

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132289.D
 Acq On : 02 Feb 2023 13:22
 Operator : CG\JU
 Sample : 01358-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-11-012723MSD

Quant Time: Feb 03 00:21:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/03/2023
 Supervised By : Jagrut Upadhyay 02/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	197047	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	753062	20.000	ng	0.00
39) Acenaphthene-d10	10.125	164	366120	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	621391	20.000	ng	0.00
76) Chrysene-d12	14.283	240	300734	20.000	ng	0.00
86) Perylene-d12	15.871	264	367248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	1325846	108.155	ng	0.03
7) Phenol-d6	6.690	99	1553427	102.785	ng	0.00
23) Nitrobenzene-d5	7.637	82	1086133	80.259	ng	0.00
42) 2,4,6-Tribromophenol	10.919	330	516407	137.158	ng	0.00
45) 2-Fluorobiphenyl	9.437	172	1848165	77.953	ng	0.00
79) Terphenyl-d14	13.213	244	1689199	108.654	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.213	88	208901m	36.216	ng	
3) Pyridine	3.884	79	491916	31.435	ng	97
4) n-Nitrosodimethylamine	3.831	42	188951	37.736	ng	95
6) Aniline	6.731	93	218754m	10.666	ng	
8) 2-Chlorophenol	6.854	128	589519	46.432	ng	97
9) Benzaldehyde	6.625	77	260597	27.944	ng	95
10) Phenol	6.701	94	561266	35.880	ng	99
11) bis(2-Chloroethyl)ether	6.801	93	563987	43.808	ng	95
12) 1,3-Dichlorobenzene	7.013	146	562319	41.875	ng	98
13) 1,4-Dichlorobenzene	7.090	146	563832	42.064	ng	98
14) 1,2-Dichlorobenzene	7.237	146	547487	43.797	ng	99
15) Benzyl Alcohol	7.207	79	457192	41.458	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.337	45	540814	39.871	ng	96
17) 2-Methylphenol	7.307	107	444083	39.957	ng	99
18) Hexachloroethane	7.584	117	210226	41.807	ng	99
19) n-Nitroso-di-n-propyla...	7.478	70	327239	38.119	ng	98
20) 3+4-Methylphenols	7.460	107	545175	38.433	ng	96
22) Acetophenone	7.478	105	726751	41.037	ng	99
24) Nitrobenzene	7.654	77	552129	39.936	ng	97
25) Isophorone	7.890	82	1046322	40.736	ng	98
26) 2-Nitrophenol	7.966	139	316454	46.992	ng	95
27) 2,4-Dimethylphenol	7.995	122	508047	43.102	ng	99
28) bis(2-Chloroethoxy)met...	8.095	93	674984	42.763	ng	100
29) 2,4-Dichlorophenol	8.207	162	461809	44.129	ng	98
30) 1,2,4-Trichlorobenzene	8.295	180	495440	44.210	ng	98
31) Naphthalene	8.378	128	1502905	40.545	ng	99
32) Benzoic acid	8.084	122	236629m	27.121	ng	
33) 4-Chloroaniline	8.419	127	56427	3.433	ng	95
34) Hexachlorobutadiene	8.490	225	279347	44.341	ng	100
35) Caprolactam	8.795	113	127259m	35.670	ng	
36) 4-Chloro-3-methylphenol	8.895	107	482995	42.841	ng	95
37) 2-Methylnaphthalene	9.072	142	1018562	40.567	ng	99
38) 1-Methylnaphthalene	9.172	142	949634	40.698	ng	99
40) 1,2,4,5-Tetrachloroben...	9.237	216	467818	45.406	ng	100
41) Hexachlorocyclopentadiene	9.225	237	569750	94.783	ng	99
43) 2,4,6-Trichlorophenol	9.348	196	337562	45.834	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.384	196	356531	42.059	ng	99
46) 1,1'-Biphenyl	9.537	154	1214350	43.023	ng	97
47) 2-Chloronaphthalene	9.566	162	949863	44.184	ng	99
48) 2-Nitroaniline	9.654	65	247425	38.699	ng	89
49) Acenaphthylene	9.984	152	1497459	42.679	ng	99
50) Dimethylphthalate	9.836	163	1109957	43.340	ng	99
51) 2,6-Dinitrotoluene	9.895	165	257660	45.048	ng	95
52) Acenaphthene	10.154	154	957845	43.605	ng	99
53) 3-Nitroaniline	10.066	138	100381	14.472	ng	93
54) 2,4-Dinitrophenol	10.172	184	164064	51.134	ng	94
55) Dibenzofuran	10.331	168	1299777	42.114	ng	99
56) 4-Nitrophenol	10.219	139	354682	67.951	ng	92
57) 2,4-Dinitrotoluene	10.307	165	332959	44.813	ng #	85
58) Fluorene	10.672	166	993277	41.818	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.442	232	277064	44.833	ng	99
60) Diethylphthalate	10.536	149	1112897	43.682	ng	99
61) 4-Chlorophenyl-phenyle...	10.660	204	490977	43.555	ng	96
62) 4-Nitroaniline	10.689	138	233947	35.172	ng	97
63) Azobenzene	10.825	77	962284	38.776	ng	95
65) 4,6-Dinitro-2-methylph...	10.713	198	138064	39.148	ng	95
66) n-Nitrosodiphenylamine	10.783	169	872086	44.819	ng	99
67) 4-Bromophenyl-phenylether	11.154	248	307220	48.282	ng	96
68) Hexachlorobenzene	11.225	284	345073	50.738	ng	96
69) Atrazine	11.307	200	284674	50.864	ng	99
70) Pentachlorophenol	11.419	266	330448	70.716	ng	99
71) Phenanthrene	11.648	178	1406544	43.317	ng	100
72) Anthracene	11.701	178	1420291	42.980	ng	100
73) Carbazole	11.848	167	1187281	40.070	ng	100
74) Di-n-butylphthalate	12.172	149	1572221	44.882	ng	99
75) Fluoranthene	12.842	202	1230661	37.140	ng	99
77) Benzidine	12.954	184	153908	14.638	ng	98
78) Pyrene	13.077	202	1207725	49.930	ng	99
80) Butylbenzylphthalate	13.683	149	548054	51.284	ng	99
81) Benzo(a)anthracene	14.272	228	965482	45.901	ng	99
82) 3,3'-Dichlorobenzidine	14.224	252	124026	18.513	ng	97
83) Chrysene	14.313	228	898465	45.618	ng	99
84) Bis(2-ethylhexyl)phtha...	14.242	149	783842	54.264	ng	99
85) Di-n-octyl phthalate	14.877	149	1347599	57.198	ng	97
87) Indeno(1,2,3-cd)pyrene	17.524	276	1158253	47.465	ng	98
88) Benzo(b)fluoranthene	15.395	252	1021319	43.751	ng	98
89) Benzo(k)fluoranthene	15.424	252	999782	44.869	ng	99
90) Benzo(a)pyrene	15.801	252	923080	42.464	ng	99
91) Dibenzo(a,h)anthracene	17.548	278	949568	48.400	ng	98
92) Benzo(g,h,i)perylene	18.030	276	900097	44.409	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

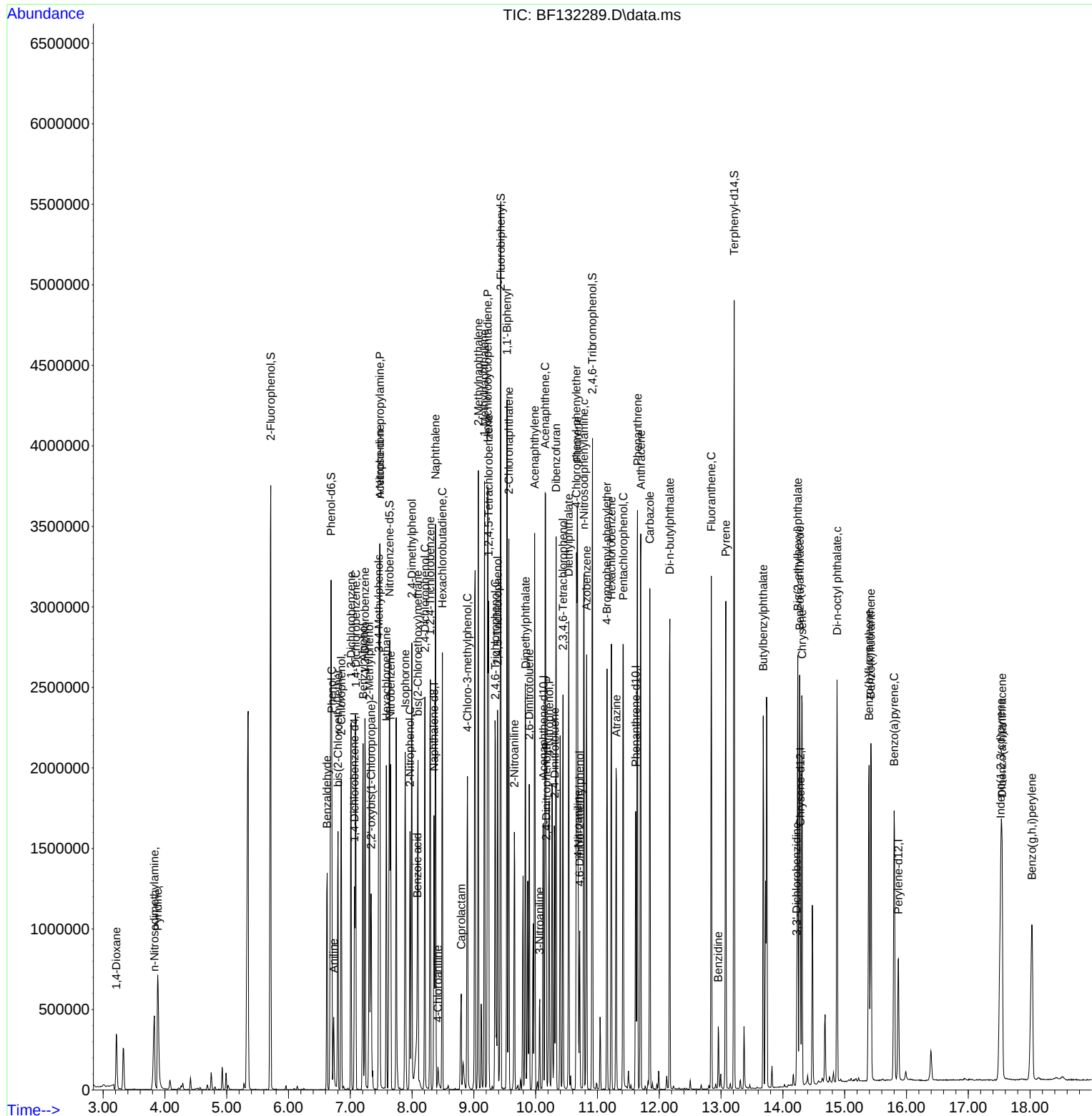
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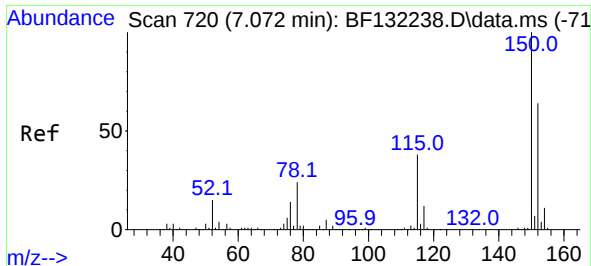
Instrument :
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ClientSampleId :
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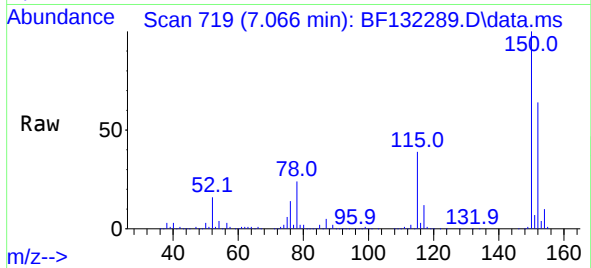
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

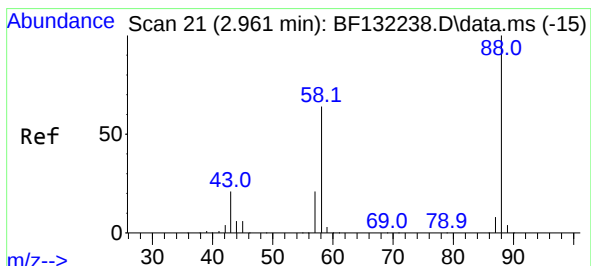
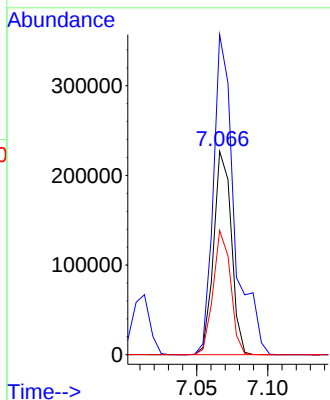
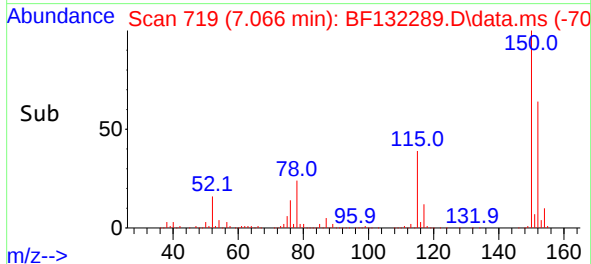
Instrument :
BNA_F
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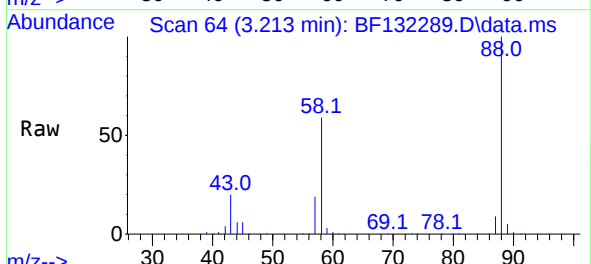
Tgt Ion:152 Resp: 19704
Ion Ratio Lower Upper
152 100
150 157.3 124.2 186.2
115 61.1 47.3 70.9

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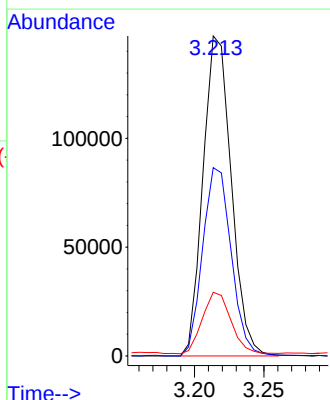
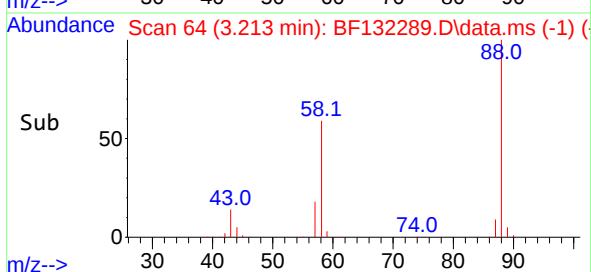
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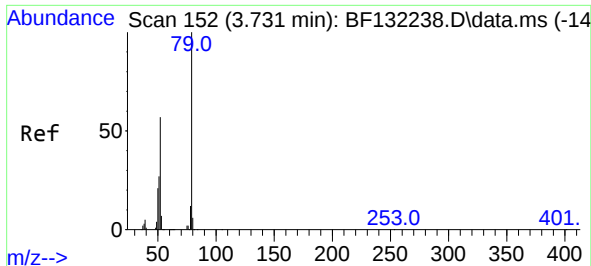


#2
1,4-Dioxane
Concen: 36.216 ng m
RT: 3.213 min Scan# 64
Delta R.T. 0.253 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



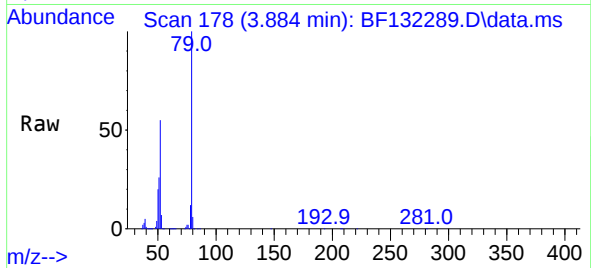
Tgt Ion: 88 Resp: 208901
Ion Ratio Lower Upper
88 100
58 58.6 50.2 75.2
43 18.9 16.9 25.3





#3
Pyridine
Concen: 31.435 ng
RT: 3.884 min Scan# 11
Delta R.T. 0.153 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

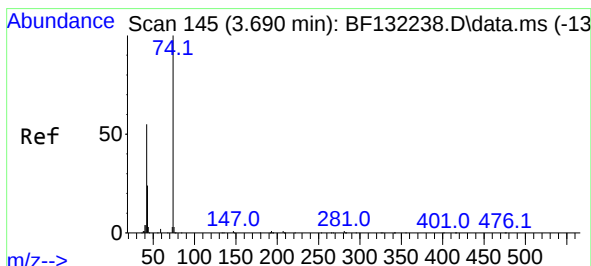
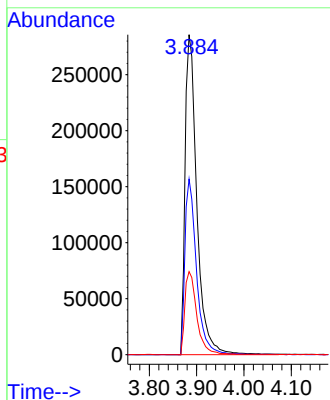
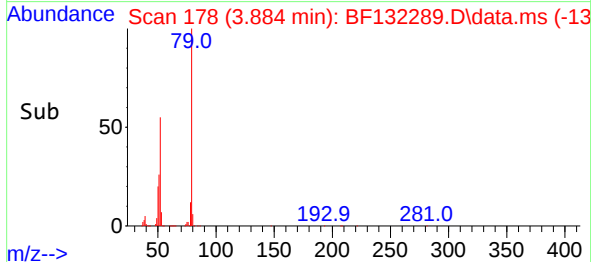
Instrument :
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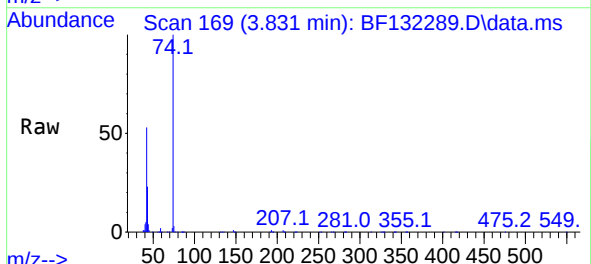
Tgt Ion: 79 Resp: 491910
Ion Ratio Lower Upper
79 100
52 54.9 45.6 68.4
51 25.9 21.5 32.3

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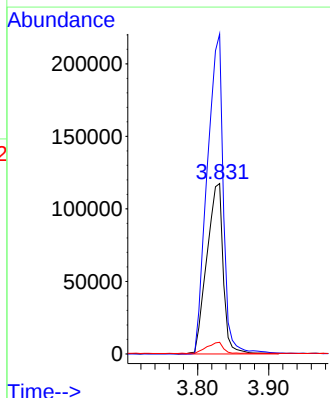
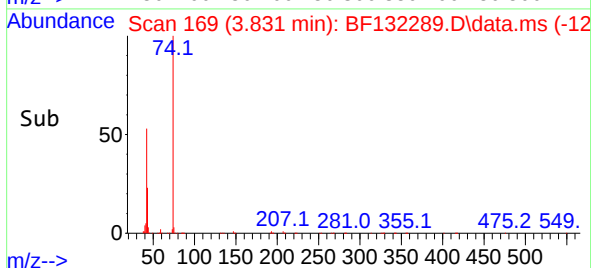
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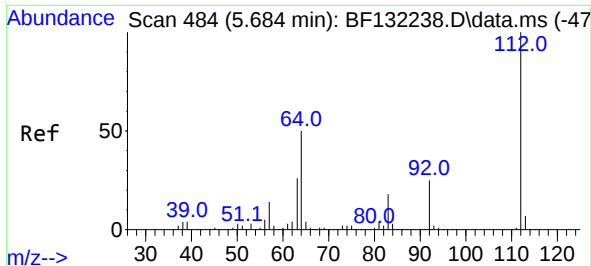


#4
n-Nitrosodimethylamine
Concen: 37.736 ng
RT: 3.831 min Scan# 169
Delta R.T. 0.141 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



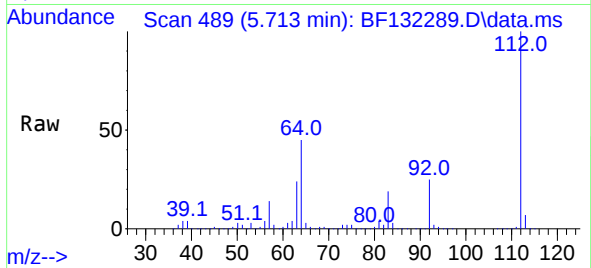
Tgt Ion: 42 Resp: 188951
Ion Ratio Lower Upper
42 100
74 187.8 144.6 217.0
44 6.9 5.1 7.7





#5
2-Fluorophenol
Concen: 108.155 ng
RT: 5.713 min Scan# 484
Delta R.T. 0.029 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

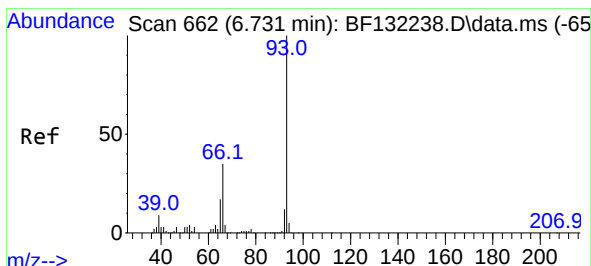
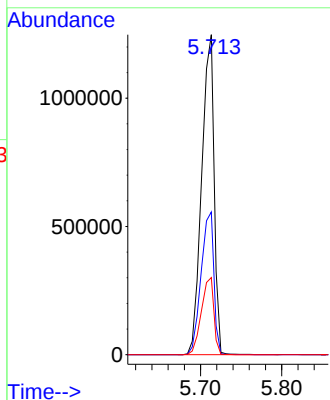
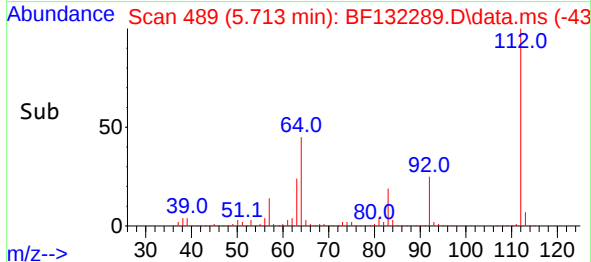
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ClientSampleId :
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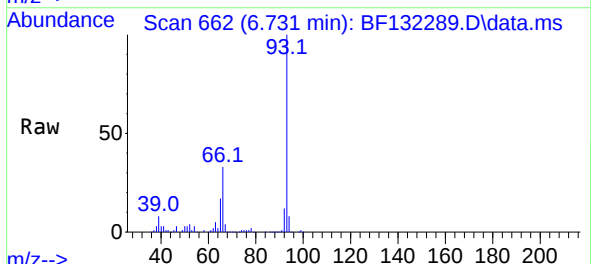
Tgt Ion:112 Resp: 132584
Ion Ratio Lower Upper
112 100
64 44.6 40.0 60.0
63 24.1 20.5 30.7

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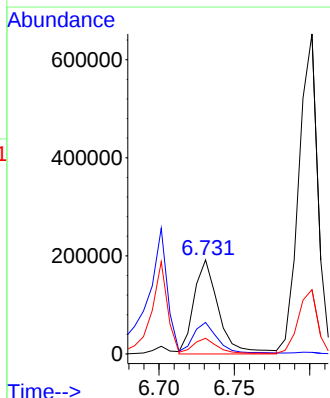
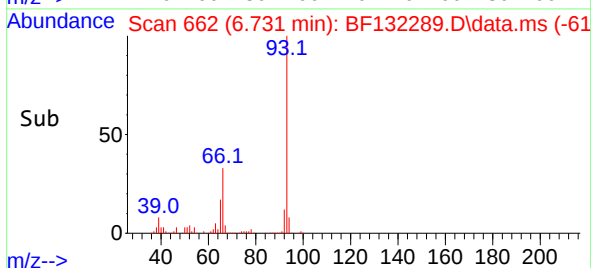
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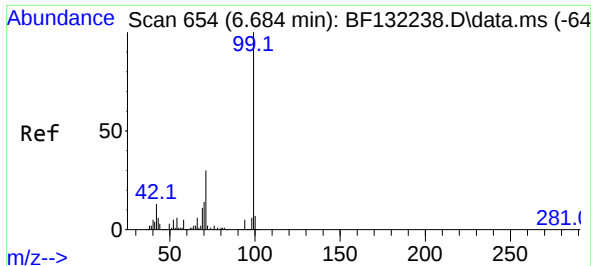


#6
Aniline
Concen: 10.666 ng m
RT: 6.731 min Scan# 662
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



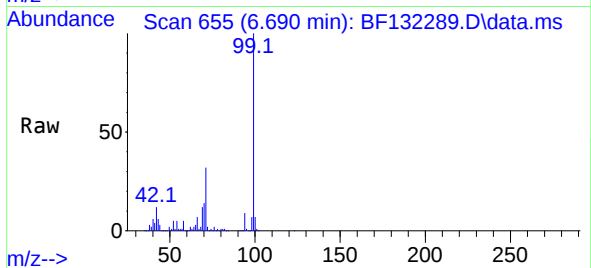
Tgt Ion: 93 Resp: 218754
Ion Ratio Lower Upper
93 100
66 33.5 28.8 43.2
65 16.6 14.2 21.4





#7
Phenol-d6
Concen: 102.785 ng
RT: 6.690 min Scan# 655
Delta R.T. 0.006 min
Lab File: BF132289.D
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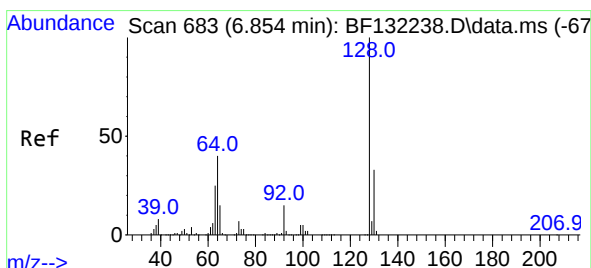
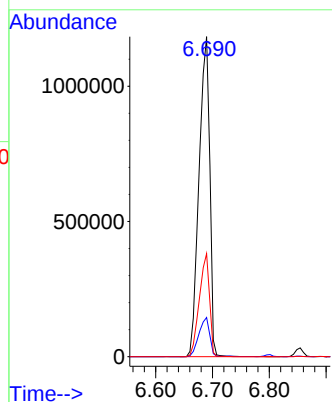
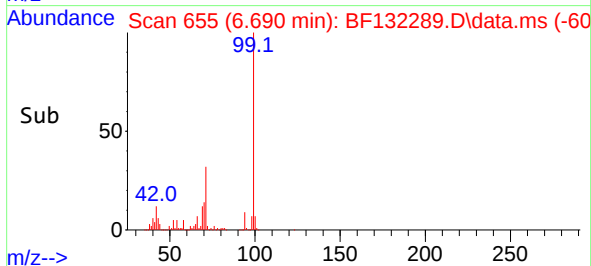


Tgt Ion: 99 Resp: 155342

Ion	Ratio	Lower	Upper
99	100		
42	12.2	10.1	15.1
71	32.2	24.2	36.4

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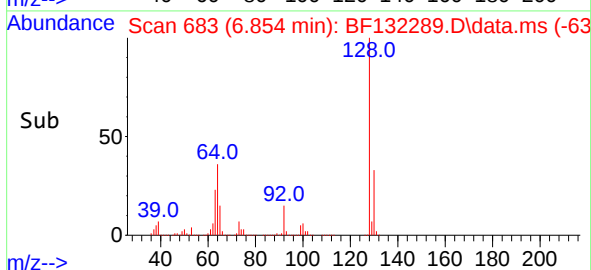
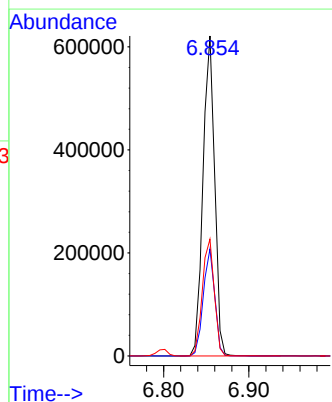
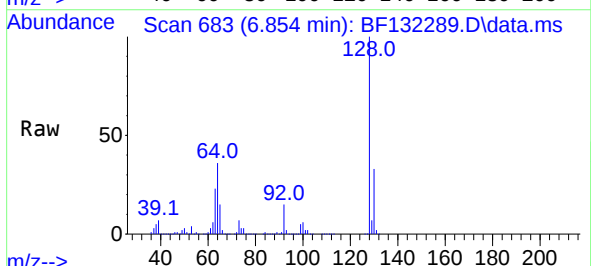
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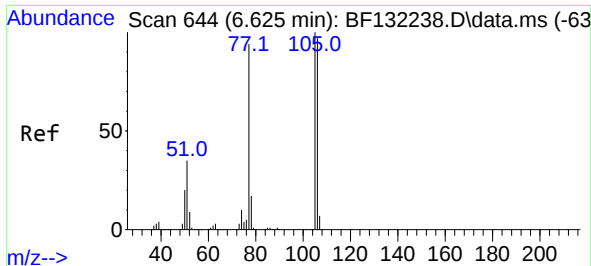


#8
2-Chlorophenol
Concen: 46.432 ng
RT: 6.854 min Scan# 683
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

Tgt Ion:128 Resp: 589519

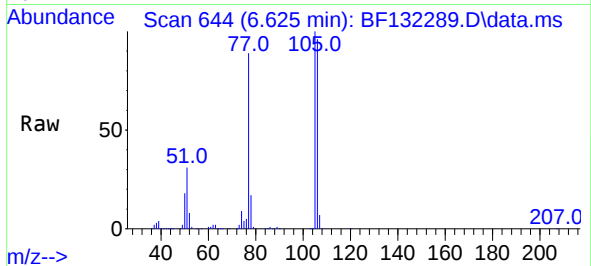
Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.3	53.3
64	36.5	20.1	60.1





#9
Benzaldehyde
Concen: 27.944 ng
RT: 6.625 min Scan# 644
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

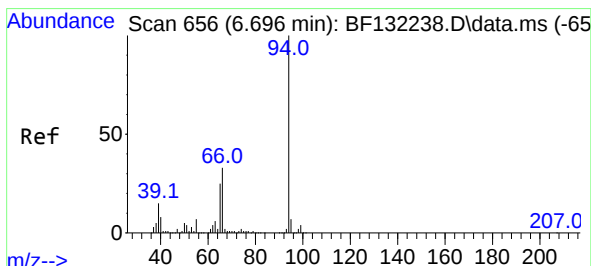
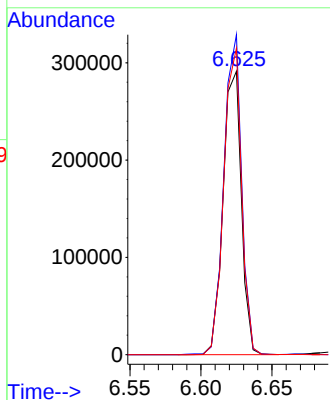
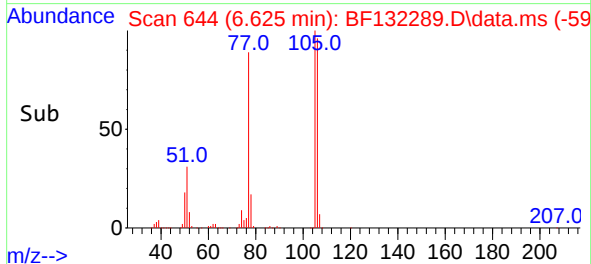
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ClientSampleId :
JPP-11-012723MSD



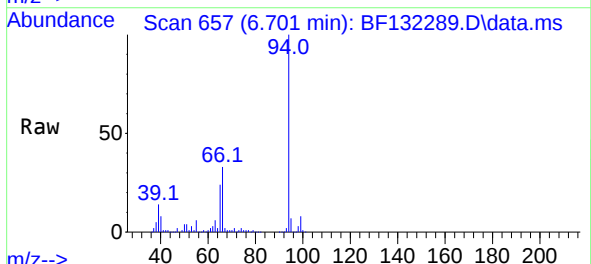
Tgt Ion: 77 Resp: 26059
Ion Ratio Lower Upper
77 100
105 112.9 86.8 126.8
106 108.1 83.8 123.8

Manual Integrations
APPROVED

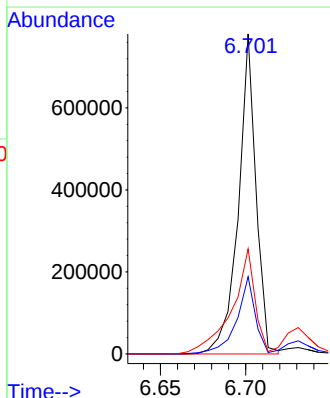
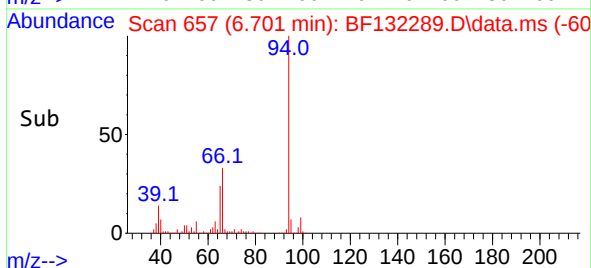
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

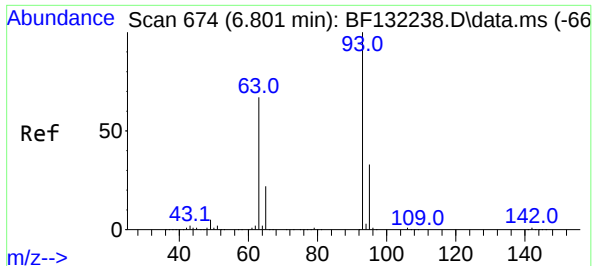


#10
Phenol
Concen: 35.880 ng
RT: 6.701 min Scan# 657
Delta R.T. 0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



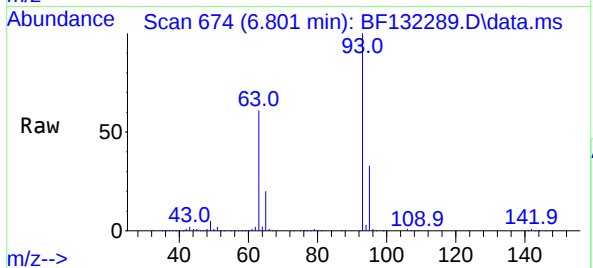
Tgt Ion: 94 Resp: 561266
Ion Ratio Lower Upper
94 100
65 24.1 5.1 45.1
66 32.9 13.0 53.0





#11
bis(2-Chloroethyl)ether
Concen: 43.808 ng
RT: 6.801 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

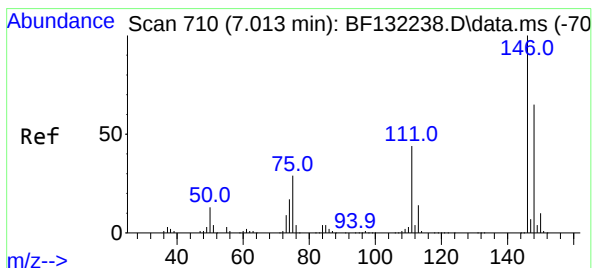
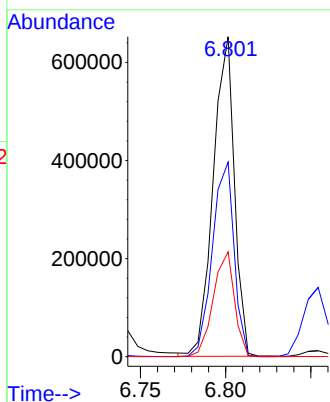
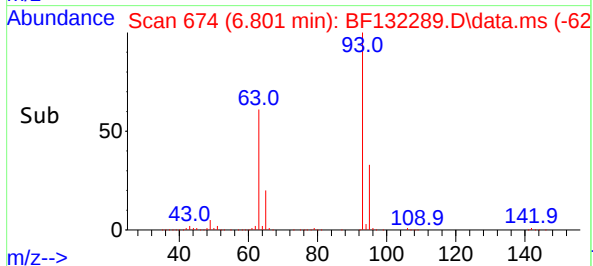
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



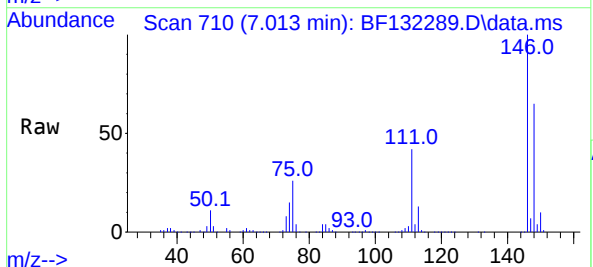
Tgt Ion: 93 Resp: 56398
Ion Ratio Lower Upper
93 100
63 60.8 46.7 86.7
95 32.7 13.4 53.4

Manual Integrations
APPROVED

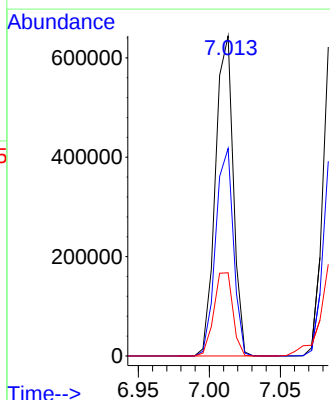
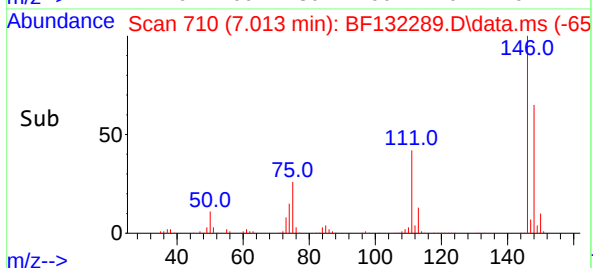
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

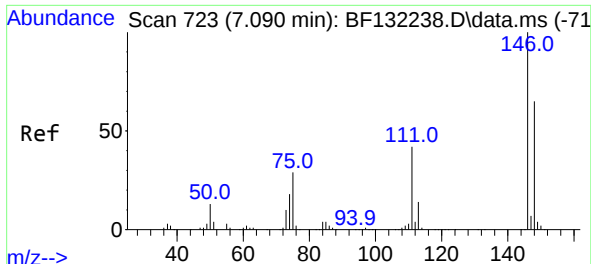


#12
1,3-Dichlorobenzene
Concen: 41.875 ng
RT: 7.013 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



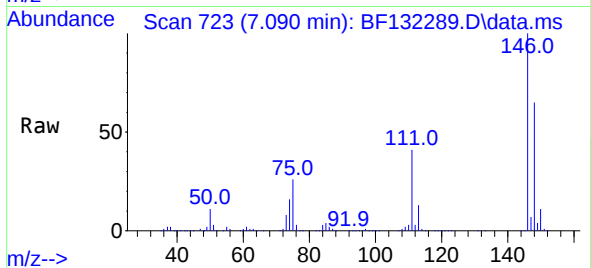
Tgt Ion:146 Resp: 562319
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 26.0 23.5 35.3





#13
1,4-Dichlorobenzene
Concen: 42.064 ng
RT: 7.090 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

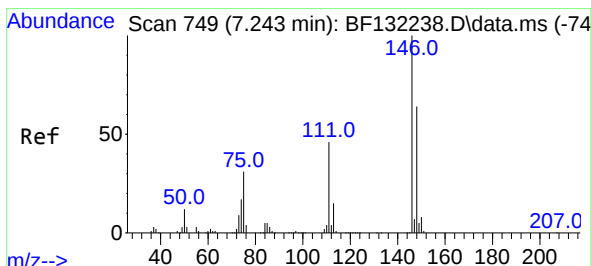
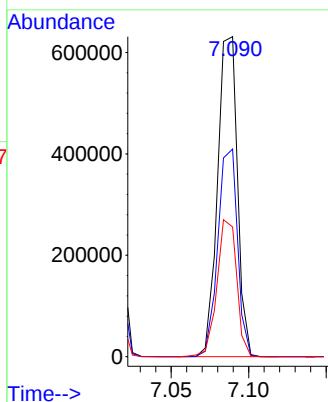
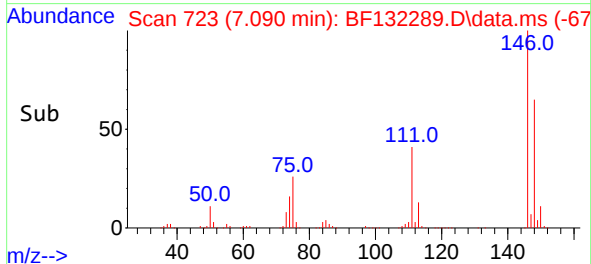
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



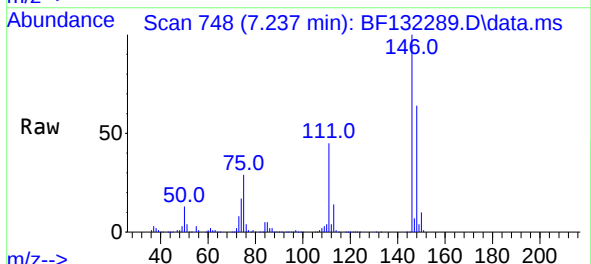
Tgt Ion:146 Resp: 56383
Ion Ratio Lower Upper
146 100
148 64.9 52.4 78.6
111 40.6 34.0 51.0

Manual Integrations
APPROVED

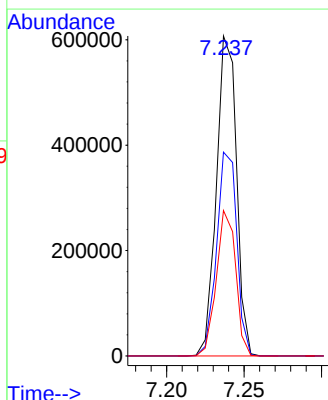
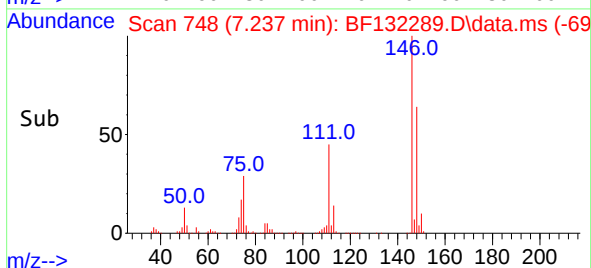
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

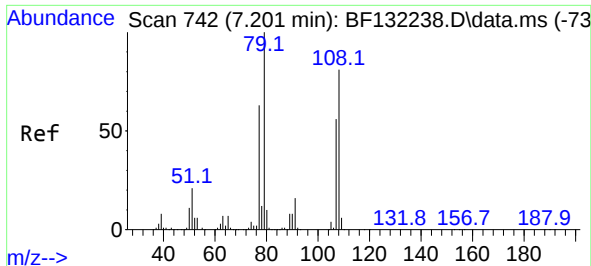


#14
1,2-Dichlorobenzene
Concen: 43.797 ng
RT: 7.237 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



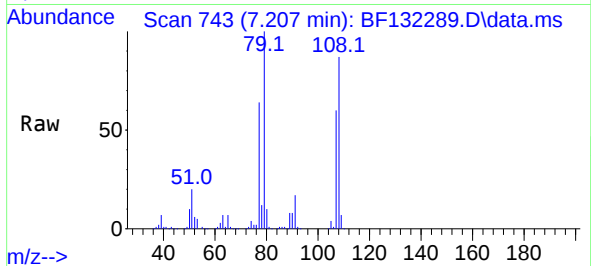
Tgt Ion:146 Resp: 547487
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.0
111 45.4 37.1 55.7





#15
Benzyl Alcohol
Concen: 41.458 ng
RT: 7.207 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

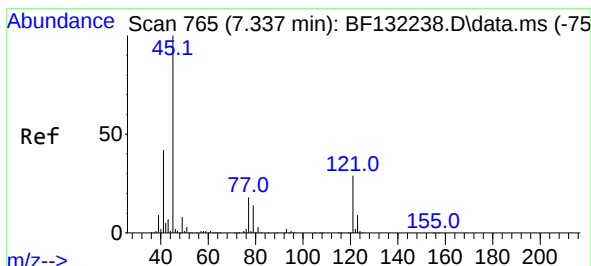
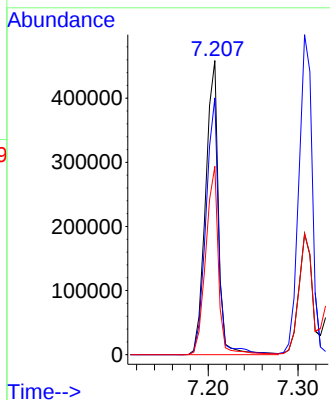
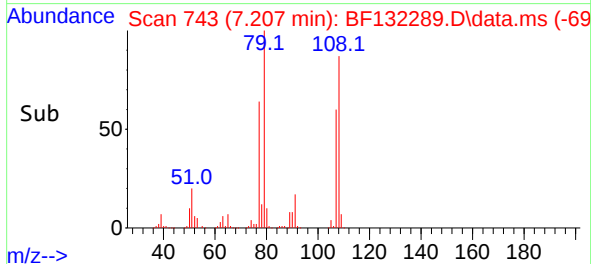
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



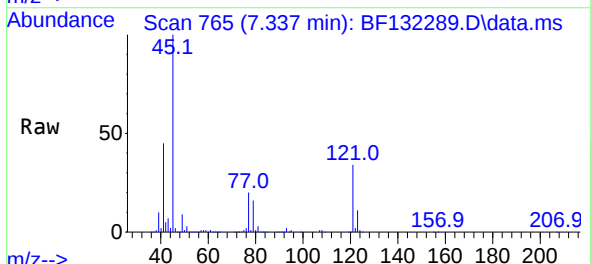
Tgt Ion: 79 Resp: 457192
Ion Ratio Lower Upper
79 100
108 87.3 64.6 97.0
77 64.0 50.1 75.1

Manual Integrations
APPROVED

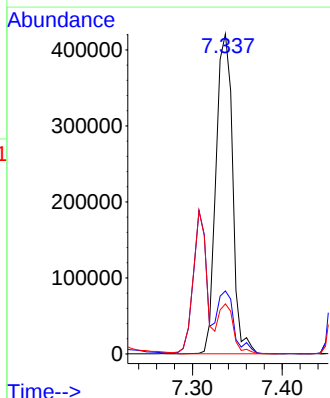
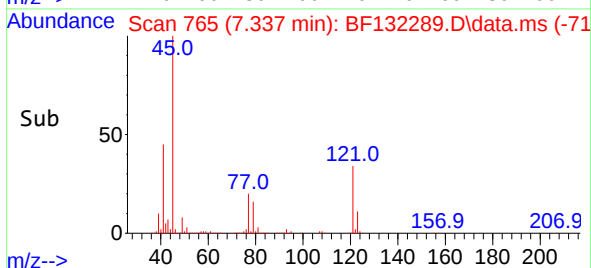
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

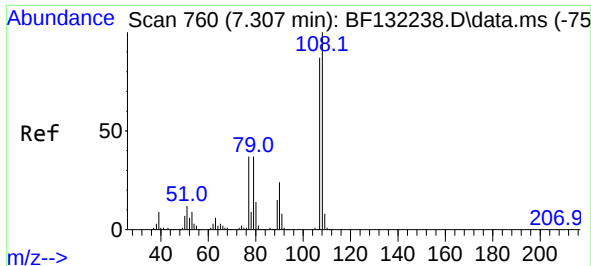


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.871 ng
RT: 7.337 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



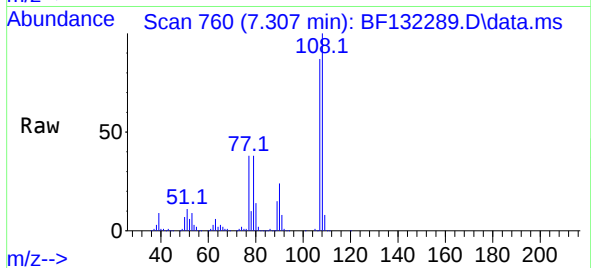
Tgt Ion: 45 Resp: 540814
Ion Ratio Lower Upper
45 100
77 19.7 0.0 38.0
79 15.7 0.0 33.8





#17
2-Methylphenol
Concen: 39.957 ng
RT: 7.307 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD

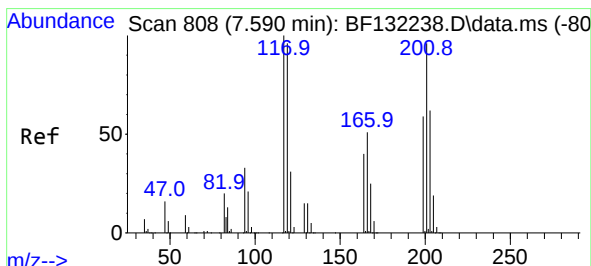
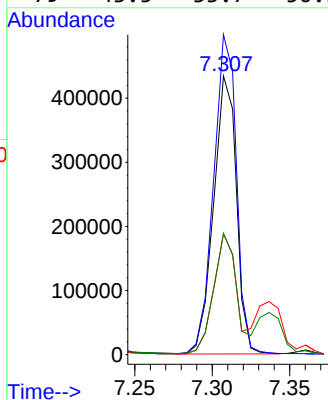
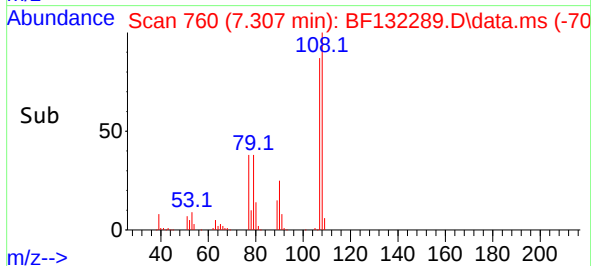


Tgt Ion:107 Resp: 44408

Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.8	137.6
77	43.4	34.2	51.2
79	43.5	33.7	50.5

Manual Integrations
APPROVED

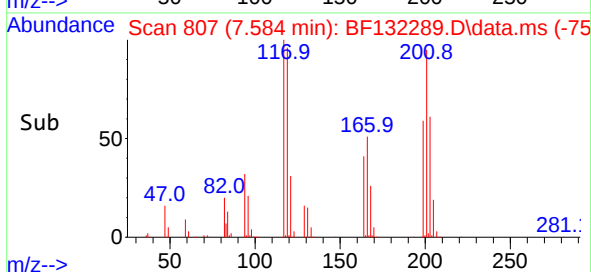
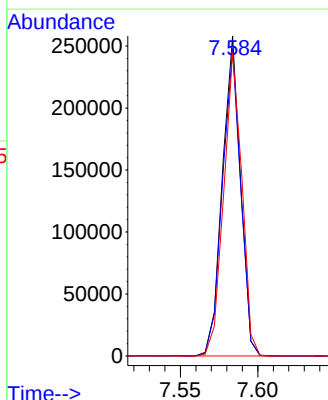
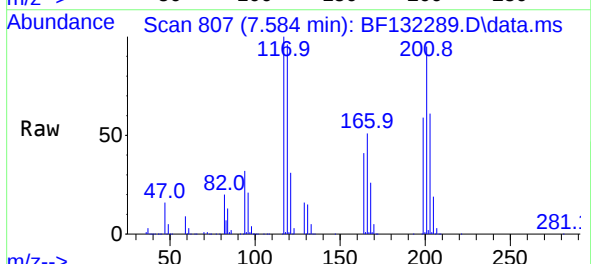
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

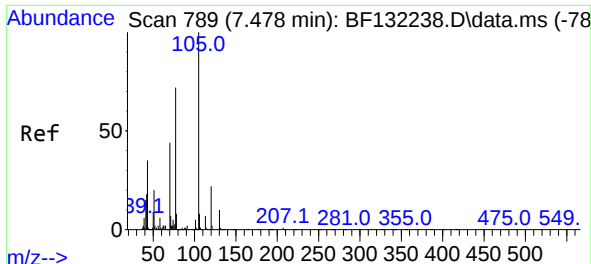


#18
Hexachloroethane
Concen: 41.807 ng
RT: 7.584 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

Tgt Ion:117 Resp: 210226

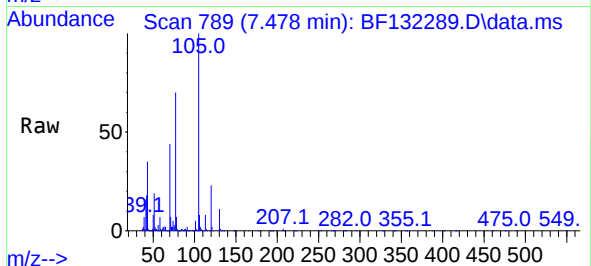
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.7	115.1
201	94.8	76.6	114.8





#19
n-Nitroso-di-n-propylamine
Concen: 38.119 ng
RT: 7.478 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

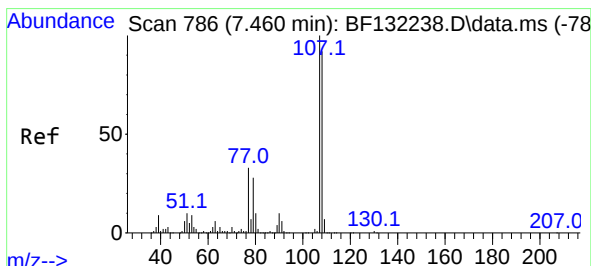
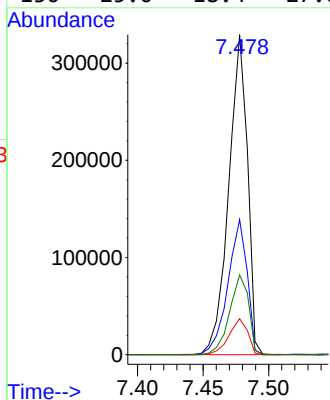
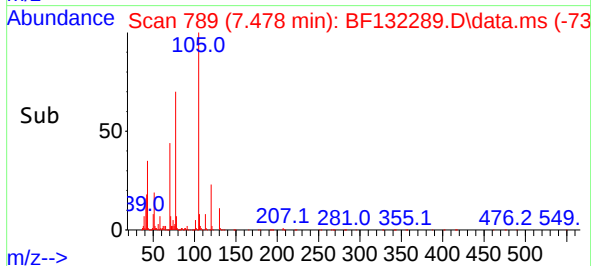
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



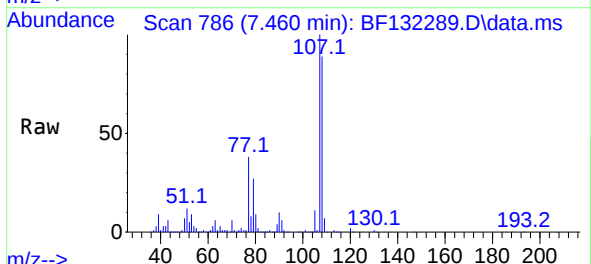
Tgt Ion: 70 Resp: 327239
Ion Ratio Lower Upper
70 100
42 42.2 33.4 50.0
101 11.2 8.2 12.4
130 25.0 18.4 27.6

Manual Integrations
APPROVED

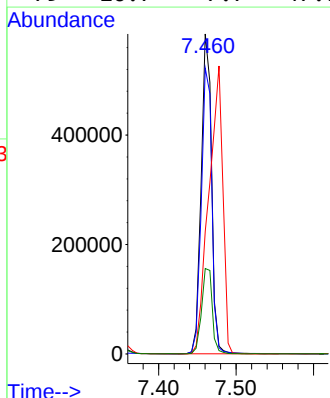
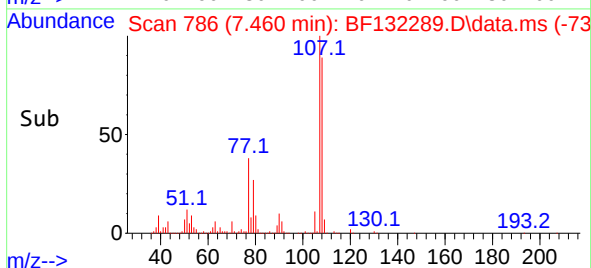
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

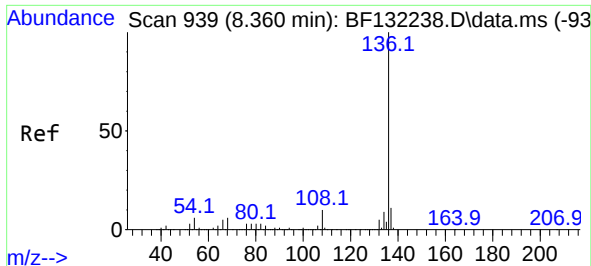


#20
3+4-Methylphenols
Concen: 38.433 ng
RT: 7.460 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



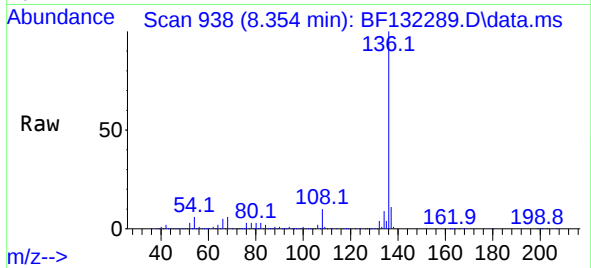
Tgt Ion:107 Resp: 545175
Ion Ratio Lower Upper
107 100
108 89.4 71.6 111.6
77 38.3 13.4 53.4
79 26.7 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

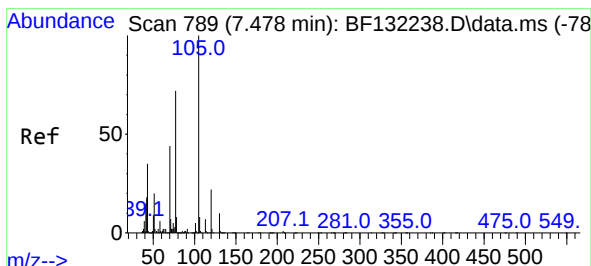
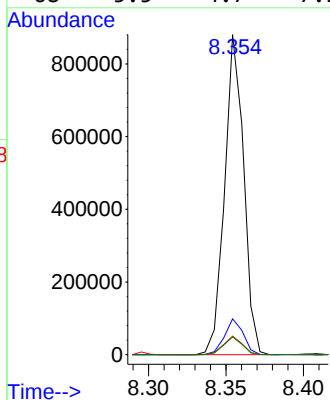
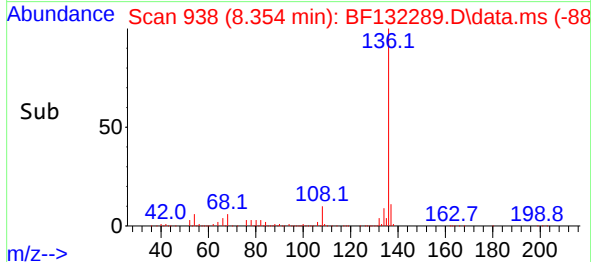
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



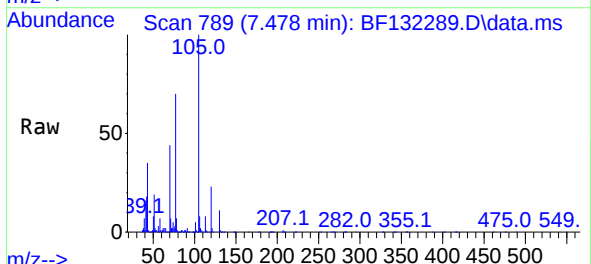
Tgt Ion:136 Resp: 753062
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.8 4.9 7.3
68 5.5 4.7 7.1

Manual Integrations
APPROVED

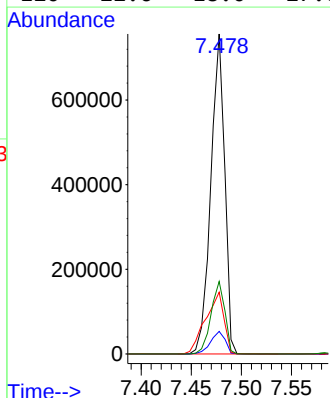
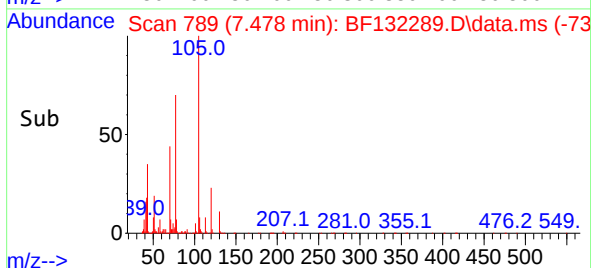
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

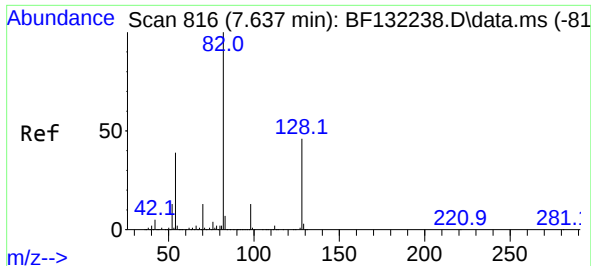


#22
Acetophenone
Concen: 41.037 ng
RT: 7.478 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



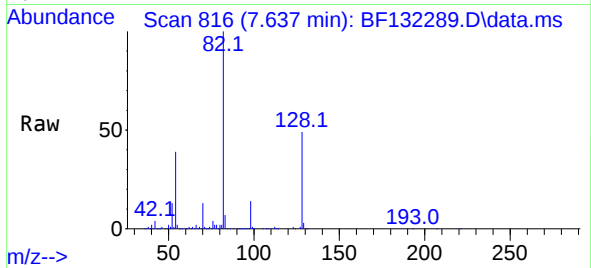
Tgt Ion:105 Resp: 726751
Ion Ratio Lower Upper
105 100
71 7.1 5.8 8.6
51 19.3 16.2 24.2
120 22.6 18.0 27.0





#23
Nitrobenzene-d5
Concen: 80.259 ng
RT: 7.637 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

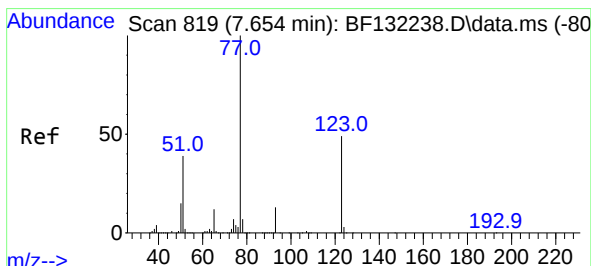
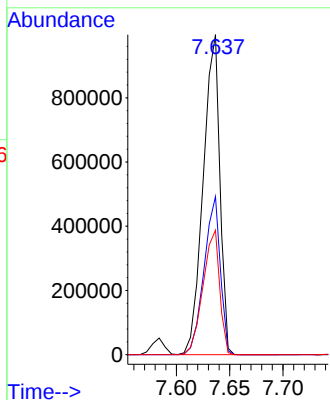
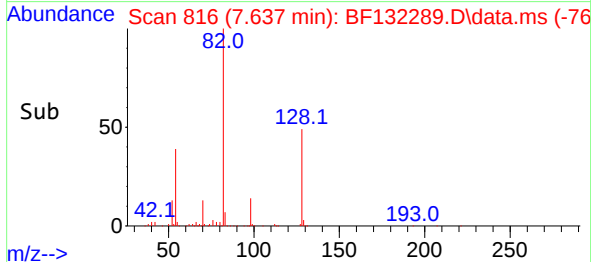
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



Tgt Ion: 82 Resp: 108613
Ion Ratio Lower Upper
82 100
128 49.4 37.0 55.4
54 38.9 31.5 47.3

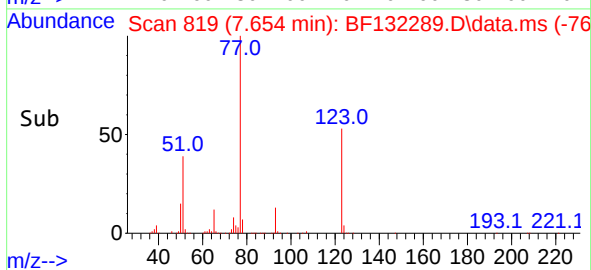
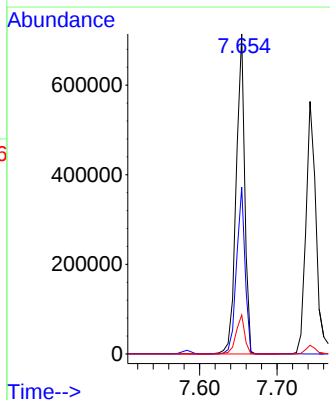
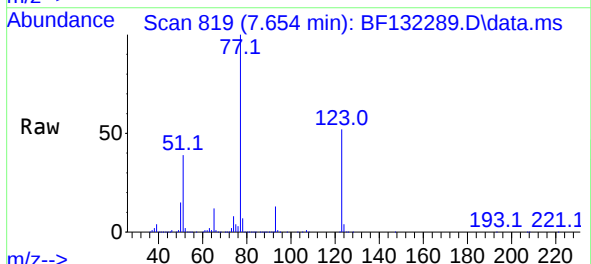
Manual Integrations
APPROVED

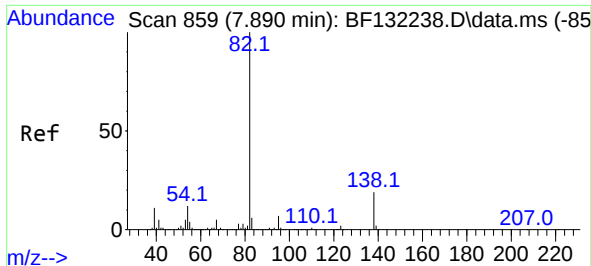
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#24
Nitrobenzene
Concen: 39.936 ng
RT: 7.654 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

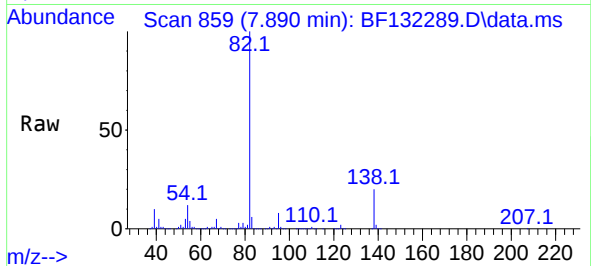
Tgt Ion: 77 Resp: 552129
Ion Ratio Lower Upper
77 100
123 52.1 39.5 59.3
65 12.2 9.8 14.8





#25
Isophorone
Concen: 40.736 ng
RT: 7.890 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

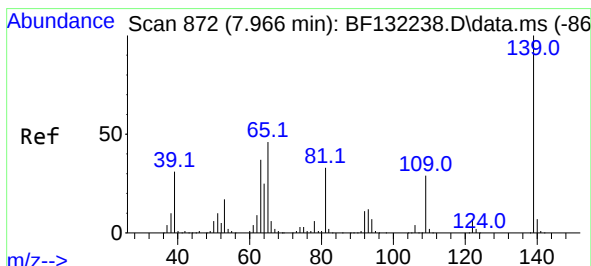
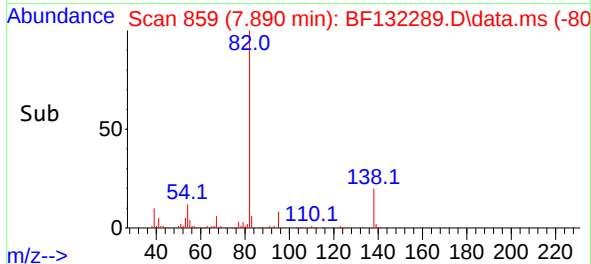
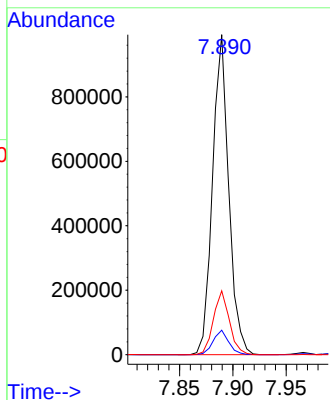
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



Tgt Ion: 82 Resp: 104632
Ion Ratio Lower Upper
82 100
95 7.7 5.6 8.4
138 20.0 15.0 22.6

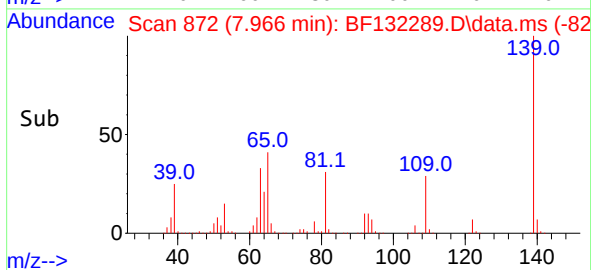
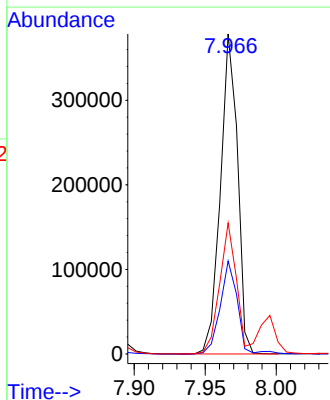
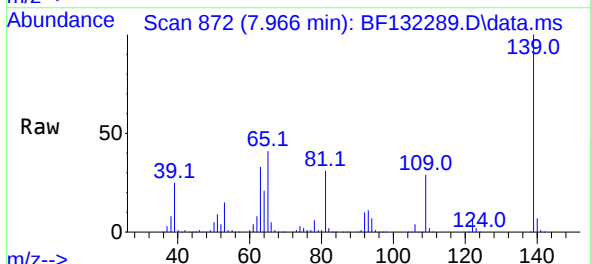
Manual Integrations
APPROVED

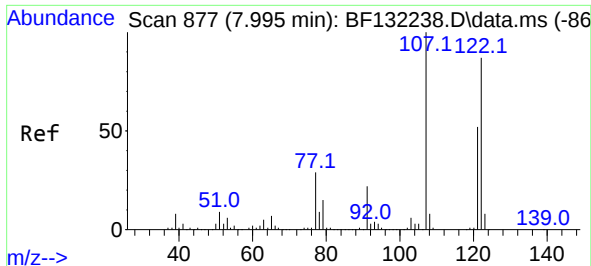
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#26
2-Nitrophenol
Concen: 46.992 ng
RT: 7.966 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

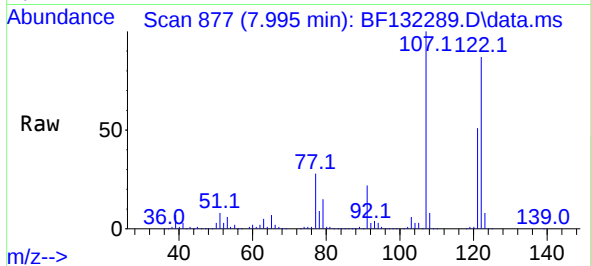
Tgt Ion:139 Resp: 316454
Ion Ratio Lower Upper
139 100
109 29.0 23.0 34.6
65 40.9 36.6 55.0





#27
2,4-Dimethylphenol
Concen: 43.102 ng
RT: 7.995 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

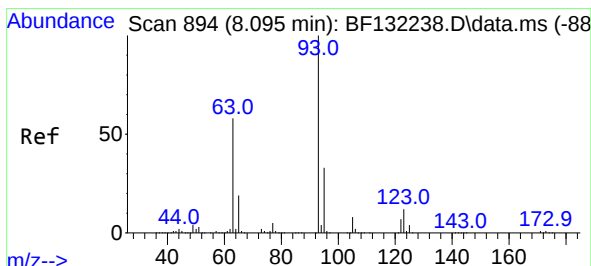
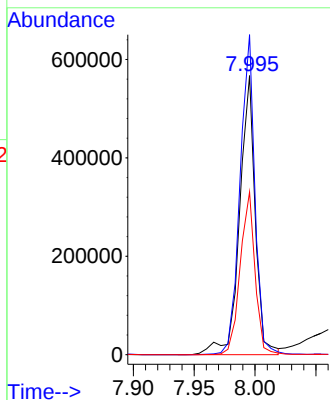
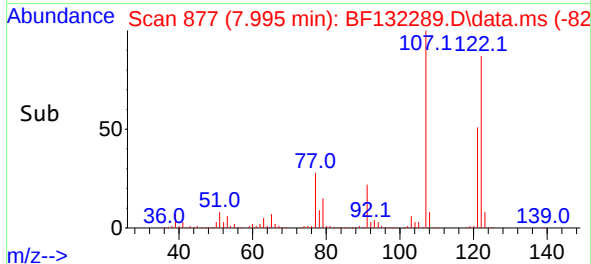
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



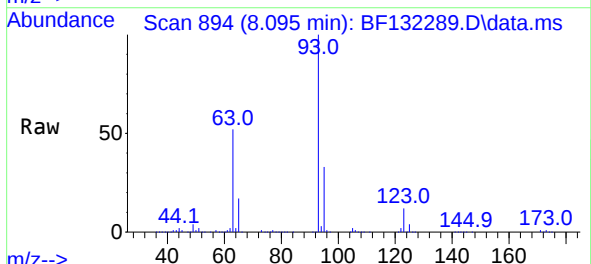
Tgt Ion:122 Resp: 50804
Ion Ratio Lower Upper
122 100
107 114.7 91.9 137.9
121 58.4 47.8 71.8

Manual Integrations
APPROVED

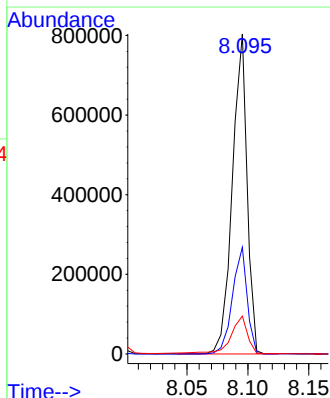
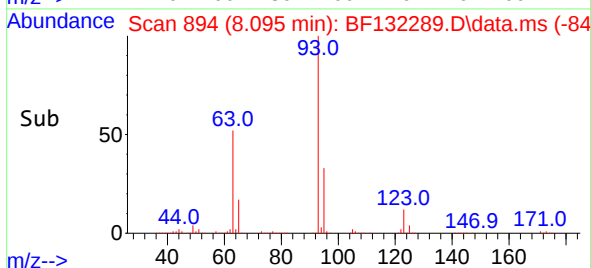
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

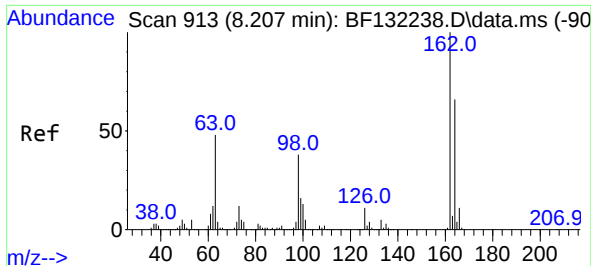


#28
bis(2-Chloroethoxy)methane
Concen: 42.763 ng
RT: 8.095 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



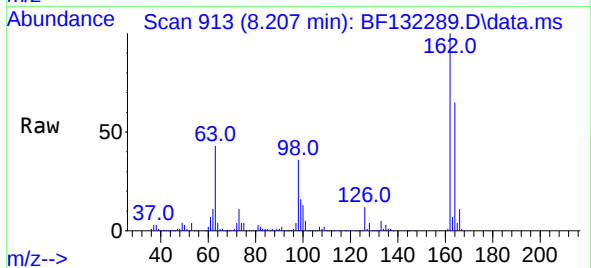
Tgt Ion: 93 Resp: 674984
Ion Ratio Lower Upper
93 100
95 33.3 26.6 40.0
123 11.9 9.5 14.3





#29
2,4-Dichlorophenol
Concen: 44.129 ng
RT: 8.207 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

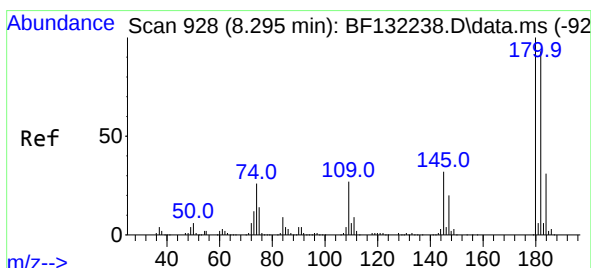
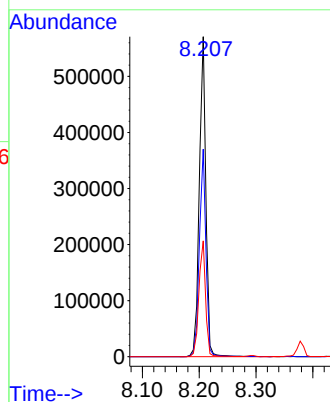
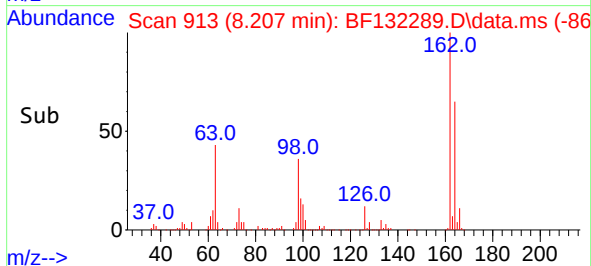
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



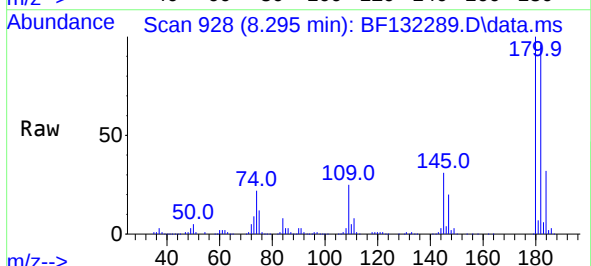
Tgt Ion:162 Resp: 461809
Ion Ratio Lower Upper
162 100
164 64.8 46.4 86.4
98 36.2 17.8 57.8

Manual Integrations
APPROVED

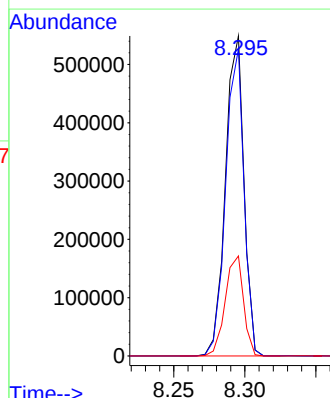
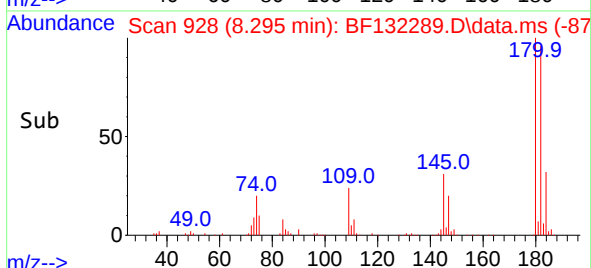
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

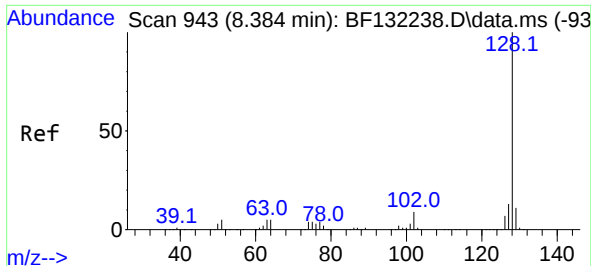


#30
1,2,4-Trichlorobenzene
Concen: 44.210 ng
RT: 8.295 min Scan# 928
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



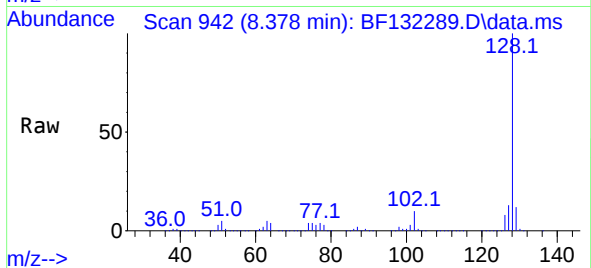
Tgt Ion:180 Resp: 495440
Ion Ratio Lower Upper
180 100
182 96.0 74.6 112.0
145 31.2 25.3 37.9





#31
Naphthalene
Concen: 40.545 ng
RT: 8.378 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

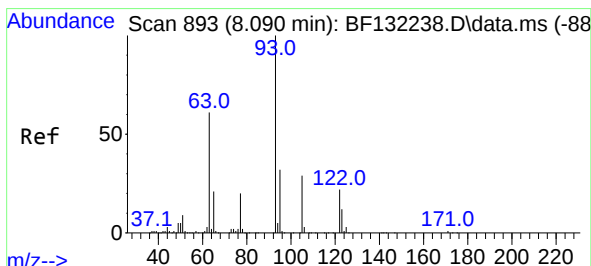
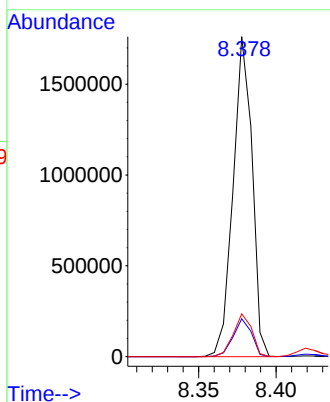
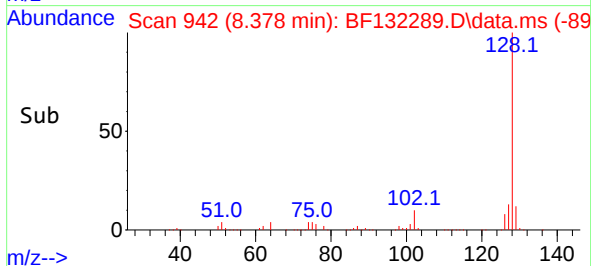
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



Tgt Ion:128 Resp: 150290
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.4
127 13.4 10.5 15.7

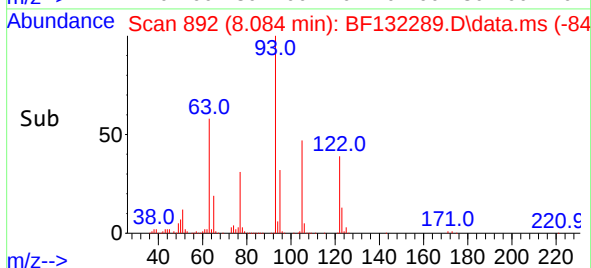
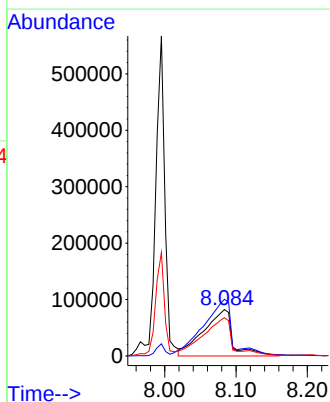
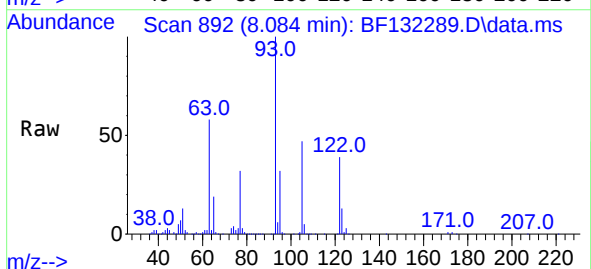
Manual Integrations
APPROVED

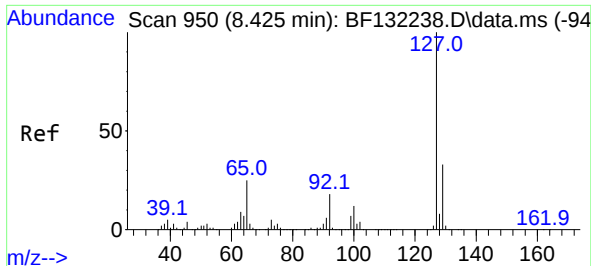
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#32
Benzoic acid
Concen: 27.121 ng m
RT: 8.084 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

Tgt Ion:122 Resp: 236629
Ion Ratio Lower Upper
122 100
105 122.0 106.3 146.3
77 82.3 70.6 110.6





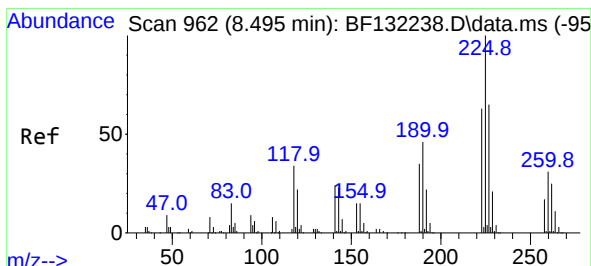
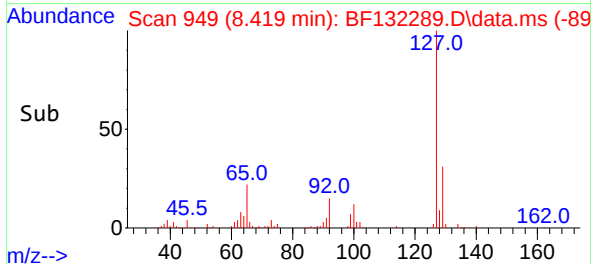
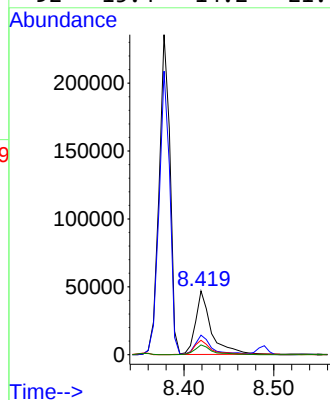
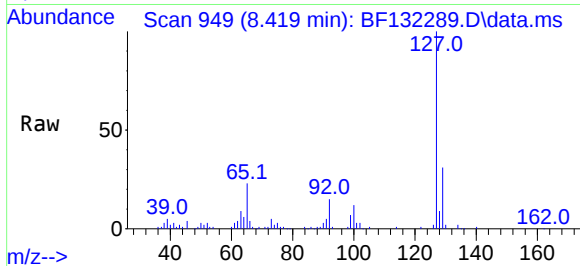
#33
4-Chloroaniline
Concen: 3.433 ng
RT: 8.419 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD

Tgt Ion:	127	Resp:	5642
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.6	39.8
65	22.8	20.2	30.2
92	15.4	14.2	21.4

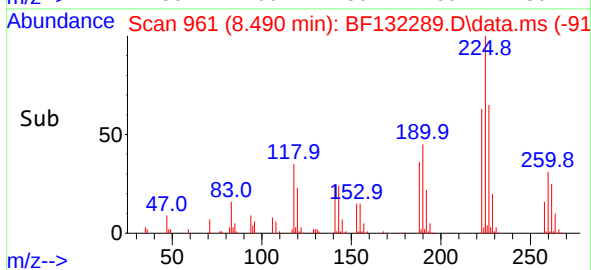
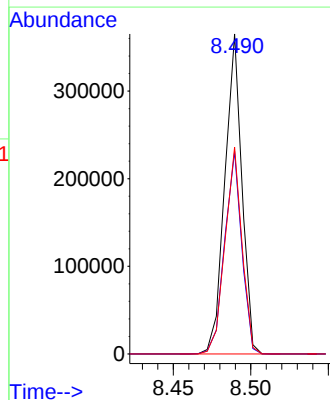
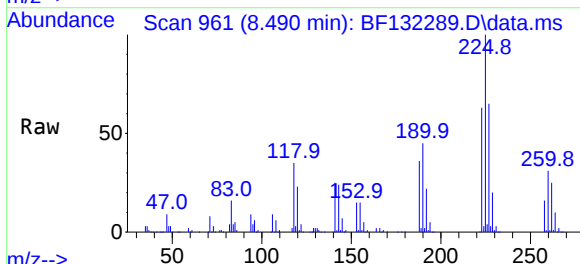
Manual Integrations
APPROVED

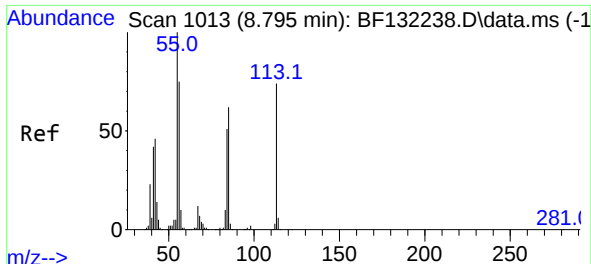
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#34
Hexachlorobutadiene
Concen: 44.341 ng
RT: 8.490 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

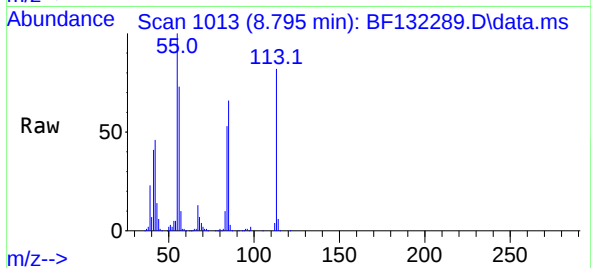
Tgt Ion:	225	Resp:	279347
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	75.8
227	64.7	51.7	77.5





#35
Caprolactam
Concen: 35.670 ng m
RT: 8.795 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

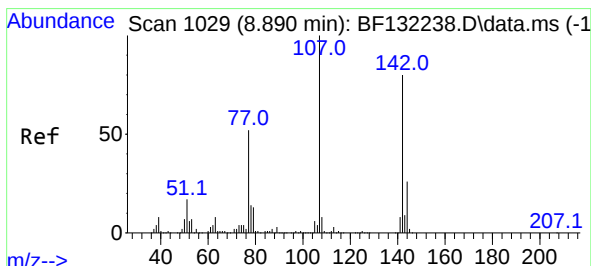
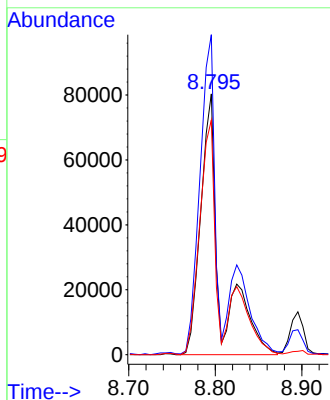
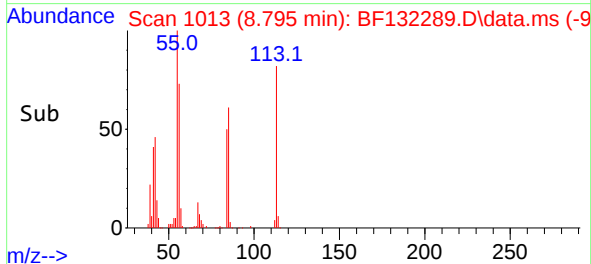
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



Tgt Ion:113 Resp: 127259
Ion Ratio Lower Upper
113 100
55 122.7 114.7 154.7
56 89.9 81.1 121.1

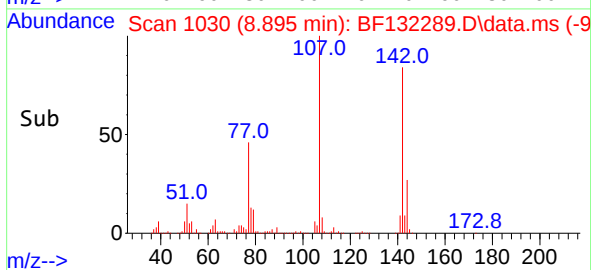
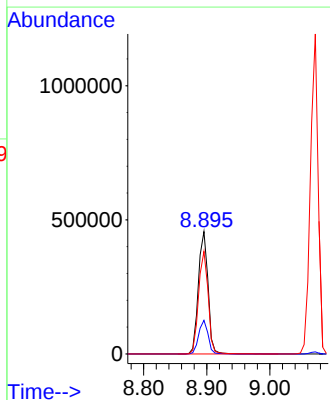
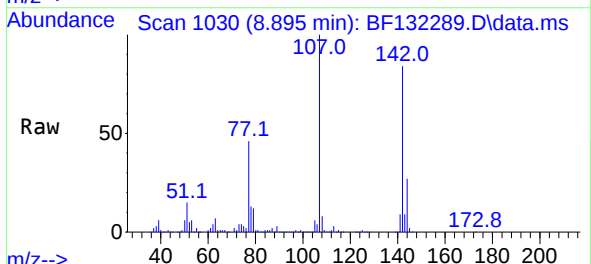
Manual Integrations
APPROVED

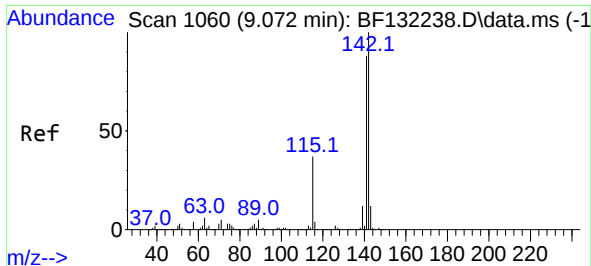
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#36
4-Chloro-3-methylphenol
Concen: 42.841 ng
RT: 8.895 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

Tgt Ion:107 Resp: 482995
Ion Ratio Lower Upper
107 100
144 27.5 20.5 30.7
142 83.8 63.6 95.4





#37

2-Methylnaphthalene

Concen: 40.567 ng

RT: 9.072 min Scan# 1060

Delta R.T. -0.000 min

Lab File: BF132289.D

Acq: 02 Feb 2023 13:22

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723MSD

Tgt Ion:142 Resp: 101856

Ion Ratio Lower Upper

142 100

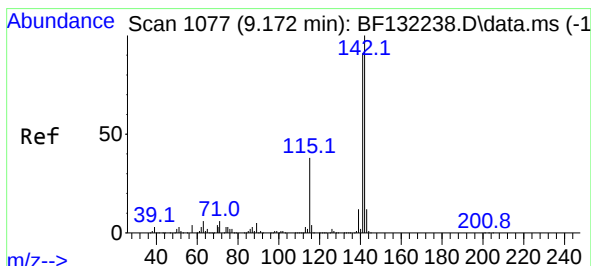
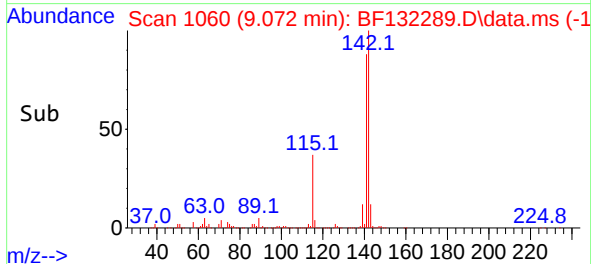
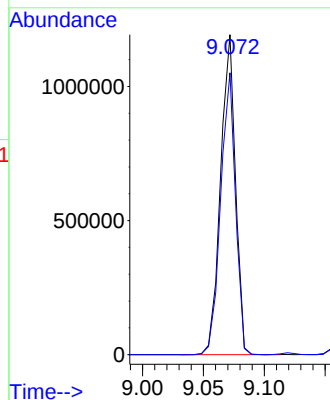
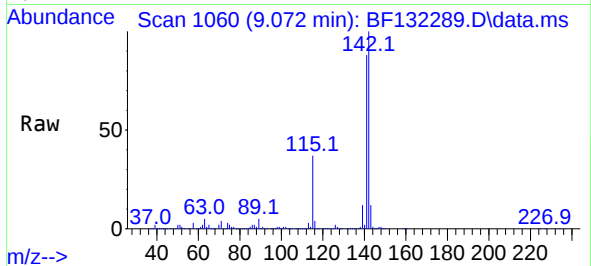
141 88.1 70.1 105.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#38

1-Methylnaphthalene

Concen: 40.698 ng

RT: 9.172 min Scan# 1077

Delta R.T. -0.000 min

Lab File: BF132289.D

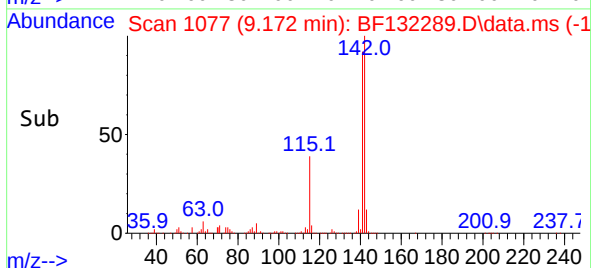
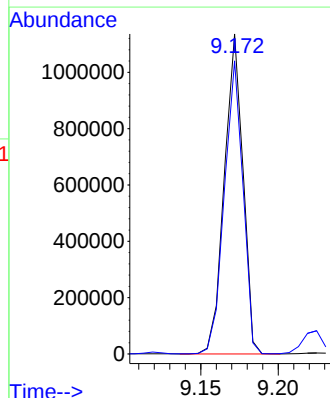
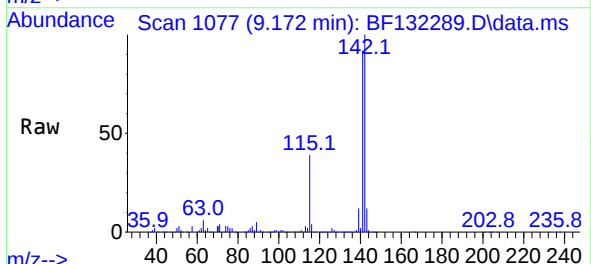
Acq: 02 Feb 2023 13:22

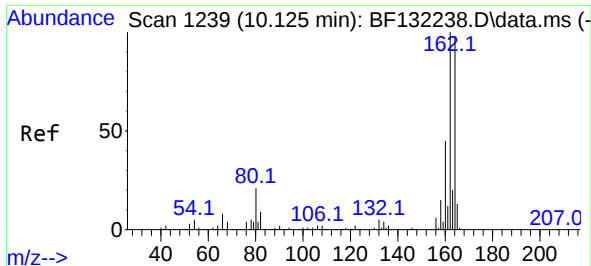
Tgt Ion:142 Resp: 949634

Ion Ratio Lower Upper

142 100

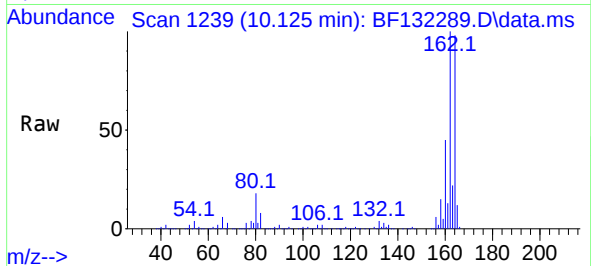
141 91.6 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.125 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

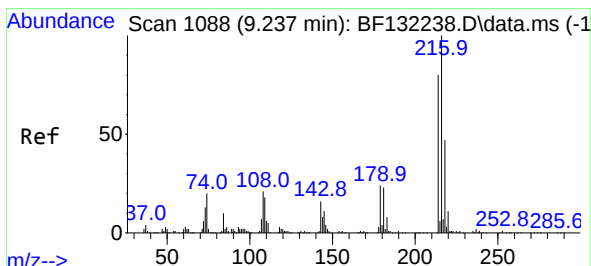
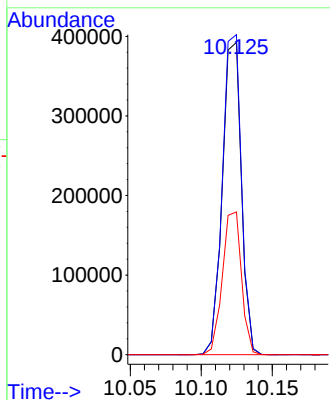
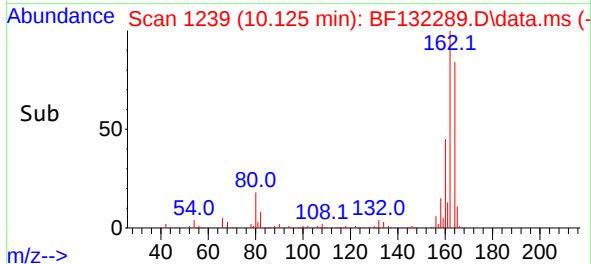
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



Tgt Ion:164 Resp: 366120
Ion Ratio Lower Upper
164 100
162 102.5 82.0 123.0
160 45.7 37.1 55.7

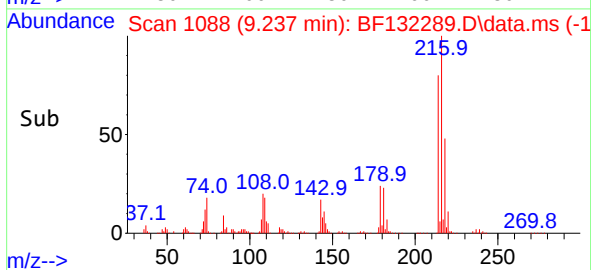
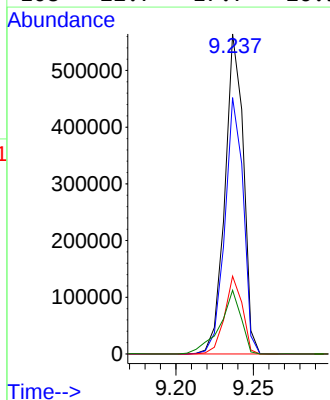
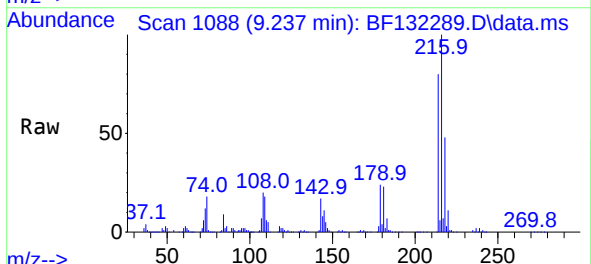
Manual Integrations
APPROVED

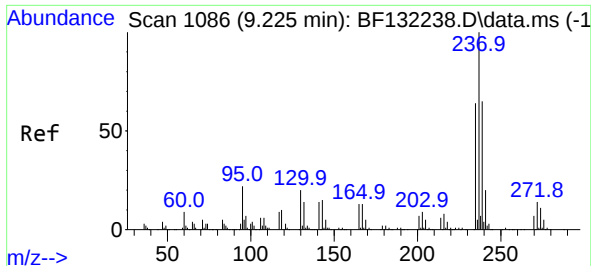
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.406 ng
RT: 9.237 min Scan# 1088
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

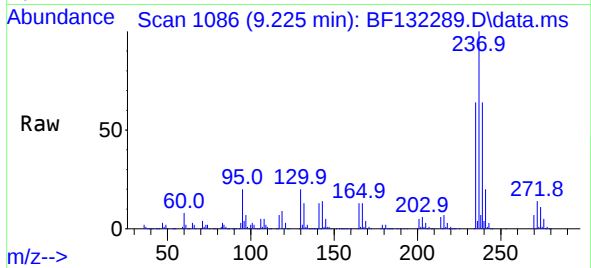
Tgt Ion:216 Resp: 467818
Ion Ratio Lower Upper
216 100
214 79.4 63.6 95.4
179 23.3 18.3 27.5
108 22.7 17.7 26.5





#41
Hexachlorocyclopentadiene
Concen: 94.783 ng
RT: 9.225 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

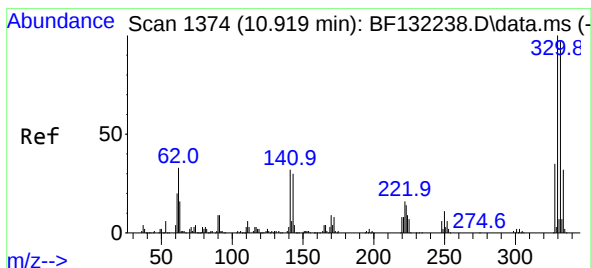
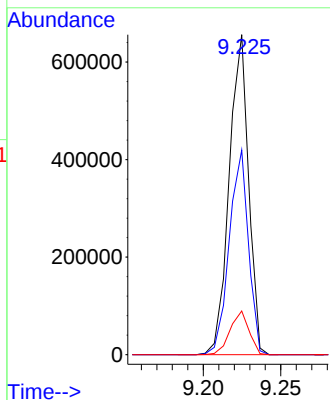
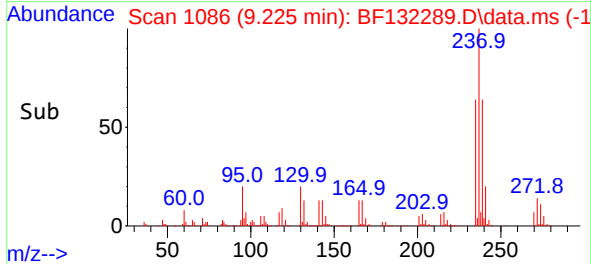
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



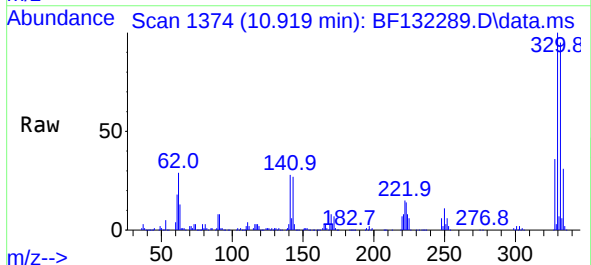
Tgt Ion:237 Resp: 569750
Ion Ratio Lower Upper
237 100
235 64.0 43.5 83.5
272 13.6 0.0 33.6

Manual Integrations
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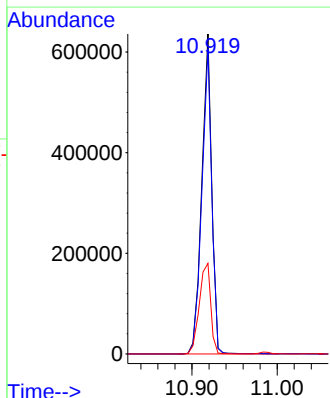
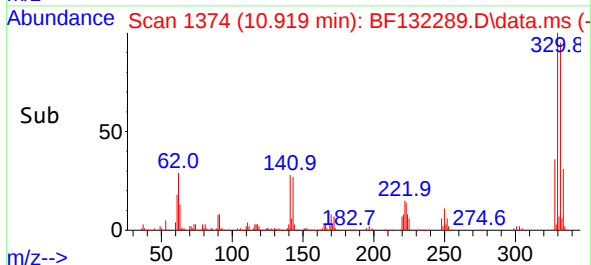
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

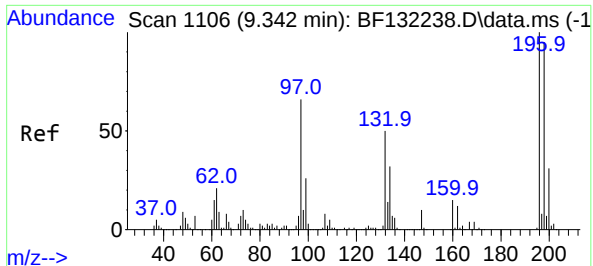


#42
2,4,6-Tribromophenol
Concen: 137.158 ng
RT: 10.919 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



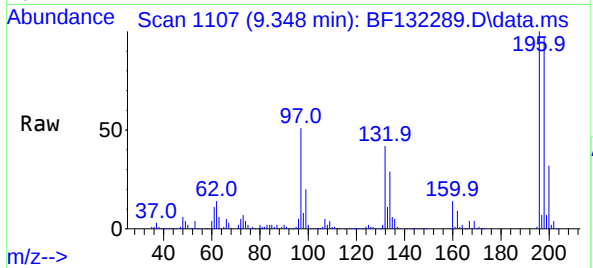
Tgt Ion:330 Resp: 516407
Ion Ratio Lower Upper
330 100
332 95.3 77.9 116.9
141 32.6 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 45.834 ng
RT: 9.348 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

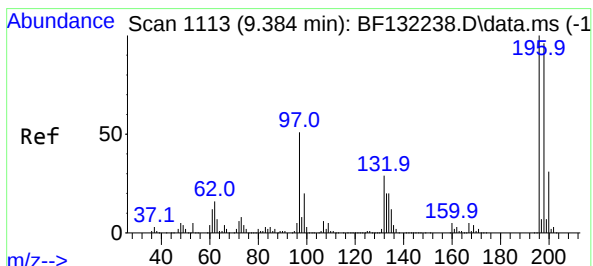
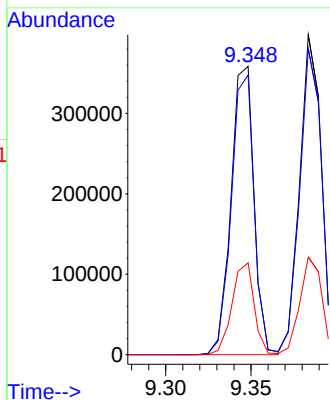
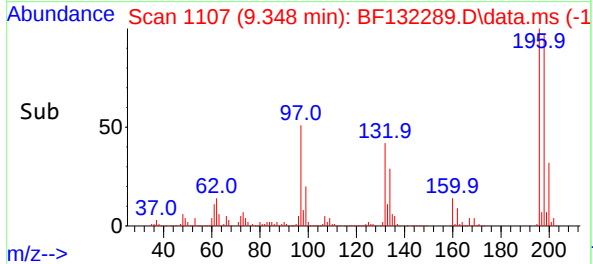
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



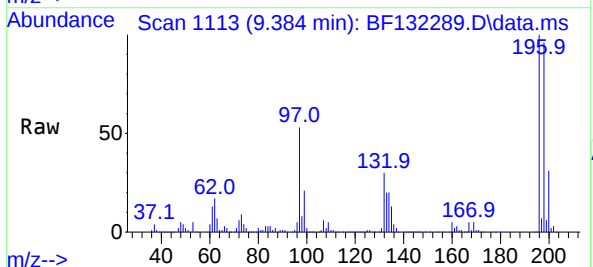
Tgt Ion:196 Resp: 337562
Ion Ratio Lower Upper
196 100
198 97.0 75.9 113.9
200 31.9 24.7 37.1

Manual Integrations
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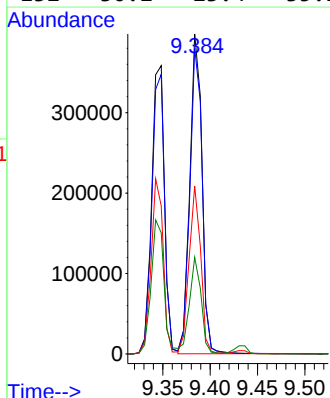
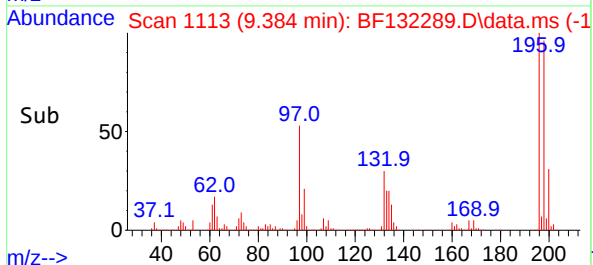
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

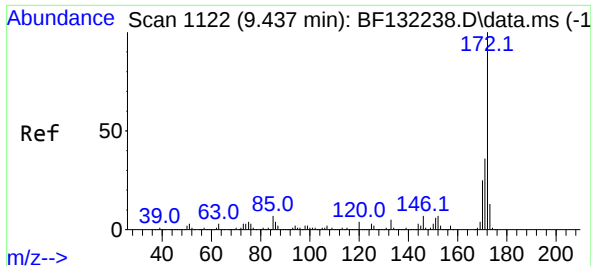


#44
2,4,5-Trichlorophenol
Concen: 42.059 ng
RT: 9.384 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



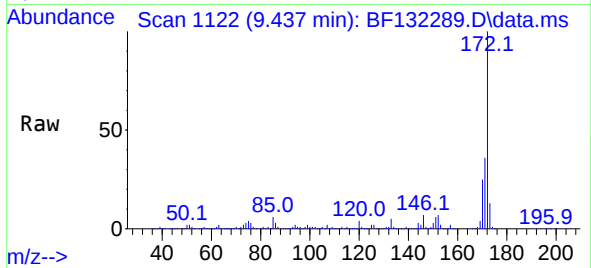
Tgt Ion:196 Resp: 356531
Ion Ratio Lower Upper
196 100
198 95.6 77.0 115.4
97 52.5 41.2 61.8
132 30.2 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 77.953 ng
RT: 9.437 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

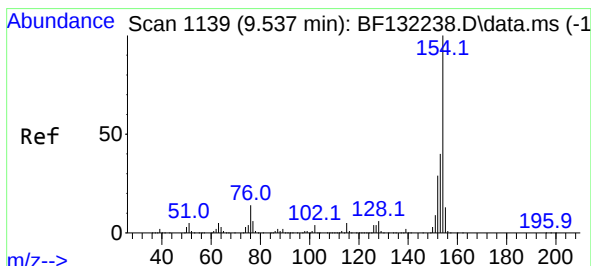
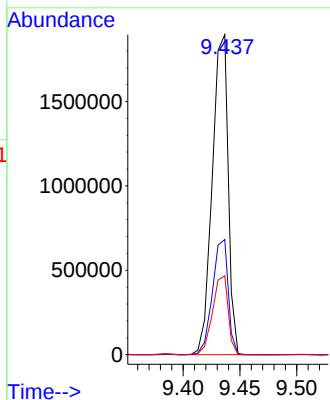
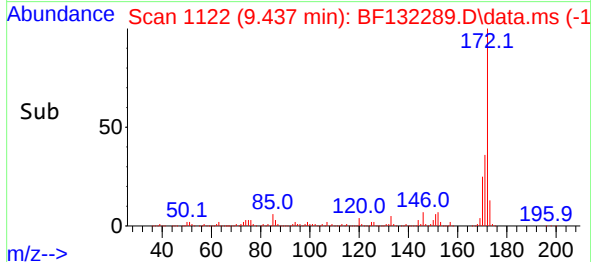
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



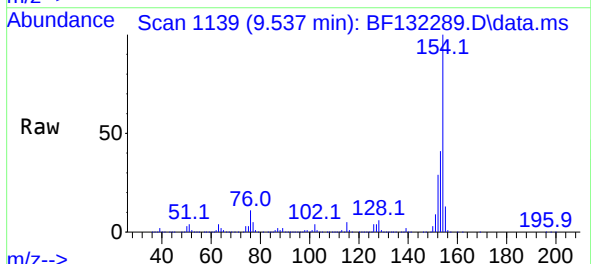
Tgt Ion:172 Resp: 184816
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.6 19.7 29.5

Manual Integrations
APPROVED

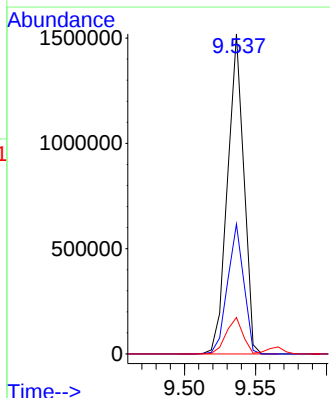
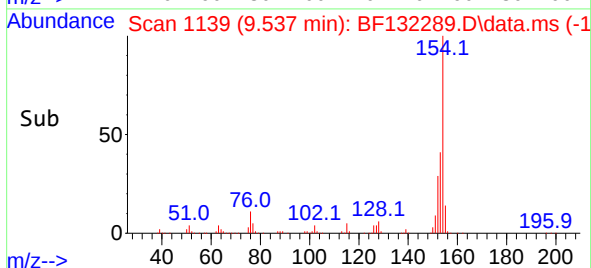
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

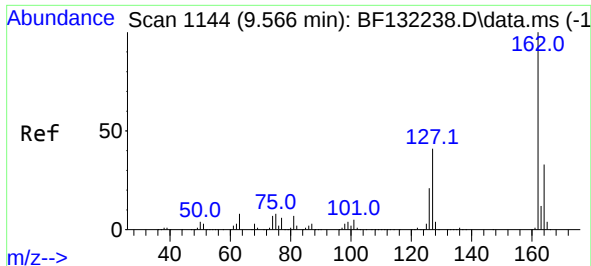


#46
1,1'-Biphenyl
Concen: 43.023 ng
RT: 9.537 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



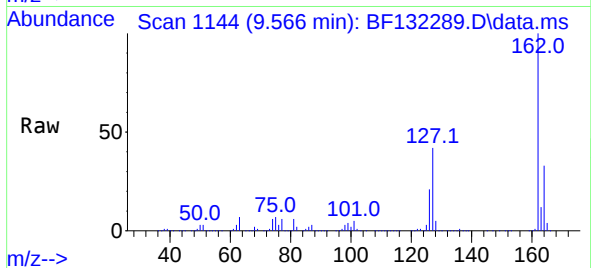
Tgt Ion:154 Resp: 1214350
Ion Ratio Lower Upper
154 100
153 40.6 19.9 59.9
76 11.4 0.0 34.0





#47
2-Chloronaphthalene
Concen: 44.184 ng
RT: 9.566 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

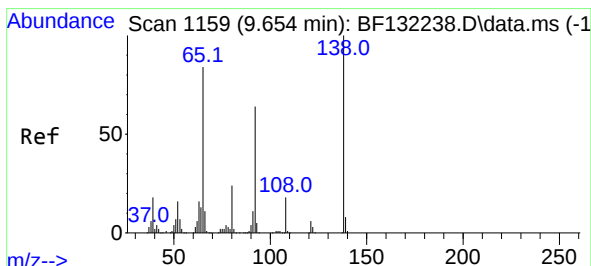
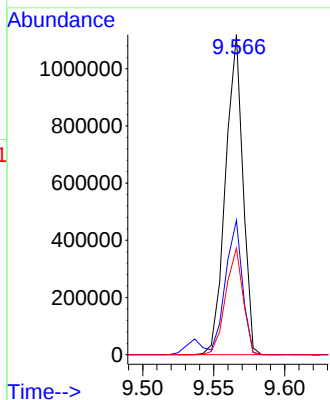
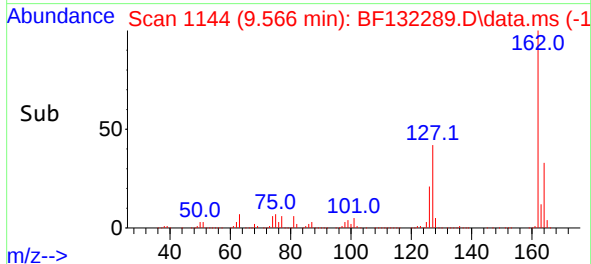
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



Tgt Ion:162 Resp: 94986
Ion Ratio Lower Upper
162 100
127 42.0 33.3 49.9
164 33.3 26.8 40.2

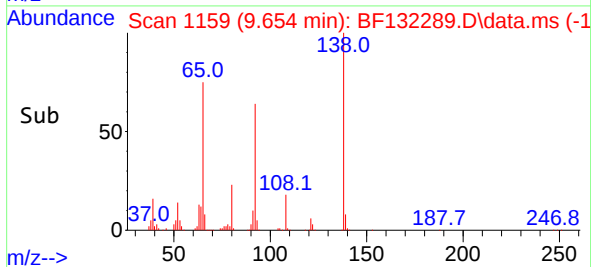
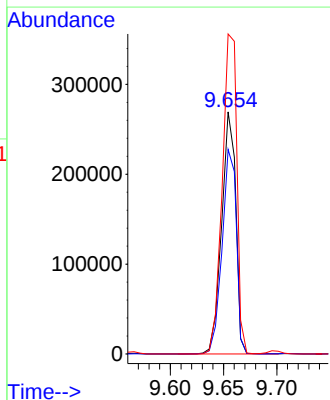
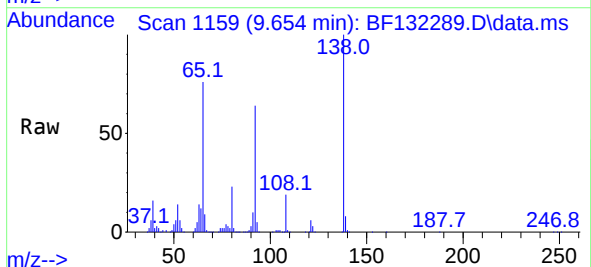
Manual Integrations
APPROVED

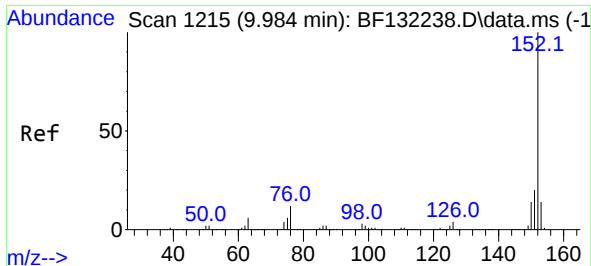
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#48
2-Nitroaniline
Concen: 38.699 ng
RT: 9.654 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

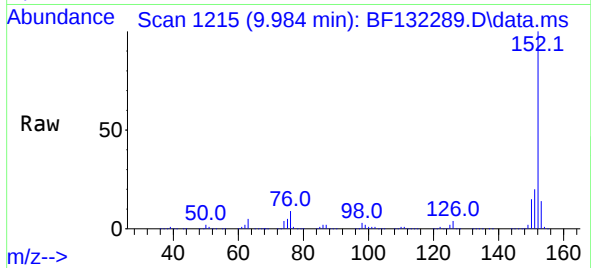
Tgt Ion: 65 Resp: 247425
Ion Ratio Lower Upper
65 100
92 84.4 61.0 91.4
138 132.2 95.0 142.4





#49
Acenaphthylene
Concen: 42.679 ng
RT: 9.984 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

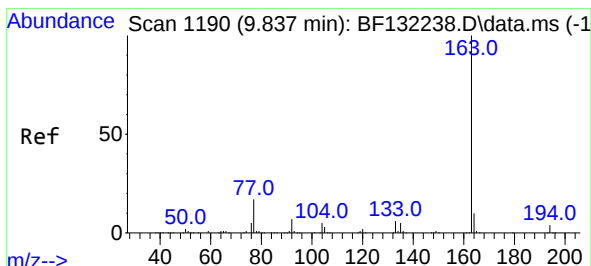
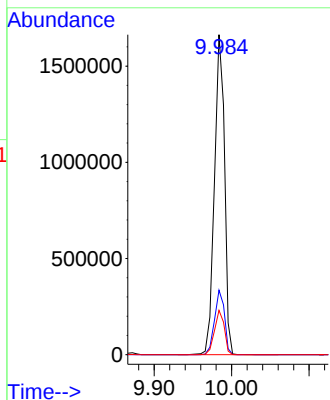
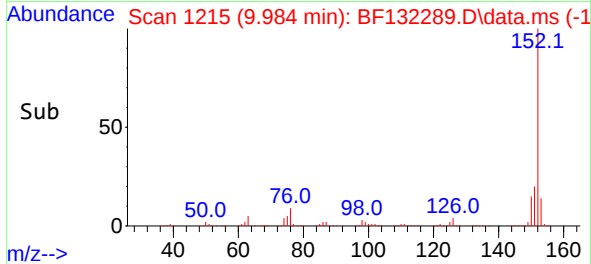
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



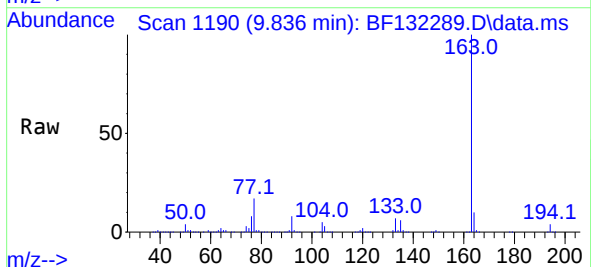
Tgt Ion:152 Resp: 1497459
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.8 10.9 16.3

Manual Integrations
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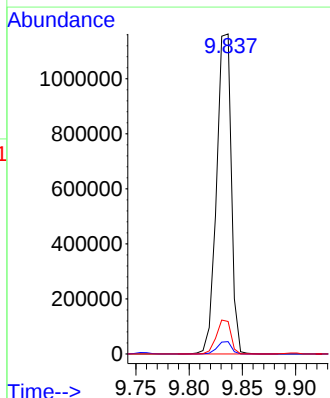
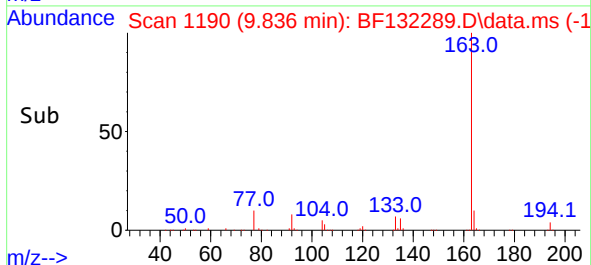
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

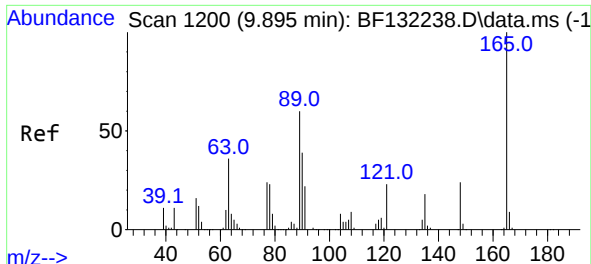


#50
Dimethylphthalate
Concen: 43.340 ng
RT: 9.836 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



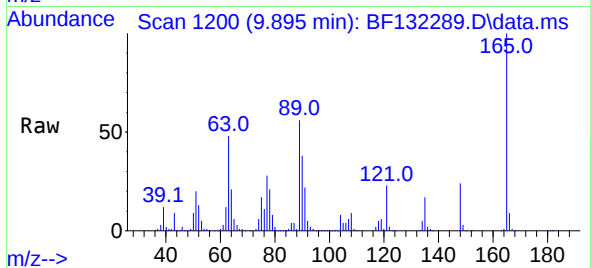
Tgt Ion:163 Resp: 1109957
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 45.048 ng
RT: 9.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

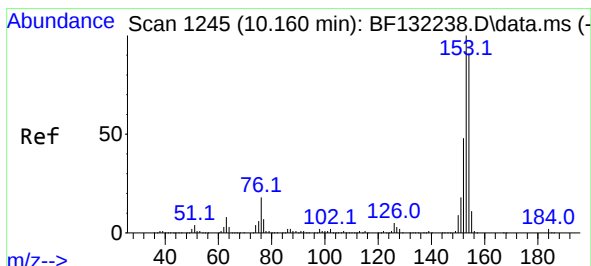
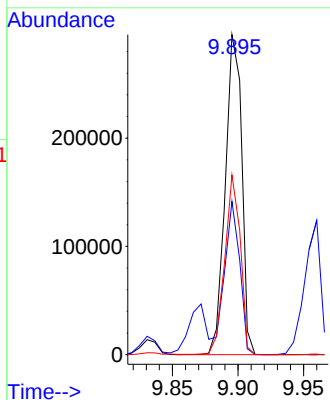
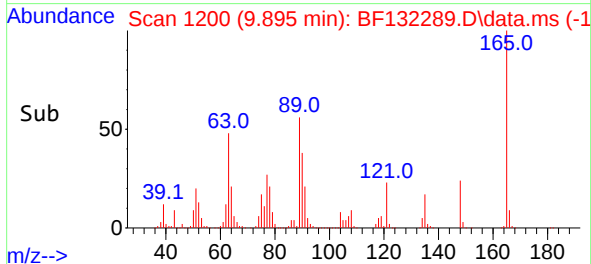
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



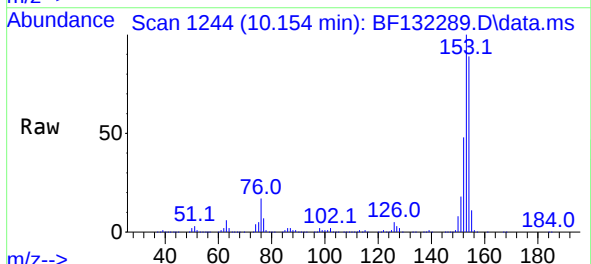
Tgt Ion:165 Resp: 257660
Ion Ratio Lower Upper
165 100
63 47.9 41.5 62.3
89 56.1 48.1 72.1

Manual Integrations
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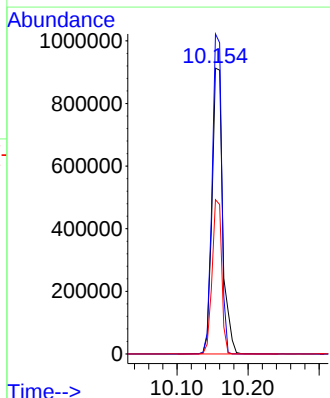
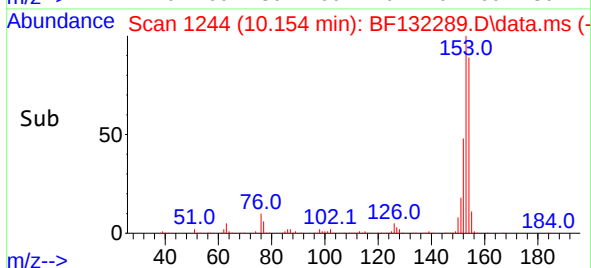
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

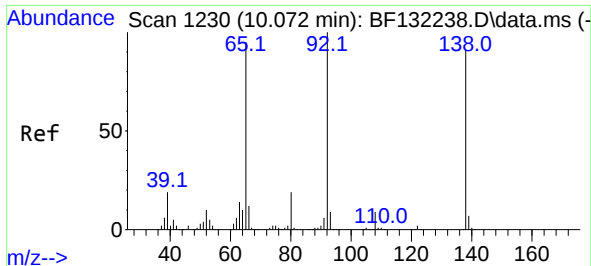


#52
Acenaphthene
Concen: 43.605 ng
RT: 10.154 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



Tgt Ion:154 Resp: 957845
Ion Ratio Lower Upper
154 100
153 112.0 88.3 132.5
152 54.0 42.7 64.1





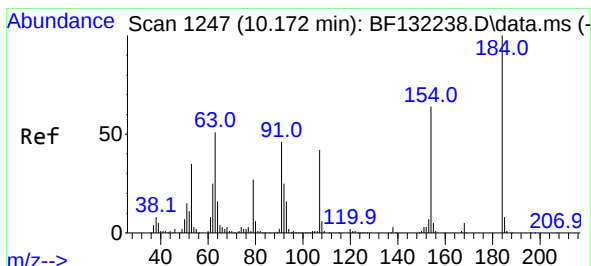
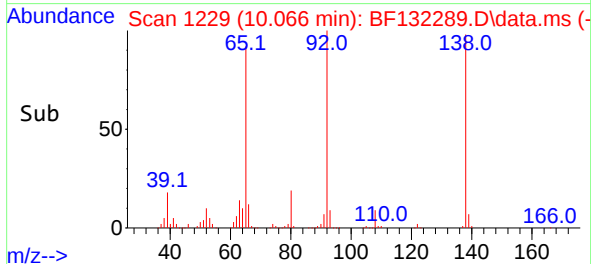
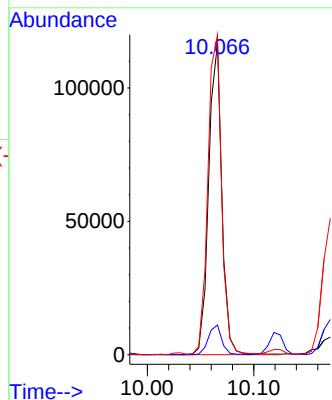
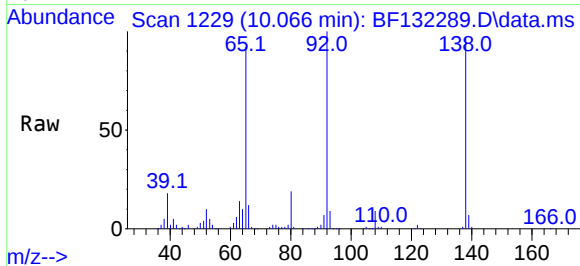
#53
3-Nitroaniline
Concen: 14.472 ng
RT: 10.066 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD

Tgt Ion:138 Resp: 10038
Ion Ratio Lower Upper
138 100
108 9.5 7.6 11.4
92 102.8 88.3 132.5

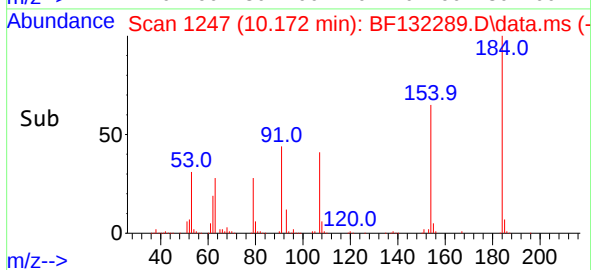
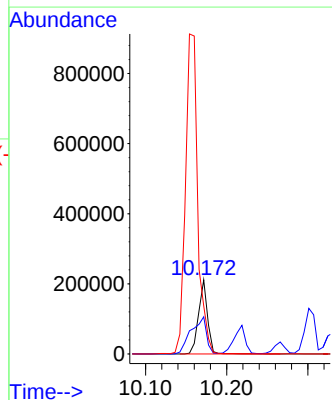
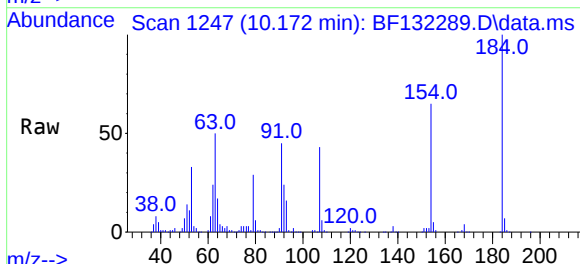
Manual Integrations
APPROVED

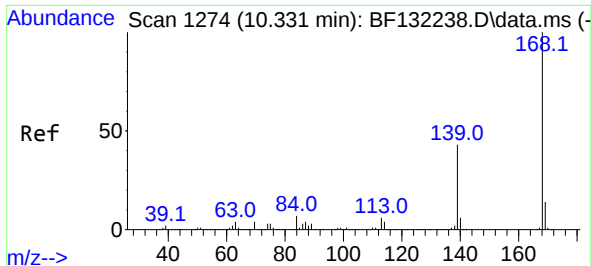
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#54
2,4-Dinitrophenol
Concen: 51.134 ng
RT: 10.172 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

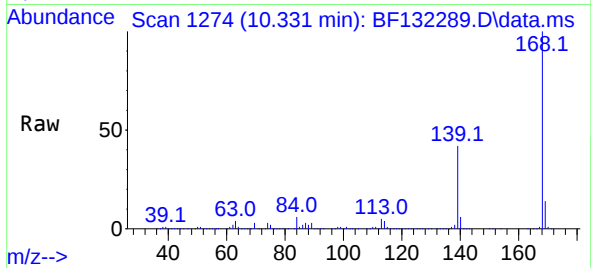
Tgt Ion:184 Resp: 164064
Ion Ratio Lower Upper
184 100
63 50.2 41.6 62.4
154 65.0 57.0 85.6





#55
Dibenzenofuran
Concen: 42.114 ng
RT: 10.331 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

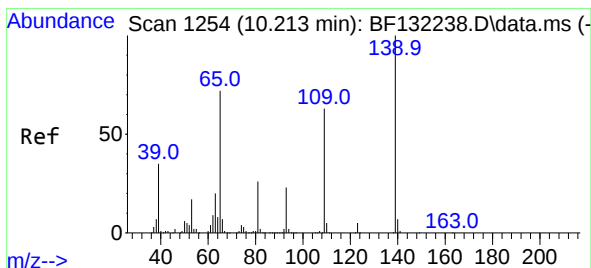
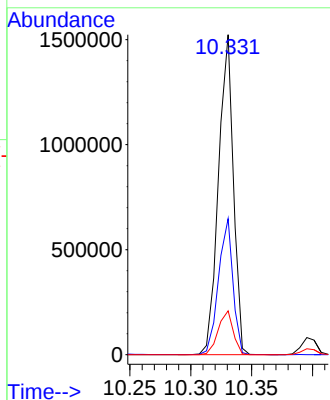
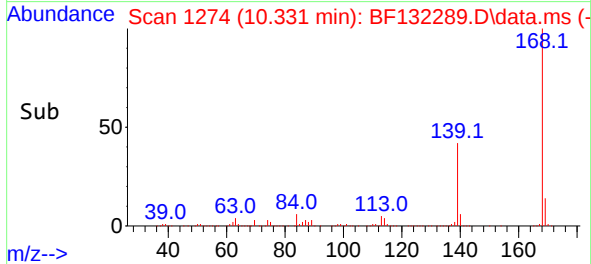
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



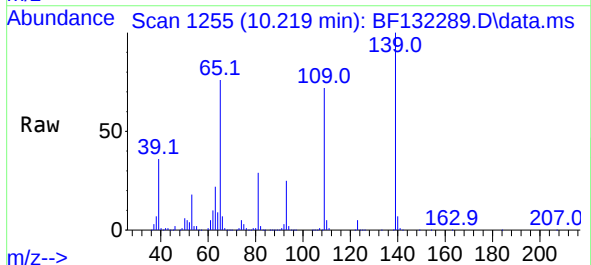
Tgt Ion:168 Resp: 1299777
Ion Ratio Lower Upper
168 100
139 42.5 34.2 51.4
169 13.7 11.2 16.8

Manual Integrations
APPROVED

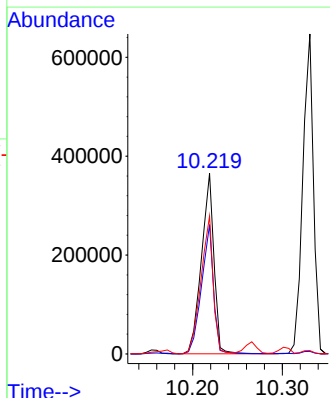
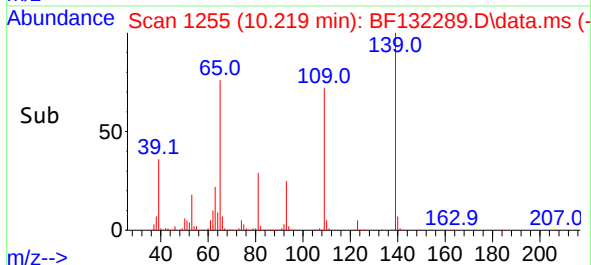
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

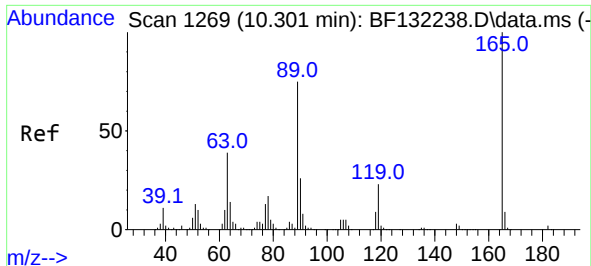


#56
4-Nitrophenol
Concen: 67.951 ng
RT: 10.219 min Scan# 1255
Delta R.T. 0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



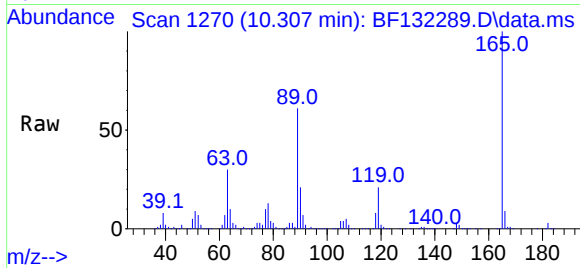
Tgt Ion:139 Resp: 354682
Ion Ratio Lower Upper
139 100
109 71.5 43.3 83.3
65 76.4 52.3 92.3





#57
2,4-Dinitrotoluene
Concen: 44.813 ng
RT: 10.307 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

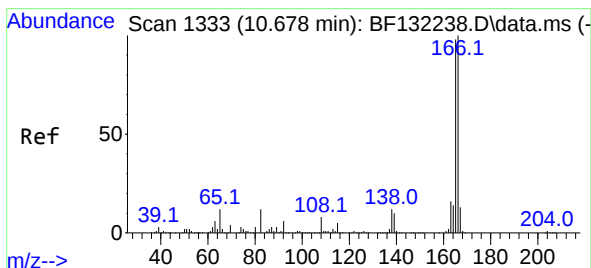
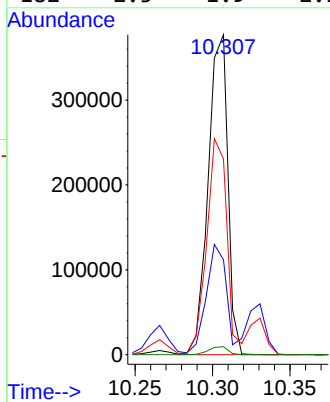
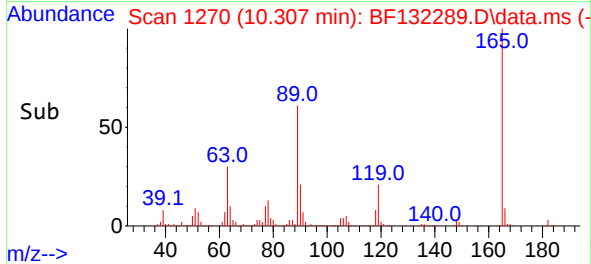
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



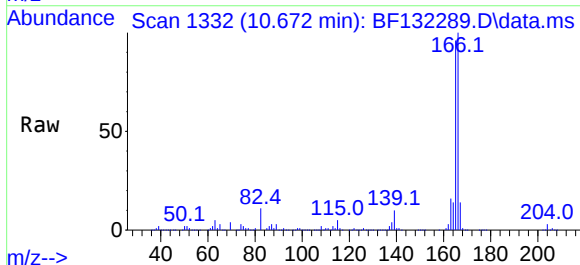
Tgt Ion:165 Resp: 332959
Ion Ratio Lower Upper
165 100
63 29.7 30.9 46.3
89 61.2 60.1 90.1
182 2.5 1.9 2.9

Manual Integrations
APPROVED

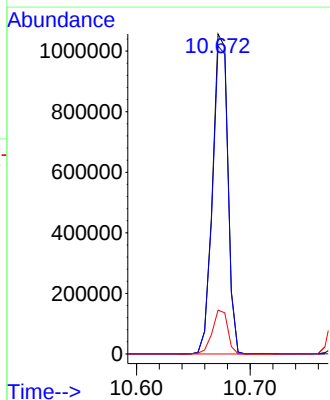
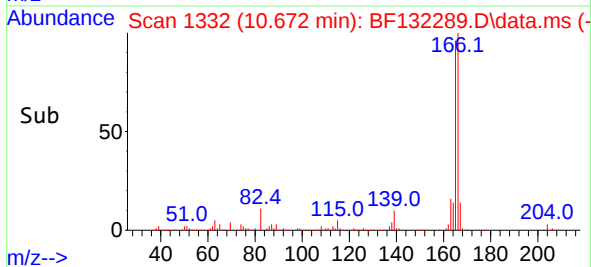
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

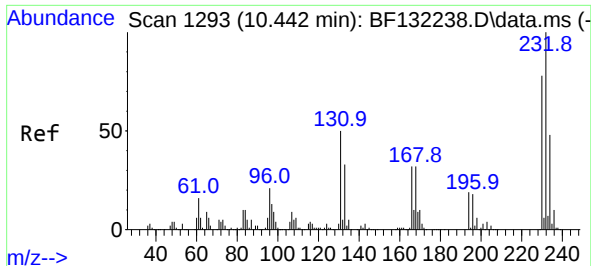


#58
Fluorene
Concen: 41.818 ng
RT: 10.672 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



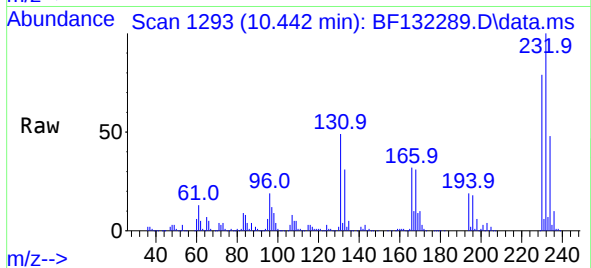
Tgt Ion:166 Resp: 993277
Ion Ratio Lower Upper
166 100
165 96.3 78.0 117.0
167 13.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.833 ng
RT: 10.442 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

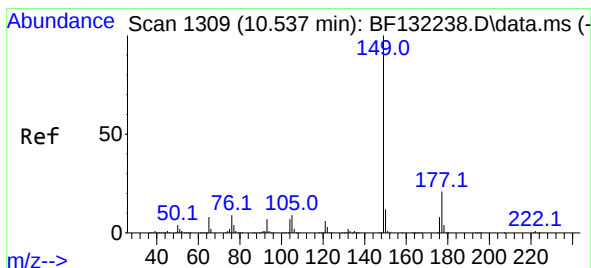
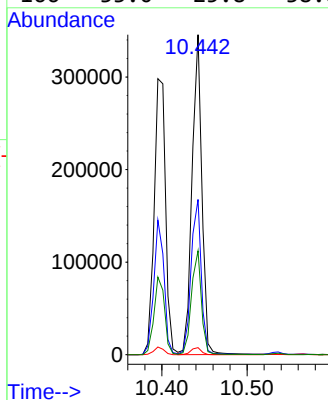
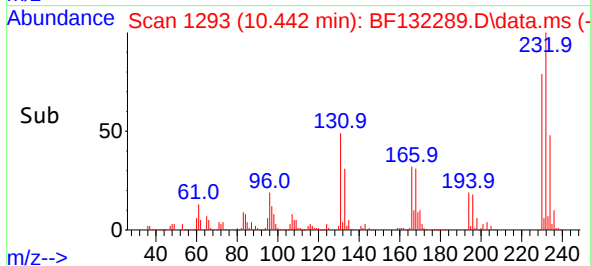
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



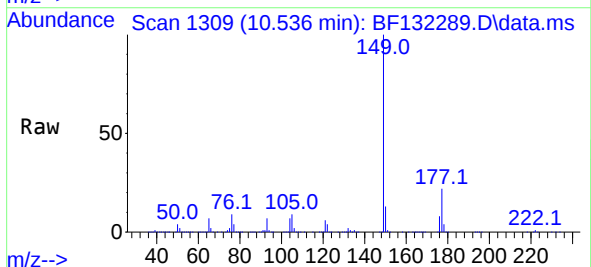
Tgt Ion:232 Resp: 277064
Ion Ratio Lower Upper
232 100
131 49.8 40.6 61.0
130 2.3 1.9 2.9
166 33.0 25.8 38.8

Manual Integrations
APPROVED

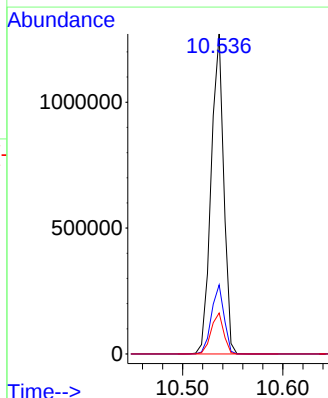
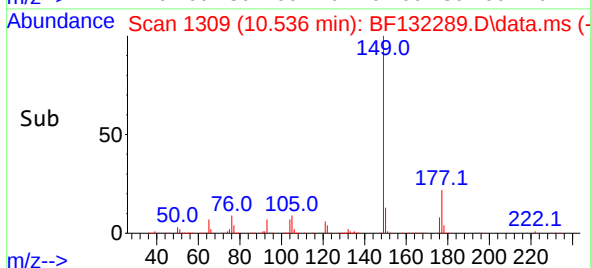
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

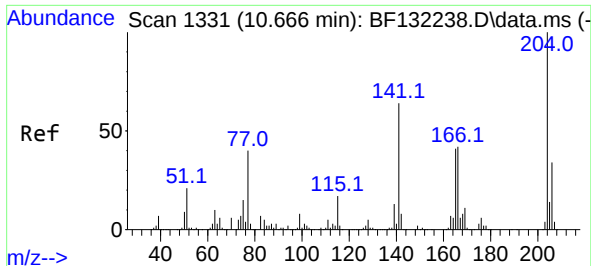


#60
Diethylphthalate
Concen: 43.682 ng
RT: 10.536 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



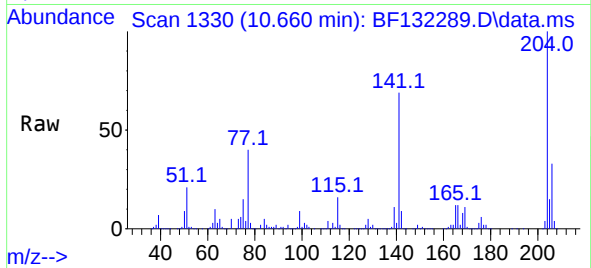
Tgt Ion:149 Resp: 1112897
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 43.555 ng
RT: 10.660 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

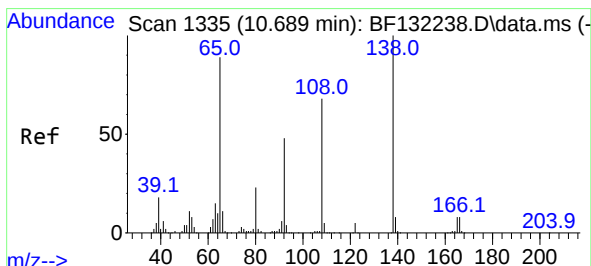
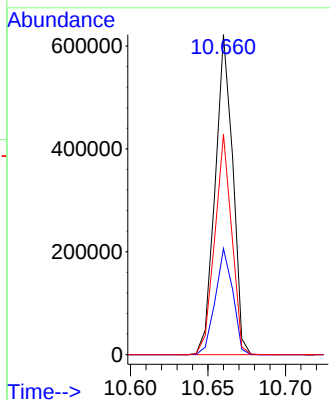
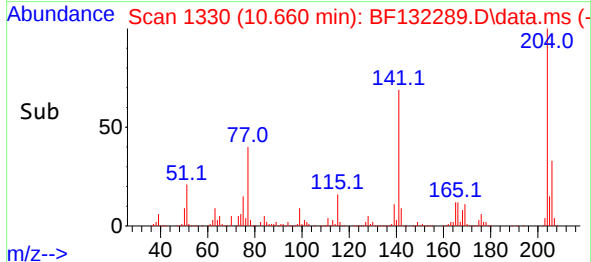
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



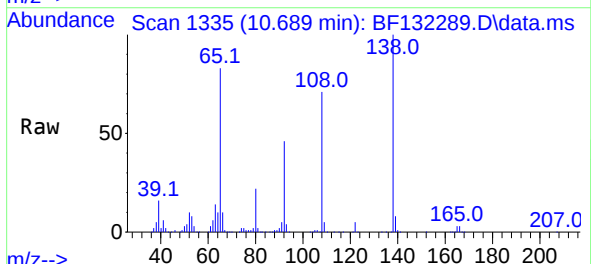
Tgt Ion:204 Resp: 49097
Ion Ratio Lower Upper
204 100
206 33.2 26.8 40.2
141 68.9 51.4 77.0

Manual Integrations
APPROVED

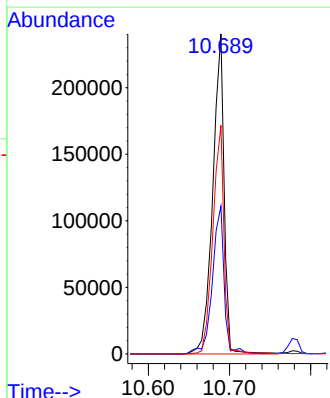
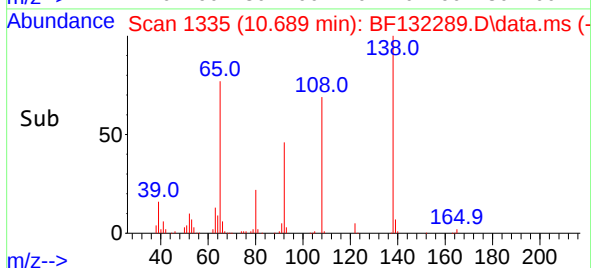
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

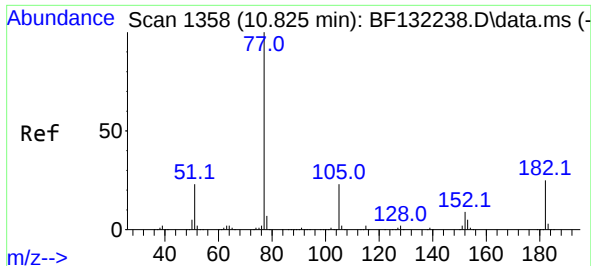


#62
4-Nitroaniline
Concen: 35.172 ng
RT: 10.689 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



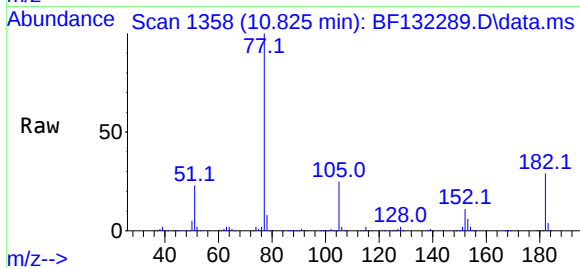
Tgt Ion:138 Resp: 233947
Ion Ratio Lower Upper
138 100
92 46.2 27.7 67.7
108 71.5 48.5 88.5





#63
Azobenzene
Concen: 38.776 ng
RT: 10.825 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

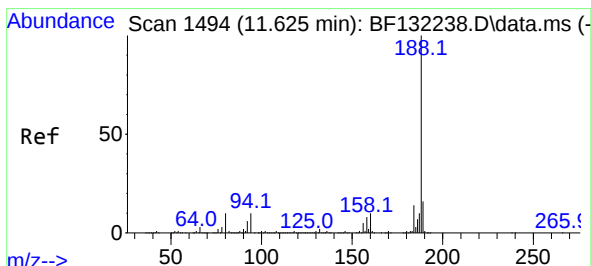
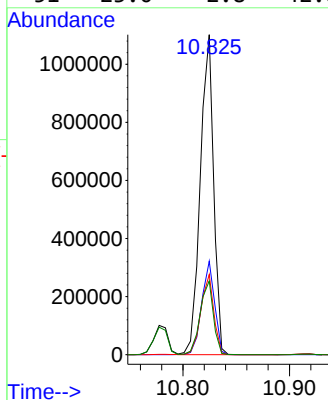
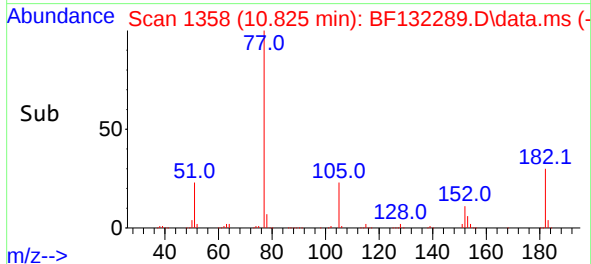
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



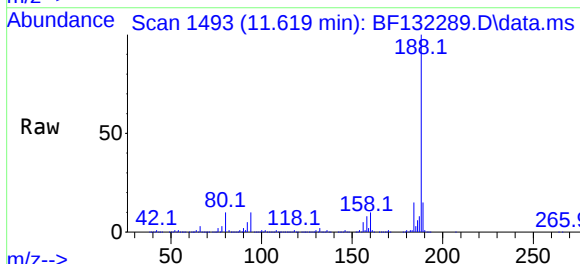
Tgt Ion: 77 Resp: 962284
Ion Ratio Lower Upper
77 100
182 29.2 4.5 44.5
105 25.0 2.7 42.7
51 23.0 2.8 42.8

Manual Integrations
APPROVED

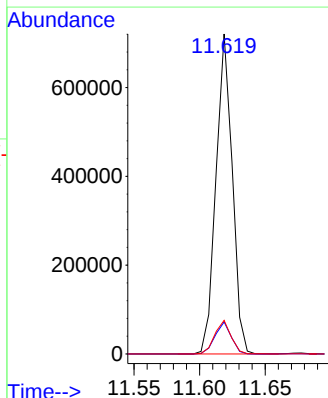
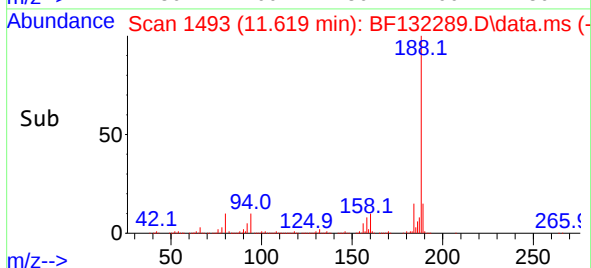
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

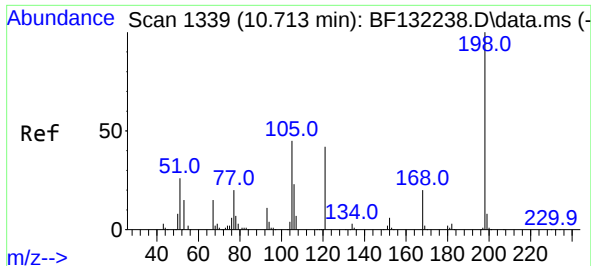


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



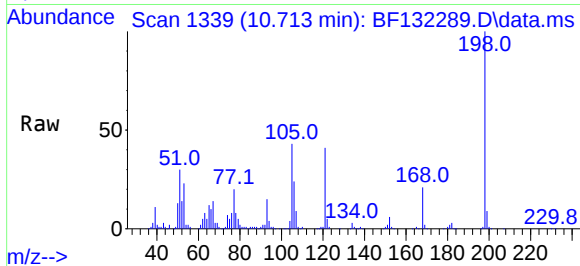
Tgt Ion:188 Resp: 621391
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 10.5 8.3 12.5





#65
4,6-Dinitro-2-methylphenol
Concen: 39.148 ng
RT: 10.713 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

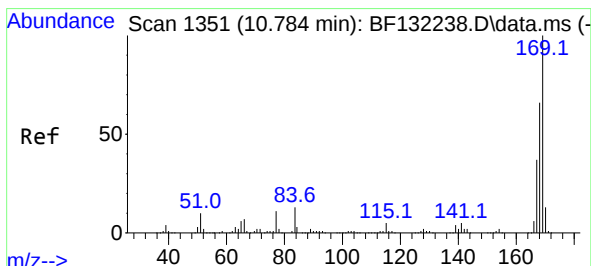
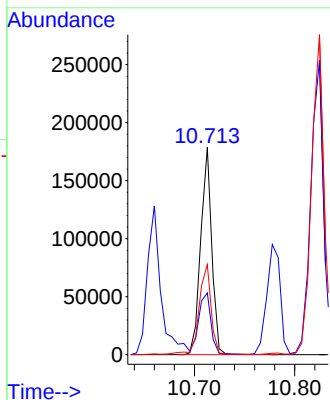
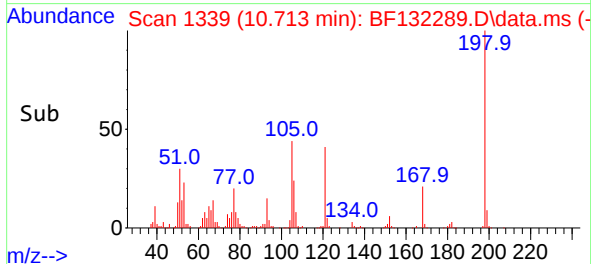
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



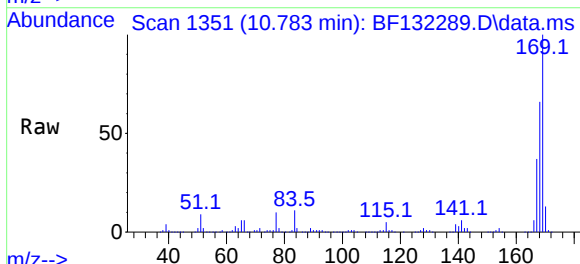
Tgt Ion:198 Resp: 138064
Ion Ratio Lower Upper
198 100
51 29.8 13.1 53.1
105 43.4 26.0 66.0

Manual Integrations
APPROVED

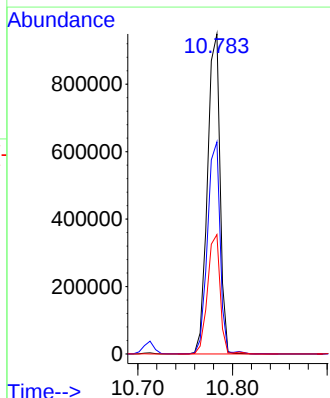
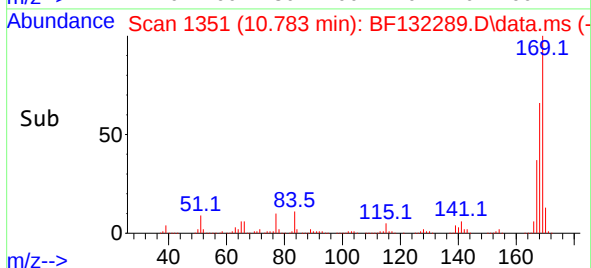
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

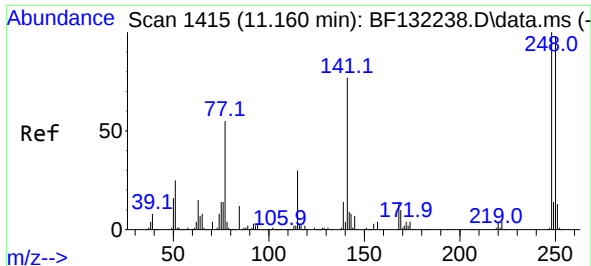


#66
n-Nitrosodiphenylamine
Concen: 44.819 ng
RT: 10.783 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



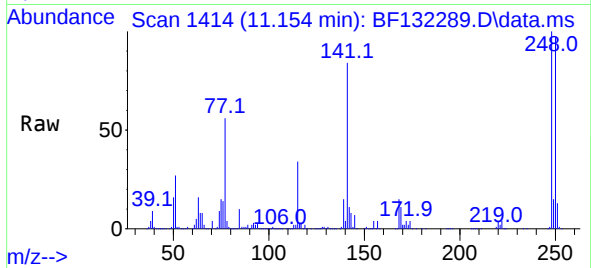
Tgt Ion:169 Resp: 872086
Ion Ratio Lower Upper
169 100
168 66.2 52.6 79.0
167 37.3 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 48.282 ng
RT: 11.154 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

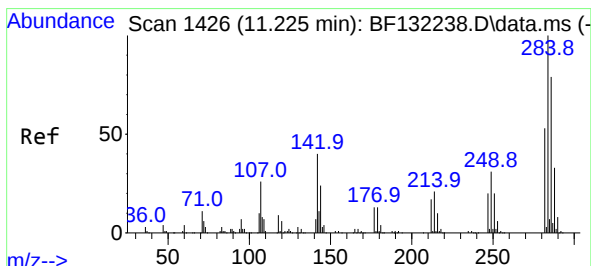
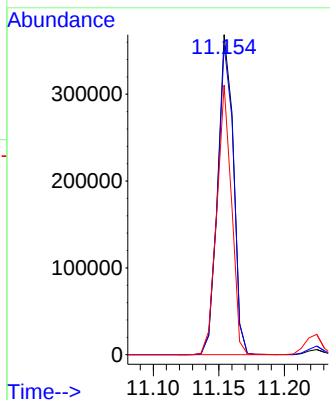
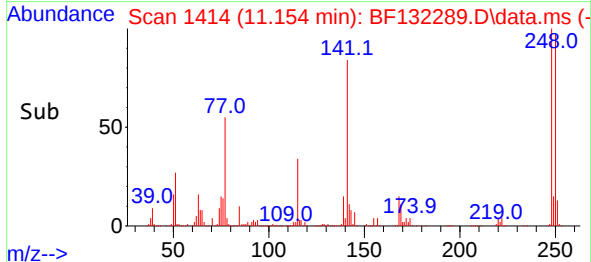
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



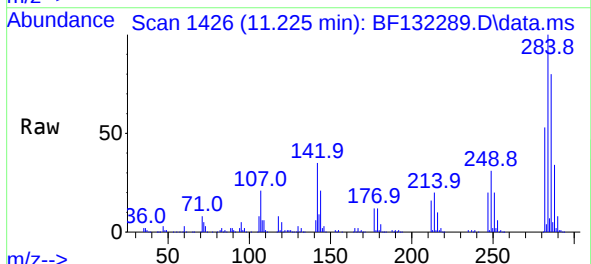
Tgt Ion:248 Resp: 307220
Ion Ratio Lower Upper
248 100
250 96.9 78.6 117.8
141 84.2 61.6 92.4

Manual Integrations
APPROVED

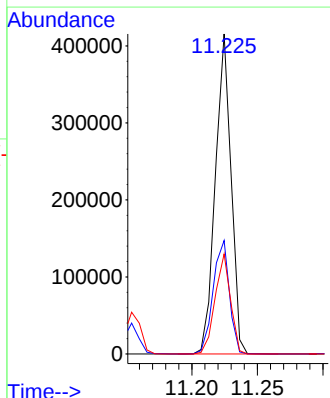
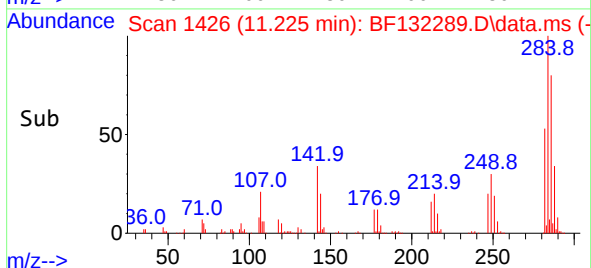
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

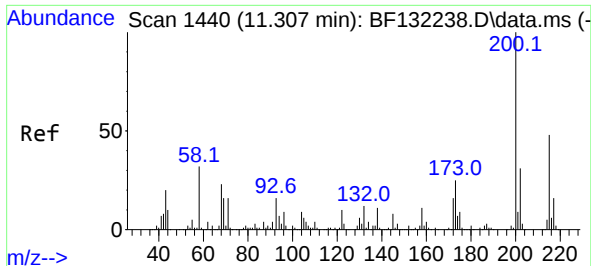


#68
Hexachlorobenzene
Concen: 50.738 ng
RT: 11.225 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



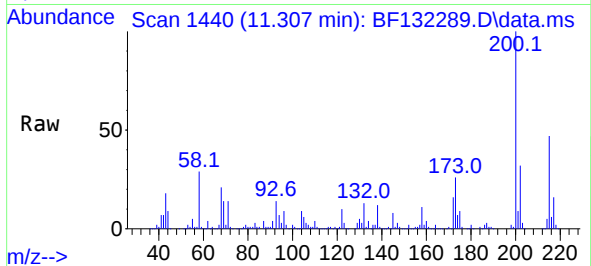
Tgt Ion:284 Resp: 345073
Ion Ratio Lower Upper
284 100
142 35.5 32.2 48.4
249 31.2 25.0 37.6





#69
Atrazine
Concen: 50.864 ng
RT: 11.307 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

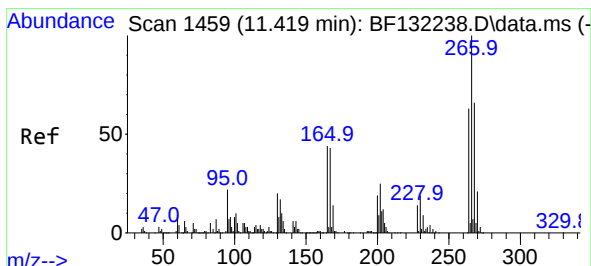
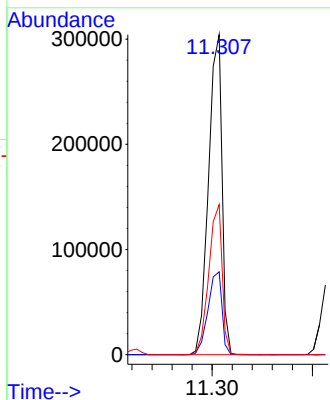
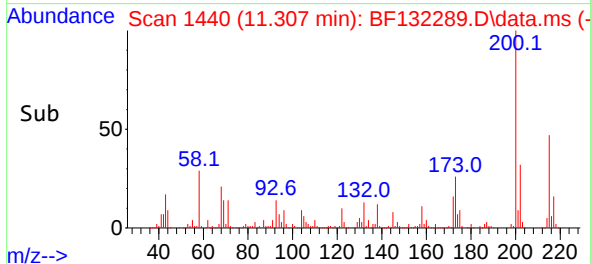
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



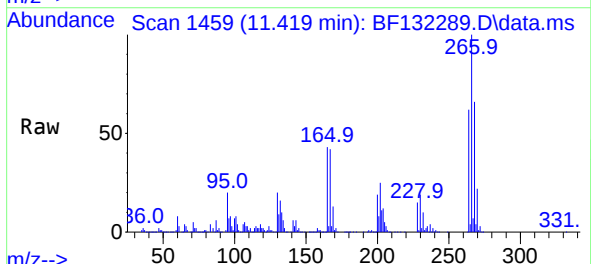
Tgt Ion:200 Resp: 284674
Ion Ratio Lower Upper
200 100
173 25.9 5.1 45.1
215 46.9 27.6 67.6

Manual Integrations
APPROVED

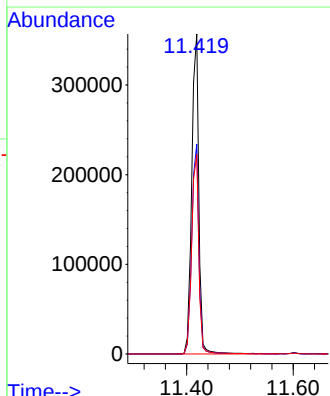
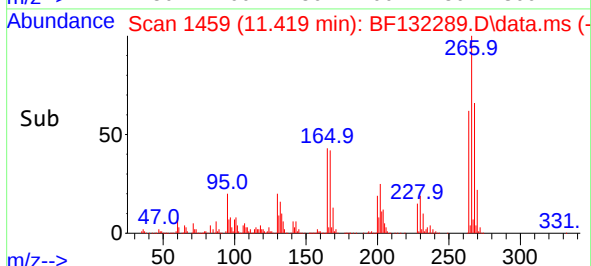
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

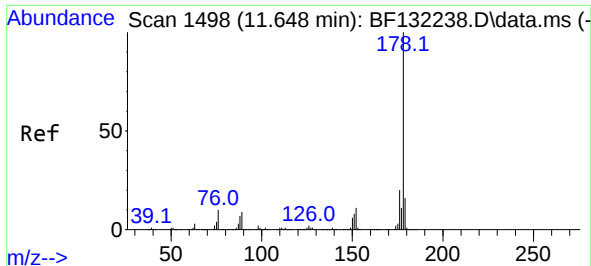


#70
Pentachlorophenol
Concen: 70.716 ng
RT: 11.419 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



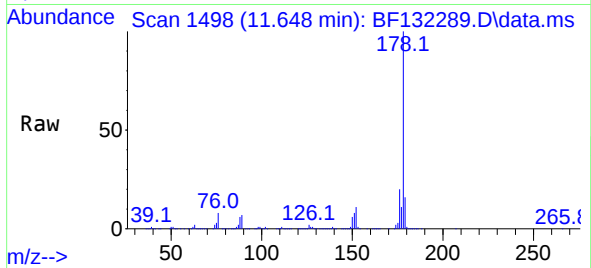
Tgt Ion:266 Resp: 330448
Ion Ratio Lower Upper
266 100
268 65.6 53.0 79.4
264 62.4 50.5 75.7





#71
Phenanthrene
Concen: 43.317 ng
RT: 11.648 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

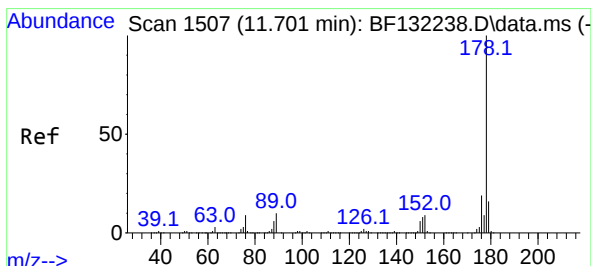
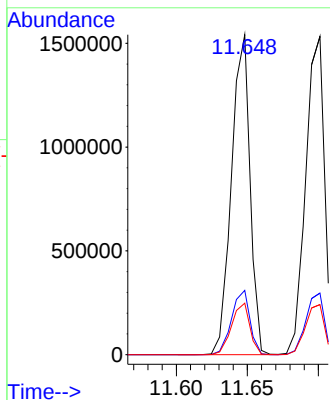
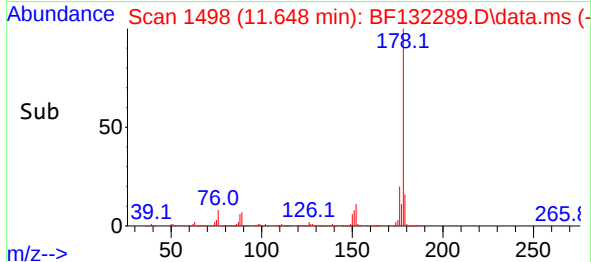
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



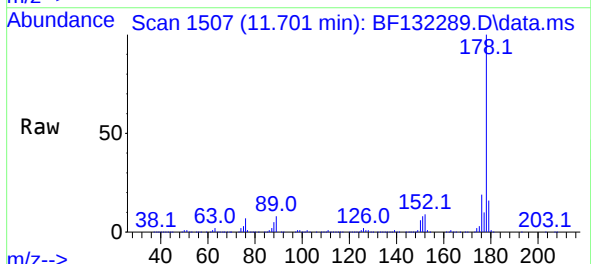
Tgt Ion:178 Resp: 1406544
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.1 12.8 19.2

Manual Integrations
APPROVED

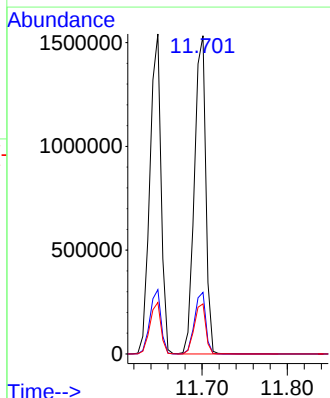
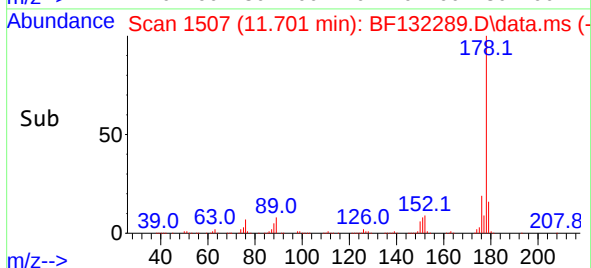
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

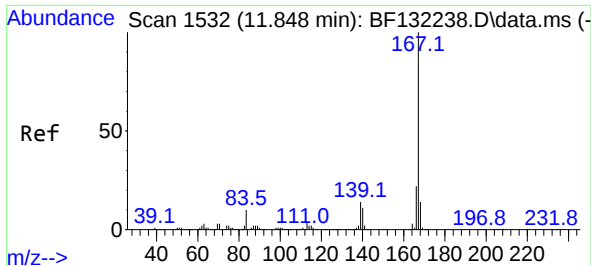


#72
Anthracene
Concen: 42.980 ng
RT: 11.701 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



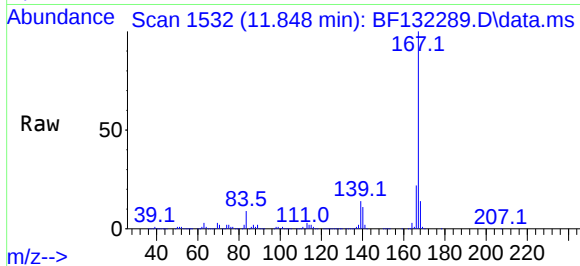
Tgt Ion:178 Resp: 1420291
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.7 12.8 19.2





#73
 Carbazole
 Concen: 40.070 ng
 RT: 11.848 min Scan# 1532
 Delta R.T. -0.000 min
 Lab File: BF132289.D
 Acq: 02 Feb 2023 13:22

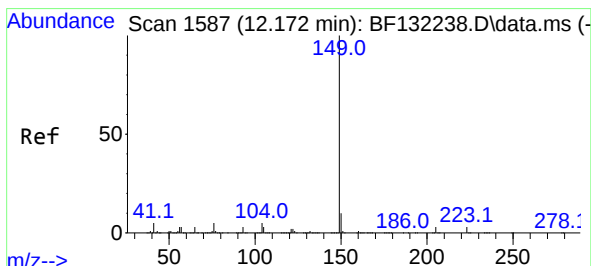
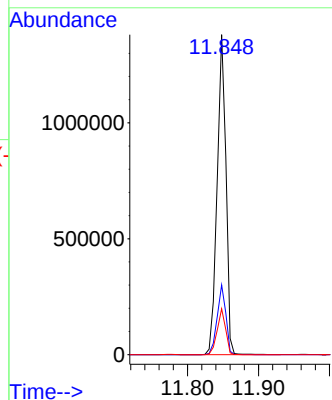
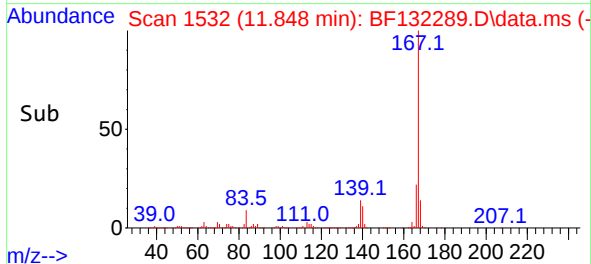
Instrument :
 BNA_F
 ClientSampleId :
 JPP-11-012723MSD



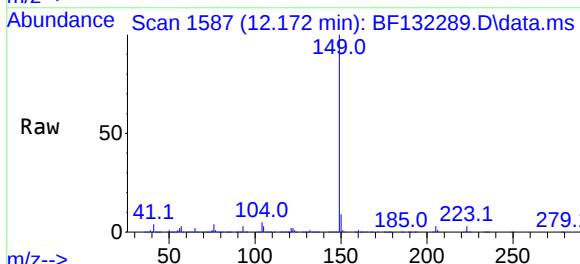
Tgt Ion:167 Resp: 1187281
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 14.3 11.4 17.2

Manual Integrations
 APPROVED

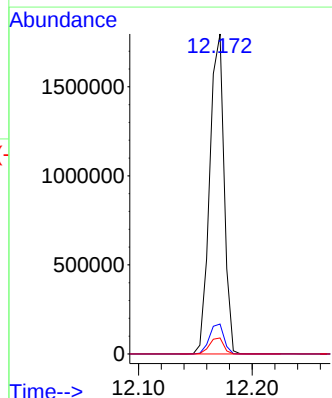
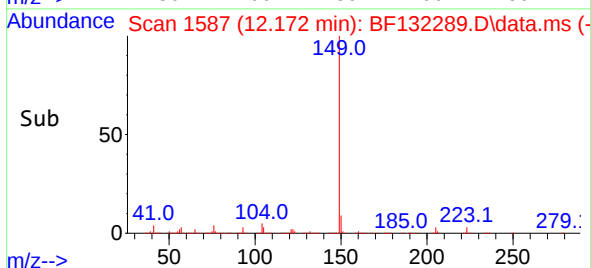
Reviewed By :Christian Giraldo 02/03/2023
 Supervised By :Jagrut Upadhyay 02/03/2023

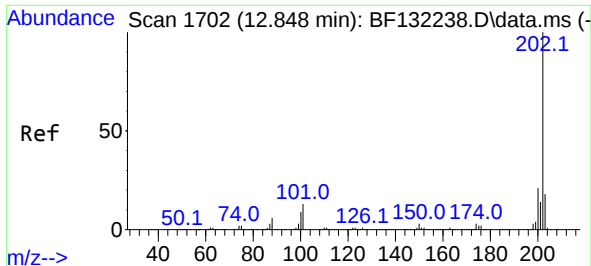


#74
 Di-n-butylphthalate
 Concen: 44.882 ng
 RT: 12.172 min Scan# 1587
 Delta R.T. -0.000 min
 Lab File: BF132289.D
 Acq: 02 Feb 2023 13:22



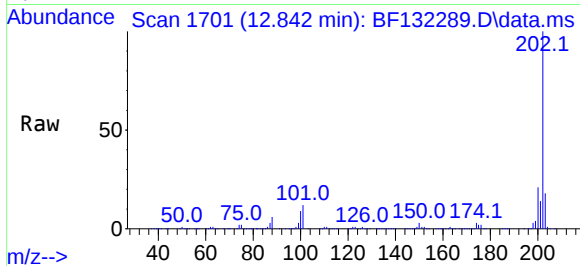
Tgt Ion:149 Resp: 1572221
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.8
 104 5.0 4.3 6.5





#75
Fluoranthene
Concen: 37.140 ng
RT: 12.842 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

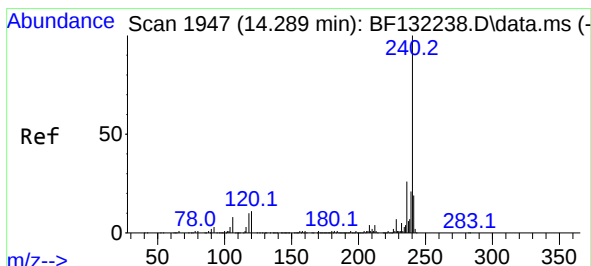
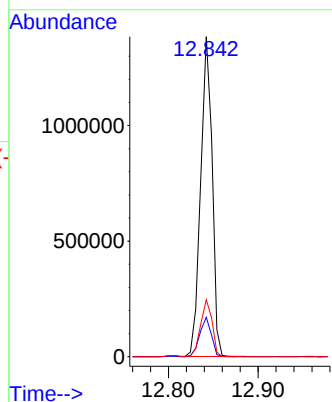
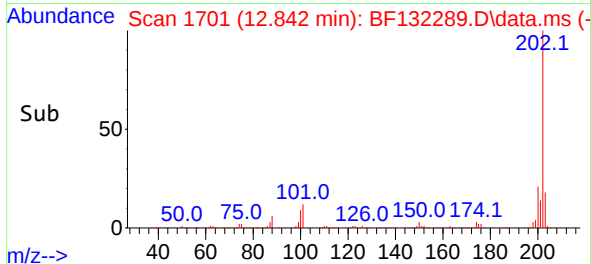
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



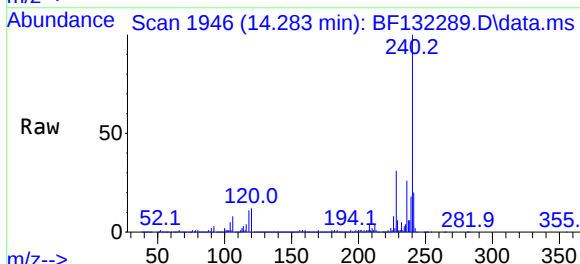
Tgt Ion:202 Resp: 123066
Ion Ratio Lower Upper
202 100
101 12.3 0.0 32.7
203 17.8 0.0 37.9

Manual Integrations
APPROVED

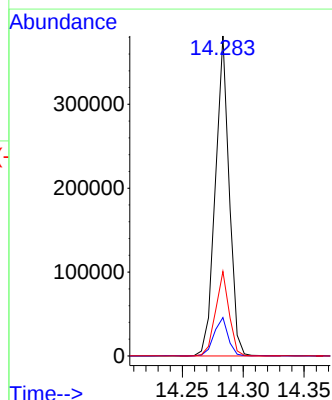
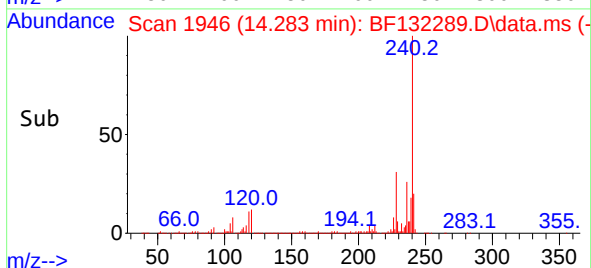
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

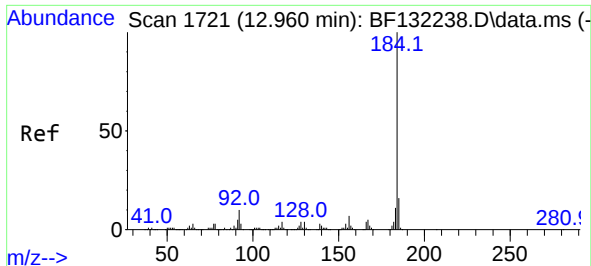


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.283 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



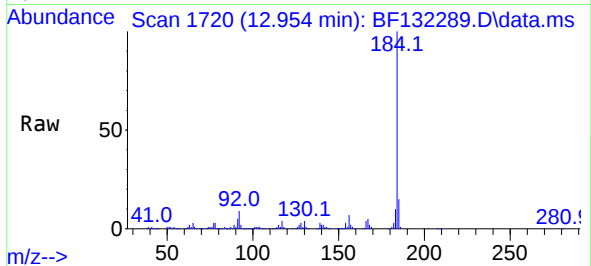
Tgt Ion:240 Resp: 300734
Ion Ratio Lower Upper
240 100
120 12.0 8.8 13.2
236 26.4 21.0 31.6





#77
Benzidine
Concen: 14.638 ng
RT: 12.954 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

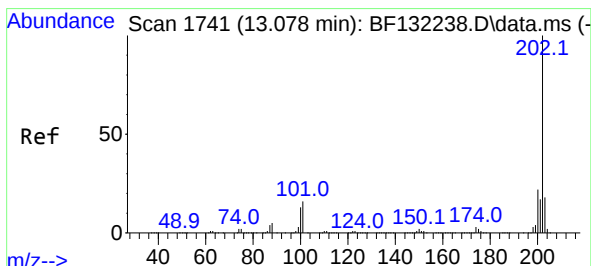
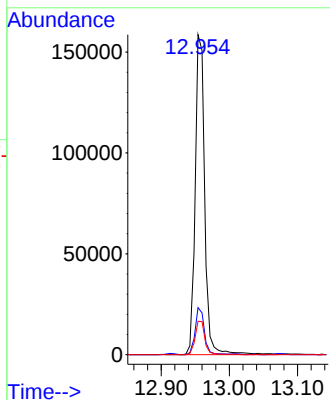
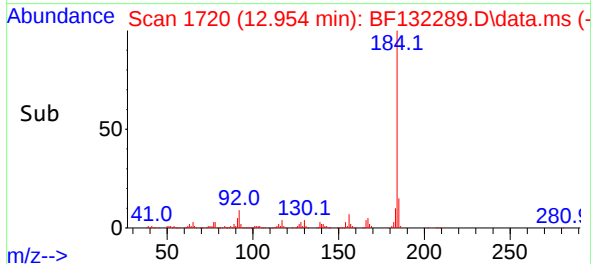
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



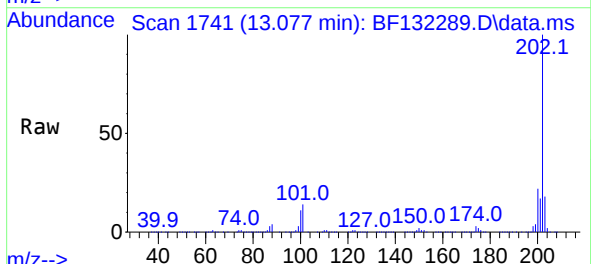
Tgt Ion:184 Resp: 153908
Ion Ratio Lower Upper
184 100
185 14.7 12.6 18.8
183 10.5 8.9 13.3

Manual Integrations
APPROVED

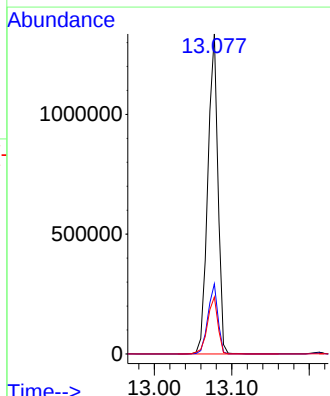
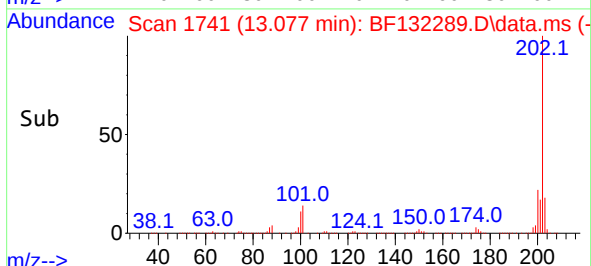
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

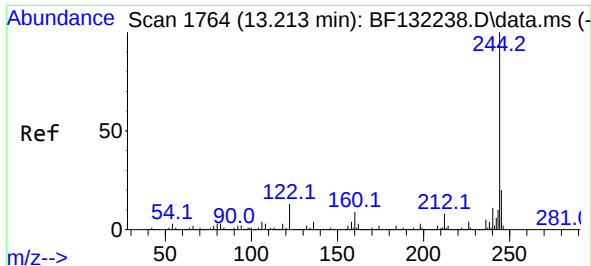


#78
Pyrene
Concen: 49.930 ng
RT: 13.077 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



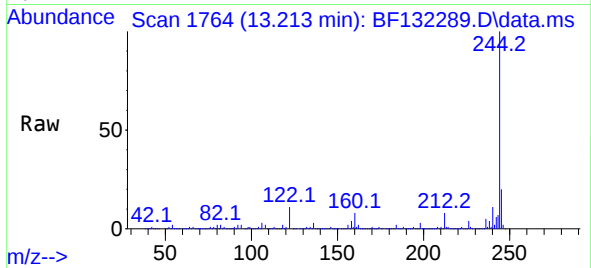
Tgt Ion:202 Resp: 1207725
Ion Ratio Lower Upper
202 100
200 21.9 17.3 25.9
203 17.8 14.4 21.6





#79
 Terphenyl-d14
 Concen: 108.654 ng
 RT: 13.213 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132289.D
 Acq: 02 Feb 2023 13:22

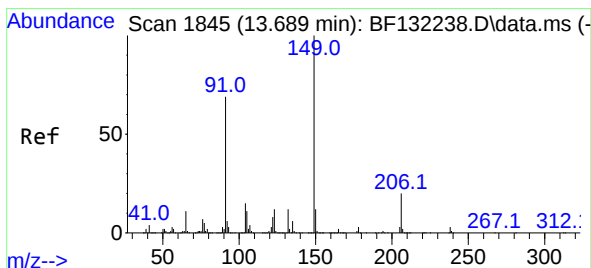
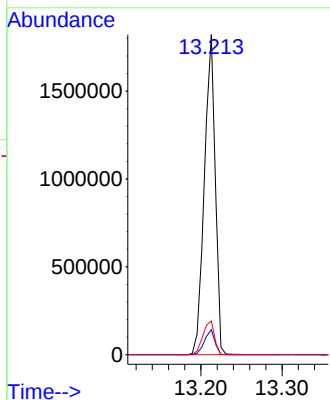
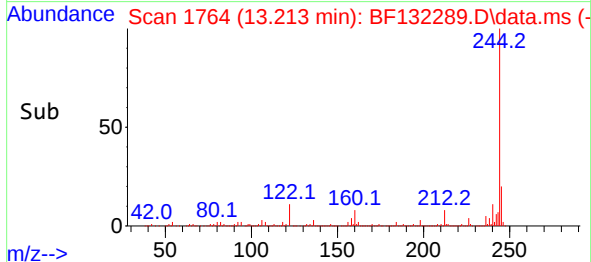
Instrument :
 BNA_F
 ClientSampleId :
 JPP-11-012723MSD



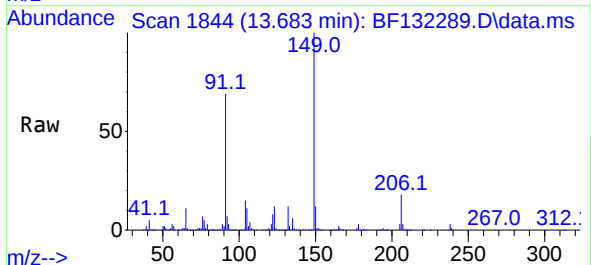
Tgt Ion:244 Resp: 1689199
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 10.5 10.5 15.7

Manual Integrations
 APPROVED

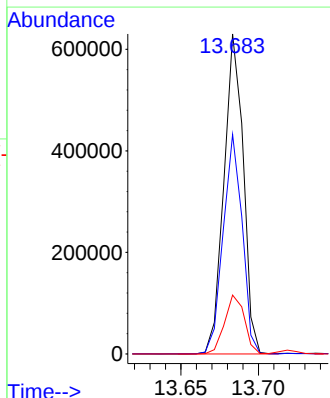
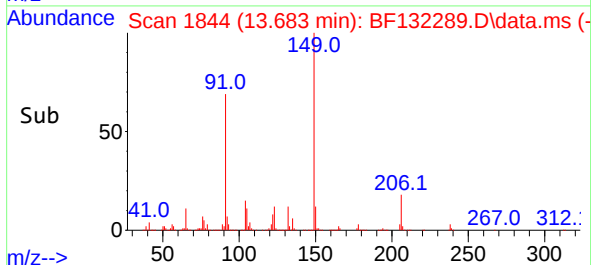
Reviewed By :Christian Giraldo 02/03/2023
 Supervised By :Jagrut Upadhyay 02/03/2023

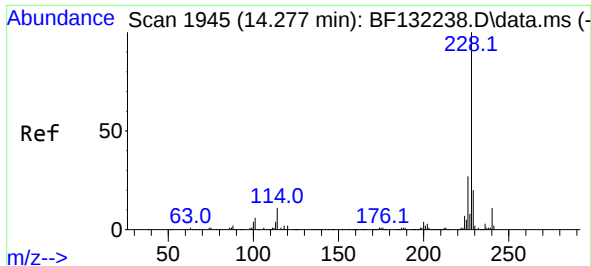


#80
 Butylbenzylphthalate
 Concen: 51.284 ng
 RT: 13.683 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF132289.D
 Acq: 02 Feb 2023 13:22



Tgt Ion:149 Resp: 548054
 Ion Ratio Lower Upper
 149 100
 91 68.6 55.0 82.6
 206 18.4 15.9 23.9





#81

Benzo(a)anthracene

Concen: 45.901 ng

RT: 14.272 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BF132289.D

Acq: 02 Feb 2023 13:22

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723MSD

Tgt Ion:228 Resp: 96548

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

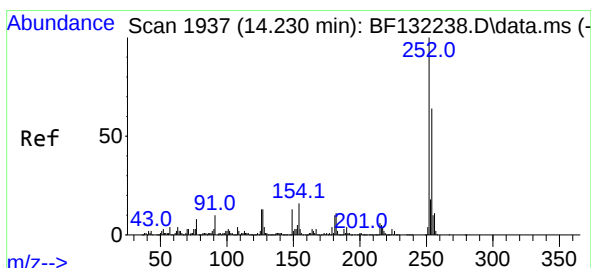
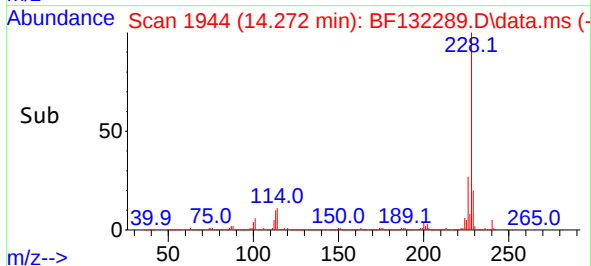
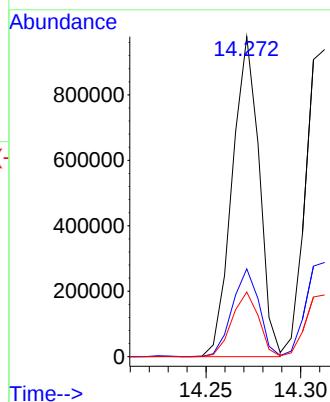
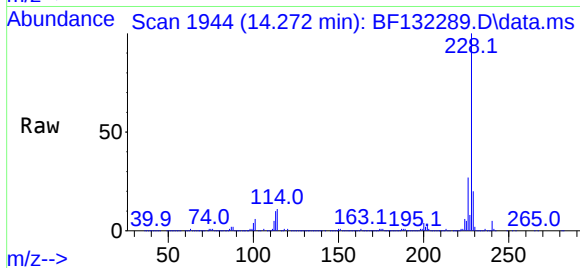
229 20.2 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#82

3,3'-Dichlorobenzidine

Concen: 18.513 ng

RT: 14.224 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BF132289.D

Acq: 02 Feb 2023 13:22

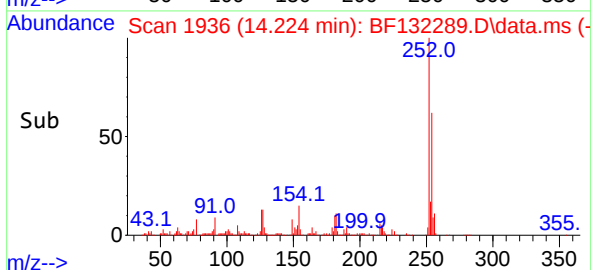
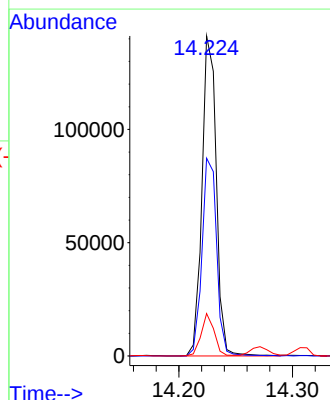
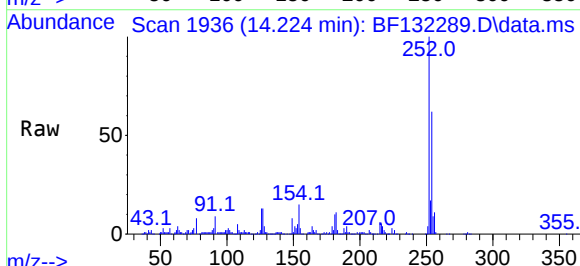
Tgt Ion:252 Resp: 124026

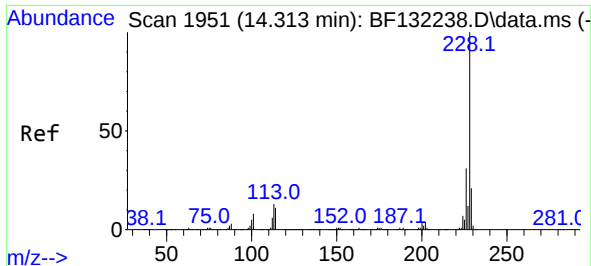
Ion Ratio Lower Upper

252 100

254 61.8 51.6 77.4

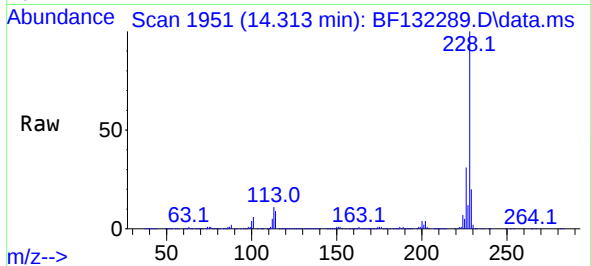
126 13.3 10.5 15.7





#83
Chrysene
Concen: 45.618 ng
RT: 14.313 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

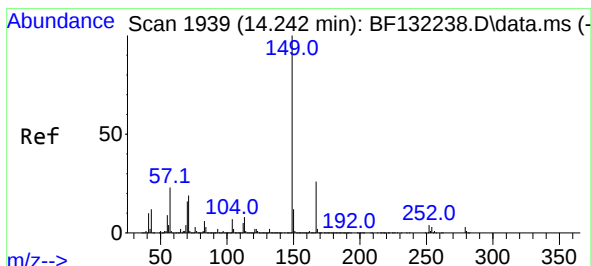
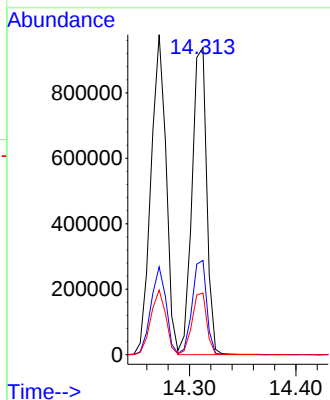
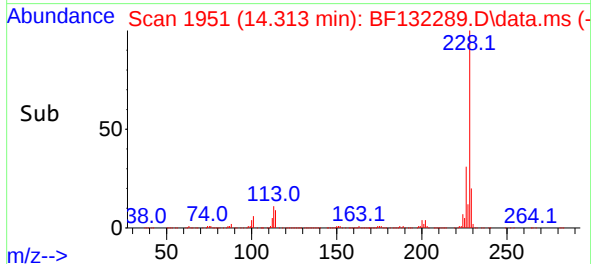
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



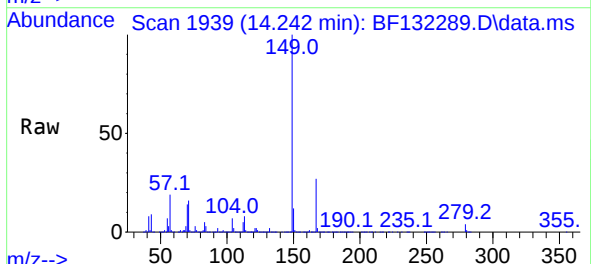
Tgt Ion:228 Resp: 89846
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 20.1 16.4 24.6

Manual Integrations
APPROVED

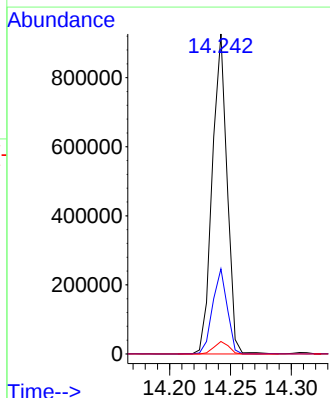
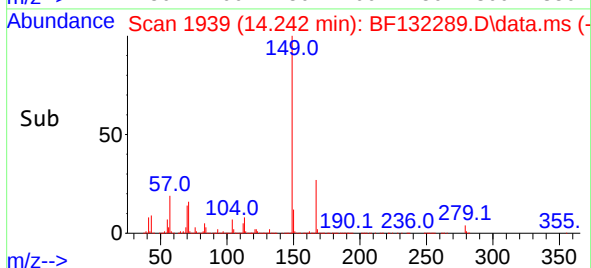
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

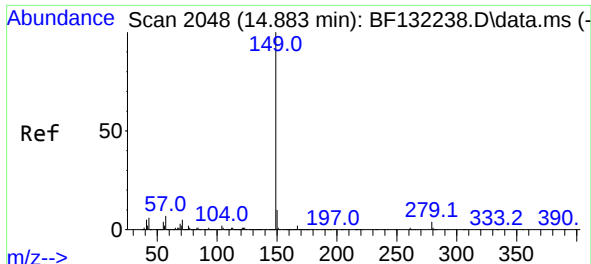


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.264 ng
RT: 14.242 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22



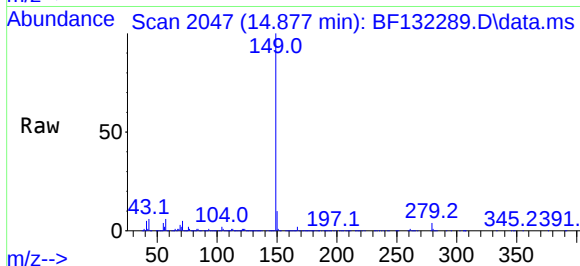
Tgt Ion:149 Resp: 783842
Ion Ratio Lower Upper
149 100
167 26.6 20.7 31.1
279 3.9 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 57.198 ng
RT: 14.877 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

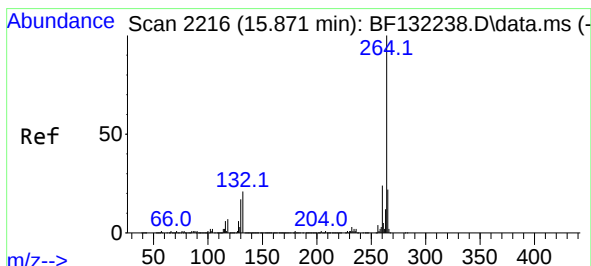
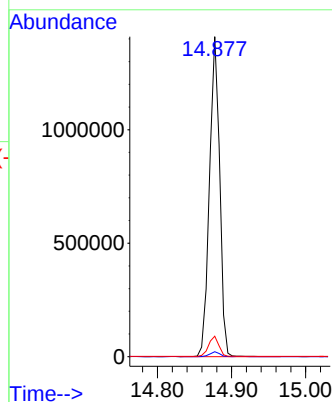
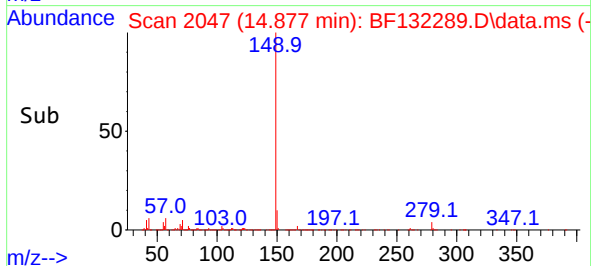
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



Tgt Ion:149 Resp: 1347599
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 6.3 5.9 8.9

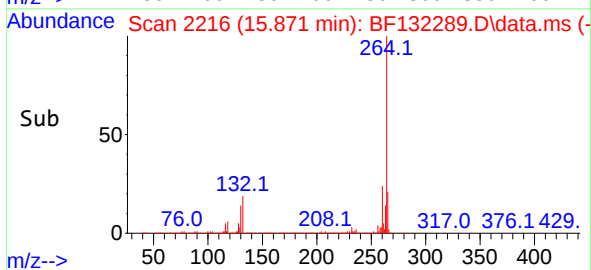
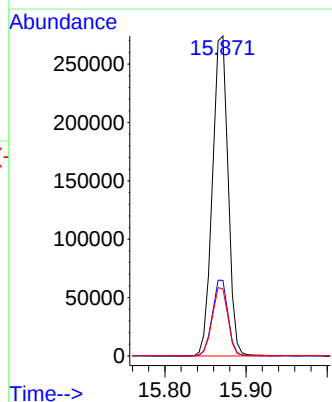
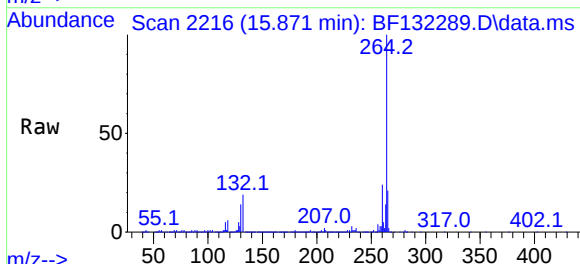
Manual Integrations
APPROVED

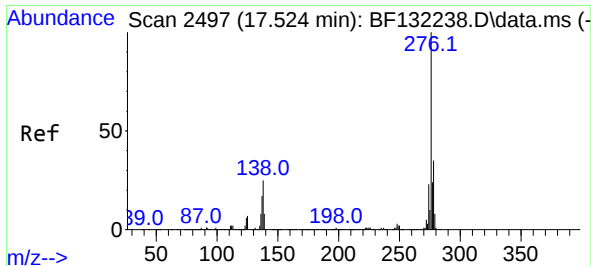
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.871 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

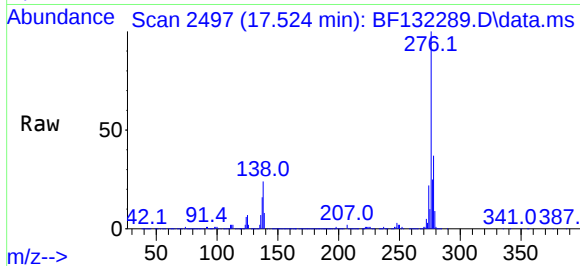
Tgt Ion:264 Resp: 367248
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 21.0 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.465 ng
RT: 17.524 min Scan# 2497
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

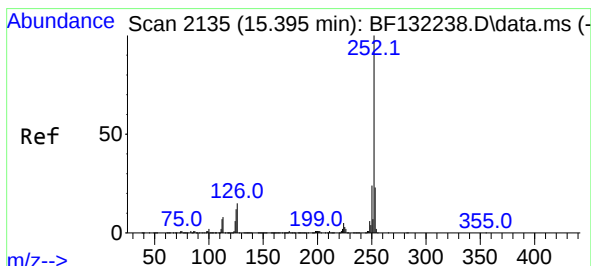
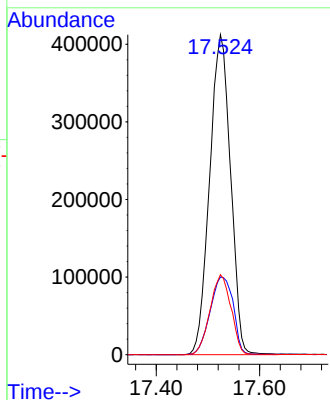
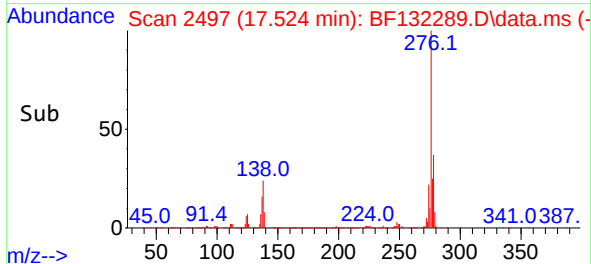
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



Tgt Ion:276 Resp: 115825
Ion Ratio Lower Upper
276 100
138 26.8 23.3 34.9
277 25.1 20.0 30.0

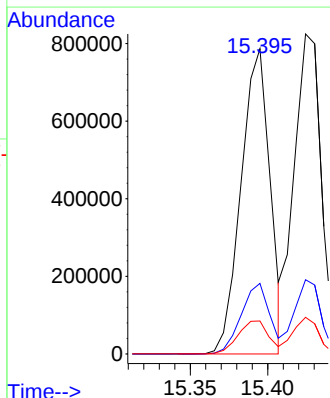
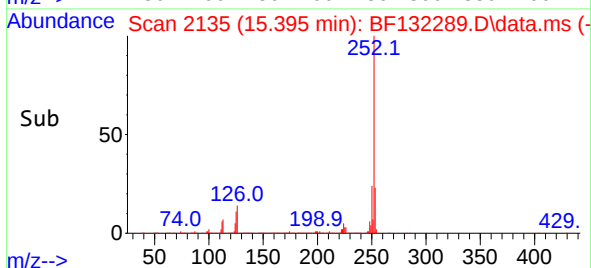
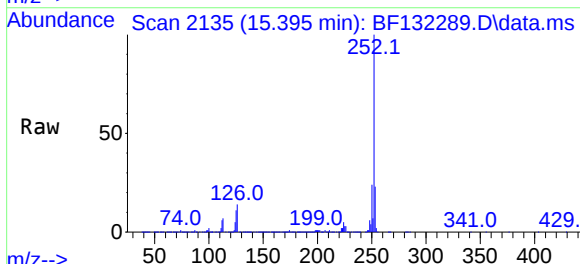
Manual Integrations
APPROVED

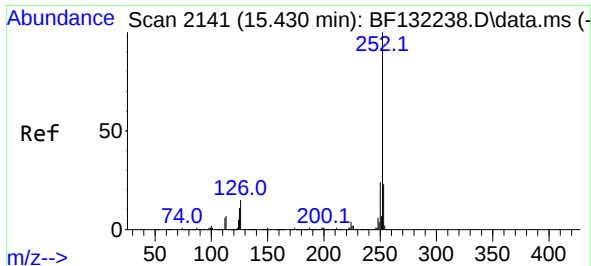
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#88
Benzo(b)fluoranthene
Concen: 43.751 ng
RT: 15.395 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

Tgt Ion:252 Resp: 1021319
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 10.8 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 44.869 ng

RT: 15.424 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132289.D

Acq: 02 Feb 2023 13:22

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723MSD

Tgt Ion:252 Resp: 99978

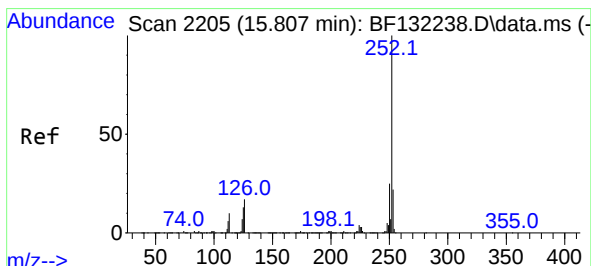
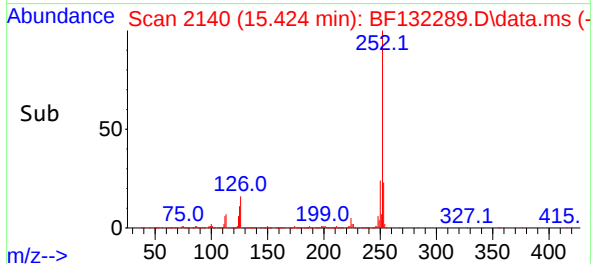
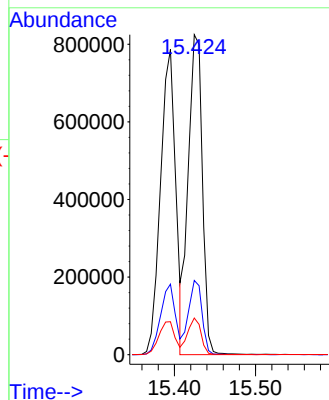
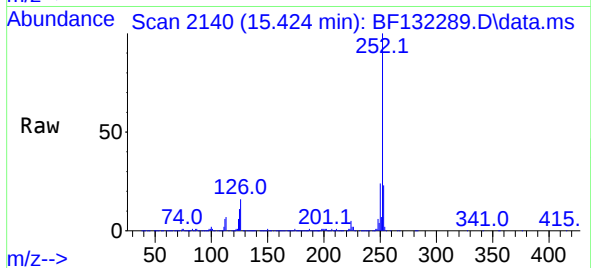
Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	11.4	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#90

Benzo(a)pyrene

Concen: 42.464 ng

RT: 15.801 min Scan# 2204

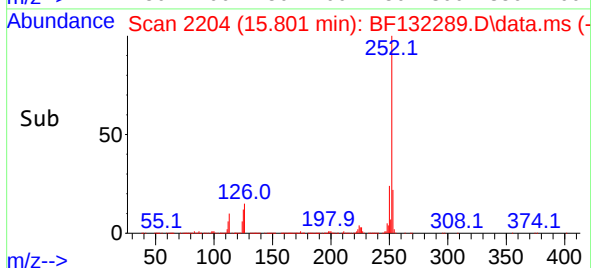
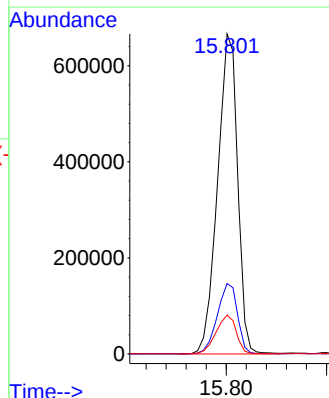
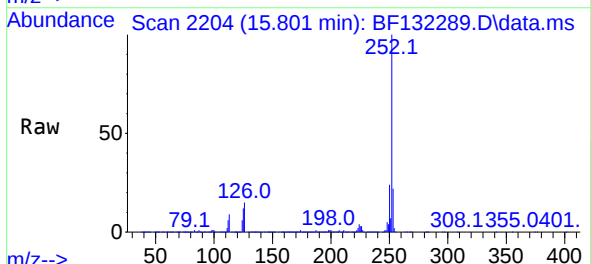
Delta R.T. -0.006 min

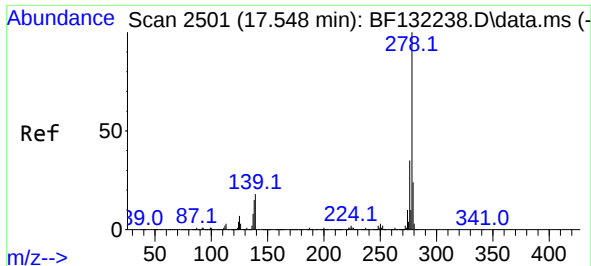
Lab File: BF132289.D

Acq: 02 Feb 2023 13:22

Tgt Ion:252 Resp: 923080

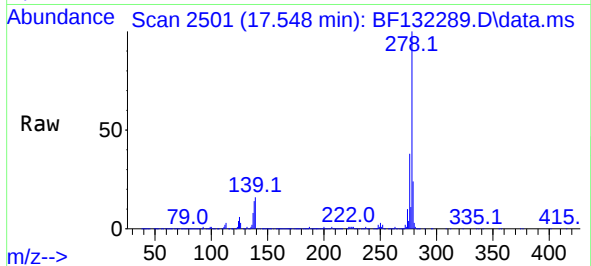
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	12.1	10.2	15.4





#91
Dibenzo(a,h)anthracene
Concen: 48.400 ng
RT: 17.548 min Scan# 2501
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

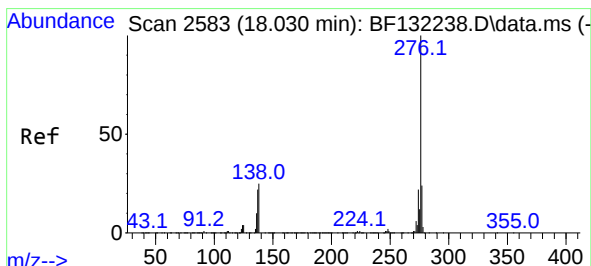
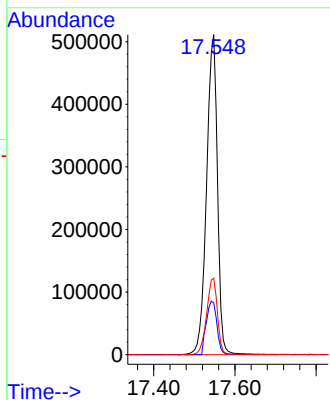
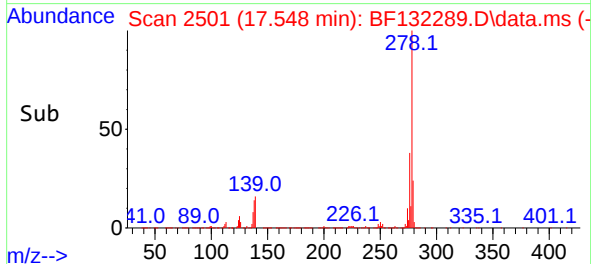
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MSD



Tgt Ion:278 Resp: 949568
Ion Ratio Lower Upper
278 100
139 16.2 14.2 21.2
279 23.9 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#92
Benzo(g,h,i)perylene
Concen: 44.409 ng
RT: 18.030 min Scan# 2583
Delta R.T. -0.000 min
Lab File: BF132289.D
Acq: 02 Feb 2023 13:22

Tgt Ion:276 Resp: 900097
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.2
138 23.1 20.3 30.5

