

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132288.D
 Acq On : 02 Feb 2023 12:50
 Operator : CG\JU
 Sample : 01358-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-11-012723MS

Quant Time: Feb 03 00:20:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	193759	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	734624	20.000	ng	0.00
39) Acenaphthene-d10	10.124	164	361825	20.000	ng	0.00
64) Phenanthrene-d10	11.618	188	614781	20.000	ng	0.00
76) Chrysene-d12	14.283	240	300689	20.000	ng	0.00
86) Perylene-d12	15.871	264	362353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	1316384	109.205	ng	0.03
7) Phenol-d6	6.689	99	1535646	103.333	ng	0.00
23) Nitrobenzene-d5	7.636	82	1069722	81.031	ng	0.00
42) 2,4,6-Tribromophenol	10.919	330	512530	137.745	ng	0.00
45) 2-Fluorobiphenyl	9.436	172	1847910	78.868	ng	0.00
79) Terphenyl-d14	13.213	244	1672319	107.584	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.213	88	206199	36.354	ng	96
3) Pyridine	3.884	79	490373	31.869	ng	98
4) n-Nitrosodimethylamine	3.825	42	184939	37.561	ng	99
6) Aniline	6.731	93	237329	11.769	ng	95
8) 2-Chlorophenol	6.854	128	580282	46.480	ng	97
9) Benzaldehyde	6.625	77	266056	29.333	ng	97
10) Phenol	6.701	94	560381	36.431	ng	99
11) bis(2-Chloroethyl)ether	6.801	93	555452	43.877	ng	96
12) 1,3-Dichlorobenzene	7.013	146	557535	42.224	ng	98
13) 1,4-Dichlorobenzene	7.089	146	557656	42.309	ng	98
14) 1,2-Dichlorobenzene	7.242	146	541516	44.054	ng	97
15) Benzyl Alcohol	7.207	79	453583	41.829	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.336	45	536924	40.256	ng	96
17) 2-Methylphenol	7.307	107	443948	40.623	ng	100
18) Hexachloroethane	7.583	117	207868	42.040	ng	99
19) n-Nitroso-di-n-propyla...	7.478	70	322554	38.211	ng	96
20) 3+4-Methylphenols	7.460	107	542566	38.898	ng	96
22) Acetophenone	7.478	105	727815	42.128	ng	98
24) Nitrobenzene	7.654	77	541153	40.125	ng	97
25) Isophorone	7.889	82	1023639	40.853	ng	96
26) 2-Nitrophenol	7.966	139	313179	47.673	ng	96
27) 2,4-Dimethylphenol	7.995	122	501025	43.573	ng	99
28) bis(2-Chloroethoxy)met...	8.095	93	648479	42.115	ng	99
29) 2,4-Dichlorophenol	8.207	162	457311	44.796	ng	99
30) 1,2,4-Trichlorobenzene	8.295	180	482917	44.174	ng	98
31) Naphthalene	8.378	128	1487309	41.131	ng	99
32) Benzoic acid	8.089	122	256408	30.125	ng	95
33) 4-Chloroaniline	8.419	127	54505	3.399	ng	97
34) Hexachlorobutadiene	8.489	225	277316	45.123	ng	100
35) Caprolactam	8.795	113	89847	25.816	ng	93
36) 4-Chloro-3-methylphenol	8.895	107	479210	43.572	ng	99
37) 2-Methylnaphthalene	9.072	142	1008139	41.159	ng	100
38) 1-Methylnaphthalene	9.172	142	940119	41.302	ng	99
40) 1,2,4,5-Tetrachloroben...	9.236	216	463846	45.555	ng	99
41) Hexachlorocyclopentadiene	9.225	237	583711	98.258	ng	100
43) 2,4,6-Trichlorophenol	9.348	196	333354	45.800	ng	97

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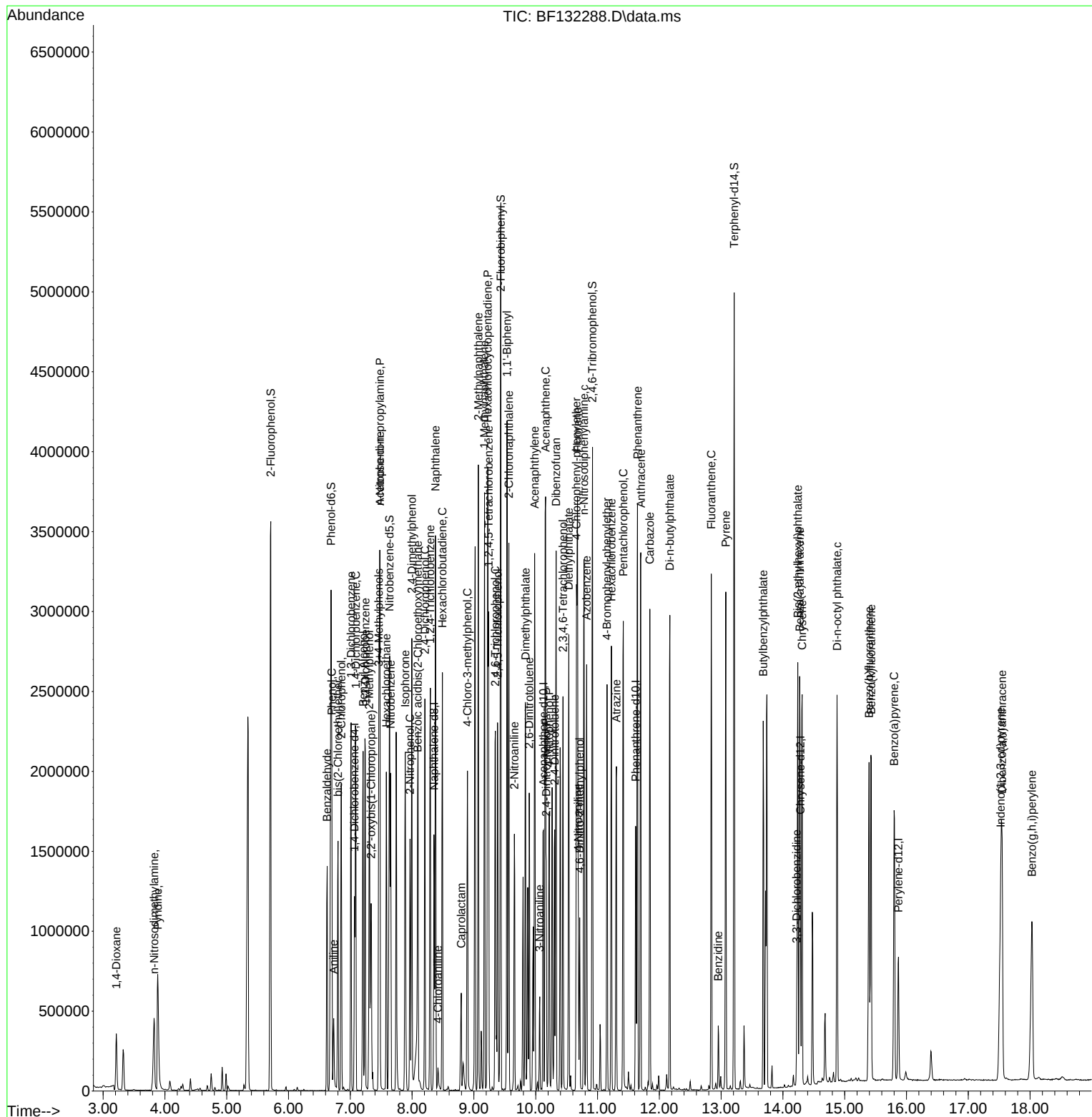
Instrument :
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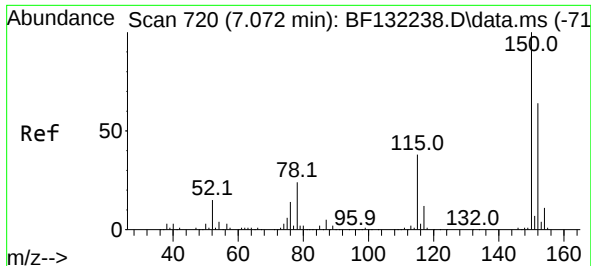
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.383	196	355977	42.492	ng	98
46) 1,1'-Biphenyl	9.536	154	1210670	43.401	ng	98
47) 2-Chloronaphthalene	9.566	162	938149	44.157	ng	99
48) 2-Nitroaniline	9.654	65	248025	39.253	ng	91
49) Acenaphthylene	9.983	152	1474233	42.516	ng	99
50) Dimethylphthalate	9.836	163	1105226	43.668	ng	99
51) 2,6-Dinitrotoluene	9.895	165	255789	45.251	ng	96
52) Acenaphthene	10.160	154	960043	44.224	ng	100
53) 3-Nitroaniline	10.066	138	101531	14.811	ng	93
54) 2,4-Dinitrophenol	10.172	184	180568	56.454	ng	96
55) Dibenzofuran	10.330	168	1283047	42.065	ng	100
56) 4-Nitrophenol	10.219	139	360340	69.855	ng	92
57) 2,4-Dinitrotoluene	10.307	165	329576	44.884	ng	# 86
58) Fluorene	10.677	166	981360	41.806	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.442	232	273848	44.839	ng	99
60) Diethylphthalate	10.536	149	1103679	43.834	ng	99
61) 4-Chlorophenyl-phenyle...	10.660	204	489532	43.943	ng	97
62) 4-Nitroaniline	10.689	138	234958	35.743	ng	97
63) Azobenzene	10.824	77	962260	39.235	ng	96
65) 4,6-Dinitro-2-methylph...	10.713	198	142654	40.884	ng	98
66) n-Nitrosodiphenylamine	10.783	169	874382	45.420	ng	100
67) 4-Bromophenyl-phenylether	11.154	248	308468	49.000	ng	94
68) Hexachlorobenzene	11.224	284	346266	51.461	ng	96
69) Atrazine	11.307	200	284338	51.350	ng	99
70) Pentachlorophenol	11.419	266	335334	72.533	ng	99
71) Phenanthrene	11.648	178	1395052	43.425	ng	99
72) Anthracene	11.701	178	1403593	42.931	ng	100
73) Carbazole	11.848	167	1195540	40.782	ng	100
74) Di-n-butylphthalate	12.171	149	1553549	44.826	ng	99
75) Fluoranthene	12.842	202	1235734	37.694	ng	99
77) Benzidine	12.954	184	153161	14.570	ng	98
78) Pyrene	13.077	202	1222548	50.551	ng	100
80) Butylbenzylphthalate	13.683	149	547340	51.225	ng	99
81) Benzo(a)anthracene	14.271	228	954178	45.371	ng	99
82) 3,3'-Dichlorobenzidine	14.224	252	114332	17.069	ng	99
83) Chrysene	14.312	228	891951	45.294	ng	100
84) Bis(2-ethylhexyl)phtha...	14.242	149	781283	54.095	ng	100
85) Di-n-octyl phthalate	14.877	149	1328114	56.379	ng	97
87) Indeno(1,2,3-cd)pyrene	17.524	276	1159260	48.148	ng	97
88) Benzo(b)fluoranthene	15.395	252	1020423	44.303	ng	98
89) Benzo(k)fluoranthene	15.430	252	995497	45.280	ng	99
90) Benzo(a)pyrene	15.801	252	913981	42.614	ng	99
91) Dibenzo(a,h)anthracene	17.548	278	947744	48.960	ng	99
92) Benzo(g,h,i)perylene	18.030	276	909586	45.483	ng	96

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

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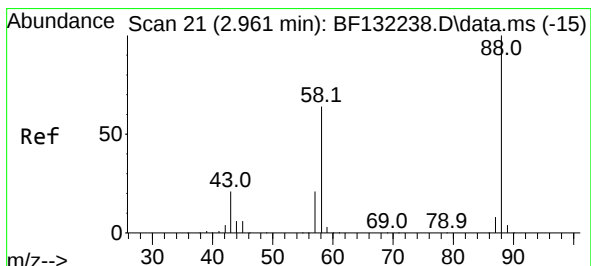
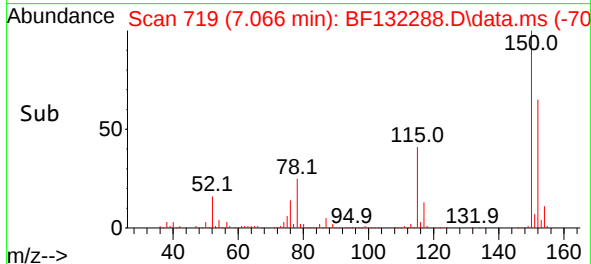
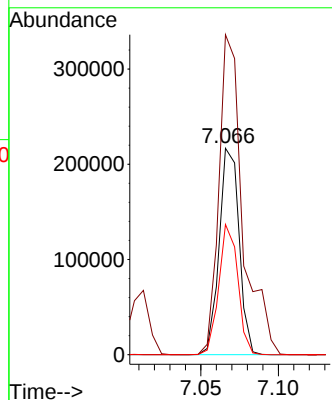
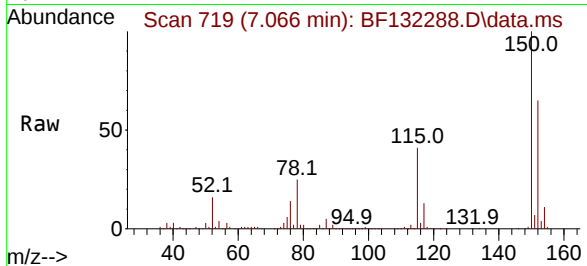




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.066 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132288.D
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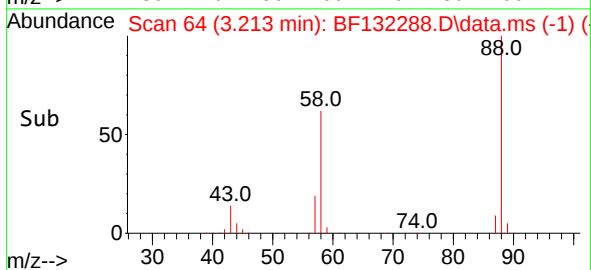
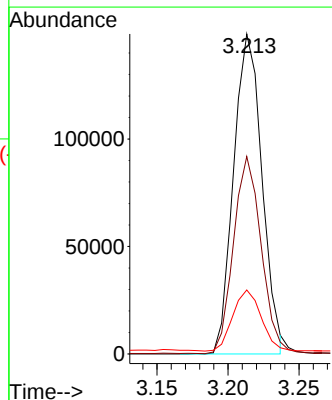
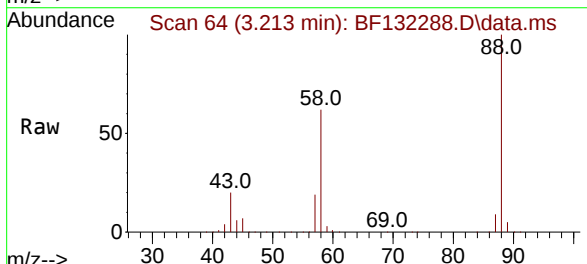
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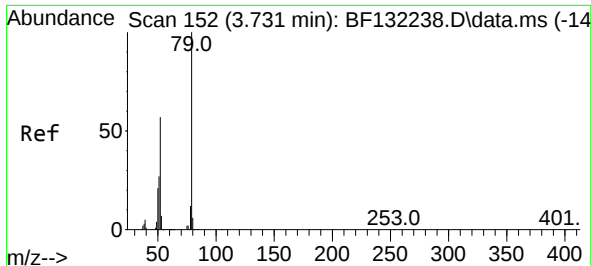
Tgt Ion:152 Resp: 193759
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.2 186.2
 115 63.1 47.3 70.9



#2
 1,4-Dioxane
 Concen: 36.354 ng
 RT: 3.213 min Scan# 64
 Delta R.T. 0.253 min
 Lab File: BF132288.D
 Acq: 02 Feb 2023 12:50

Tgt Ion: 88 Resp: 206199
 Ion Ratio Lower Upper
 88 100
 58 59.7 50.2 75.2
 43 19.0 16.9 25.3

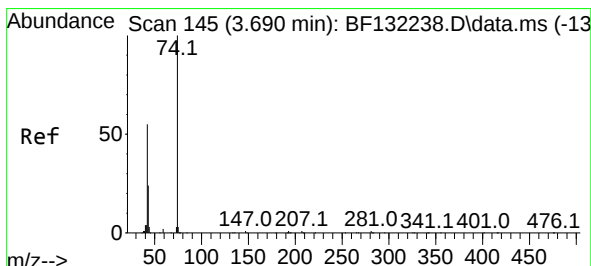
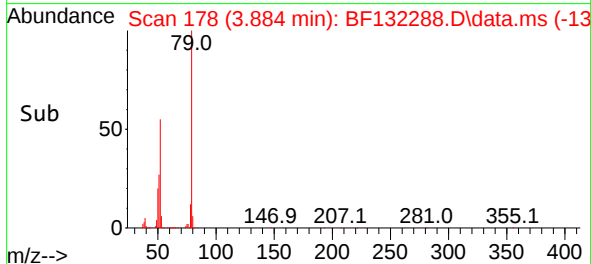
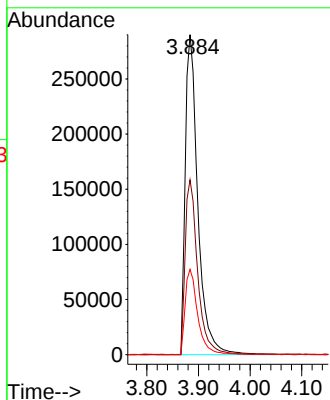
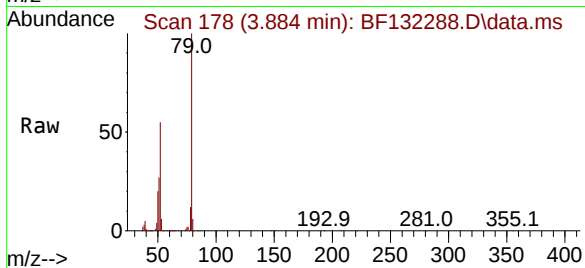




#3
 Pyridine
 Concen: 31.869 ng
 RT: 3.884 min Scan# 11
 Delta R.T. 0.153 min
 Lab File: BF132288.D
 Acq: 02 Feb 2023 12:50

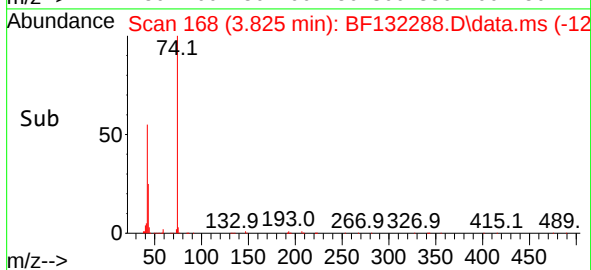
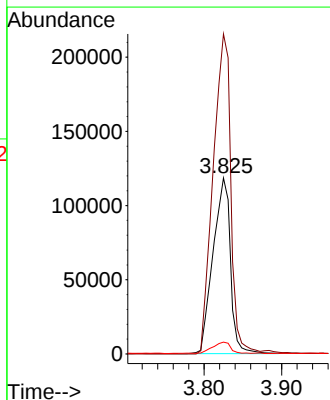
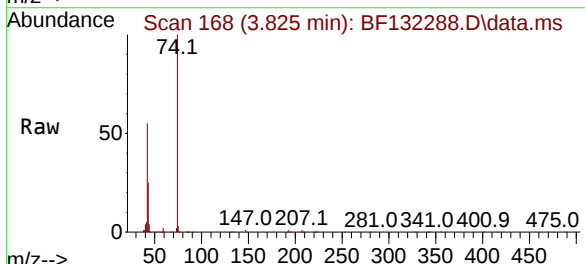
Instrument :
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 ClientSampleId :
 JPP-11-012723MS

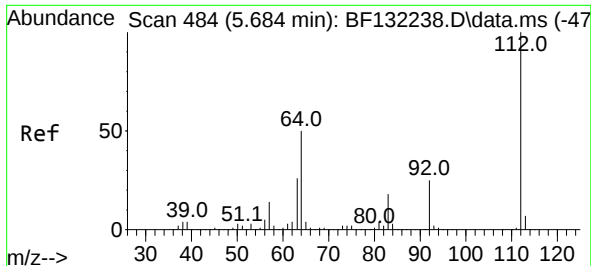
Tgt Ion: 79 Resp: 490373
 Ion Ratio Lower Upper
 79 100
 52 54.7 45.6 68.4
 51 26.7 21.5 32.3



#4
 n-Nitrosodimethylamine
 Concen: 37.561 ng
 RT: 3.825 min Scan# 168
 Delta R.T. 0.135 min
 Lab File: BF132288.D
 Acq: 02 Feb 2023 12:50

Tgt Ion: 42 Resp: 184939
 Ion Ratio Lower Upper
 42 100
 74 181.7 144.6 217.0
 44 6.7 5.1 7.7

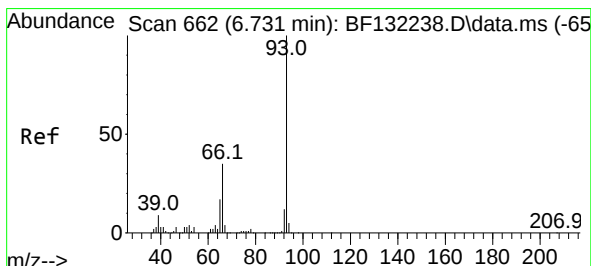
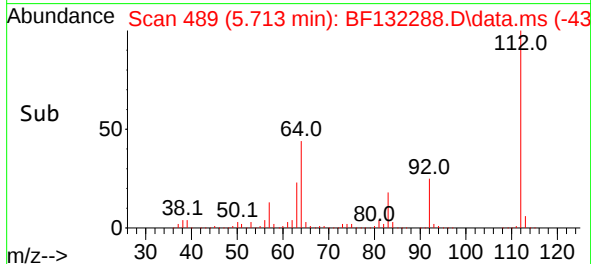
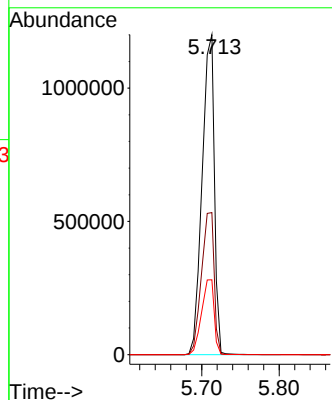
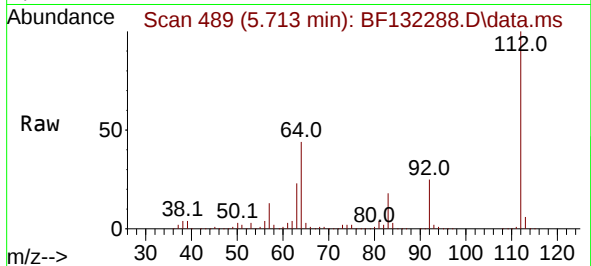




#5
2-Fluorophenol
Concen: 109.205 ng
RT: 5.713 min Scan# 484
Delta R.T. 0.029 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

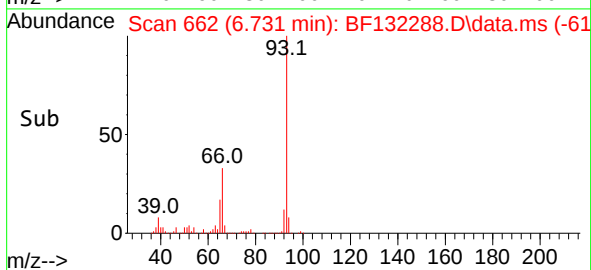
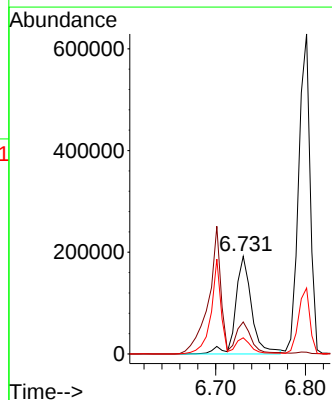
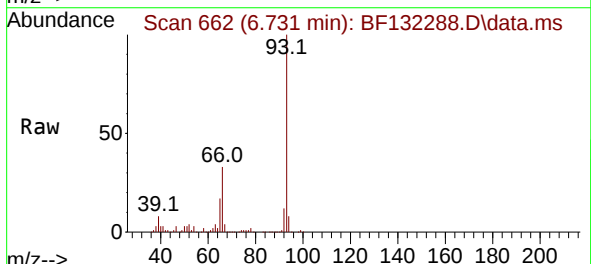
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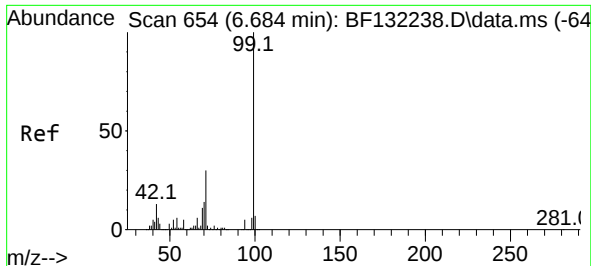
Tgt Ion:112 Resp: 1316384
Ion Ratio Lower Upper
112 100
64 44.4 40.0 60.0
63 23.4 20.5 30.7



#6
Aniline
Concen: 11.769 ng
RT: 6.731 min Scan# 662
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion: 93 Resp: 237329
Ion Ratio Lower Upper
93 100
66 32.8 28.8 43.2
65 16.6 14.2 21.4

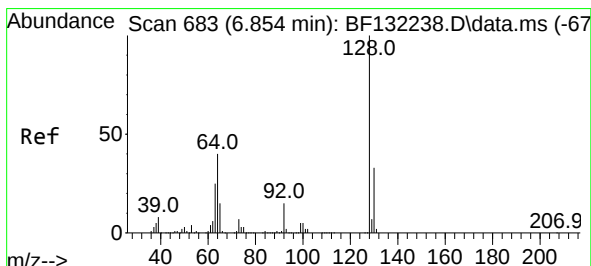
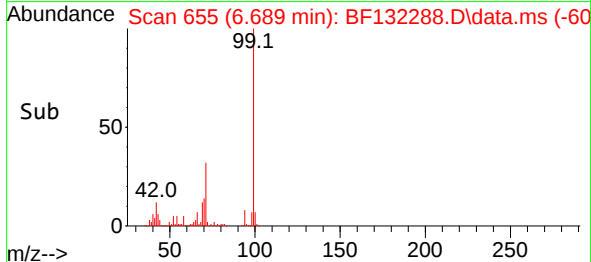
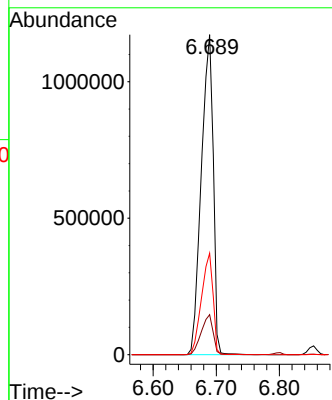
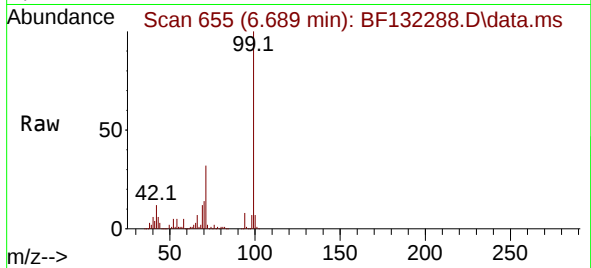




#7
Phenol-d6
Concen: 103.333 ng
RT: 6.689 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

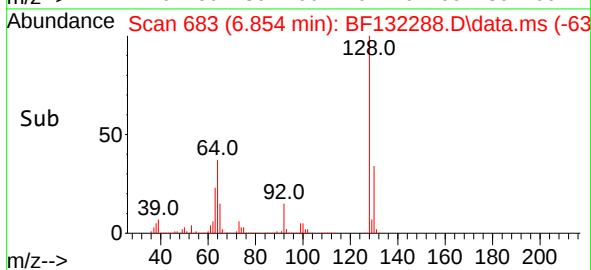
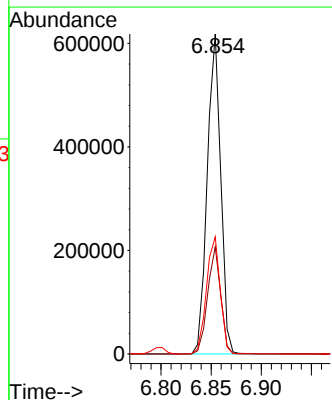
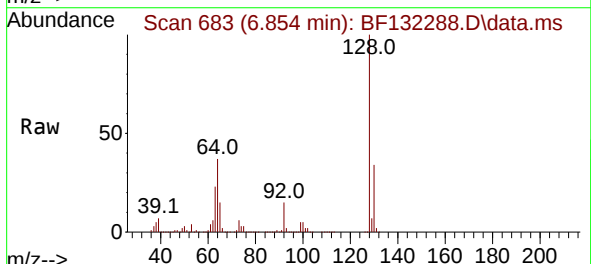
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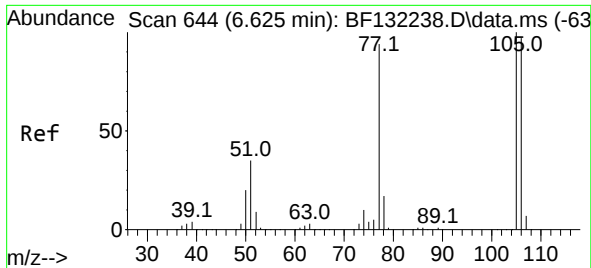
Tgt Ion: 99 Resp: 1535646
Ion Ratio Lower Upper
99 100
42 12.5 10.1 15.1
71 31.7 24.2 36.4



#8
2-Chlorophenol
Concen: 46.480 ng
RT: 6.854 min Scan# 683
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion: 128 Resp: 580282
Ion Ratio Lower Upper
128 100
130 33.5 13.3 53.3
64 36.6 20.1 60.1

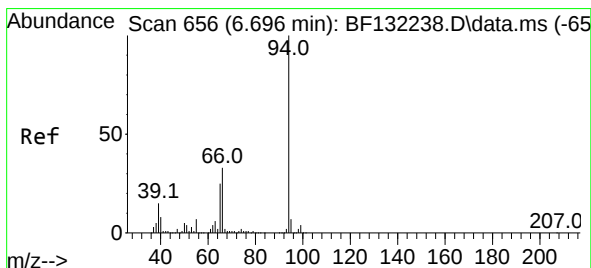
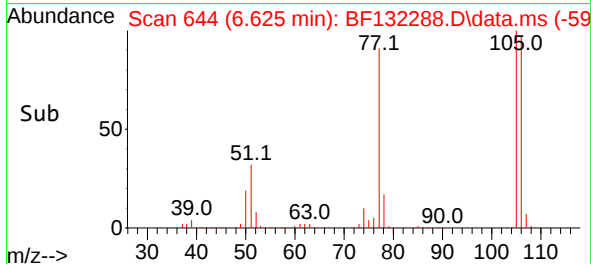
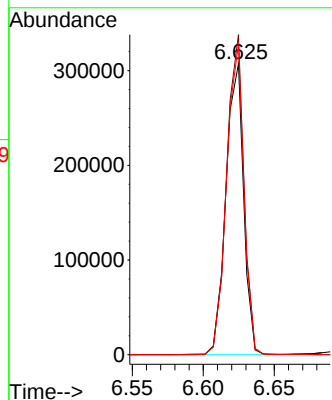
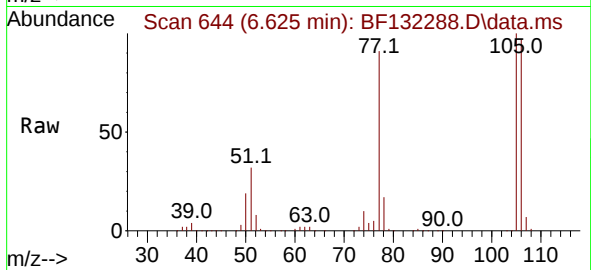




#9
Benzaldehyde
Concen: 29.333 ng
RT: 6.625 min Scan# 644
Delta R.T. -0.000 min
Lab File: BF132288.D
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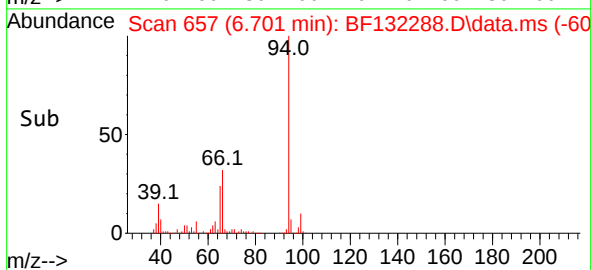
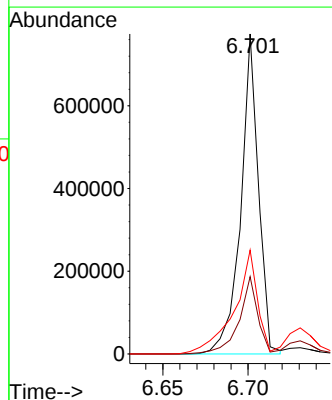
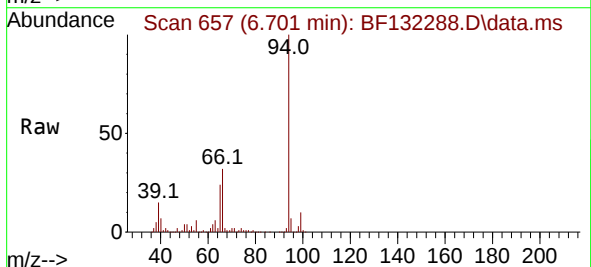
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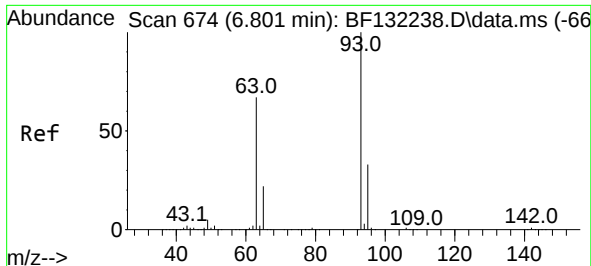
Tgt Ion: 77 Resp: 266056
Ion Ratio Lower Upper
77 100
105 110.1 86.8 126.8
106 106.6 83.8 123.8



#10
Phenol
Concen: 36.431 ng
RT: 6.701 min Scan# 657
Delta R.T. 0.006 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion: 94 Resp: 560381
Ion Ratio Lower Upper
94 100
65 24.1 5.1 45.1
66 32.5 13.0 53.0

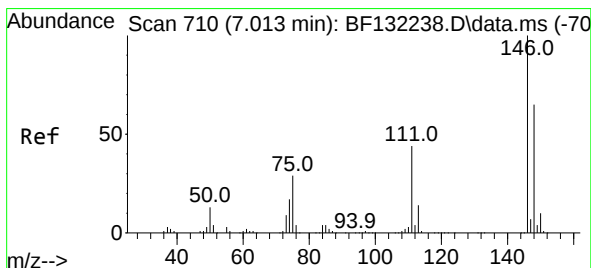
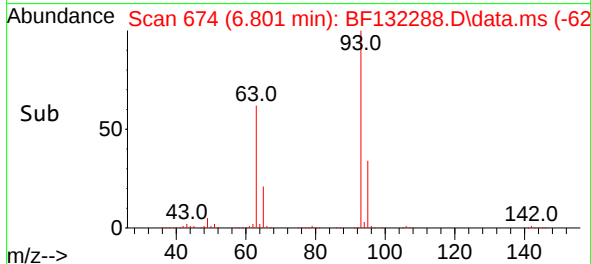
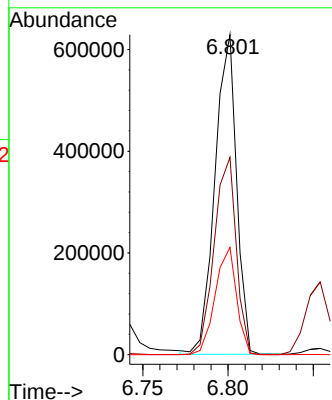
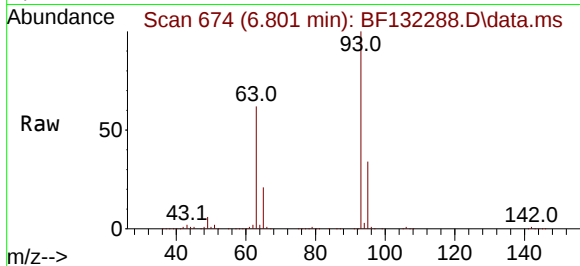




#11
bis(2-Chloroethyl)ether
Concen: 43.877 ng
RT: 6.801 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

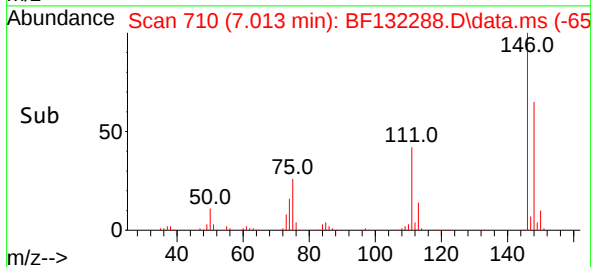
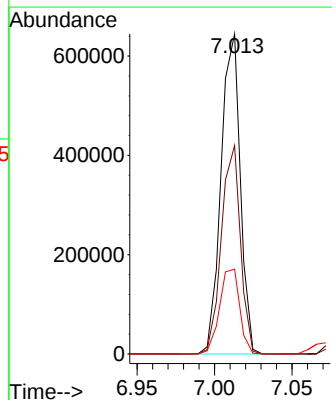
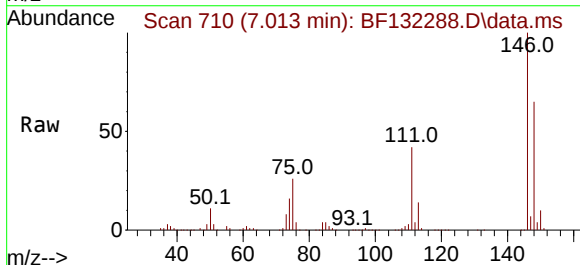
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

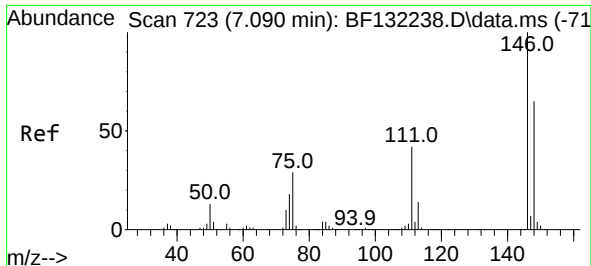
Tgt Ion: 93 Resp: 555452
Ion Ratio Lower Upper
93 100
63 61.6 46.7 86.7
95 33.6 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 42.224 ng
RT: 7.013 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion:146 Resp: 557535
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
75 26.5 23.5 35.3





#13

1,4-Dichlorobenzene

Concen: 42.309 ng

RT: 7.089 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723MS

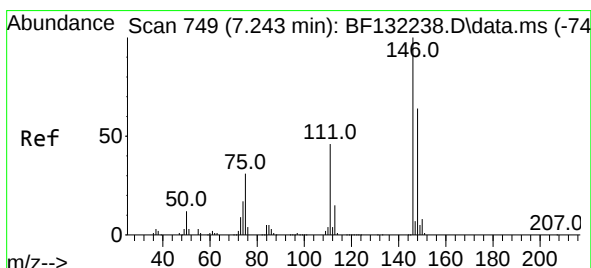
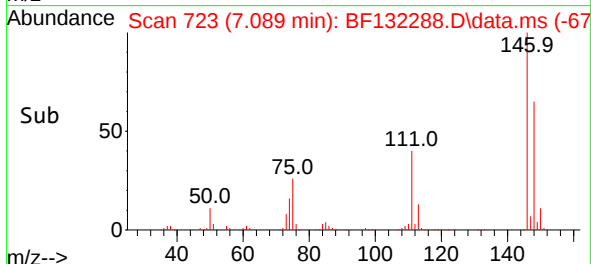
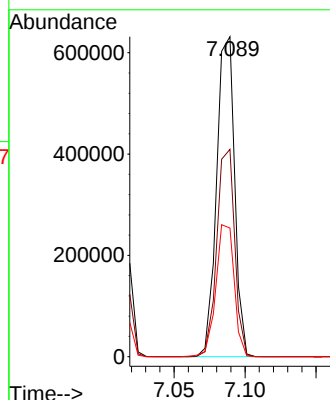
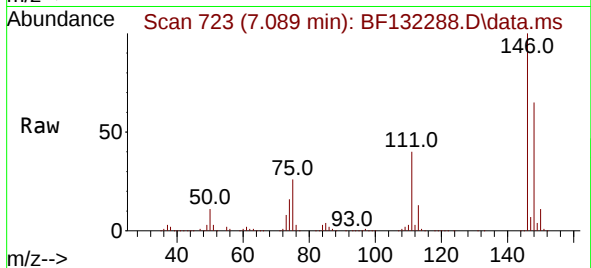
Tgt Ion:146 Resp: 557656

Ion Ratio Lower Upper

146 100

148 64.8 52.4 78.6

111 40.2 34.0 51.0



#14

1,2-Dichlorobenzene

Concen: 44.054 ng

RT: 7.242 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

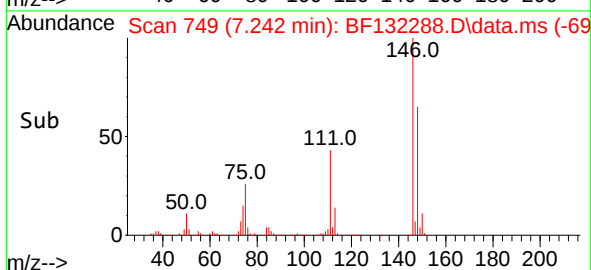
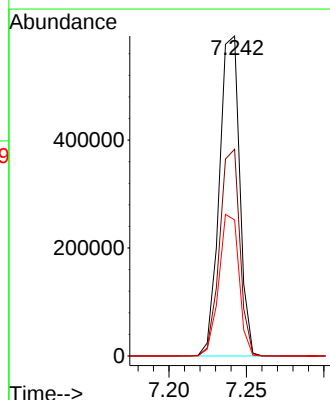
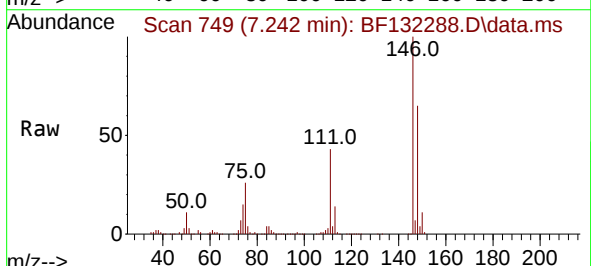
Tgt Ion:146 Resp: 541516

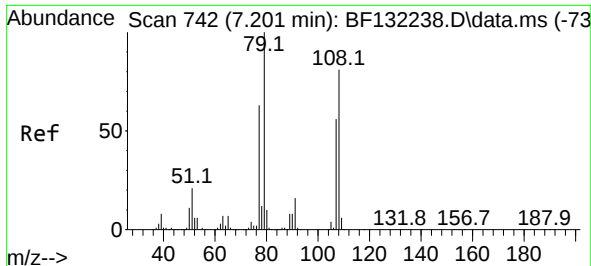
Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.0

111 42.5 37.1 55.7

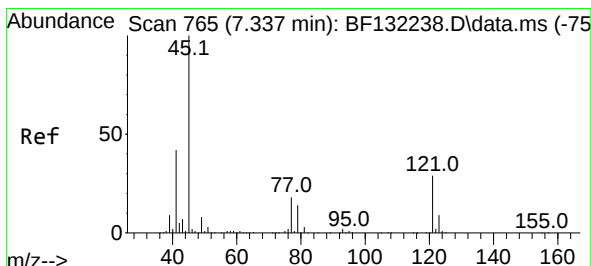
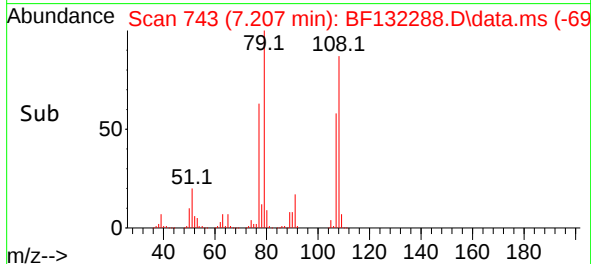
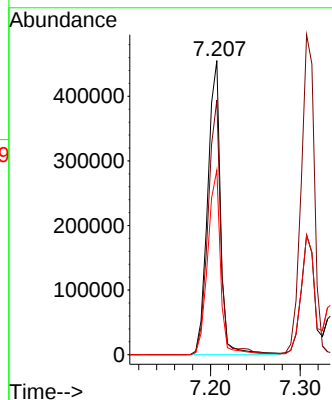
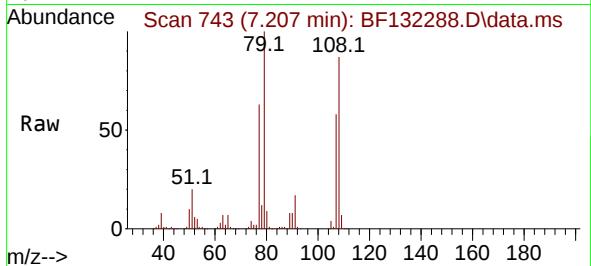




#15
Benzyl Alcohol
Concen: 41.829 ng
RT: 7.207 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

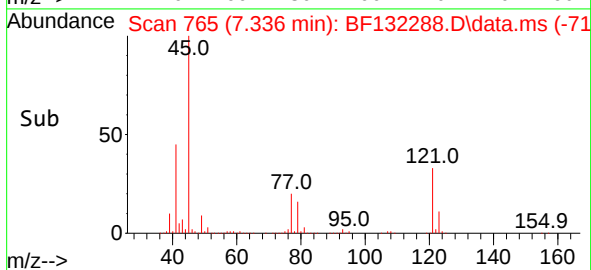
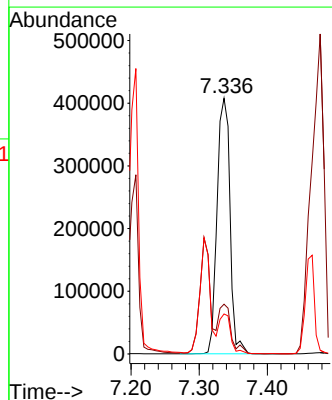
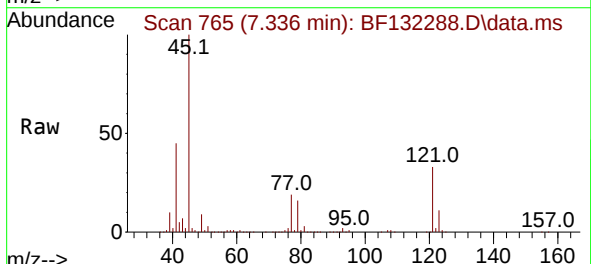
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

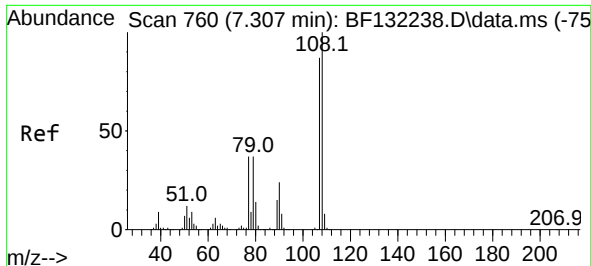
Tgt Ion: 79 Resp: 453583
Ion Ratio Lower Upper
79 100
108 86.6 64.6 97.0
77 62.8 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.256 ng
RT: 7.336 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion: 45 Resp: 536924
Ion Ratio Lower Upper
45 100
77 19.5 0.0 38.0
79 15.6 0.0 33.8

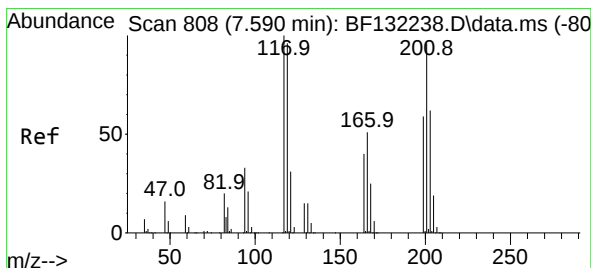
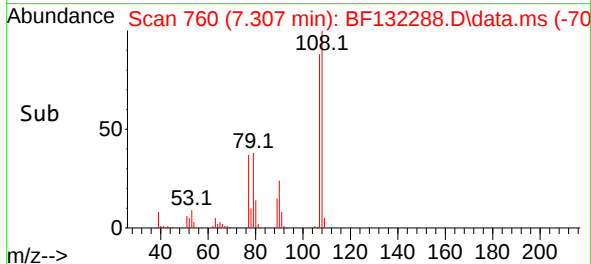
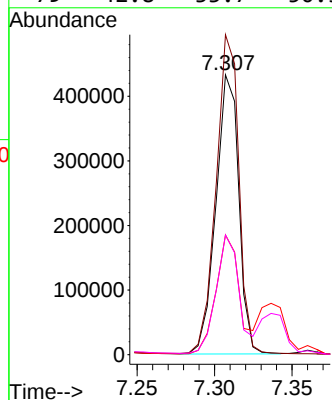
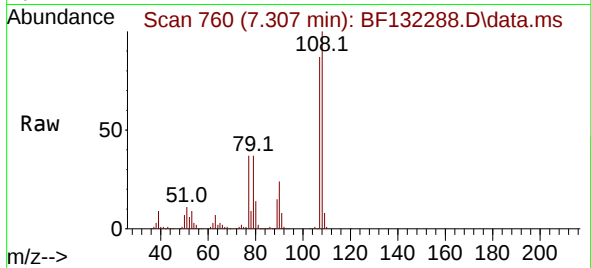




#17
2-Methylphenol
Concen: 40.623 ng
RT: 7.307 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

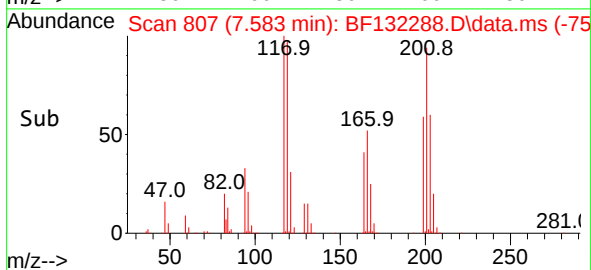
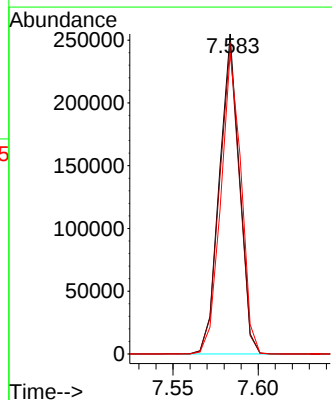
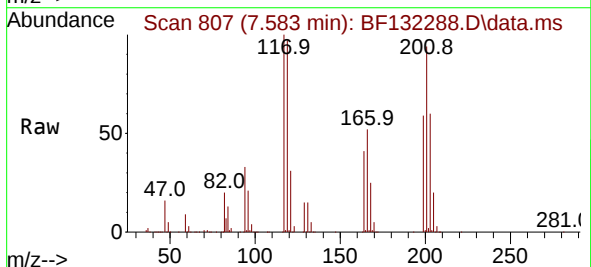
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

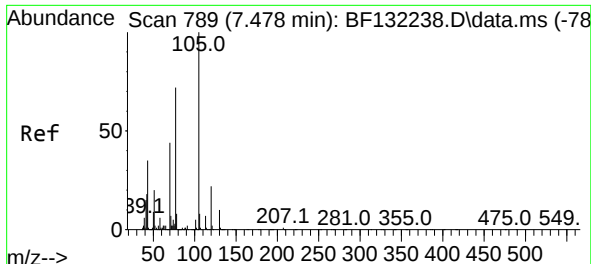
Tgt Ion:107 Resp: 443948
Ion Ratio Lower Upper
107 100
108 114.3 91.8 137.6
77 42.8 34.2 51.2
79 42.8 33.7 50.5



#18
Hexachloroethane
Concen: 42.040 ng
RT: 7.583 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion:117 Resp: 207868
Ion Ratio Lower Upper
117 100
119 97.2 76.7 115.1
201 94.1 76.6 114.8



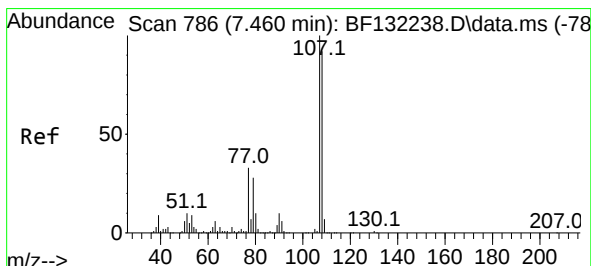
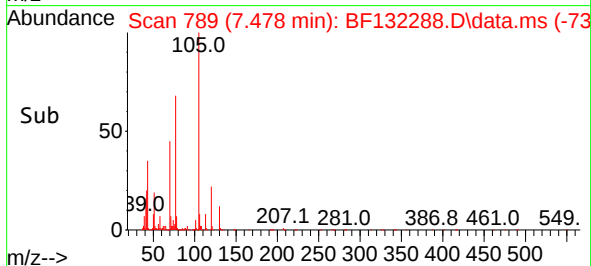
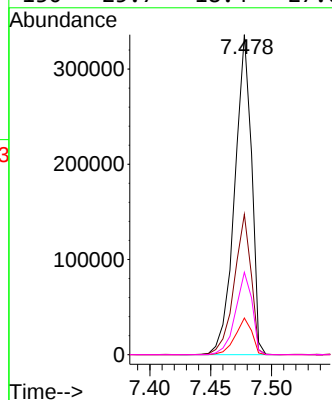
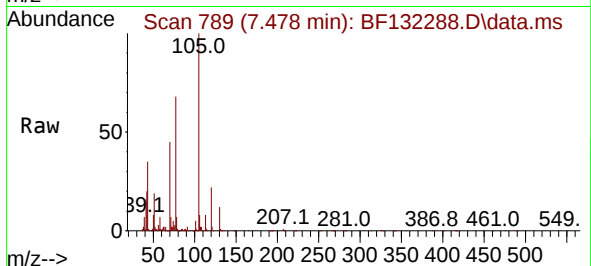


#19
n-Nitroso-di-n-propylamine
Concen: 38.211 ng
RT: 7.478 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

Tgt Ion: 70 Resp: 322554

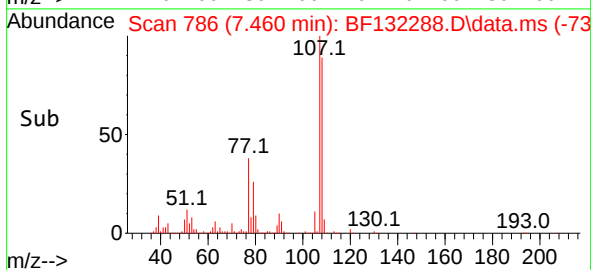
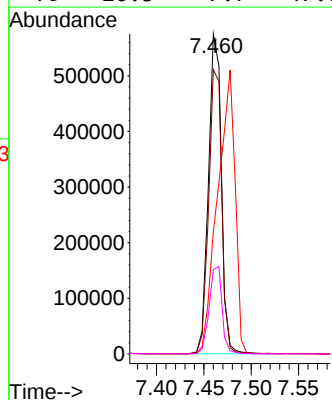
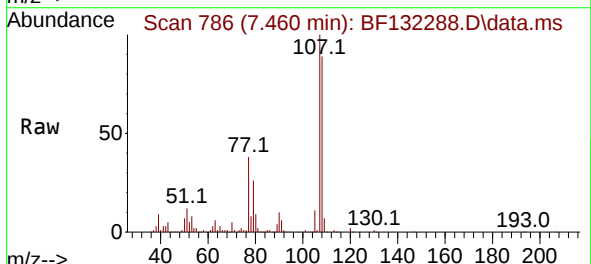
Ion	Ratio	Lower	Upper
70	100		
42	43.9	33.4	50.0
101	11.5	8.2	12.4
130	25.7	18.4	27.6

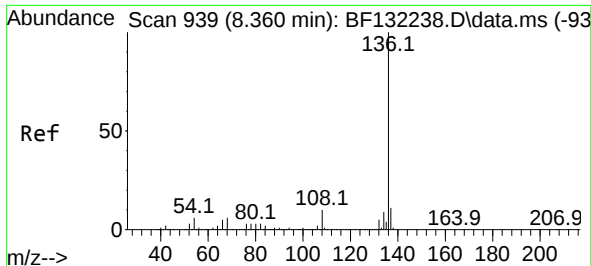


#20
3+4-Methylphenols
Concen: 38.898 ng
RT: 7.460 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion: 107 Resp: 542566

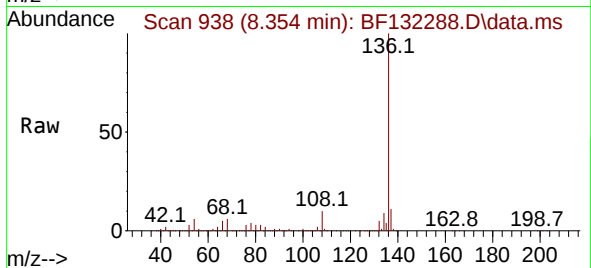
Ion	Ratio	Lower	Upper
107	100		
108	88.9	71.6	111.6
77	38.2	13.4	53.4
79	26.3	7.7	47.7





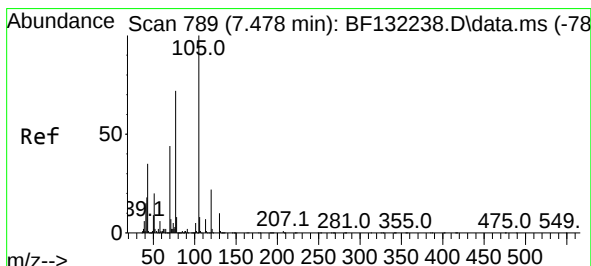
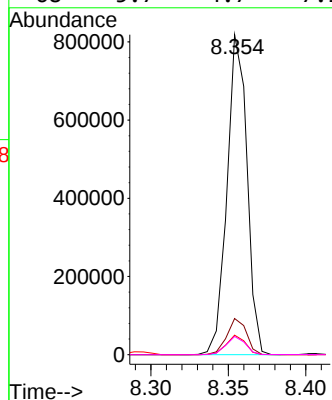
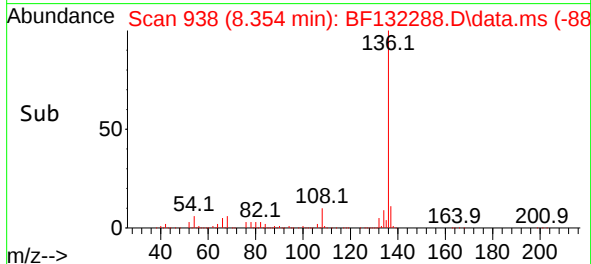
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS



Tgt Ion:136 Resp: 734624

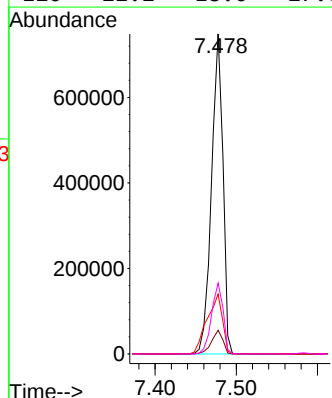
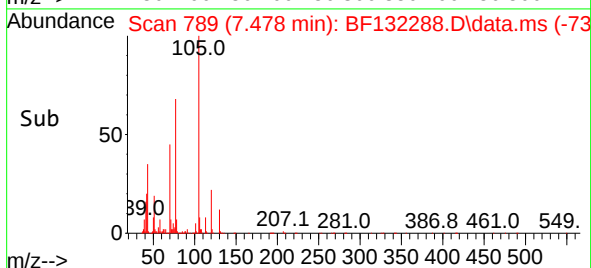
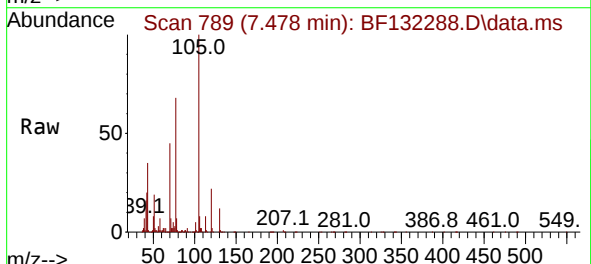
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	6.1	4.9	7.3
68	5.7	4.7	7.1

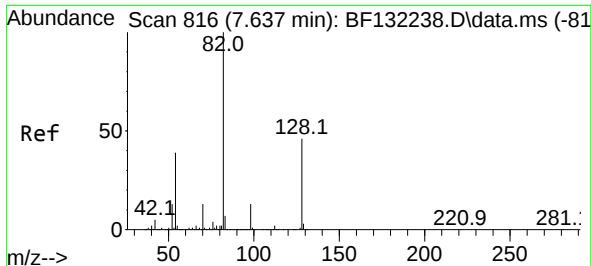


#22
Acetophenone
Concen: 42.128 ng
RT: 7.478 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion:105 Resp: 727815

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.8	8.6
51	18.7	16.2	24.2
120	22.2	18.0	27.0

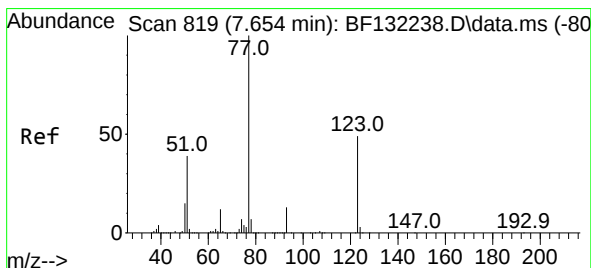
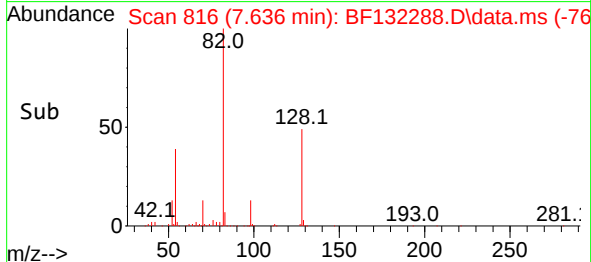
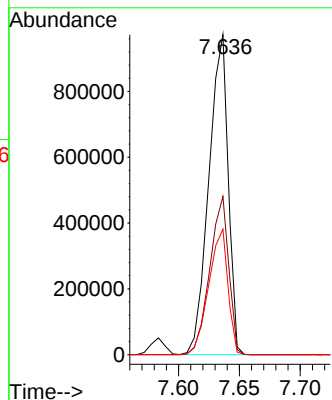
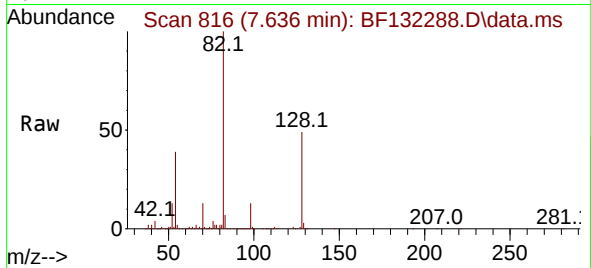




#23
Nitrobenzene-d5
Concen: 81.031 ng
RT: 7.636 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

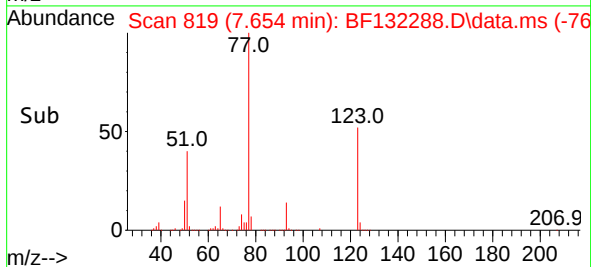
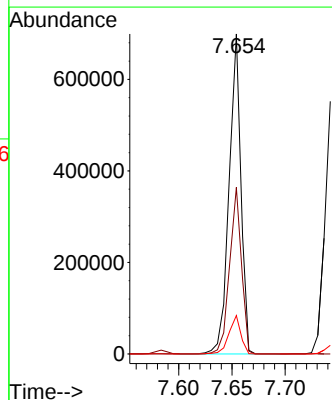
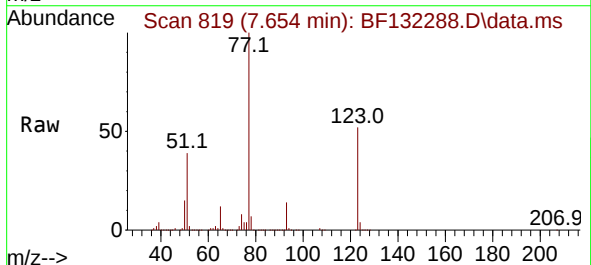
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

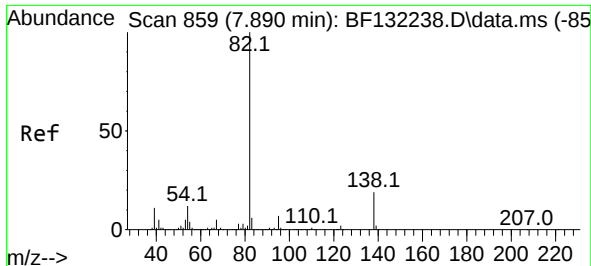
Tgt Ion: 82 Resp: 1069722
Ion Ratio Lower Upper
82 100
128 49.4 37.0 55.4
54 39.3 31.5 47.3



#24
Nitrobenzene
Concen: 40.125 ng
RT: 7.654 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion: 77 Resp: 541153
Ion Ratio Lower Upper
77 100
123 52.1 39.5 59.3
65 12.0 9.8 14.8

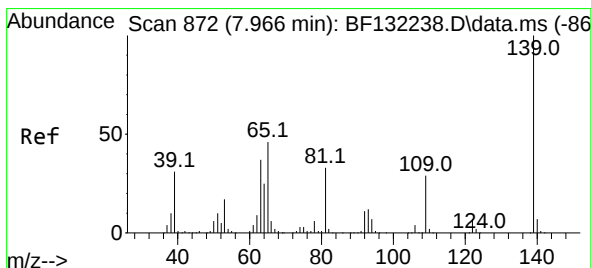
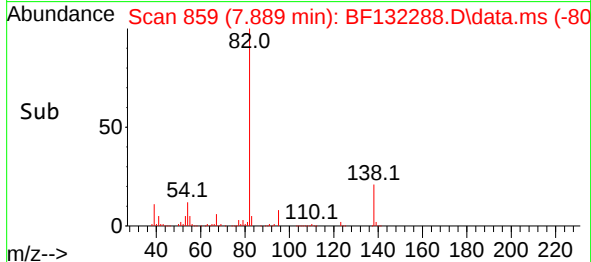
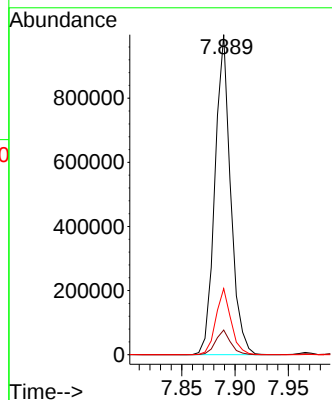
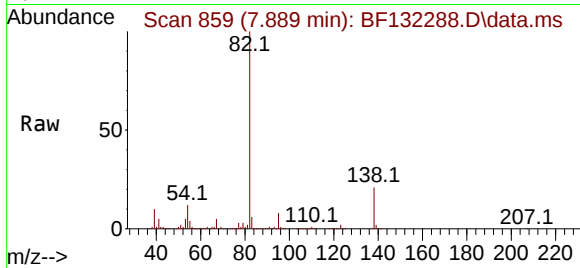




#25
Isophorone
Concen: 40.853 ng
RT: 7.889 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

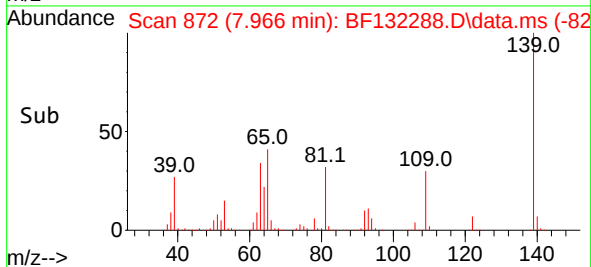
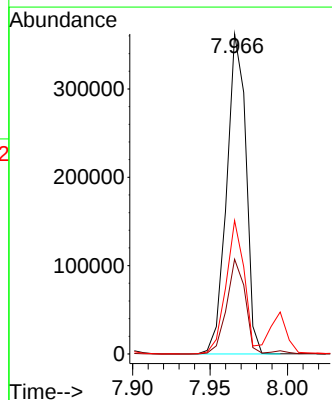
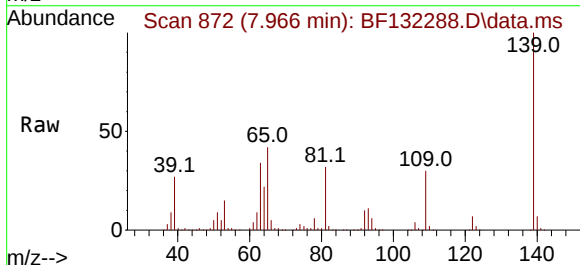
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

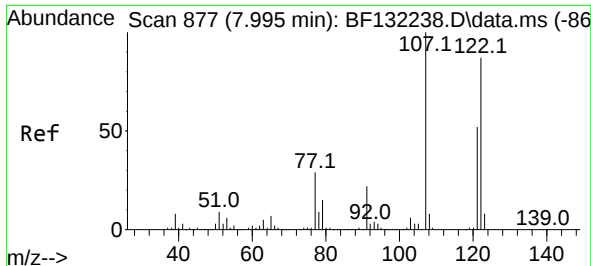
Tgt Ion: 82 Resp: 1023639
Ion Ratio Lower Upper
82 100
95 7.7 5.6 8.4
138 20.6 15.0 22.6



#26
2-Nitrophenol
Concen: 47.673 ng
RT: 7.966 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion:139 Resp: 313179
Ion Ratio Lower Upper
139 100
109 29.6 23.0 34.6
65 41.7 36.6 55.0

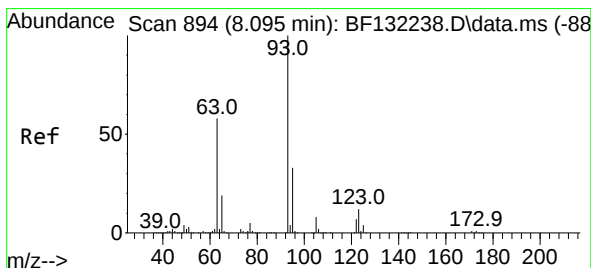
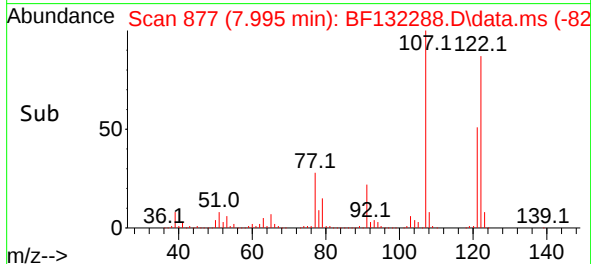
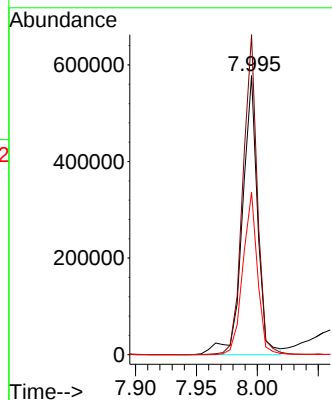
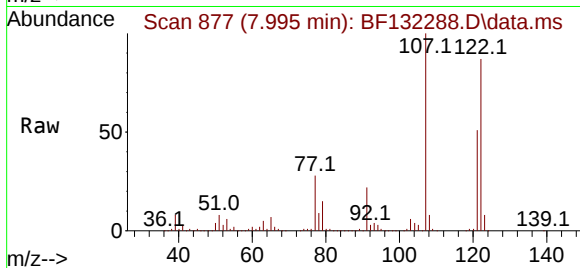




#27
2,4-Dimethylphenol
Concen: 43.573 ng
RT: 7.995 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

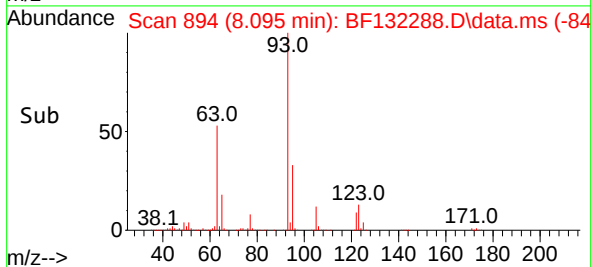
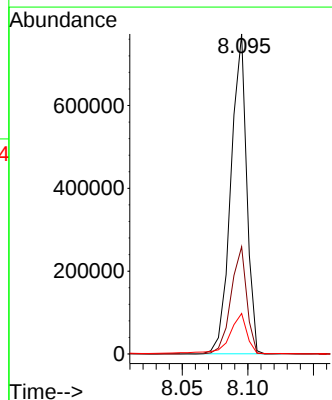
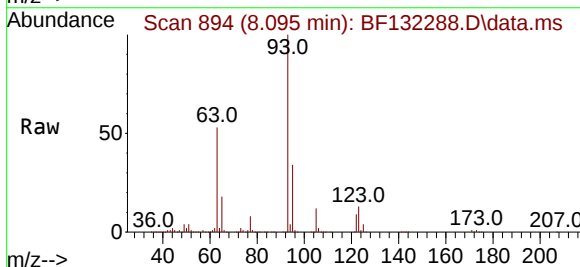
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

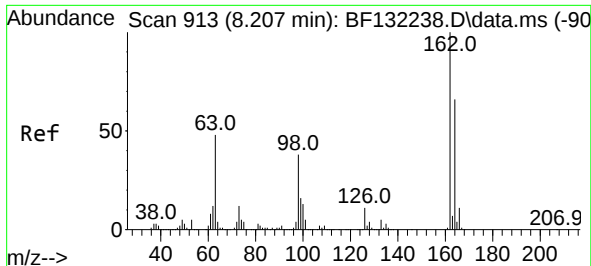
Tgt Ion:122 Resp: 501025
Ion Ratio Lower Upper
122 100
107 114.7 91.9 137.9
121 58.2 47.8 71.8



#28
bis(2-Chloroethoxy)methane
Concen: 42.115 ng
RT: 8.095 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion: 93 Resp: 648479
Ion Ratio Lower Upper
93 100
95 33.5 26.6 40.0
123 12.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.796 ng

RT: 8.207 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723MS

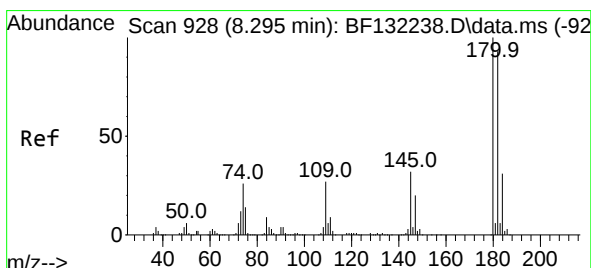
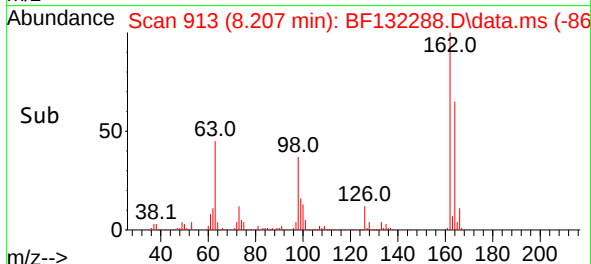
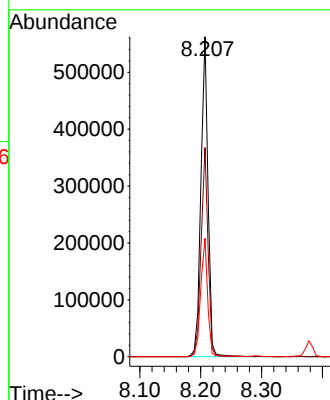
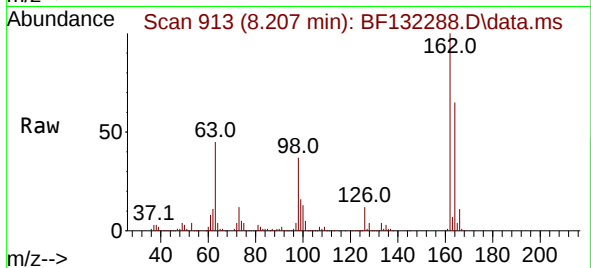
Tgt Ion:162 Resp: 457311

Ion Ratio Lower Upper

162 100

164 65.3 46.4 86.4

98 37.0 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 44.174 ng

RT: 8.295 min Scan# 928

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

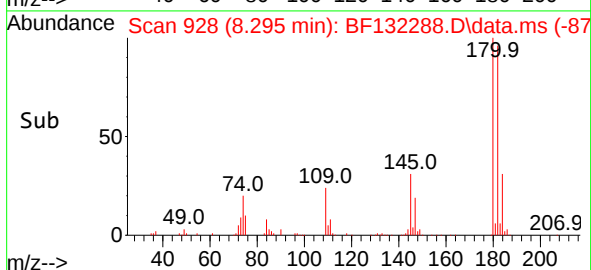
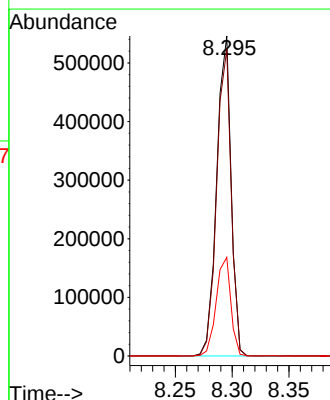
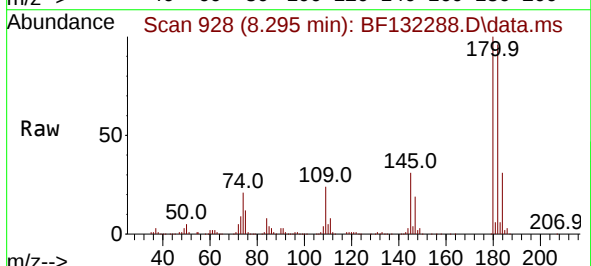
Tgt Ion:180 Resp: 482917

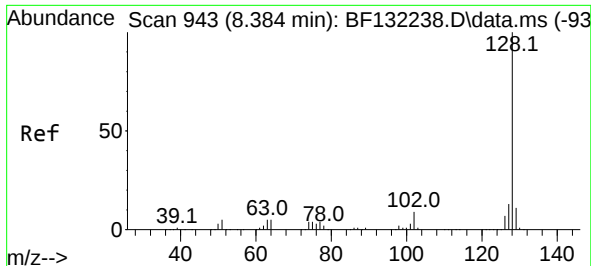
Ion Ratio Lower Upper

180 100

182 95.8 74.6 112.0

145 30.8 25.3 37.9

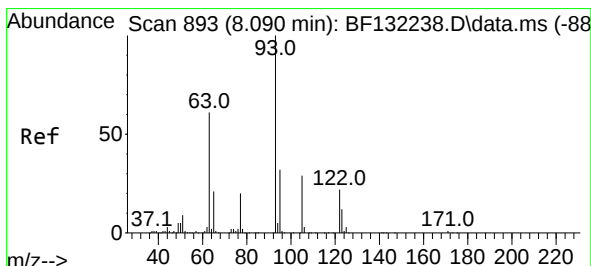
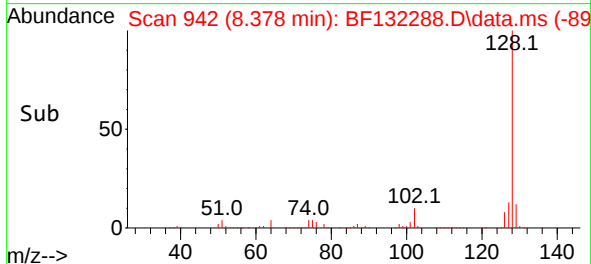
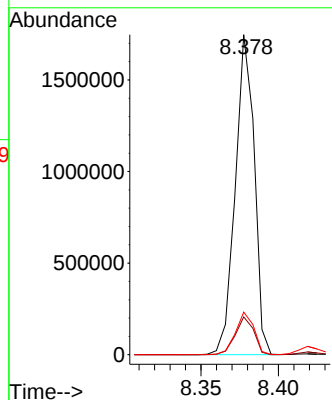
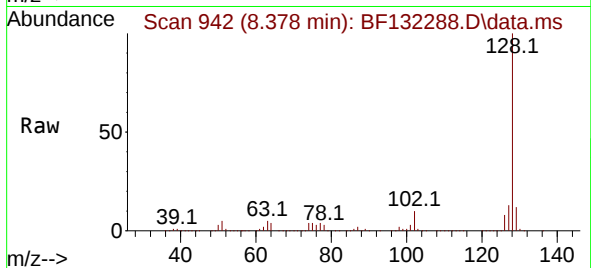




#31
Naphthalene
Concen: 41.131 ng
RT: 8.378 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

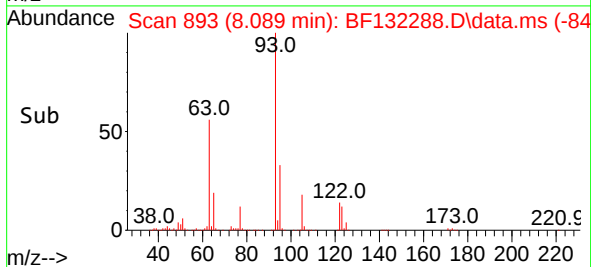
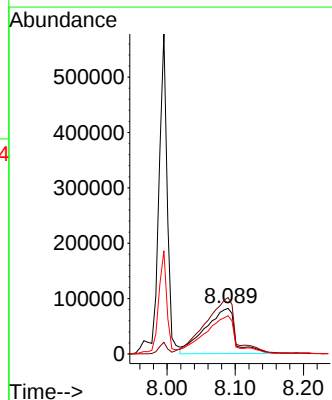
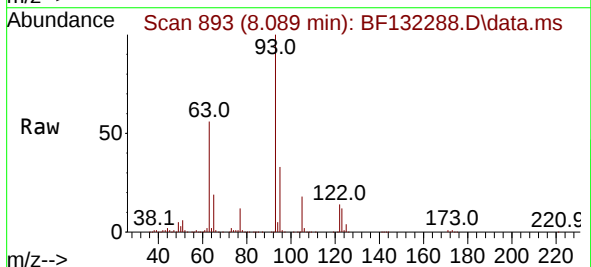
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

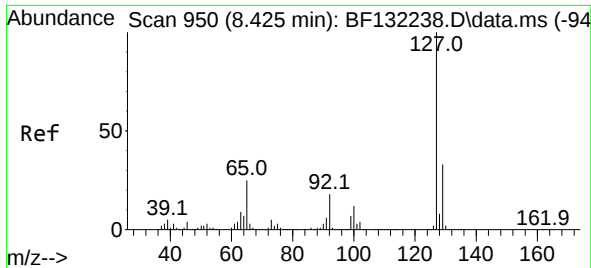
Tgt Ion:128 Resp: 1487309
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.4
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 30.125 ng
RT: 8.089 min Scan# 893
Delta R.T. -0.001 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion:122 Resp: 256408
Ion Ratio Lower Upper
122 100
105 123.5 106.3 146.3
77 83.6 70.6 110.6

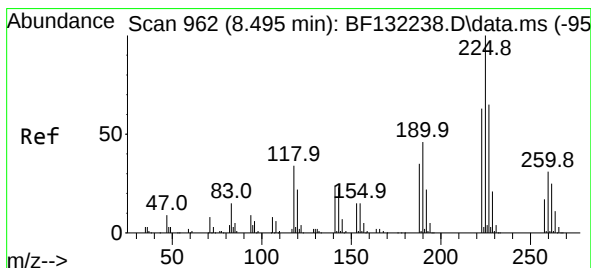
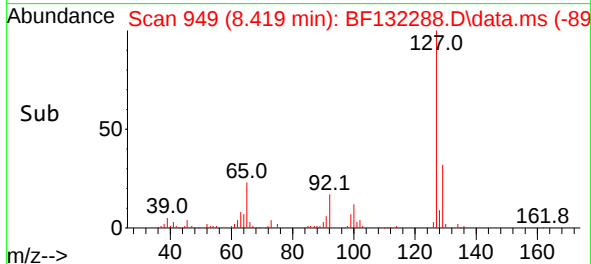
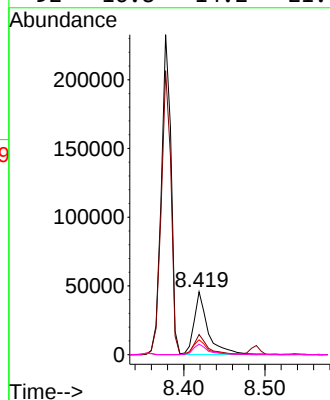
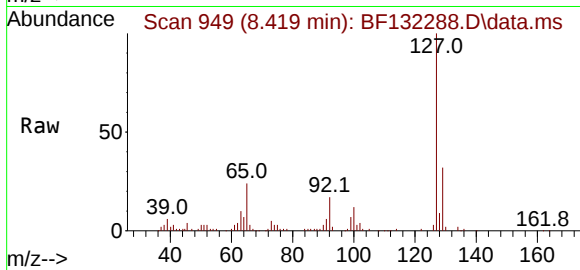




#33
4-Chloroaniline
Concen: 3.399 ng
RT: 8.419 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

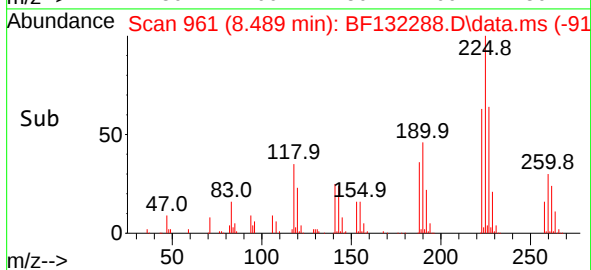
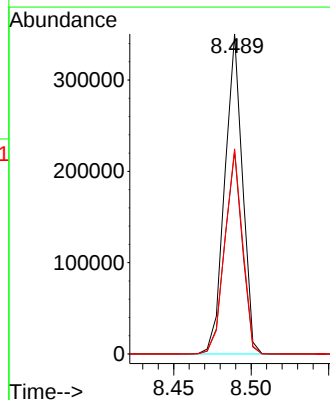
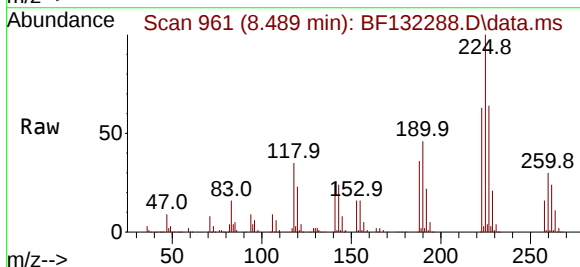
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

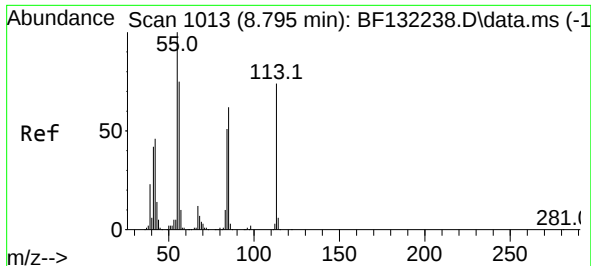
Tgt Ion:	127	Resp:	54505
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.6	39.8
65	23.6	20.2	30.2
92	16.8	14.2	21.4



#34
Hexachlorobutadiene
Concen: 45.123 ng
RT: 8.489 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion:	225	Resp:	277316
Ion Ratio	Lower	Upper	
225	100		
223	63.3	50.6	75.8
227	64.1	51.7	77.5

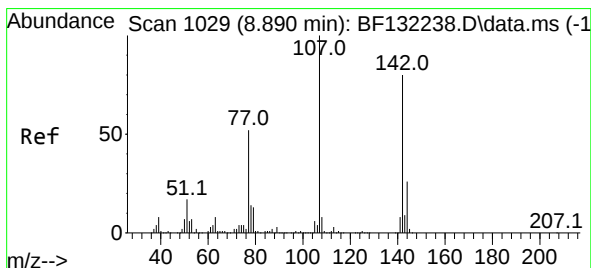
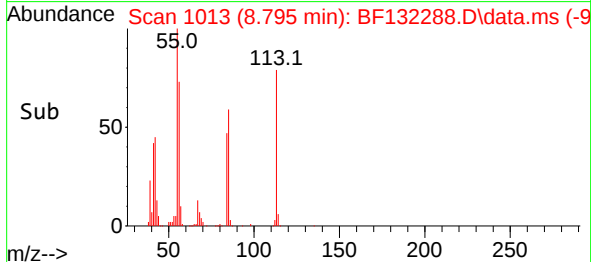
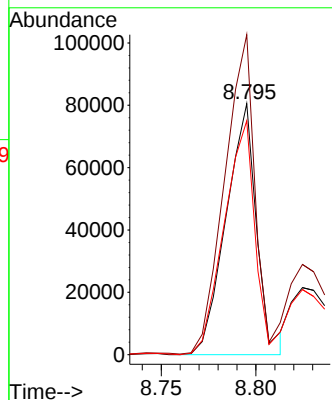
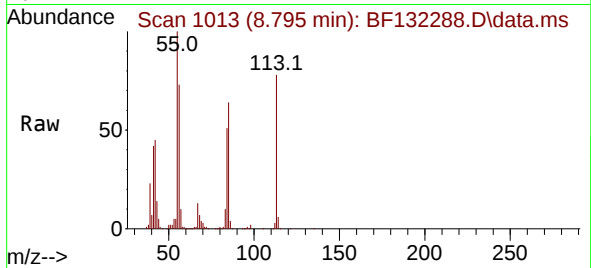




#35
Caprolactam
Concen: 25.816 ng
RT: 8.795 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

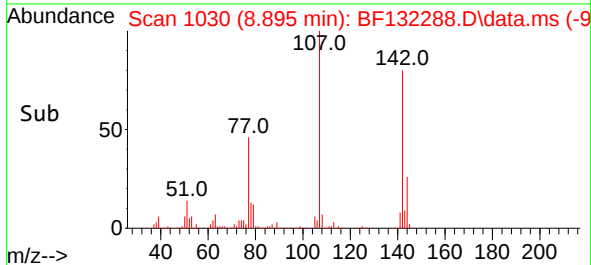
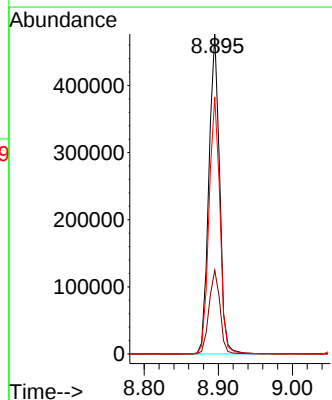
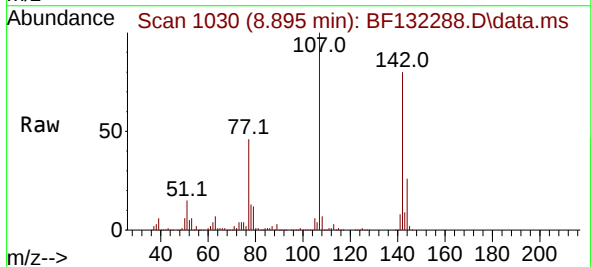
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BNA_F
ClientSampleId :
JPP-11-012723MS

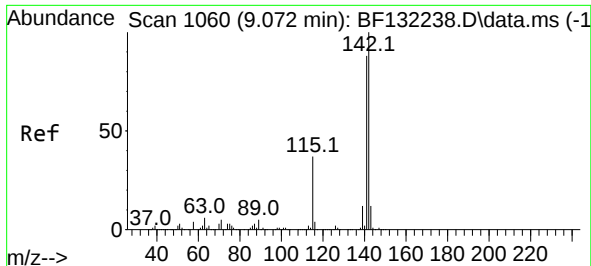
Tgt Ion:113 Resp: 89847
Ion Ratio Lower Upper
113 100
55 127.5 114.7 154.7
56 93.2 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 43.572 ng
RT: 8.895 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion:107 Resp: 479210
Ion Ratio Lower Upper
107 100
144 26.2 20.5 30.7
142 80.3 63.6 95.4

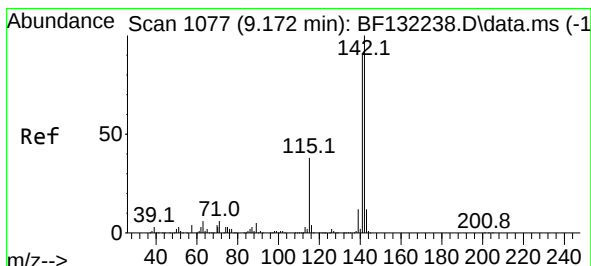
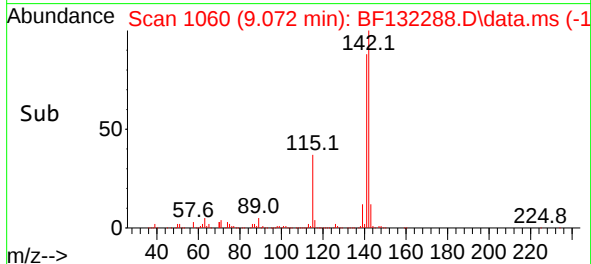
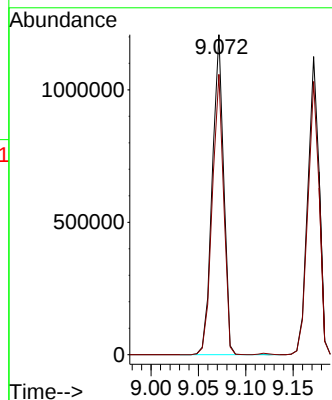
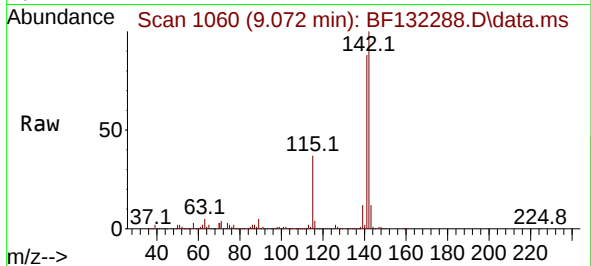




#37
2-Methylnaphthalene
Concen: 41.159 ng
RT: 9.072 min Scan# 1060
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

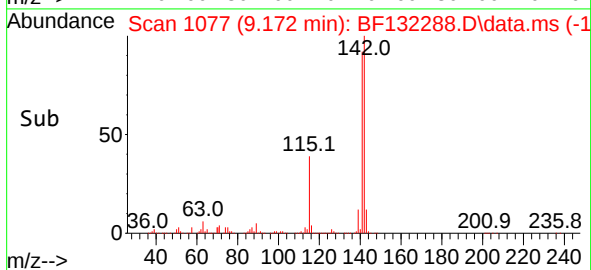
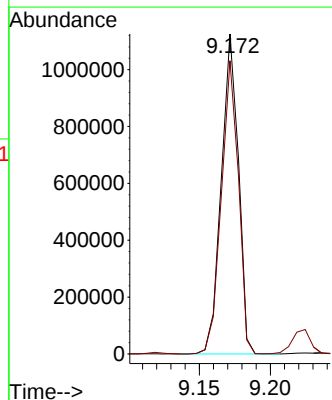
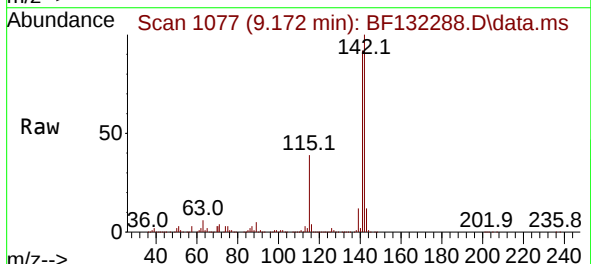
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

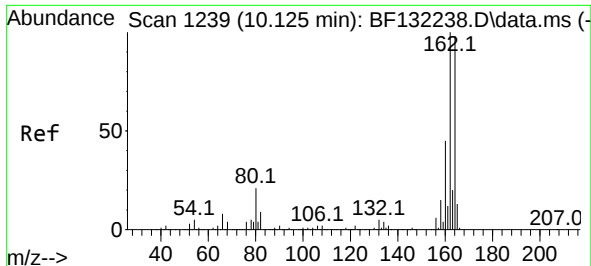
Tgt Ion:142 Resp: 1008139
Ion Ratio Lower Upper
142 100
141 87.6 70.1 105.1



#38
1-Methylnaphthalene
Concen: 41.302 ng
RT: 9.172 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion:142 Resp: 940119
Ion Ratio Lower Upper
142 100
141 91.6 72.6 108.8

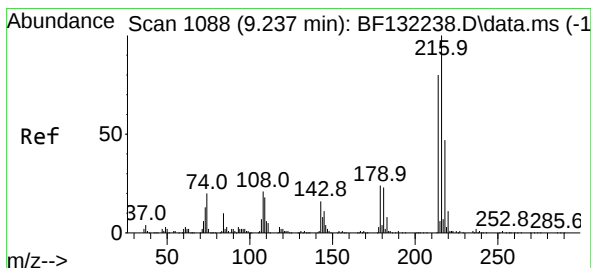
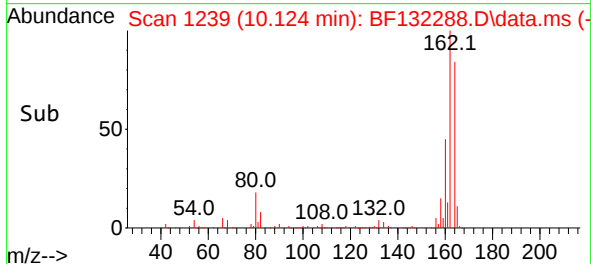
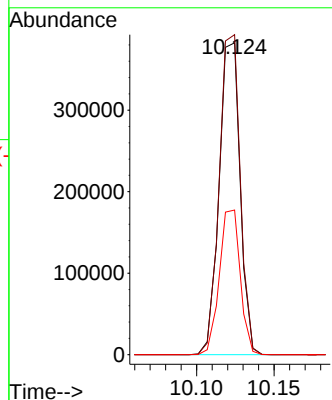
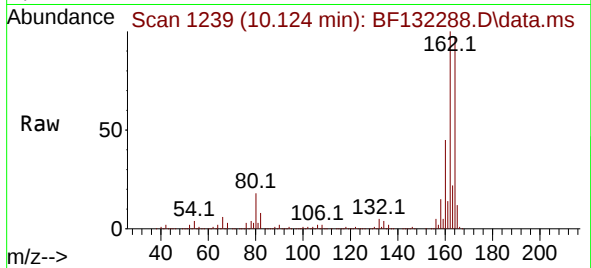




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.124 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

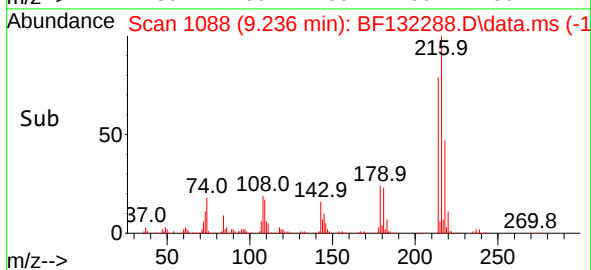
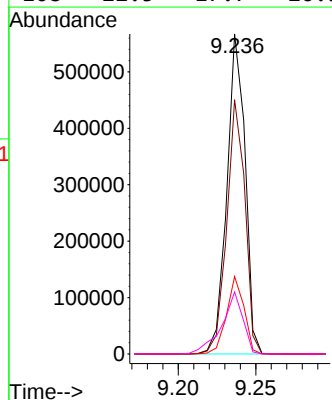
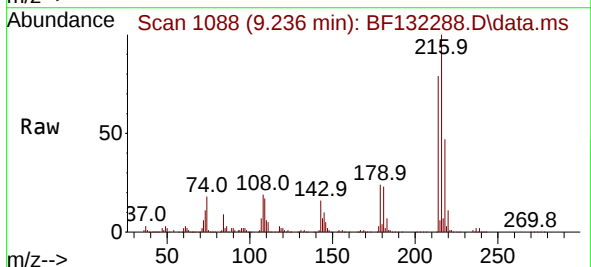
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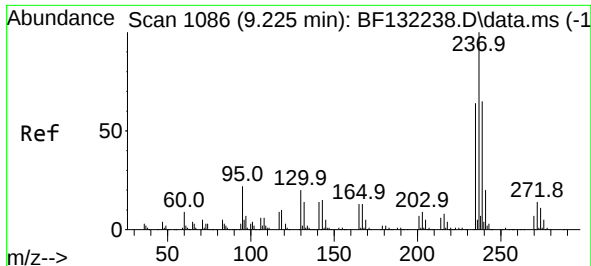
Tgt Ion:164 Resp: 361825
Ion Ratio Lower Upper
164 100
162 102.6 82.0 123.0
160 46.4 37.1 55.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.555 ng
RT: 9.236 min Scan# 1088
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion:216 Resp: 463846
Ion Ratio Lower Upper
216 100
214 78.9 63.6 95.4
179 23.2 18.3 27.5
108 22.5 17.7 26.5

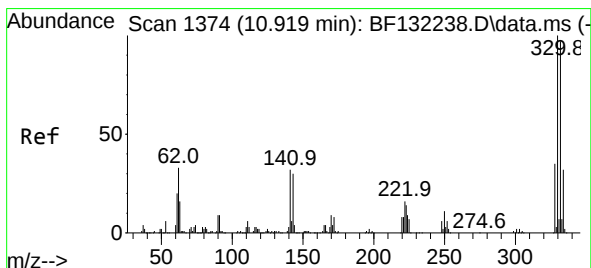
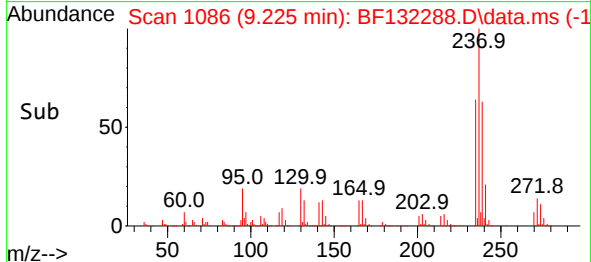
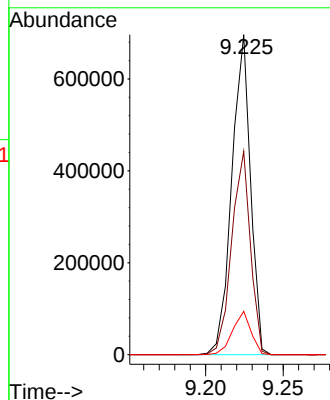
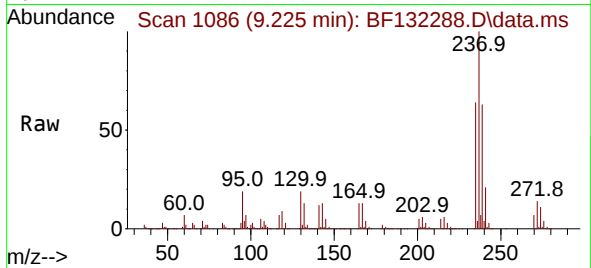




#41
Hexachlorocyclopentadiene
Concen: 98.258 ng
RT: 9.225 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

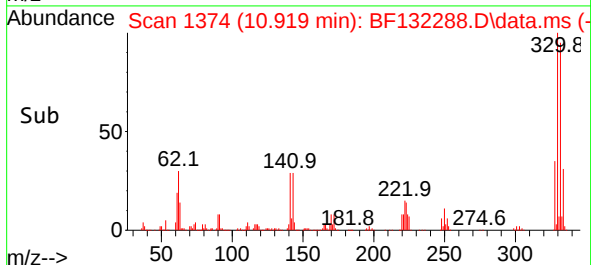
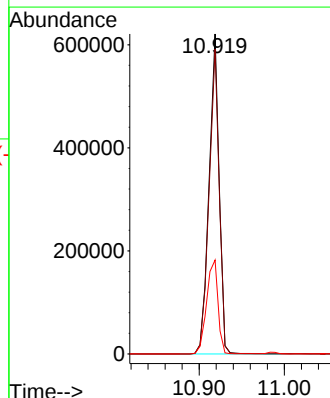
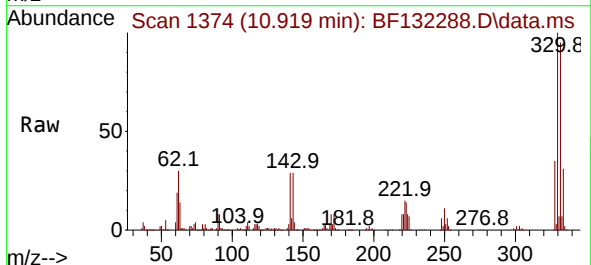
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

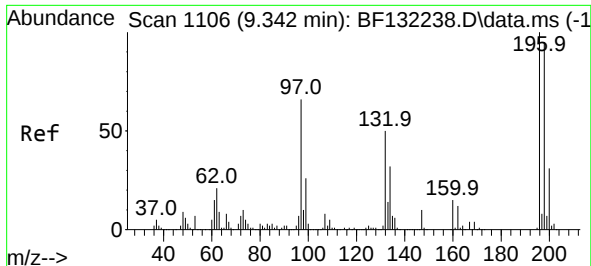
Tgt Ion:237 Resp: 583711
Ion Ratio Lower Upper
237 100
235 63.6 43.5 83.5
272 13.6 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 137.745 ng
RT: 10.919 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion:330 Resp: 512530
Ion Ratio Lower Upper
330 100
332 95.8 77.9 116.9
141 33.1 31.0 46.4

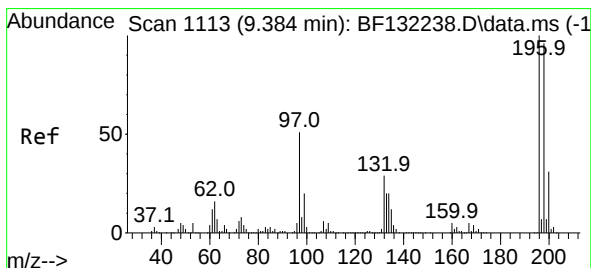
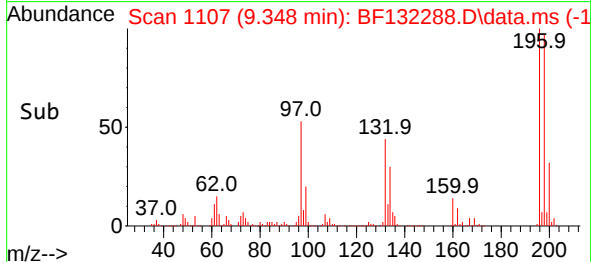
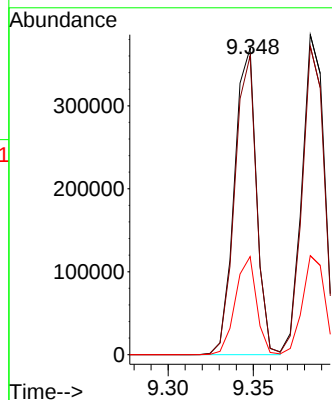
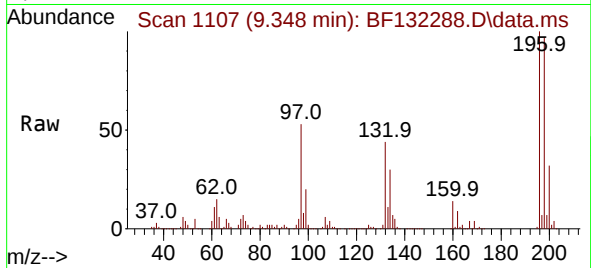




#43
2,4,6-Trichlorophenol
Concen: 45.800 ng
RT: 9.348 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

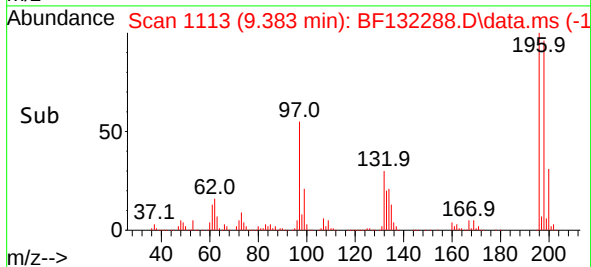
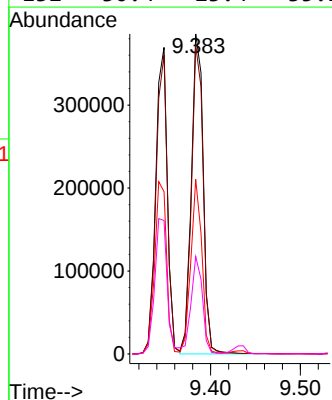
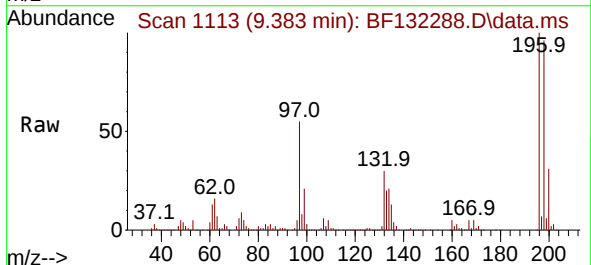
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

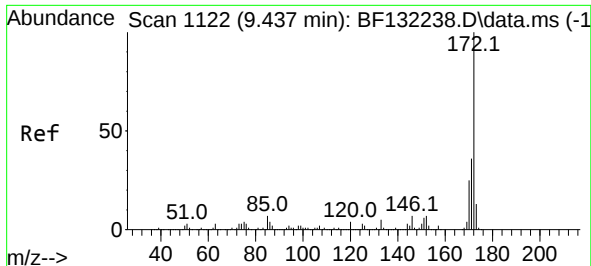
Tgt Ion:196 Resp: 333354
Ion Ratio Lower Upper
196 100
198 97.5 75.9 113.9
200 32.0 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 42.492 ng
RT: 9.383 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion:196 Resp: 355977
Ion Ratio Lower Upper
196 100
198 96.4 77.0 115.4
97 54.6 41.2 61.8
132 30.4 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 78.868 ng

RT: 9.436 min Scan# 1122

Delta R.T. -0.001 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723MS

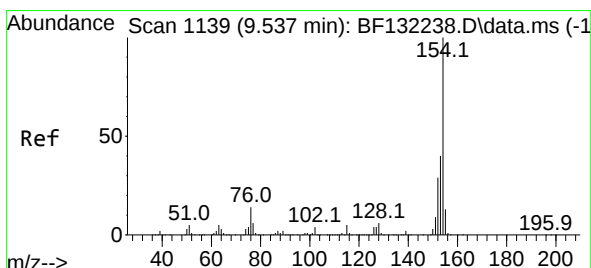
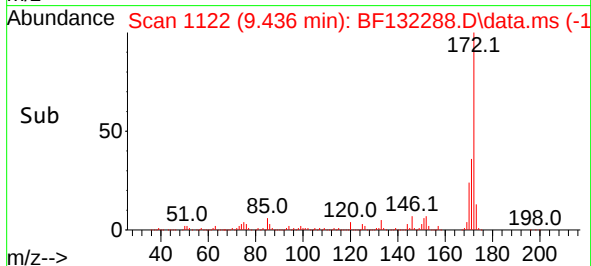
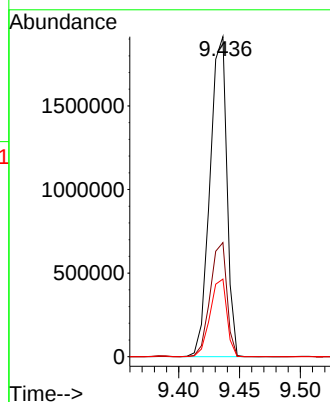
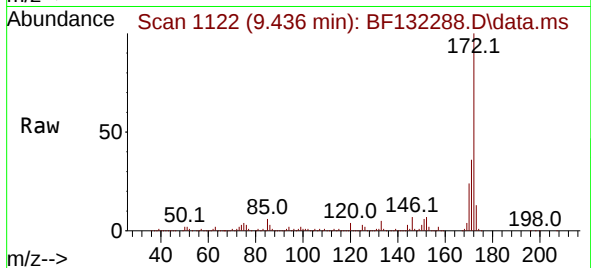
Tgt Ion:172 Resp: 1847910

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 24.3 19.7 29.5



#46

1,1'-Biphenyl

Concen: 43.401 ng

RT: 9.536 min Scan# 1139

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

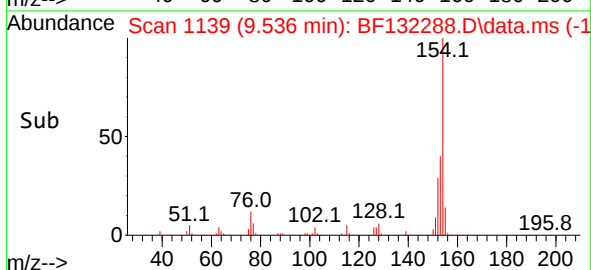
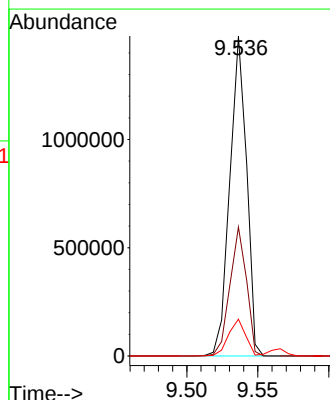
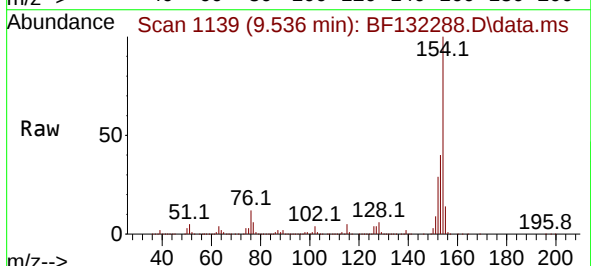
Tgt Ion:154 Resp: 1210670

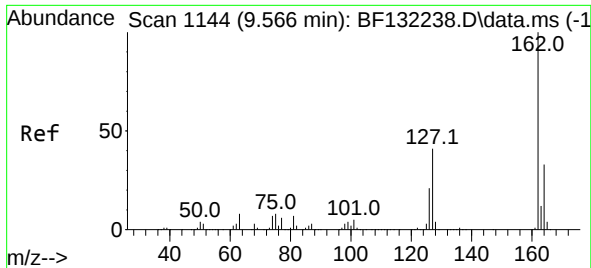
Ion Ratio Lower Upper

154 100

153 40.3 19.9 59.9

76 11.5 0.0 34.0





#47

2-Chloronaphthalene

Concen: 44.157 ng

RT: 9.566 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BF132288.D

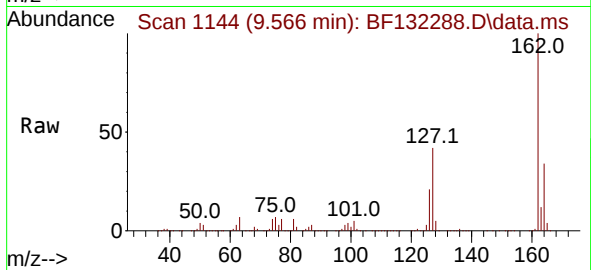
Acq: 02 Feb 2023 12:50

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723MS



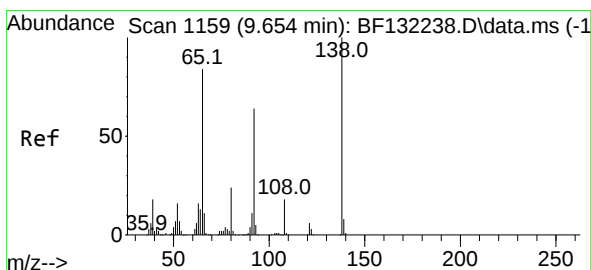
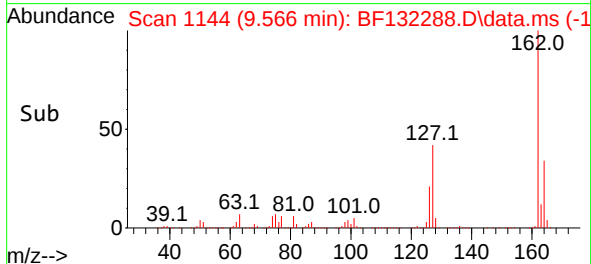
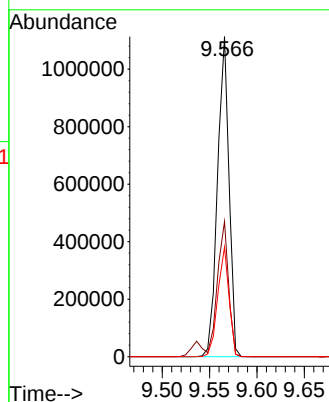
Tgt Ion:162 Resp: 938149

Ion Ratio Lower Upper

162 100

127 42.2 33.3 49.9

164 34.3 26.8 40.2



#48

2-Nitroaniline

Concen: 39.253 ng

RT: 9.654 min Scan# 1159

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

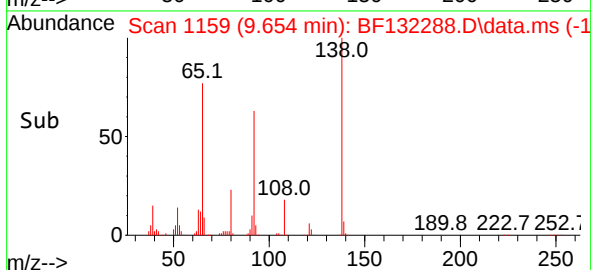
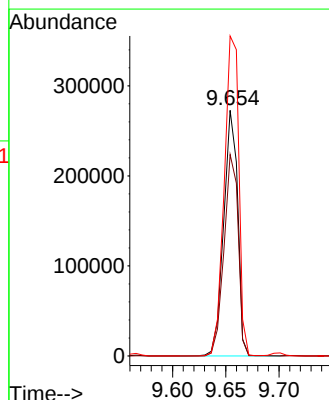
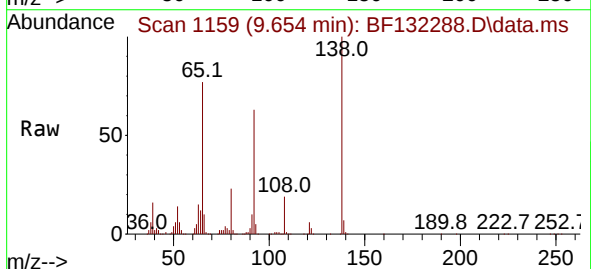
Tgt Ion: 65 Resp: 248025

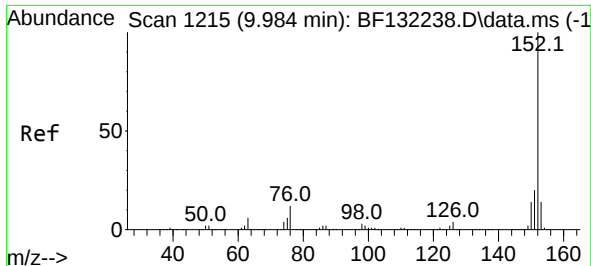
Ion Ratio Lower Upper

65 100

92 82.0 61.0 91.4

138 130.3 95.0 142.4





#49

Acenaphthylene

Concen: 42.516 ng

RT: 9.983 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723MS

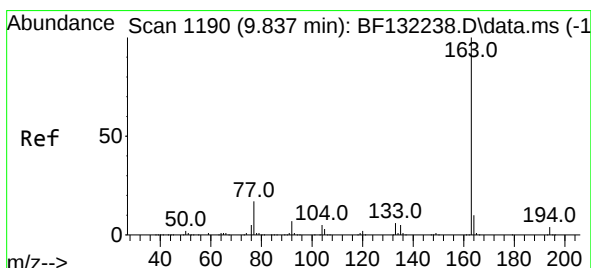
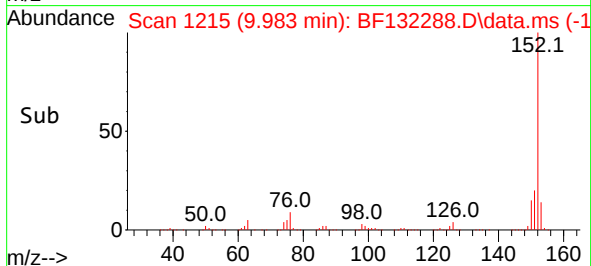
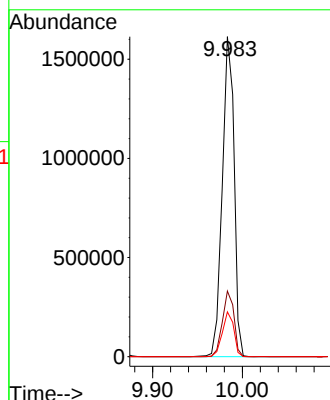
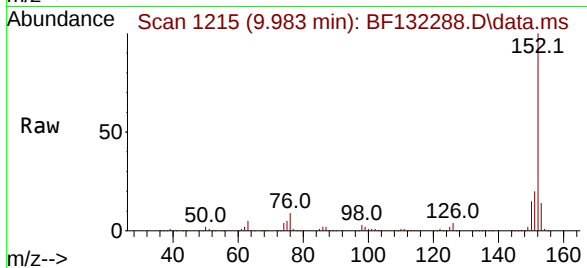
Tgt Ion:152 Resp: 1474233

Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

153 14.0 10.9 16.3



#50

Dimethylphthalate

Concen: 43.668 ng

RT: 9.836 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

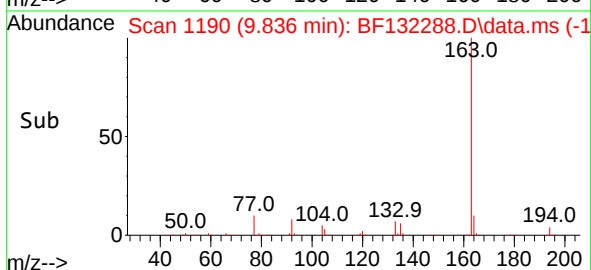
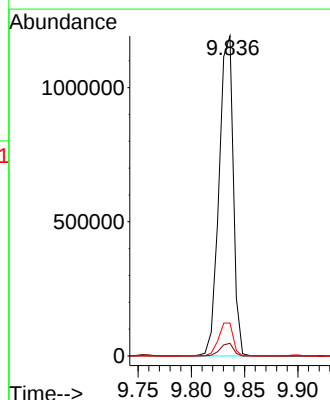
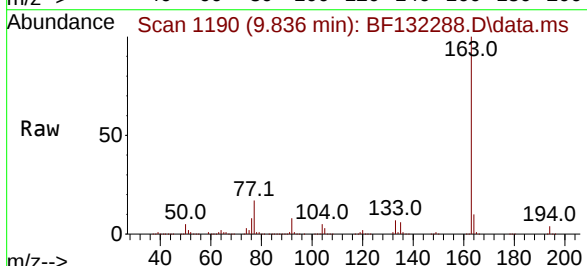
Tgt Ion:163 Resp: 1105226

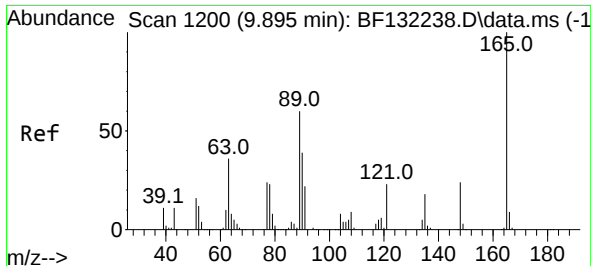
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

164 10.3 7.9 11.9

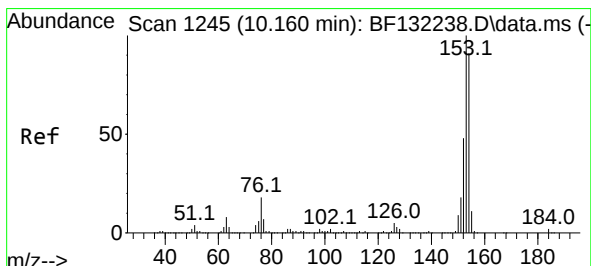
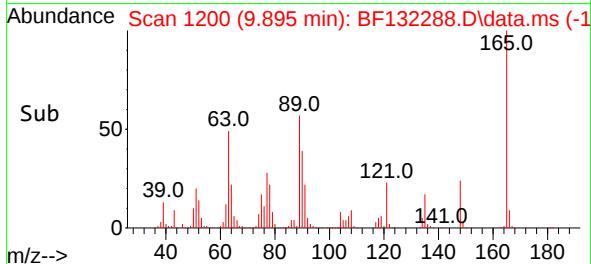
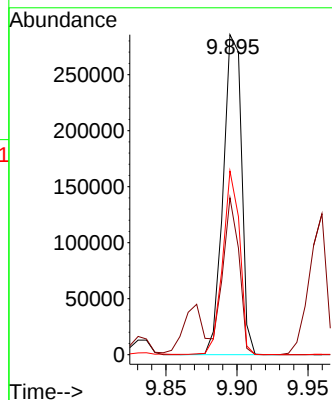
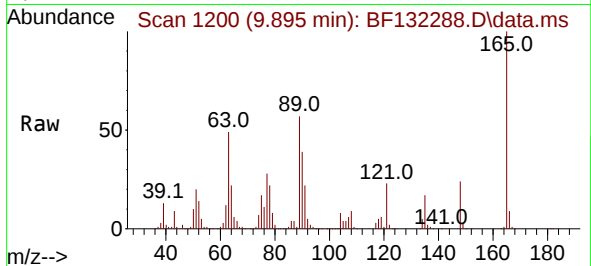




#51
2,6-Dinitrotoluene
Concen: 45.251 ng
RT: 9.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

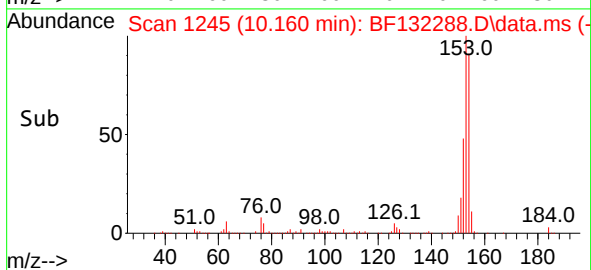
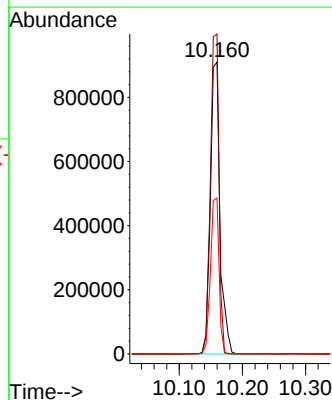
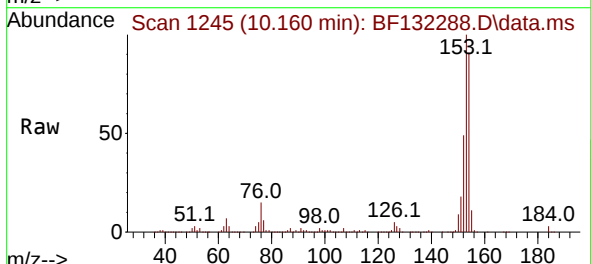
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

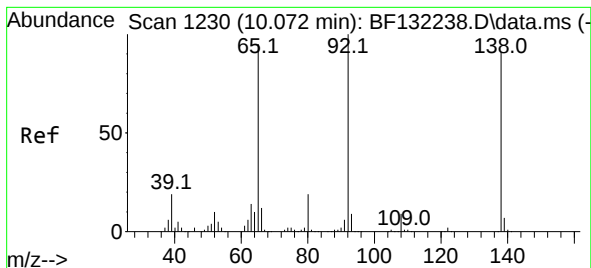
Tgt Ion:165 Resp: 255789
Ion Ratio Lower Upper
165 100
63 49.0 41.5 62.3
89 57.4 48.1 72.1



#52
Acenaphthene
Concen: 44.224 ng
RT: 10.160 min Scan# 1245
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion:154 Resp: 960043
Ion Ratio Lower Upper
154 100
153 109.7 88.3 132.5
152 53.4 42.7 64.1





#53

3-Nitroaniline

Concen: 14.811 ng

RT: 10.066 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723MS

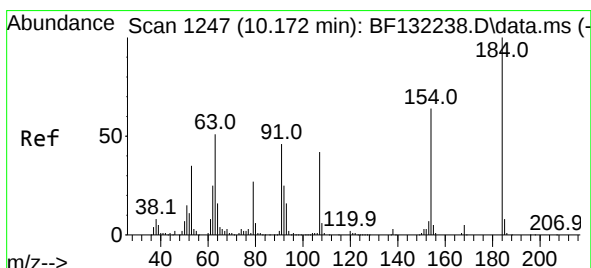
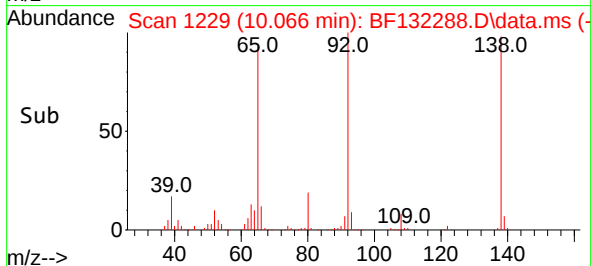
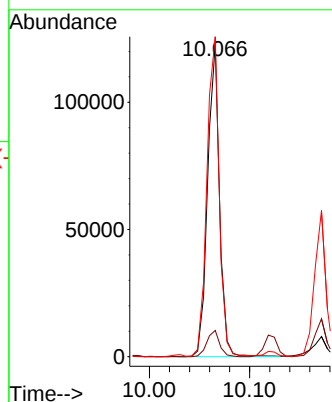
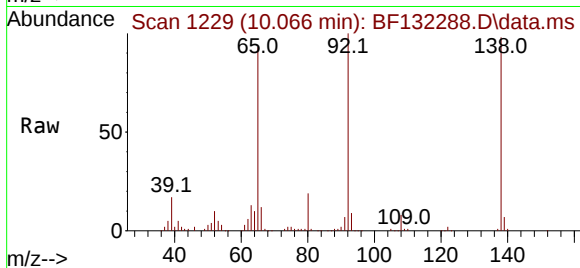
Tgt Ion:138 Resp: 101531

Ion Ratio Lower Upper

138 100

108 8.4 7.6 11.4

92 102.5 88.3 132.5



#54

2,4-Dinitrophenol

Concen: 56.454 ng

RT: 10.172 min Scan# 1247

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

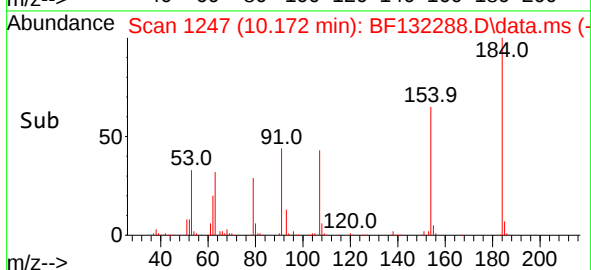
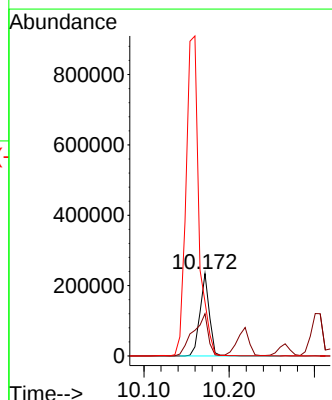
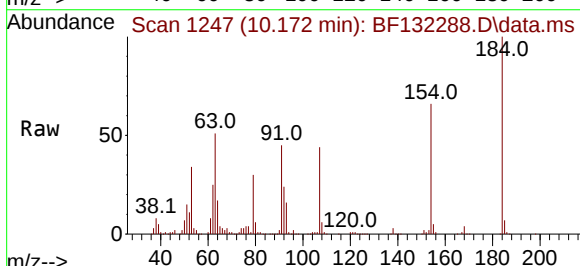
Tgt Ion:184 Resp: 180568

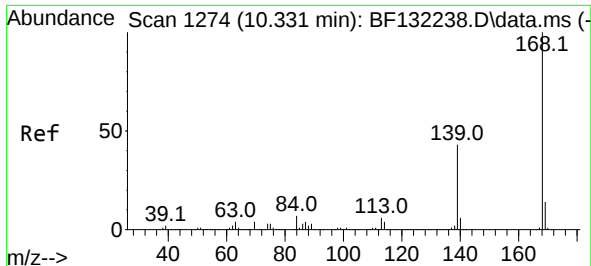
Ion Ratio Lower Upper

184 100

63 51.3 41.6 62.4

154 65.6 57.0 85.6

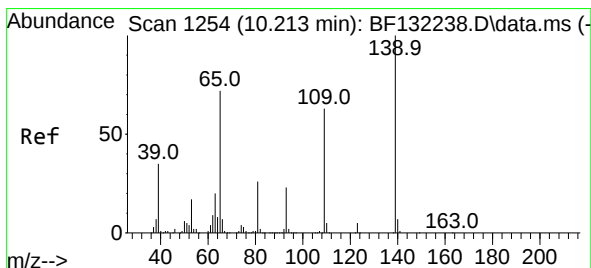
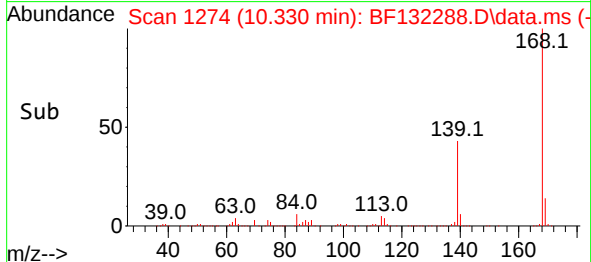
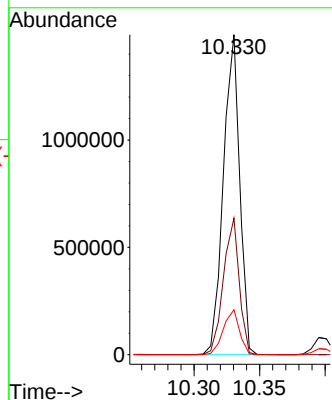
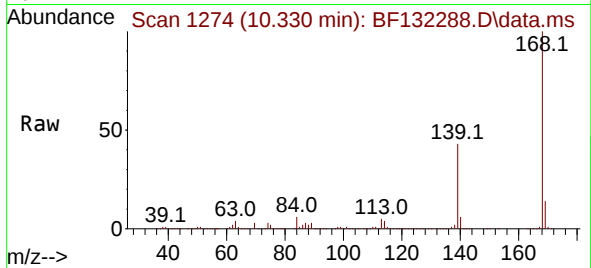




#55
Dibenzenofuran
Concen: 42.065 ng
RT: 10.330 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

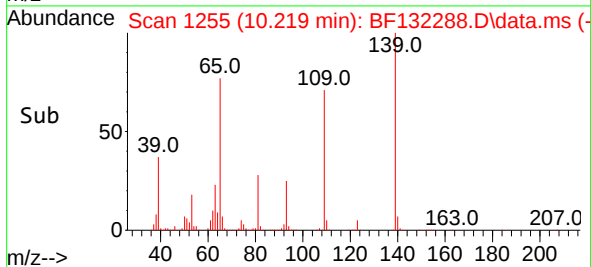
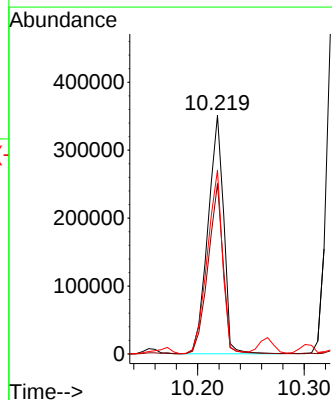
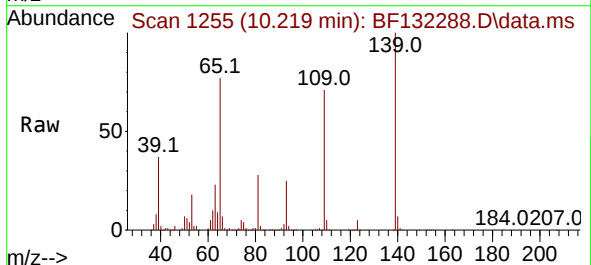
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

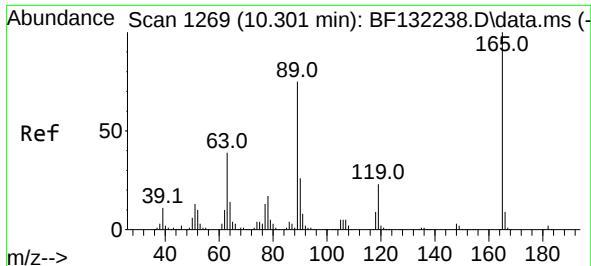
Tgt Ion:168 Resp: 1283047
Ion Ratio Lower Upper
168 100
139 42.7 34.2 51.4
169 14.0 11.2 16.8



#56
4-Nitrophenol
Concen: 69.855 ng
RT: 10.219 min Scan# 1255
Delta R.T. 0.006 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

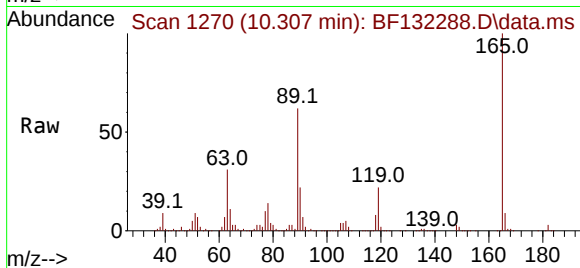
Tgt Ion:139 Resp: 360340
Ion Ratio Lower Upper
139 100
109 71.4 43.3 83.3
65 77.1 52.3 92.3



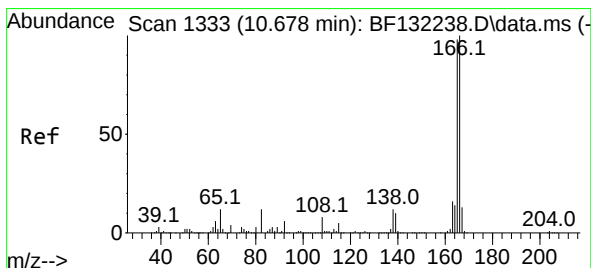
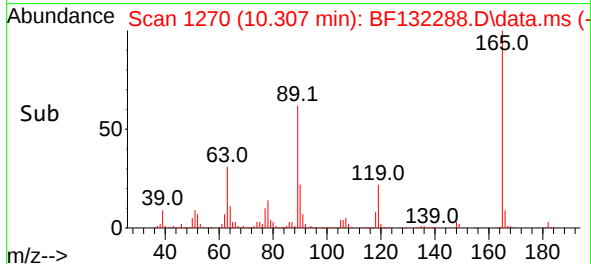
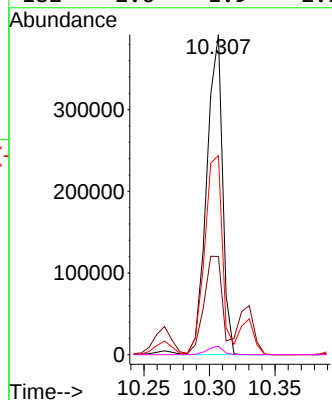


#57
2,4-Dinitrotoluene
Concen: 44.884 ng
RT: 10.307 min Scan# 1269
Delta R.T. 0.006 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

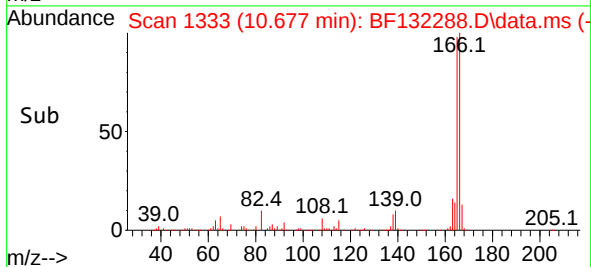
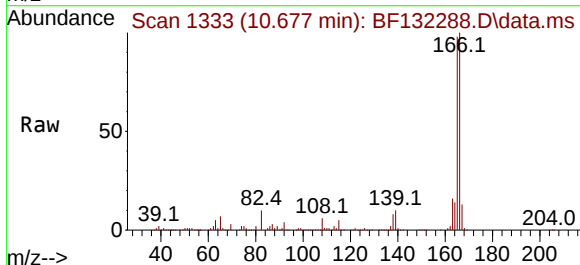
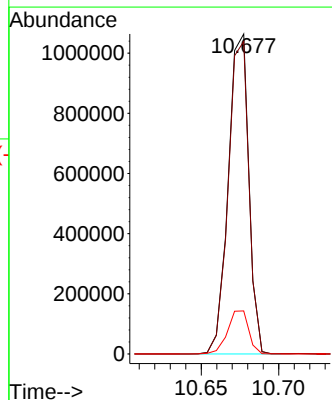


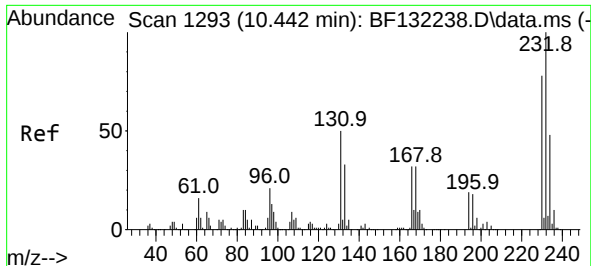
Tgt Ion:165 Resp: 329576
Ion Ratio Lower Upper
165 100
63 30.7 30.9 46.3#
89 62.3 60.1 90.1
182 2.6 1.9 2.9



#58
Fluorene
Concen: 41.806 ng
RT: 10.677 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion:166 Resp: 981360
Ion Ratio Lower Upper
166 100
165 97.6 78.0 117.0
167 13.5 10.8 16.2



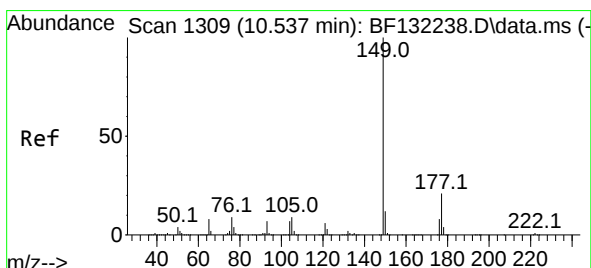
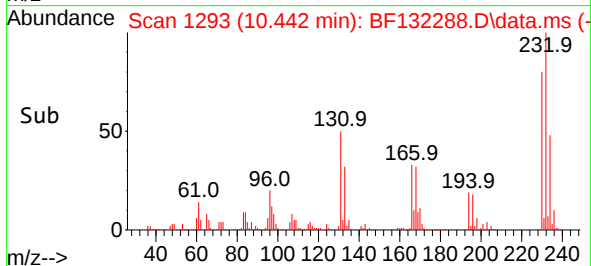
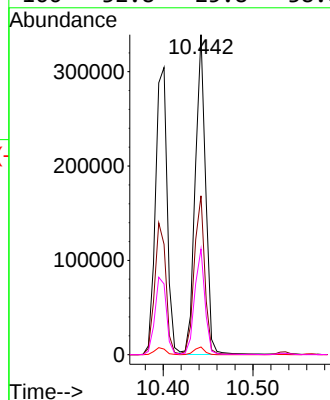
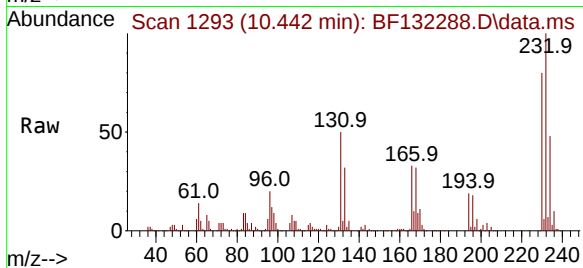


#59
2,3,4,6-Tetrachlorophenol
Concen: 44.839 ng
RT: 10.442 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

Tgt Ion:232 Resp: 273848

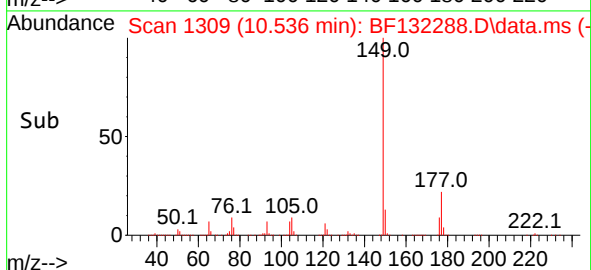
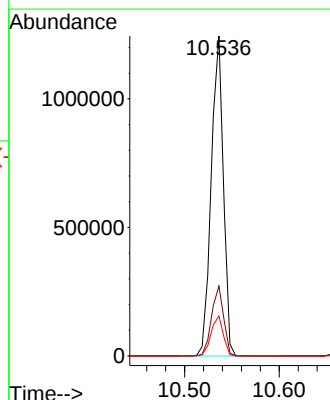
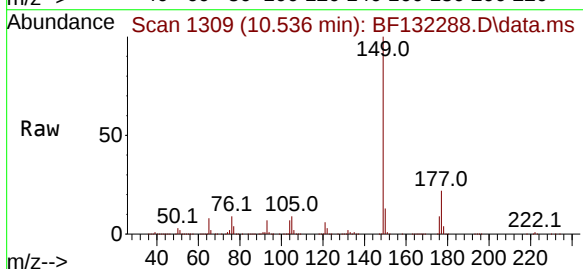
Ion	Ratio	Lower	Upper
232	100		
131	50.0	40.6	61.0
130	2.4	1.9	2.9
166	32.8	25.8	38.8

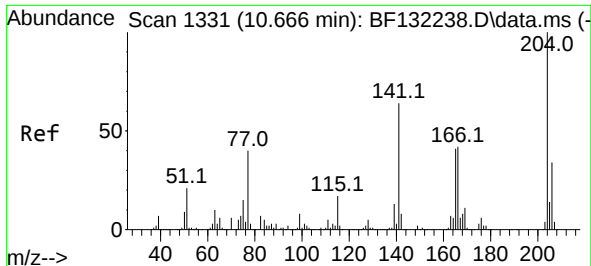


#60
Diethylphthalate
Concen: 43.834 ng
RT: 10.536 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion:149 Resp: 1103679

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.1	25.7
150	12.5	9.9	14.9

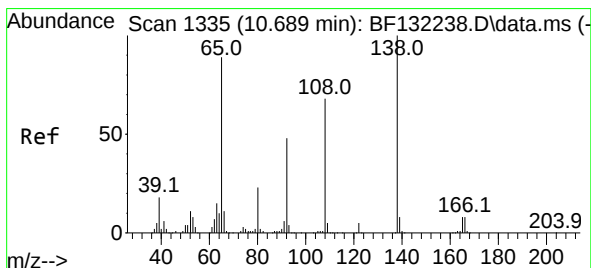
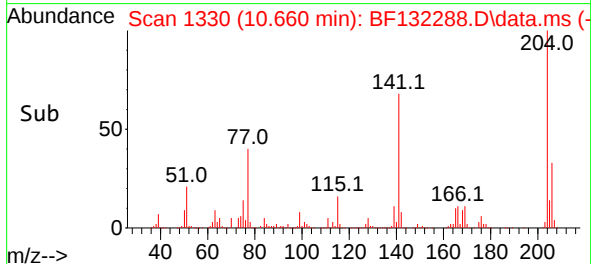
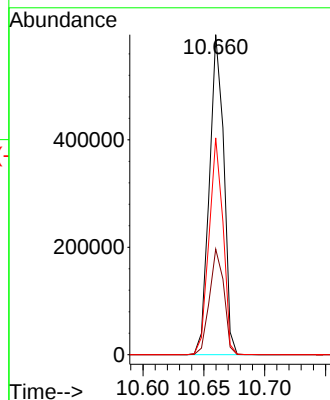
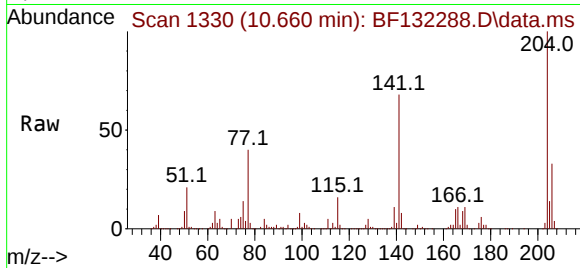




#61
4-Chlorophenyl-phenylether
Concen: 43.943 ng
RT: 10.660 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

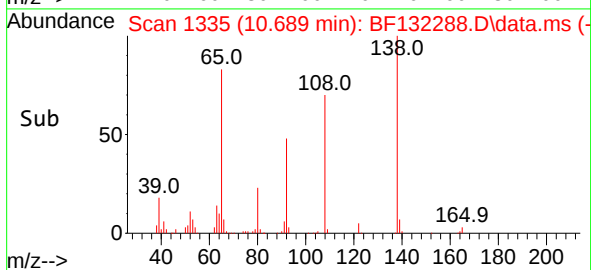
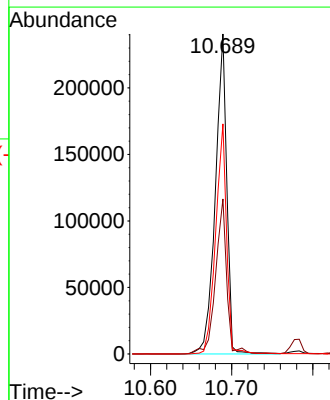
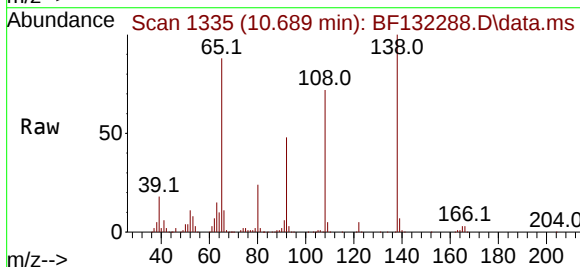
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

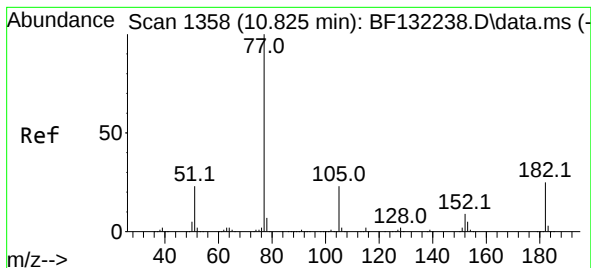
Tgt Ion:204 Resp: 489532
Ion Ratio Lower Upper
204 100
206 33.0 26.8 40.2
141 67.8 51.4 77.0



#62
4-Nitroaniline
Concen: 35.743 ng
RT: 10.689 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion:138 Resp: 234958
Ion Ratio Lower Upper
138 100
92 48.4 27.7 67.7
108 71.9 48.5 88.5





#63

Azobenzene

Concen: 39.235 ng

RT: 10.824 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723MS

Tgt Ion: 77 Resp: 962260

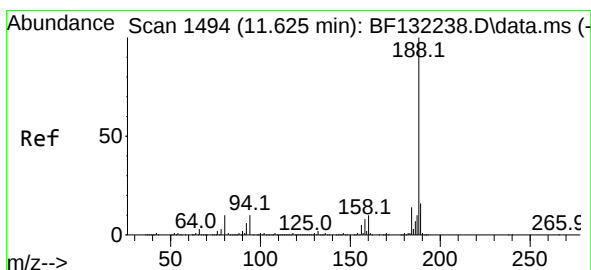
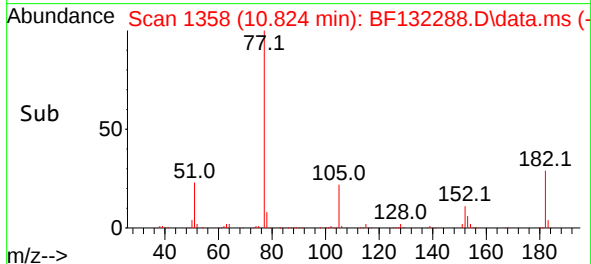
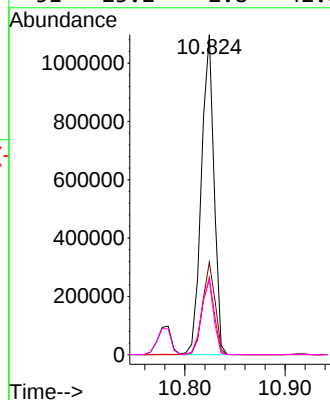
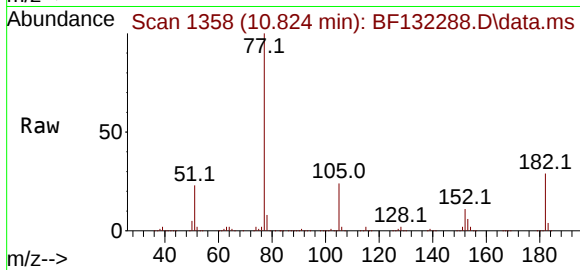
Ion Ratio Lower Upper

77 100

182 28.9 4.5 44.5

105 24.0 2.7 42.7

51 23.2 2.8 42.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.618 min Scan# 1493

Delta R.T. -0.006 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

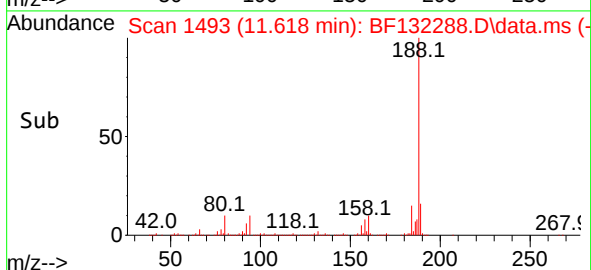
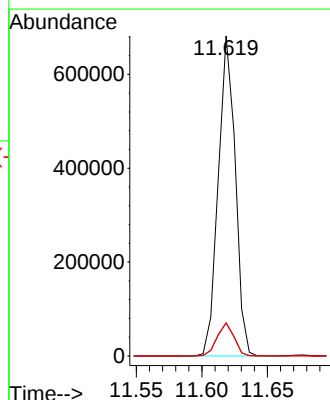
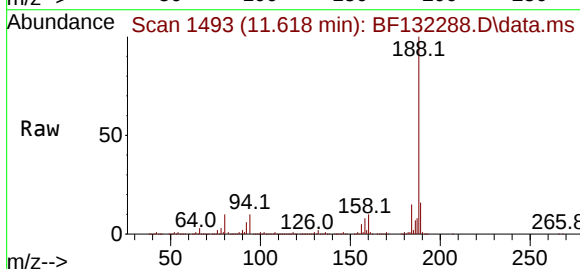
Tgt Ion: 188 Resp: 614781

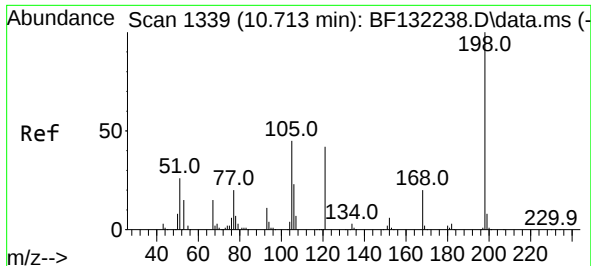
Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

80 10.3 8.3 12.5

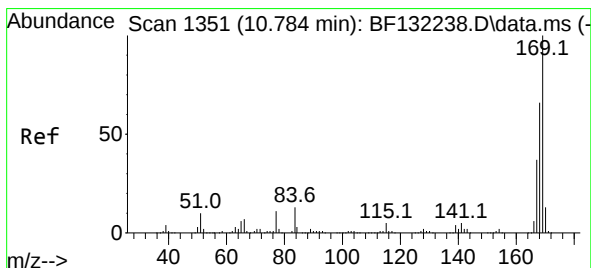
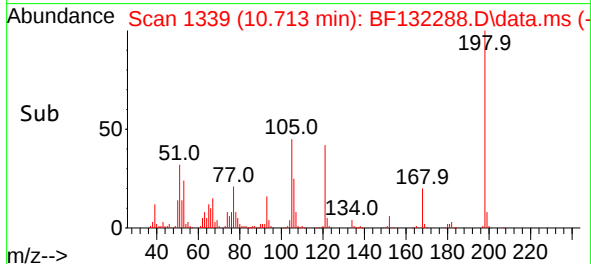
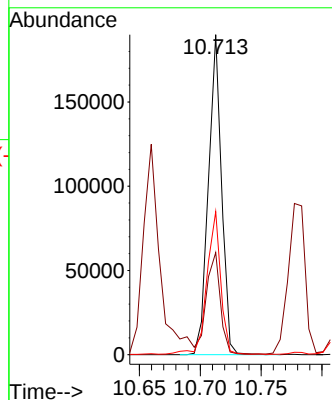
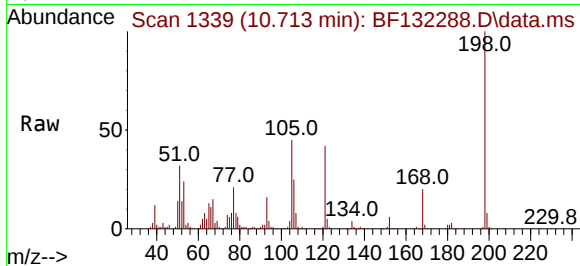




#65
4,6-Dinitro-2-methylphenol
Concen: 40.884 ng
RT: 10.713 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

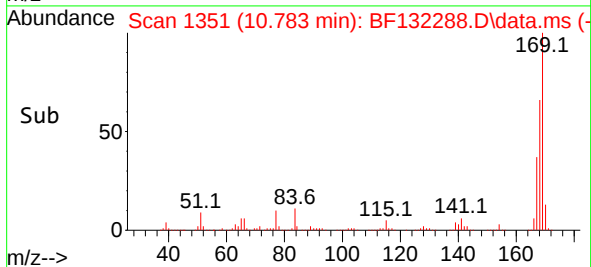
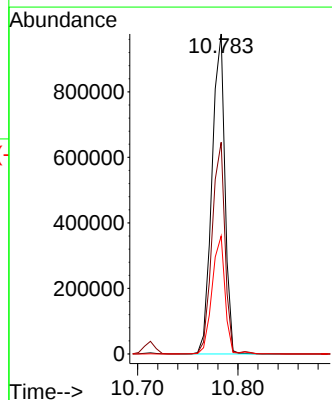
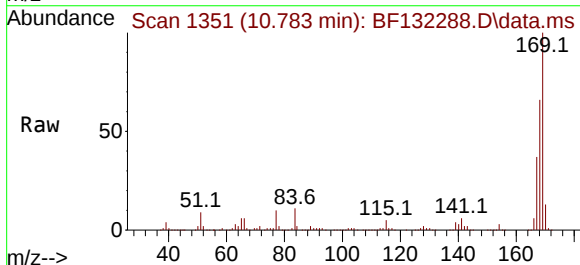
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

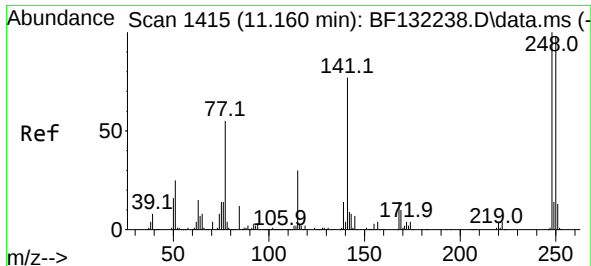
Tgt Ion:198 Resp: 142654
Ion Ratio Lower Upper
198 100
51 31.9 13.1 53.1
105 44.7 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 45.420 ng
RT: 10.783 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion:169 Resp: 874382
Ion Ratio Lower Upper
169 100
168 66.2 52.6 79.0
167 36.8 29.5 44.3

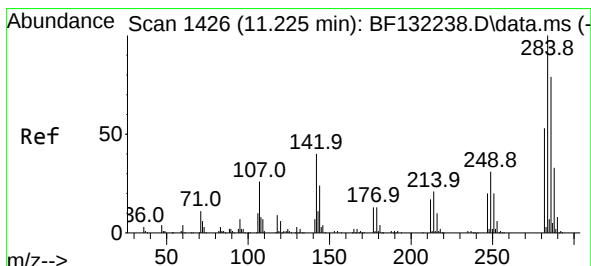
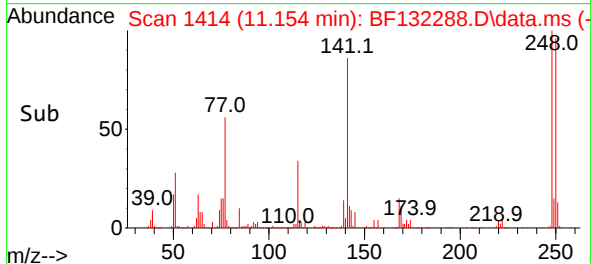
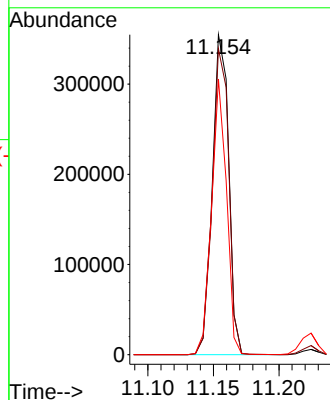
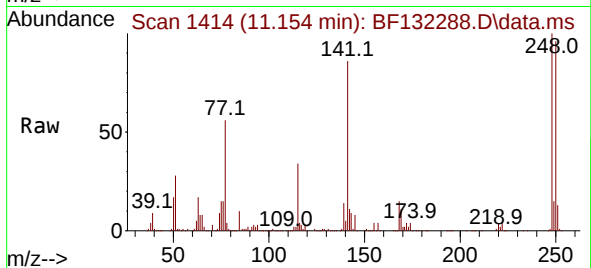




#67
4-Bromophenyl-phenylether
Concen: 49.000 ng
RT: 11.154 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

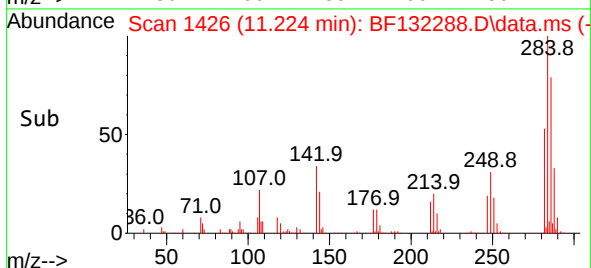
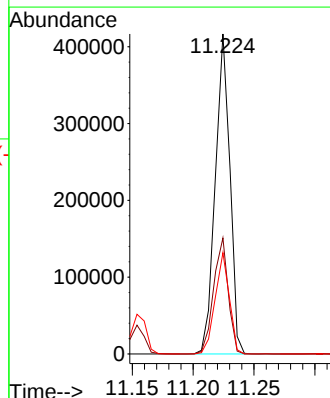
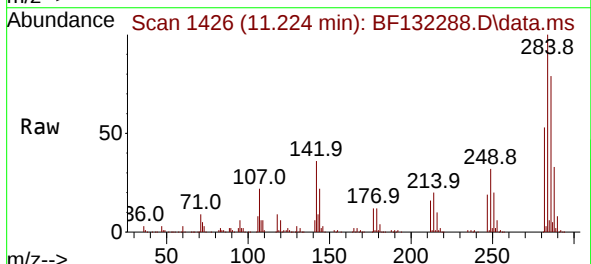
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

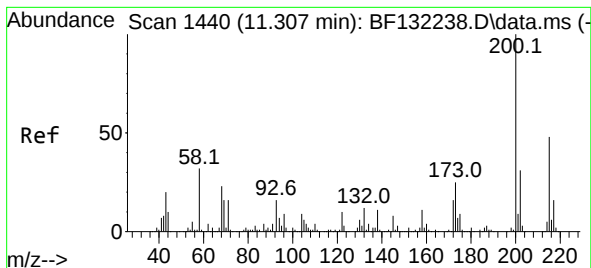
Tgt Ion:248 Resp: 308468
Ion Ratio Lower Upper
248 100
250 95.6 78.6 117.8
141 86.1 61.6 92.4



#68
Hexachlorobenzene
Concen: 51.461 ng
RT: 11.224 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion:284 Resp: 346266
Ion Ratio Lower Upper
284 100
142 36.3 32.2 48.4
249 31.6 25.0 37.6





#69

Atrazine

Concen: 51.350 ng

RT: 11.307 min Scan# 1440

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723MS

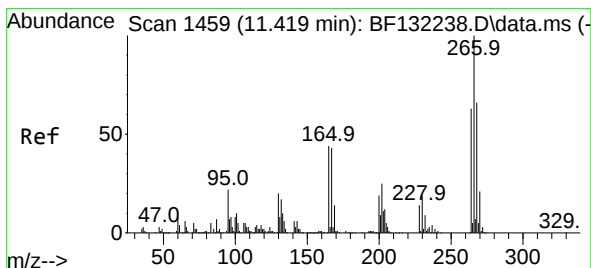
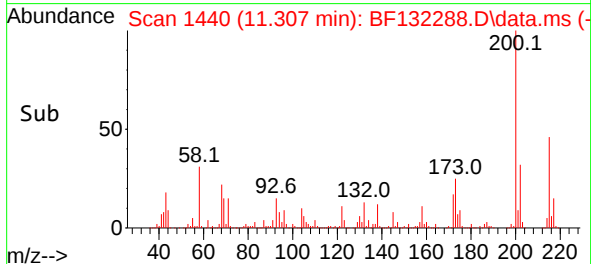
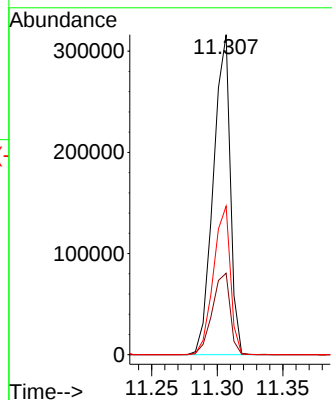
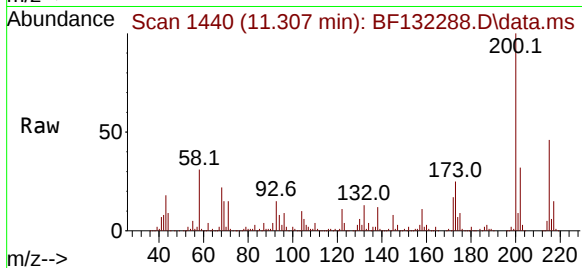
Tgt Ion:200 Resp: 284338

Ion Ratio Lower Upper

200 100

173 25.4 5.1 45.1

215 46.4 27.6 67.6



#70

Pentachlorophenol

Concen: 72.533 ng

RT: 11.419 min Scan# 1459

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

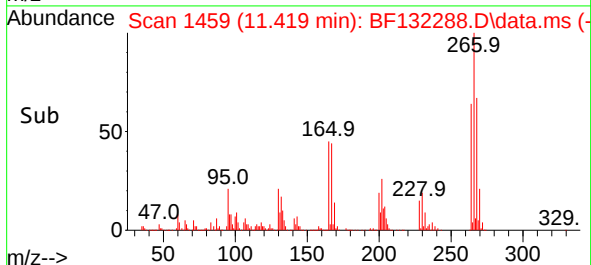
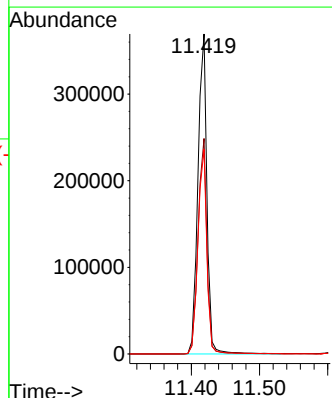
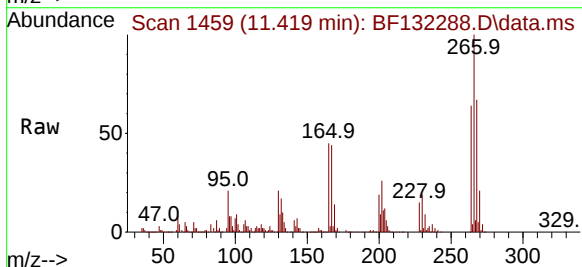
Tgt Ion:266 Resp: 335334

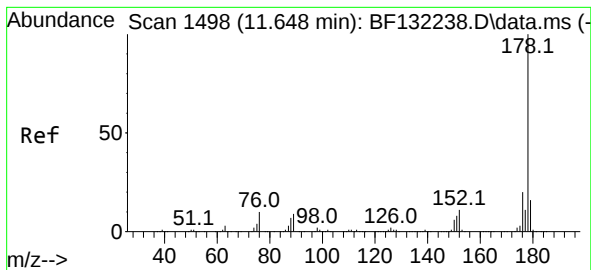
Ion Ratio Lower Upper

266 100

268 67.3 53.0 79.4

264 64.0 50.5 75.7





#71

Phenanthrene

Concen: 43.425 ng

RT: 11.648 min Scan# 1498

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723MS

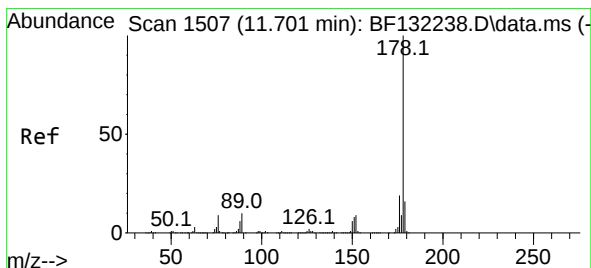
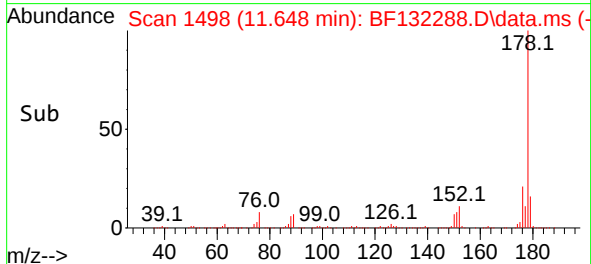
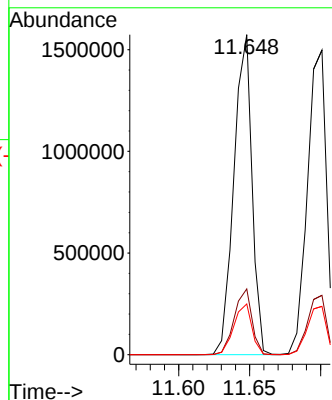
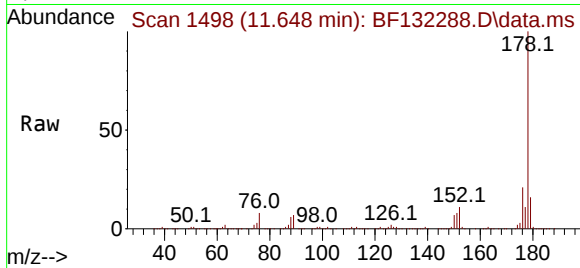
Tgt Ion:178 Resp: 1395052

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.4

179 15.8 12.8 19.2



#72

Anthracene

Concen: 42.931 ng

RT: 11.701 min Scan# 1507

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

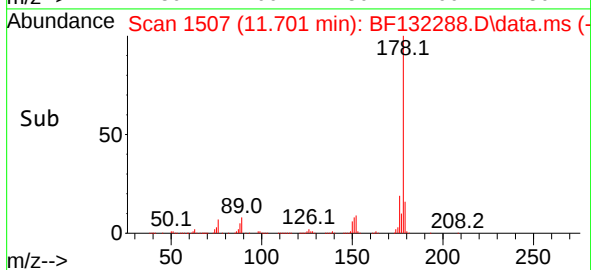
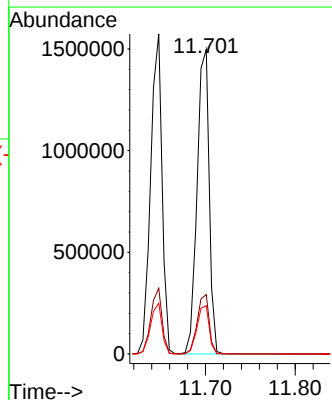
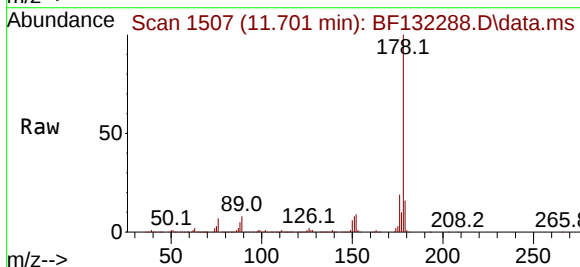
Tgt Ion:178 Resp: 1403593

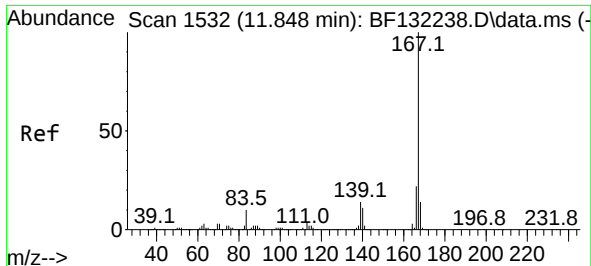
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.9 12.8 19.2

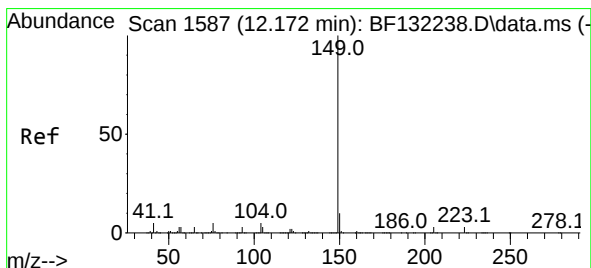
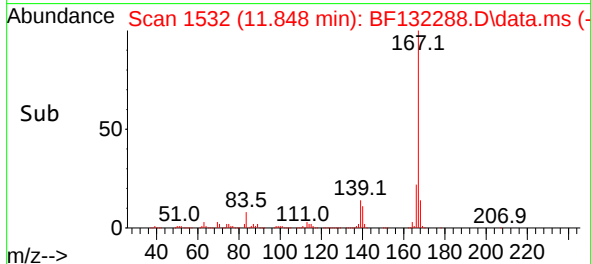
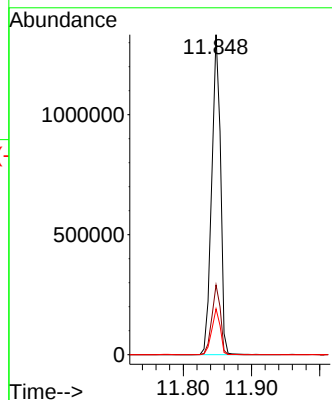
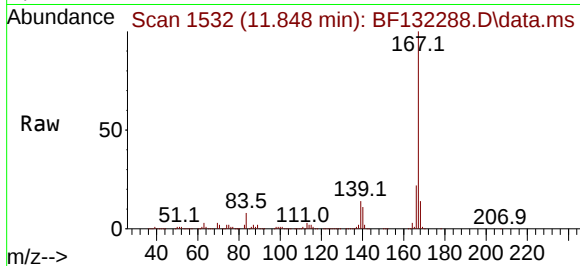




#73
 Carbazole
 Concen: 40.782 ng
 RT: 11.848 min Scan# 1532
 Delta R.T. -0.000 min
 Lab File: BF132288.D
 Acq: 02 Feb 2023 12:50

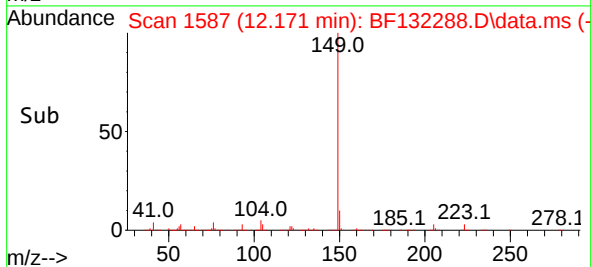
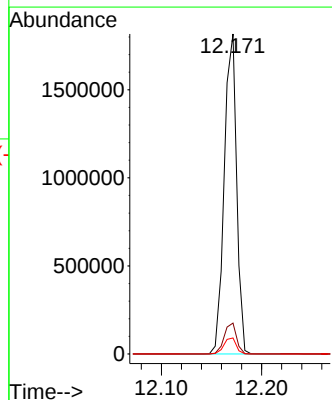
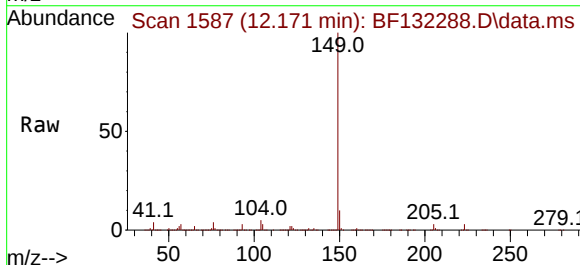
Instrument :
 BNA_F
 ClientSampleId :
 JPP-11-012723MS

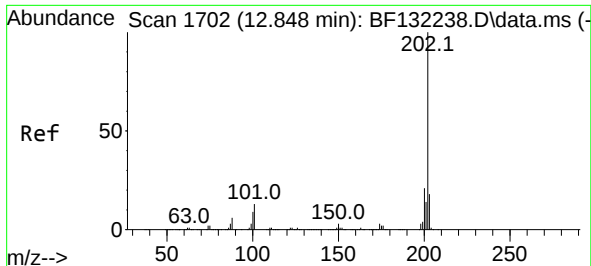
Tgt Ion:167 Resp: 1195540
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 14.3 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 44.826 ng
 RT: 12.171 min Scan# 1587
 Delta R.T. -0.000 min
 Lab File: BF132288.D
 Acq: 02 Feb 2023 12:50

Tgt Ion:149 Resp: 1553549
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 5.0 4.3 6.5

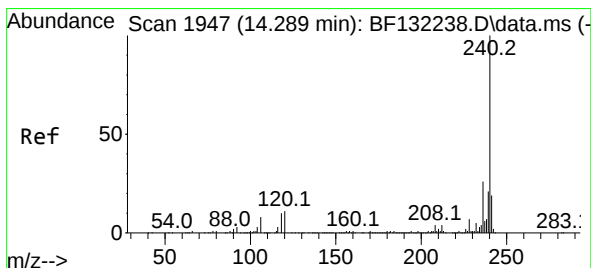
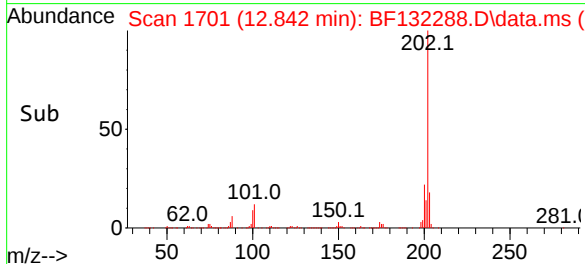
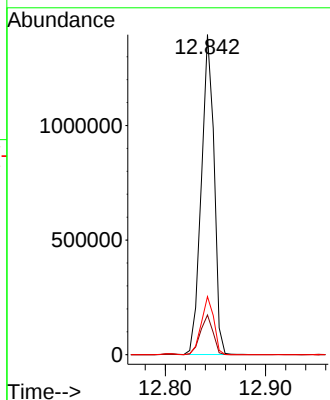
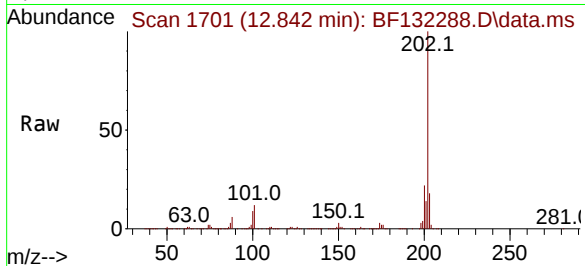




#75
Fluoranthene
Concen: 37.694 ng
RT: 12.842 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

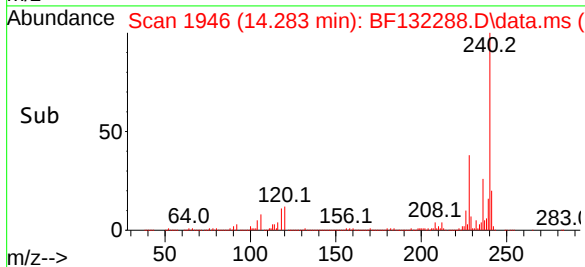
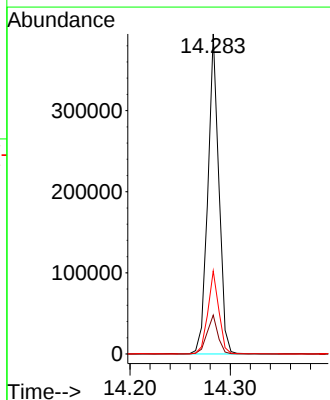
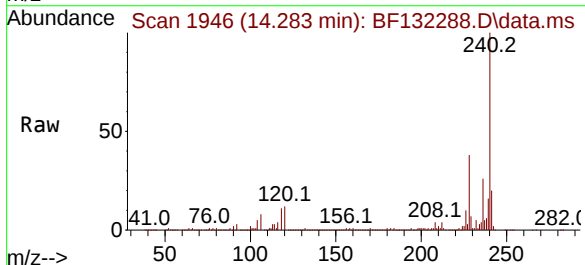
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

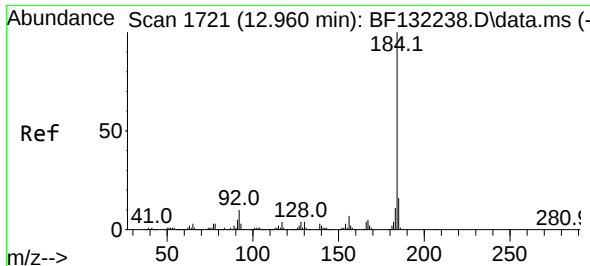
Tgt Ion:202 Resp: 1235734
Ion Ratio Lower Upper
202 100
101 12.4 0.0 32.7
203 18.1 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.283 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion:240 Resp: 300689
Ion Ratio Lower Upper
240 100
120 12.1 8.8 13.2
236 26.0 21.0 31.6

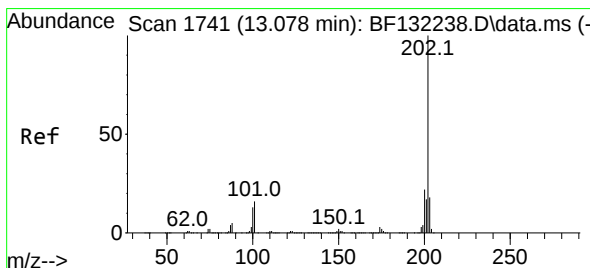
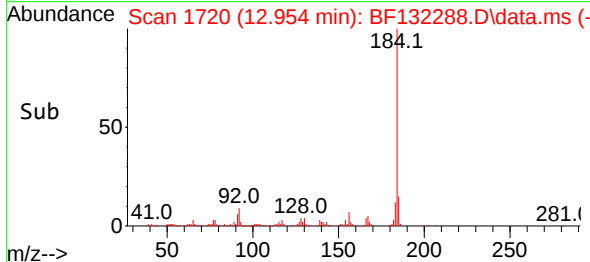
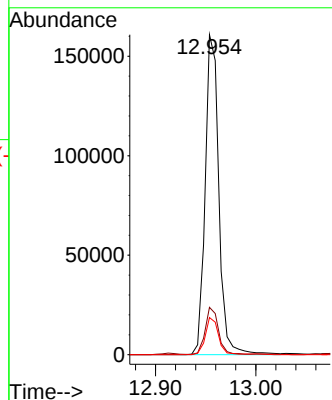
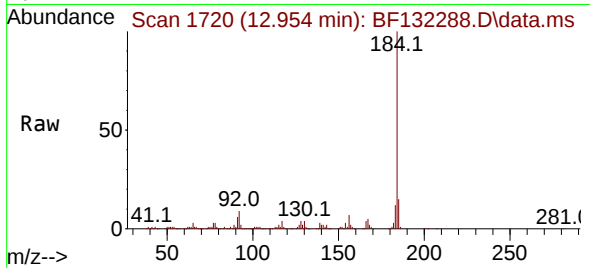




#77
Benzidine
Concen: 14.570 ng
RT: 12.954 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

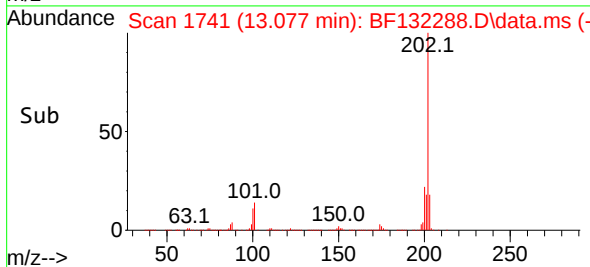
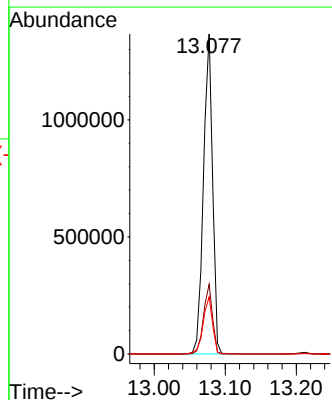
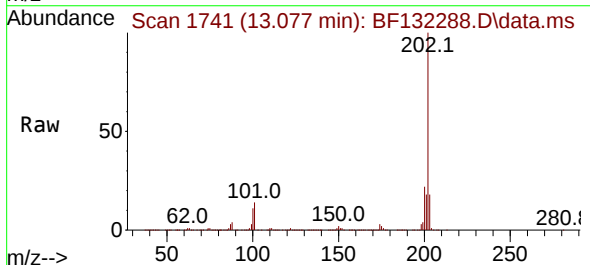
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

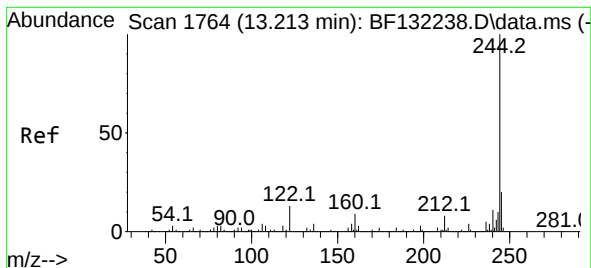
Tgt Ion:184 Resp: 153161
Ion Ratio Lower Upper
184 100
185 14.8 12.6 18.8
183 11.6 8.9 13.3



#78
Pyrene
Concen: 50.551 ng
RT: 13.077 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion:202 Resp: 1222548
Ion Ratio Lower Upper
202 100
200 21.8 17.3 25.9
203 17.9 14.4 21.6





#79

Terphenyl-d14

Concen: 107.584 ng

RT: 13.213 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723MS

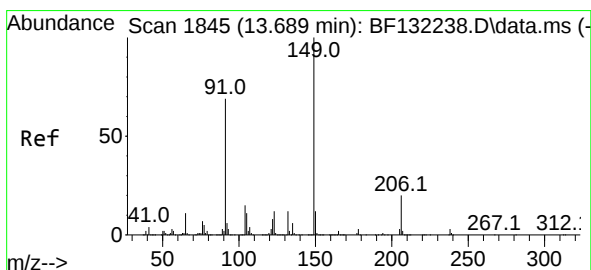
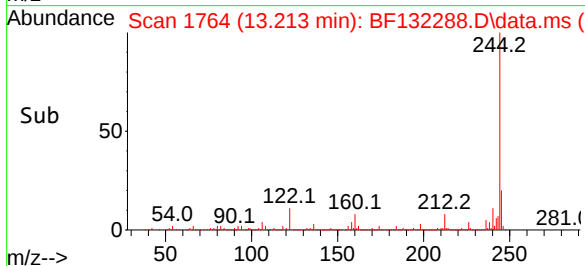
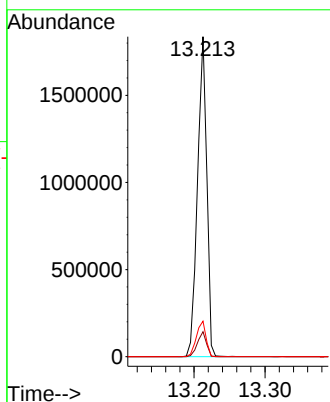
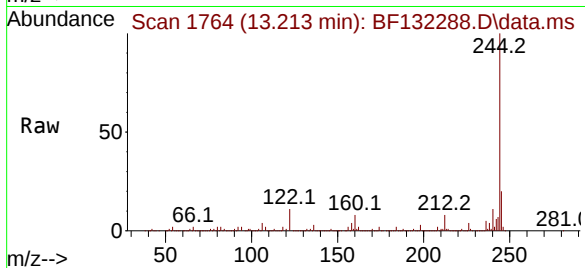
Tgt Ion:244 Resp: 1672319

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

122 11.1 10.5 15.7



#80

Butylbenzylphthalate

Concen: 51.225 ng

RT: 13.683 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

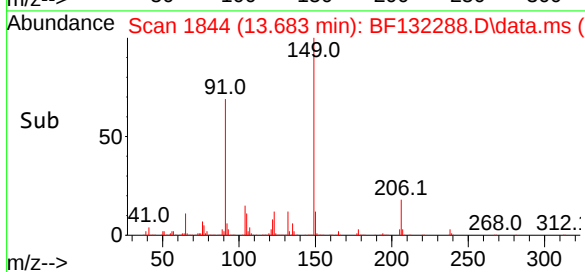
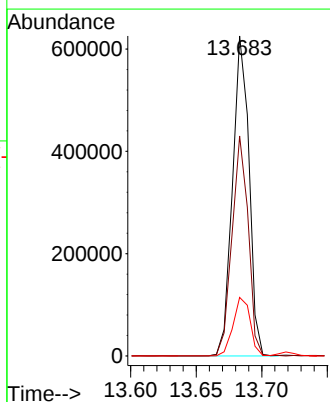
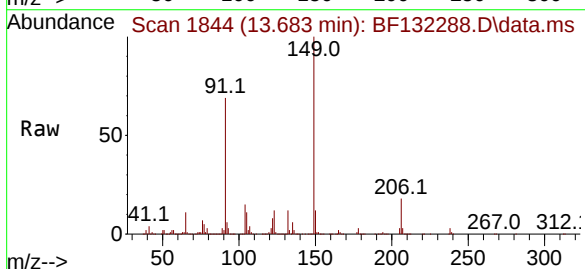
Tgt Ion:149 Resp: 547340

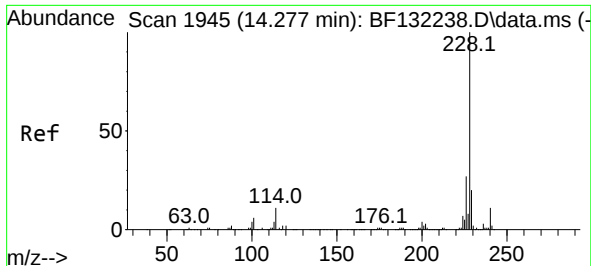
Ion Ratio Lower Upper

149 100

91 68.7 55.0 82.6

206 18.3 15.9 23.9

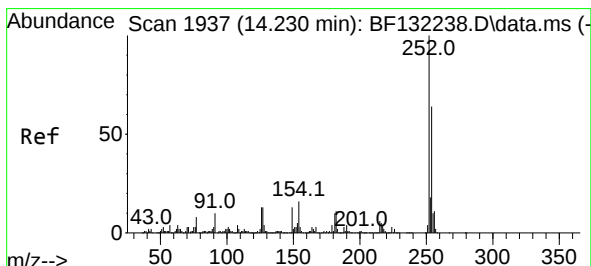
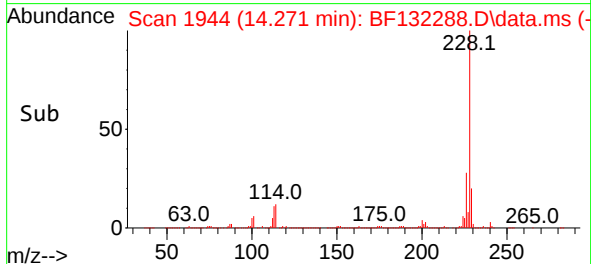
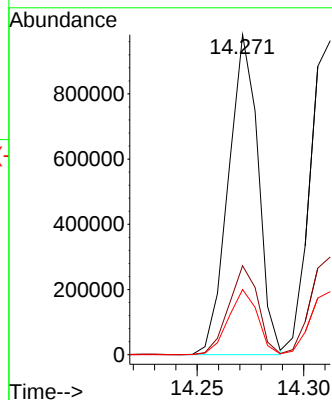
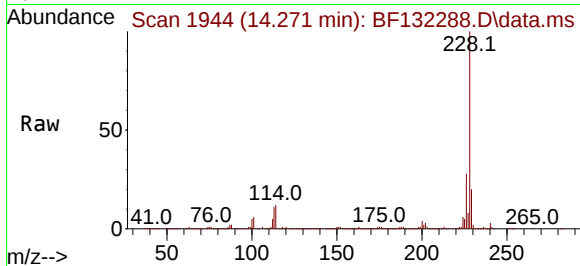




#81
Benzo(a)anthracene
Concen: 45.371 ng
RT: 14.271 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

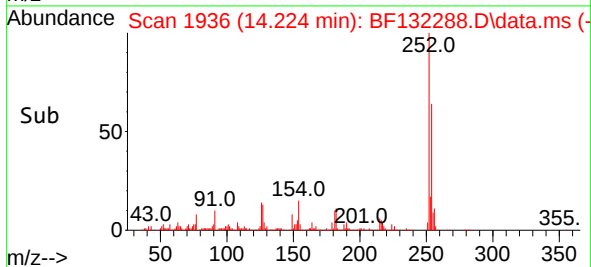
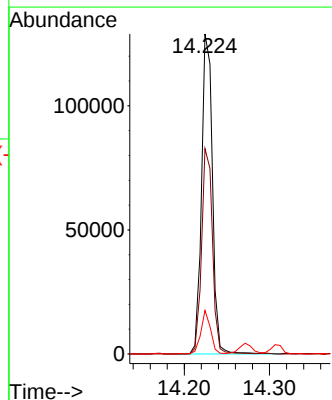
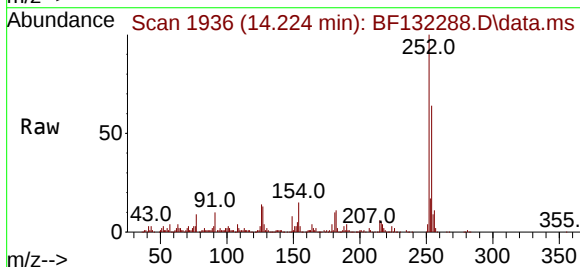
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

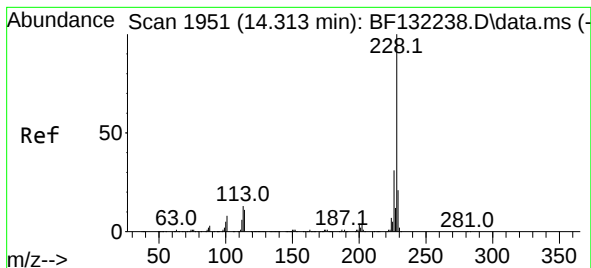
Tgt Ion:228 Resp: 954178
Ion Ratio Lower Upper
228 100
226 27.8 22.0 33.0
229 20.3 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 17.069 ng
RT: 14.224 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion:252 Resp: 114332
Ion Ratio Lower Upper
252 100
254 64.1 51.6 77.4
126 13.6 10.5 15.7





#83

Chrysene

Concen: 45.294 ng

RT: 14.312 min Scan# 1951

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723MS

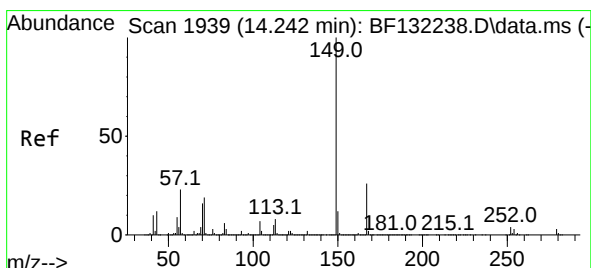
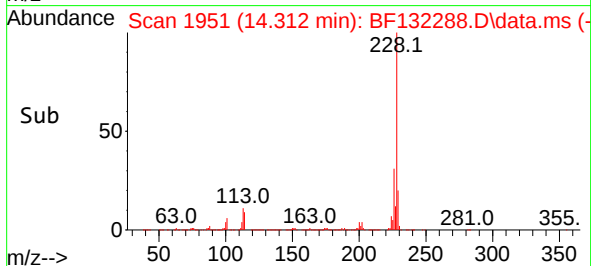
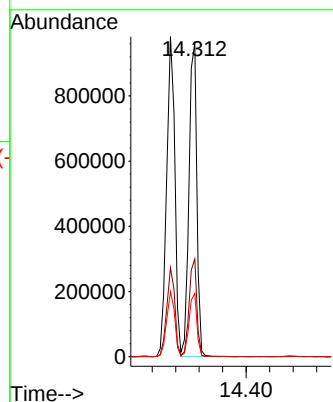
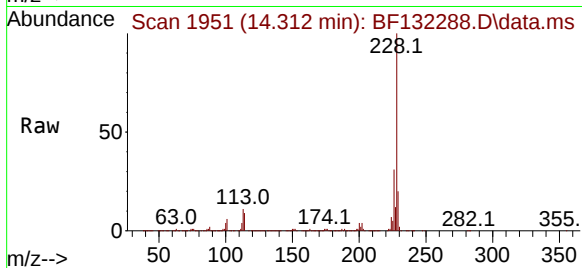
Tgt Ion:228 Resp: 891951

Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

229 20.1 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.095 ng

RT: 14.242 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

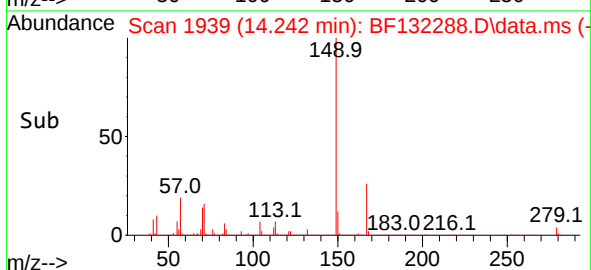
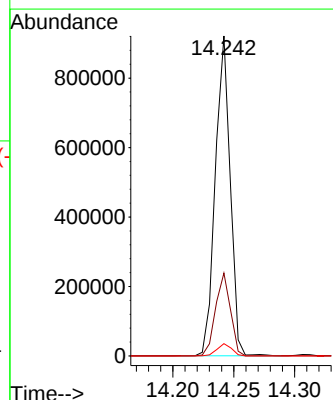
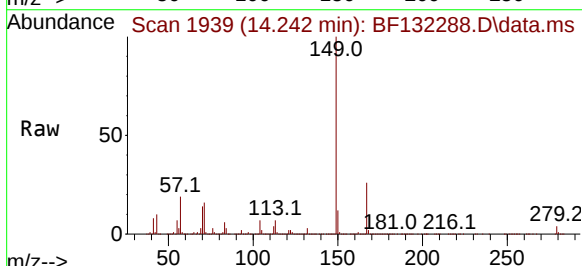
Tgt Ion:149 Resp: 781283

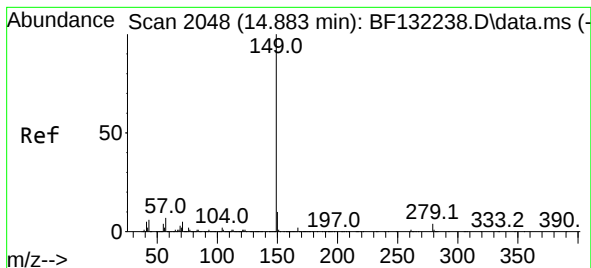
Ion Ratio Lower Upper

149 100

167 25.9 20.7 31.1

279 3.8 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 56.379 ng

RT: 14.877 min Scan# 2047

Delta R.T. -0.006 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723MS

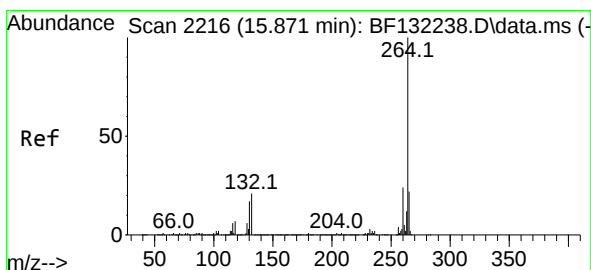
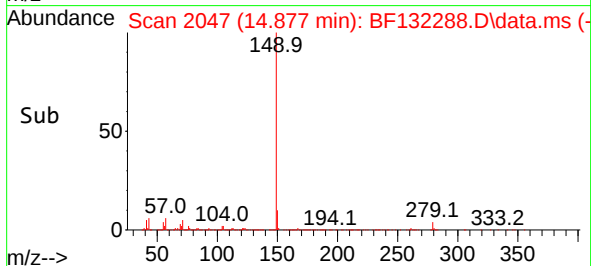
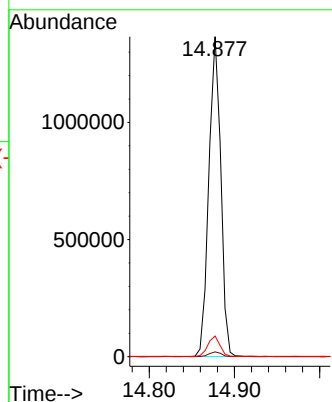
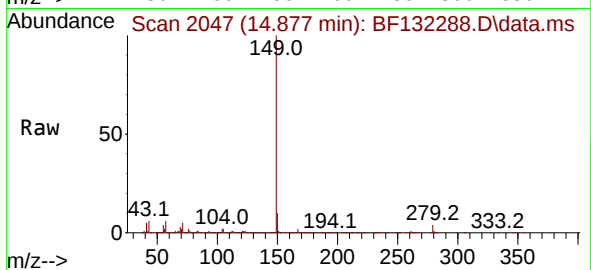
Tgt Ion:149 Resp: 1328114

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 6.3 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.871 min Scan# 2216

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

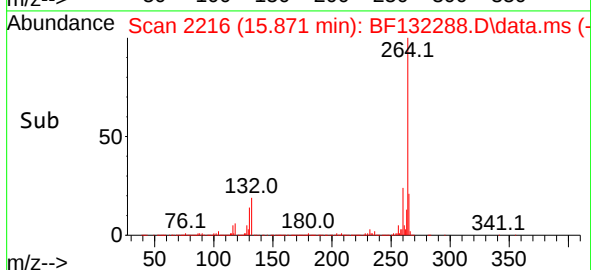
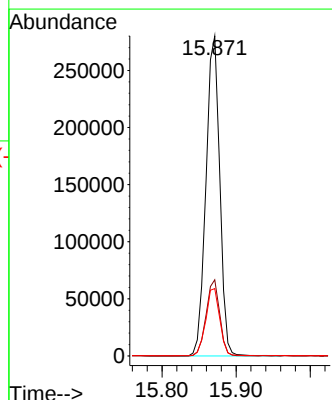
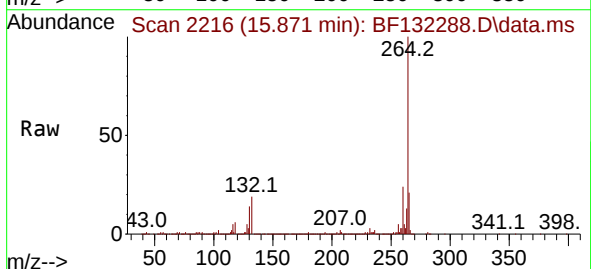
Tgt Ion:264 Resp: 362353

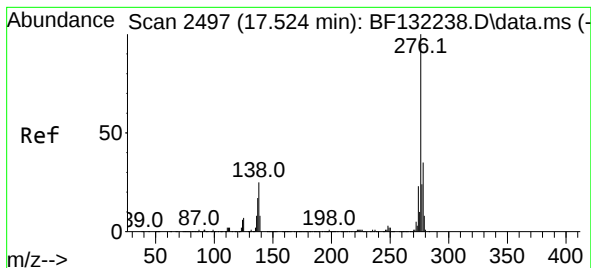
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 21.1 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.148 ng

RT: 17.524 min Scan# 2497

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723MS

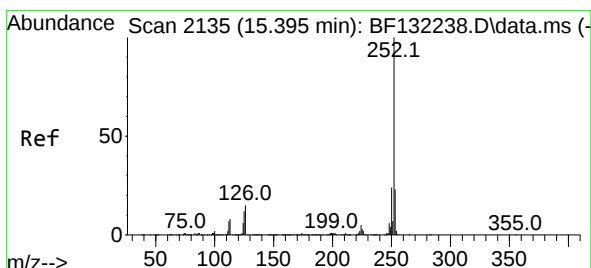
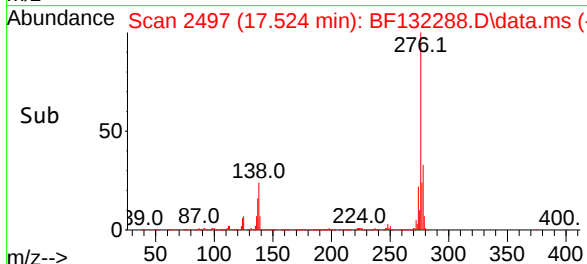
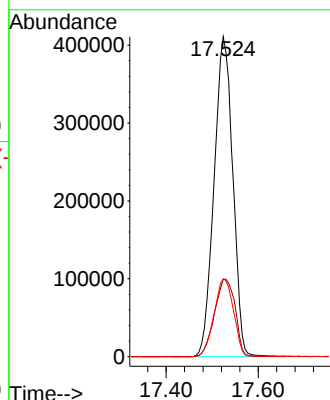
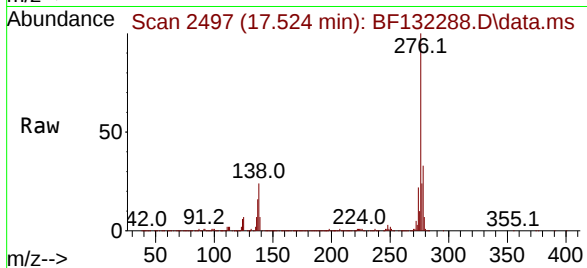
Tgt Ion:276 Resp: 1159260

Ion Ratio Lower Upper

276 100

138 26.6 23.3 34.9

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 44.303 ng

RT: 15.395 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

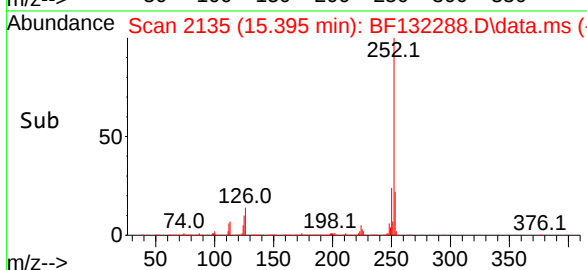
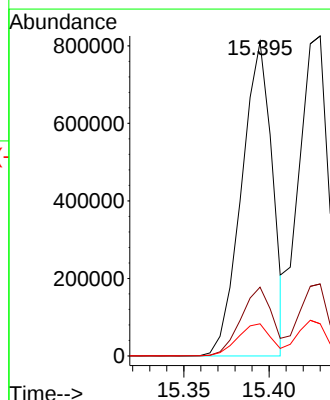
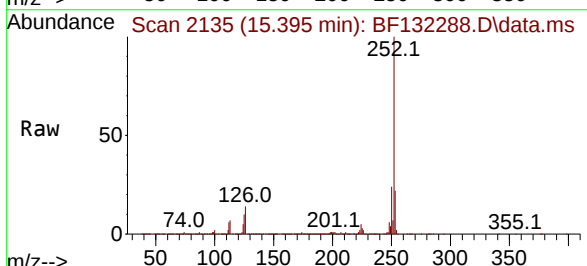
Tgt Ion:252 Resp: 1020423

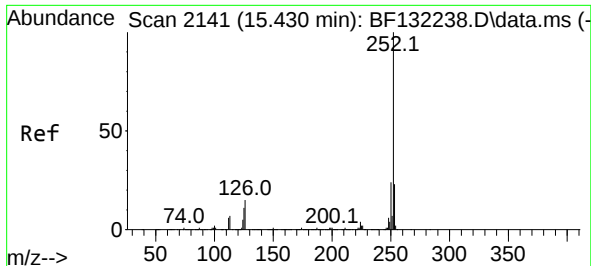
Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

125 10.3 9.6 14.4

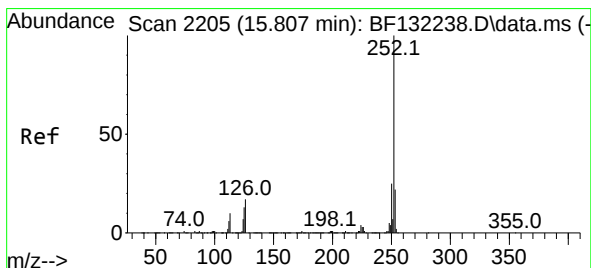
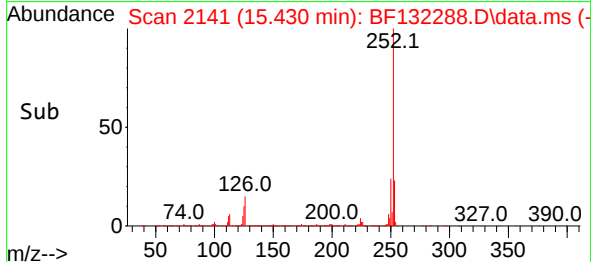
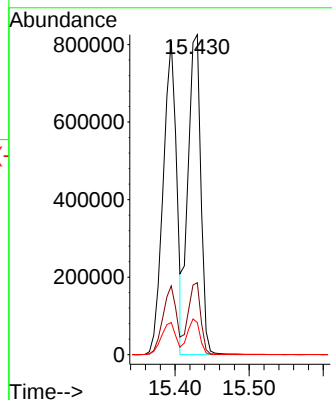
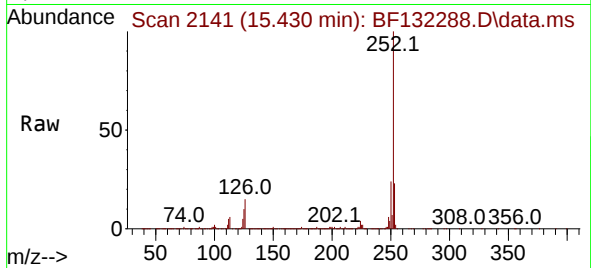




#89
Benzo(k)fluoranthene
Concen: 45.280 ng
RT: 15.430 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

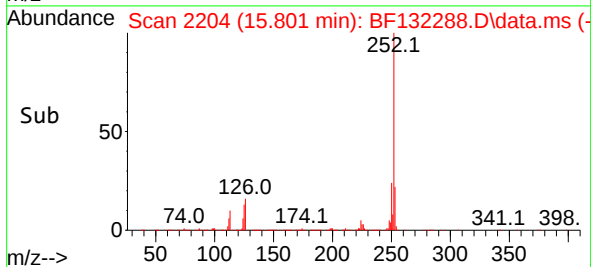
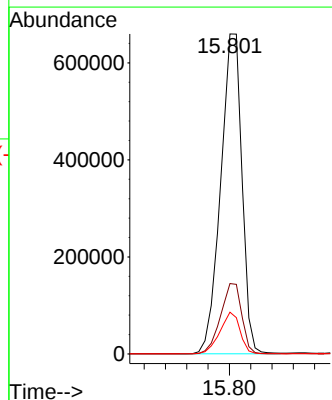
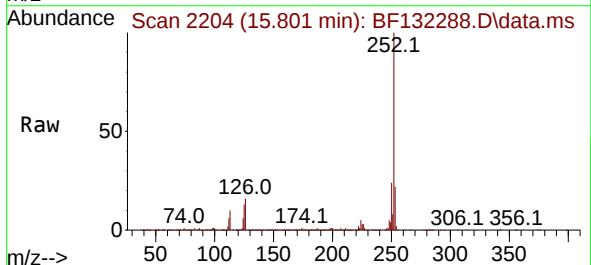
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

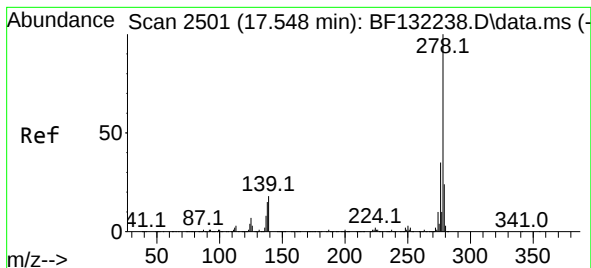
Tgt Ion:252 Resp: 995497
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 10.1 9.0 13.6



#90
Benzo(a)pyrene
Concen: 42.614 ng
RT: 15.801 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BF132288.D
Acq: 02 Feb 2023 12:50

Tgt Ion:252 Resp: 913981
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 13.1 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 48.960 ng

RT: 17.548 min Scan# 2501

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723MS

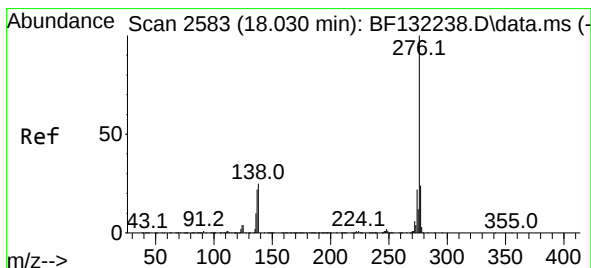
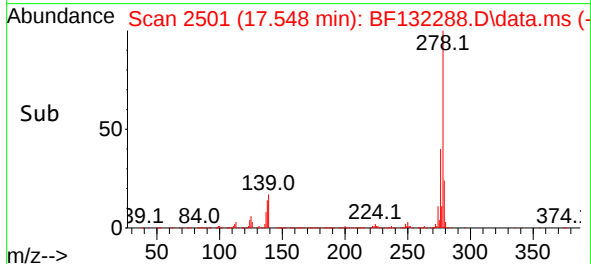
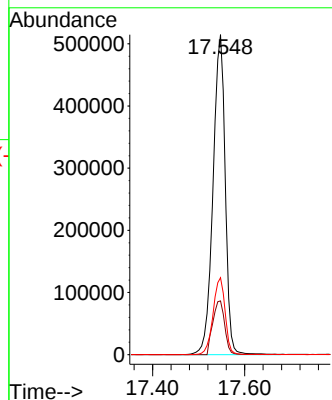
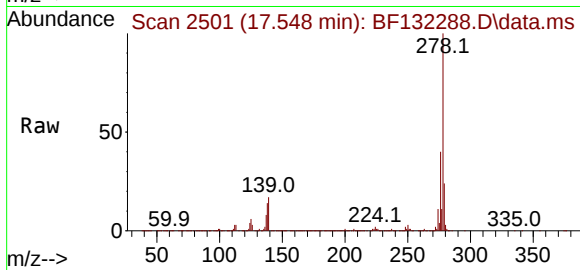
Tgt Ion:278 Resp: 947744

Ion Ratio Lower Upper

278 100

139 16.8 14.2 21.2

279 24.0 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 45.483 ng

RT: 18.030 min Scan# 2583

Delta R.T. -0.000 min

Lab File: BF132288.D

Acq: 02 Feb 2023 12:50

Tgt Ion:276 Resp: 909586

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.2

138 22.4 20.3 30.5

