

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
 Data File : BF132359.D
 Acq On : 08 Feb 2023 16:20
 Operator : CG\JU
 Sample : 01481-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-39-020723MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/09/2023
 Supervised By : Jagrut Upadhyay 02/09/2023

Quant Time: Feb 09 01:59:44 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 09 01:56:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	157477	20.000	ng	0.00
21) Naphthalene-d8	8.337	136	597182	20.000	ng	0.00
39) Acenaphthene-d10	10.101	164	284707	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	449317	20.000	ng	0.00
76) Chrysene-d12	14.260	240	261145	20.000	ng	0.00
86) Perylene-d12	15.830	264	222218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	959678	97.956	ng	0.02
7) Phenol-d6	6.666	99	1164709	96.430	ng	0.00
23) Nitrobenzene-d5	7.613	82	699882	65.217	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	302848	103.438	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1224902	66.439	ng	0.00
79) Terphenyl-d14	13.183	244	913947	67.700	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.013	88	188088	40.801	ng	95
3) Pyridine	3.766	79	453659	36.275	ng	96
4) n-Nitrosodimethylamine	3.731	42	154797	38.683	ng	96
6) Aniline	6.707	93	325380m	19.852	ng	
8) 2-Chlorophenol	6.831	128	503188	49.591	ng	96
9) Benzaldehyde	6.601	77	267711	39.439	ng	94
10) Phenol	6.684	94	554878	44.385	ng	97
11) bis(2-Chloroethyl)ether	6.778	93	464598	45.156	ng	95
12) 1,3-Dichlorobenzene	6.990	146	533421	49.705	ng	98
13) 1,4-Dichlorobenzene	7.066	146	537371	50.163	ng	99
14) 1,2-Dichlorobenzene	7.219	146	513187	51.368	ng	98
15) Benzyl Alcohol	7.184	79	384376	43.614	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.319	45	426213	39.318	ng	94
17) 2-Methylphenol	7.290	107	385008	43.346	ng	99
18) Hexachloroethane	7.566	117	194059	48.289	ng	93
19) n-Nitroso-di-n-propyla...	7.460	70	266315	38.817	ng	95
20) 3+4-Methylphenols	7.442	107	485816	42.854	ng	96
22) Acetophenone	7.460	105	622193	44.303	ng	97
24) Nitrobenzene	7.631	77	453821	41.394	ng	96
25) Isophorone	7.872	82	852090	41.834	ng	95
26) 2-Nitrophenol	7.948	139	266099	49.829	ng	91
27) 2,4-Dimethylphenol	7.978	122	436825	46.733	ng	99
28) bis(2-Chloroethoxy)met...	8.078	93	548146	43.792	ng	98
29) 2,4-Dichlorophenol	8.190	162	393095	47.368	ng	98
30) 1,2,4-Trichlorobenzene	8.272	180	439106	49.411	ng	98
31) Naphthalene	8.360	128	1357635	46.186	ng	99
32) Benzoic acid	8.078	122	291088m	42.071	ng	
33) 4-Chloroaniline	8.401	127	113423	8.702	ng	95
34) Hexachlorobutadiene	8.472	225	258647	51.772	ng	98
35) Caprolactam	8.778	113	128068m	45.267	ng	
36) 4-Chloro-3-methylphenol	8.878	107	407206	45.546	ng	97
37) 2-Methylnaphthalene	9.048	142	884299	44.412	ng	98
38) 1-Methylnaphthalene	9.148	142	816983	44.153	ng	100
40) 1,2,4,5-Tetrachloroben...	9.219	216	408917	51.038	ng	99
41) Hexachlorocyclopentadiene	9.201	237	271131	58.003	ng	100
43) 2,4,6-Trichlorophenol	9.325	196	281751	49.195	ng	99

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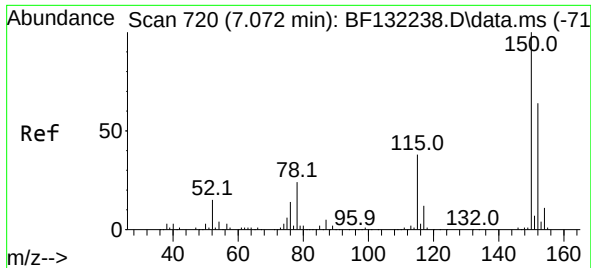
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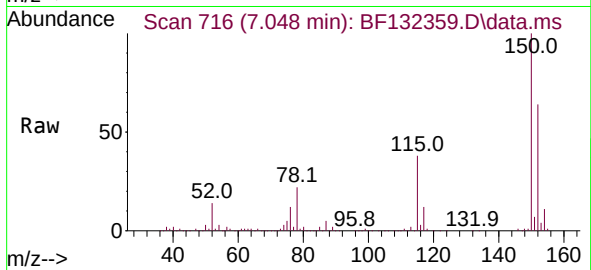
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.366	196	290856	44.123	ng	99
46) 1,1'-Biphenyl	9.513	154	1050022	47.838	ng	97
47) 2-Chloronaphthalene	9.542	162	804908	48.147	ng	99
48) 2-Nitroaniline	9.636	65	199205	40.066	ng	# 79
49) Acenaphthylene	9.960	152	1232913	45.188	ng	99
50) Dimethylphthalate	9.813	163	954604	47.933	ng	99
51) 2,6-Dinitrotoluene	9.878	165	212471	47.769	ng	# 84
52) Acenaphthene	10.136	154	806519	47.215	ng	98
53) 3-Nitroaniline	10.048	138	159086	29.493	ng	91
54) 2,4-Dinitrophenol	10.148	184	95685	39.432	ng	97
55) Dibenzofuran	10.307	168	1100826	45.867	ng	99
56) 4-Nitrophenol	10.201	139	311317	76.699	ng	92
57) 2,4-Dinitrotoluene	10.283	165	266856	46.187	ng	# 84
58) Fluorene	10.654	166	848049	45.913	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.419	232	219475	45.670	ng	97
60) Diethylphthalate	10.513	149	938793	47.385	ng	99
61) 4-Chlorophenyl-phenyle...	10.636	204	404888	46.189	ng	95
62) 4-Nitroaniline	10.666	138	172672	33.383	ng	97
63) Azobenzene	10.801	77	773421	40.077	ng	93
65) 4,6-Dinitro-2-methylph...	10.689	198	69383	27.208	ng	93
66) n-Nitrosodiphenylamine	10.760	169	710571	50.504	ng	99
67) 4-Bromophenyl-phenylether	11.130	248	247355	53.761	ng	96
68) Hexachlorobenzene	11.201	284	263338	53.549	ng	95
69) Atrazine	11.283	200	225002	55.598	ng	98
70) Pentachlorophenol	11.395	266	264392	78.248	ng	100
71) Phenanthrene	11.625	178	1717863	73.165	ng	99
72) Anthracene	11.678	178	1269261	53.119	ng	100
73) Carbazole	11.825	167	949722	44.327	ng	100
74) Di-n-butylphthalate	12.148	149	1252116	49.433	ng	99
75) Fluoranthene	12.825	202	2162315	90.246	ng	97
77) Benzidine	12.936	184	368340	40.344	ng	99
78) Pyrene	13.060	202	2055874	97.880	ng	98
80) Butylbenzylphthalate	13.660	149	458411	49.398	ng	95
81) Benzo(a)anthracene	14.248	228	1507019	82.509	ng	97
82) 3,3'-Dichlorobenzidine	14.207	252	196517	33.781	ng	# 97
83) Chrysene	14.289	228	1299693	75.993	ng	99
84) Bis(2-ethylhexyl)phtha...	14.219	149	644695	51.397	ng	# 100
85) Di-n-octyl phthalate	14.848	149	1057613	51.694	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.471	276	872667	59.101	ng	94
88) Benzo(b)fluoranthene	15.366	252	1296308	91.773	ng	98
89) Benzo(k)fluoranthene	15.395	252	951170	70.547	ng	98
90) Benzo(a)pyrene	15.771	252	1019253	77.490	ng	98
91) Dibenzo(a,h)anthracene	17.483	278	572658	48.239	ng	99
92) Benzo(g,h,i)perylene	17.965	276	736183	60.027	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

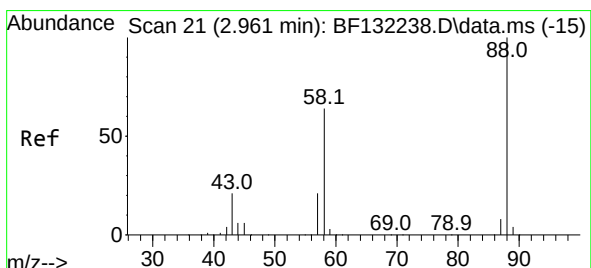
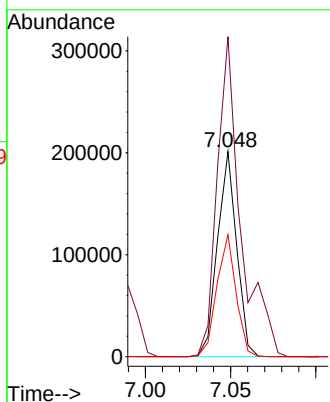
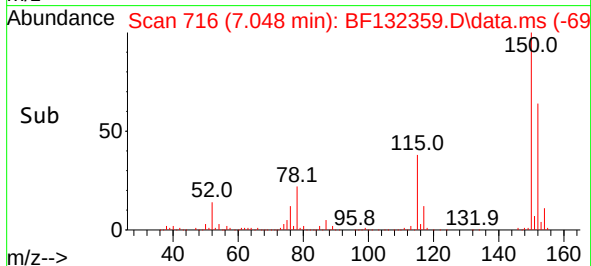
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



Tgt Ion:152 Resp: 15747
Ion Ratio Lower Upper
152 100
150 156.1 124.2 186.2
115 59.4 47.3 70.9

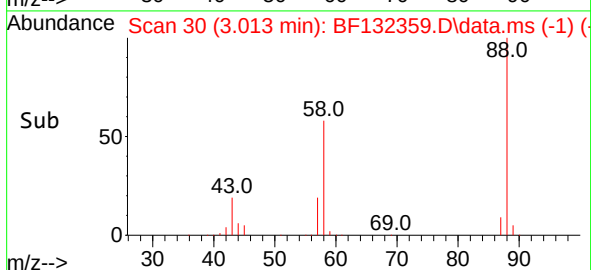
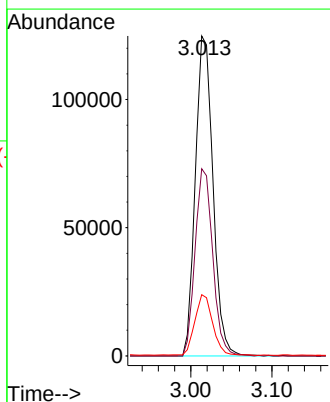
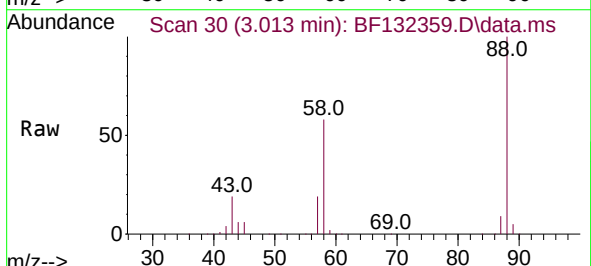
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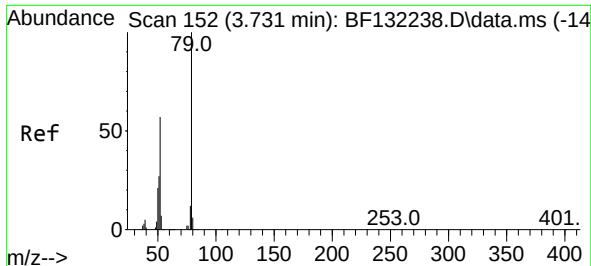
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#2
1,4-Dioxane
Concen: 40.801 ng
RT: 3.013 min Scan# 30
Delta R.T. 0.082 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

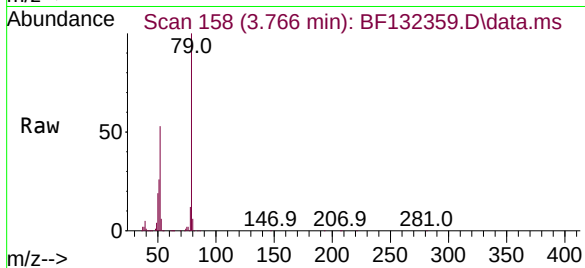
Tgt Ion: 88 Resp: 188088
Ion Ratio Lower Upper
88 100
58 58.6 50.2 75.2
43 19.2 16.9 25.3





#3
Pyridine
Concen: 36.275 ng
RT: 3.766 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

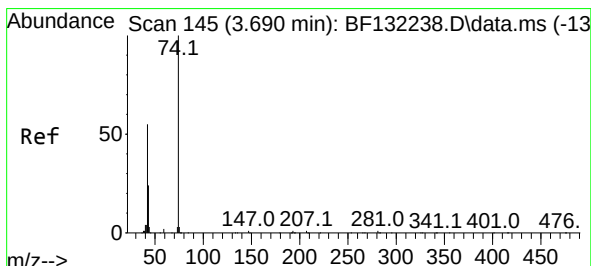
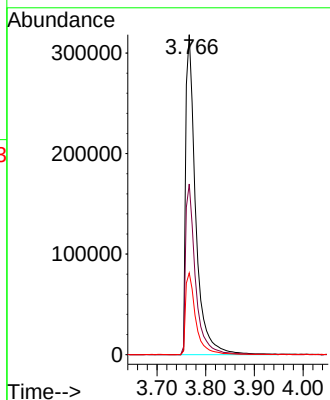
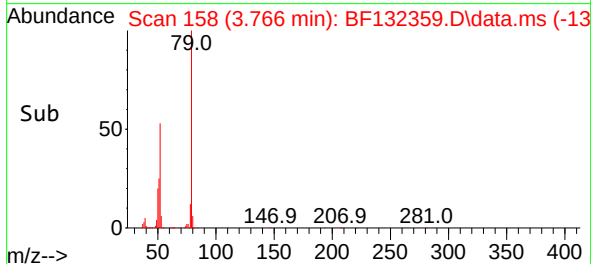
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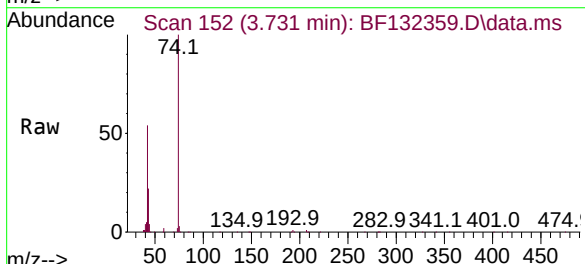
Tgt Ion: 79 Resp: 453659
Ion Ratio Lower Upper
79 100
52 53.3 45.6 68.4
51 25.5 21.5 32.3

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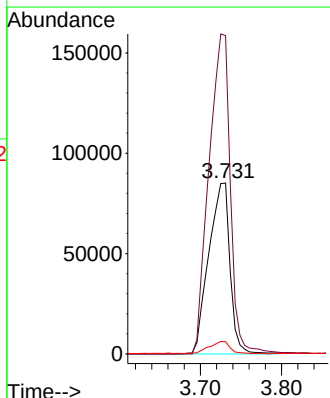
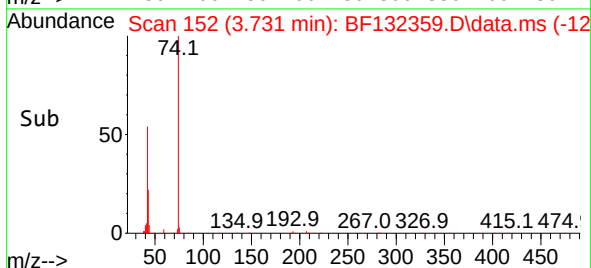
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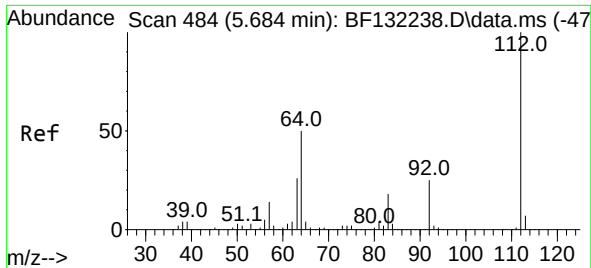


#4
n-Nitrosodimethylamine
Concen: 38.683 ng
RT: 3.731 min Scan# 152
Delta R.T. 0.065 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20



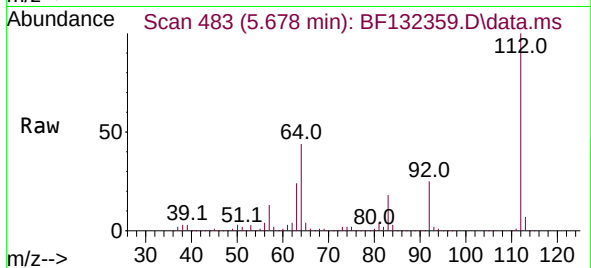
Tgt Ion: 42 Resp: 154797
Ion Ratio Lower Upper
42 100
74 186.4 144.6 217.0
44 7.2 5.1 7.7





#5
2-Fluorophenol
Concen: 97.956 ng
RT: 5.678 min Scan# 484
Delta R.T. 0.018 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

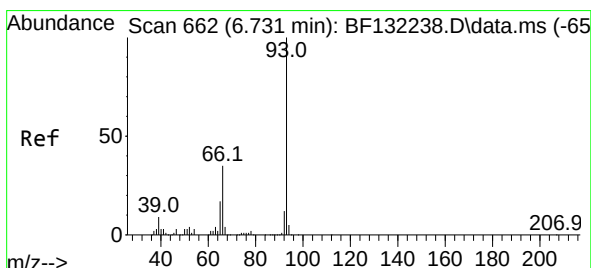
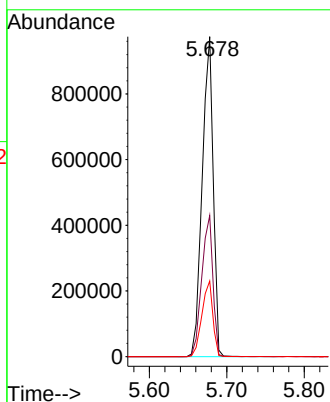
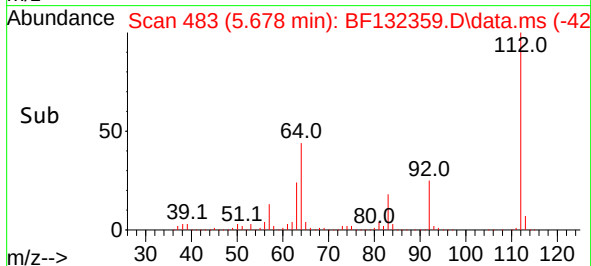
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Tgt Ion:112 Resp: 959678
Ion Ratio Lower Upper
112 100
64 44.1 40.0 60.0
63 23.6 20.5 30.7

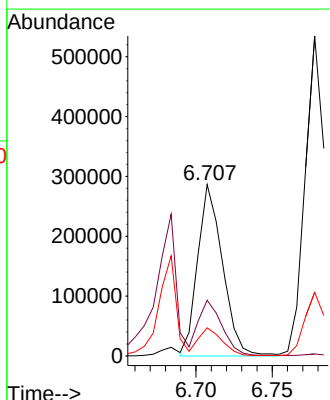
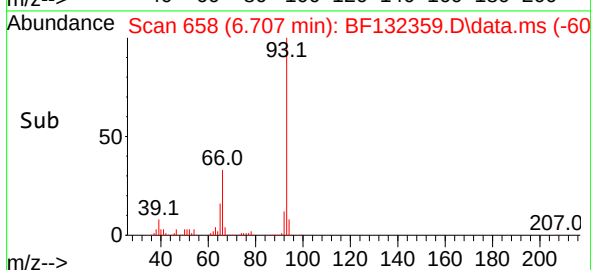
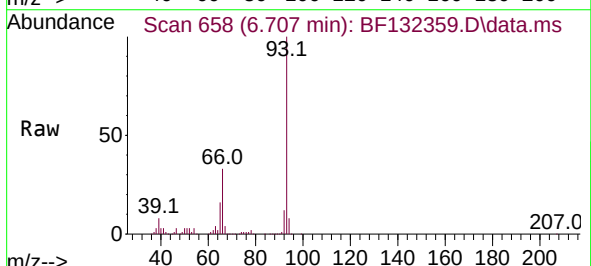
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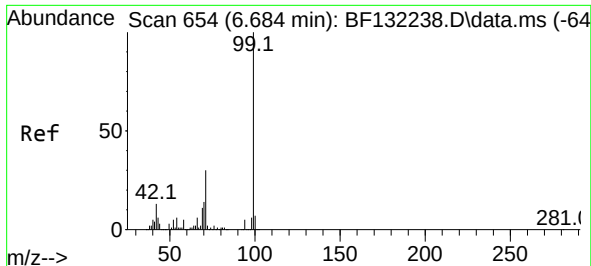
Reviewed By :Christian Giraldo 02/09/2023
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#6
Aniline
Concen: 19.852 ng m
RT: 6.707 min Scan# 658
Delta R.T. -0.006 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

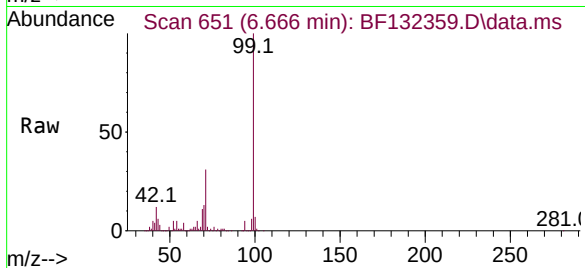
Tgt Ion: 93 Resp: 325380
Ion Ratio Lower Upper
93 100
66 32.5 28.8 43.2
65 16.4 14.2 21.4





#7
Phenol-d6
Concen: 96.430 ng
RT: 6.666 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

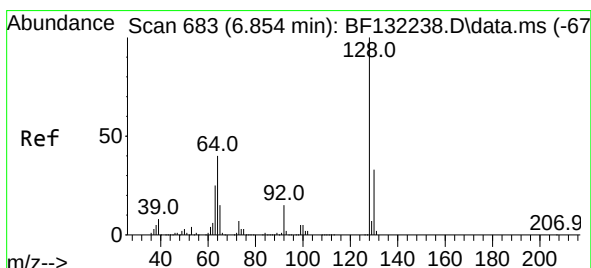
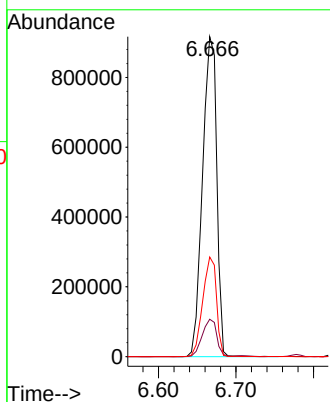
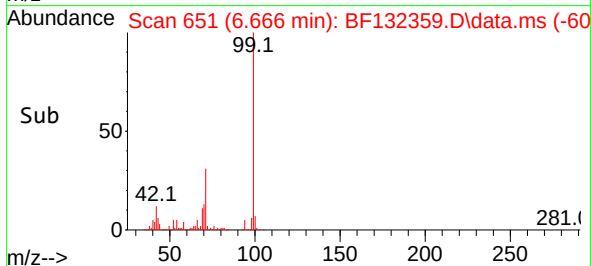
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Tgt Ion: 99 Resp: 1164709
Ion Ratio Lower Upper
99 100
42 11.7 10.1 15.1
71 31.2 24.2 36.4

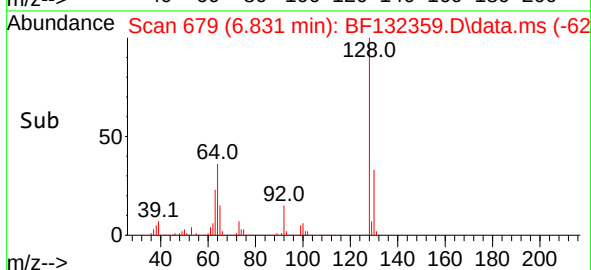
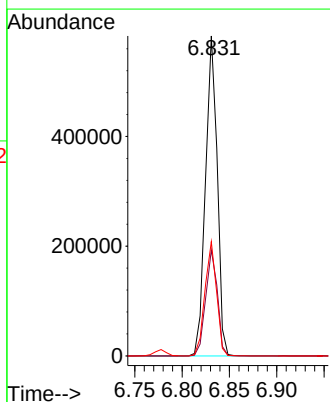
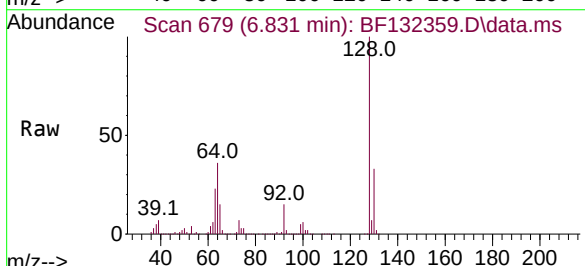
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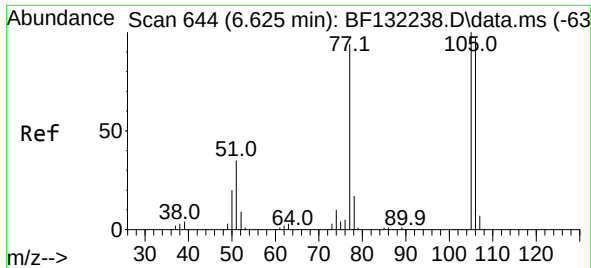
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#8
2-Chlorophenol
Concen: 49.591 ng
RT: 6.831 min Scan# 679
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

Tgt Ion:128 Resp: 503188
Ion Ratio Lower Upper
128 100
130 33.1 13.3 53.3
64 35.7 20.1 60.1





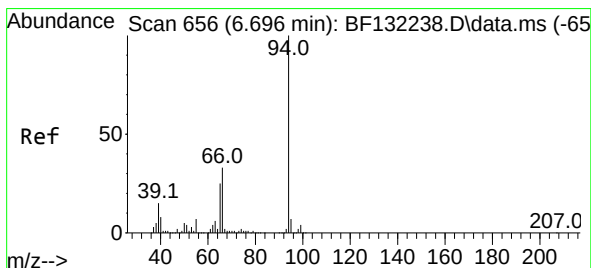
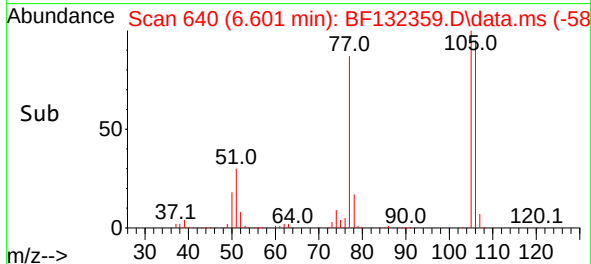
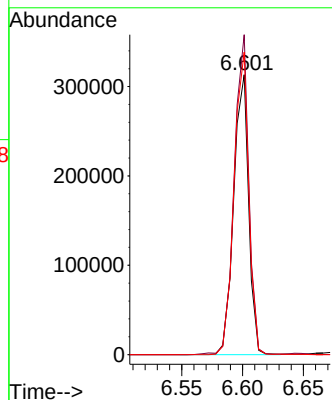
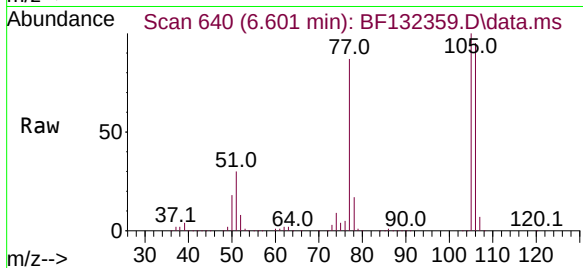
#9
Benzaldehyde
Concen: 39.439 ng
RT: 6.601 min Scan# 644
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD

Tgt Ion: 77 Resp: 267711
Ion Ratio Lower Upper
77 100
105 114.3 86.8 126.8
106 108.1 83.8 123.8

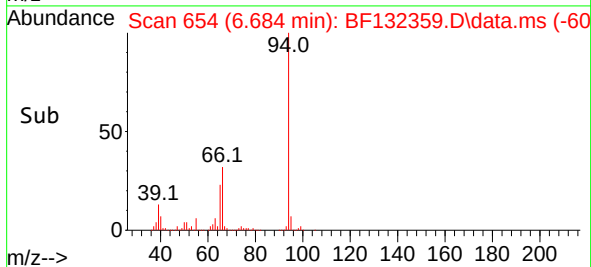
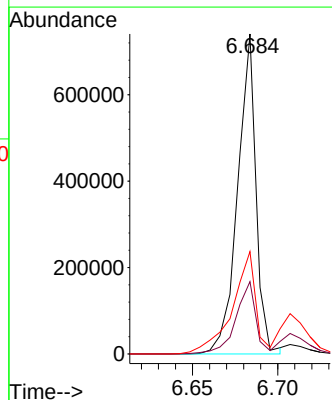
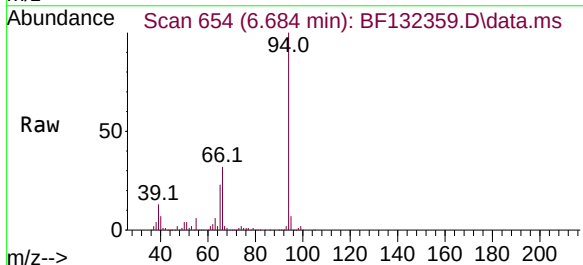
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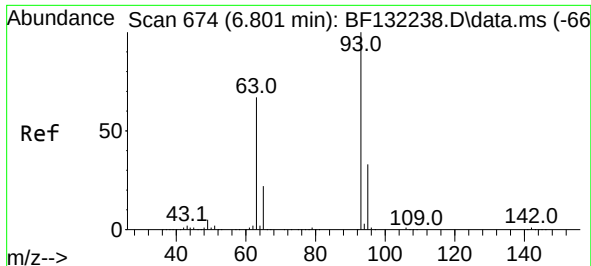
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#10
Phenol
Concen: 44.385 ng
RT: 6.684 min Scan# 654
Delta R.T. 0.006 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

Tgt Ion: 94 Resp: 554878
Ion Ratio Lower Upper
94 100
65 22.6 5.1 45.1
66 32.0 13.0 53.0





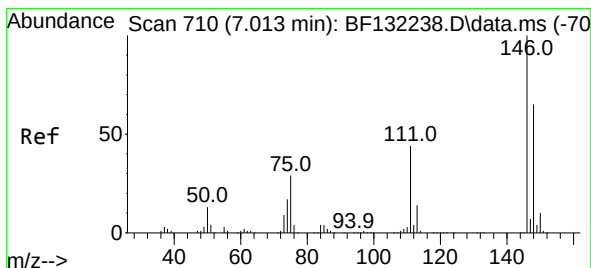
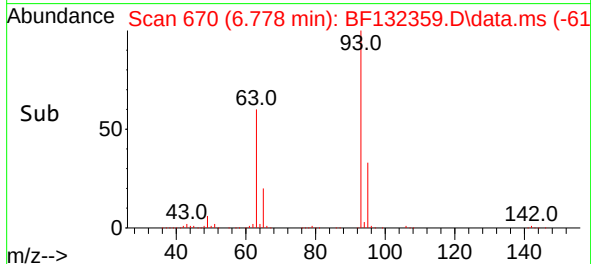
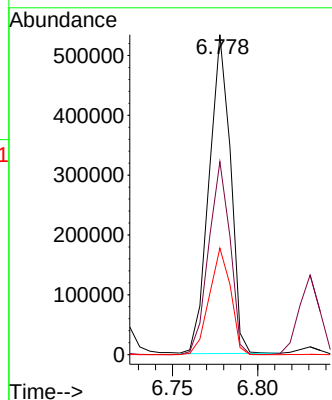
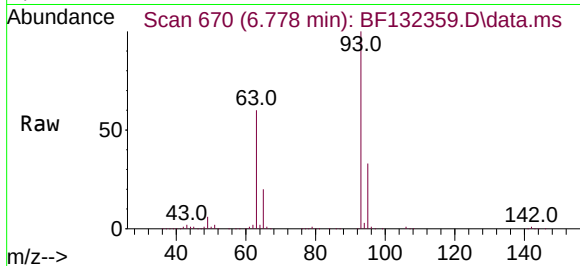
#11
bis(2-Chloroethyl)ether
Concen: 45.156 ng
RT: 6.778 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD

Tgt Ion: 93 Resp: 464598
Ion Ratio Lower Upper
93 100
63 60.3 46.7 86.7
95 33.3 13.4 53.4

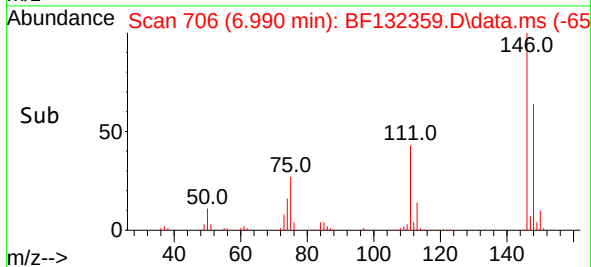
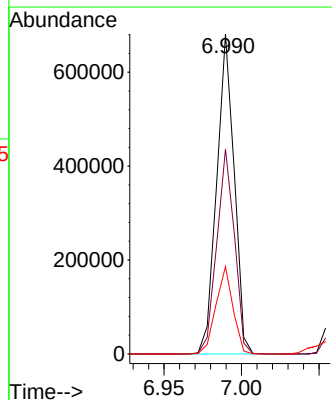
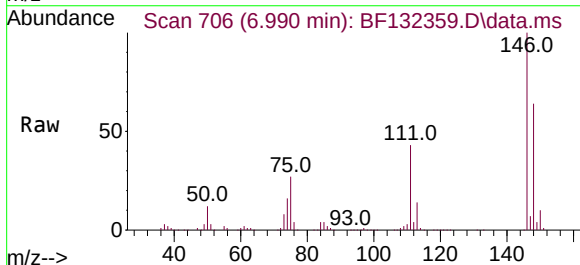
Manual Integrations
APPROVED

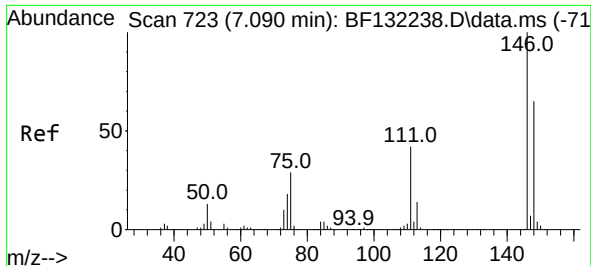
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#12
1,3-Dichlorobenzene
Concen: 49.705 ng
RT: 6.990 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

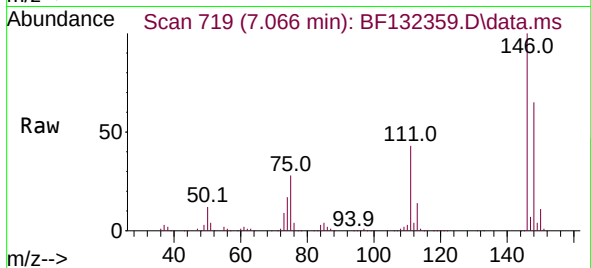
Tgt Ion:146 Resp: 533421
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 27.3 23.5 35.3





#13
1,4-Dichlorobenzene
Concen: 50.163 ng
RT: 7.066 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

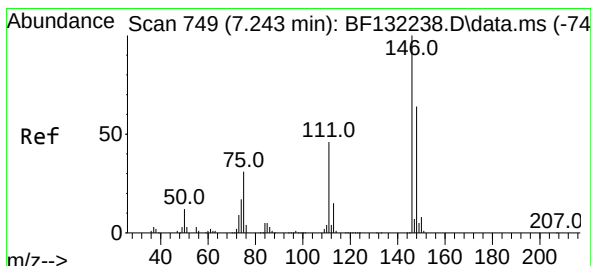
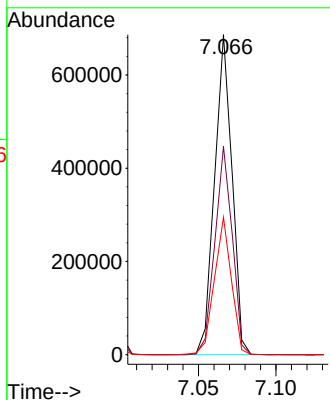
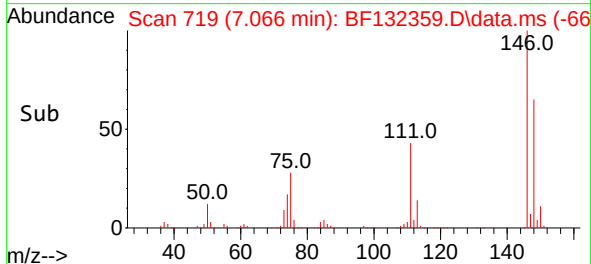
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



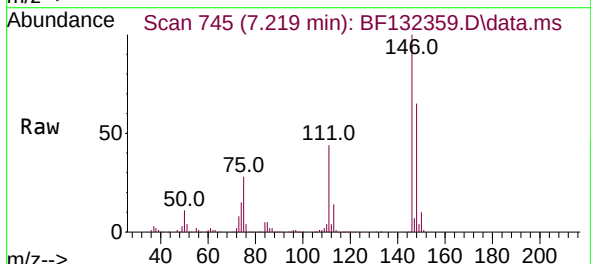
Tgt Ion:146 Resp: 53737
Ion Ratio Lower Upper
146 100
148 65.1 52.4 78.6
111 42.9 34.0 51.0

Manual Integrations
APPROVED

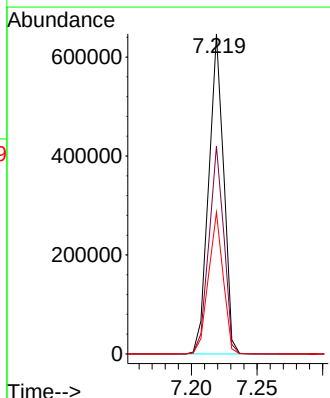
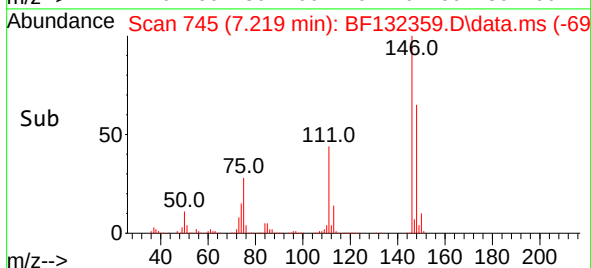
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

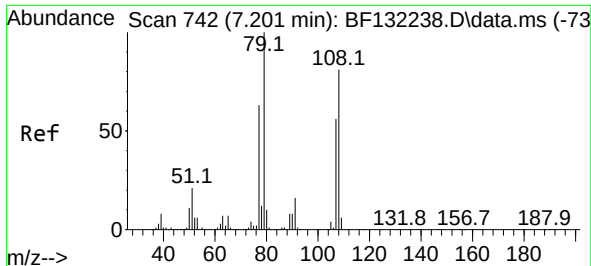


#14
1,2-Dichlorobenzene
Concen: 51.368 ng
RT: 7.219 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20



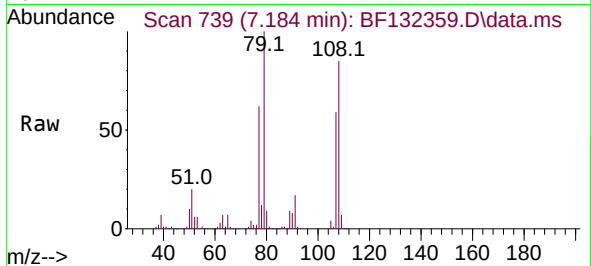
Tgt Ion:146 Resp: 513187
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.0
111 44.2 37.1 55.7





#15
Benzyl Alcohol
Concen: 43.614 ng
RT: 7.184 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

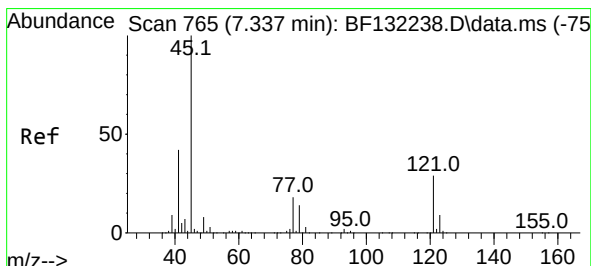
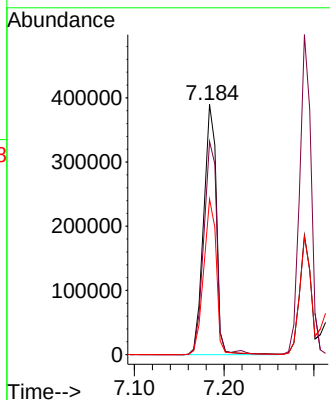
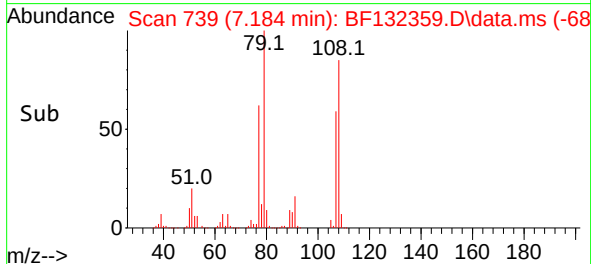
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



Tgt Ion: 79 Resp: 384376
Ion Ratio Lower Upper
79 100
108 85.2 64.6 97.0
77 62.2 50.1 75.1

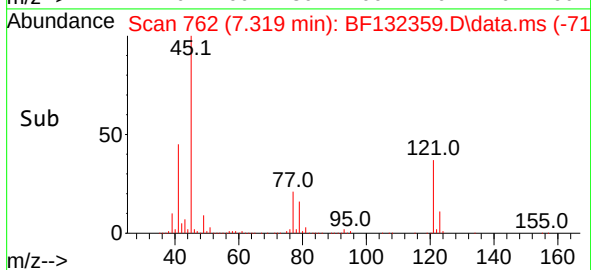
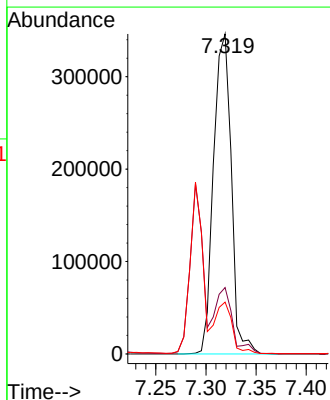
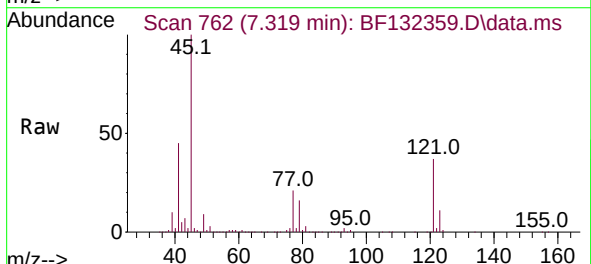
Manual Integrations
APPROVED

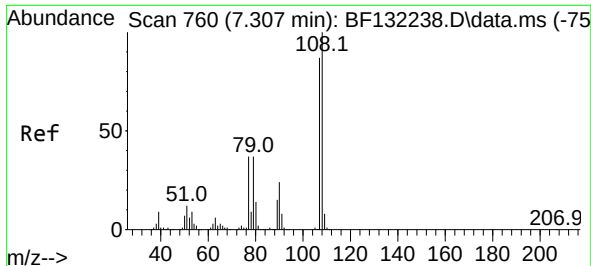
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.318 ng
RT: 7.319 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

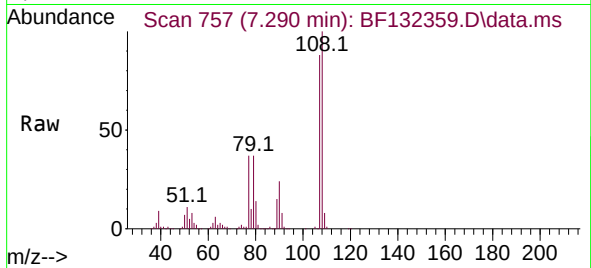
Tgt Ion: 45 Resp: 426213
Ion Ratio Lower Upper
45 100
77 20.7 0.0 38.0
79 16.2 0.0 33.8





#17
2-Methylphenol
Concen: 43.346 ng
RT: 7.290 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

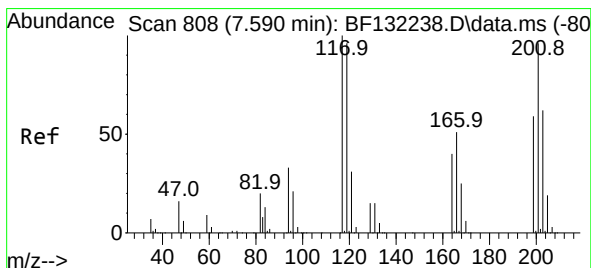
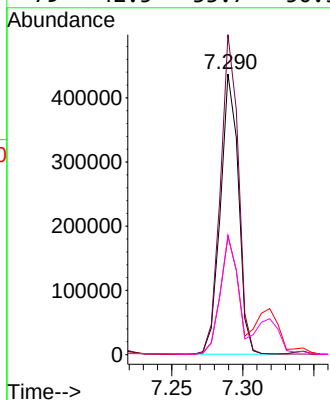
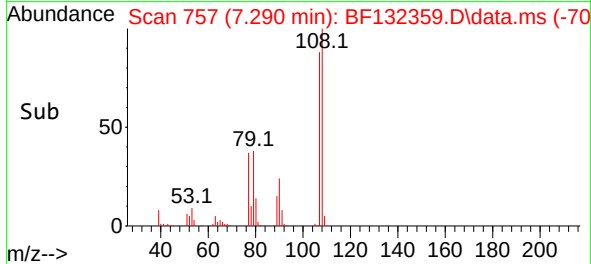
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



Tgt Ion:107 Resp: 385008
Ion Ratio Lower Upper
107 100
108 114.0 91.8 137.6
77 42.1 34.2 51.2
79 42.5 33.7 50.5

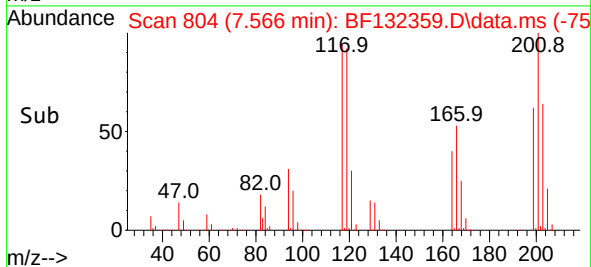
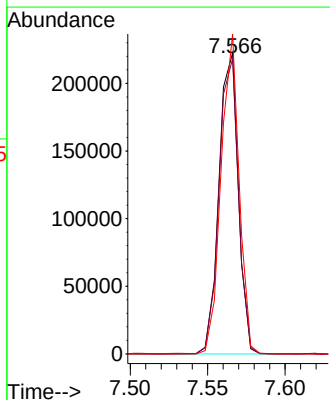
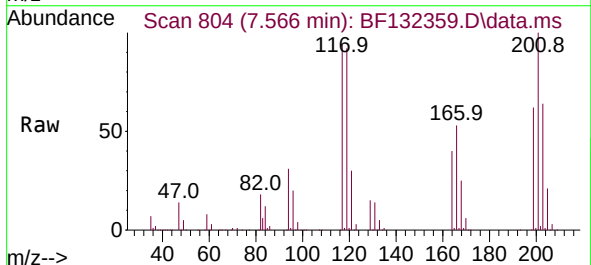
Manual Integrations
APPROVED

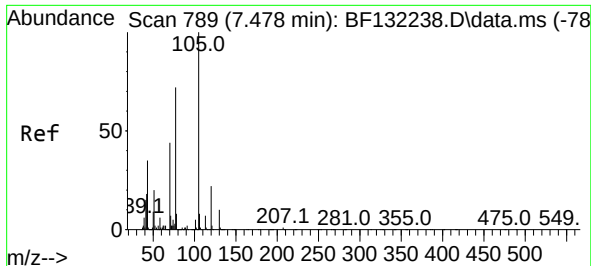
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#18
Hexachloroethane
Concen: 48.289 ng
RT: 7.566 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

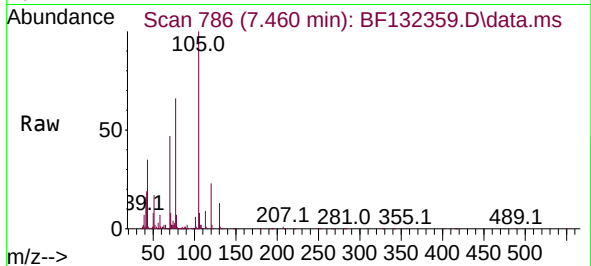
Tgt Ion:117 Resp: 194059
Ion Ratio Lower Upper
117 100
119 98.2 76.7 115.1
201 106.4 76.6 114.8





#19
n-Nitroso-di-n-propylamine
Concen: 38.817 ng
RT: 7.460 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

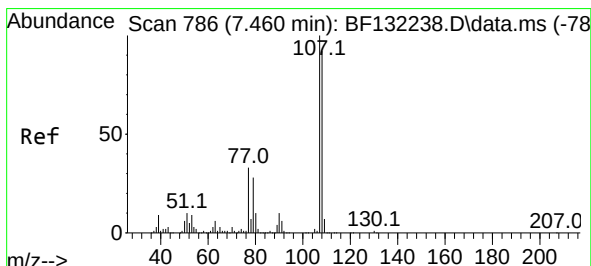
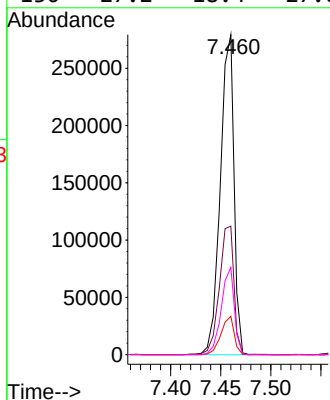
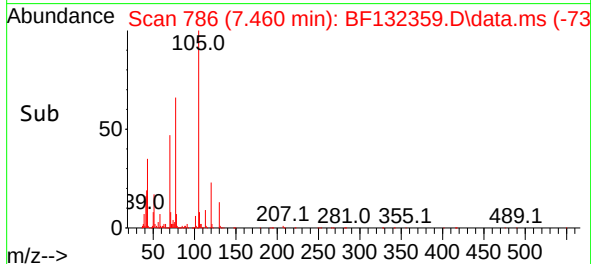
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



Tgt Ion: 70 Resp: 266315
Ion Ratio Lower Upper
70 100
42 40.1 33.4 50.0
101 12.0 8.2 12.4
130 27.2 18.4 27.6

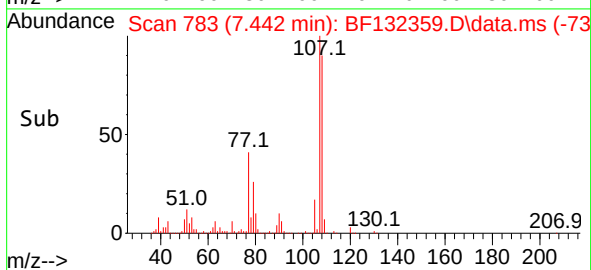
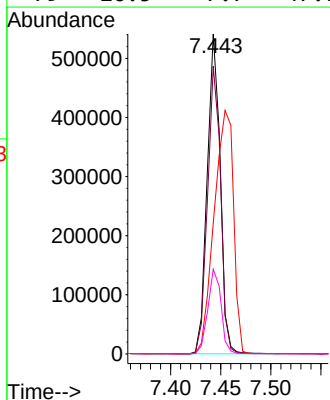
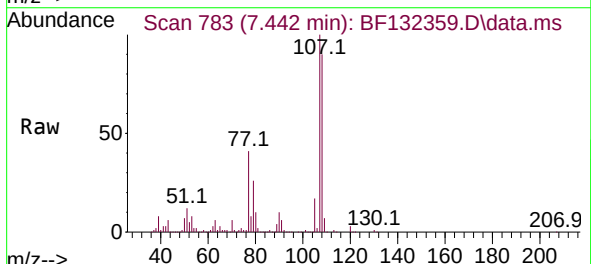
Manual Integrations
APPROVED

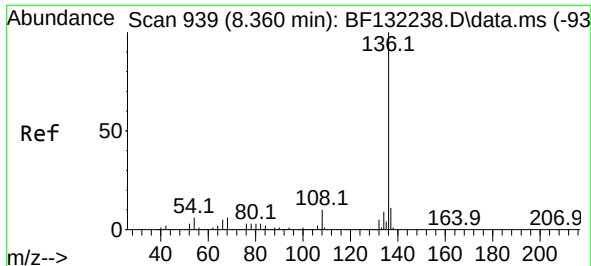
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#20
3+4-Methylphenols
Concen: 42.854 ng
RT: 7.442 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

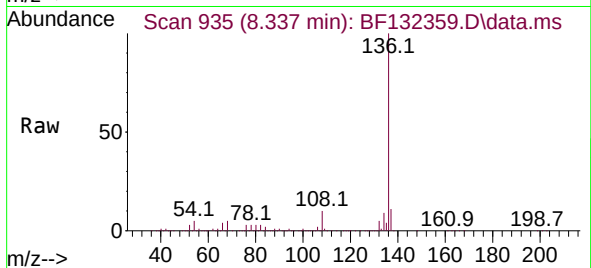
Tgt Ion:107 Resp: 485816
Ion Ratio Lower Upper
107 100
108 89.9 71.6 111.6
77 40.9 13.4 53.4
79 26.5 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.337 min Scan# 935
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

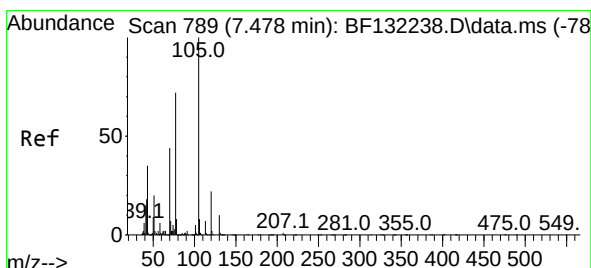
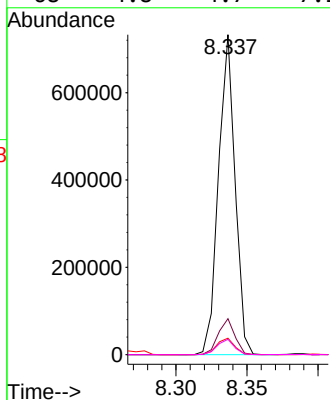
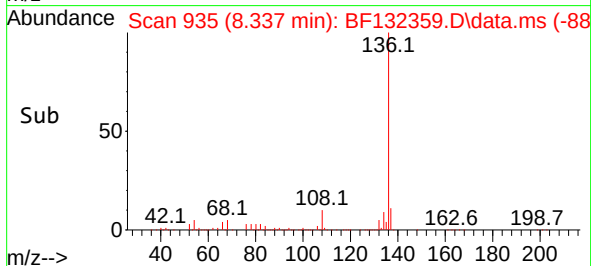
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



Tgt Ion:136 Resp: 597182
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.1 4.9 7.3
68 4.8 4.7 7.1

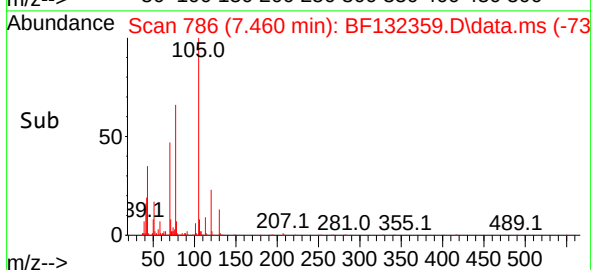
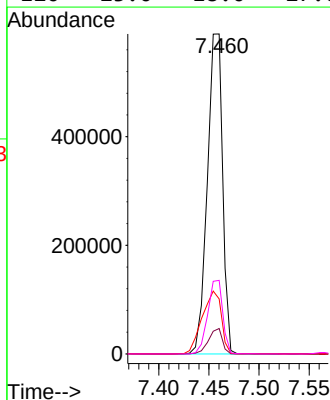
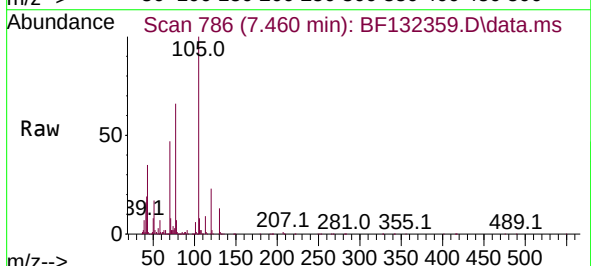
Manual Integrations
APPROVED

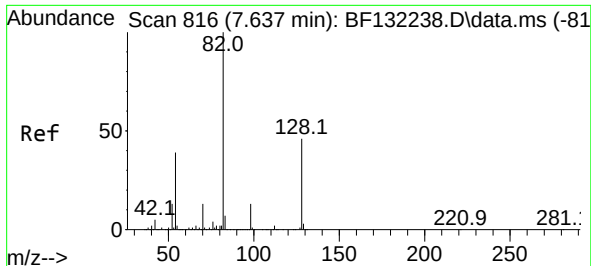
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#22
Acetophenone
Concen: 44.303 ng
RT: 7.460 min Scan# 786
Delta R.T. 0.006 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

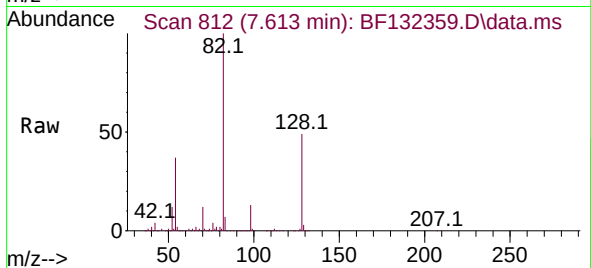
Tgt Ion:105 Resp: 622193
Ion Ratio Lower Upper
105 100
71 7.9 5.8 8.6
51 17.2 16.2 24.2
120 23.0 18.0 27.0





#23
Nitrobenzene-d5
Concen: 65.217 ng
RT: 7.613 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

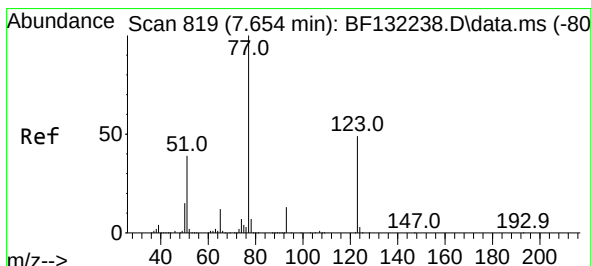
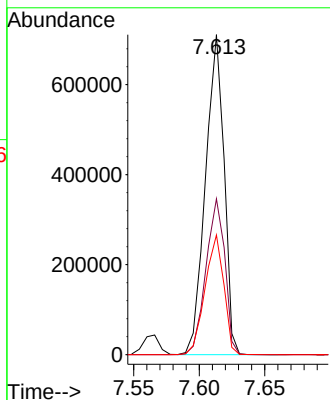
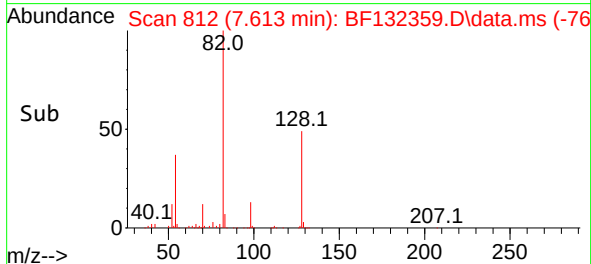
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



Tgt Ion: 82 Resp: 699882
Ion Ratio Lower Upper
82 100
128 48.7 37.0 55.4
54 37.4 31.5 47.3

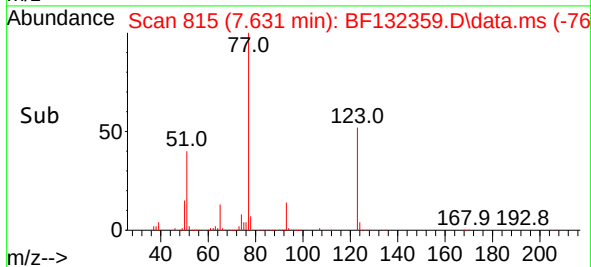
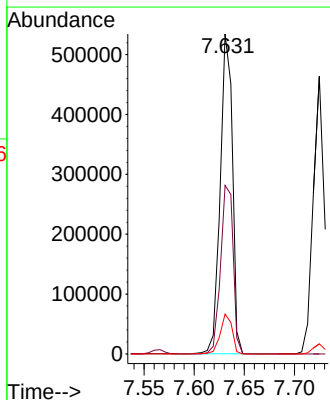
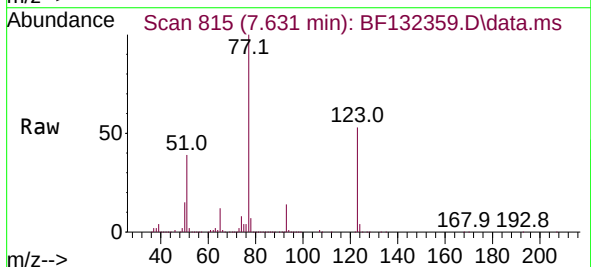
Manual Integrations
APPROVED

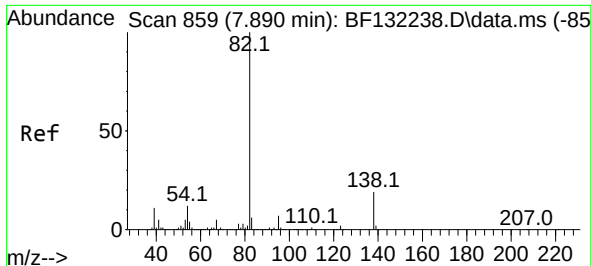
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#24
Nitrobenzene
Concen: 41.394 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

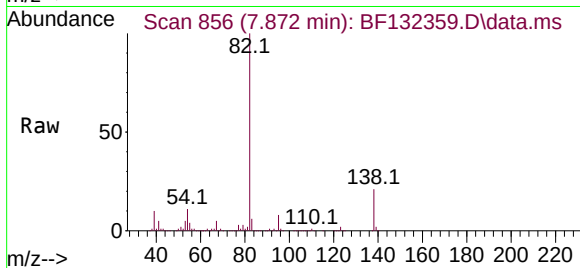
Tgt Ion: 77 Resp: 453821
Ion Ratio Lower Upper
77 100
123 52.6 39.5 59.3
65 12.4 9.8 14.8





#25
Isophorone
Concen: 41.834 ng
RT: 7.872 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

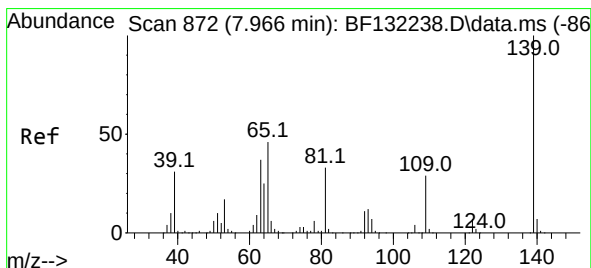
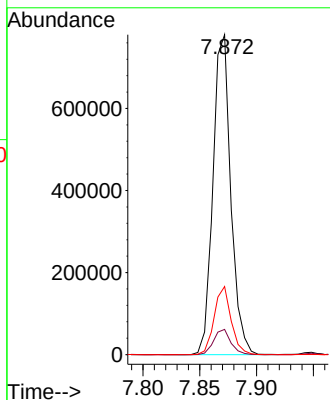
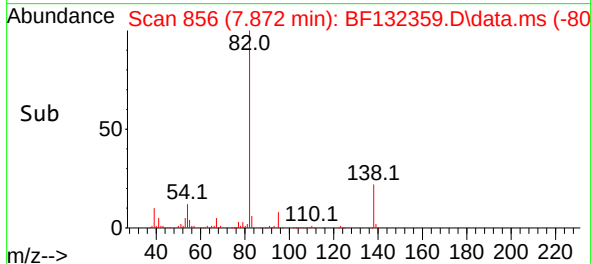
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



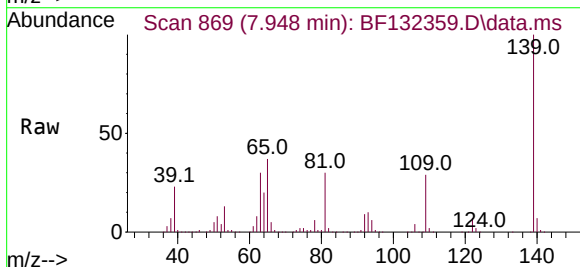
Tgt Ion: 82 Resp: 852090
Ion Ratio Lower Upper
82 100
95 7.9 5.6 8.4
138 21.3 15.0 22.6

Manual Integrations
APPROVED

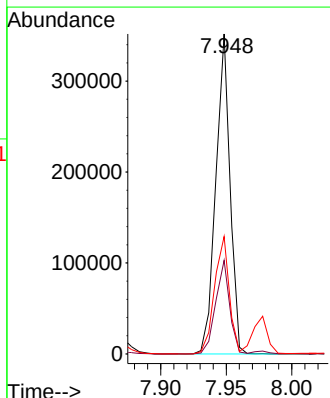
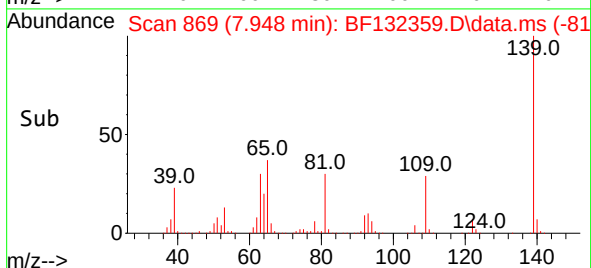
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

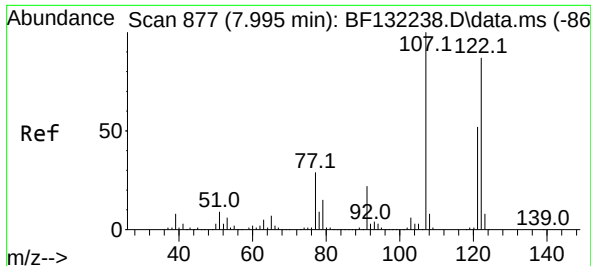


#26
2-Nitrophenol
Concen: 49.829 ng
RT: 7.948 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20



Tgt Ion:139 Resp: 266099
Ion Ratio Lower Upper
139 100
109 29.2 23.0 34.6
65 36.7 36.6 55.0





#27

2,4-Dimethylphenol

Concen: 46.733 ng

RT: 7.978 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF132359.D

Acq: 08 Feb 2023 16:20

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MSD

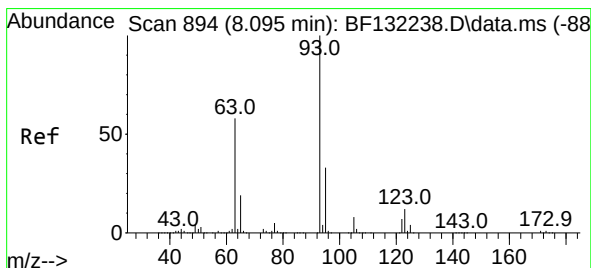
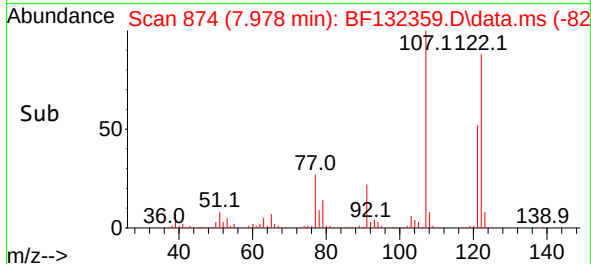
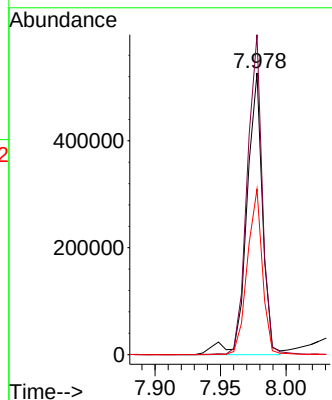
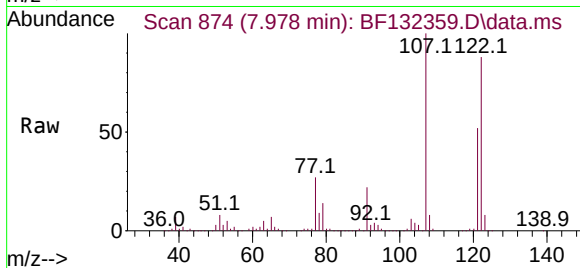
Tgt Ion:122 Resp: 436825

Ion	Ratio	Lower	Upper
122	100		
107	113.6	91.9	137.9
121	58.8	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.792 ng

RT: 8.078 min Scan# 891

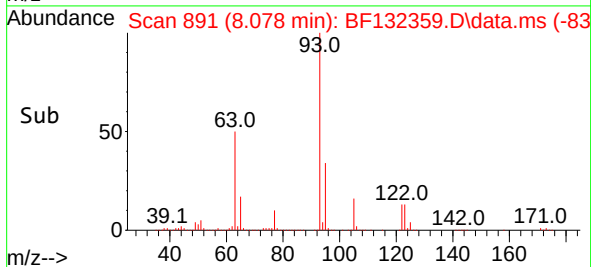
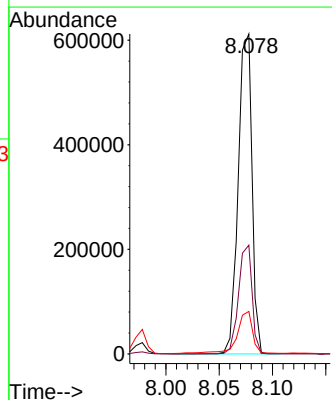
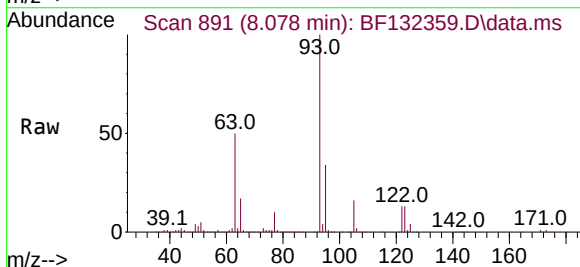
Delta R.T. 0.006 min

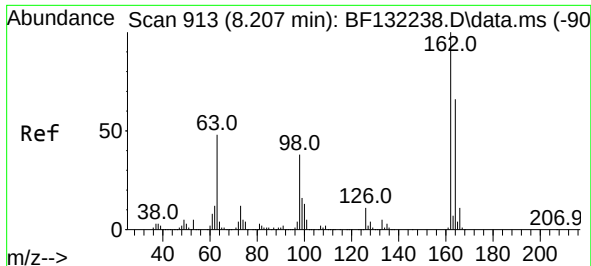
Lab File: BF132359.D

Acq: 08 Feb 2023 16:20

Tgt Ion: 93 Resp: 548146

Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.6	40.0
123	13.3	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 47.368 ng

RT: 8.190 min Scan# 913

Delta R.T. 0.006 min

Lab File: BF132359.D

Acq: 08 Feb 2023 16:20

Instrument :

BNA_F

ClientSampleId :

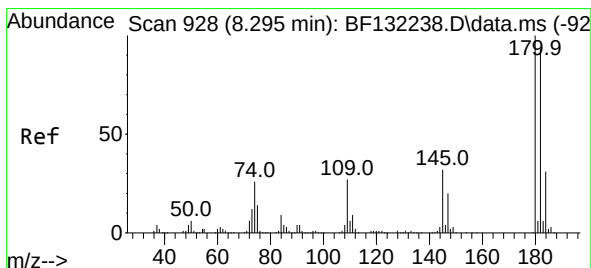
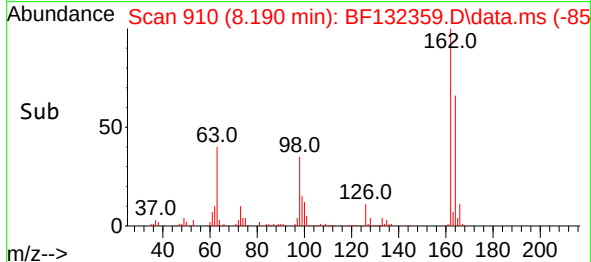
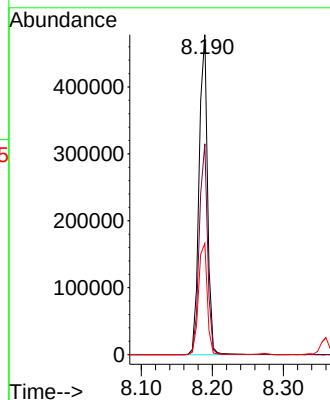
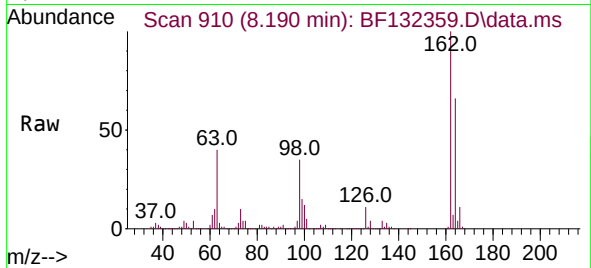
JPP-39-020723MSD

Tgt Ion:162 Resp: 393095
 Ion Ratio Lower Upper
 162 100
 164 65.9 46.4 86.4
 98 34.7 17.8 57.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2023
 Supervised By :Jagrut Upadhyay 02/09/2023



#30

1,2,4-Trichlorobenzene

Concen: 49.411 ng

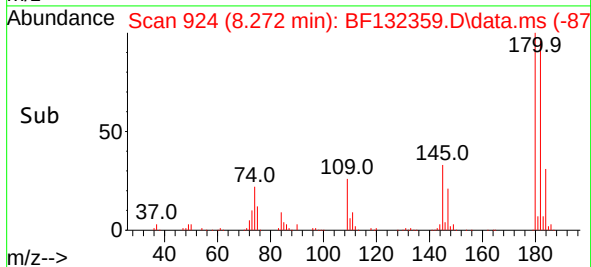
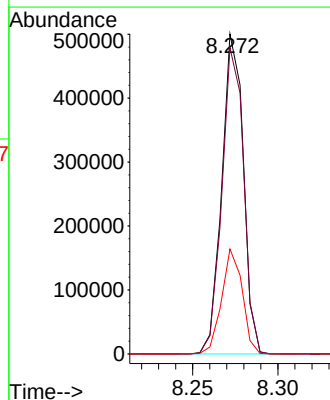
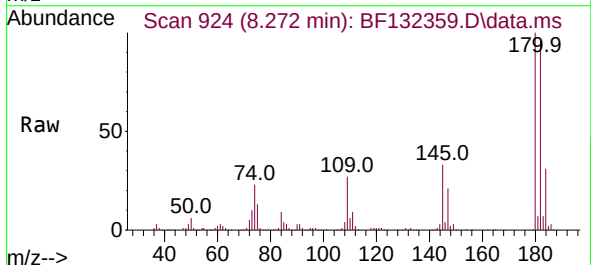
RT: 8.272 min Scan# 924

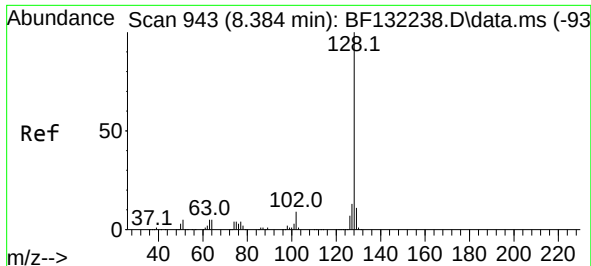
Delta R.T. 0.000 min

Lab File: BF132359.D

Acq: 08 Feb 2023 16:20

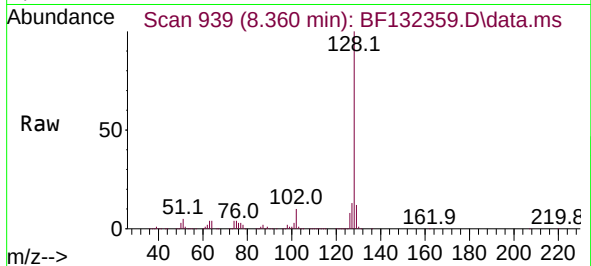
Tgt Ion:180 Resp: 439106
 Ion Ratio Lower Upper
 180 100
 182 95.7 74.6 112.0
 145 32.8 25.3 37.9





#31
Naphthalene
Concen: 46.186 ng
RT: 8.360 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

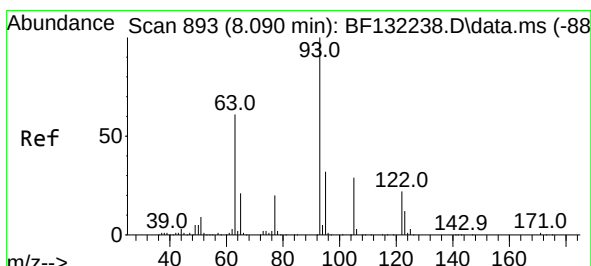
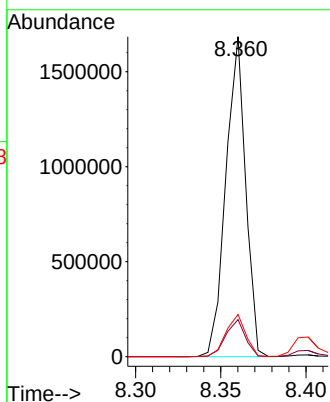
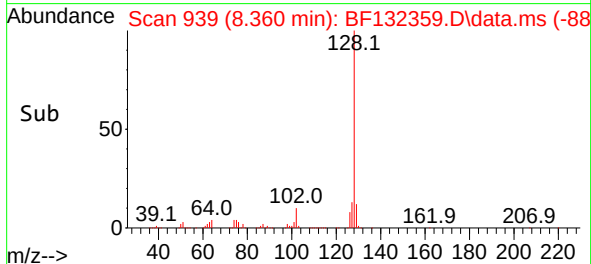
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



Tgt Ion:128 Resp: 1357635
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.2 10.5 15.7

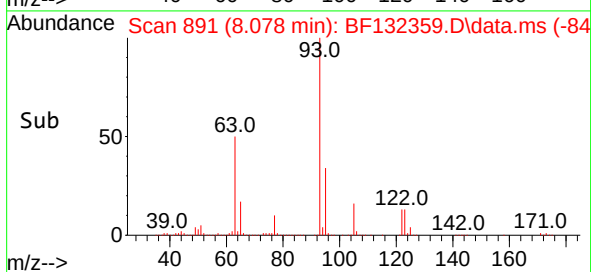
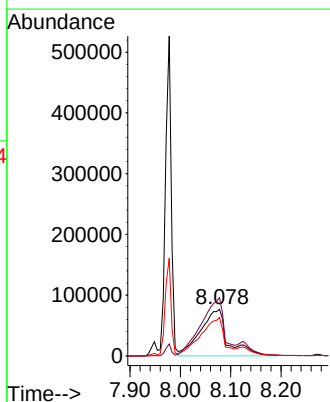
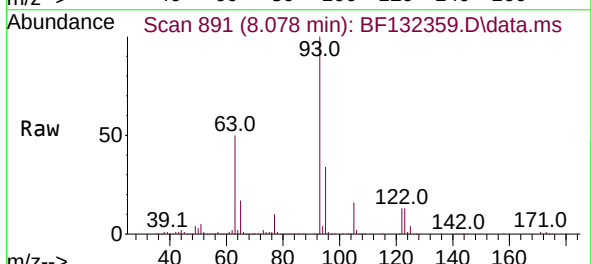
Manual Integrations
APPROVED

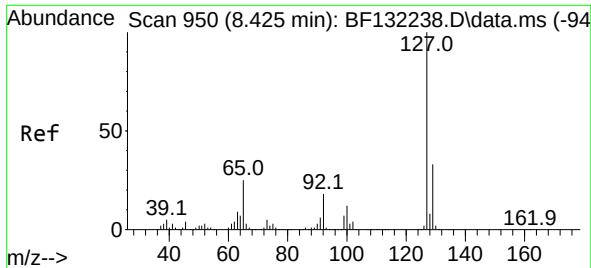
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#32
Benzoic acid
Concen: 42.071 ng m
RT: 8.078 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

Tgt Ion:122 Resp: 291088
Ion Ratio Lower Upper
122 100
105 125.0 106.3 146.3
77 82.2 70.6 110.6





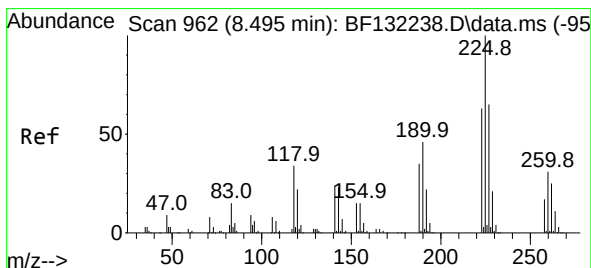
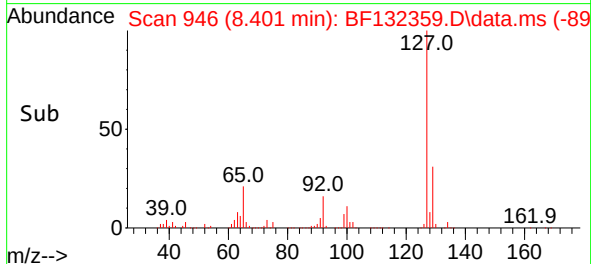
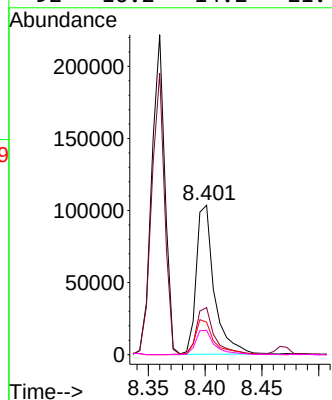
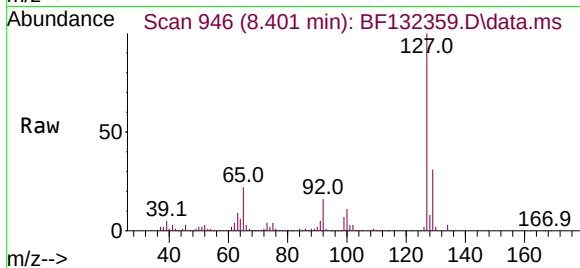
#33
4-Chloroaniline
Concen: 8.702 ng
RT: 8.401 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD

Tgt Ion:	127	Resp:	113423
Ion Ratio	Lower	Upper	
127	100		
129	31.4	26.6	39.8
65	21.7	20.2	30.2
92	16.2	14.2	21.4

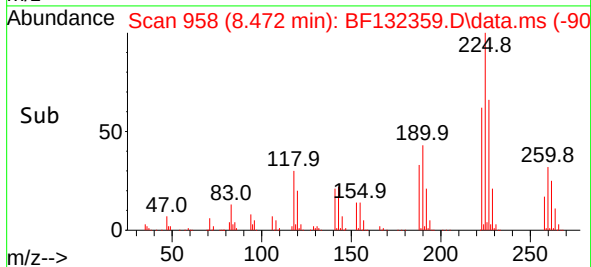
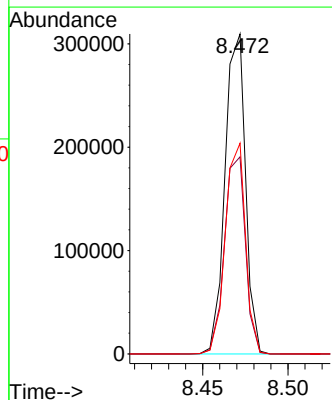
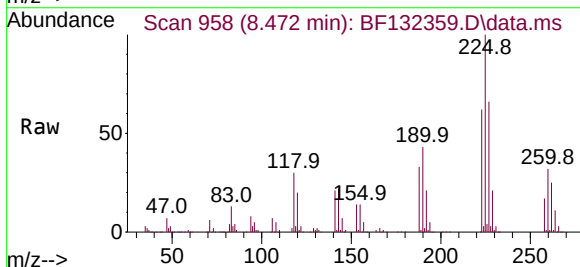
Manual Integrations
APPROVED

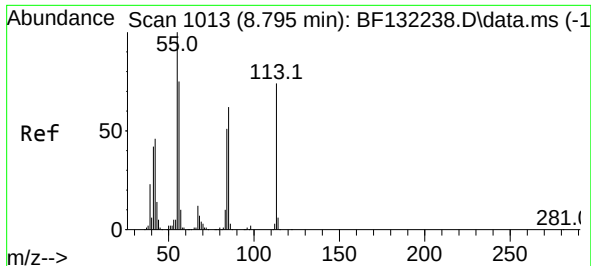
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#34
Hexachlorobutadiene
Concen: 51.772 ng
RT: 8.472 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

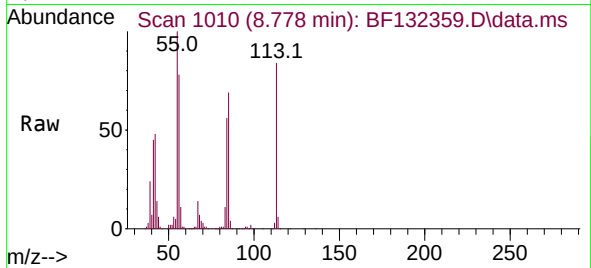
Tgt Ion:	225	Resp:	258647
Ion Ratio	Lower	Upper	
225	100		
223	61.6	50.6	75.8
227	65.8	51.7	77.5





#35
Caprolactam
Concen: 45.267 ng m
RT: 8.778 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

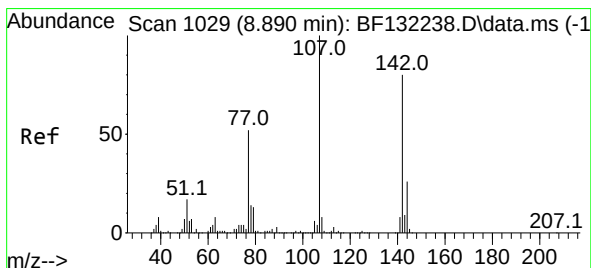
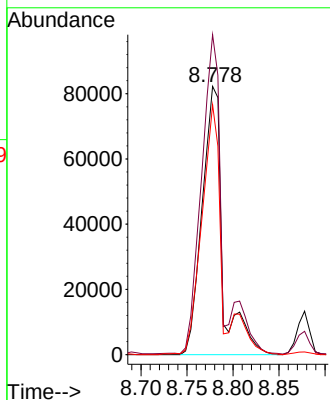
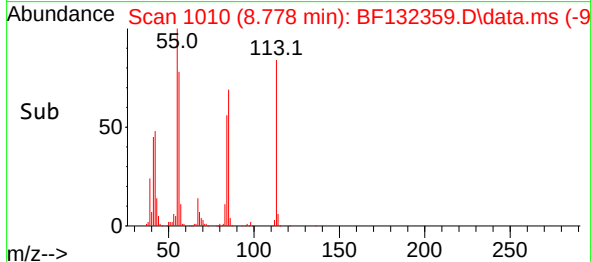
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



Tgt Ion:113 Resp: 128068
Ion Ratio Lower Upper
113 100
55 119.3 114.7 154.7
56 93.1 81.1 121.1

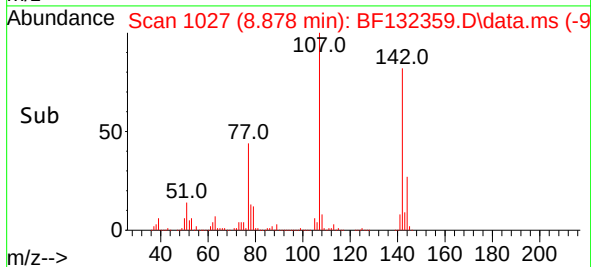
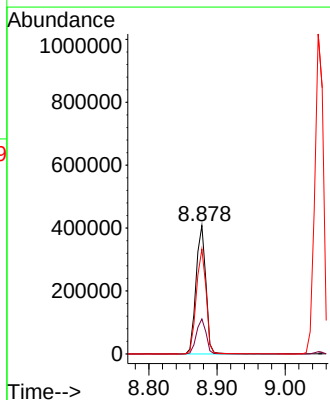
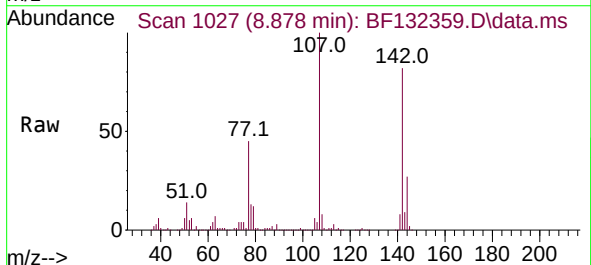
Manual Integrations
APPROVED

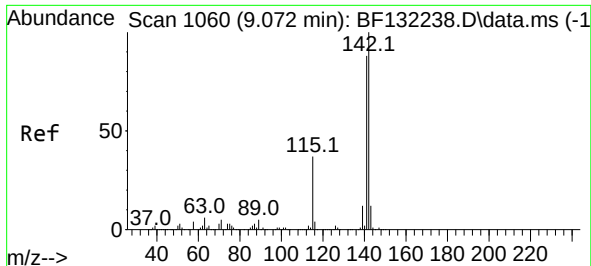
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#36
4-Chloro-3-methylphenol
Concen: 45.546 ng
RT: 8.878 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

Tgt Ion:107 Resp: 407206
Ion Ratio Lower Upper
107 100
144 27.2 20.5 30.7
142 81.6 63.6 95.4





#37

2-Methylnaphthalene

Concen: 44.412 ng

RT: 9.048 min Scan# 1060

Delta R.T. 0.000 min

Lab File: BF132359.D

Acq: 08 Feb 2023 16:20

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MSD

Tgt Ion:142 Resp: 884295

Ion Ratio Lower Upper

142 100

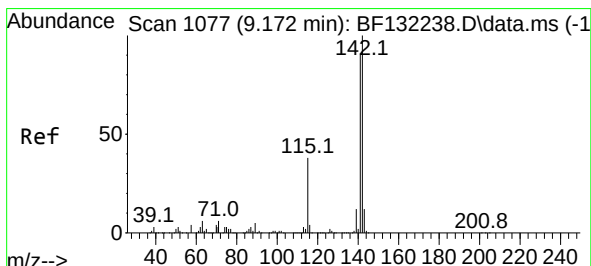
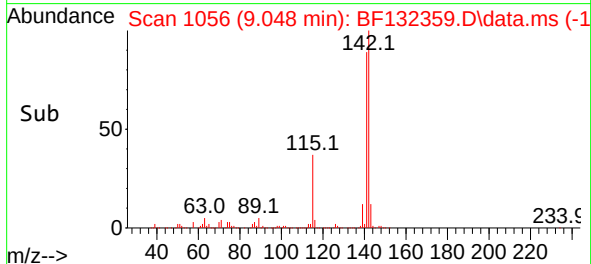
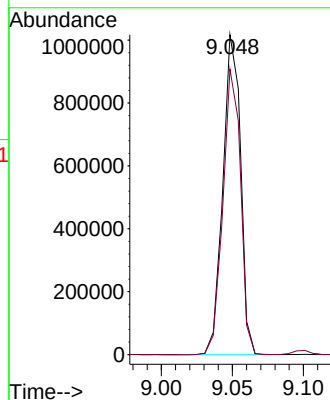
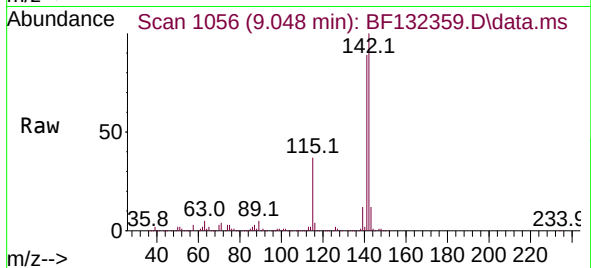
141 89.2 70.1 105.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2023

Supervised By :Jagrut Upadhyay 02/09/2023



#38

1-Methylnaphthalene

Concen: 44.153 ng

RT: 9.148 min Scan# 1073

Delta R.T. 0.000 min

Lab File: BF132359.D

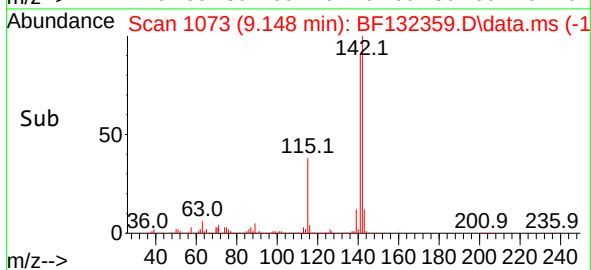
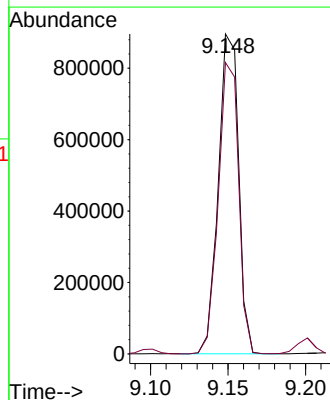
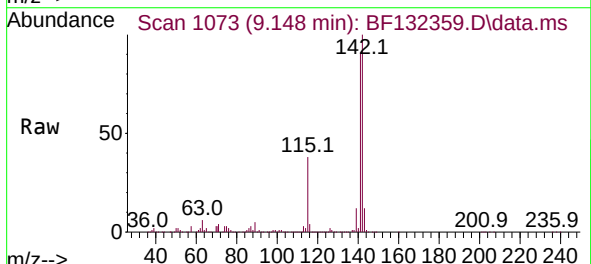
Acq: 08 Feb 2023 16:20

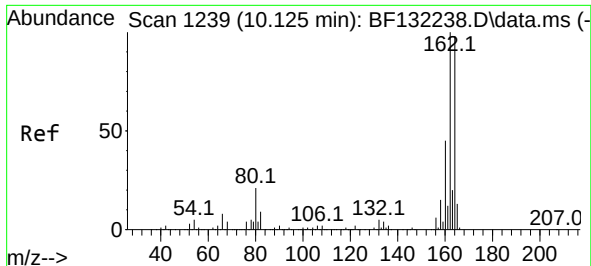
Tgt Ion:142 Resp: 816983

Ion Ratio Lower Upper

142 100

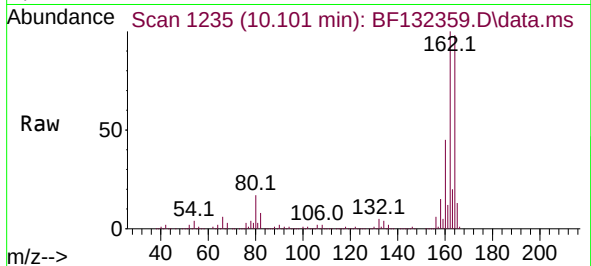
141 91.0 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

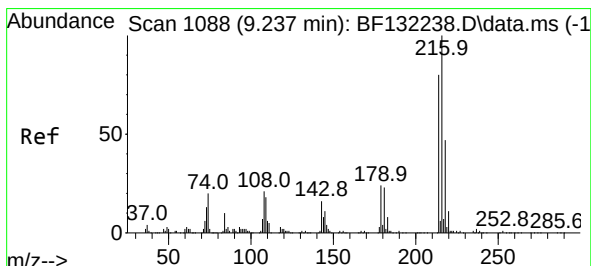
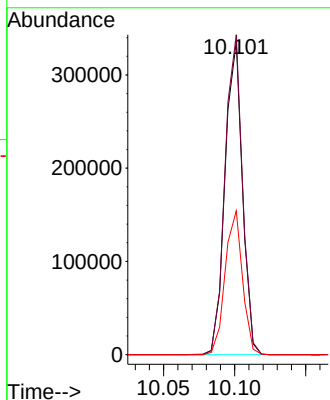
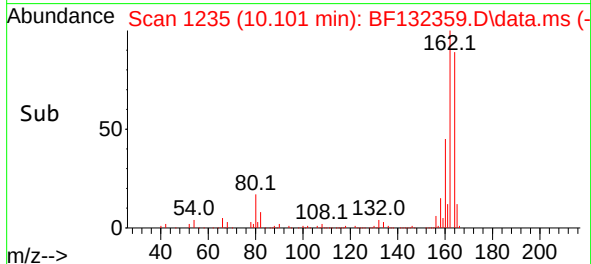
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



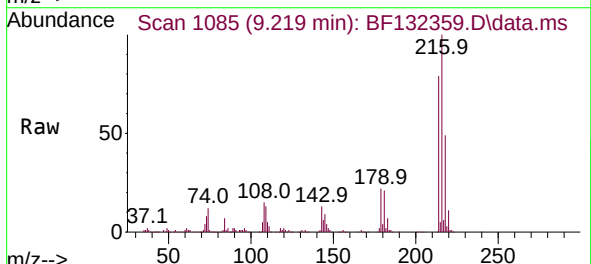
Tgt Ion:164 Resp: 28470
Ion Ratio Lower Upper
164 100
162 102.3 82.0 123.0
160 46.0 37.1 55.7

Manual Integrations
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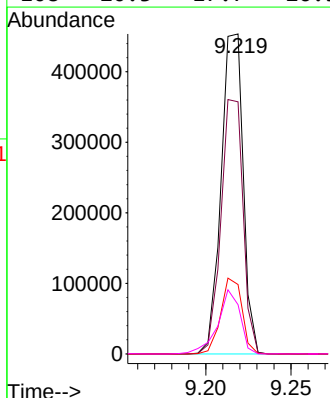
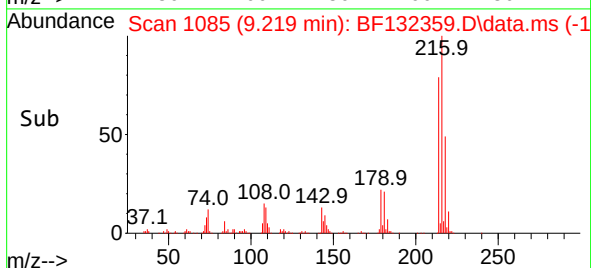
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

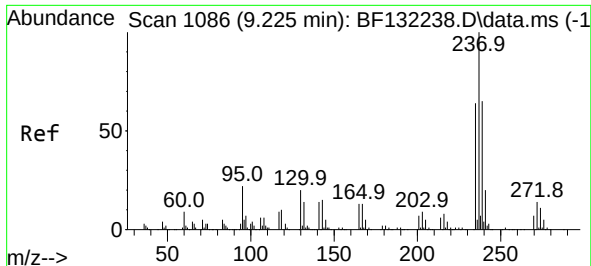


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.038 ng
RT: 9.219 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20



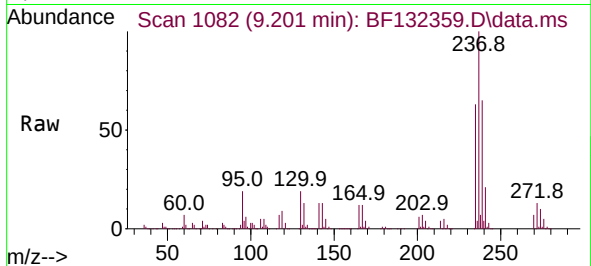
Tgt Ion:216 Resp: 408917
Ion Ratio Lower Upper
216 100
214 79.3 63.6 95.4
179 22.7 18.3 27.5
108 20.3 17.7 26.5





#41
Hexachlorocyclopentadiene
Concen: 58.003 ng
RT: 9.201 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

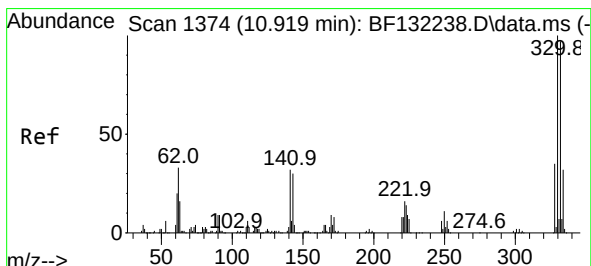
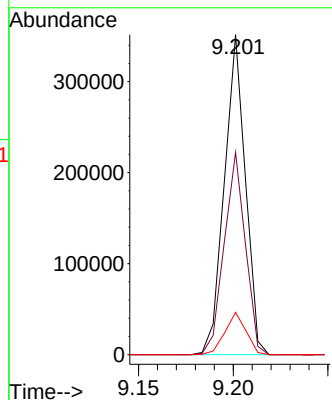
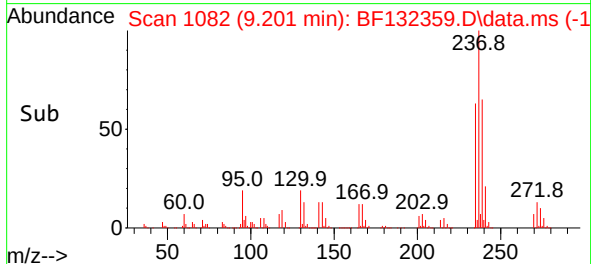
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



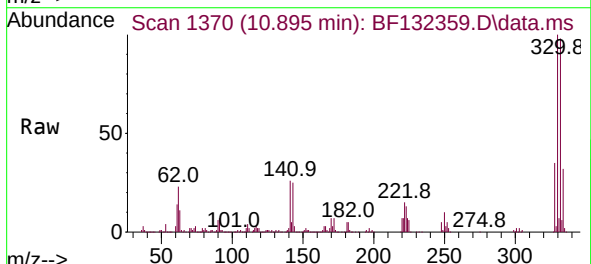
Tgt Ion: 237 Resp: 271131
Ion Ratio Lower Upper
237 100
235 63.2 43.5 83.5
272 13.2 0.0 33.6

Manual Integrations
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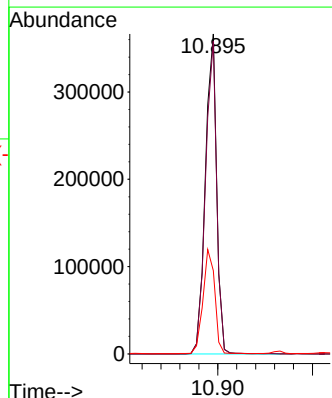
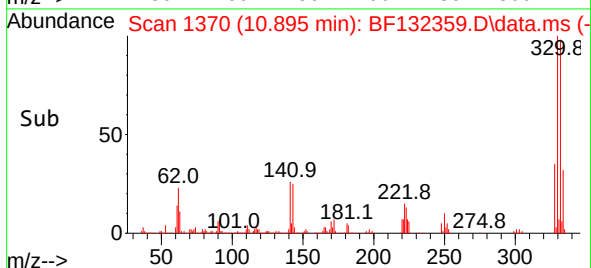
Reviewed By : Christian Giraldo 02/09/2023
Supervised By : Jagrut Upadhyay 02/09/2023

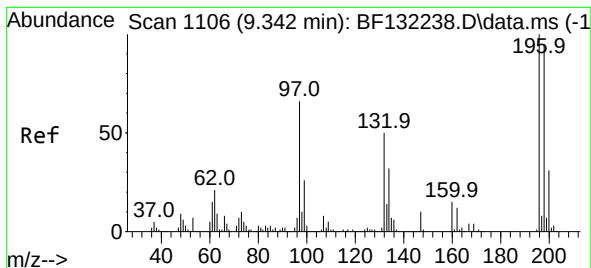


#42
2,4,6-Tribromophenol
Concen: 103.438 ng
RT: 10.895 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20



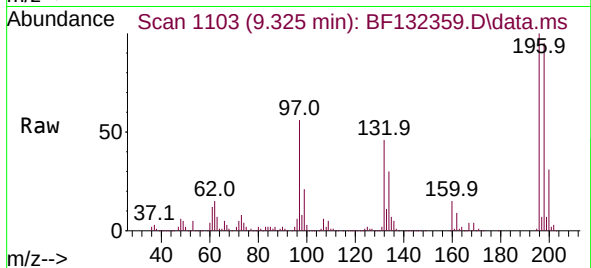
Tgt Ion: 330 Resp: 302848
Ion Ratio Lower Upper
330 100
332 97.1 77.9 116.9
141 34.2 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 49.195 ng
RT: 9.325 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

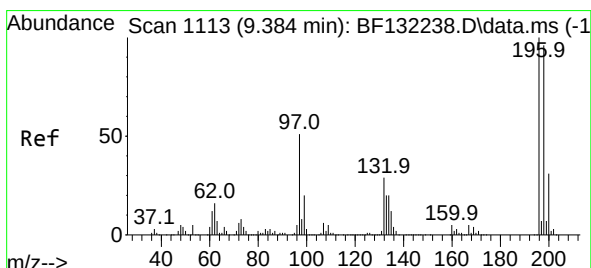
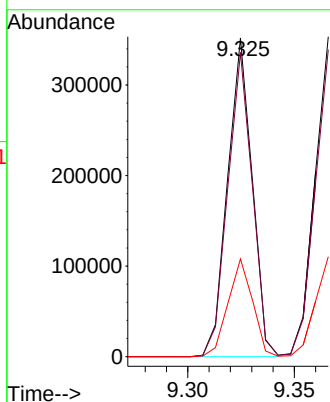
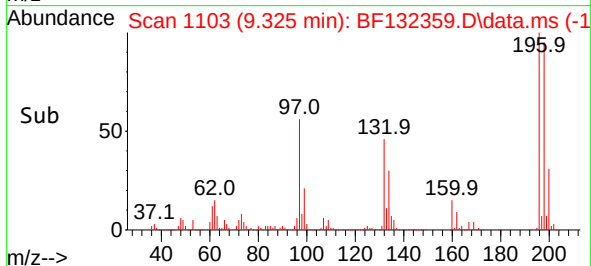
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



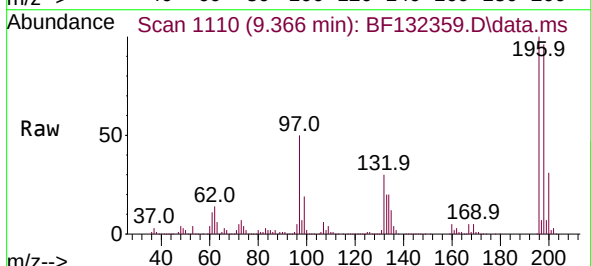
Tgt Ion:196 Resp: 28175
Ion Ratio Lower Upper
196 100
198 95.4 75.9 113.9
200 30.6 24.7 37.1

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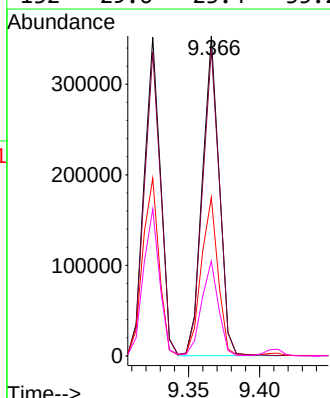
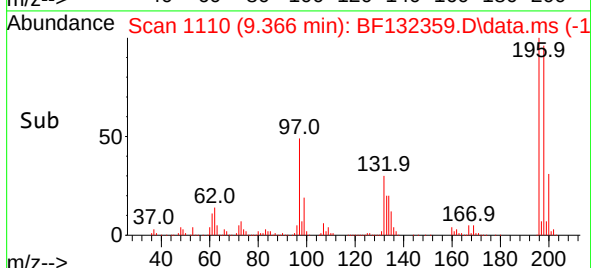
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

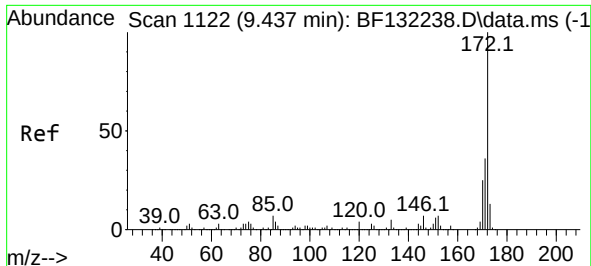


#44
2,4,5-Trichlorophenol
Concen: 44.123 ng
RT: 9.366 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20



Tgt Ion:196 Resp: 290856
Ion Ratio Lower Upper
196 100
198 95.9 77.0 115.4
97 49.5 41.2 61.8
132 29.6 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 66.439 ng

RT: 9.413 min Scan# 1118

Delta R.T. 0.000 min

Lab File: BF132359.D

Acq: 08 Feb 2023 16:20

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MSD

Tgt Ion:172 Resp: 1224902

Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

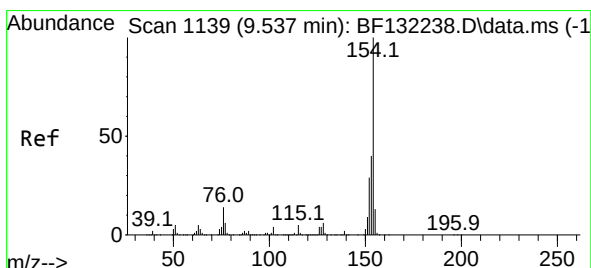
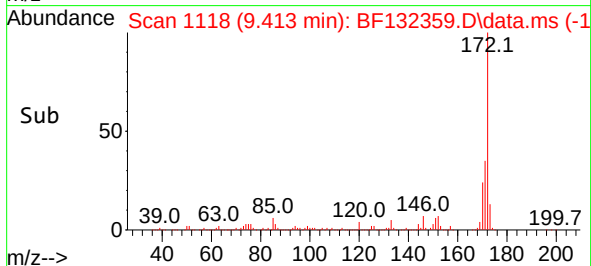
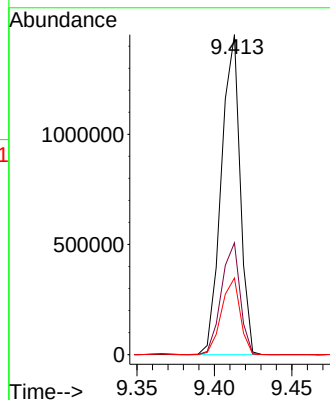
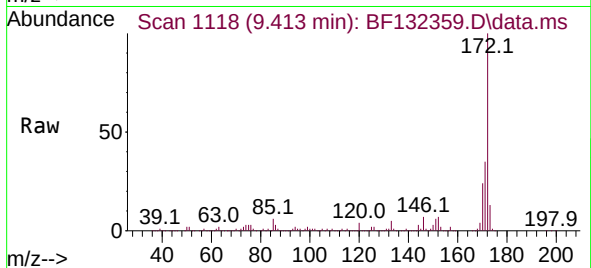
170 23.9 19.7 29.5

Manual Integrations

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Reviewed By :Christian Giraldo 02/09/2023

Supervised By :Jagrut Upadhyay 02/09/2023



#46

1,1'-Biphenyl

Concen: 47.838 ng

RT: 9.513 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BF132359.D

Acq: 08 Feb 2023 16:20

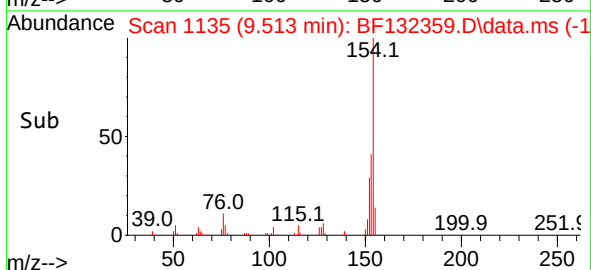
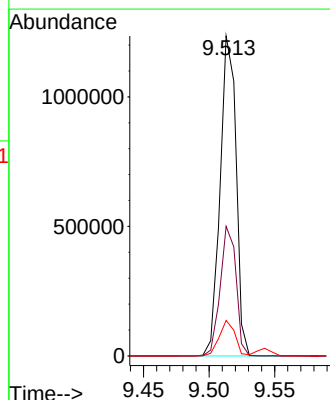
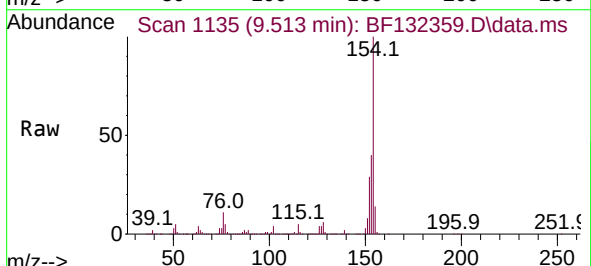
Tgt Ion:154 Resp: 1050022

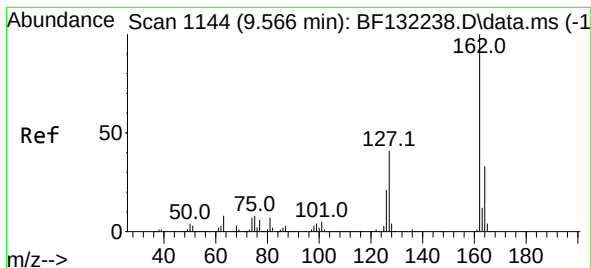
Ion Ratio Lower Upper

154 100

153 40.5 19.9 59.9

76 11.1 0.0 34.0





#47

2-Chloronaphthalene

Concen: 48.147 ng

RT: 9.542 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF132359.D

Acq: 08 Feb 2023 16:20

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MSD

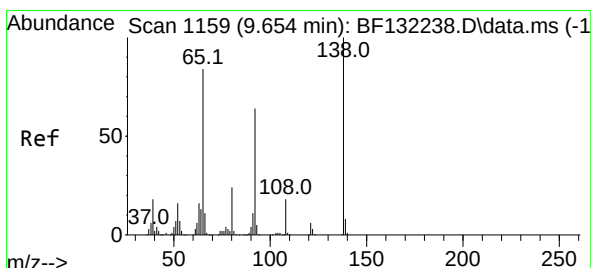
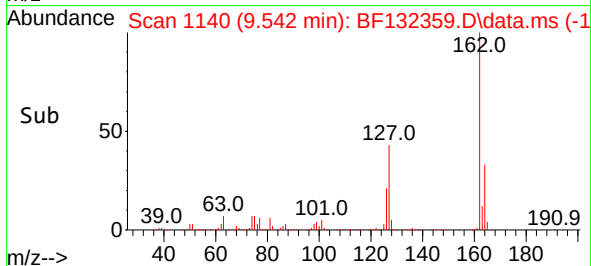
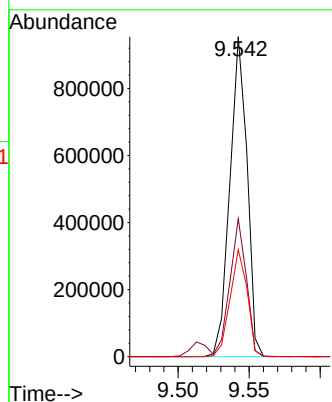
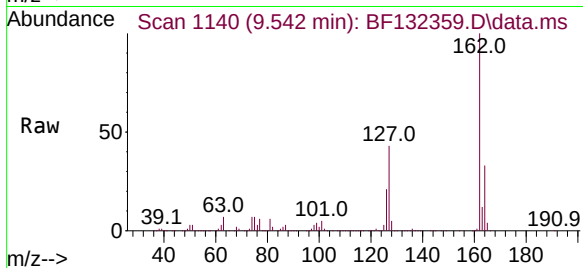
Tgt Ion:162 Resp: 804908

Ion	Ratio	Lower	Upper
162	100		
127	43.1	33.3	49.9
164	33.4	26.8	40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#48

2-Nitroaniline

Concen: 40.066 ng

RT: 9.636 min Scan# 1156

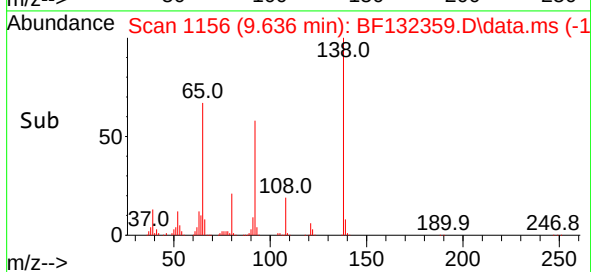
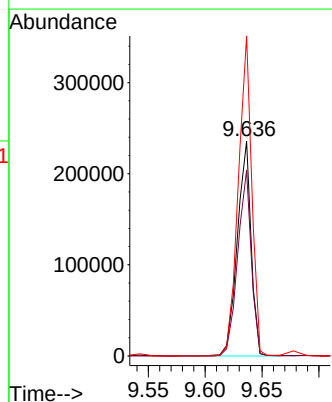
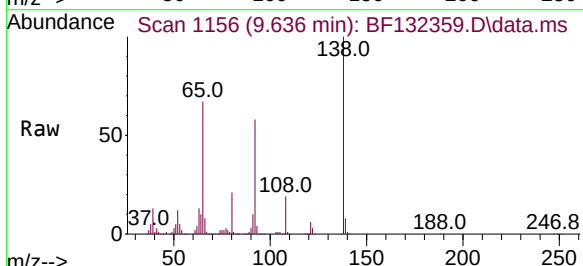
Delta R.T. 0.000 min

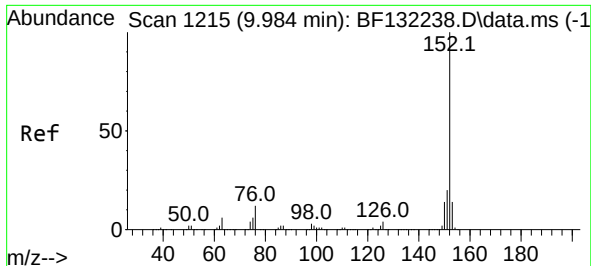
Lab File: BF132359.D

Acq: 08 Feb 2023 16:20

Tgt Ion: 65 Resp: 199205

Ion	Ratio	Lower	Upper
65	100		
92	86.4	61.0	91.4
138	149.1	95.0	142.4





#49

Acenaphthylene

Concen: 45.188 ng

RT: 9.960 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF132359.D

Acq: 08 Feb 2023 16:20

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MSD

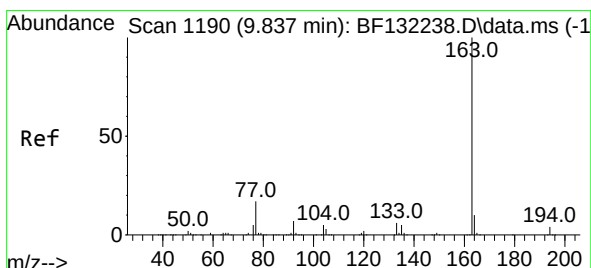
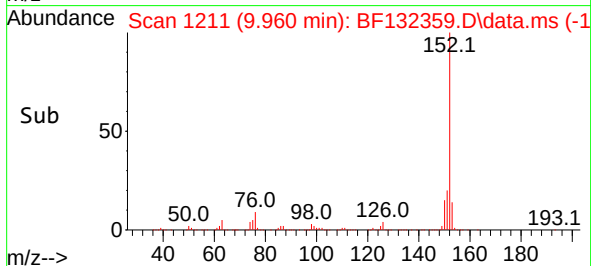
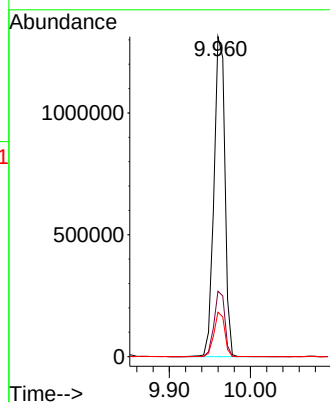
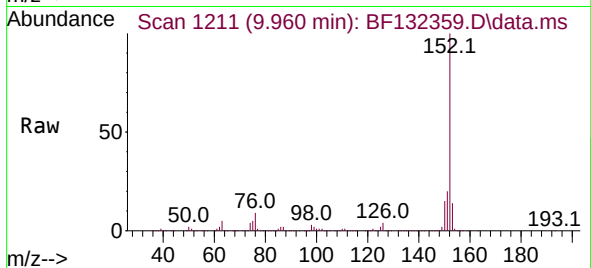
Tgt Ion:152 Resp: 1232913

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	13.9	10.9	16.3

Manual Integrations

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Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#50

Dimethylphthalate

Concen: 47.933 ng

RT: 9.813 min Scan# 1186

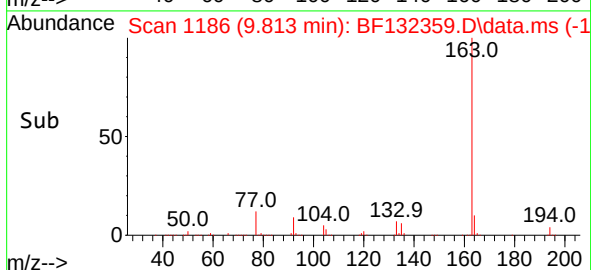
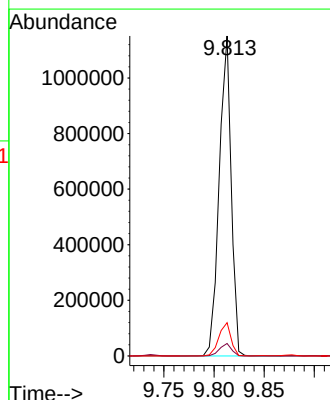
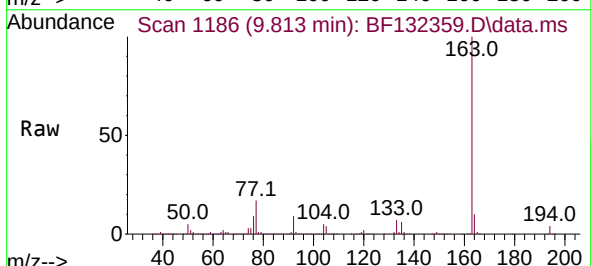
Delta R.T. 0.000 min

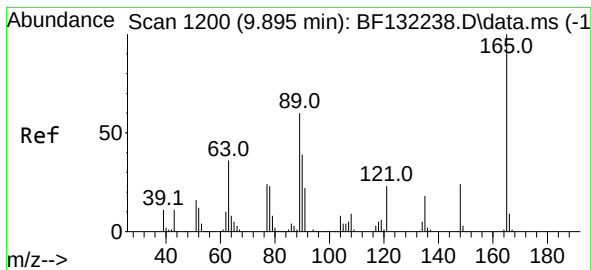
Lab File: BF132359.D

Acq: 08 Feb 2023 16:20

Tgt Ion:163 Resp: 954604

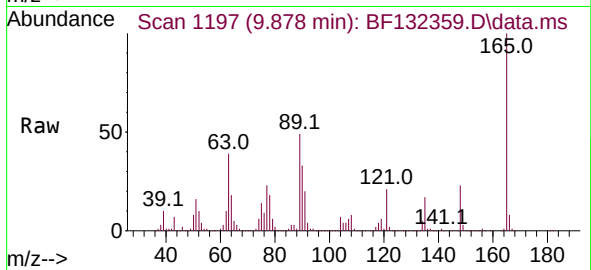
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.4	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 47.769 ng
RT: 9.878 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

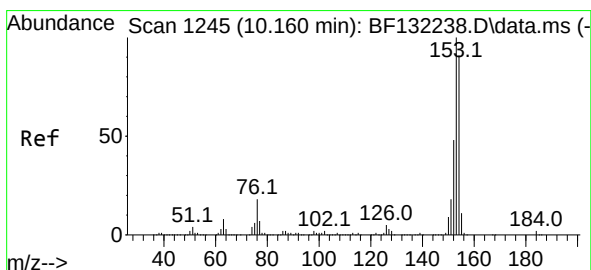
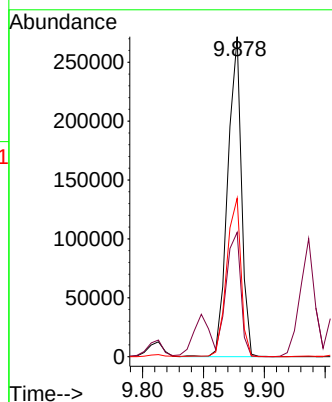
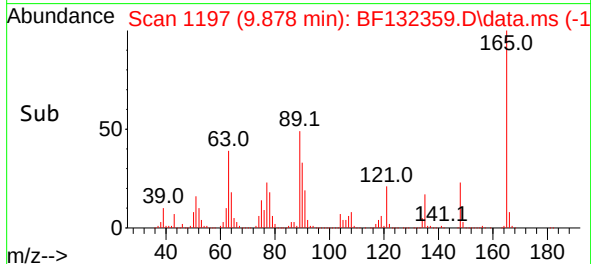
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



Tgt Ion:165 Resp: 212471
Ion Ratio Lower Upper
165 100
63 38.8 41.5 62.3
89 49.5 48.1 72.1

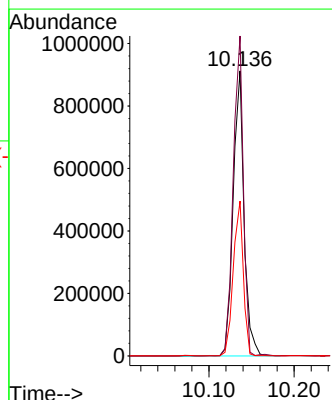
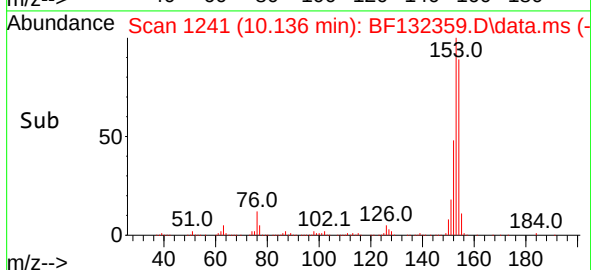
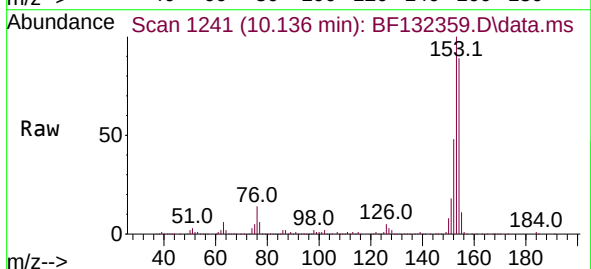
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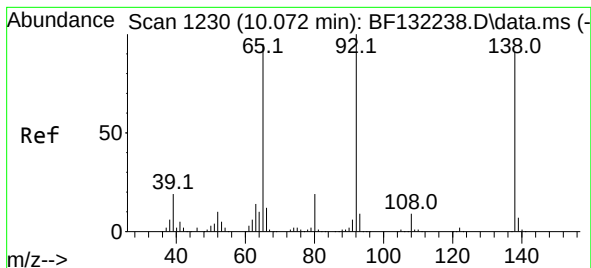
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#52
Acenaphthene
Concen: 47.215 ng
RT: 10.136 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

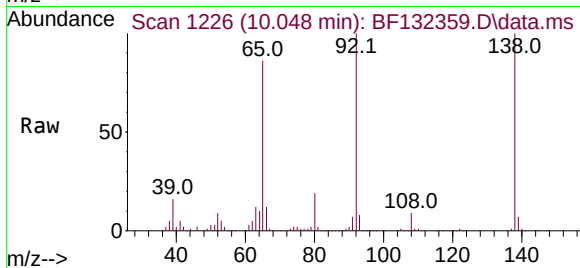
Tgt Ion:154 Resp: 806519
Ion Ratio Lower Upper
154 100
153 112.3 88.3 132.5
152 54.3 42.7 64.1





#53
3-Nitroaniline
Concen: 29.493 ng
RT: 10.048 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

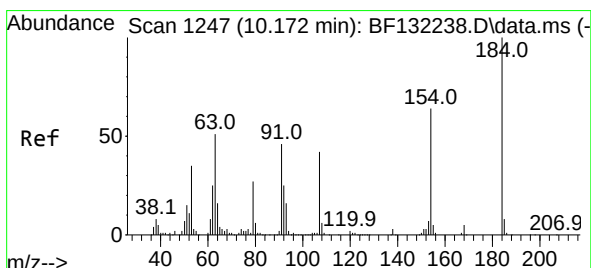
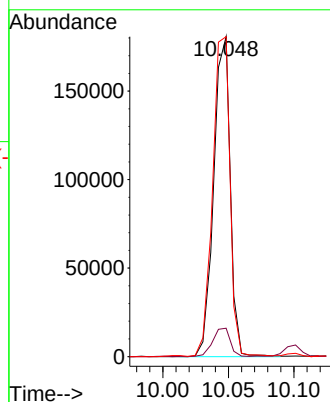
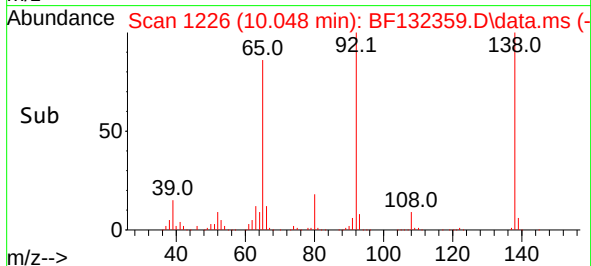
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



Tgt Ion:138 Resp: 159086
Ion Ratio Lower Upper
138 100
108 8.9 7.6 11.4
92 100.0 88.3 132.5

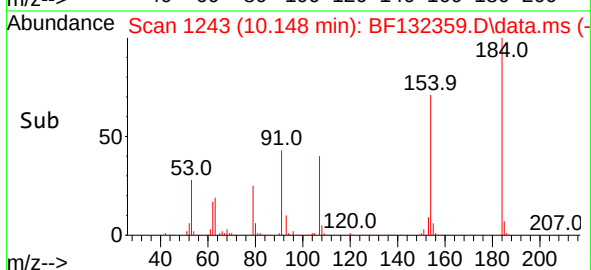
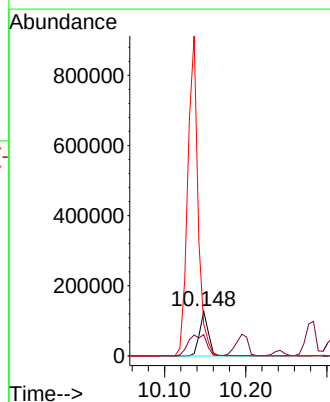
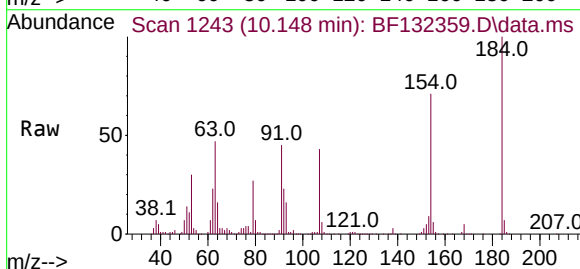
Manual Integrations
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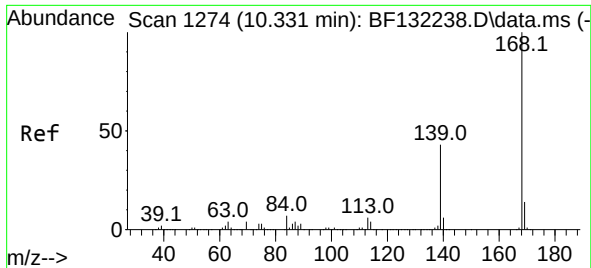
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#54
2,4-Dinitrophenol
Concen: 39.432 ng
RT: 10.148 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

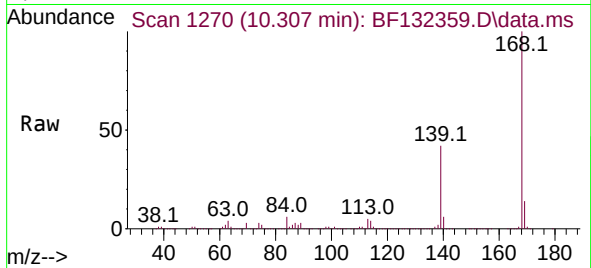
Tgt Ion:184 Resp: 95685
Ion Ratio Lower Upper
184 100
63 47.3 41.6 62.4
154 71.2 57.0 85.6





#55
Dibenzofuran
Concen: 45.867 ng
RT: 10.307 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

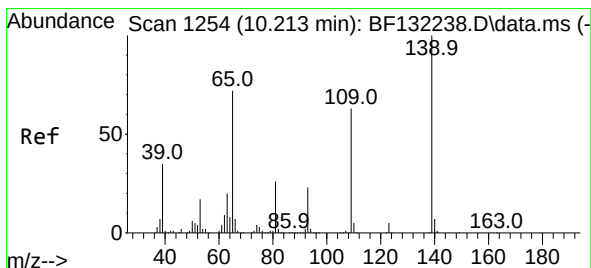
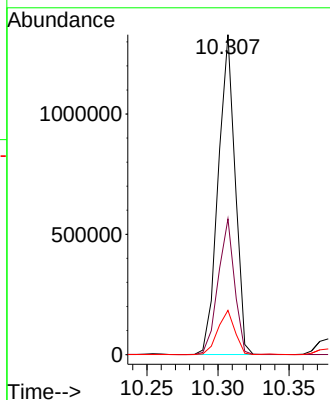
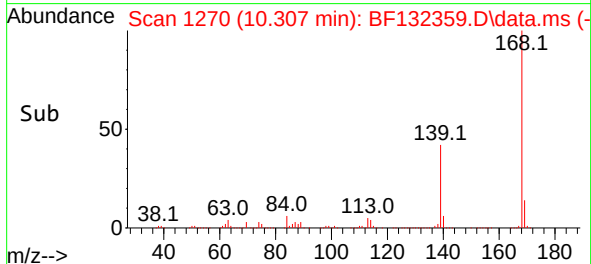
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



Tgt Ion:168 Resp: 1100826
Ion Ratio Lower Upper
168 100
139 42.4 34.2 51.4
169 13.8 11.2 16.8

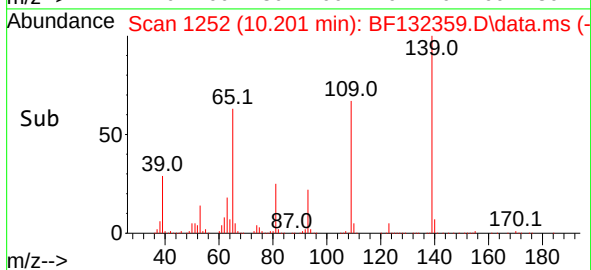
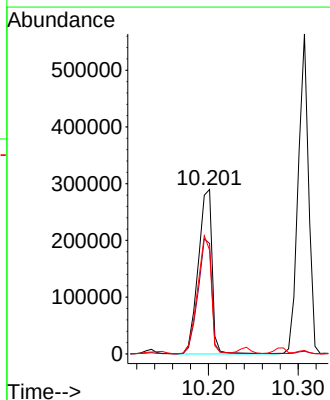
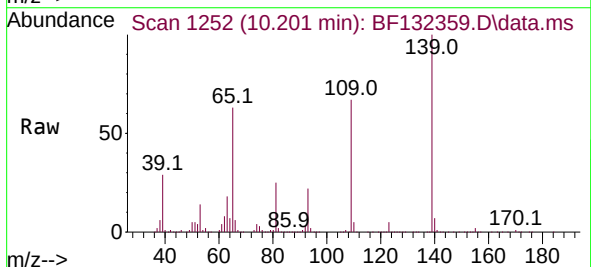
Manual Integrations
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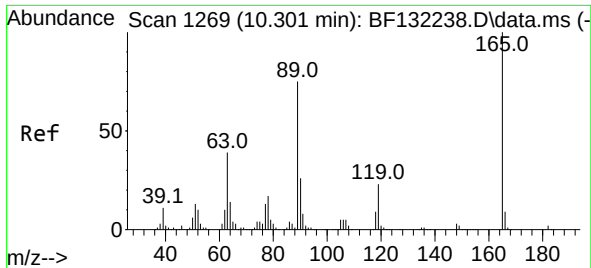
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#56
4-Nitrophenol
Concen: 76.699 ng
RT: 10.201 min Scan# 1252
Delta R.T. 0.012 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

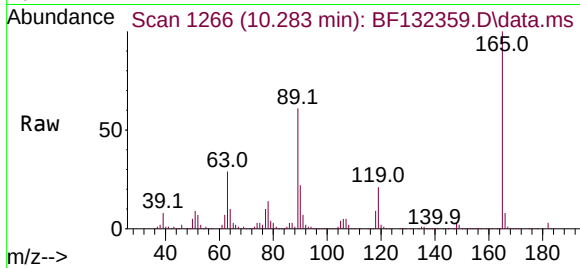
Tgt Ion:139 Resp: 311317
Ion Ratio Lower Upper
139 100
109 67.2 43.3 83.3
65 63.2 52.3 92.3





#57
2,4-Dinitrotoluene
Concen: 46.187 ng
RT: 10.283 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

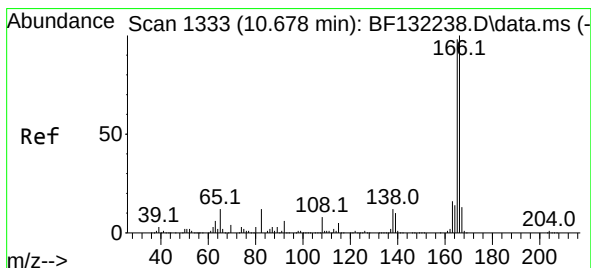
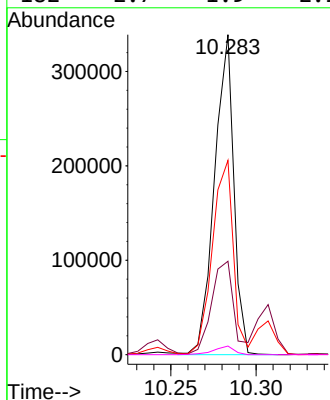
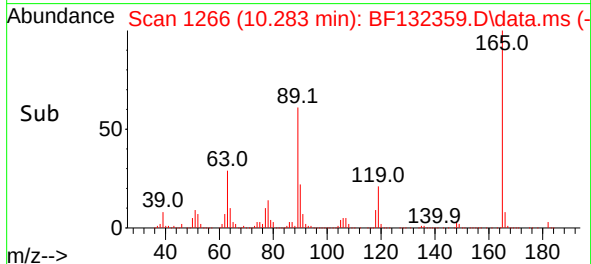
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



Tgt Ion:165 Resp: 266856
Ion Ratio Lower Upper
165 100
63 29.2 30.9 46.3
89 60.7 60.1 90.1
182 2.7 1.9 2.9

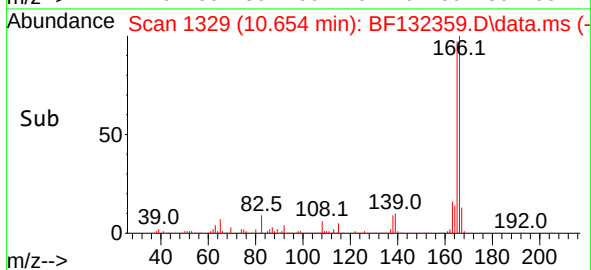
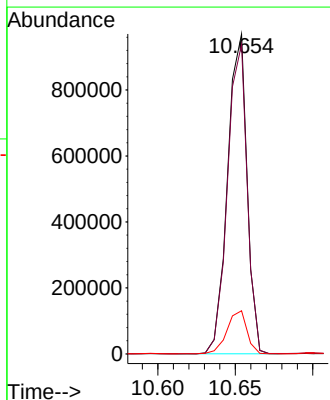
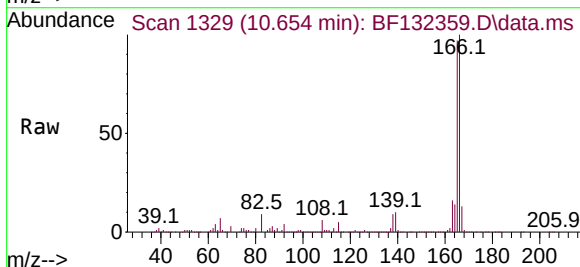
Manual Integrations
APPROVED

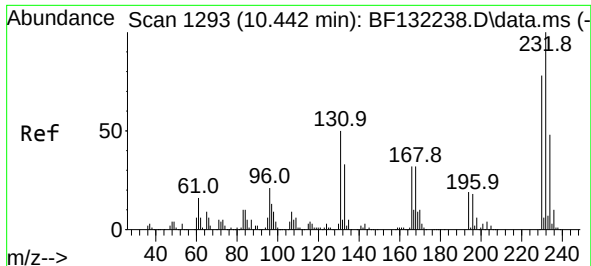
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#58
Fluorene
Concen: 45.913 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

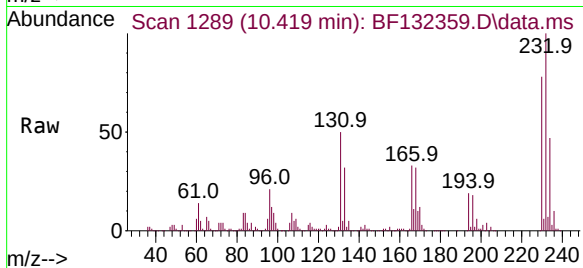
Tgt Ion:166 Resp: 848049
Ion Ratio Lower Upper
166 100
165 96.7 78.0 117.0
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.670 ng
RT: 10.419 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

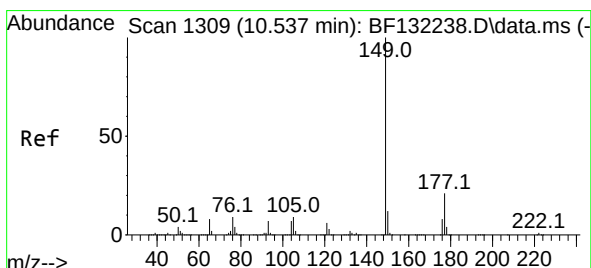
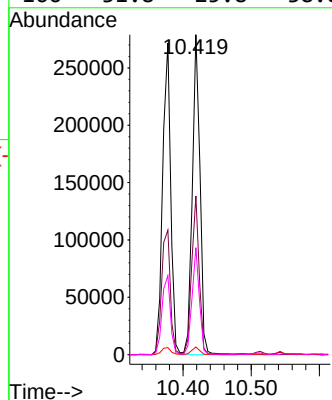
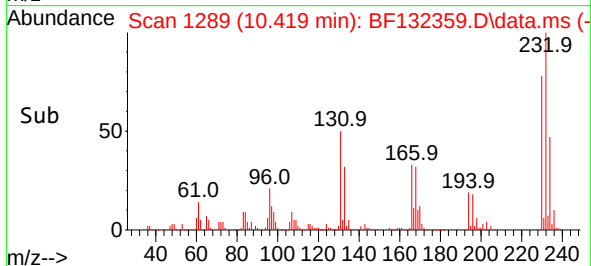
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



Tgt Ion:232 Resp: 219475
Ion Ratio Lower Upper
232 100
131 48.0 40.6 61.0
130 2.5 1.9 2.9
166 31.8 25.8 38.8

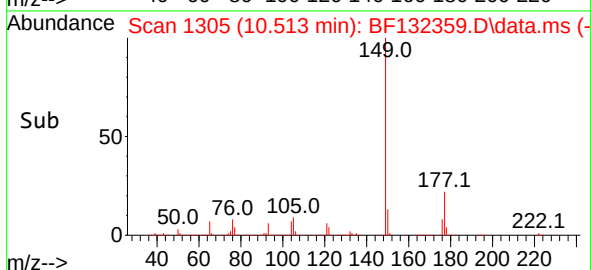
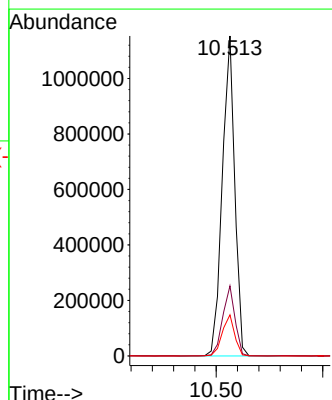
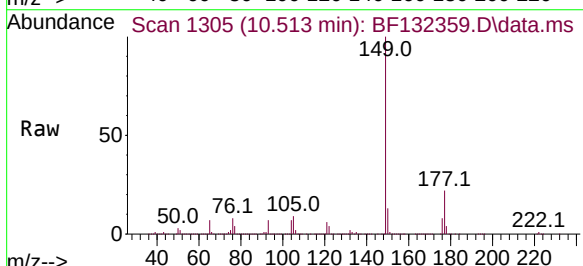
Manual Integrations
APPROVED

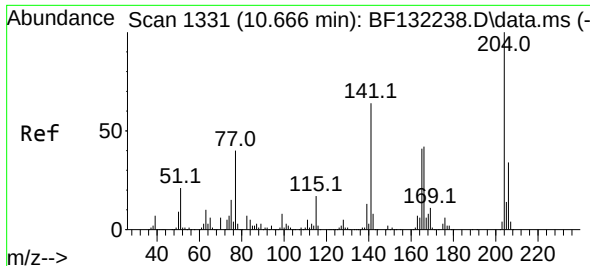
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#60
Diethylphthalate
Concen: 47.385 ng
RT: 10.513 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

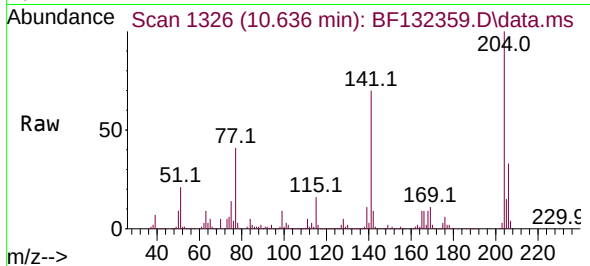
Tgt Ion:149 Resp: 938793
Ion Ratio Lower Upper
149 100
177 21.9 17.1 25.7
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 46.189 ng
RT: 10.636 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

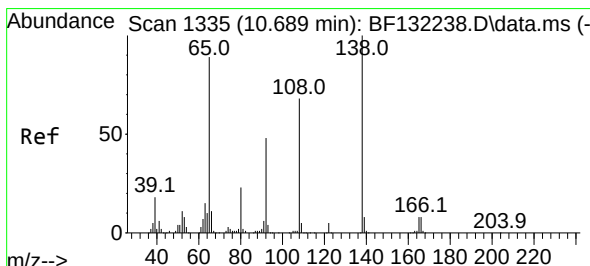
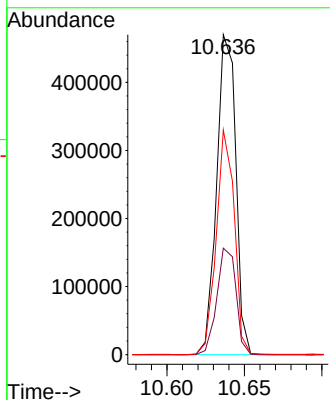
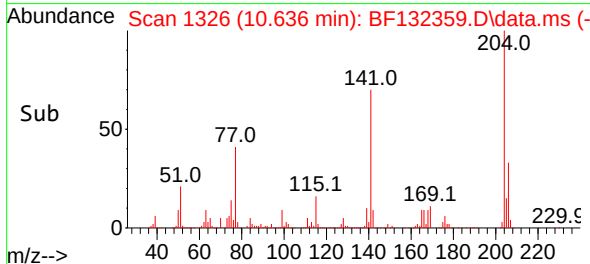
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



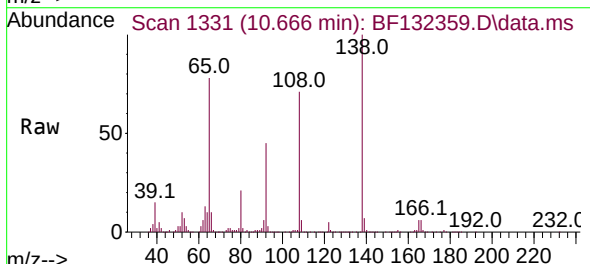
Tgt Ion:204 Resp: 404888
Ion Ratio Lower Upper
204 100
206 33.3 26.8 40.2
141 70.2 51.4 77.0

Manual Integrations
APPROVED

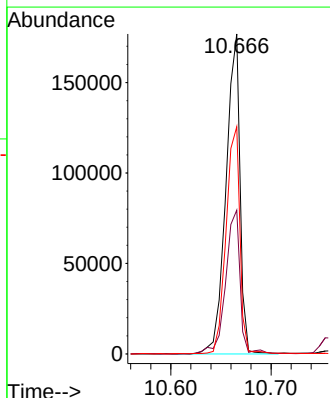
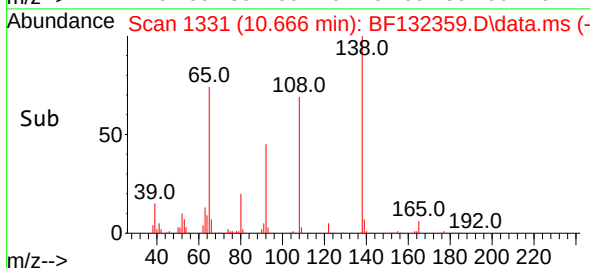
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

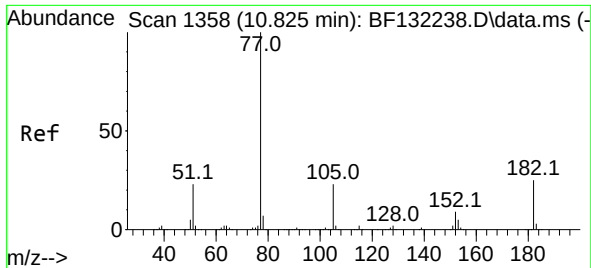


#62
4-Nitroaniline
Concen: 33.383 ng
RT: 10.666 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20



Tgt Ion:138 Resp: 172672
Ion Ratio Lower Upper
138 100
92 44.9 27.7 67.7
108 71.0 48.5 88.5





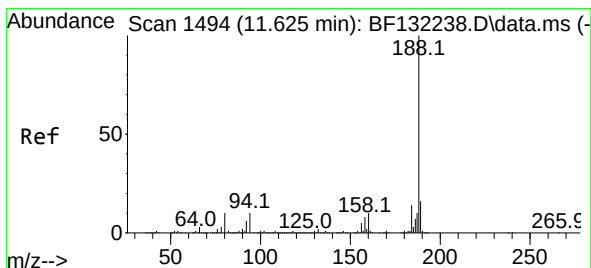
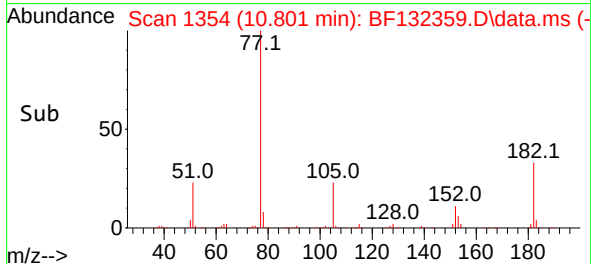
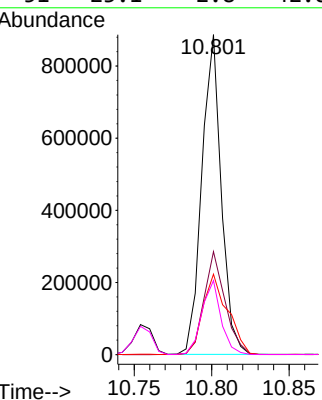
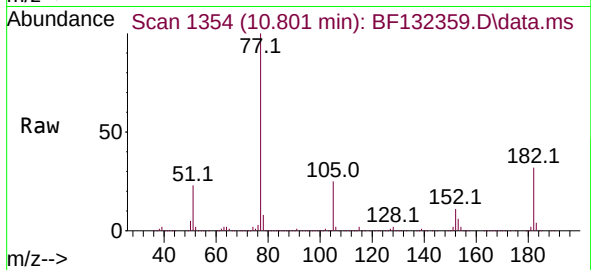
#63
Azobenzene
Concen: 40.077 ng
RT: 10.801 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD

Tgt Ion: 77 Resp: 77342
Ion Ratio Lower Upper
77 100
182 32.2 4.5 44.5
105 25.1 2.7 42.7
51 23.1 2.8 42.8

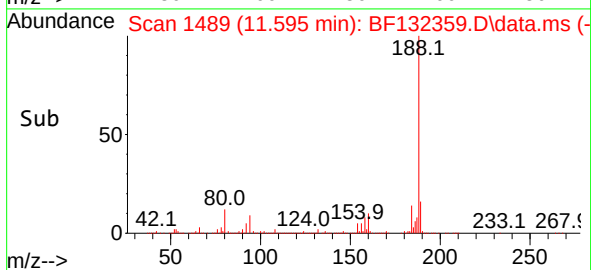
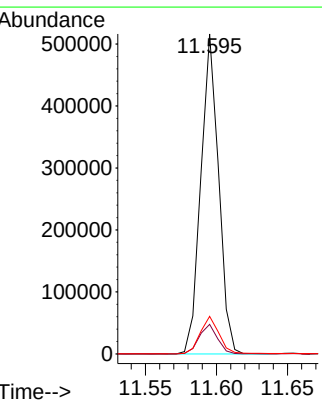
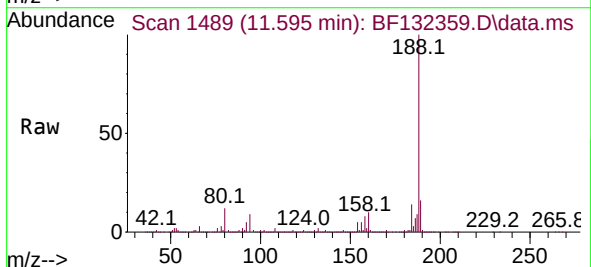
Manual Integrations
APPROVED

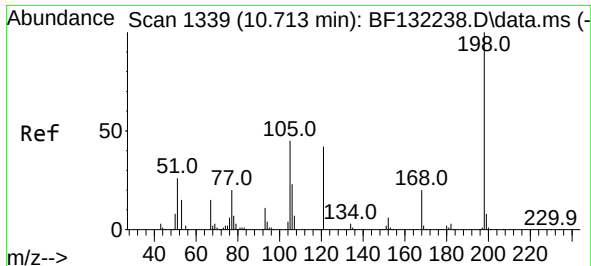
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.595 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

Tgt Ion:188 Resp: 449317
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 11.7 8.3 12.5





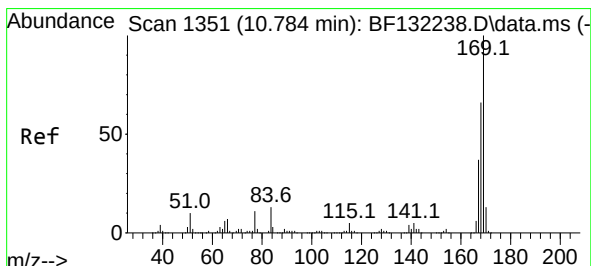
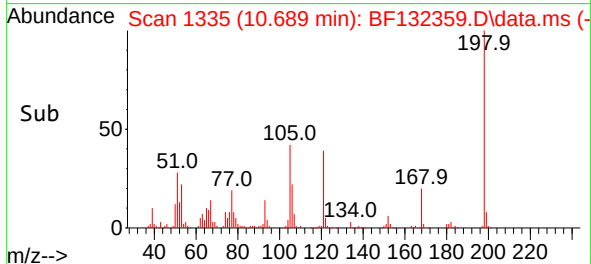
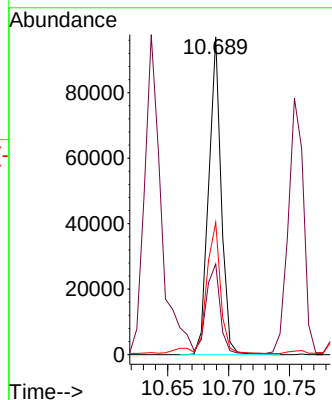
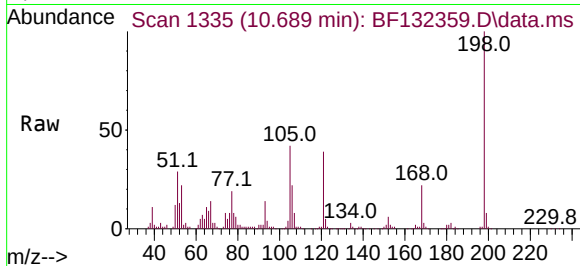
#65
4,6-Dinitro-2-methylphenol
Concen: 27.208 ng
RT: 10.689 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD

Tgt Ion:198 Resp: 69383
Ion Ratio Lower Upper
198 100
51 28.5 13.1 53.1
105 41.6 26.0 66.0

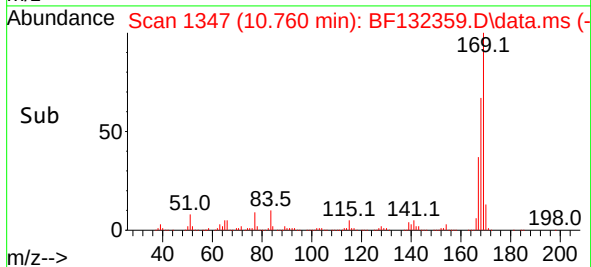
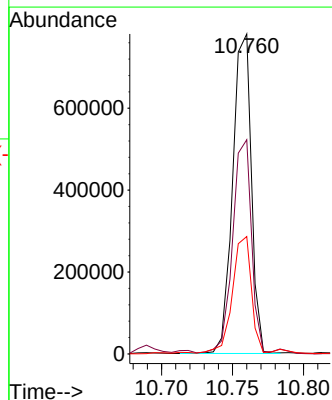
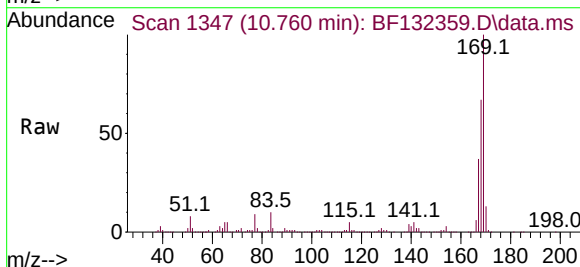
Manual Integrations
APPROVED

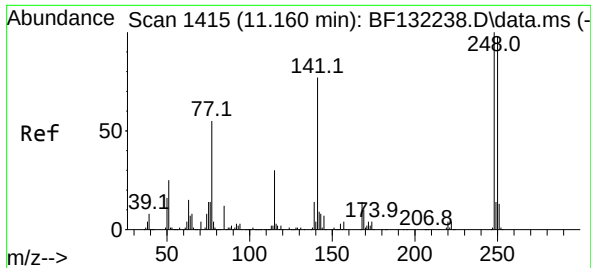
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#66
n-Nitrosodiphenylamine
Concen: 50.504 ng
RT: 10.760 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

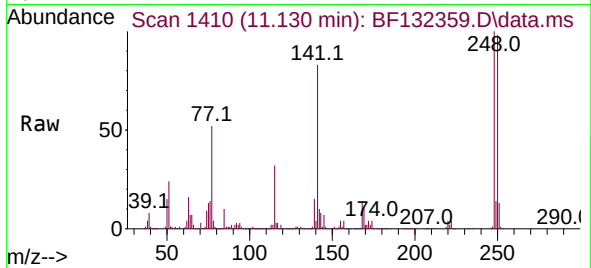
Tgt Ion:169 Resp: 710571
Ion Ratio Lower Upper
169 100
168 66.9 52.6 79.0
167 36.7 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 53.761 ng
RT: 11.130 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

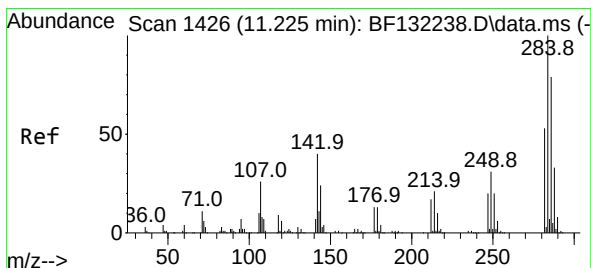
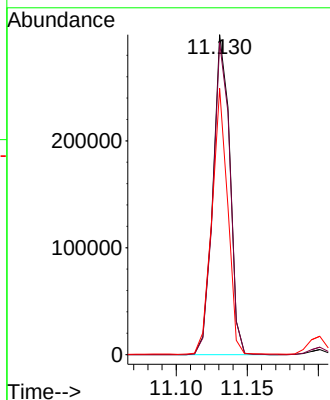
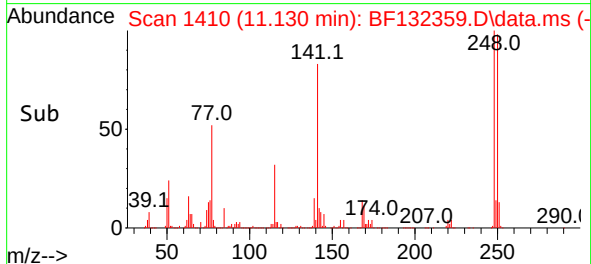
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



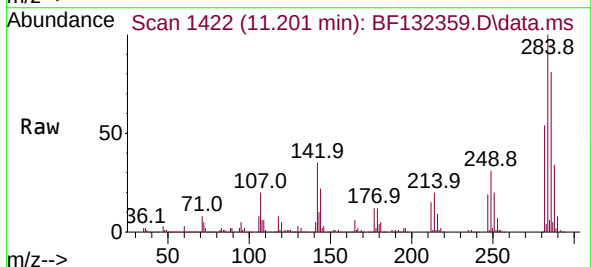
Tgt Ion:248 Resp: 247355
Ion Ratio Lower Upper
248 100
250 97.5 78.6 117.8
141 83.2 61.6 92.4

Manual Integrations
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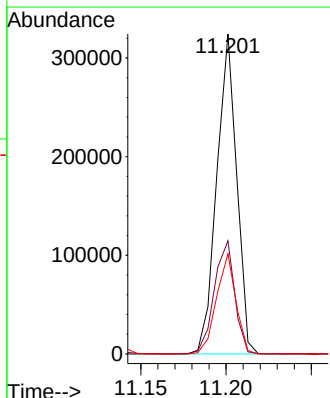
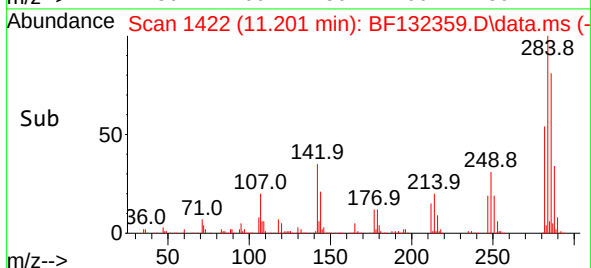
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

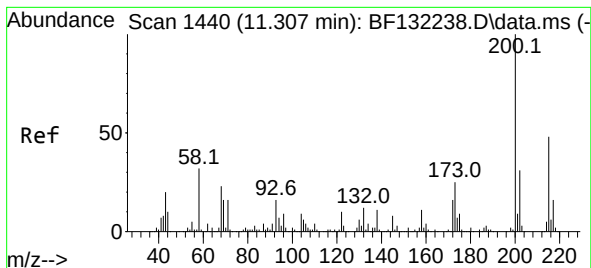


#68
Hexachlorobenzene
Concen: 53.549 ng
RT: 11.201 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20



Tgt Ion:284 Resp: 263338
Ion Ratio Lower Upper
284 100
142 35.3 32.2 48.4
249 31.3 25.0 37.6





#69

Atrazine

Concen: 55.598 ng

RT: 11.283 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF132359.D

Acq: 08 Feb 2023 16:20

Instrument :

BNA_F

ClientSampleId :

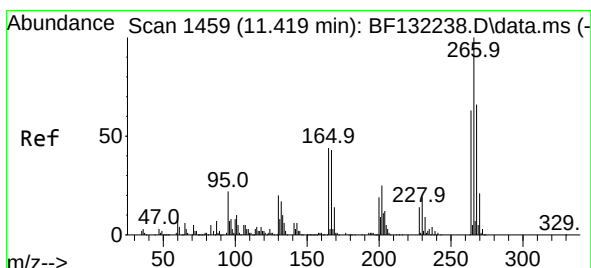
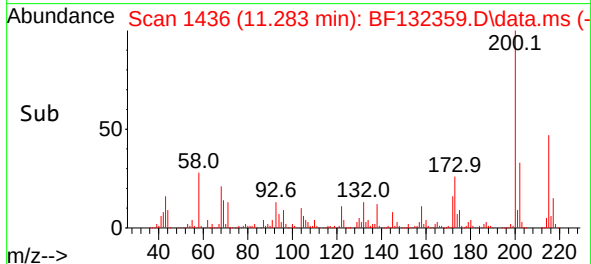
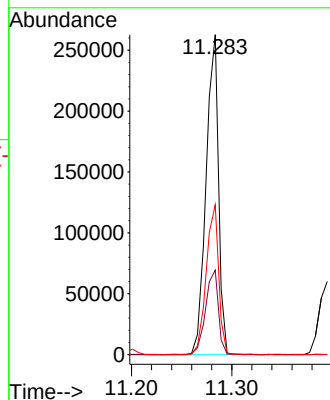
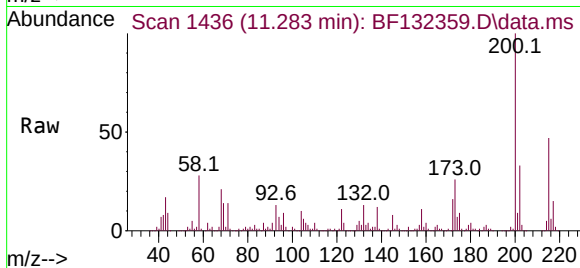
JPP-39-020723MSD

Tgt Ion:200 Resp: 225002
 Ion Ratio Lower Upper
 200 100
 173 26.4 5.1 45.1
 215 46.8 27.6 67.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/09/2023
 Supervised By :Jagrut Upadhyay 02/09/2023



#70

Pentachlorophenol

Concen: 78.248 ng

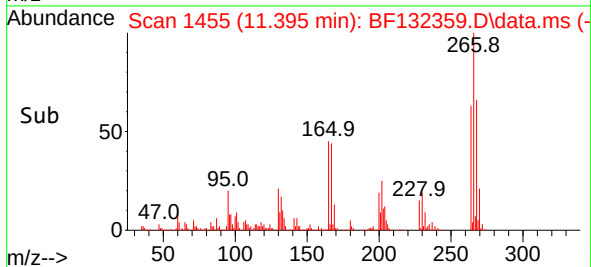
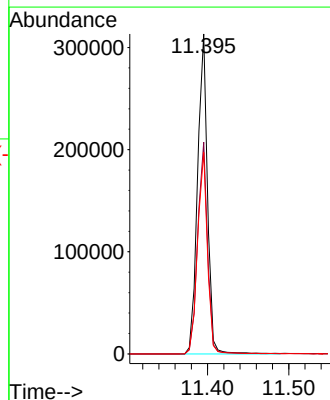
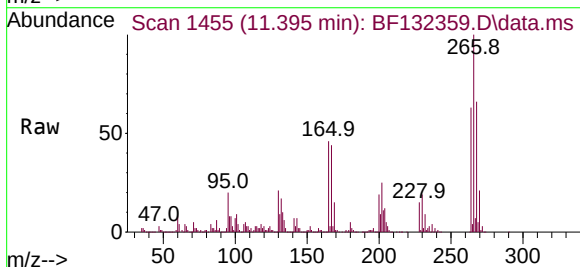
RT: 11.395 min Scan# 1455

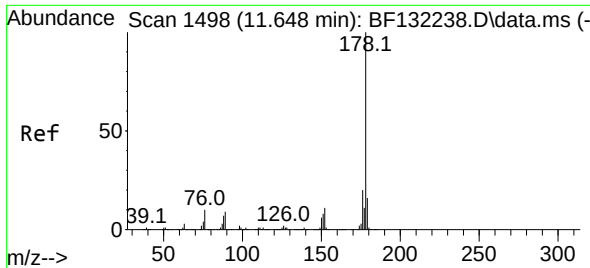
Delta R.T. 0.006 min

Lab File: BF132359.D

Acq: 08 Feb 2023 16:20

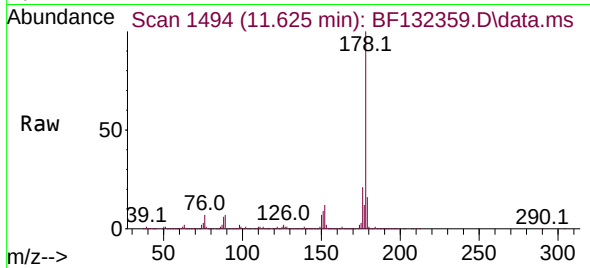
Tgt Ion:266 Resp: 264392
 Ion Ratio Lower Upper
 266 100
 268 66.2 53.0 79.4
 264 63.0 50.5 75.7





#71
Phenanthrene
Concen: 73.165 ng
RT: 11.625 min Scan# 1494
Delta R.T. 0.006 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

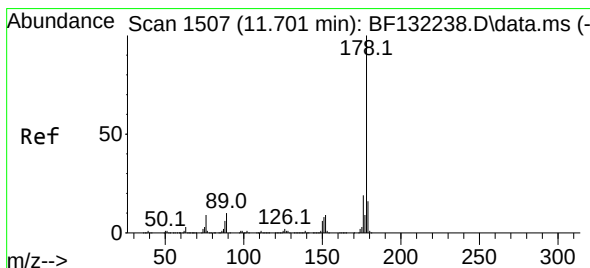
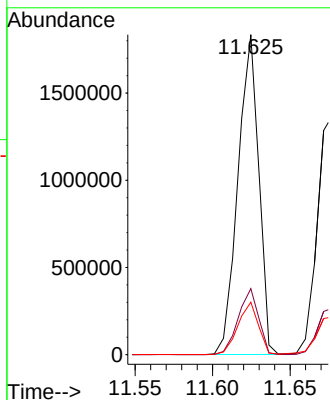
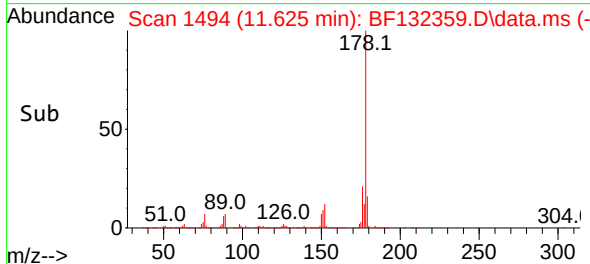
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



Tgt Ion:178 Resp: 1717863
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.4 12.8 19.2

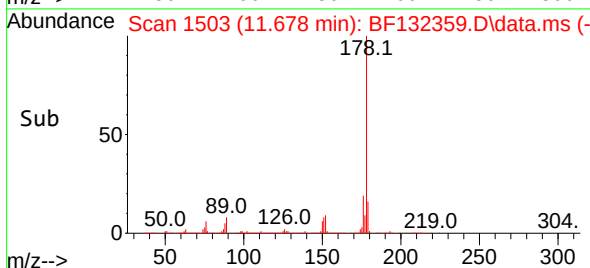
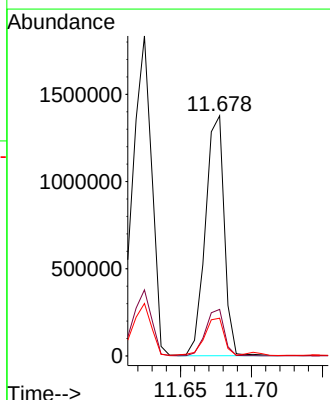
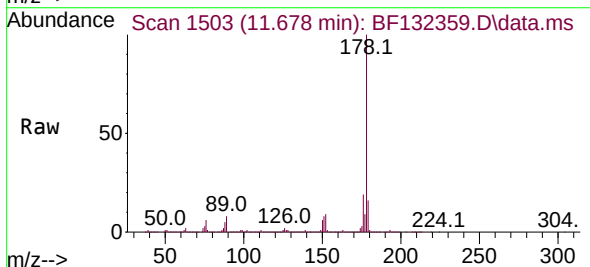
Manual Integrations
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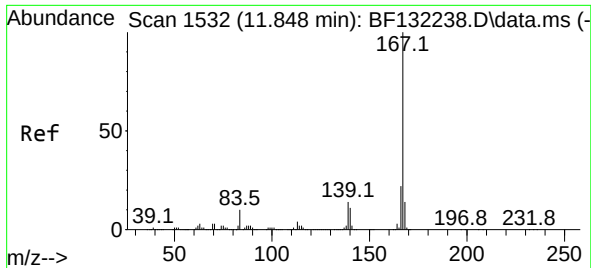
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#72
Anthracene
Concen: 53.119 ng
RT: 11.678 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

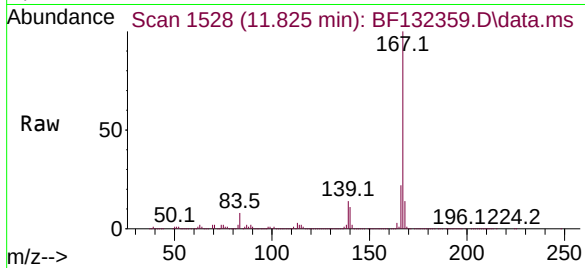
Tgt Ion:178 Resp: 1269261
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.7 12.8 19.2





#73
 Carbazole
 Concen: 44.327 ng
 RT: 11.825 min Scan# 1528
 Delta R.T. 0.000 min
 Lab File: BF132359.D
 Acq: 08 Feb 2023 16:20

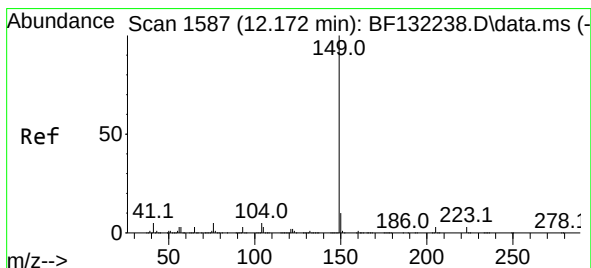
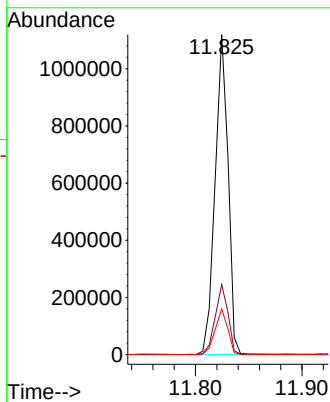
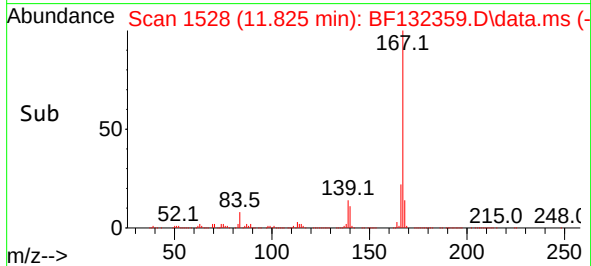
Instrument :
 BNA_F
 ClientSampleId :
 JPP-39-020723MSD



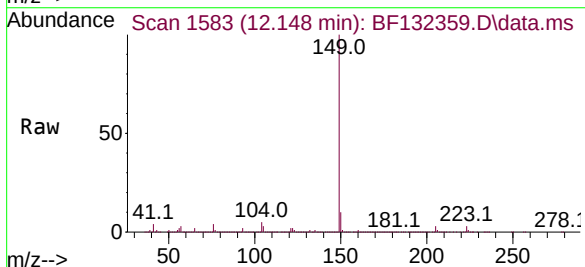
Tgt Ion:167 Resp: 949722
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 14.3 11.4 17.2

Manual Integrations
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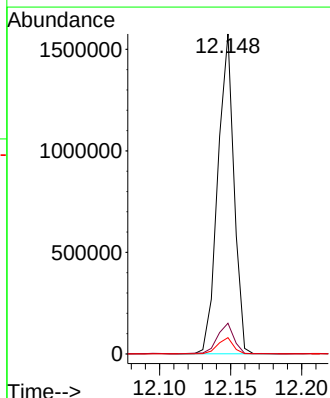
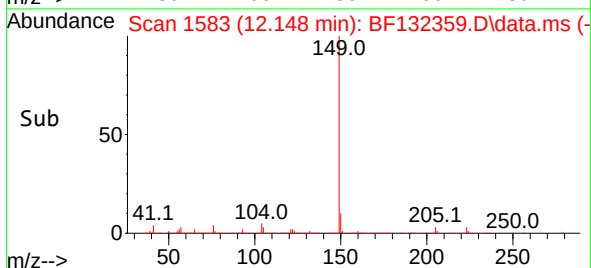
Reviewed By :Christian Giraldo 02/09/2023
 Supervised By :Jagrut Upadhyay 02/09/2023

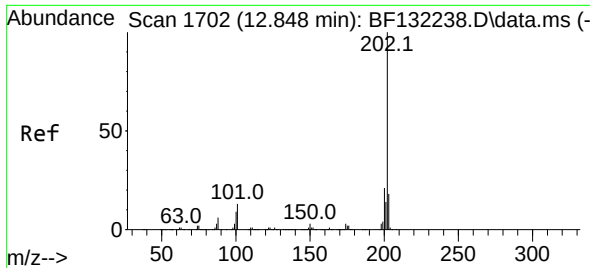


#74
 Di-n-butylphthalate
 Concen: 49.433 ng
 RT: 12.148 min Scan# 1583
 Delta R.T. 0.000 min
 Lab File: BF132359.D
 Acq: 08 Feb 2023 16:20



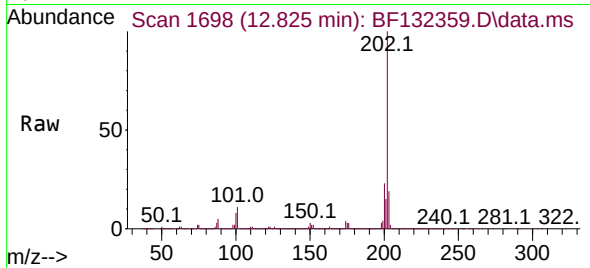
Tgt Ion:149 Resp: 1252116
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 5.1 4.3 6.5





#75
Fluoranthene
Concen: 90.246 ng
RT: 12.825 min Scan# 1698
Delta R.T. 0.006 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

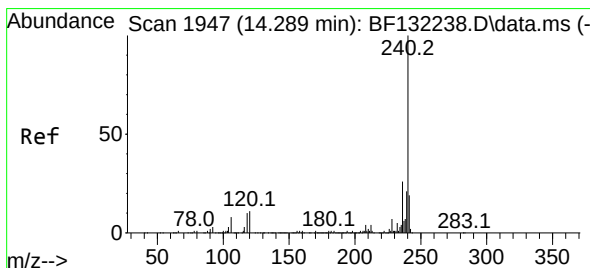
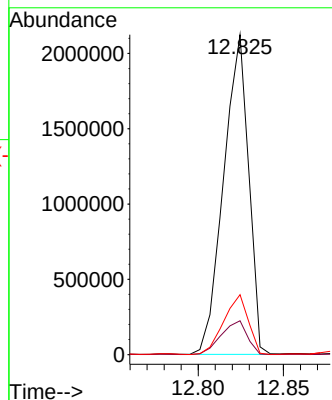
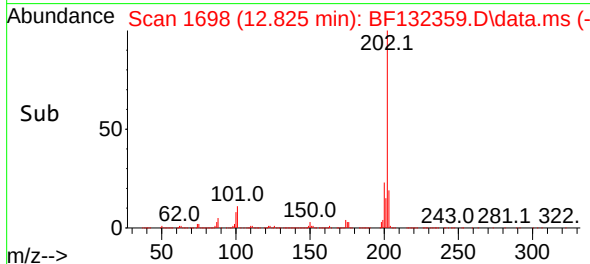
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



Tgt Ion:202 Resp: 2162315
Ion Ratio Lower Upper
202 100
101 10.6 0.0 32.7
203 18.7 0.0 37.9

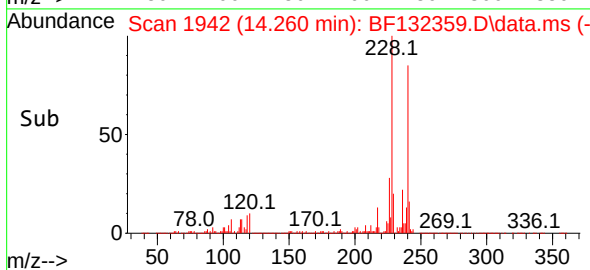
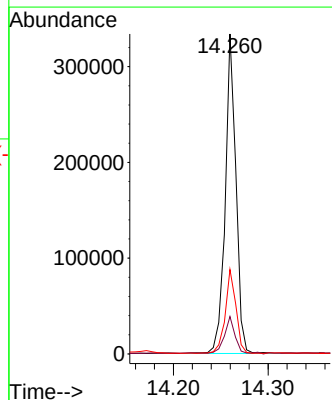
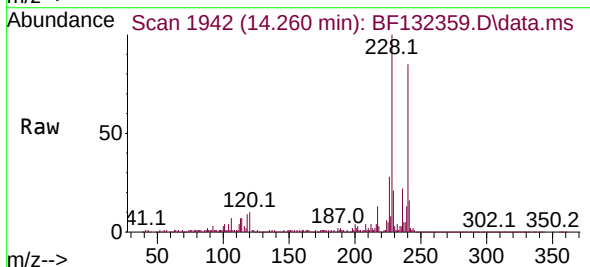
Manual Integrations
APPROVED

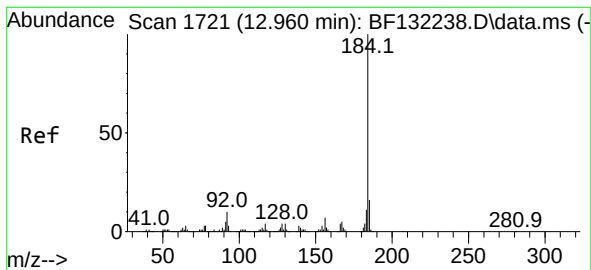
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.260 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

Tgt Ion:240 Resp: 261145
Ion Ratio Lower Upper
240 100
120 11.7 8.8 13.2
236 26.4 21.0 31.6





#77

Benzidine

Concen: 40.344 ng

RT: 12.936 min Scan# 1717

Delta R.T. 0.006 min

Lab File: BF132359.D

Acq: 08 Feb 2023 16:20

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MSD

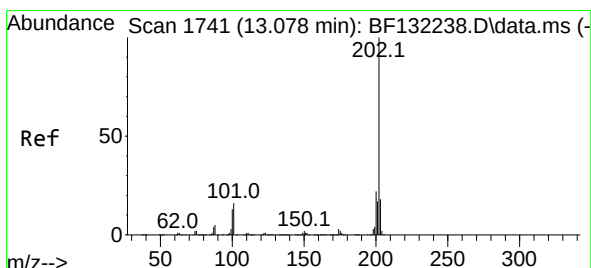
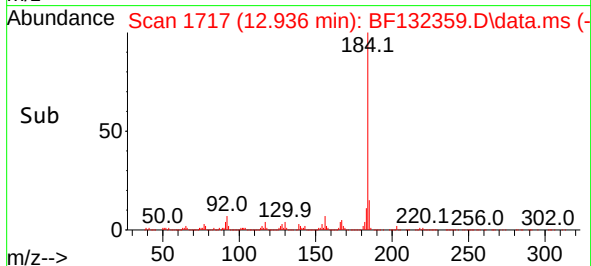
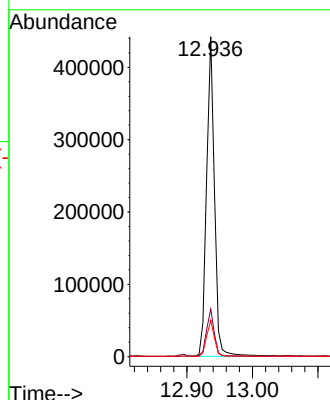
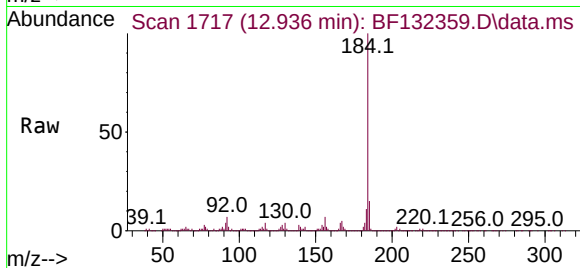
Tgt Ion:184 Resp: 368340

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	11.3	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#78

Pyrene

Concen: 97.880 ng

RT: 13.060 min Scan# 1738

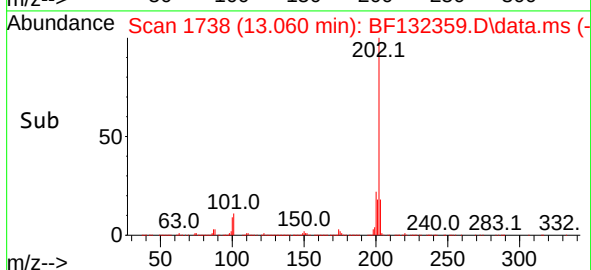
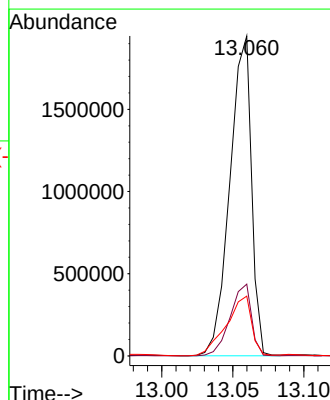
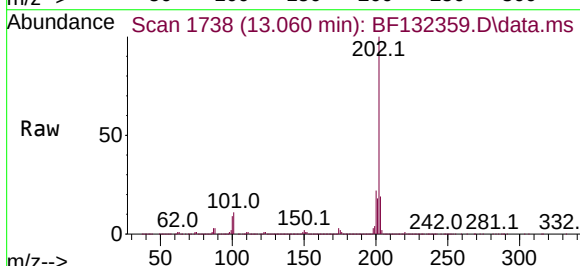
Delta R.T. 0.006 min

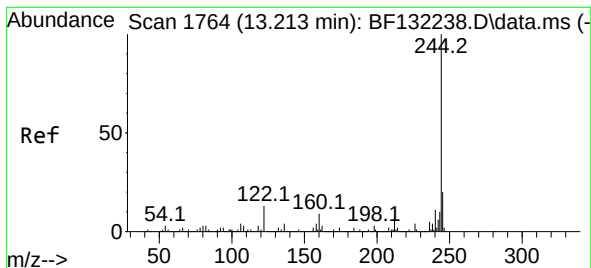
Lab File: BF132359.D

Acq: 08 Feb 2023 16:20

Tgt Ion:202 Resp: 2055874

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.3	25.9
203	18.7	14.4	21.6





#79

Terphenyl-d14

Concen: 67.700 ng

RT: 13.183 min Scan# 1764

Delta R.T. -0.006 min

Lab File: BF132359.D

Acq: 08 Feb 2023 16:20

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MSD

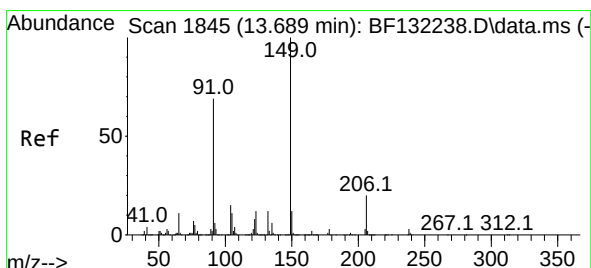
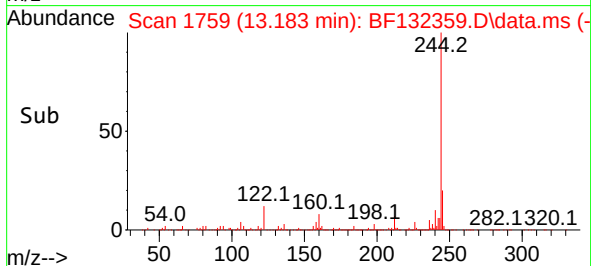
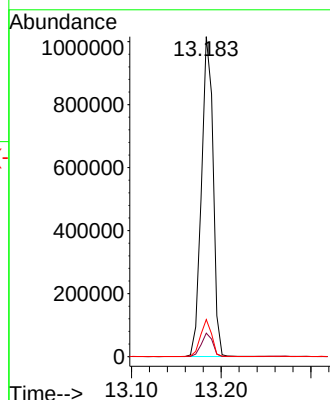
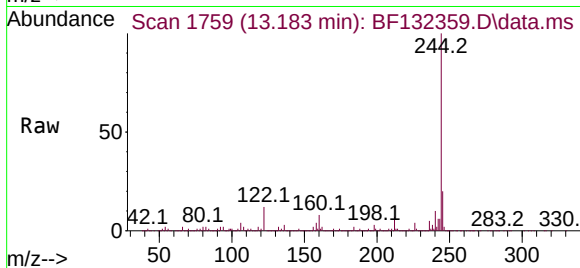
Tgt Ion:244 Resp: 91394

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	11.6	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#80

Butylbenzylphthalate

Concen: 49.398 ng

RT: 13.660 min Scan# 1840

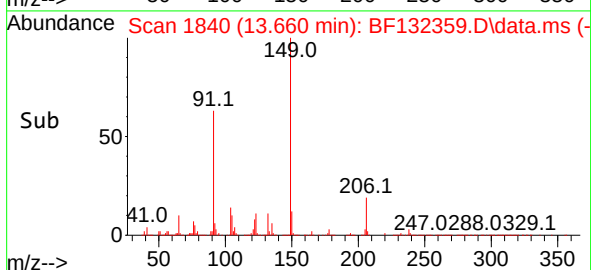
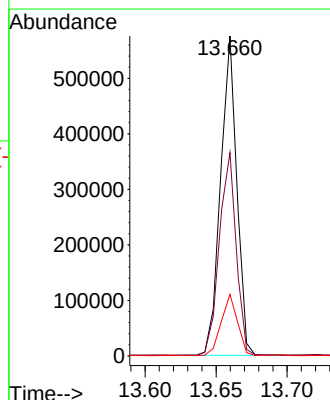
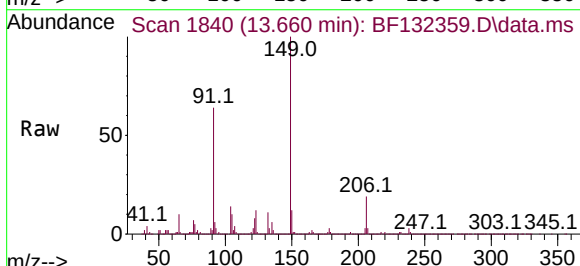
Delta R.T. 0.000 min

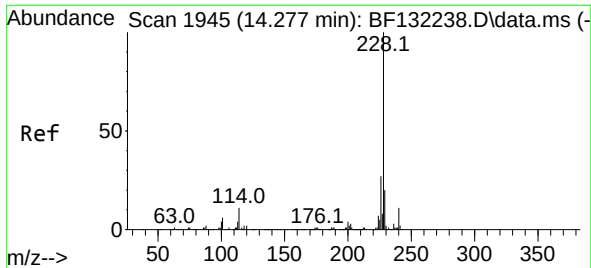
Lab File: BF132359.D

Acq: 08 Feb 2023 16:20

Tgt Ion:149 Resp: 458411

Ion	Ratio	Lower	Upper
149	100		
91	63.5	55.0	82.6
206	19.2	15.9	23.9





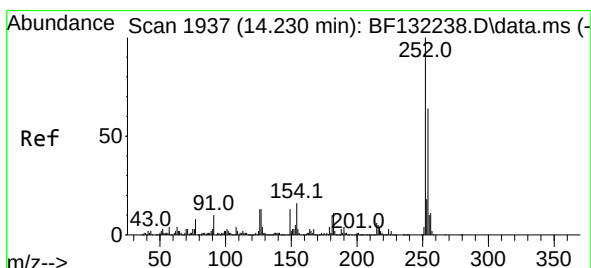
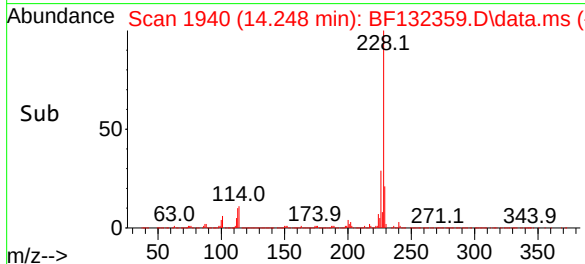
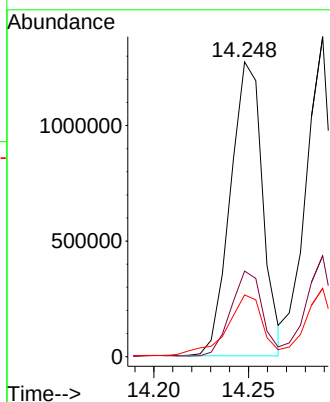
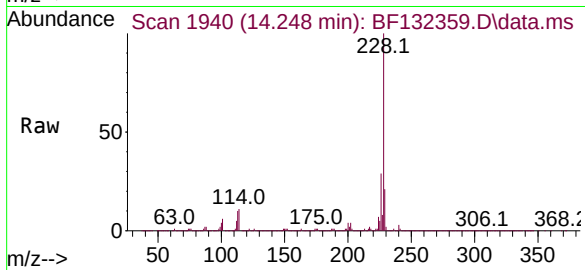
#81
Benzo(a)anthracene
Concen: 82.509 ng
RT: 14.248 min Scan# 1945
Delta R.T. 0.006 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD

Tgt Ion:228 Resp: 1507019
Ion Ratio Lower Upper
228 100
226 29.0 22.0 33.0
229 20.9 15.8 23.6

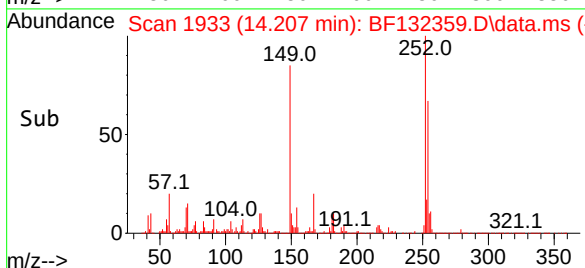
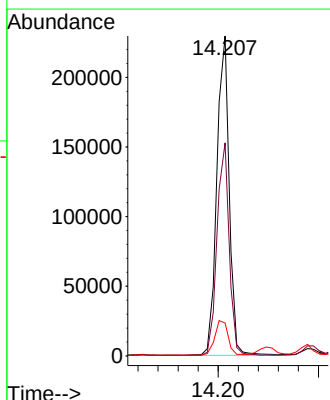
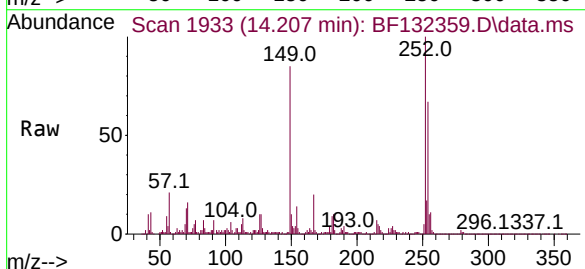
Manual Integrations
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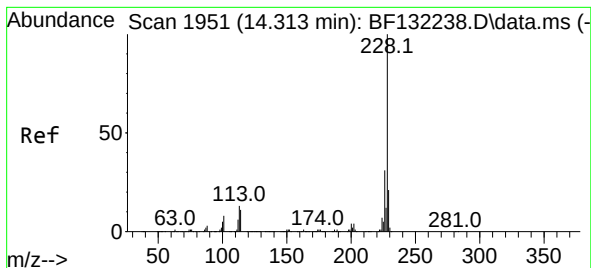
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#82
3,3'-Dichlorobenzidine
Concen: 33.781 ng
RT: 14.207 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

Tgt Ion:252 Resp: 196517
Ion Ratio Lower Upper
252 100
254 66.6 51.6 77.4
126 10.3 10.5 15.7#





#83

Chrysene

Concen: 75.993 ng

RT: 14.289 min Scan# 1951

Delta R.T. 0.006 min

Lab File: BF132359.D

Acq: 08 Feb 2023 16:20

Instrument :

BNA_F

ClientSampleId :

JPP-39-020723MSD

Tgt Ion:228 Resp: 1299693

Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

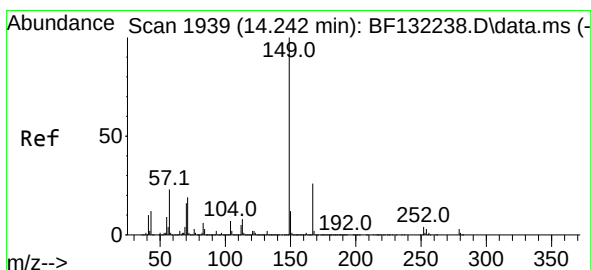
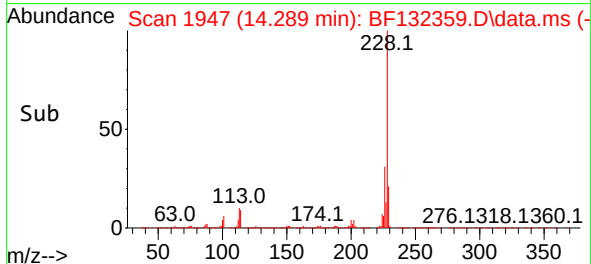
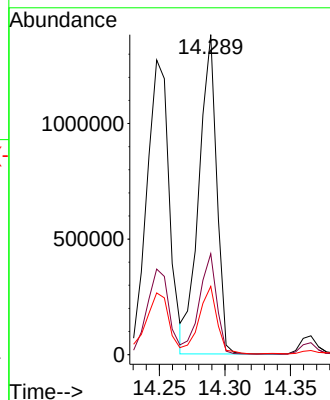
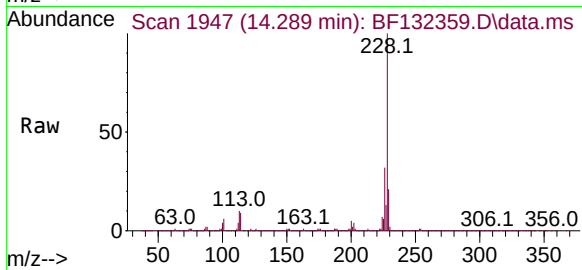
229 21.3 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2023

Supervised By :Jagrut Upadhyay 02/09/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.397 ng

RT: 14.219 min Scan# 1935

Delta R.T. 0.006 min

Lab File: BF132359.D

Acq: 08 Feb 2023 16:20

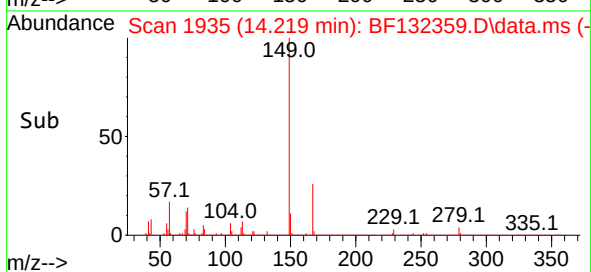
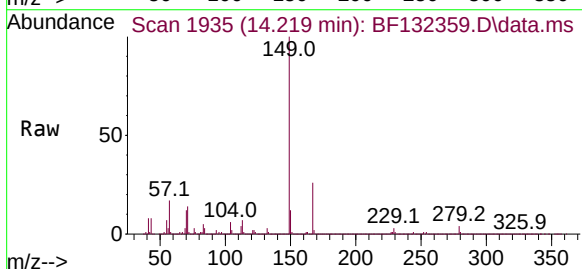
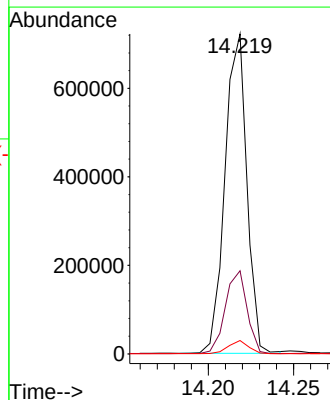
Tgt Ion:149 Resp: 644695

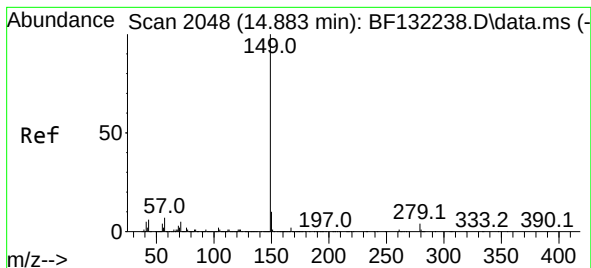
Ion Ratio Lower Upper

149 100

167 26.0 20.7 31.1

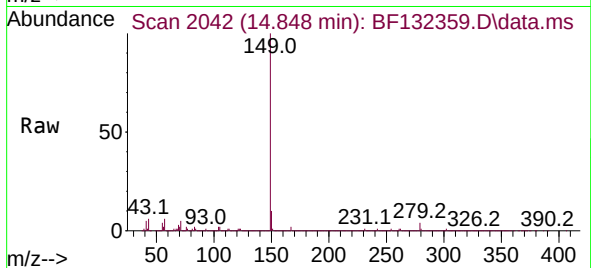
279 4.2 2.7 4.1#





#85
Di-n-octyl phthalate
Concen: 51.694 ng
RT: 14.848 min Scan# 2042
Delta R.T. 0.006 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

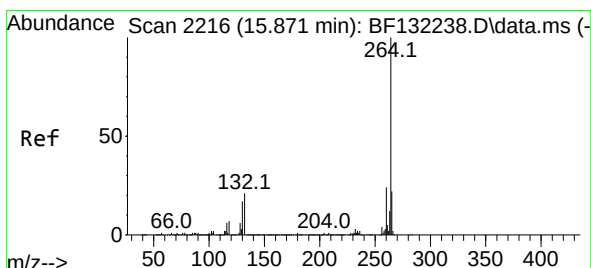
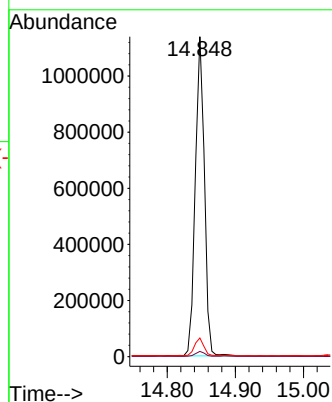
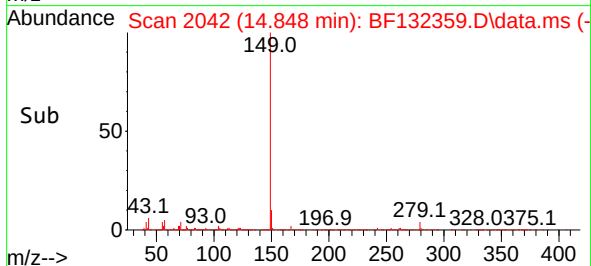
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



Tgt Ion:149 Resp: 1057613
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 5.7 5.9 8.9

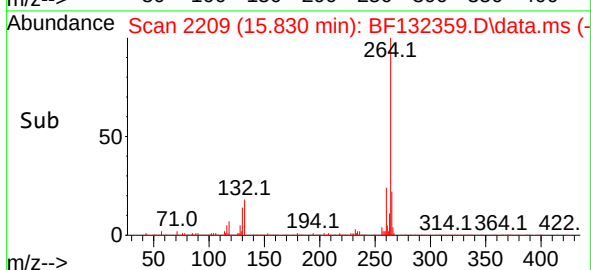
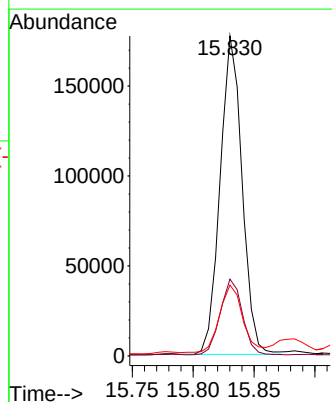
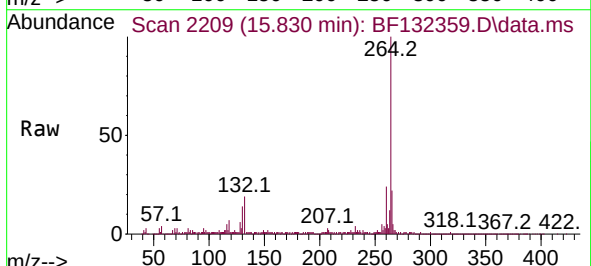
Manual Integrations
APPROVED

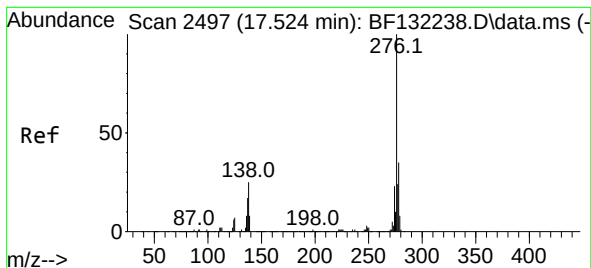
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.830 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

Tgt Ion:264 Resp: 222218
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 22.1 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 59.101 ng

RT: 17.471 min Scan# 2497

Delta R.T. 0.018 min

Lab File: BF132359.D

Acq: 08 Feb 2023 16:20

Instrument :

BNA_F

ClientSampleId :

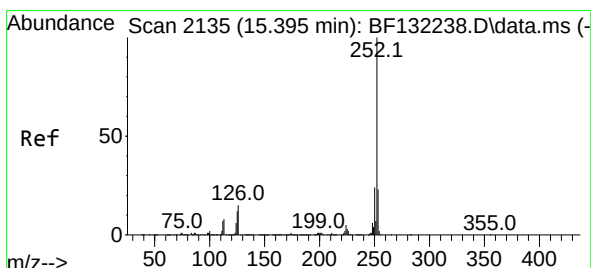
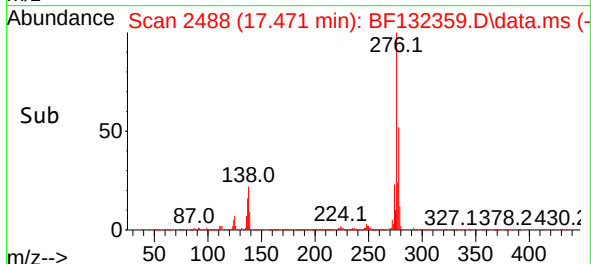
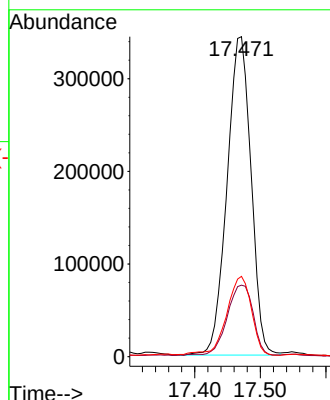
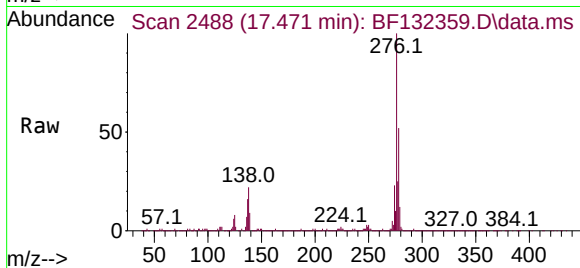
JPP-39-020723MSD

Tgt Ion:276 Resp: 872662
 Ion Ratio Lower Upper
 276 100
 138 23.8 23.3 34.9
 277 25.7 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2023
 Supervised By :Jagrut Upadhyay 02/09/2023



#88

Benzo(b)fluoranthene

Concen: 91.773 ng

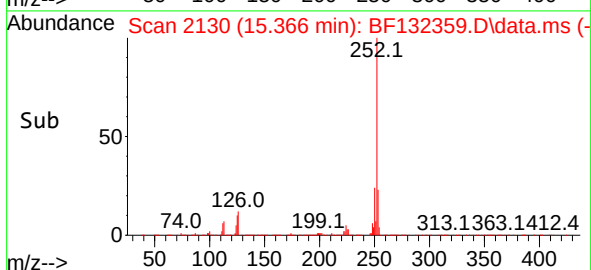
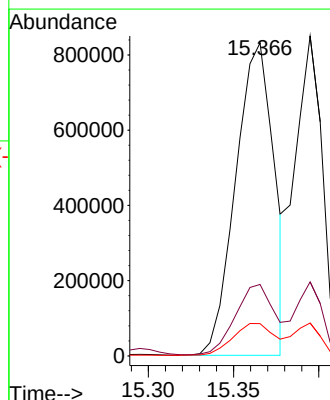
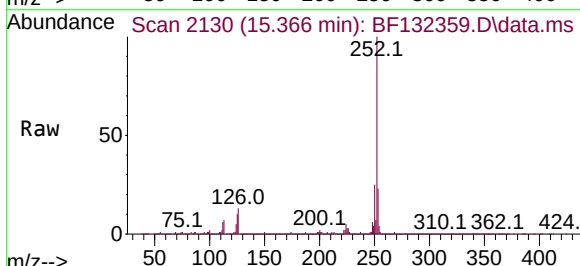
RT: 15.366 min Scan# 2130

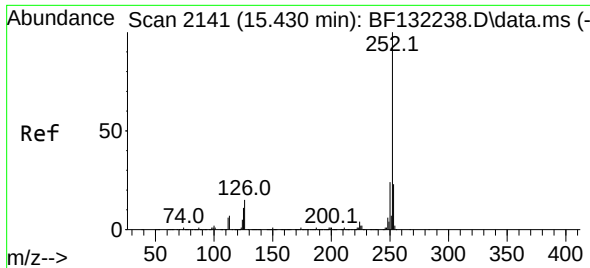
Delta R.T. 0.012 min

Lab File: BF132359.D

Acq: 08 Feb 2023 16:20

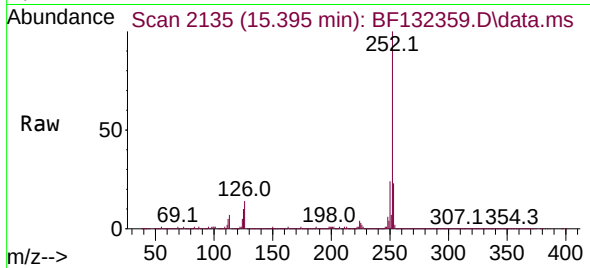
Tgt Ion:252 Resp: 1296308
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.1 27.1
 125 10.3 9.6 14.4





#89
Benzo(k)fluoranthene
Concen: 70.547 ng
RT: 15.395 min Scan# 2113
Delta R.T. 0.006 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

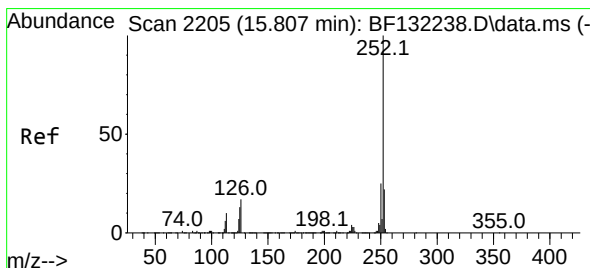
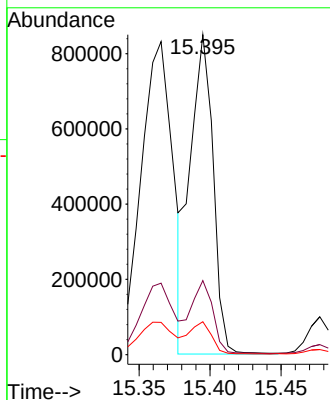
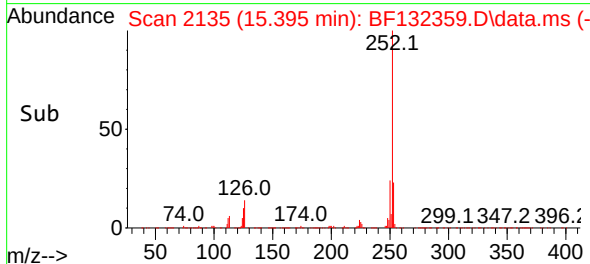
Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD



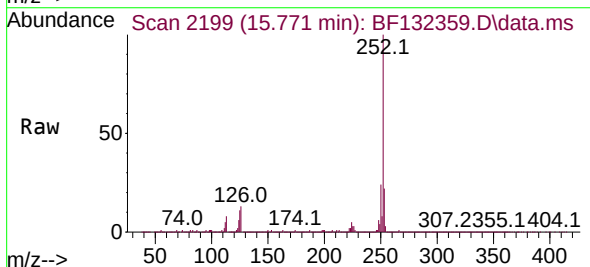
Tgt Ion:252 Resp: 951176
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 10.3 9.0 13.6

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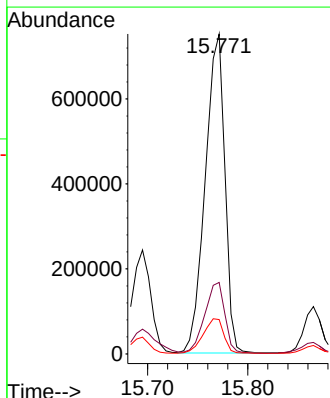
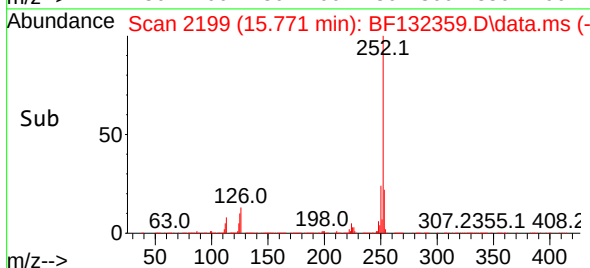
Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023

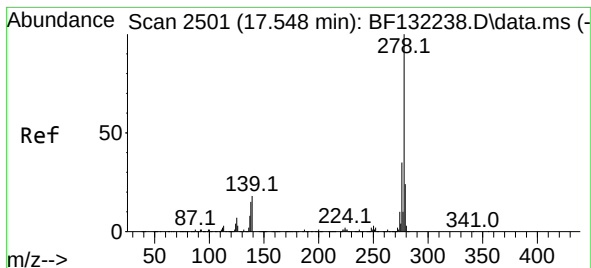


#90
Benzo(a)pyrene
Concen: 77.490 ng
RT: 15.771 min Scan# 2199
Delta R.T. 0.012 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20



Tgt Ion:252 Resp: 1019253
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.7 10.2 15.4





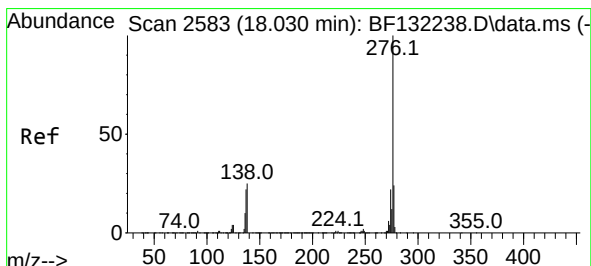
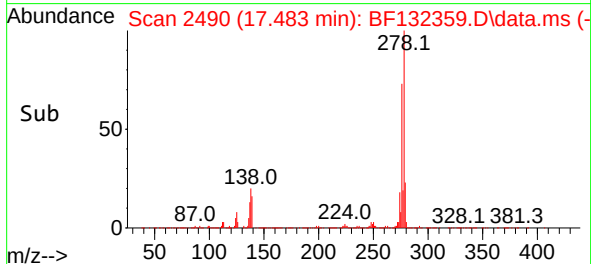
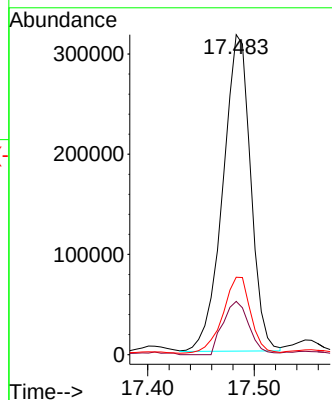
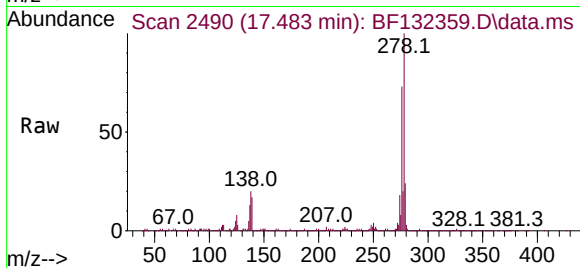
#91
Dibenzo(a,h)anthracene
Concen: 48.239 ng
RT: 17.483 min Scan# 2490
Delta R.T. 0.012 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

Instrument :
BNA_F
ClientSampleId :
JPP-39-020723MSD

Tgt Ion:278 Resp: 572658
Ion Ratio Lower Upper
278 100
139 16.6 14.2 21.2
279 24.2 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/09/2023
Supervised By :Jagrut Upadhyay 02/09/2023



#92
Benzo(g,h,i)perylene
Concen: 60.027 ng
RT: 17.965 min Scan# 2572
Delta R.T. 0.012 min
Lab File: BF132359.D
Acq: 08 Feb 2023 16:20

Tgt Ion:276 Resp: 736183
Ion Ratio Lower Upper
276 100
277 23.2 19.4 29.2
138 22.0 20.3 30.5

