

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132299.D
 Acq On : 02 Feb 2023 19:06
 Operator : CG\JU
 Sample : 01386-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-9-013123MS

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 00:24:22 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	208482	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	799541	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	399491	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	693348	20.000	ng	0.00
76) Chrysene-d12	14.277	240	310300	20.000	ng	#-0.01
86) Perylene-d12	15.866	264	387788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	1412654	108.916	ng	0.03
7) Phenol-d6	6.690	99	1654233	103.452	ng	0.00
23) Nitrobenzene-d5	7.637	82	1152149	80.188	ng	0.00
42) 2,4,6-Tribromophenol	10.919	330	566820	137.972	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1980092	76.541	ng	0.00
79) Terphenyl-d14	13.213	244	1720043	107.227	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.231	88	232363m	38.074	ng	Qvalue
3) Pyridine	3.890	79	526676	31.811	ng	97
4) n-Nitrosodimethylamine	3.837	42	197647	37.308	ng	93
6) Aniline	6.731	93	199559m	9.197	ng	
8) 2-Chlorophenol	6.854	128	636542	47.385	ng	96
9) Benzaldehyde	6.619	77	338513	36.867	ng	100
10) Phenol	6.701	94	602532	36.405	ng	98
11) bis(2-Chloroethyl)ether	6.801	93	601946	44.192	ng	95
12) 1,3-Dichlorobenzene	7.007	146	578270	40.701	ng	99
13) 1,4-Dichlorobenzene	7.084	146	590585	41.643	ng	99
14) 1,2-Dichlorobenzene	7.237	146	574188	43.413	ng	99
15) Benzyl Alcohol	7.207	79	490320	42.024	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.337	45	575268	40.085	ng	94
17) 2-Methylphenol	7.307	107	480913	40.898	ng	99
18) Hexachloroethane	7.584	117	217692	40.917	ng	98
19) n-Nitroso-di-n-propyla...	7.478	70	345972	38.091	ng	98
20) 3+4-Methylphenols	7.460	107	586263	39.063	ng	95
22) Acetophenone	7.478	105	777778	41.365	ng	98
24) Nitrobenzene	7.654	77	584402	39.813	ng	94
25) Isophorone	7.890	82	1121183	41.113	ng	96
26) 2-Nitrophenol	7.966	139	343724	48.074	ng	93
27) 2,4-Dimethylphenol	7.995	122	544987	43.548	ng	98
28) bis(2-Chloroethoxy)met...	8.095	93	734411	43.823	ng	99
29) 2,4-Dichlorophenol	8.207	162	501345	45.122	ng	97
30) 1,2,4-Trichlorobenzene	8.290	180	520840	43.775	ng	97
31) Naphthalene	8.378	128	1598778	40.624	ng	99
32) Benzoic acid	8.072	122	162593m	17.552	ng	
33) 4-Chloroaniline	8.419	127	57926	3.319	ng	97
34) Hexachlorobutadiene	8.490	225	289983	43.353	ng	100
35) Caprolactam	8.790	113	141420m	37.335	ng	
36) 4-Chloro-3-methylphenol	8.895	107	527719	44.087	ng	96
37) 2-Methylnaphthalene	9.072	142	1087724	40.803	ng	100
38) 1-Methylnaphthalene	9.172	142	1013037	40.892	ng	99
40) 1,2,4,5-Tetrachloroben...	9.237	216	500377	44.509	ng	100
41) Hexachlorocyclopentadiene	9.225	237	579921	88.416	ng	99
43) 2,4,6-Trichlorophenol	9.342	196	367090	45.680	ng	99

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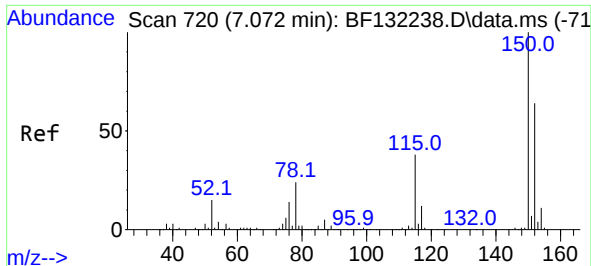
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.384	196	391115	42.285	ng	99
46) 1,1'-Biphenyl	9.537	154	1312769	42.624	ng	97
47) 2-Chloronaphthalene	9.566	162	1027243	43.791	ng	99
48) 2-Nitroaniline	9.654	65	267391	38.328	ng	86
49) Acenaphthylene	9.984	152	1609940	42.052	ng	99
50) Dimethylphthalate	9.831	163	1229838	44.010	ng	98
51) 2,6-Dinitrotoluene	9.895	165	286829	45.958	ng	92
52) Acenaphthene	10.154	154	1005739	41.961	ng	99
53) 3-Nitroaniline	10.066	138	113699	15.022	ng	91
54) 2,4-Dinitrophenol	10.166	184	128258	37.862	ng #	43
55) Dibenzofuran	10.331	168	1409110	41.843	ng	98
56) 4-Nitrophenol	10.219	139	400593	70.336	ng	96
57) 2,4-Dinitrotoluene	10.301	165	372672	45.968	ng	95
58) Fluorene	10.672	166	1069176	41.253	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.442	232	308355	45.729	ng	98
60) Diethylphthalate	10.536	149	1235906	44.458	ng	98
61) 4-Chlorophenyl-phenyle...	10.660	204	536757	43.639	ng	97
62) 4-Nitroaniline	10.689	138	258471	35.613	ng	99
63) Azobenzene	10.825	77	1047427	38.681	ng	94
65) 4,6-Dinitro-2-methylph...	10.713	198	126875	32.241	ng	91
66) n-Nitrosodiphenylamine	10.778	169	962900	44.351	ng	99
67) 4-Bromophenyl-phenylether	11.154	248	343116	48.327	ng	97
68) Hexachlorobenzene	11.225	284	382273	50.375	ng	95
69) Atrazine	11.307	200	325968	52.198	ng	99
70) Pentachlorophenol	11.419	266	363798	69.773	ng	100
71) Phenanthrene	11.642	178	1546539	42.685	ng	100
72) Anthracene	11.695	178	1563355	42.399	ng	99
73) Carbazole	11.848	167	1322948	40.015	ng	100
74) Di-n-butylphthalate	12.166	149	1792955	45.872	ng	100
75) Fluoranthene	12.842	202	1359785	36.778	ng	99
77) Benzidine	12.954	184	184452	17.003	ng	98
78) Pyrene	13.072	202	1320403	52.906	ng	99
80) Butylbenzylphthalate	13.683	149	577006	52.328	ng	97
81) Benzo(a)anthracene	14.272	228	976473	44.993	ng	99
82) 3,3'-Dichlorobenzidine	14.224	252	103929	15.035	ng	98
83) Chrysene	14.307	228	901614	44.366	ng	100
84) Bis(2-ethylhexyl)phtha...	14.236	149	770839	51.719	ng	100
85) Di-n-octyl phthalate	14.871	149	1289777	53.056	ng	97
87) Indeno(1,2,3-cd)pyrene	17.518	276	1354537	52.569	ng	98
88) Benzo(b)fluoranthene	15.389	252	1124087	45.603	ng	99
89) Benzo(k)fluoranthene	15.424	252	1000370	42.517	ng	99
90) Benzo(a)pyrene	15.801	252	974996	42.477	ng	98
91) Dibenzo(a,h)anthracene	17.542	278	1105146	53.346	ng	99
92) Benzo(g,h,i)perylene	18.030	276	1100902	51.439	ng	97

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



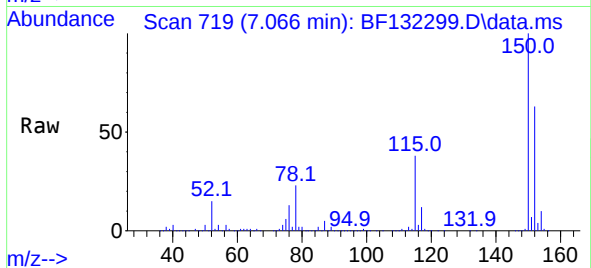
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MS

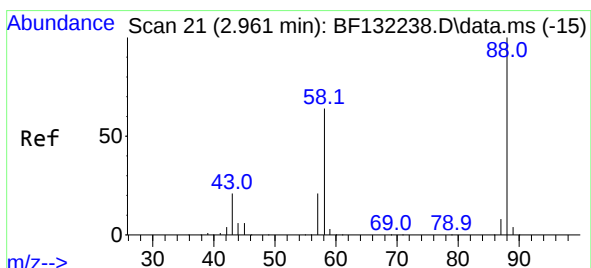
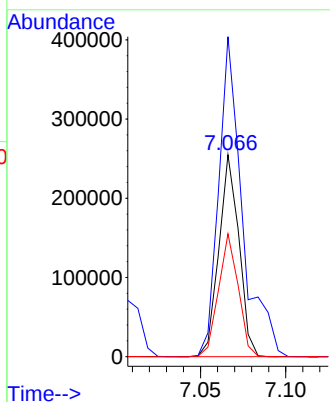
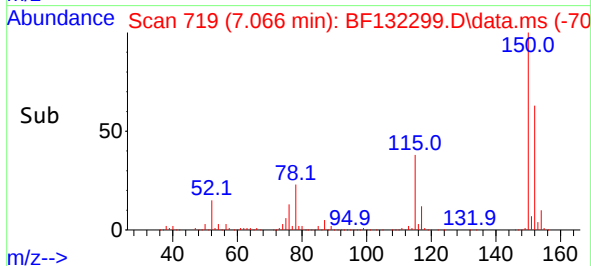


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Ion Ratio Lower Upper
152 100
150 158.5 124.2 186.2
115 60.8 47.3 70.9

Manual Integrations

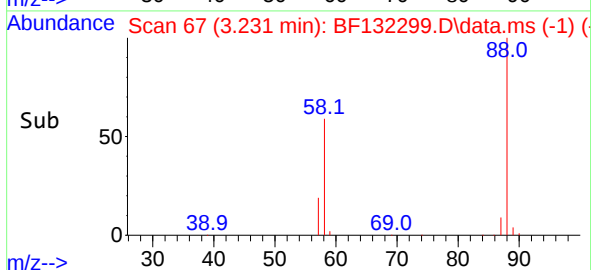
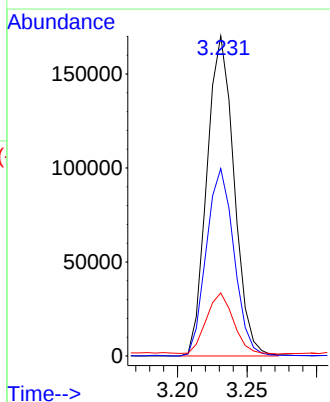
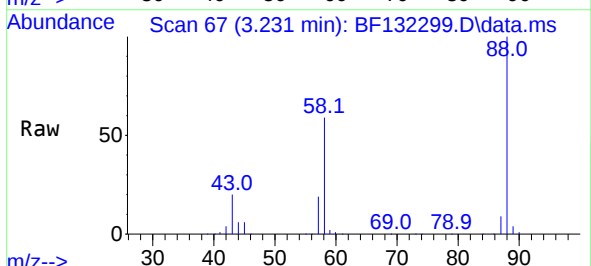
APPROVED

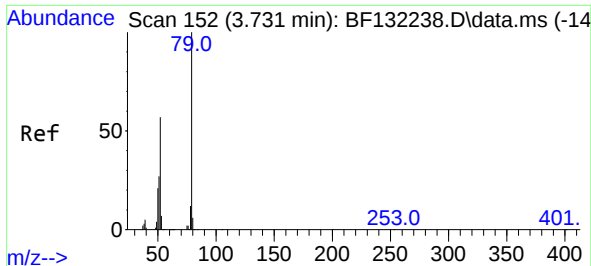
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#2
1,4-Dioxane
Concen: 38.074 ng m
RT: 3.231 min Scan# 67
Delta R.T. 0.271 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

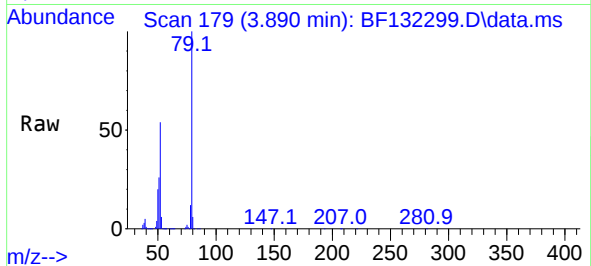
Tgt Ion: 88 Resp: 232363
Ion Ratio Lower Upper
88 100
58 49.9 50.2 75.2#
43 0.0 16.9 25.3#





#3
Pyridine
Concen: 31.811 ng
RT: 3.890 min Scan# 11
Delta R.T. 0.159 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

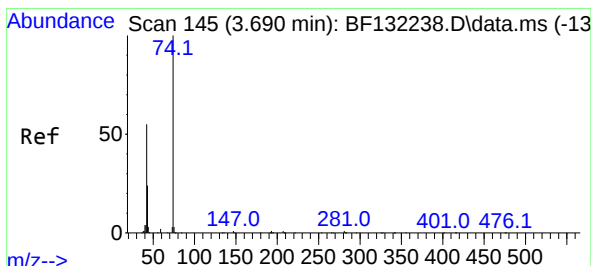
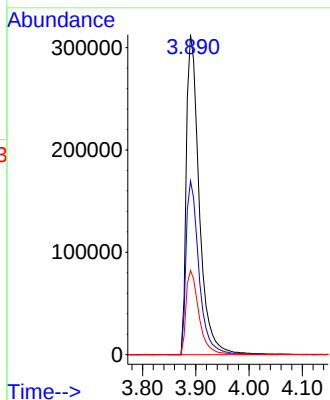
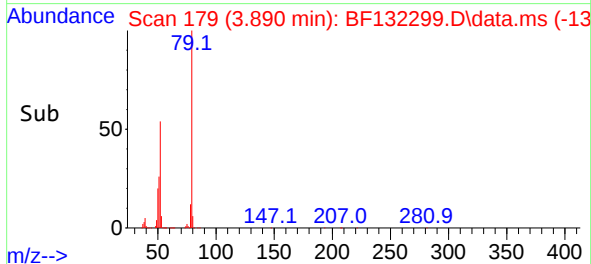
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JPP-9-013123MS



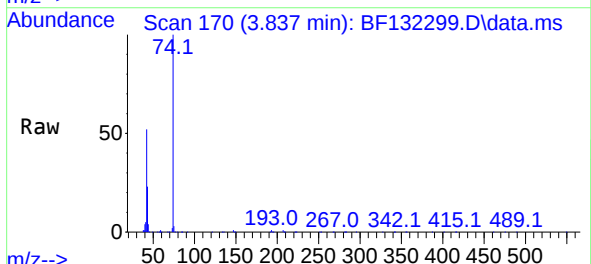
Tgt Ion: 79 Resp: 526670
Ion Ratio Lower Upper
79 100
52 54.3 45.6 68.4
51 26.3 21.5 32.3

Manual Integrations
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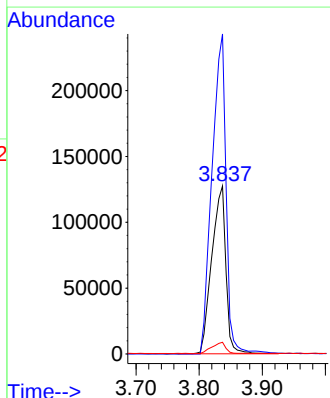
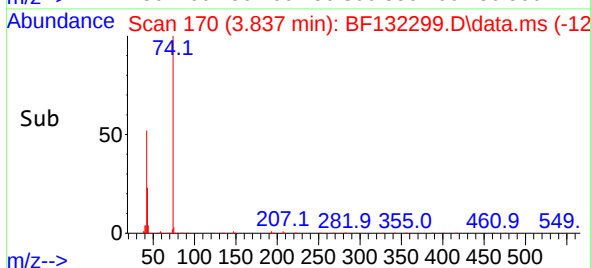
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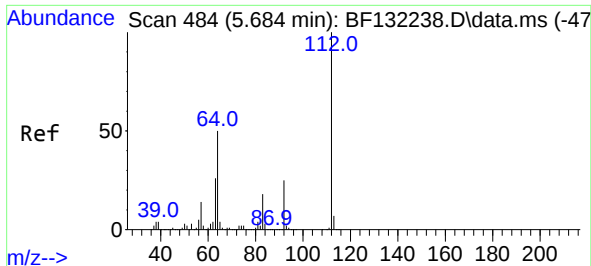


#4
n-Nitrosodimethylamine
Concen: 37.308 ng
RT: 3.837 min Scan# 170
Delta R.T. 0.147 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



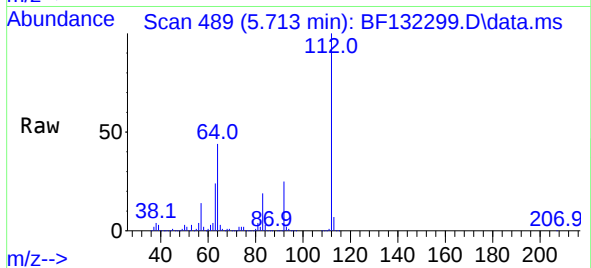
Tgt Ion: 42 Resp: 197647
Ion Ratio Lower Upper
42 100
74 190.5 144.6 217.0
44 7.0 5.1 7.7





#5
2-Fluorophenol
Concen: 108.916 ng
RT: 5.713 min Scan# 484
Delta R.T. 0.029 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

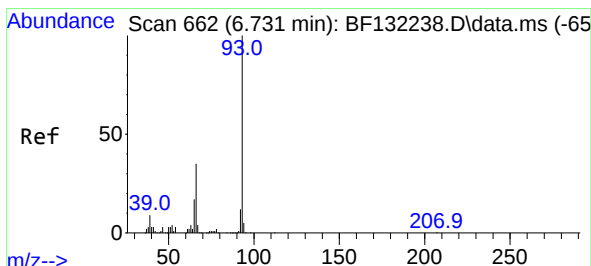
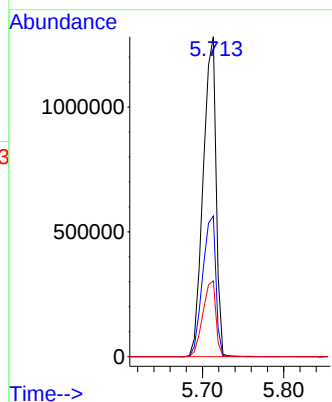
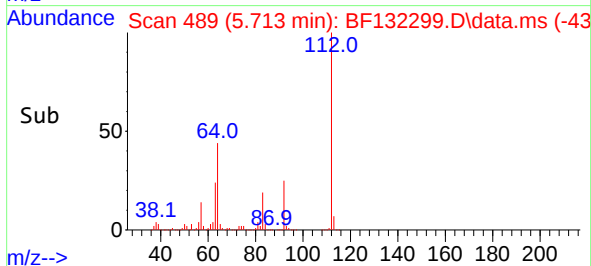
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Tgt Ion: 112 Resp: 1412654
Ion Ratio Lower Upper
112 100
64 43.9 40.0 60.0
63 23.7 20.5 30.7

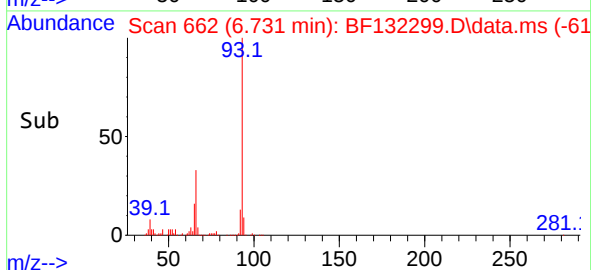
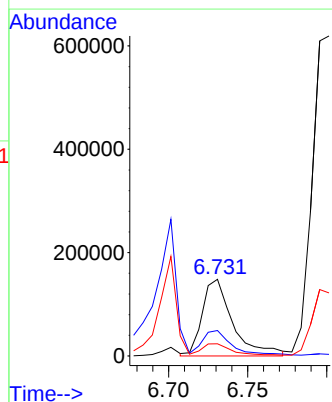
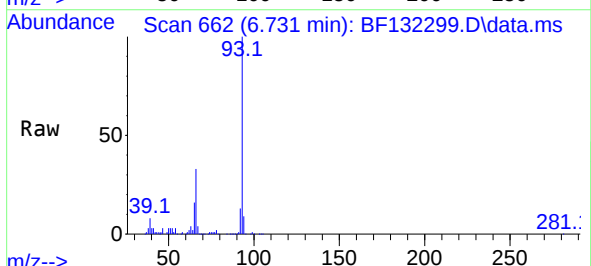
Manual Integrations
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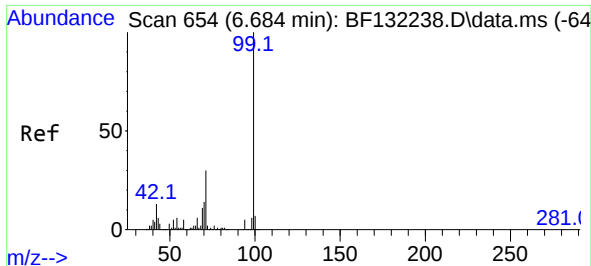
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#6
Aniline
Concen: 9.197 ng m
RT: 6.731 min Scan# 662
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

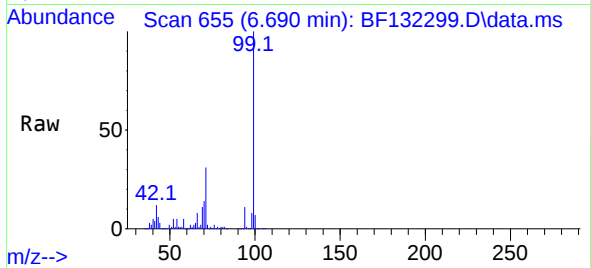
Tgt Ion: 93 Resp: 199559
Ion Ratio Lower Upper
93 100
66 33.3 28.8 43.2
65 15.8 14.2 21.4





#7
Phenol-d6
Concen: 103.452 ng
RT: 6.690 min Scan# 654
Delta R.T. 0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

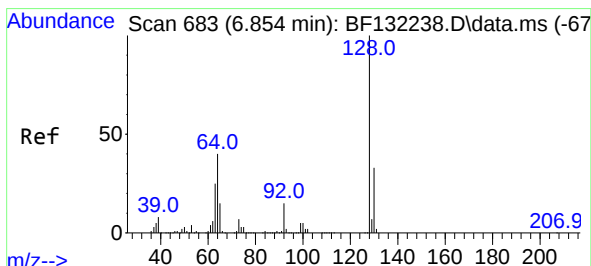
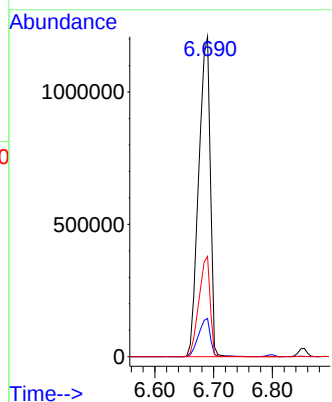
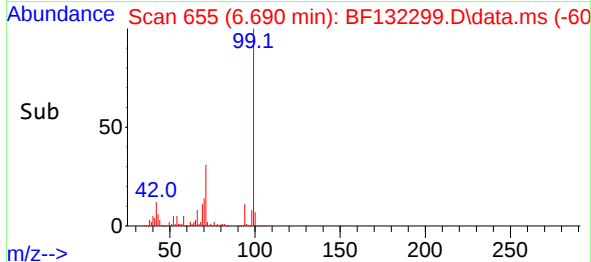
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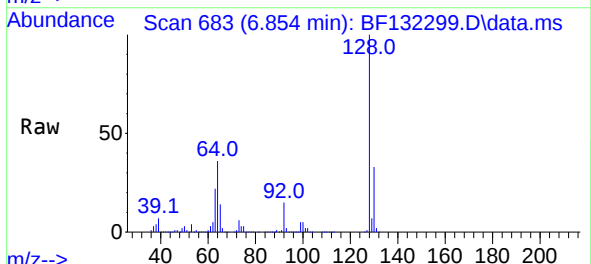
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Ion Ratio Lower Upper
99 100
42 11.9 10.1 15.1
71 31.3 24.2 36.4

Manual Integrations
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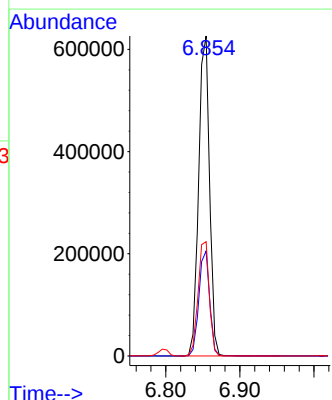
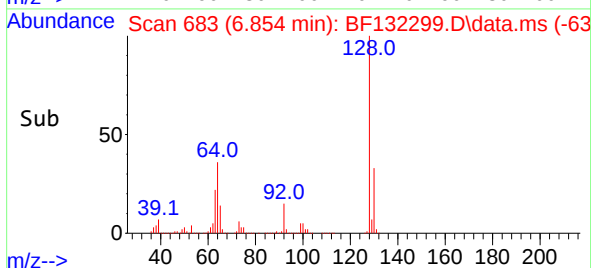
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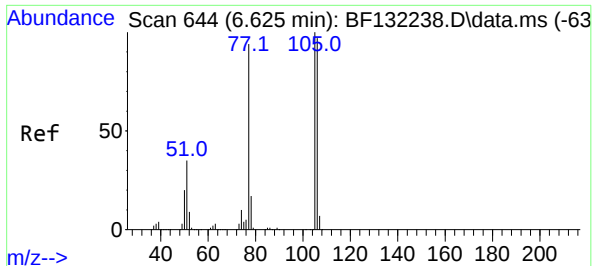


#8
2-Chlorophenol
Concen: 47.385 ng
RT: 6.854 min Scan# 683
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



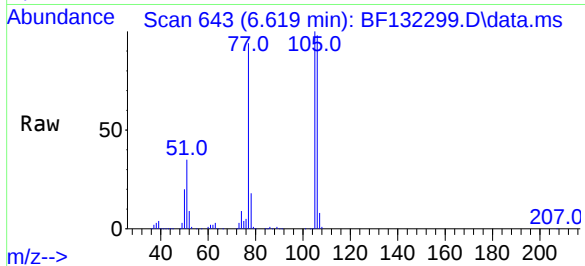
Tgt Ion:128 Resp: 636542
Ion Ratio Lower Upper
128 100
130 32.8 13.3 53.3
64 35.7 20.1 60.1





#9
Benzaldehyde
Concen: 36.867 ng
RT: 6.619 min Scan# 644
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

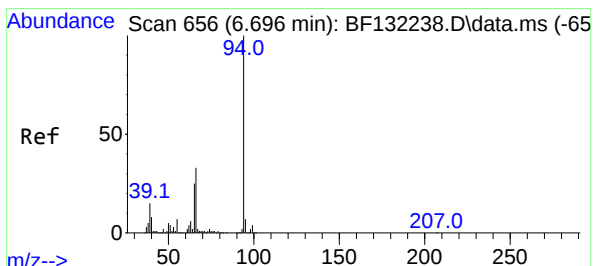
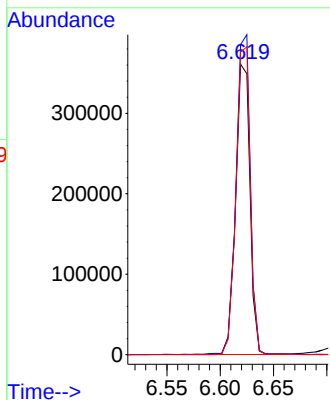
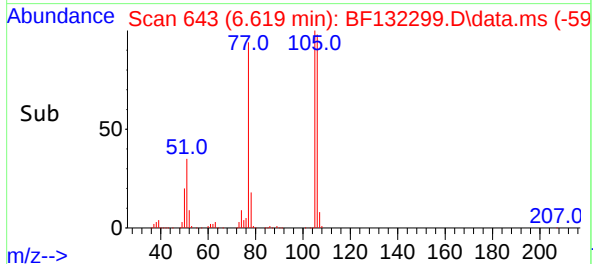
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 338511
Ion Ratio Lower Upper
77 100
105 106.8 86.8 126.8
106 104.3 83.8 123.8

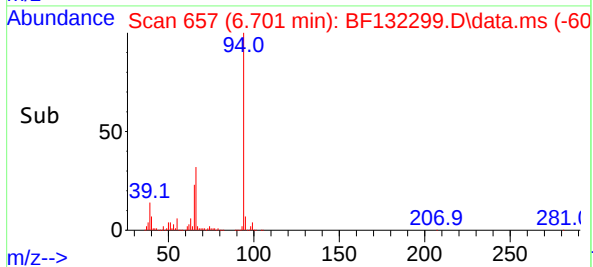
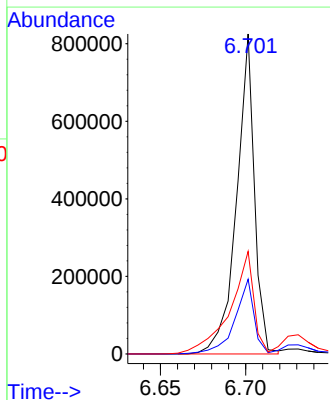
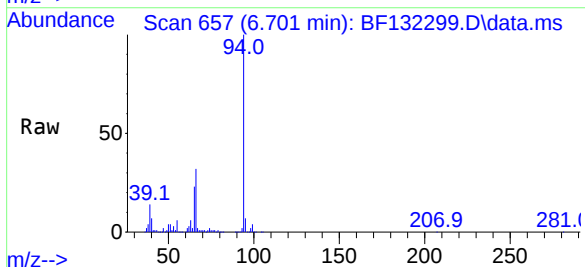
Manual Integrations
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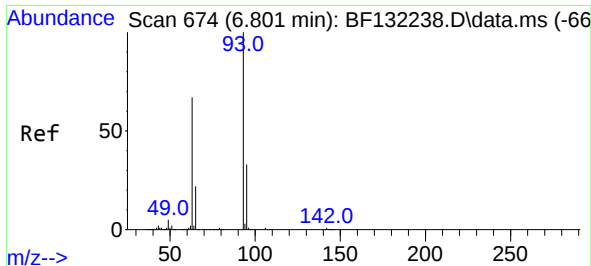
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#10
Phenol
Concen: 36.405 ng
RT: 6.701 min Scan# 657
Delta R.T. 0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Tgt Ion: 94 Resp: 602532
Ion Ratio Lower Upper
94 100
65 23.3 5.1 45.1
66 32.0 13.0 53.0





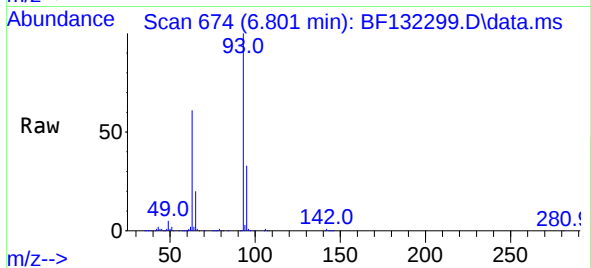
#11
bis(2-Chloroethyl)ether
Concen: 44.192 ng
RT: 6.801 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MS

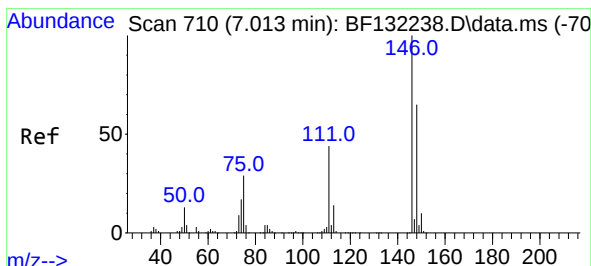
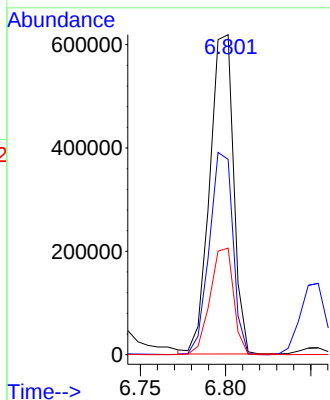
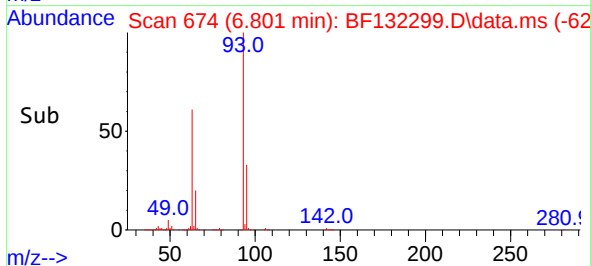


Tgt Ion: 93 Resp: 601940
Ion Ratio Lower Upper
93 100
63 61.1 46.7 86.7
95 33.3 13.4 53.4

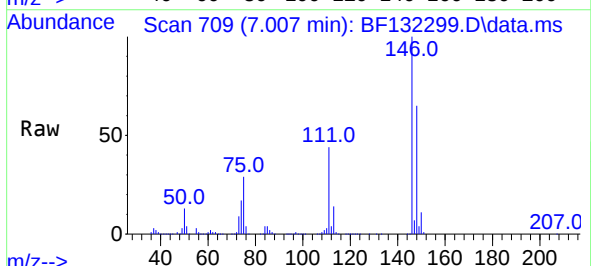
Manual Integrations

APPROVED

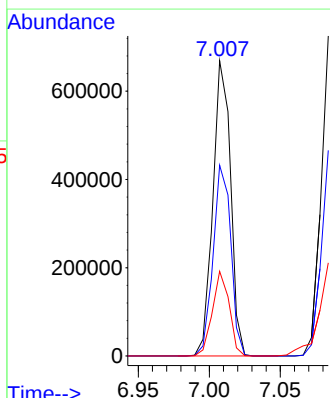
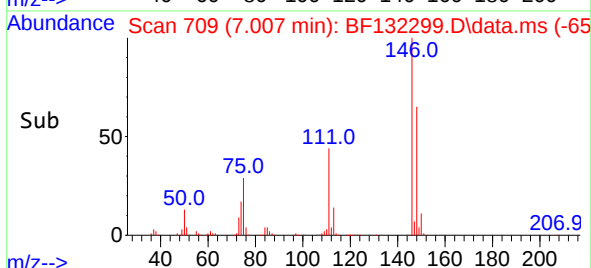
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

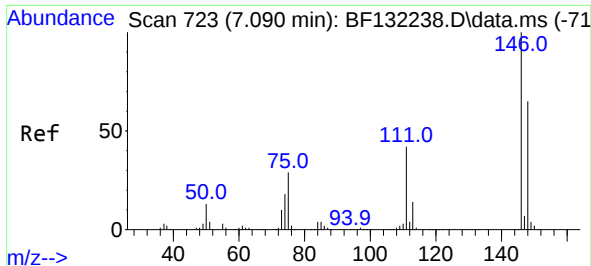


#12
1,3-Dichlorobenzene
Concen: 40.701 ng
RT: 7.007 min Scan# 709
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



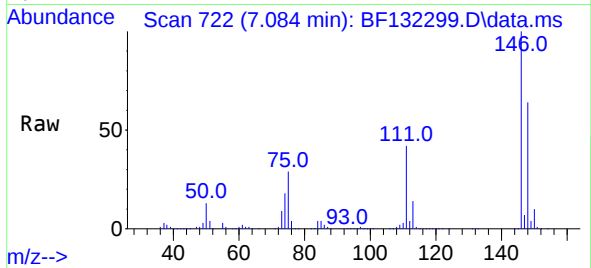
Tgt Ion:146 Resp: 578270
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.8
75 28.6 23.5 35.3





#13
1,4-Dichlorobenzene
Concen: 41.643 ng
RT: 7.084 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

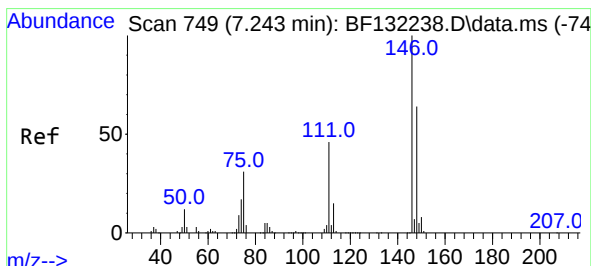
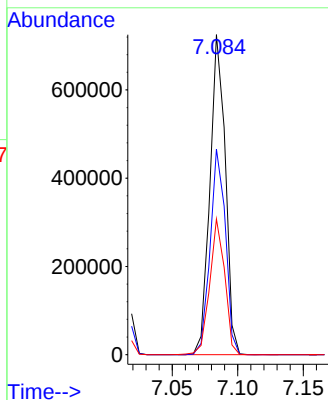
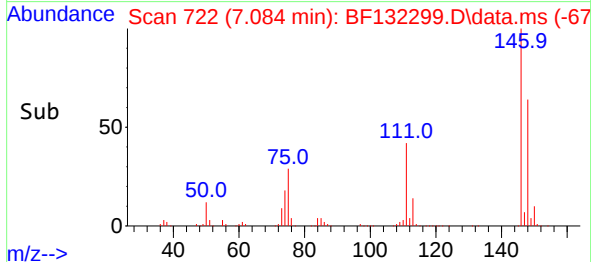
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MS



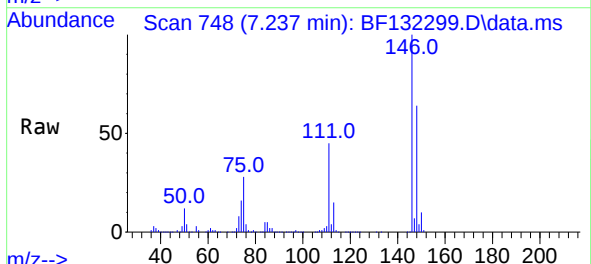
Tgt Ion:146 Resp: 59058
Ion Ratio Lower Upper
146 100
148 64.3 52.4 78.6
111 42.4 34.0 51.0

Manual Integrations
APPROVED

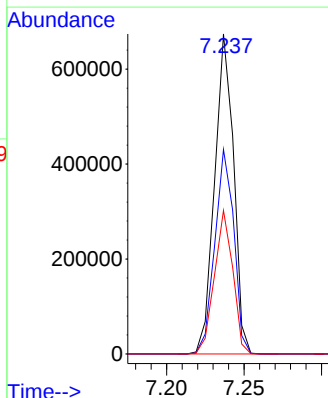
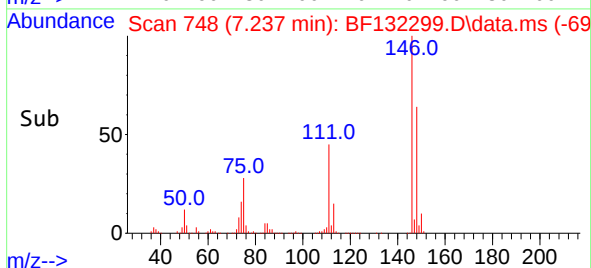
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

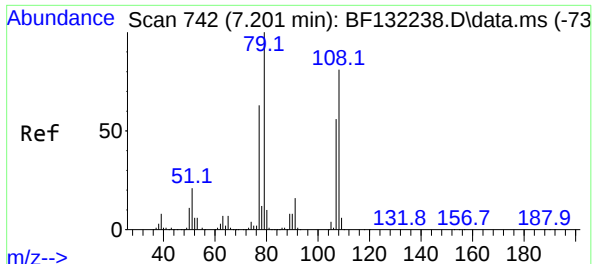


#14
1,2-Dichlorobenzene
Concen: 43.413 ng
RT: 7.237 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



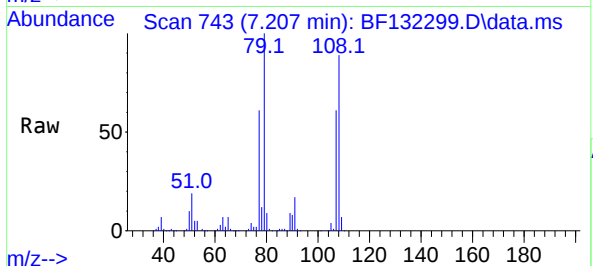
Tgt Ion:146 Resp: 574188
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.0
111 44.9 37.1 55.7





#15
Benzyl Alcohol
Concen: 42.024 ng
RT: 7.207 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

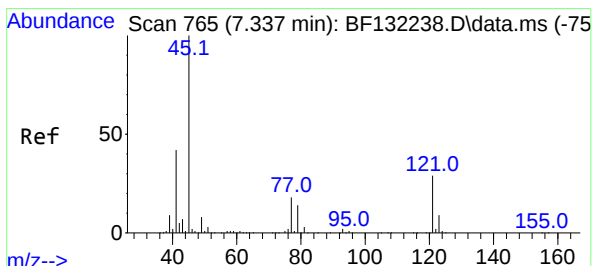
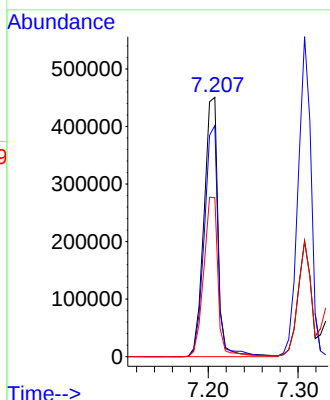
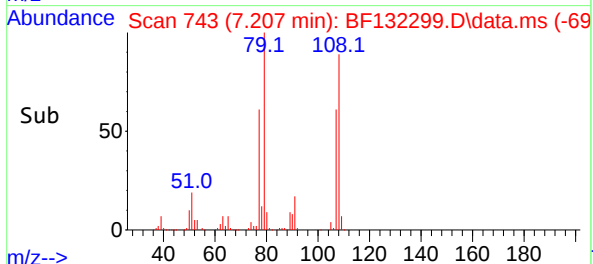
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MS



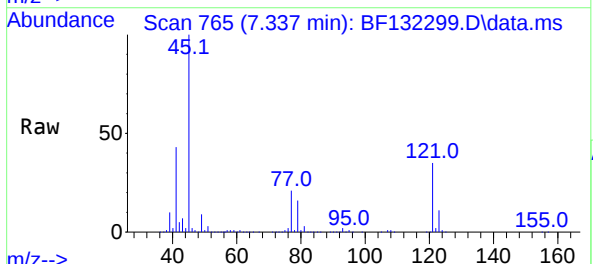
Tgt Ion: 79 Resp: 490320
Ion Ratio Lower Upper
79 100
108 89.1 64.6 97.0
77 61.3 50.1 75.1

Manual Integrations
APPROVED

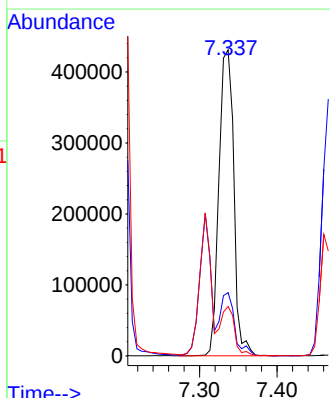
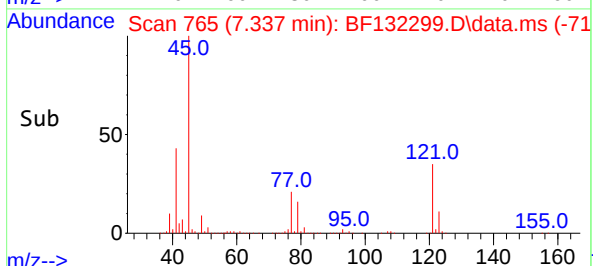
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

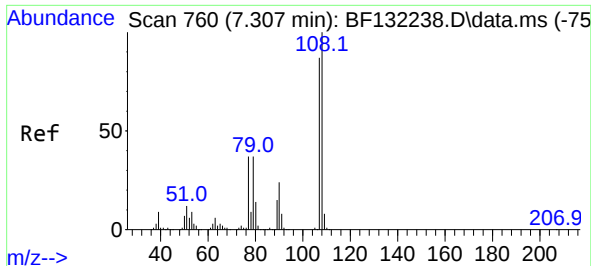


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.085 ng
RT: 7.337 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



Tgt Ion: 45 Resp: 575268
Ion Ratio Lower Upper
45 100
77 20.7 0.0 38.0
79 16.1 0.0 33.8





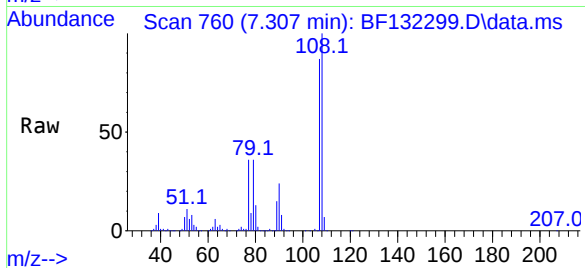
#17
2-Methylphenol
Concen: 40.898 ng
RT: 7.307 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MS

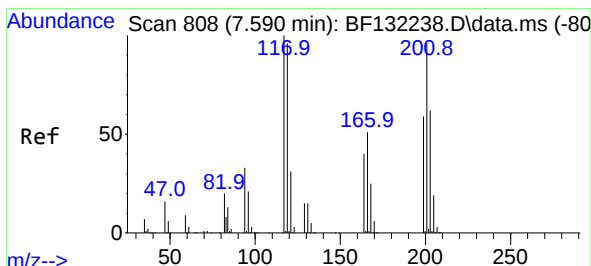
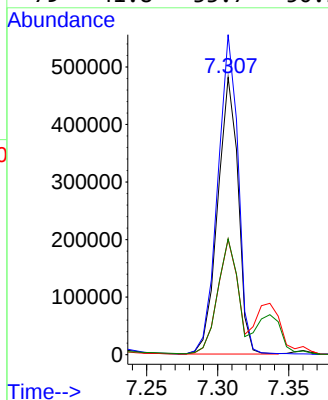
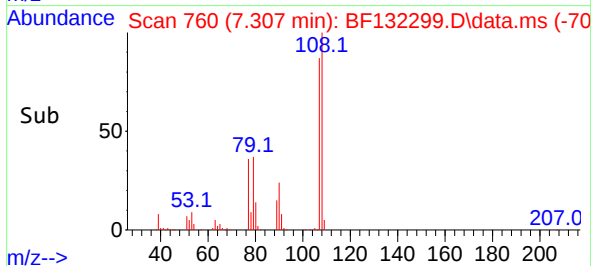


Tgt Ion:107 Resp: 48091
Ion Ratio Lower Upper
107 100
108 115.4 91.8 137.6
77 41.6 34.2 51.2
79 41.8 33.7 50.5

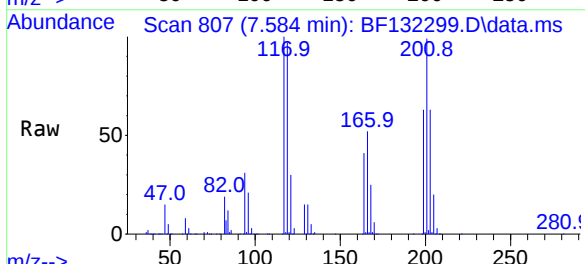
Manual Integrations

APPROVED

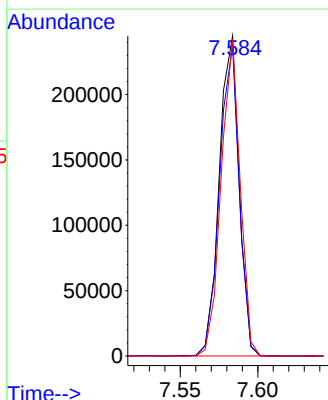
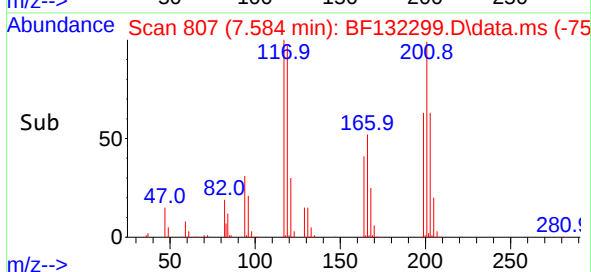
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

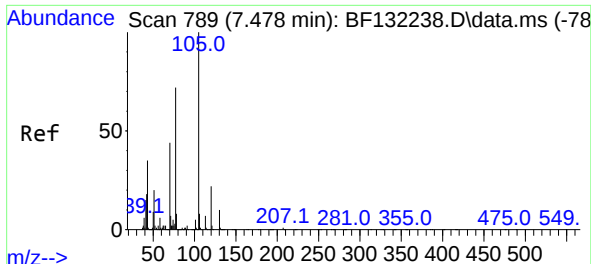


#18
Hexachloroethane
Concen: 40.917 ng
RT: 7.584 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



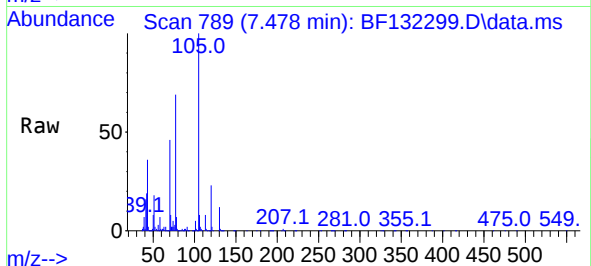
Tgt Ion:117 Resp: 217692
Ion Ratio Lower Upper
117 100
119 97.0 76.7 115.1
201 99.0 76.6 114.8





#19
n-Nitroso-di-n-propylamine
Concen: 38.091 ng
RT: 7.478 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

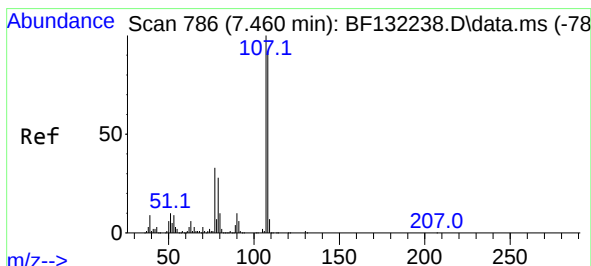
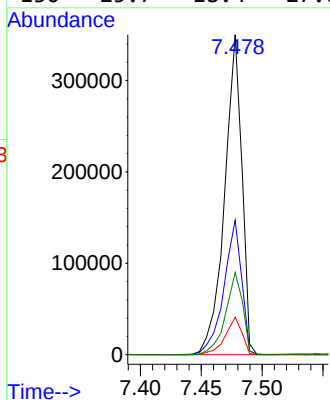
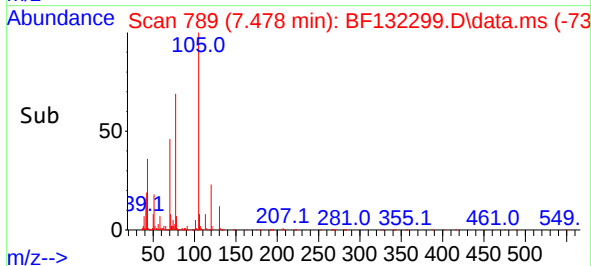
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MS



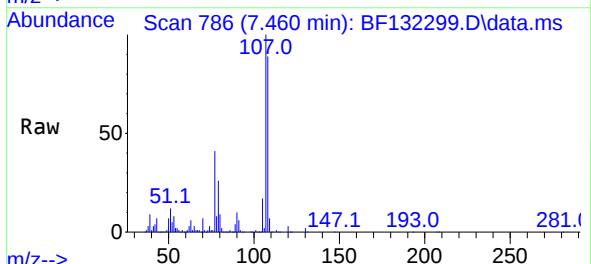
Tgt Ion: 70 Resp: 345972
Ion Ratio Lower Upper
70 100
42 42.0 33.4 50.0
101 11.7 8.2 12.4
130 25.7 18.4 27.6

Manual Integrations
APPROVED

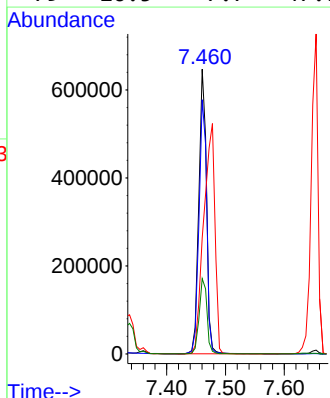
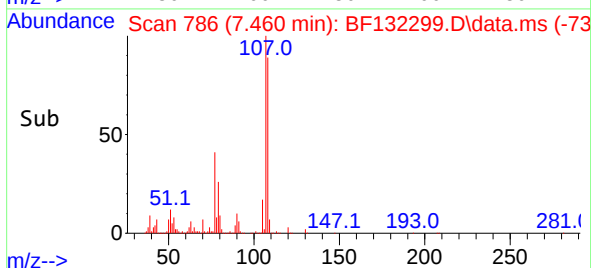
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

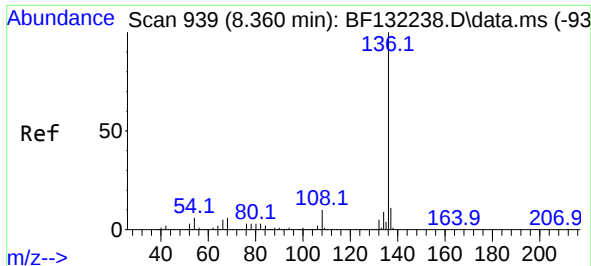


#20
3+4-Methylphenols
Concen: 39.063 ng
RT: 7.460 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



Tgt Ion:107 Resp: 586263
Ion Ratio Lower Upper
107 100
108 89.3 71.6 111.6
77 40.7 13.4 53.4
79 26.5 7.7 47.7





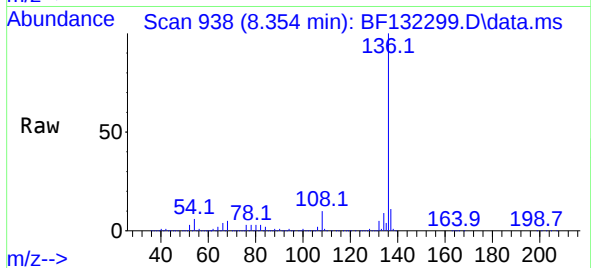
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MS

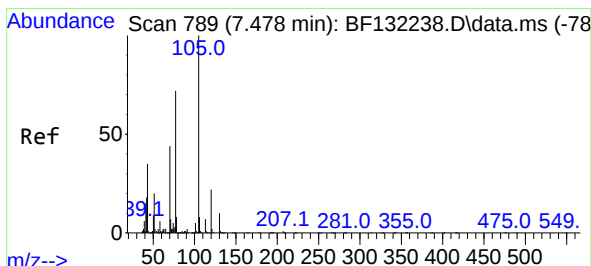
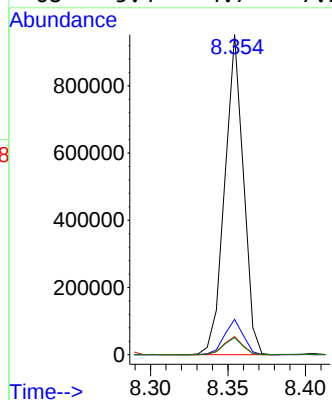
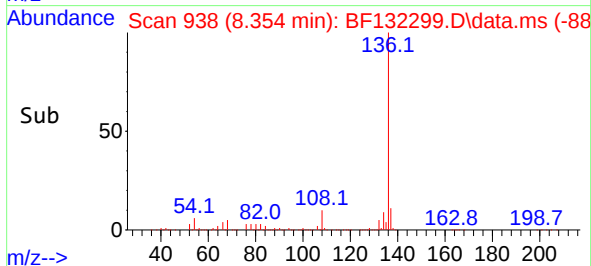


Tgt Ion:136 Resp: 79954
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.7 4.9 7.3
68 5.4 4.7 7.1

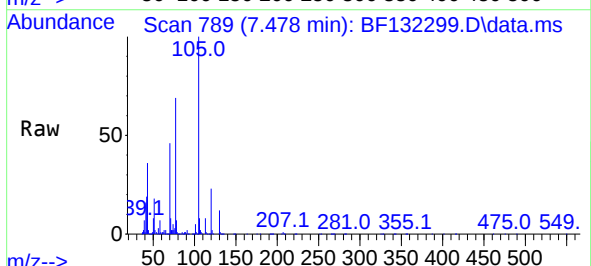
Manual Integrations

APPROVED

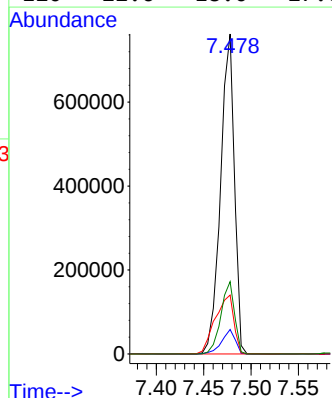
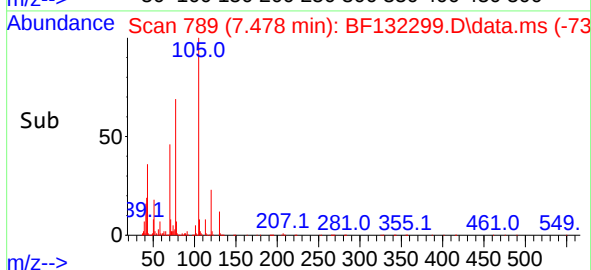
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

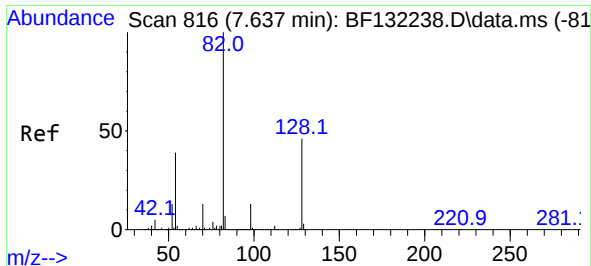


#22
Acetophenone
Concen: 41.365 ng
RT: 7.478 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



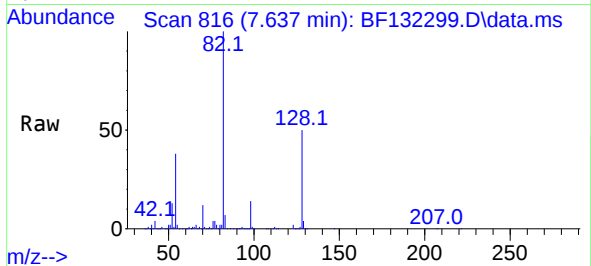
Tgt Ion:105 Resp: 777778
Ion Ratio Lower Upper
105 100
71 7.6 5.8 8.6
51 18.4 16.2 24.2
120 22.6 18.0 27.0





#23
Nitrobenzene-d5
Concen: 80.188 ng
RT: 7.637 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

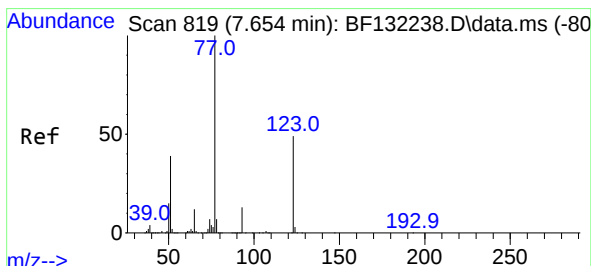
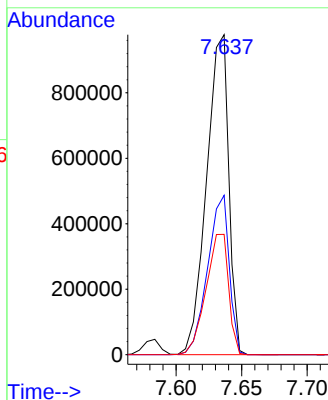
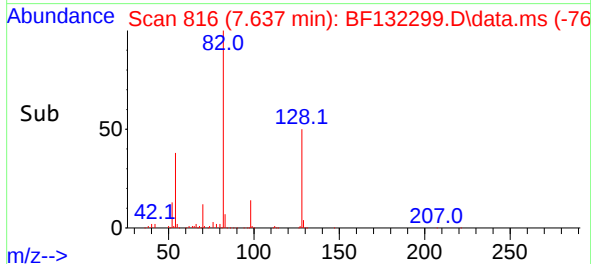
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MS



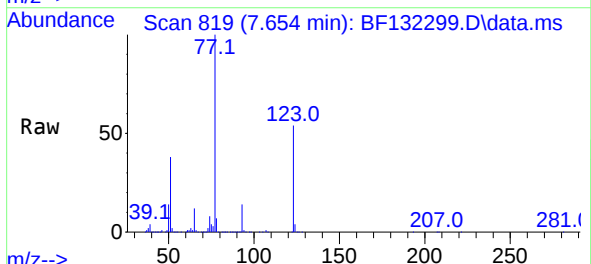
Tgt Ion: 82 Resp: 1152149
Ion Ratio Lower Upper
82 100
128 49.8 37.0 55.4
54 37.6 31.5 47.3

Manual Integrations
APPROVED

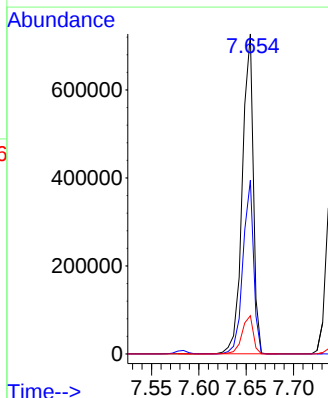
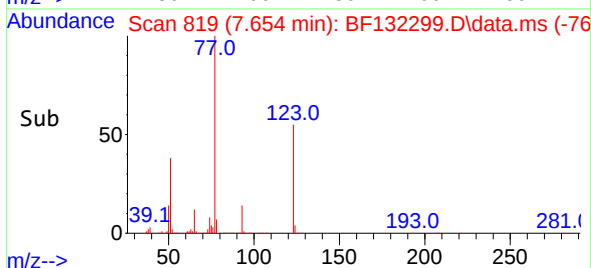
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

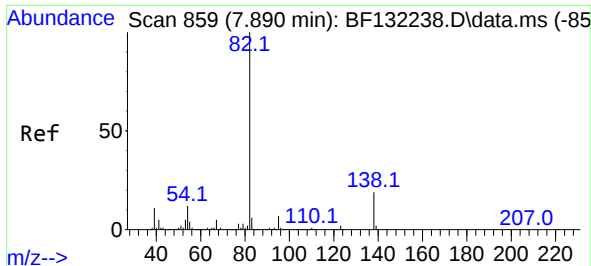


#24
Nitrobenzene
Concen: 39.813 ng
RT: 7.654 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



Tgt Ion: 77 Resp: 584402
Ion Ratio Lower Upper
77 100
123 54.2 39.5 59.3
65 11.9 9.8 14.8





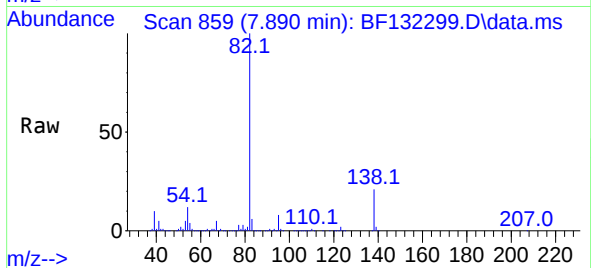
#25
Isophorone
Concen: 41.113 ng
RT: 7.890 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MS

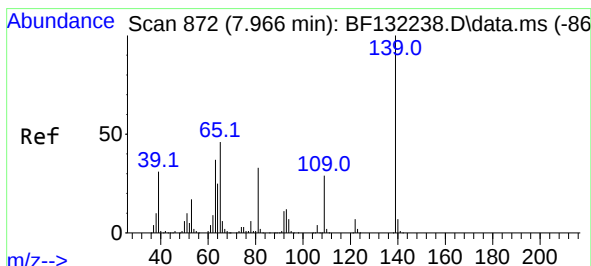
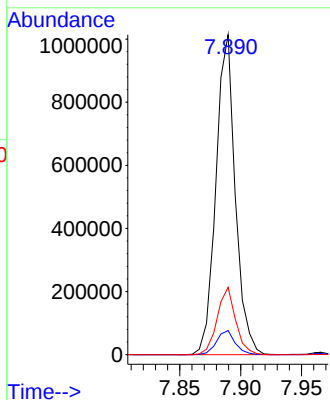
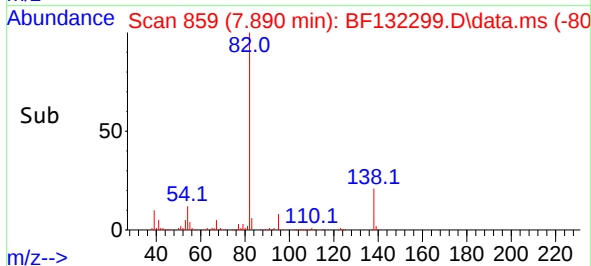


Tgt Ion: 82 Resp: 112118
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 21.0 15.0 22.6

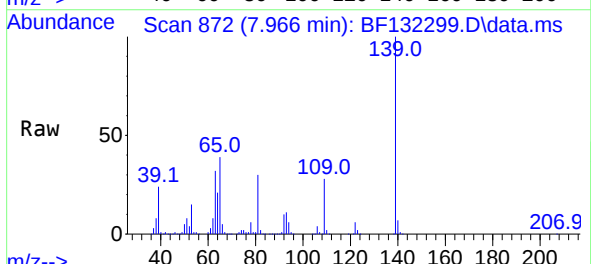
Manual Integrations

APPROVED

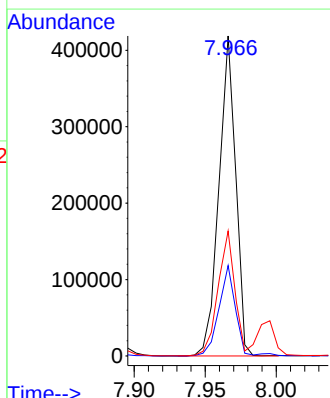
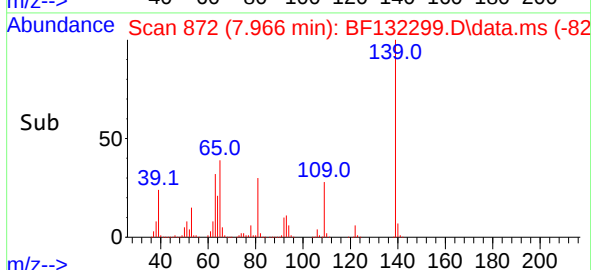
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

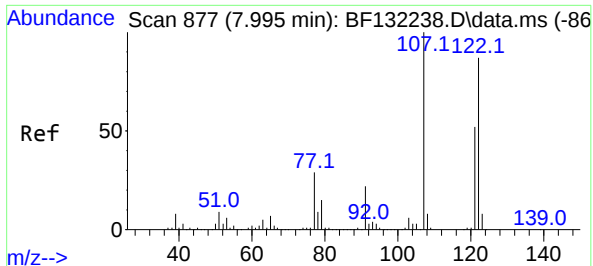


#26
2-Nitrophenol
Concen: 48.074 ng
RT: 7.966 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



Tgt Ion:139 Resp: 343724
Ion Ratio Lower Upper
139 100
109 28.2 23.0 34.6
65 39.0 36.6 55.0





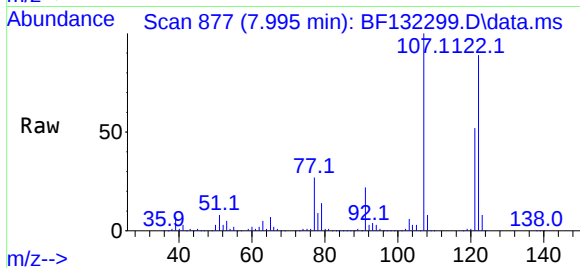
#27
2,4-Dimethylphenol
Concen: 43.548 ng
RT: 7.995 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MS

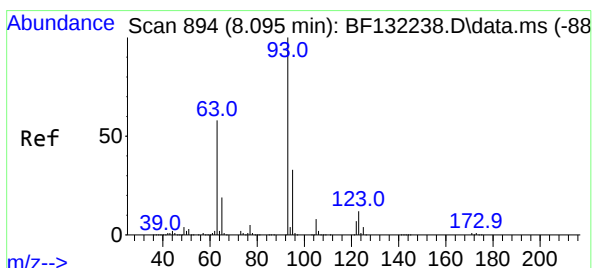
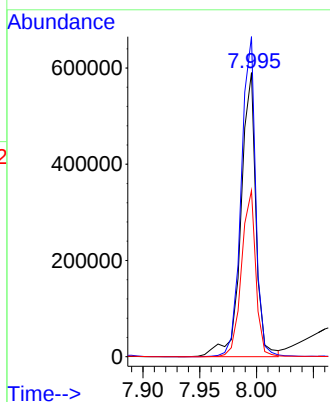
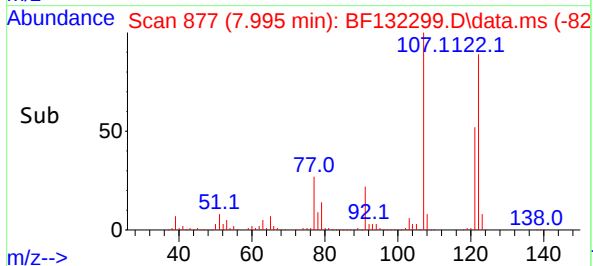


Tgt Ion:122 Resp: 54498
Ion Ratio Lower Upper
122 100
107 112.6 91.9 137.9
121 58.5 47.8 71.8

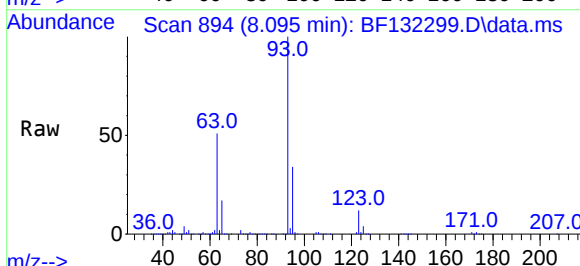
Manual Integrations

APPROVED

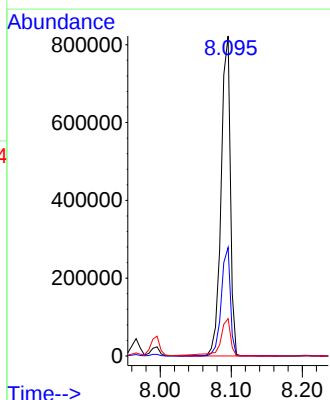
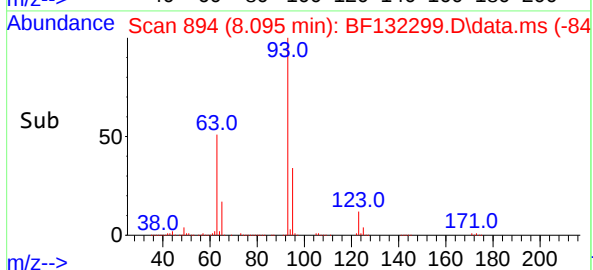
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

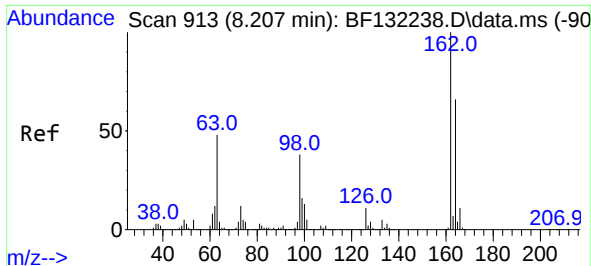


#28
bis(2-Chloroethoxy)methane
Concen: 43.823 ng
RT: 8.095 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



Tgt Ion: 93 Resp: 734411
Ion Ratio Lower Upper
93 100
95 33.9 26.6 40.0
123 11.6 9.5 14.3





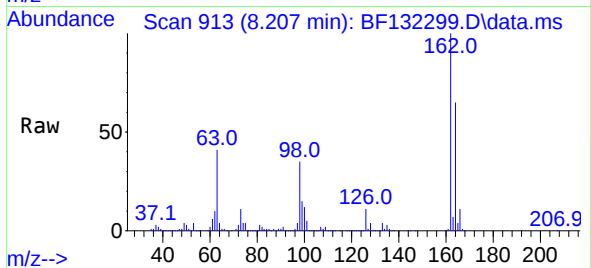
#29
2,4-Dichlorophenol
Concen: 45.122 ng
RT: 8.207 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MS

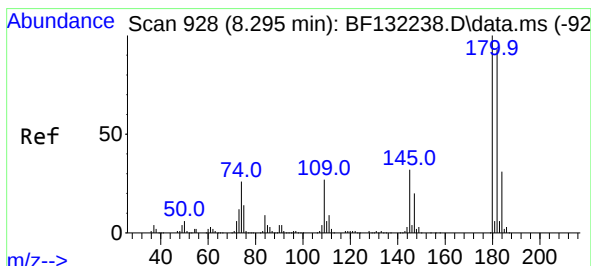
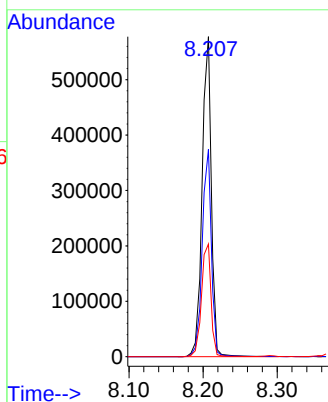
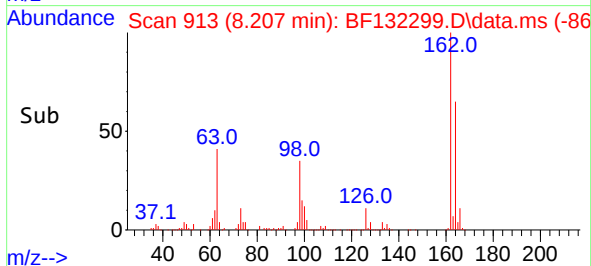


Tgt Ion:162 Resp: 501345
Ion Ratio Lower Upper
162 100
164 64.8 46.4 86.4
98 35.2 17.8 57.8

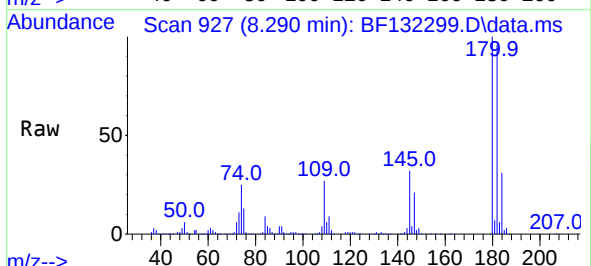
Manual Integrations

APPROVED

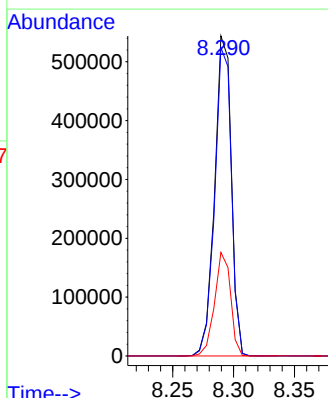
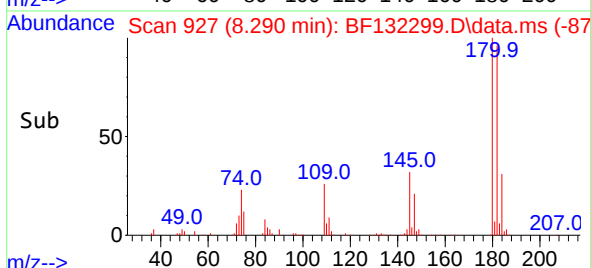
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

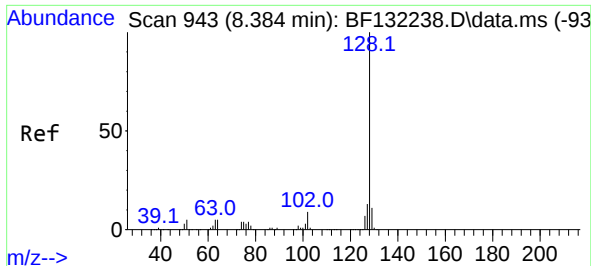


#30
1,2,4-Trichlorobenzene
Concen: 43.775 ng
RT: 8.290 min Scan# 927
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



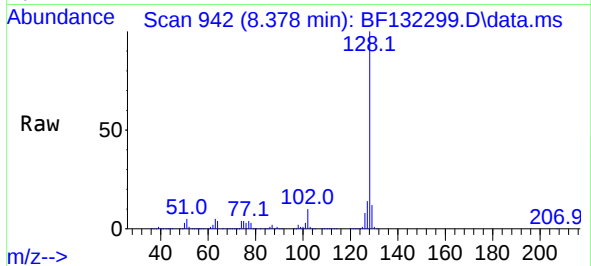
Tgt Ion:180 Resp: 520840
Ion Ratio Lower Upper
180 100
182 96.4 74.6 112.0
145 32.3 25.3 37.9





#31
Naphthalene
Concen: 40.624 ng
RT: 8.378 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

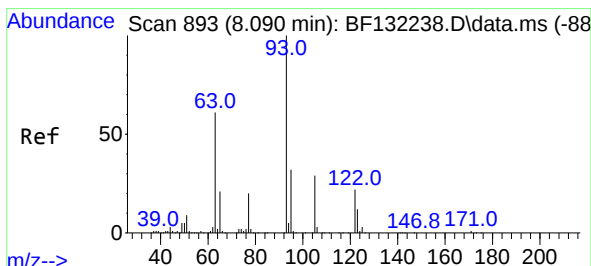
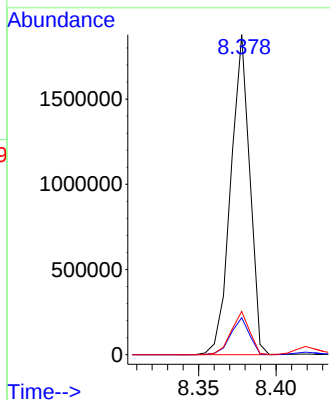
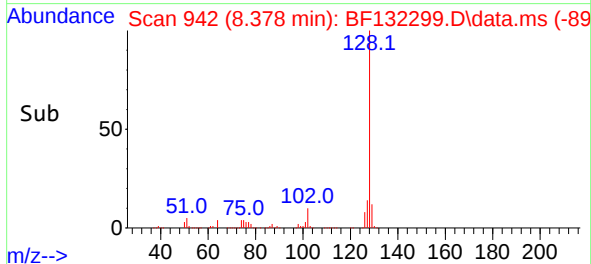
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MS



Tgt Ion:128 Resp: 1598778
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.5 10.5 15.7

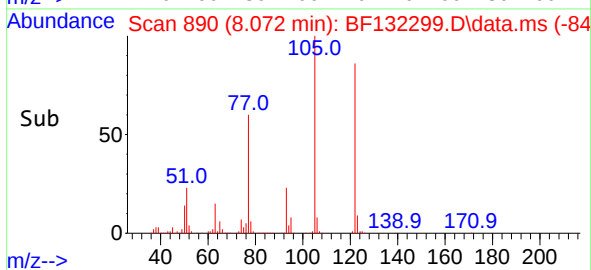
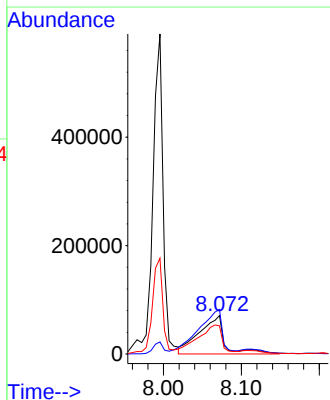
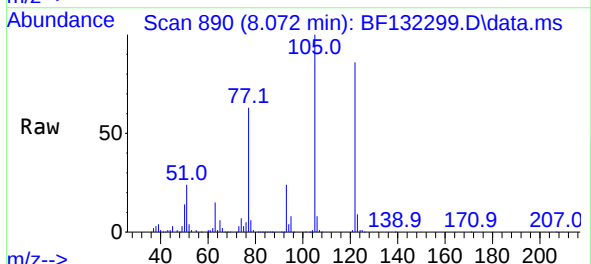
Manual Integrations
APPROVED

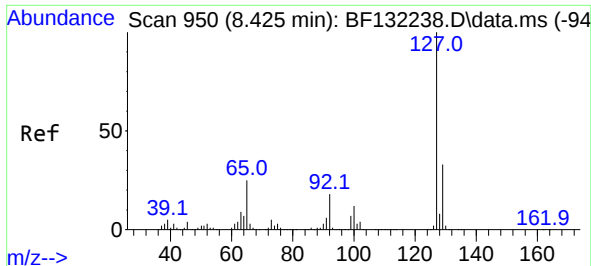
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#32
Benzoic acid
Concen: 17.552 ng m
RT: 8.072 min Scan# 890
Delta R.T. -0.018 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Tgt Ion:122 Resp: 162593
Ion Ratio Lower Upper
122 100
105 115.7 106.3 146.3
77 73.3 70.6 110.6





#33
4-Chloroaniline
Concen: 3.319 ng
RT: 8.419 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

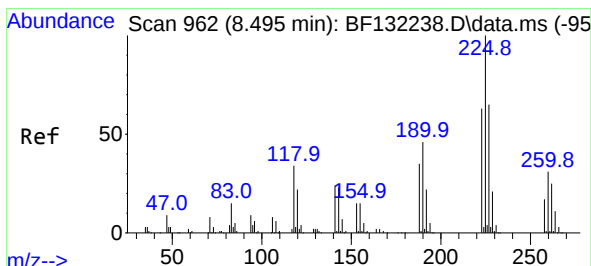
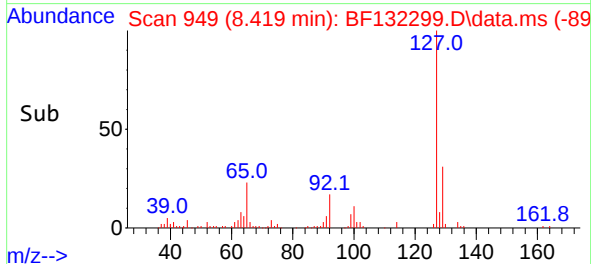
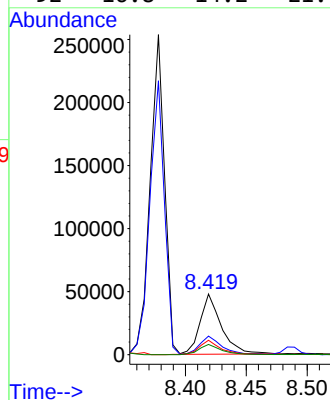
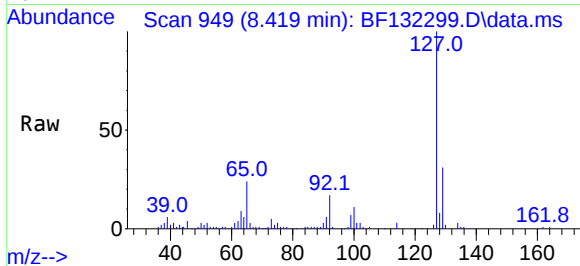
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MS

Tgt Ion:127 Resp: 57920

Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.6	39.8
65	23.7	20.2	30.2
92	16.8	14.2	21.4

Manual Integrations
APPROVED

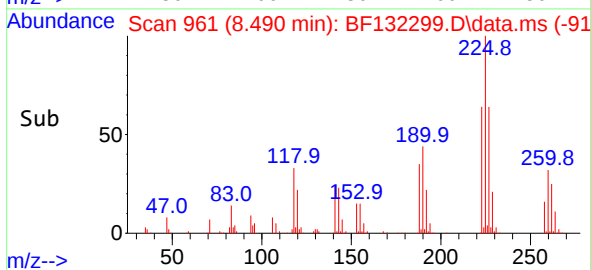
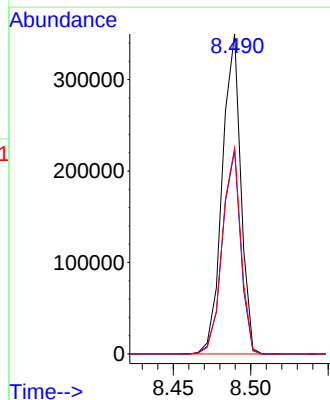
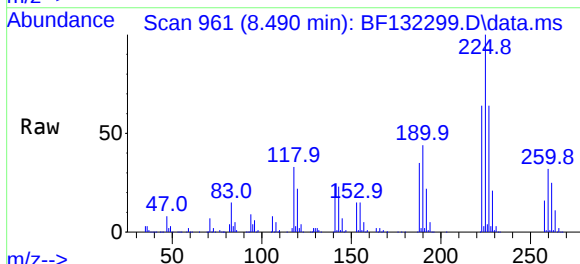
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

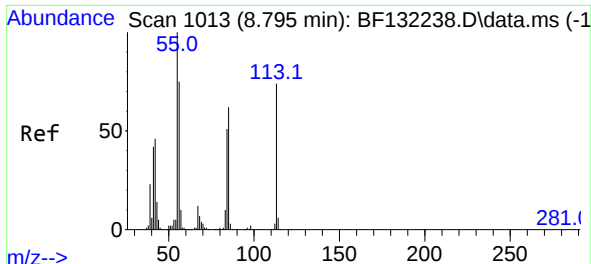


#34
Hexachlorobutadiene
Concen: 43.353 ng
RT: 8.490 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Tgt Ion:225 Resp: 289983

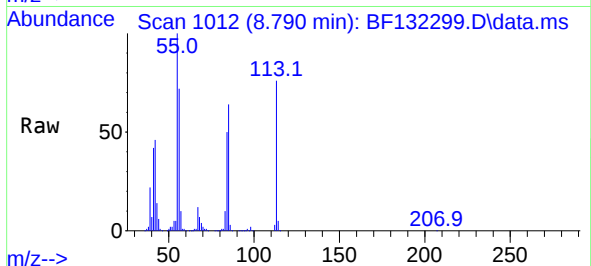
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	75.8
227	64.3	51.7	77.5





#35
Caprolactam
Concen: 37.335 ng m
RT: 8.790 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

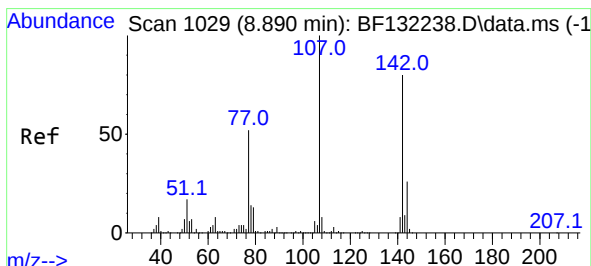
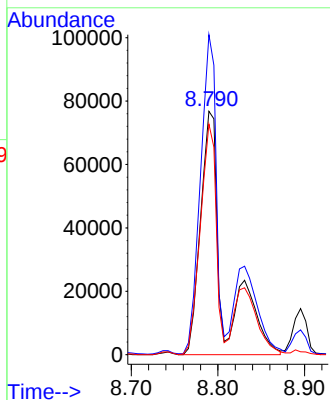
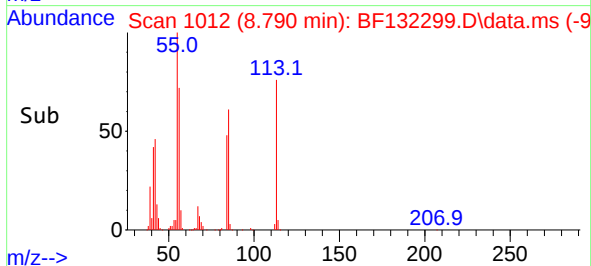
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MS



Tgt Ion:113 Resp: 141420
Ion Ratio Lower Upper
113 100
55 131.5 114.7 154.7
56 94.7 81.1 121.1

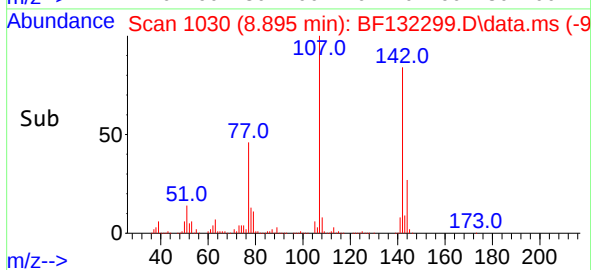
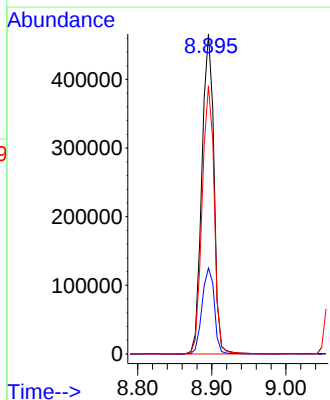
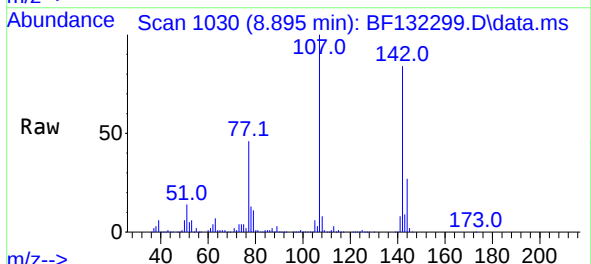
Manual Integrations
APPROVED

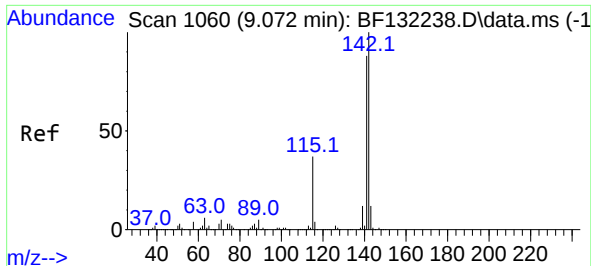
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#36
4-Chloro-3-methylphenol
Concen: 44.087 ng
RT: 8.895 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Tgt Ion:107 Resp: 527719
Ion Ratio Lower Upper
107 100
144 26.9 20.5 30.7
142 83.8 63.6 95.4





#37
2-Methylnaphthalene
Concen: 40.803 ng
RT: 9.072 min Scan# 1060
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

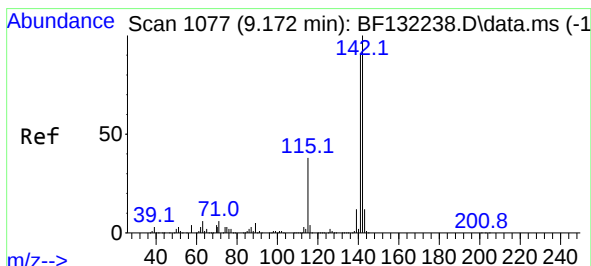
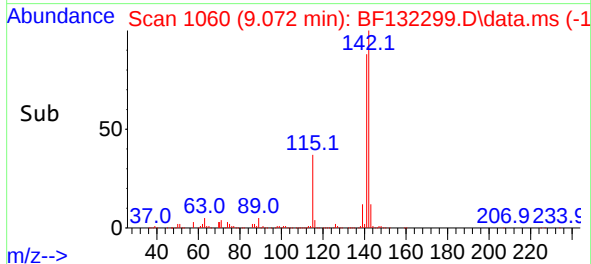
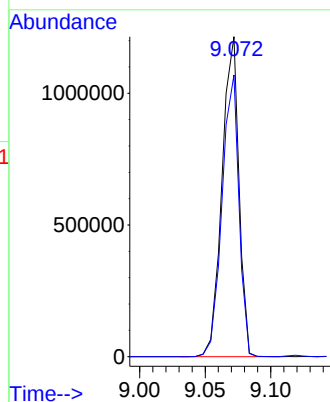
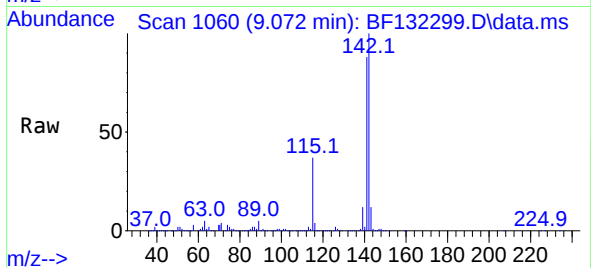
JPP-9-013123MS

Tgt Ion:142 Resp: 1087724
Ion Ratio Lower Upper
142 100
141 88.0 70.1 105.1

Manual Integrations

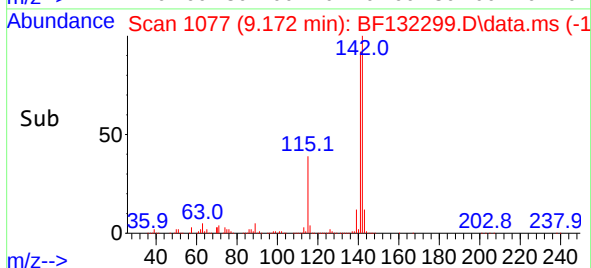
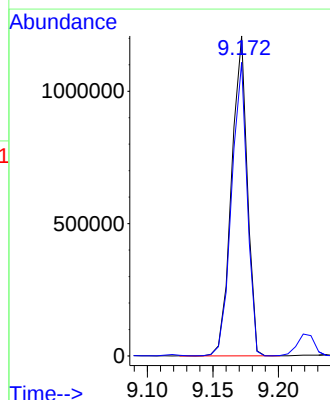
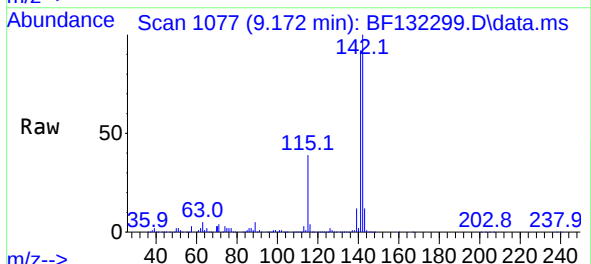
APPROVED

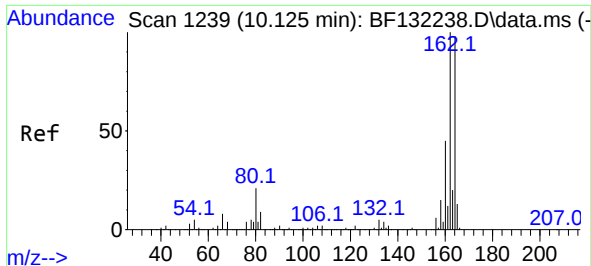
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#38
1-Methylnaphthalene
Concen: 40.892 ng
RT: 9.172 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Tgt Ion:142 Resp: 1013037
Ion Ratio Lower Upper
142 100
141 91.7 72.6 108.8





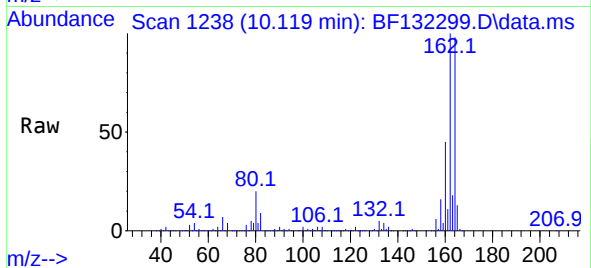
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MS

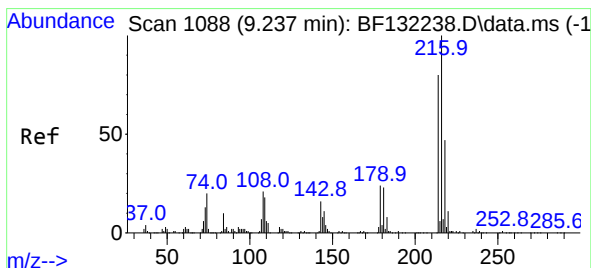
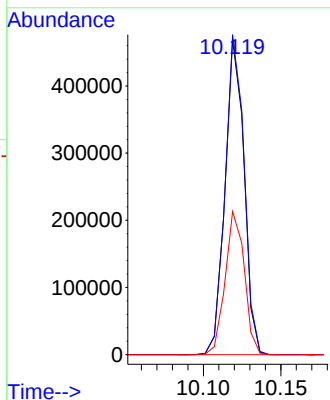
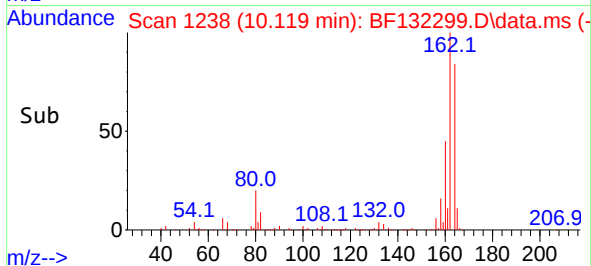


Tgt Ion:164 Resp: 39949
Ion Ratio Lower Upper
164 100
162 101.7 82.0 123.0
160 45.5 37.1 55.7

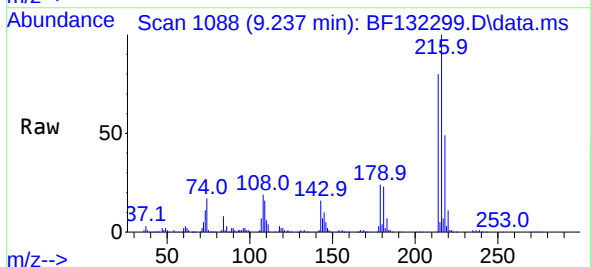
Manual Integrations

APPROVED

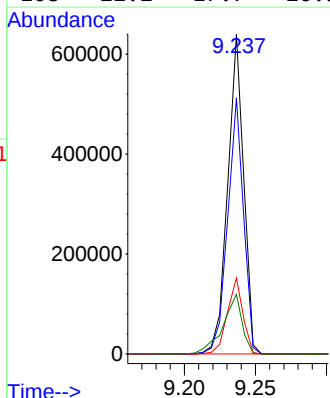
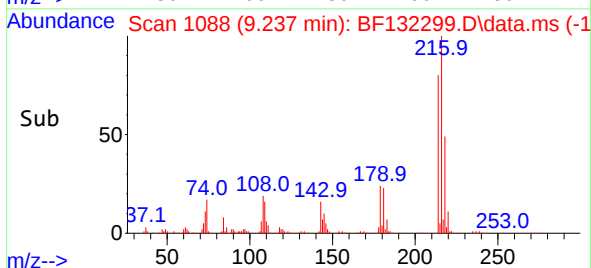
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

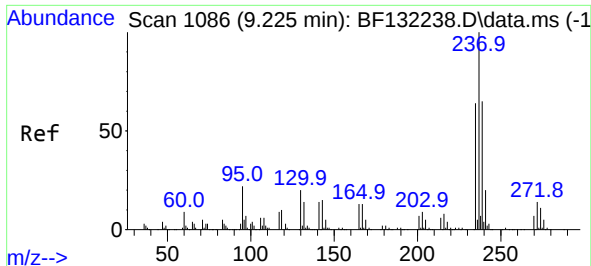


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.509 ng
RT: 9.237 min Scan# 1088
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



Tgt Ion:216 Resp: 500377
Ion Ratio Lower Upper
216 100
214 79.4 63.6 95.4
179 23.1 18.3 27.5
108 22.2 17.7 26.5





#41
Hexachlorocyclopentadiene
Concen: 88.416 ng
RT: 9.225 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

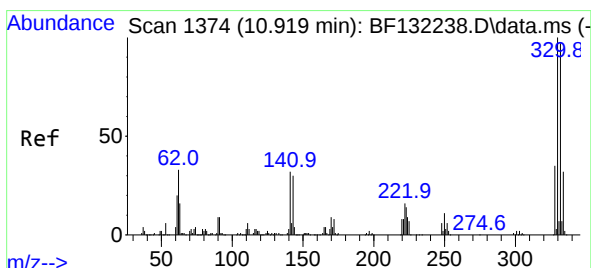
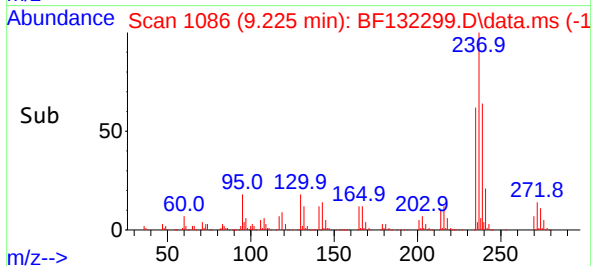
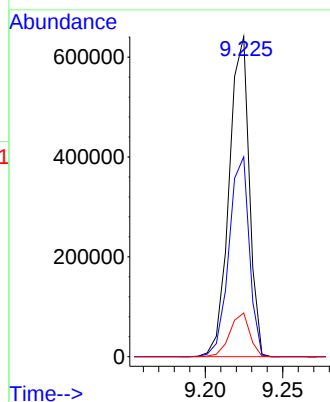
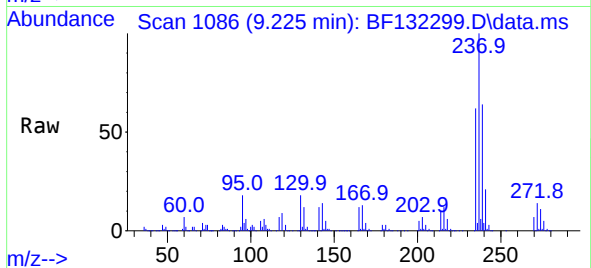
JPP-9-013123MS

Tgt Ion:237 Resp: 57992
Ion Ratio Lower Upper
237 100
235 62.5 43.5 83.5
272 13.7 0.0 33.6

Manual Integrations

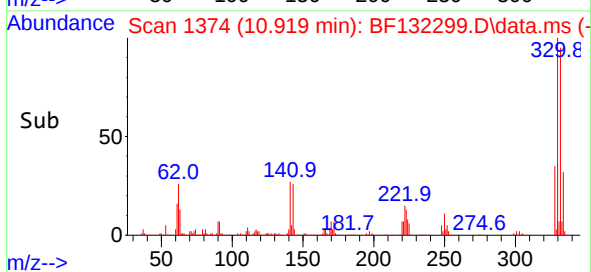
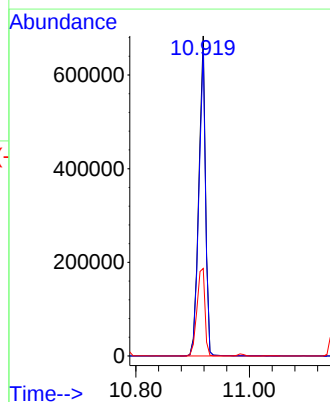
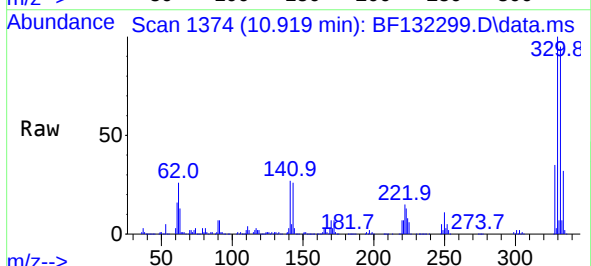
APPROVED

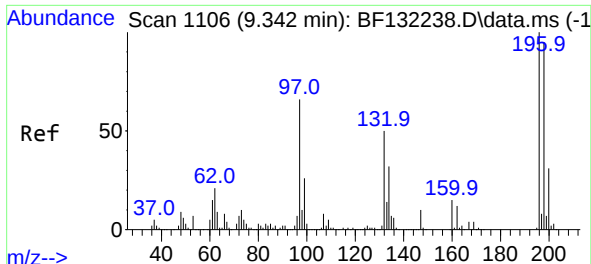
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#42
2,4,6-Tribromophenol
Concen: 137.972 ng
RT: 10.919 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

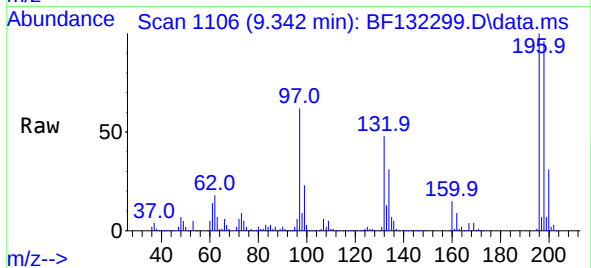
Tgt Ion:330 Resp: 566820
Ion Ratio Lower Upper
330 100
332 95.5 77.9 116.9
141 32.6 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 45.680 ng
RT: 9.342 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

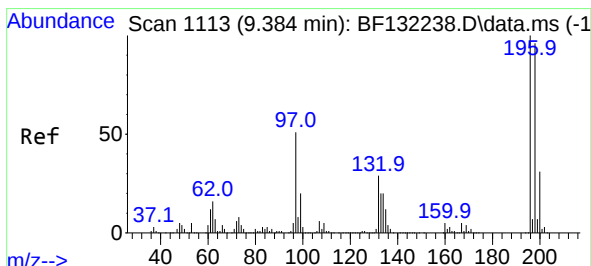
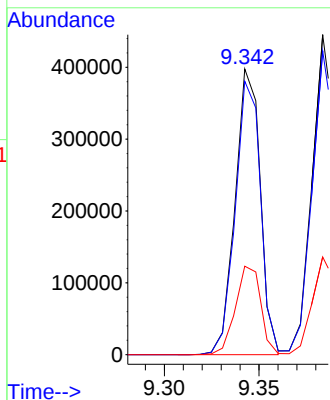
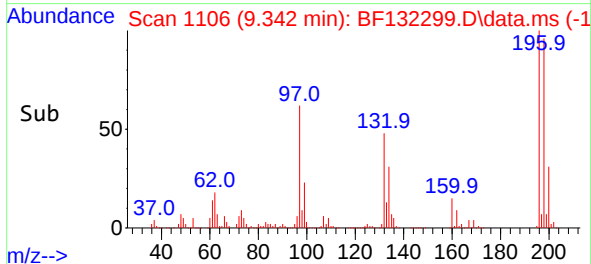
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MS



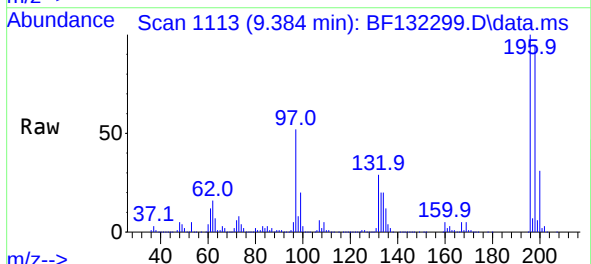
Tgt Ion:196 Resp: 367090
Ion Ratio Lower Upper
196 100
198 95.7 75.9 113.9
200 31.0 24.7 37.1

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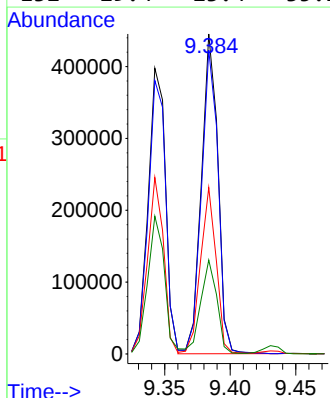
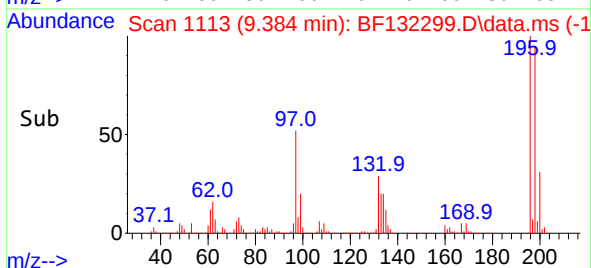
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

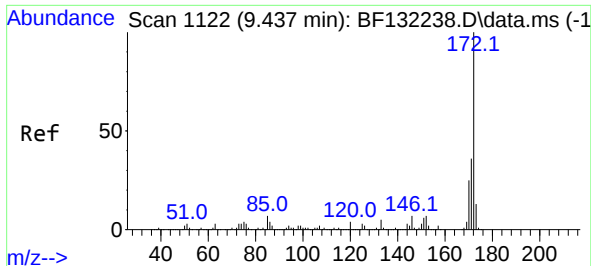


#44
2,4,5-Trichlorophenol
Concen: 42.285 ng
RT: 9.384 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



Tgt Ion:196 Resp: 391115
Ion Ratio Lower Upper
196 100
198 94.9 77.0 115.4
97 52.0 41.2 61.8
132 29.4 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 76.541 ng

RT: 9.431 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BF132299.D

Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MS

Tgt Ion:172 Resp: 1980092

Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

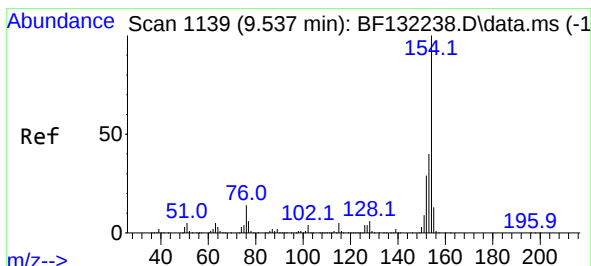
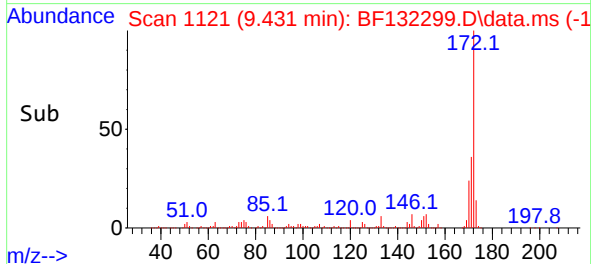
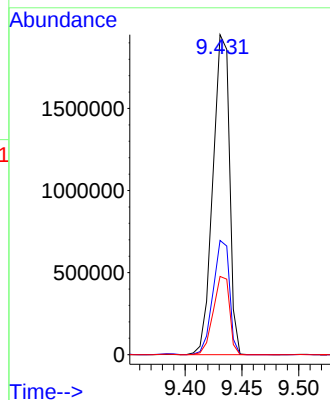
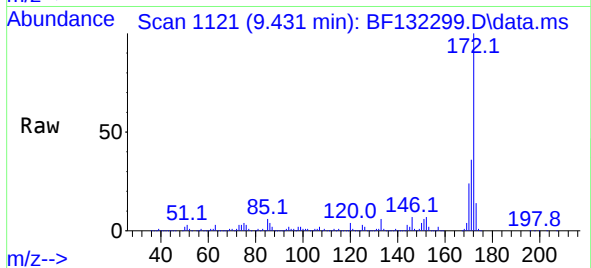
170 24.5 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#46

1,1'-Biphenyl

Concen: 42.624 ng

RT: 9.537 min Scan# 1139

Delta R.T. -0.000 min

Lab File: BF132299.D

Acq: 02 Feb 2023 19:06

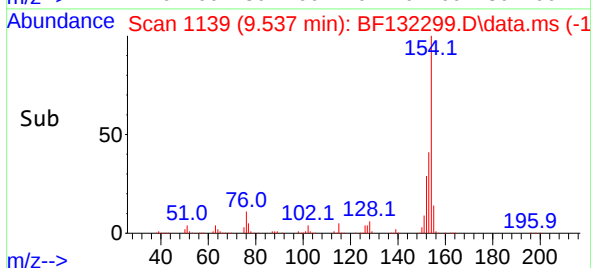
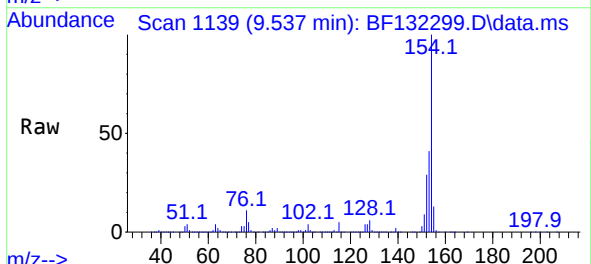
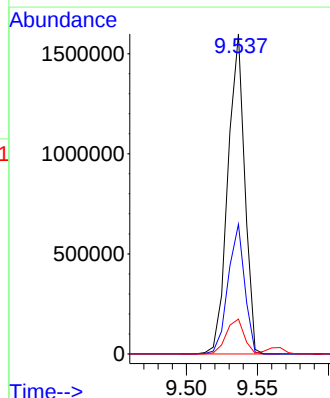
Tgt Ion:154 Resp: 1312769

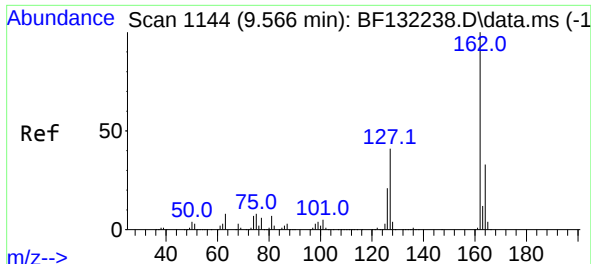
Ion Ratio Lower Upper

154 100

153 40.6 19.9 59.9

76 10.9 0.0 34.0





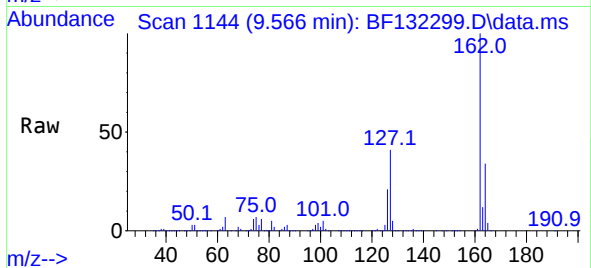
#47
2-Chloronaphthalene
Concen: 43.791 ng
RT: 9.566 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MS

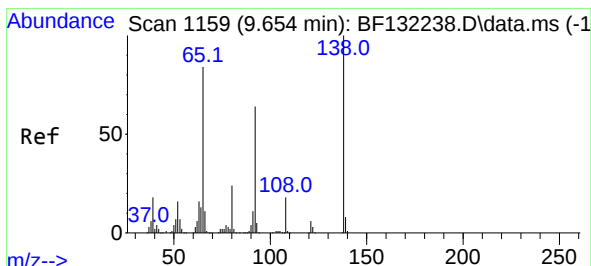
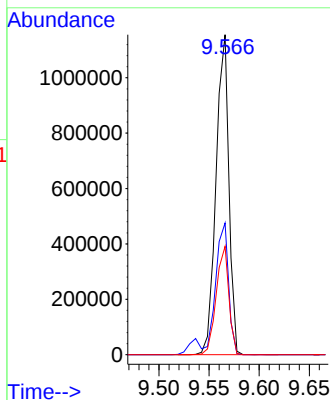
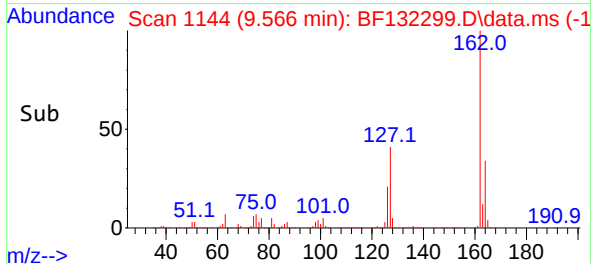


Tgt Ion:162 Resp: 102724
Ion Ratio Lower Upper
162 100
127 41.2 33.3 49.9
164 33.8 26.8 40.2

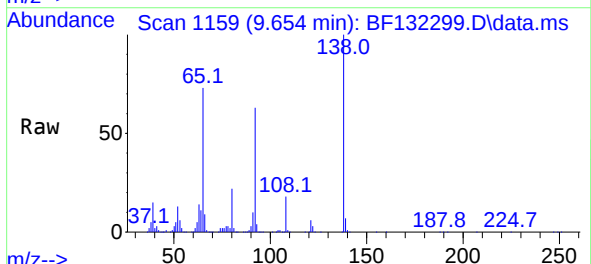
Manual Integrations

APPROVED

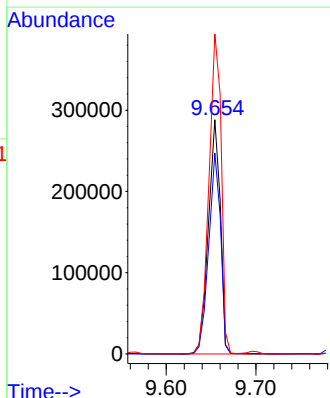
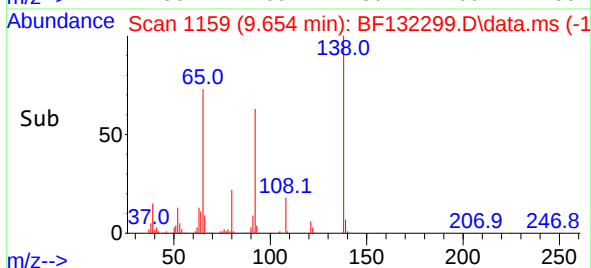
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

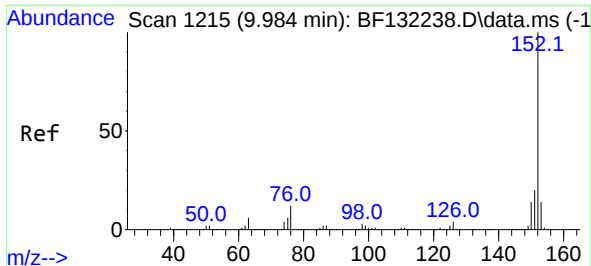


#48
2-Nitroaniline
Concen: 38.328 ng
RT: 9.654 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



Tgt Ion: 65 Resp: 267391
Ion Ratio Lower Upper
65 100
92 85.7 61.0 91.4
138 136.6 95.0 142.4





#49

Acenaphthylene

Concen: 42.052 ng

RT: 9.984 min Scan# 1189

Delta R.T. -0.000 min

Lab File: BF132299.D

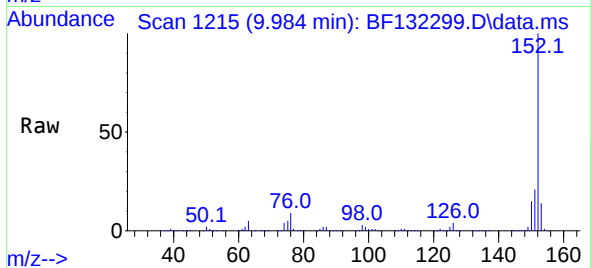
Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:152 Resp: 1609940

Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

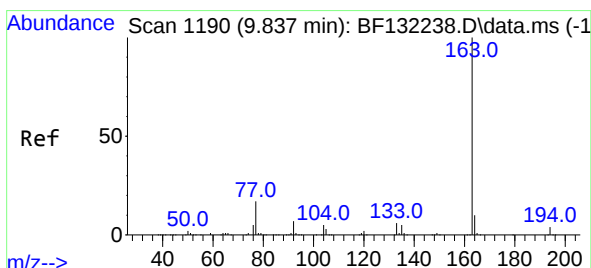
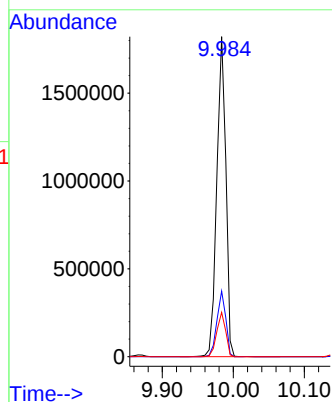
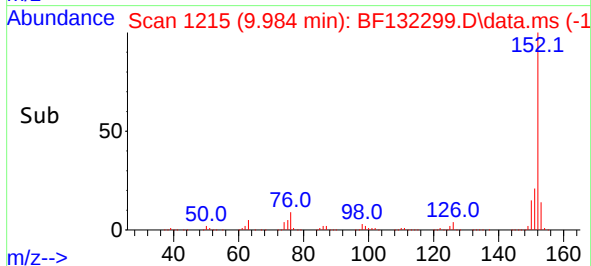
153 13.8 10.9 16.3

Manual Integrations

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Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#50

Dimethylphthalate

Concen: 44.010 ng

RT: 9.831 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF132299.D

Acq: 02 Feb 2023 19:06

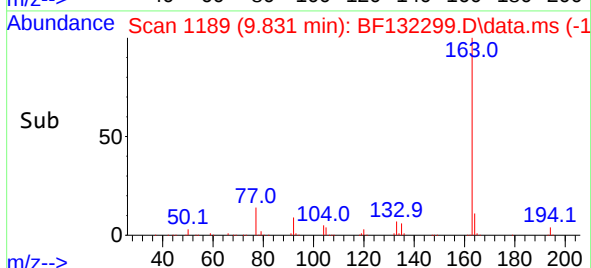
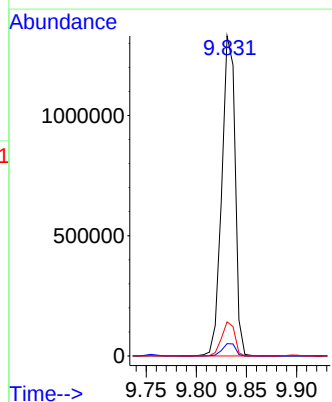
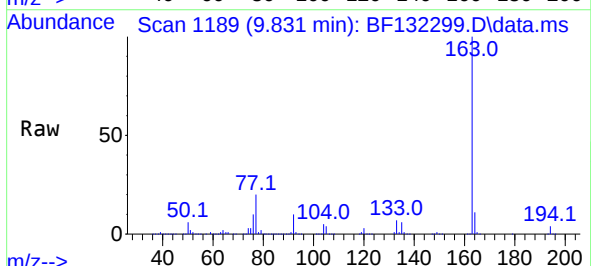
Tgt Ion:163 Resp: 1229838

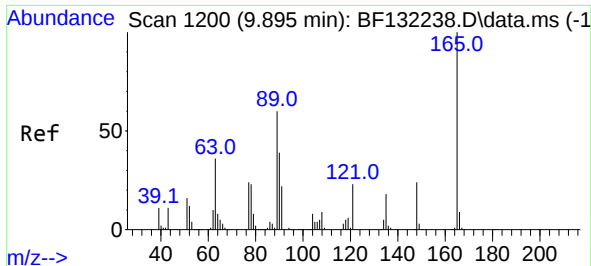
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.7 7.9 11.9





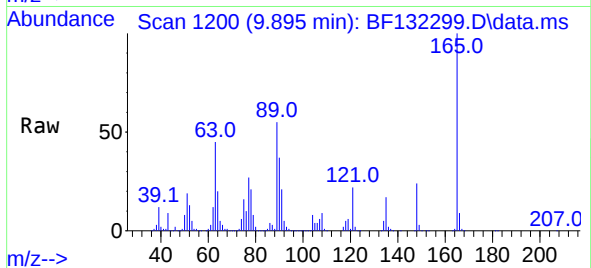
#51
2,6-Dinitrotoluene
Concen: 45.958 ng
RT: 9.895 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MS

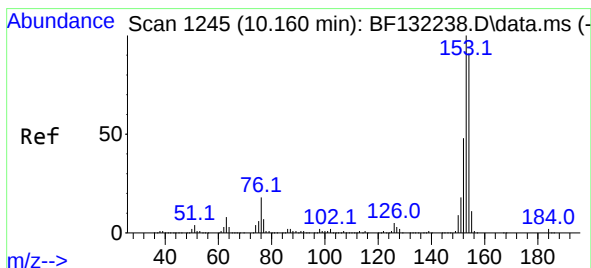
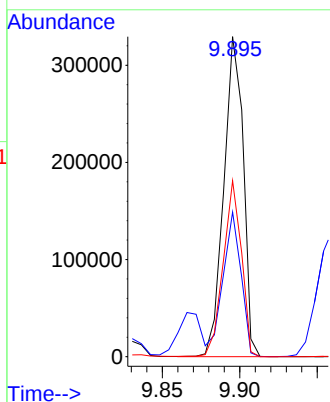
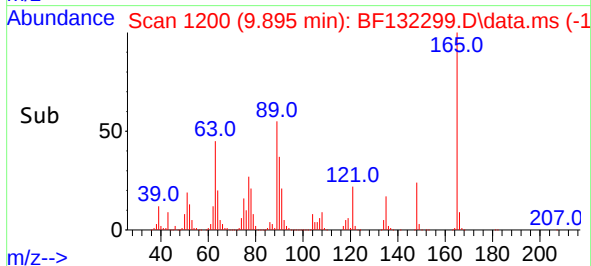


Tgt Ion:165 Resp: 286829
Ion Ratio Lower Upper
165 100
63 45.2 41.5 62.3
89 55.0 48.1 72.1

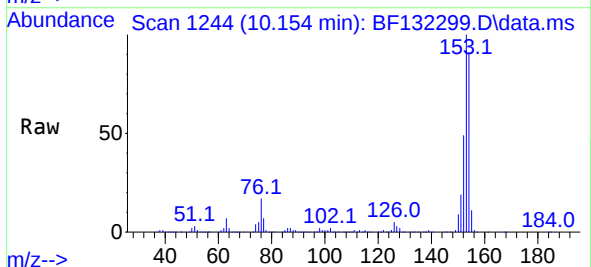
Manual Integrations

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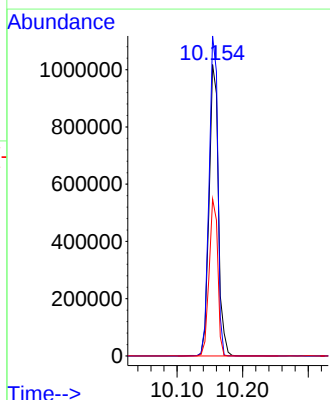
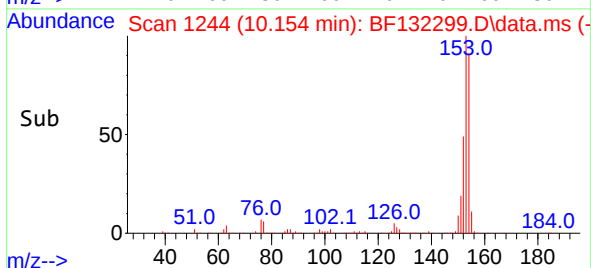
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

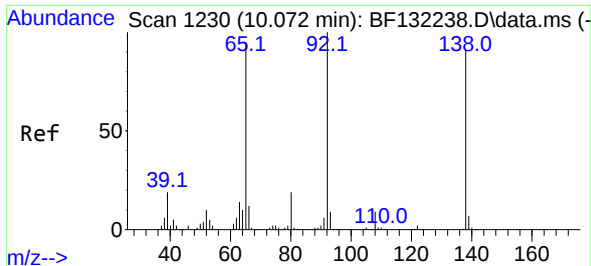


#52
Acenaphthene
Concen: 41.961 ng
RT: 10.154 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



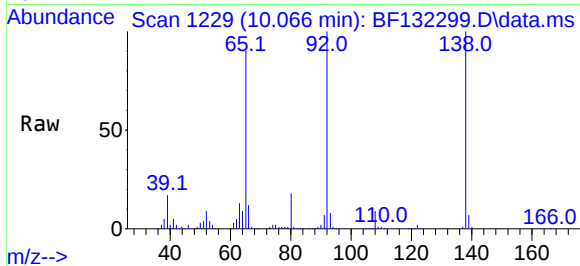
Tgt Ion:154 Resp: 1005739
Ion Ratio Lower Upper
154 100
153 109.8 88.3 132.5
152 53.9 42.7 64.1





#53
3-Nitroaniline
Concen: 15.022 ng
RT: 10.066 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

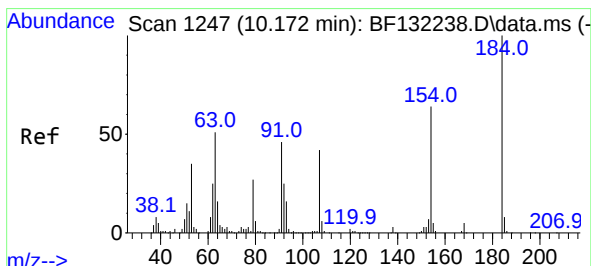
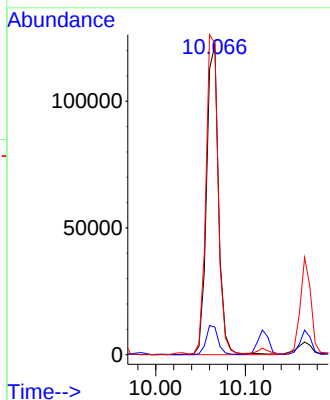
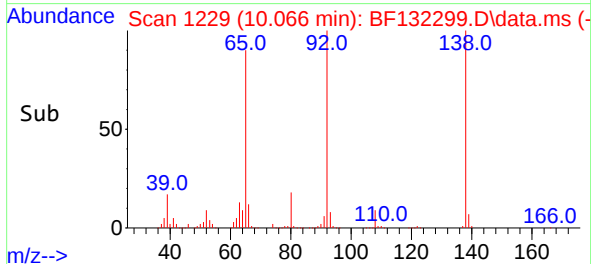
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MS



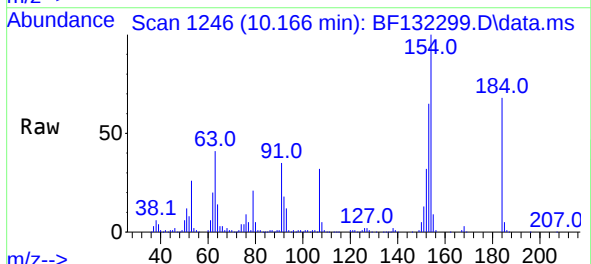
Tgt Ion:138 Resp: 113699
Ion Ratio Lower Upper
138 100
108 8.9 7.6 11.4
92 100.4 88.3 132.5

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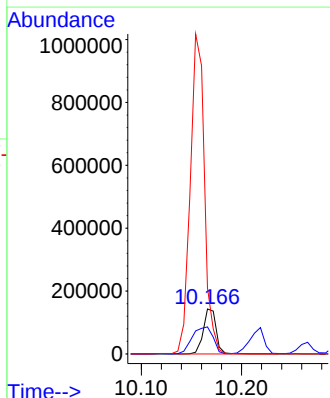
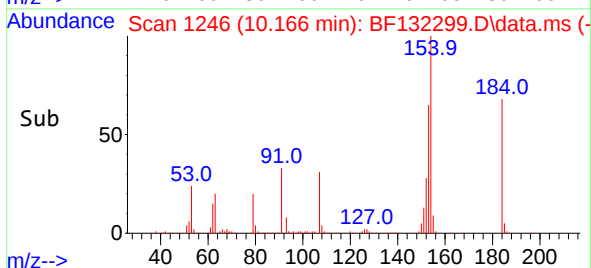
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

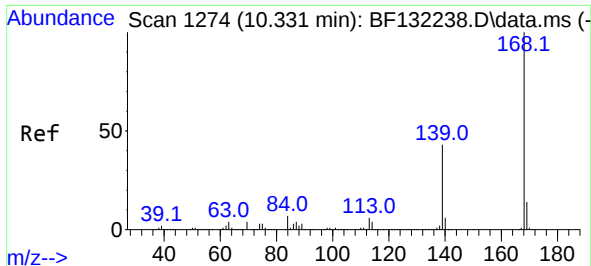


#54
2,4-Dinitrophenol
Concen: 37.862 ng
RT: 10.166 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



Tgt Ion:184 Resp: 128258
Ion Ratio Lower Upper
184 100
63 59.9 41.6 62.4
154 146.5 57.0 85.6#





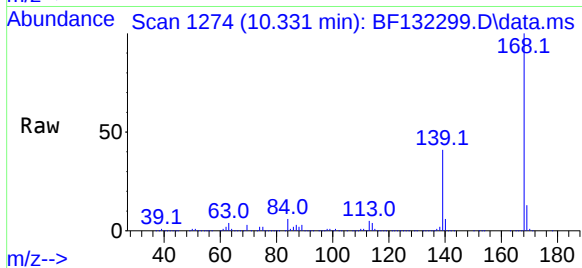
#55
Dibenzenofuran
Concen: 41.843 ng
RT: 10.331 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MS

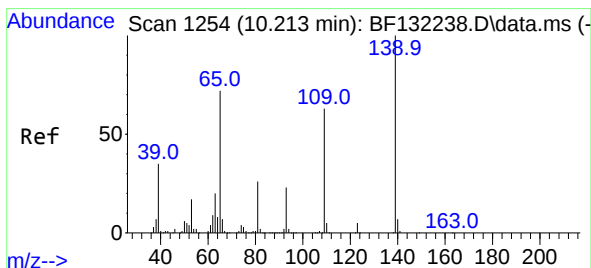
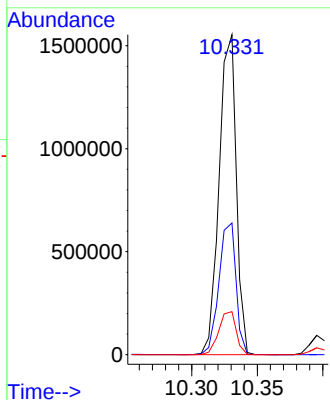
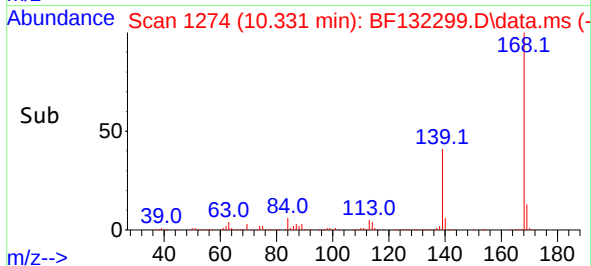


Tgt Ion:168 Resp: 1409110
Ion Ratio Lower Upper
168 100
139 41.2 34.2 51.4
169 13.5 11.2 16.8

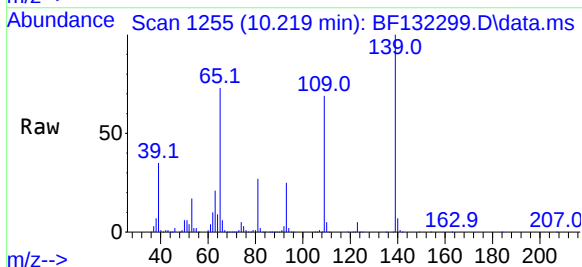
Manual Integrations

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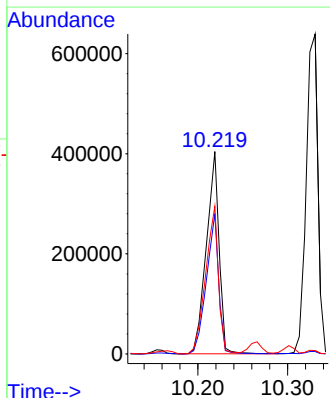
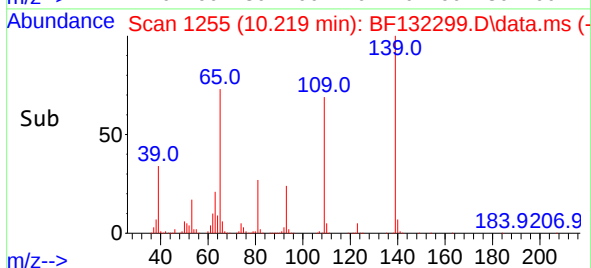
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

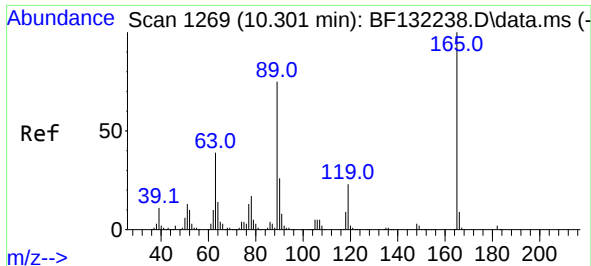


#56
4-Nitrophenol
Concen: 70.336 ng
RT: 10.219 min Scan# 1255
Delta R.T. 0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



Tgt Ion:139 Resp: 400593
Ion Ratio Lower Upper
139 100
109 69.3 43.3 83.3
65 73.0 52.3 92.3





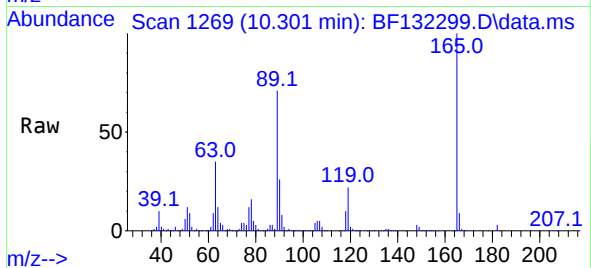
#57
2,4-Dinitrotoluene
Concen: 45.968 ng
RT: 10.301 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MS

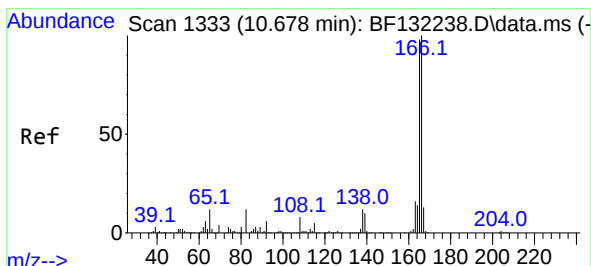
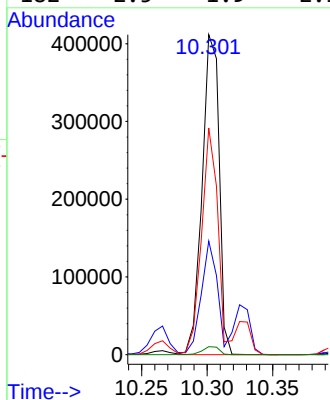
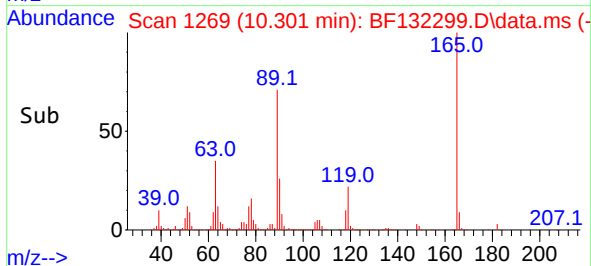


Tgt Ion:165 Resp: 372672
Ion Ratio Lower Upper
165 100
63 35.5 30.9 46.3
89 70.9 60.1 90.1
182 2.5 1.9 2.9

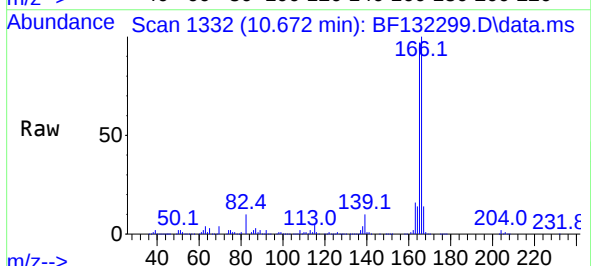
Manual Integrations

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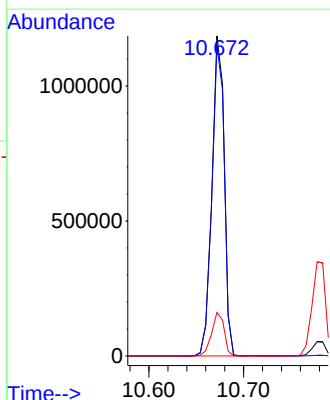
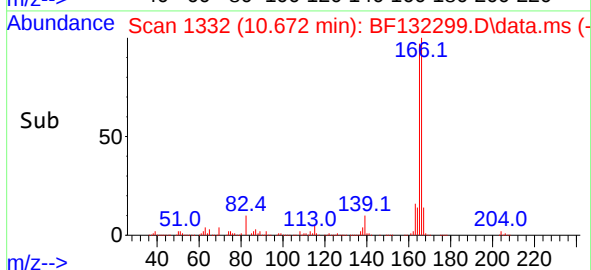
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

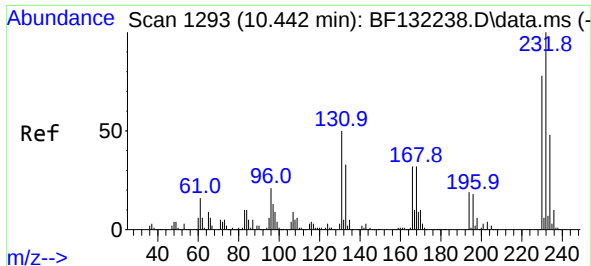


#58
Fluorene
Concen: 41.253 ng
RT: 10.672 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



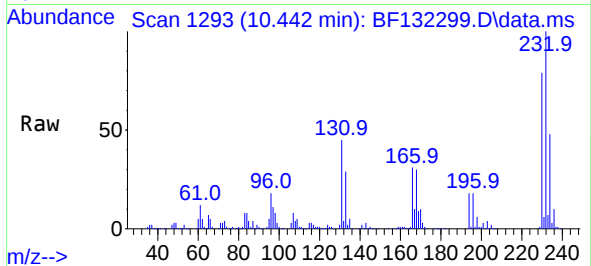
Tgt Ion:166 Resp: 1069176
Ion Ratio Lower Upper
166 100
165 96.8 78.0 117.0
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.729 ng
RT: 10.442 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

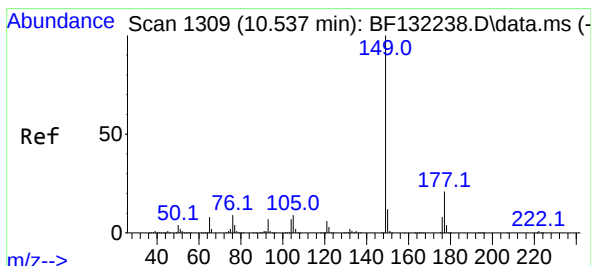
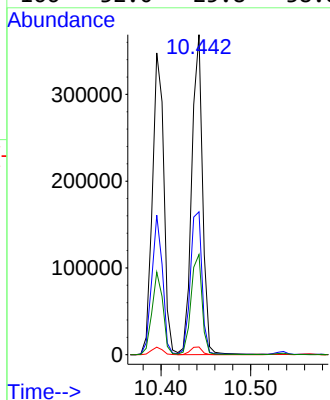
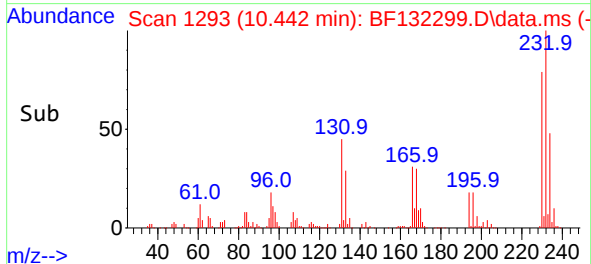
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MS



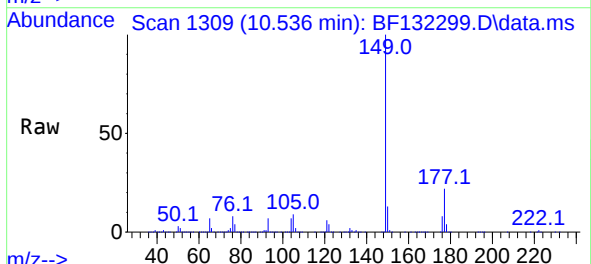
Tgt Ion:232 Resp: 308351
Ion Ratio Lower Upper
232 100
131 48.3 40.6 61.0
130 2.6 1.9 2.9
166 32.0 25.8 38.8

Manual Integrations
APPROVED

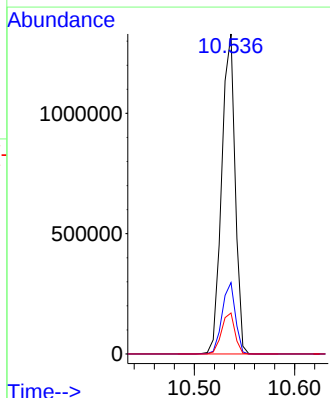
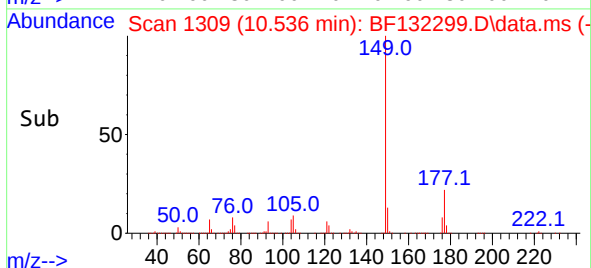
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

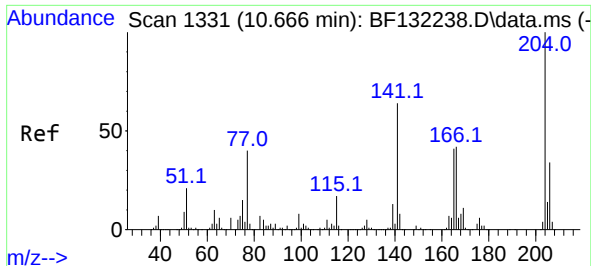


#60
Diethylphthalate
Concen: 44.458 ng
RT: 10.536 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



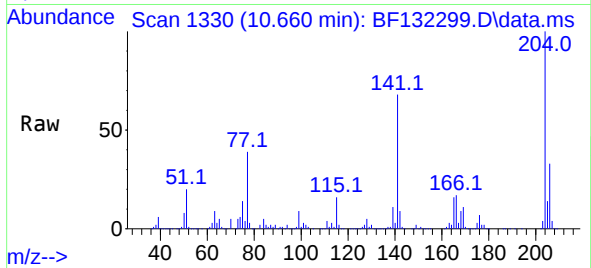
Tgt Ion:149 Resp: 1235906
Ion Ratio Lower Upper
149 100
177 22.3 17.1 25.7
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 43.639 ng
RT: 10.660 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

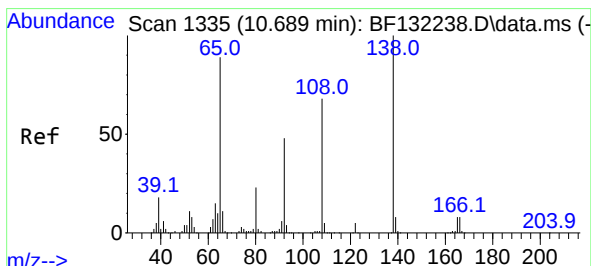
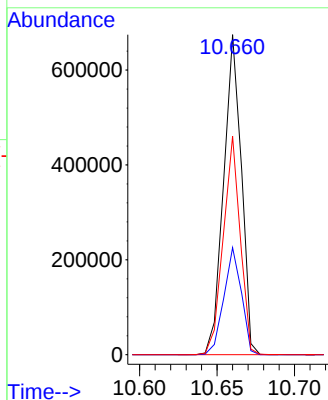
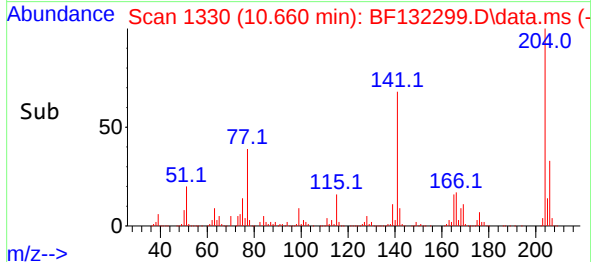
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MS



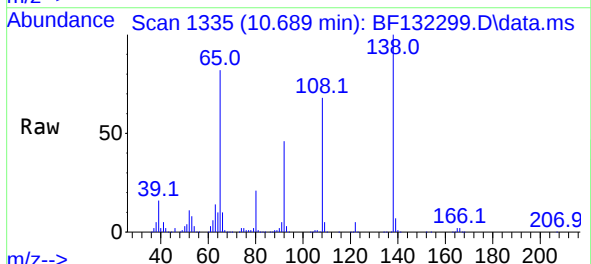
Tgt Ion:204 Resp: 53675
Ion Ratio Lower Upper
204 100
206 33.5 26.8 40.2
141 68.3 51.4 77.0

Manual Integrations
APPROVED

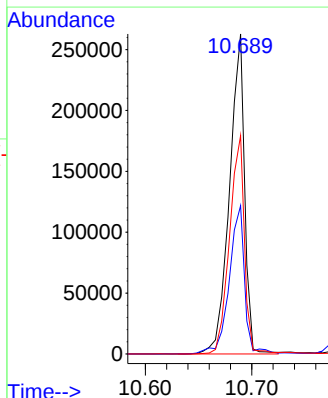
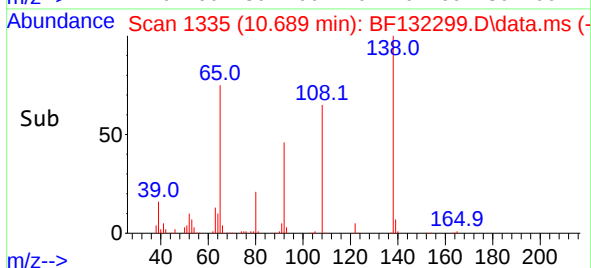
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

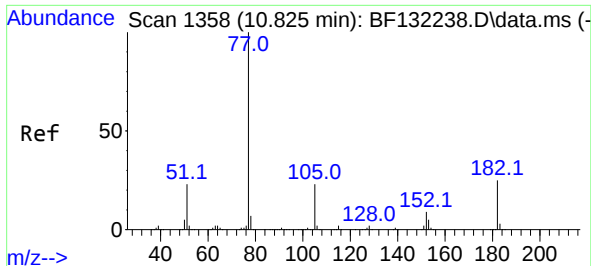


#62
4-Nitroaniline
Concen: 35.613 ng
RT: 10.689 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



Tgt Ion:138 Resp: 258471
Ion Ratio Lower Upper
138 100
92 46.3 27.7 67.7
108 68.2 48.5 88.5





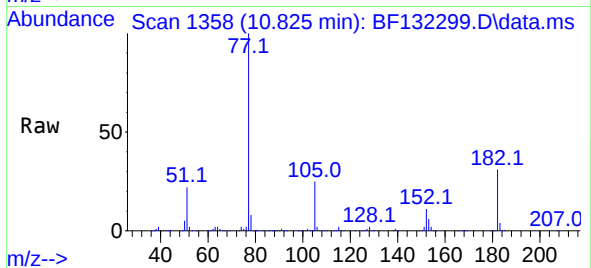
#63
Azobenzene
Concen: 38.681 ng
RT: 10.825 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MS

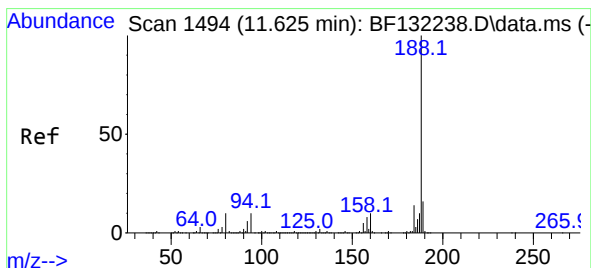
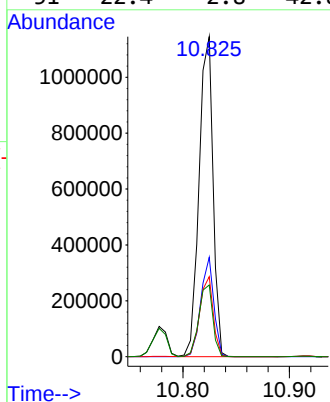
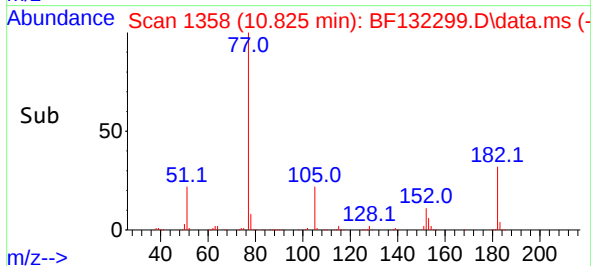


Tgt Ion: 77 Resp: 104742
Ion Ratio Lower Upper
77 100
182 31.0 4.5 44.5
105 25.0 2.7 42.7
51 22.4 2.8 42.8

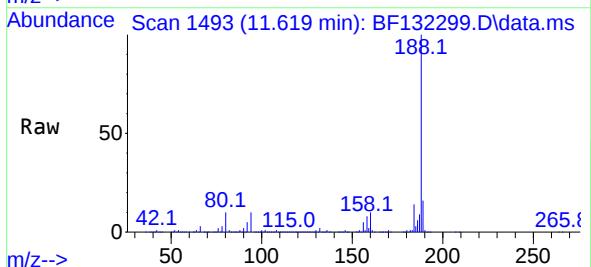
Manual Integrations

APPROVED

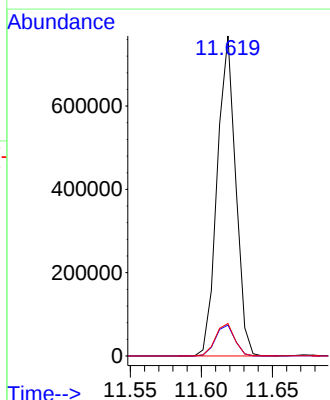
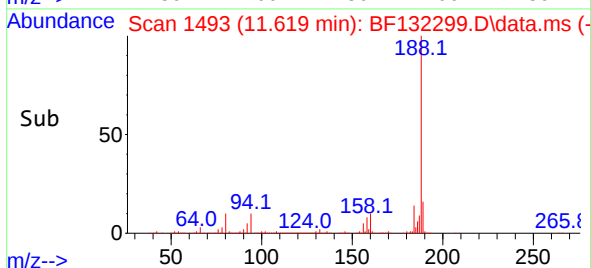
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

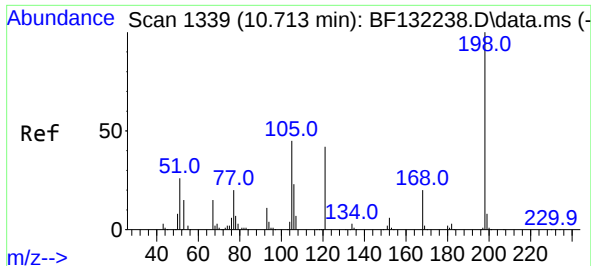


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



Tgt Ion:188 Resp: 693348
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 10.1 8.3 12.5





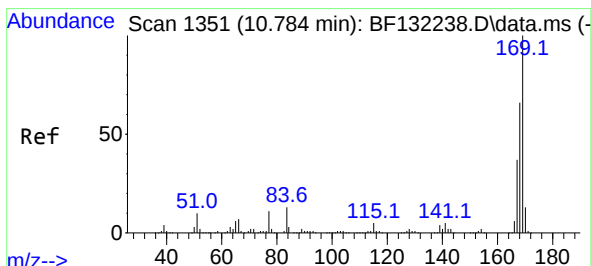
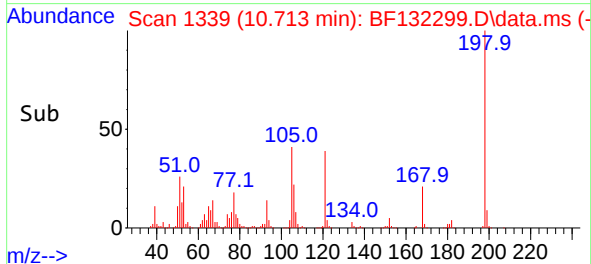
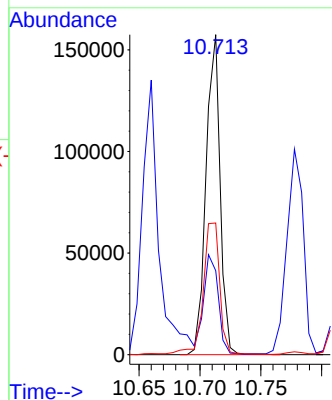
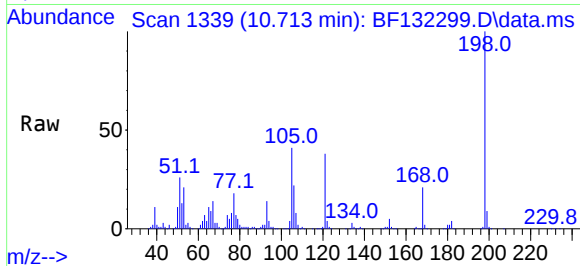
#65
4,6-Dinitro-2-methylphenol
Concen: 32.241 ng
RT: 10.713 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MS

Tgt Ion:198 Resp: 126875
Ion Ratio Lower Upper
198 100
51 26.3 13.1 53.1
105 41.1 26.0 66.0

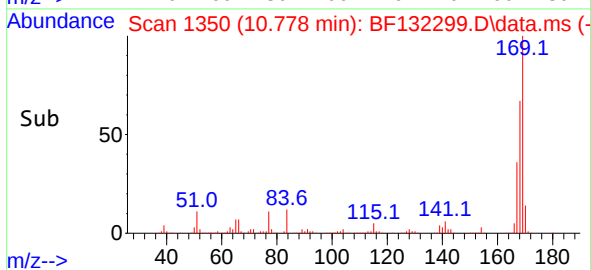
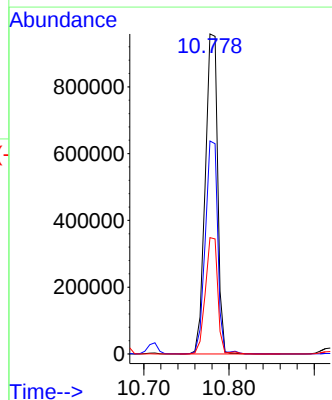
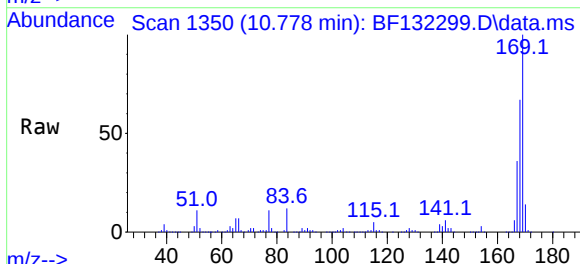
Manual Integrations
APPROVED

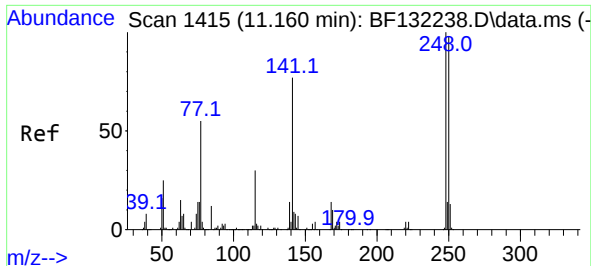
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#66
n-Nitrosodiphenylamine
Concen: 44.351 ng
RT: 10.778 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Tgt Ion:169 Resp: 962900
Ion Ratio Lower Upper
169 100
168 66.6 52.6 79.0
167 36.4 29.5 44.3





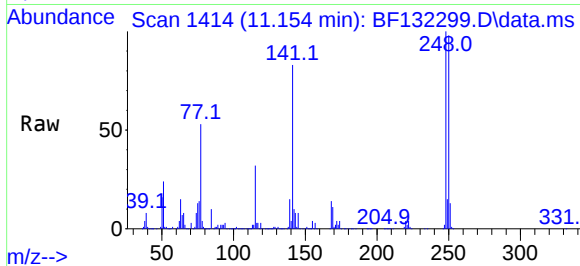
#67
4-Bromophenyl-phenylether
Concen: 48.327 ng
RT: 11.154 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MS

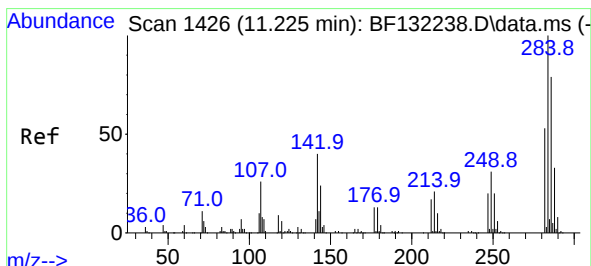
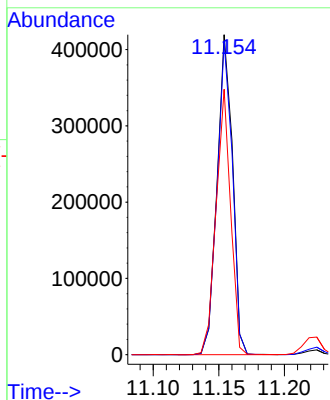
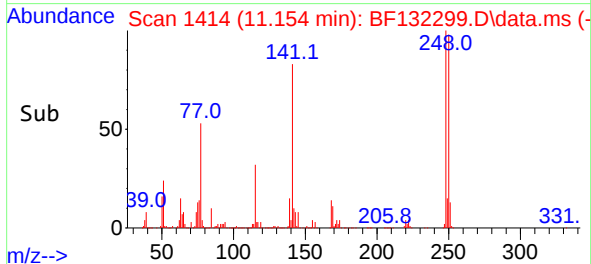


Tgt Ion:248 Resp: 343110
Ion Ratio Lower Upper
248 100
250 97.8 78.6 117.8
141 82.9 61.6 92.4

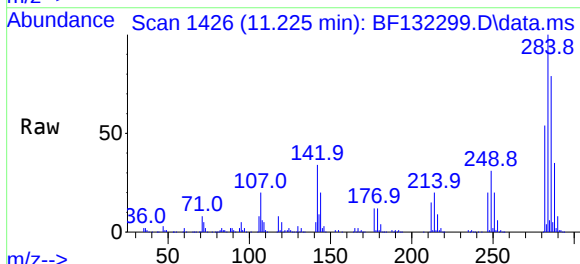
Manual Integrations

APPROVED

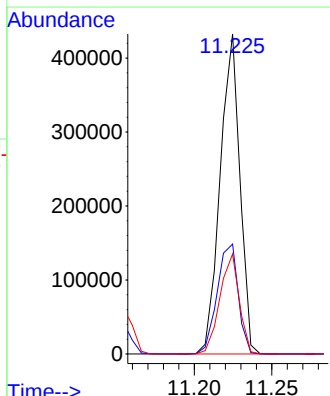
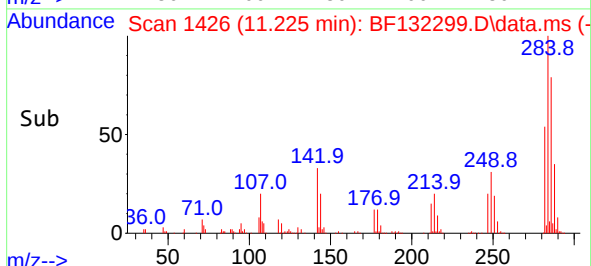
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

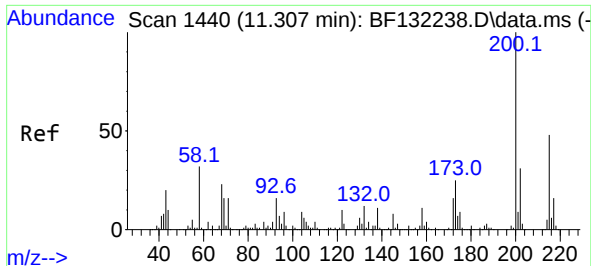


#68
Hexachlorobenzene
Concen: 50.375 ng
RT: 11.225 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



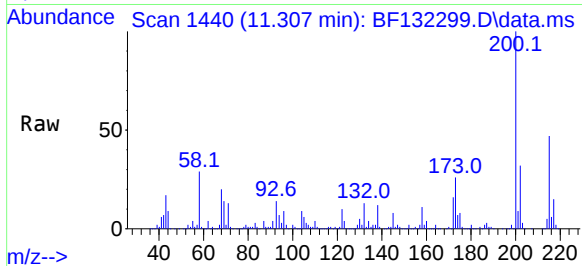
Tgt Ion:284 Resp: 382273
Ion Ratio Lower Upper
284 100
142 34.4 32.2 48.4
249 31.2 25.0 37.6





#69
Atrazine
Concen: 52.198 ng
RT: 11.307 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

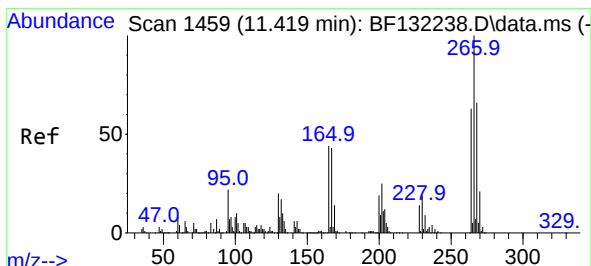
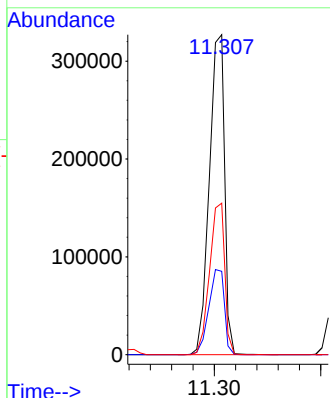
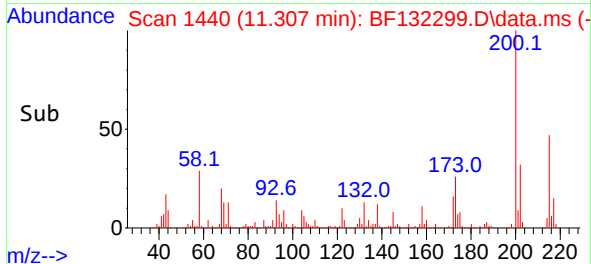
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MS



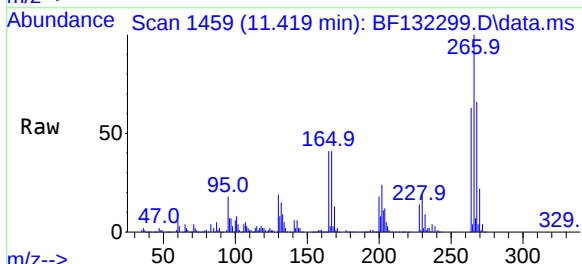
Tgt Ion:200 Resp: 325968
Ion Ratio Lower Upper
200 100
173 26.1 5.1 45.1
215 47.3 27.6 67.6

Manual Integrations
APPROVED

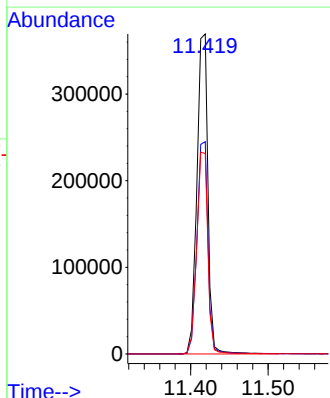
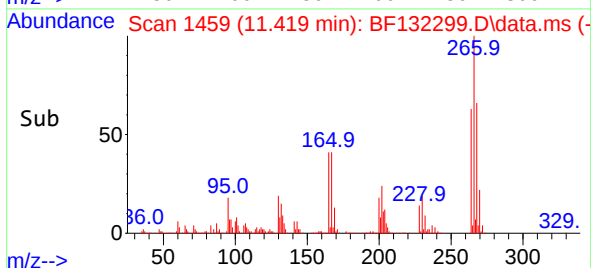
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

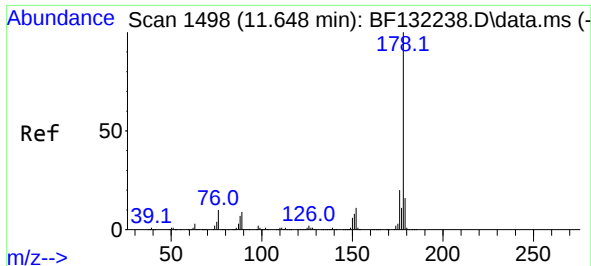


#70
Pentachlorophenol
Concen: 69.773 ng
RT: 11.419 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



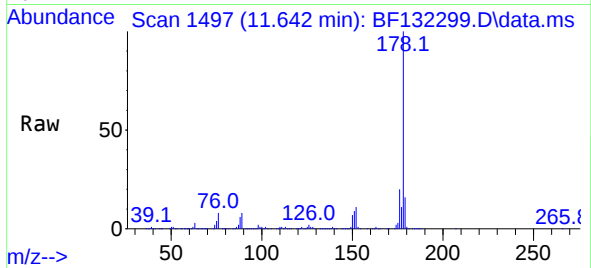
Tgt Ion:266 Resp: 363798
Ion Ratio Lower Upper
266 100
268 66.3 53.0 79.4
264 62.6 50.5 75.7





#71
Phenanthrene
Concen: 42.685 ng
RT: 11.642 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

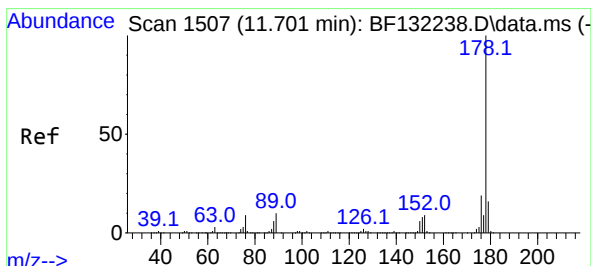
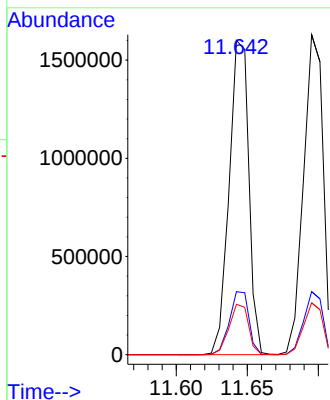
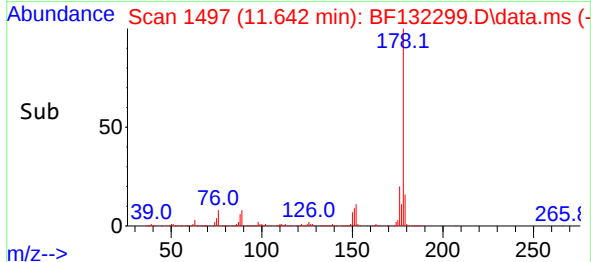
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MS



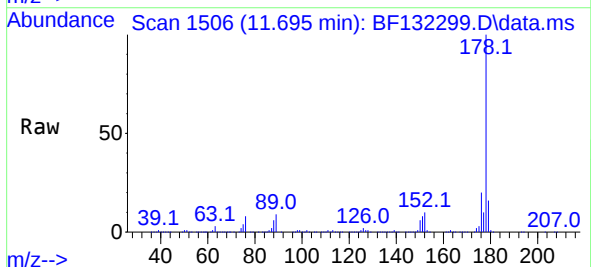
Tgt Ion:178 Resp: 1546535
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.1 12.8 19.2

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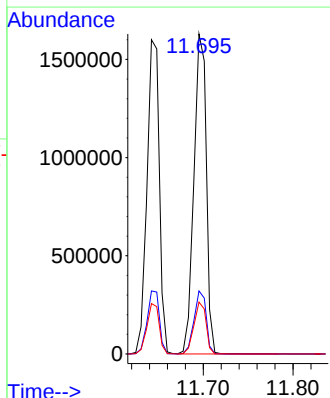
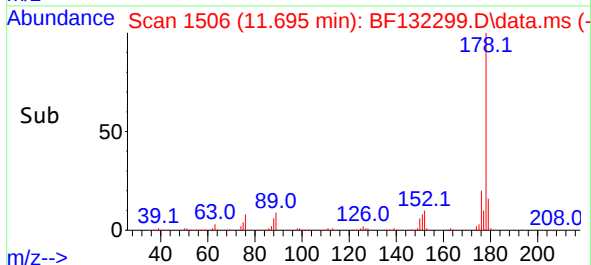
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

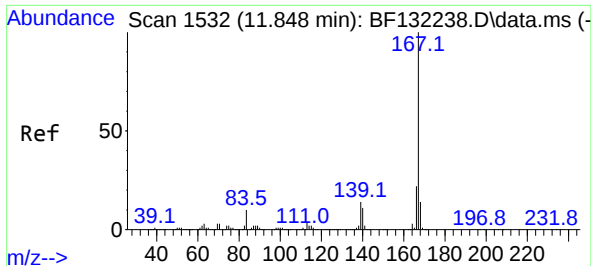


#72
Anthracene
Concen: 42.399 ng
RT: 11.695 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



Tgt Ion:178 Resp: 1563355
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.2 12.8 19.2





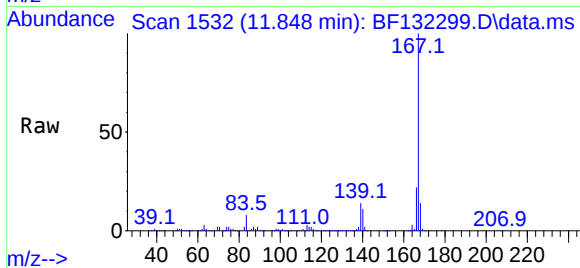
#73
 Carbazole
 Concen: 40.015 ng
 RT: 11.848 min Scan# 1532
 Delta R.T. -0.000 min
 Lab File: BF132299.D
 Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MS

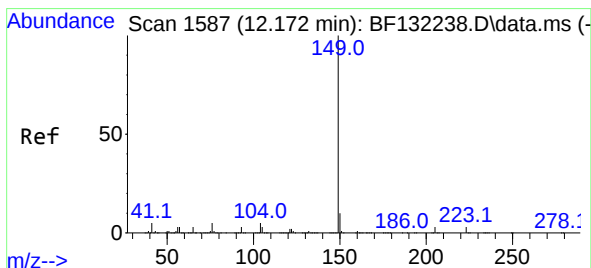
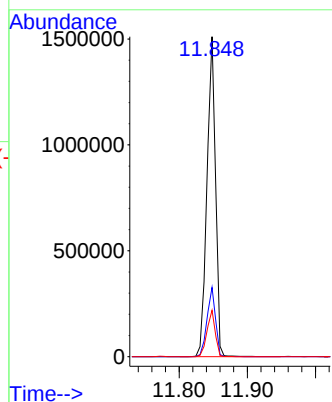
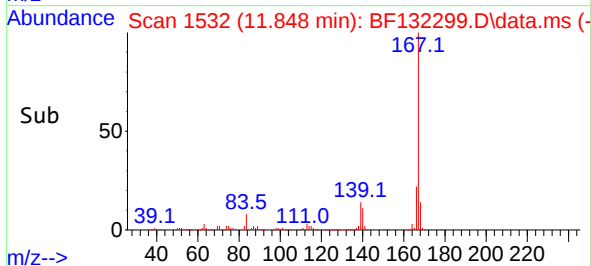


Tgt Ion:167 Resp: 1322948
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 14.5 11.4 17.2

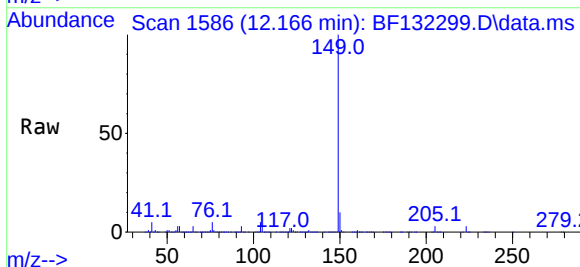
Manual Integrations

APPROVED

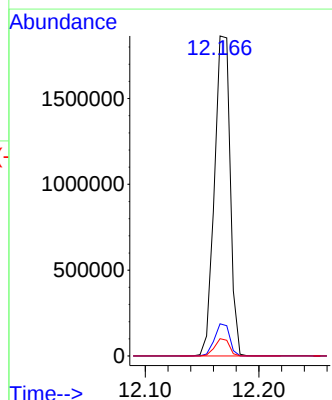
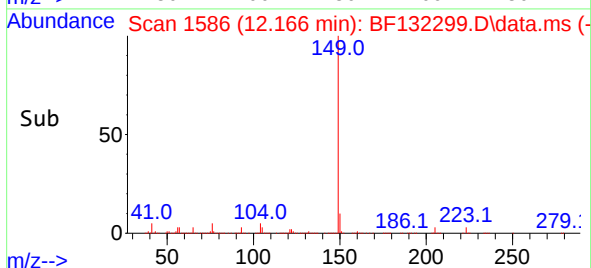
Reviewed By :Christian Giraldo 02/03/2023
 Supervised By :Jagrut Upadhyay 02/03/2023

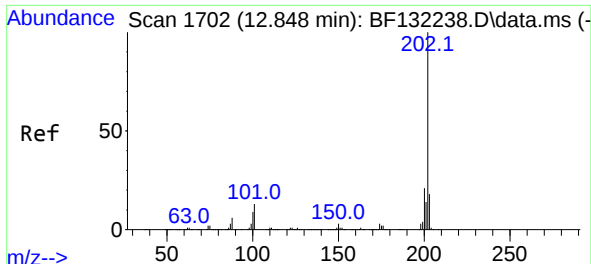


#74
 Di-n-butylphthalate
 Concen: 45.872 ng
 RT: 12.166 min Scan# 1586
 Delta R.T. -0.006 min
 Lab File: BF132299.D
 Acq: 02 Feb 2023 19:06



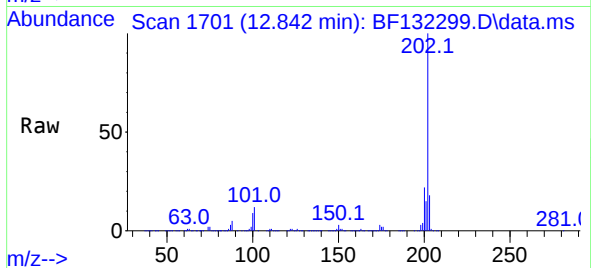
Tgt Ion:149 Resp: 1792955
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.8 11.8
 104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 36.778 ng
RT: 12.842 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

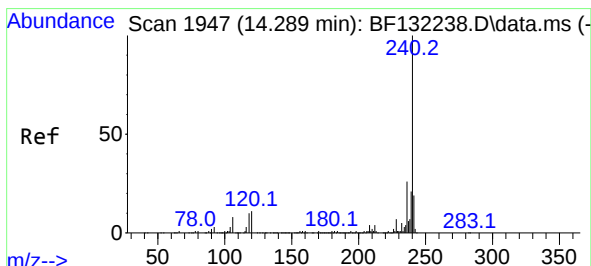
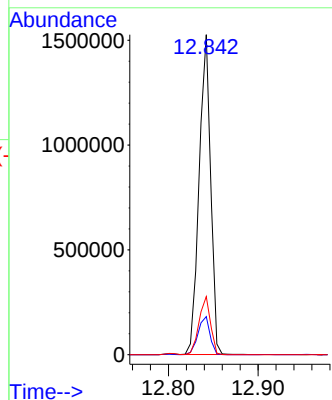
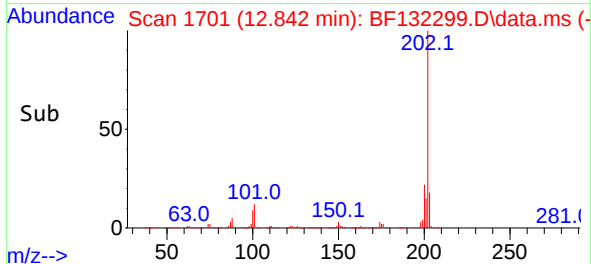
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MS



Tgt Ion:202 Resp: 135978
Ion Ratio Lower Upper
202 100
101 11.9 0.0 32.7
203 18.1 0.0 37.9

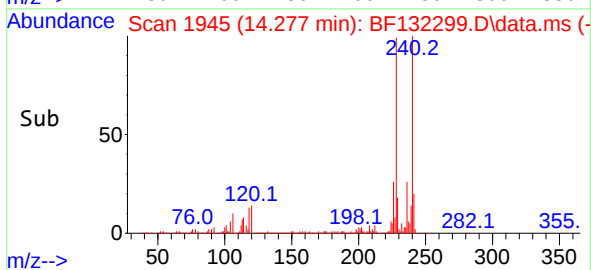
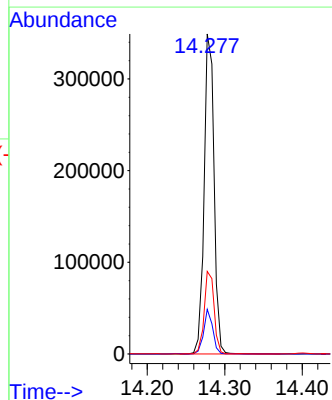
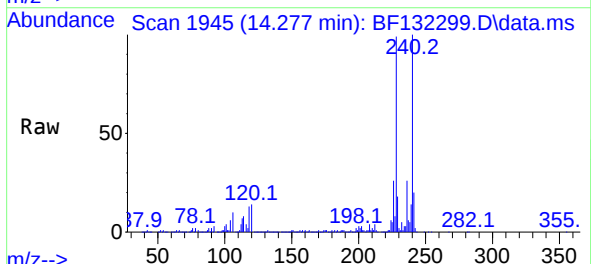
Manual Integrations
APPROVED

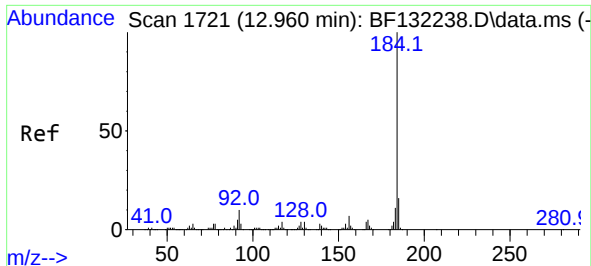
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

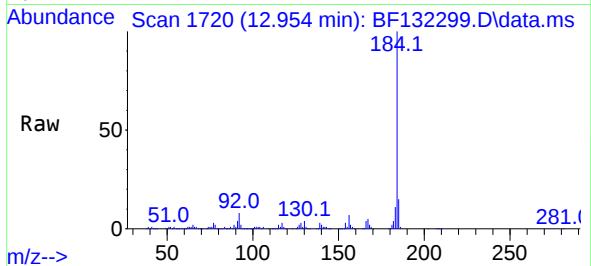
Tgt Ion:240 Resp: 310300
Ion Ratio Lower Upper
240 100
120 13.9 8.8 13.2#
236 25.8 21.0 31.6





#77
Benzidine
Concen: 17.003 ng
RT: 12.954 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

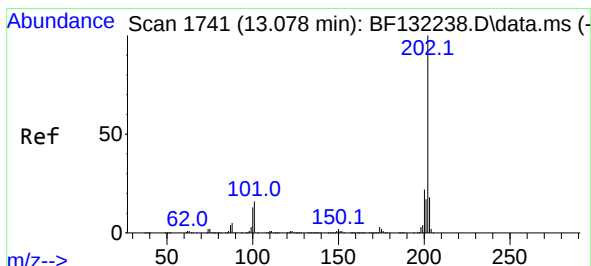
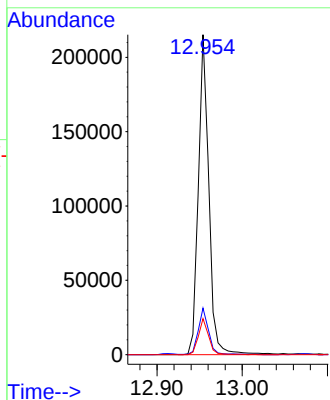
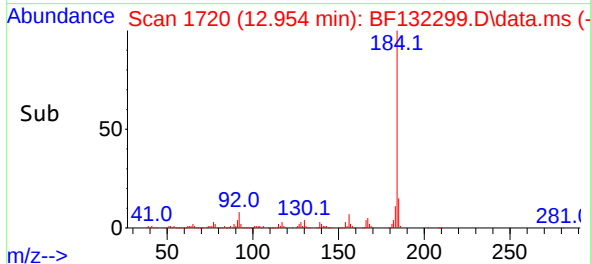
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MS



Tgt Ion:184 Resp: 184452
Ion Ratio Lower Upper
184 100
185 14.6 12.6 18.8
183 11.3 8.9 13.3

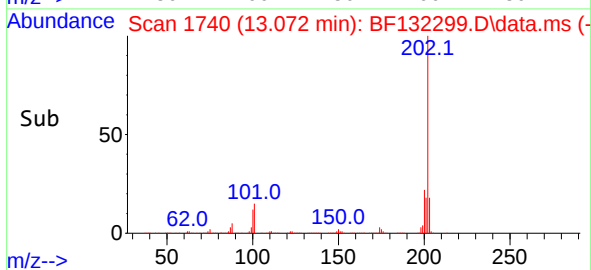
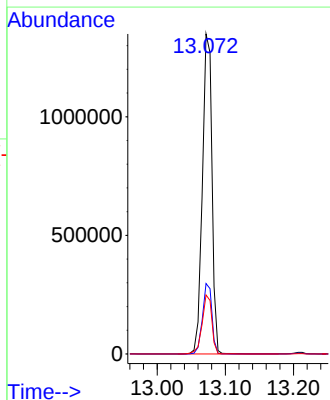
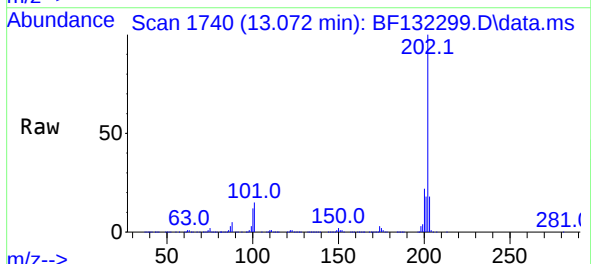
Manual Integrations
APPROVED

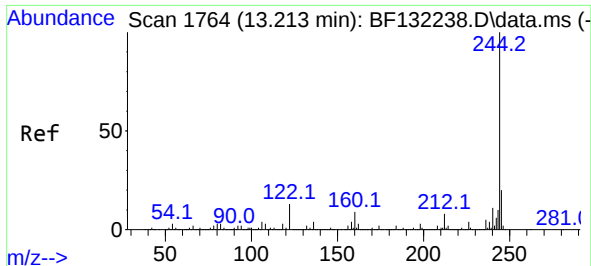
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#78
Pyrene
Concen: 52.906 ng
RT: 13.072 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Tgt Ion:202 Resp: 1320403
Ion Ratio Lower Upper
202 100
200 22.0 17.3 25.9
203 18.4 14.4 21.6





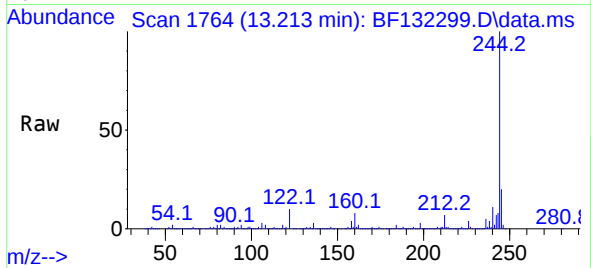
#79
 Terphenyl-d14
 Concen: 107.227 ng
 RT: 13.213 min Scan# 1764
 Delta R.T. -0.000 min
 Lab File: BF132299.D
 Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MS

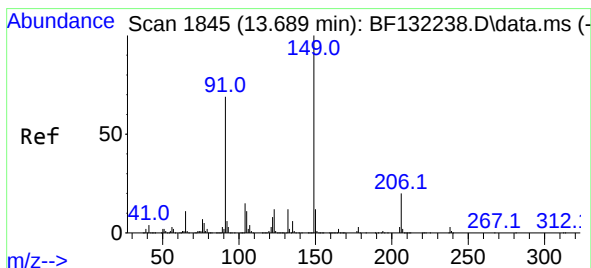
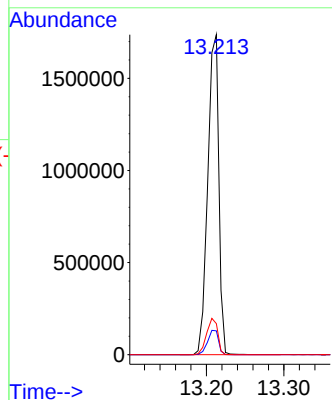
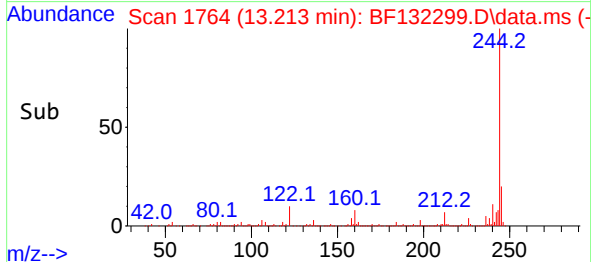


Tgt Ion:244 Resp: 1720043
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 9.7 10.5 15.7

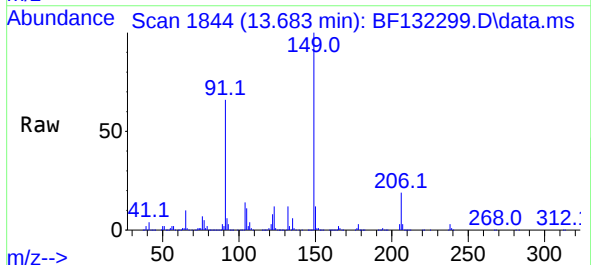
Manual Integrations

APPROVED

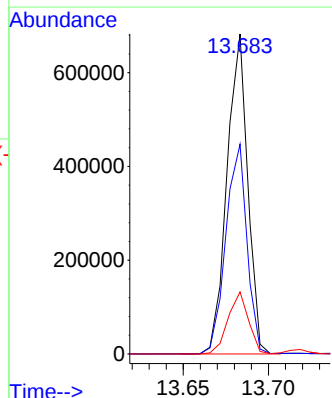
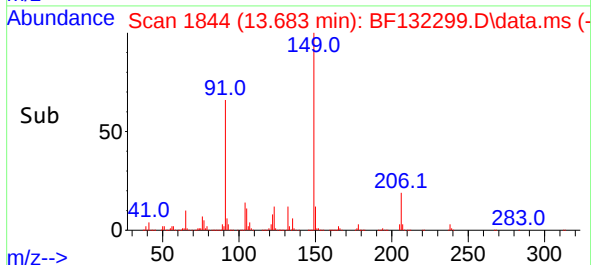
Reviewed By :Christian Giraldo 02/03/2023
 Supervised By :Jagrut Upadhyay 02/03/2023

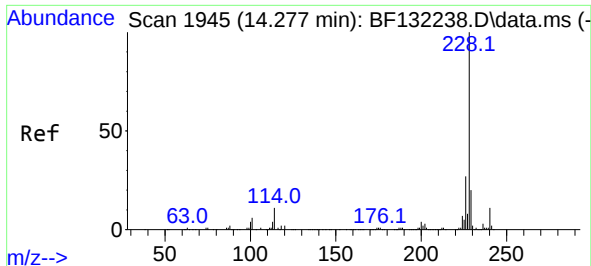


#80
 Butylbenzylphthalate
 Concen: 52.328 ng
 RT: 13.683 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF132299.D
 Acq: 02 Feb 2023 19:06



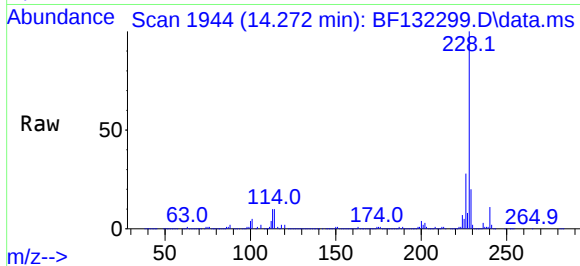
Tgt Ion:149 Resp: 577006
 Ion Ratio Lower Upper
 149 100
 91 65.6 55.0 82.6
 206 19.4 15.9 23.9





#81
Benzo(a)anthracene
Concen: 44.993 ng
RT: 14.272 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

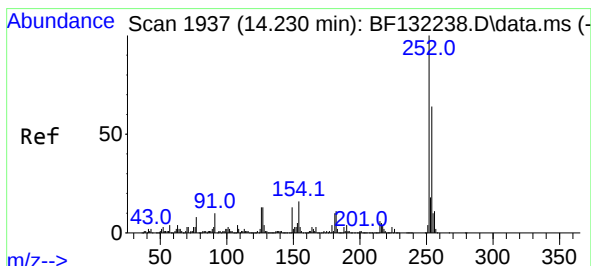
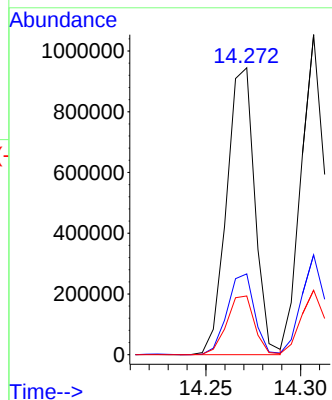
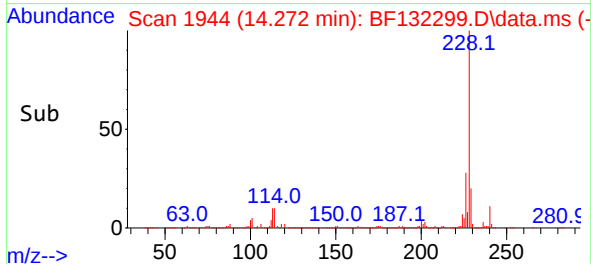
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MS



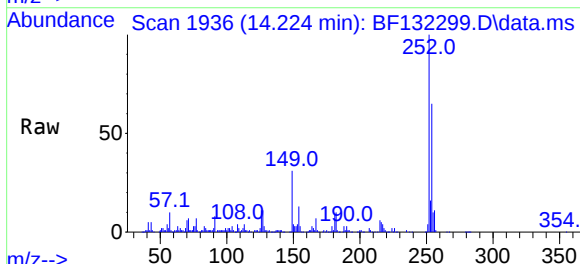
Tgt Ion:228 Resp: 97647
Ion Ratio Lower Upper
228 100
226 28.2 22.0 33.0
229 20.5 15.8 23.6

Manual Integrations
APPROVED

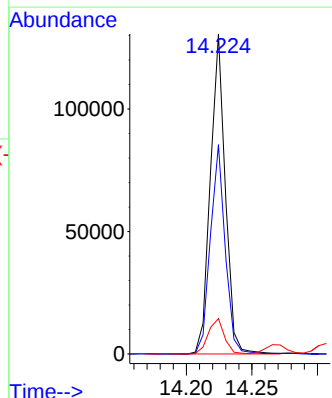
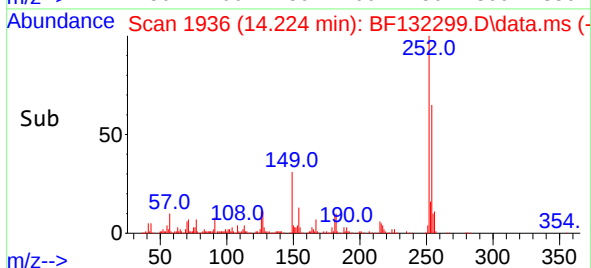
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

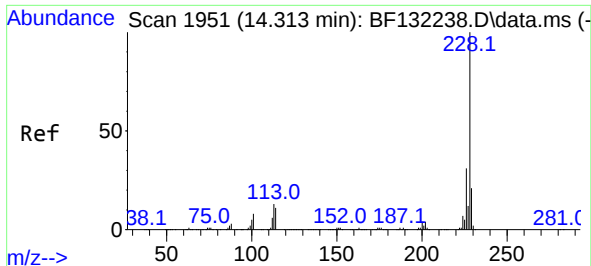


#82
3,3'-Dichlorobenzidine
Concen: 15.035 ng
RT: 14.224 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



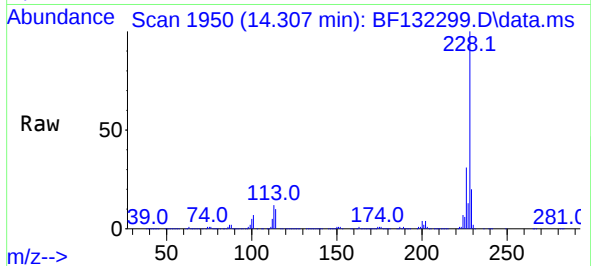
Tgt Ion:252 Resp: 103929
Ion Ratio Lower Upper
252 100
254 65.4 51.6 77.4
126 11.0 10.5 15.7





#83
Chrysene
Concen: 44.366 ng
RT: 14.307 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

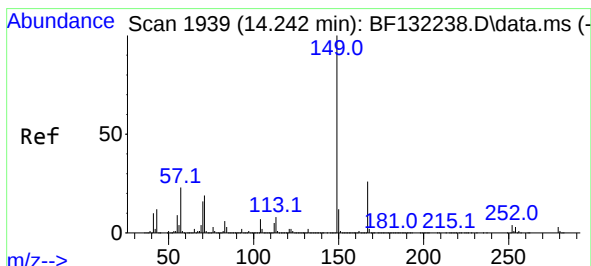
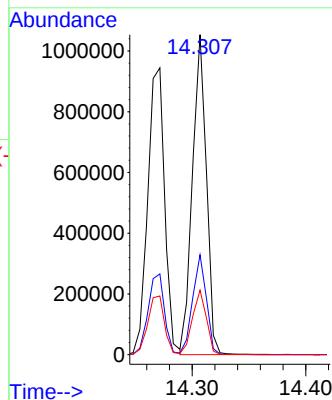
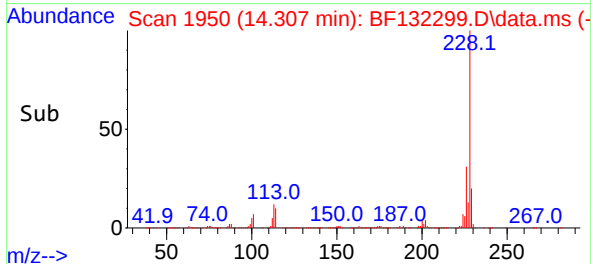
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MS



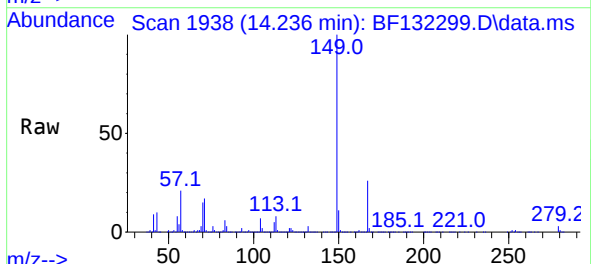
Tgt Ion:228 Resp: 901614
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 20.2 16.4 24.6

Manual Integrations
APPROVED

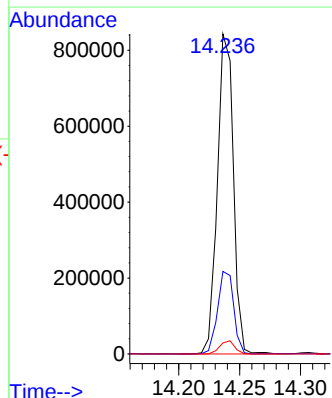
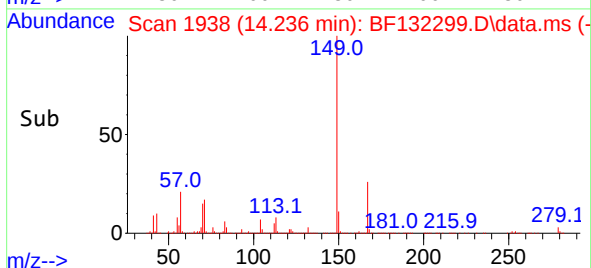
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

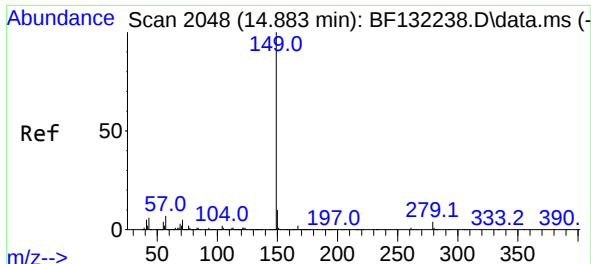


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.719 ng
RT: 14.236 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



Tgt Ion:149 Resp: 770839
Ion Ratio Lower Upper
149 100
167 25.8 20.7 31.1
279 3.5 2.7 4.1





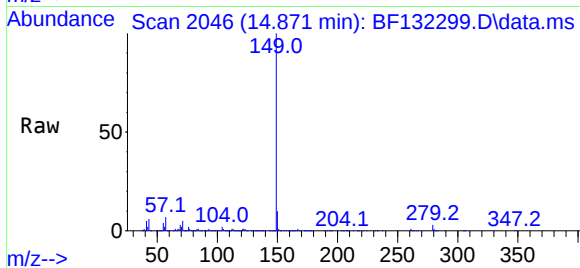
#85
Di-n-octyl phthalate
Concen: 53.056 ng
RT: 14.871 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MS

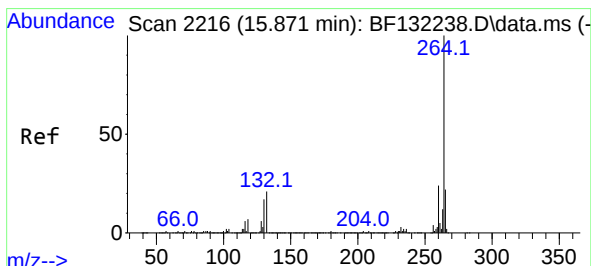
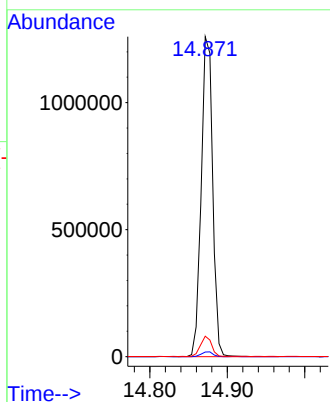
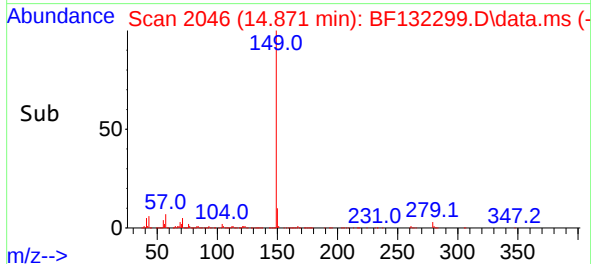


Tgt Ion:149 Resp: 1289777
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 6.2 5.9 8.9

Manual Integrations

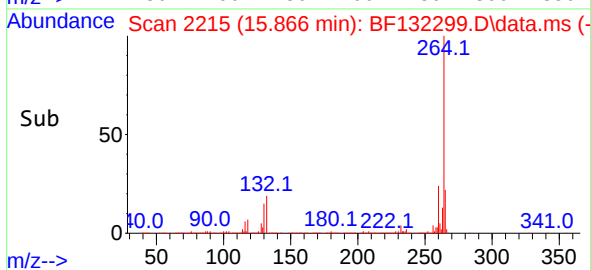
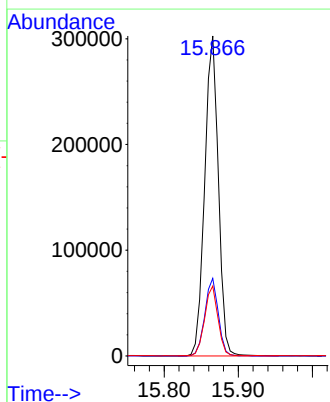
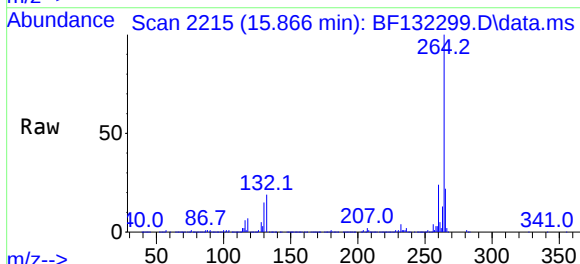
APPROVED

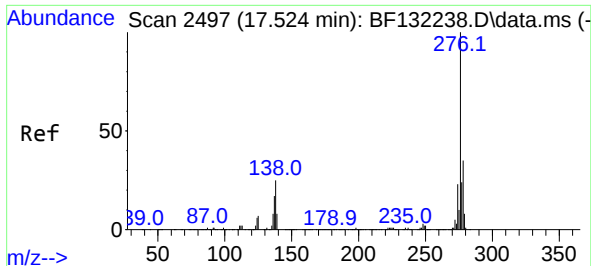
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.866 min Scan# 2215
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Tgt Ion:264 Resp: 387788
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.4
265 21.9 17.4 26.2





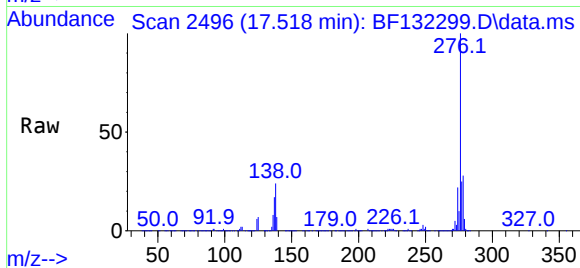
#87
Indeno(1,2,3-cd)pyrene
Concen: 52.569 ng
RT: 17.518 min Scan# 2497
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MS

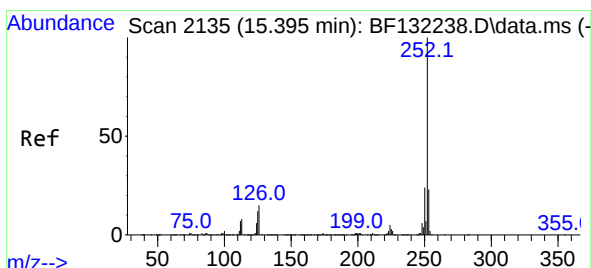
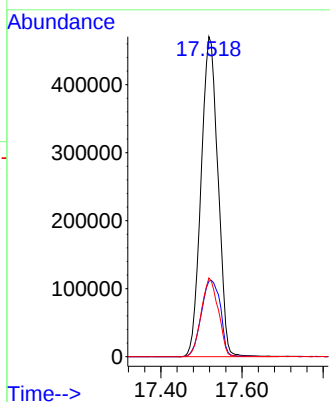
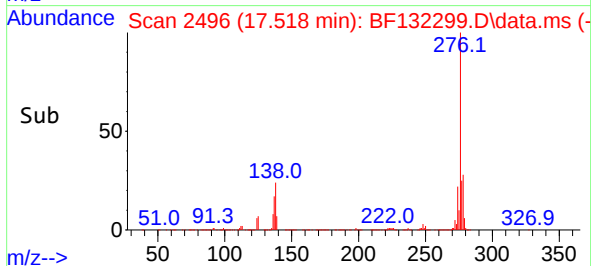


Tgt Ion:276 Resp: 135453
Ion Ratio Lower Upper
276 100
138 27.0 23.3 34.9
277 24.9 20.0 30.0

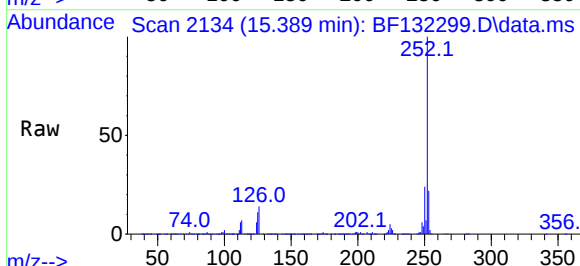
Manual Integrations

APPROVED

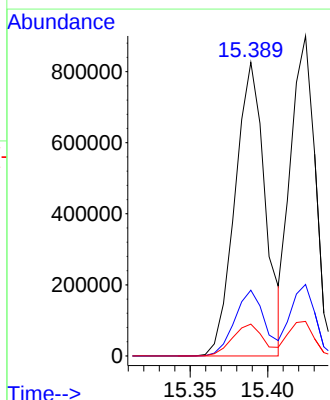
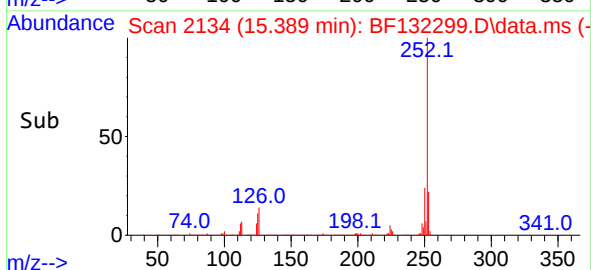
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

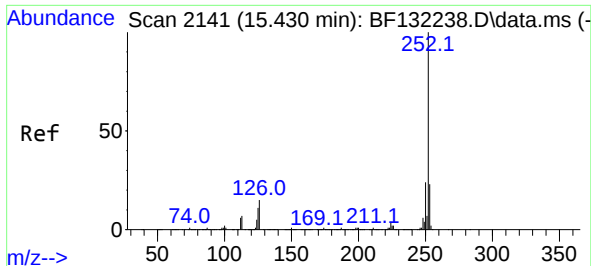


#88
Benzo(b)fluoranthene
Concen: 45.603 ng
RT: 15.389 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BF132299.D
Acq: 02 Feb 2023 19:06



Tgt Ion:252 Resp: 1124087
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 10.8 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 42.517 ng

RT: 15.424 min Scan# 2141

Delta R.T. -0.006 min

Lab File: BF132299.D

Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MS

Tgt Ion:252 Resp: 1000370

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

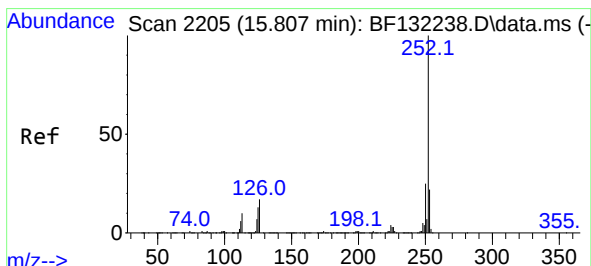
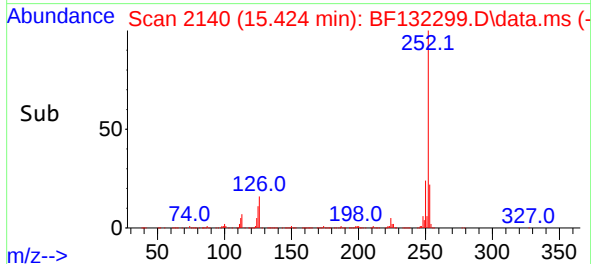
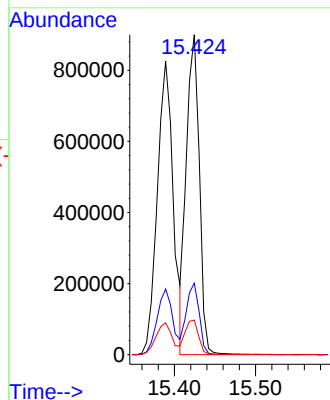
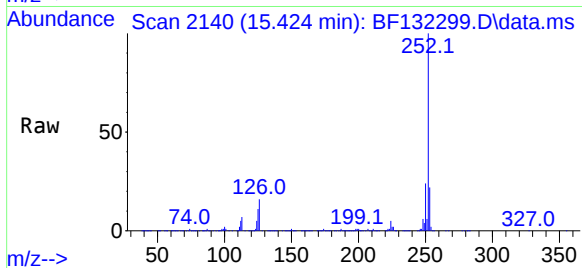
125 10.8 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#90

Benzo(a)pyrene

Concen: 42.477 ng

RT: 15.801 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BF132299.D

Acq: 02 Feb 2023 19:06

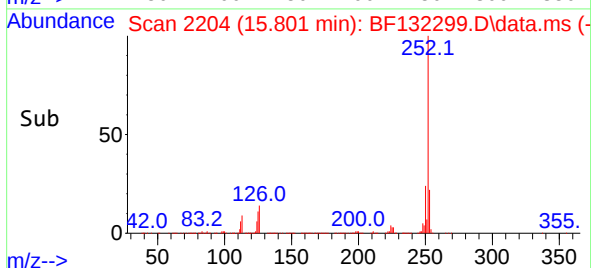
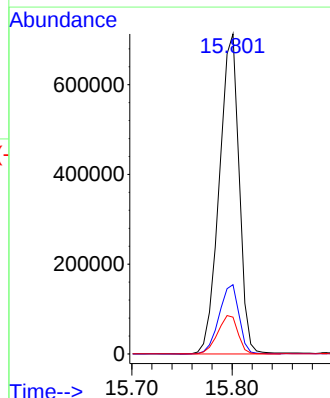
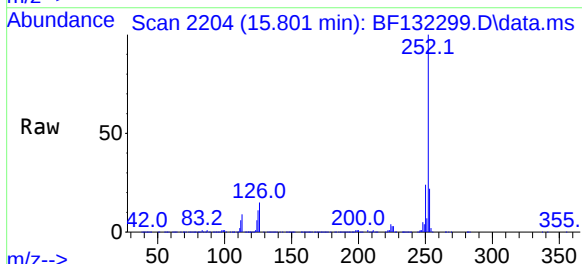
Tgt Ion:252 Resp: 974996

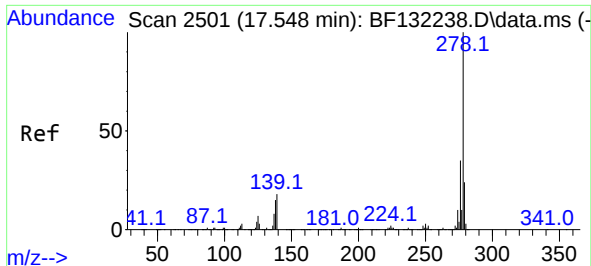
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 11.5 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 53.346 ng

RT: 17.542 min Scan# 2501

Delta R.T. -0.006 min

Lab File: BF132299.D

Acq: 02 Feb 2023 19:06

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MS

Tgt Ion:278 Resp: 1105140

Ion Ratio Lower Upper

278 100

139 17.4 14.2 21.2

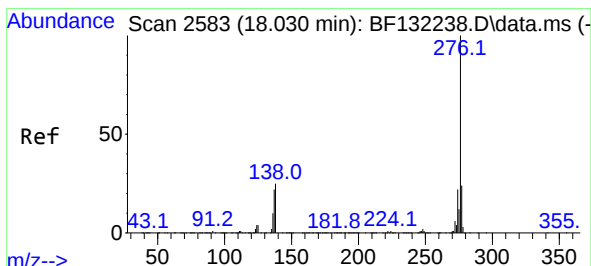
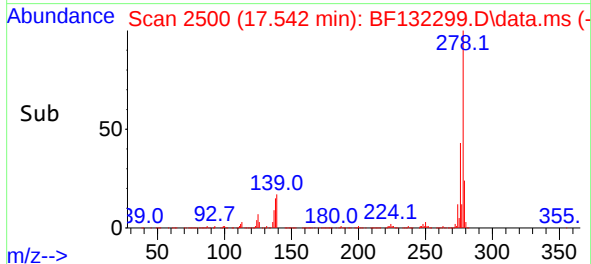
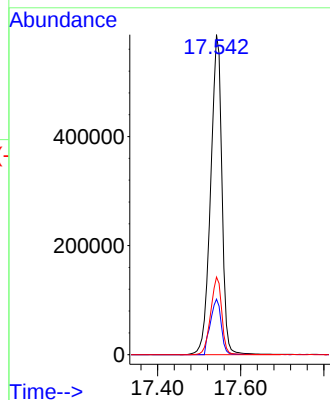
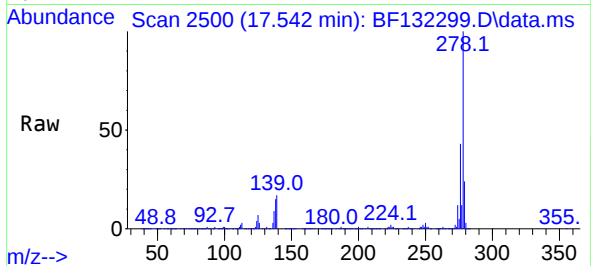
279 24.2 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#92

Benzo(g,h,i)perylene

Concen: 51.439 ng

RT: 18.030 min Scan# 2583

Delta R.T. -0.000 min

Lab File: BF132299.D

Acq: 02 Feb 2023 19:06

Tgt Ion:276 Resp: 1100902

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.2

138 23.0 20.3 30.5

