

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132311.D
 Acq On : 03 Feb 2023 01:31
 Operator : CG\JU
 Sample : 01386-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-9-013123MSD

Quant Time: Feb 03 02:21:51 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	168968	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	621878	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	288197	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	420498	20.000	ng	# 0.00
76) Chrysene-d12	14.289	240	245409	20.000	ng	0.00
86) Perylene-d12	15.877	264	287099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	928820	88.359	ng	0.01
7) Phenol-d6	6.684	99	1148762	88.641	ng	0.00
23) Nitrobenzene-d5	7.631	82	690399	61.779	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	258184	87.115	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1238019	66.337	ng	0.00
79) Terphenyl-d14	13.207	244	869294	68.521	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.066	88	207160	41.883	ng	97
3) Pyridine	3.808	79	504841	37.623	ng	97
4) n-Nitrosodimethylamine	3.766	42	171146	39.860	ng	93
6) Aniline	6.725	93	385372	21.913	ng	96
8) 2-Chlorophenol	6.849	128	533768	49.027	ng	97
9) Benzaldehyde	6.619	77	319967	46.858	ng	97
10) Phenol	6.696	94	595406	44.388	ng	98
11) bis(2-Chloroethyl)ether	6.796	93	505512	45.791	ng	96
12) 1,3-Dichlorobenzene	7.007	146	577902	50.187	ng	99
13) 1,4-Dichlorobenzene	7.084	146	574915	50.018	ng	100
14) 1,2-Dichlorobenzene	7.237	146	551422	51.442	ng	98
15) Benzyl Alcohol	7.201	79	410066	43.364	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.337	45	497833	42.802	ng	96
17) 2-Methylphenol	7.307	107	412278	43.260	ng	99
18) Hexachloroethane	7.584	117	215705	50.025	ng	97
19) n-Nitroso-di-n-propyla...	7.472	70	292955	39.796	ng	97
20) 3+4-Methylphenols	7.460	107	518320	42.612	ng	94
22) Acetophenone	7.472	105	669715	45.793	ng	99
24) Nitrobenzene	7.648	77	491588	43.058	ng	96
25) Isophorone	7.884	82	930286	43.859	ng	98
26) 2-Nitrophenol	7.966	139	282993	50.888	ng	91
27) 2,4-Dimethylphenol	7.990	122	467231	48.001	ng	99
28) bis(2-Chloroethoxy)met...	8.090	93	600297	46.054	ng	100
29) 2,4-Dichlorophenol	8.201	162	417404	48.300	ng	98
30) 1,2,4-Trichlorobenzene	8.290	180	462145	49.938	ng	98
31) Naphthalene	8.378	128	1441597	47.095	ng	99
32) Benzoic acid	8.078	122	170184	23.620	ng	93
33) 4-Chloroaniline	8.413	127	142152	10.472	ng	98
34) Hexachlorobutadiene	8.490	225	268172	51.547	ng	99
35) Caprolactam	8.790	113	132445	44.955	ng	93
36) 4-Chloro-3-methylphenol	8.895	107	424389	45.583	ng	97
37) 2-Methylnaphthalene	9.072	142	929400	44.824	ng	100
38) 1-Methylnaphthalene	9.172	142	863863	44.832	ng	100
40) 1,2,4,5-Tetrachloroben...	9.237	216	420131	51.803	ng	99
41) Hexachlorocyclopentadiene	9.219	237	330394	69.825	ng	100
43) 2,4,6-Trichlorophenol	9.342	196	286784	49.468	ng	100

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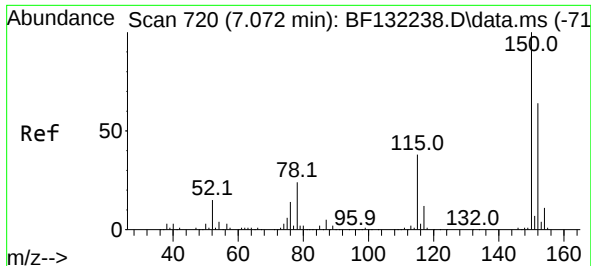
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.384	196	297201	44.539	ng	98
46) 1,1'-Biphenyl	9.537	154	1098215	49.428	ng	97
47) 2-Chloronaphthalene	9.560	162	841848	49.747	ng	99
48) 2-Nitroaniline	9.654	65	209942	41.714	ng	# 83
49) Acenaphthylene	9.984	152	1278590	46.294	ng	100
50) Dimethylphthalate	9.831	163	972403	48.235	ng	99
51) 2,6-Dinitrotoluene	9.895	165	215579	47.881	ng	# 85
52) Acenaphthene	10.154	154	843105	48.760	ng	100
53) 3-Nitroaniline	10.060	138	136418	24.985	ng	97
54) 2,4-Dinitrophenol	10.166	184	103835	41.961	ng	# 85
55) Dibenzofuran	10.325	168	1126268	46.359	ng	99
56) 4-Nitrophenol	10.213	139	302064	73.518	ng	96
57) 2,4-Dinitrotoluene	10.301	165	265977	45.477	ng	# 86
58) Fluorene	10.672	166	850988	45.514	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.437	232	214269	44.047	ng	97
60) Diethylphthalate	10.531	149	953382	47.539	ng	99
61) 4-Chlorophenyl-phenyle...	10.660	204	412567	46.495	ng	99
62) 4-Nitroaniline	10.678	138	160429	30.640	ng	97
63) Azobenzene	10.819	77	846753	43.346	ng	96
65) 4,6-Dinitro-2-methylph...	10.707	198	79145	33.163	ng	97
66) n-Nitrosodiphenylamine	10.778	169	729814	55.427	ng	99
67) 4-Bromophenyl-phenylether	11.154	248	246498	57.247	ng	99
68) Hexachlorobenzene	11.225	284	252072	54.771	ng	# 90
69) Atrazine	11.301	200	224783	59.351	ng	97
70) Pentachlorophenol	11.413	266	241904	76.499	ng	99
71) Phenanthrene	11.648	178	1748129	79.556	ng	100
72) Anthracene	11.695	178	1270105	56.797	ng	100
73) Carbazole	11.848	167	895942	44.683	ng	99
74) Di-n-butylphthalate	12.166	149	1235673	52.127	ng	99
75) Fluoranthene	12.848	202	2213157	98.699	ng	97
77) Benzidine	12.960	184	384192	44.779	ng	98
78) Pyrene	13.083	202	2480687	125.678	ng	98
80) Butylbenzylphthalate	13.683	149	425775	48.824	ng	98
81) Benzo(a)anthracene	14.277	228	1725124	100.507	ng	96
82) 3,3'-Dichlorobenzidine	14.230	252	200472	36.670	ng	99
83) Chrysene	14.313	228	1523989	94.821	ng	99
84) Bis(2-ethylhexyl)phtha...	14.242	149	609636	51.719	ng	# 99
85) Di-n-octyl phthalate	14.877	149	1125715	58.551	ng	97
87) Indeno(1,2,3-cd)pyrene	17.542	276	1555244	81.526	ng	94
88) Benzo(b)fluoranthene	15.407	252	2169650	118.889	ng	99
89) Benzo(k)fluoranthene	15.436	252	1064061	61.085	ng	98
90) Benzo(a)pyrene	15.819	252	1896934	111.626	ng	98
91) Dibenzo(a,h)anthracene	17.560	278	826873	53.912	ng	99
92) Benzo(g,h,i)perylene	18.054	276	1350219	85.214	ng	97

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

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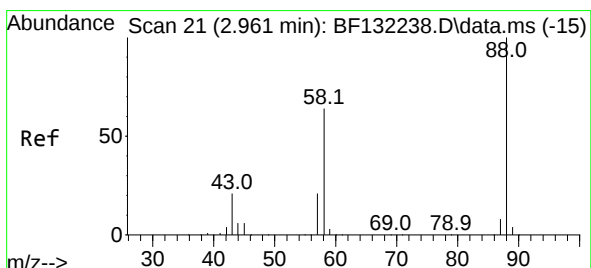
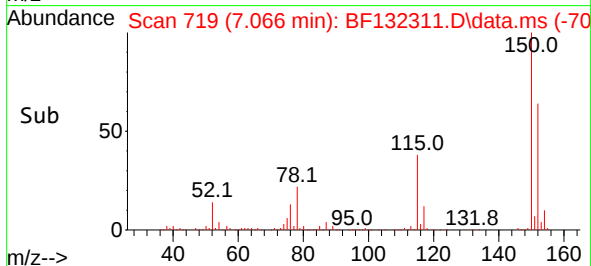
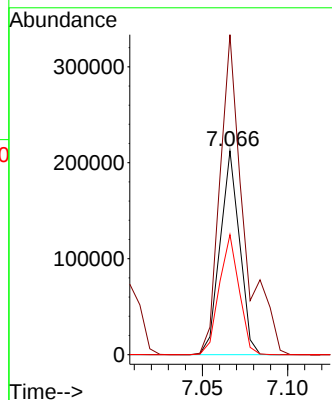
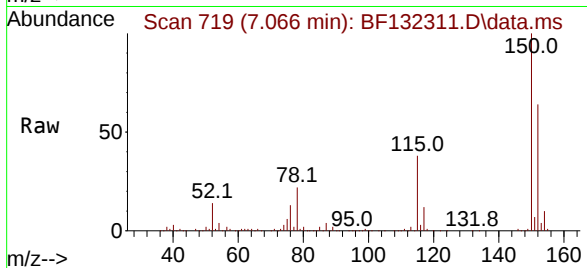




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.066 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132311.D
 Acq: 03 Feb 2023 01:31

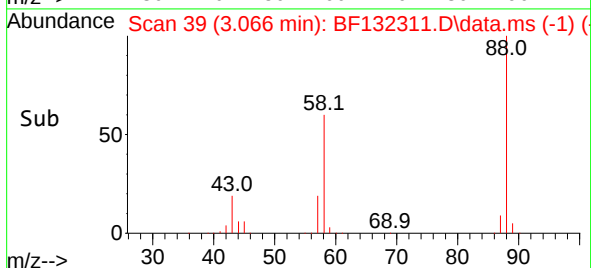
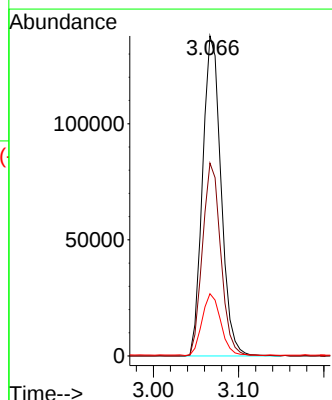
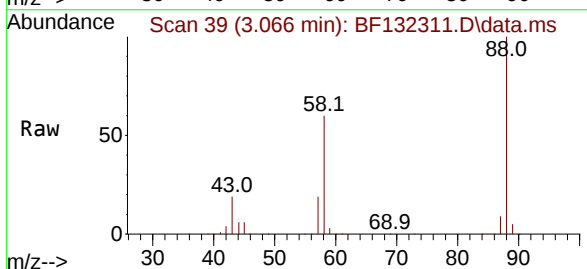
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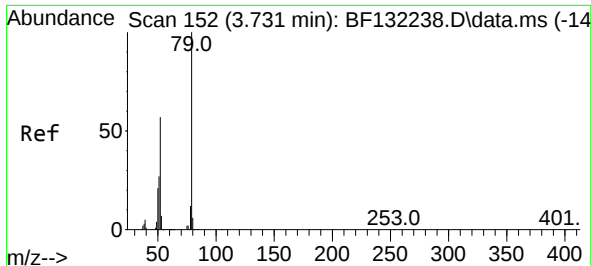
Tgt Ion:152 Resp: 168968
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.2 186.2
 115 58.9 47.3 70.9



#2
 1,4-Dioxane
 Concen: 41.883 ng
 RT: 3.066 min Scan# 39
 Delta R.T. 0.106 min
 Lab File: BF132311.D
 Acq: 03 Feb 2023 01:31

Tgt Ion: 88 Resp: 207160
 Ion Ratio Lower Upper
 88 100
 58 60.0 50.2 75.2
 43 19.5 16.9 25.3

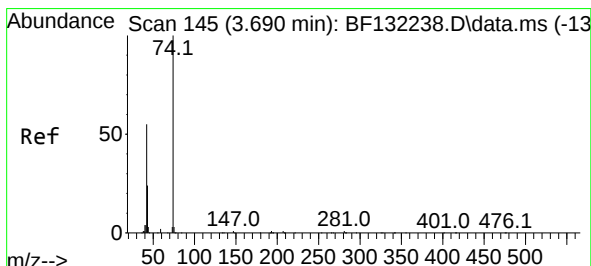
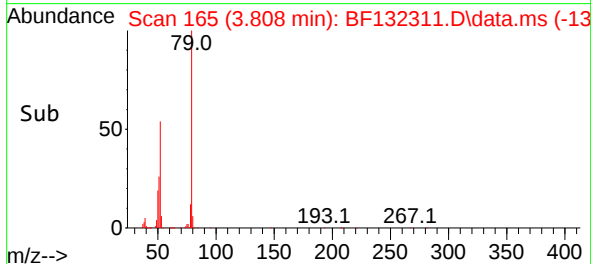
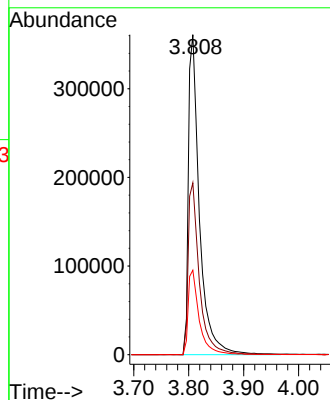
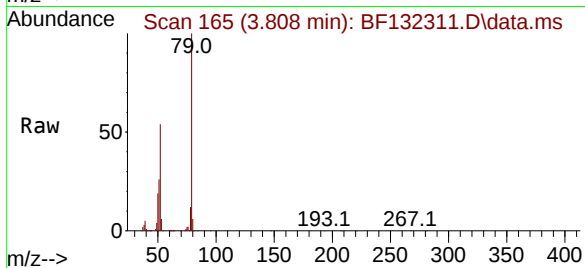




#3
Pyridine
Concen: 37.623 ng
RT: 3.808 min Scan# 11
Delta R.T. 0.076 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

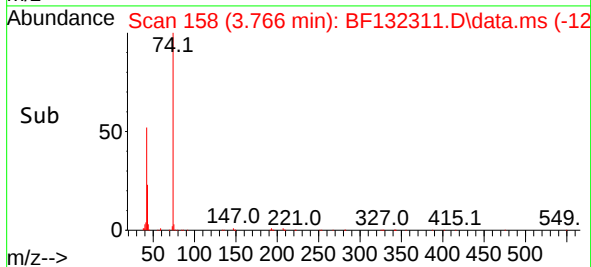
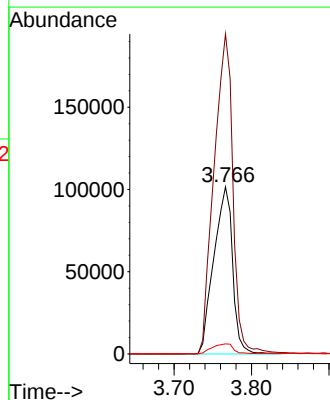
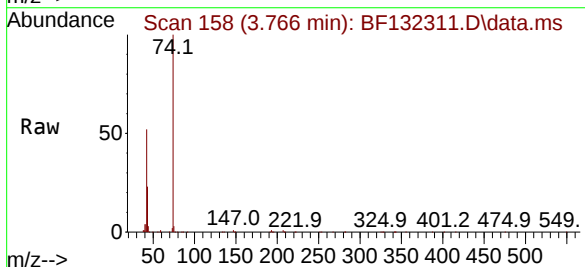
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

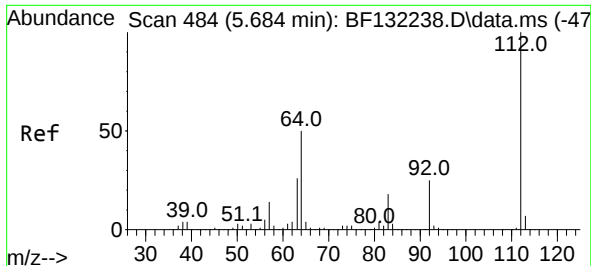
Tgt Ion: 79 Resp: 504841
Ion Ratio Lower Upper
79 100
52 53.7 45.6 68.4
51 26.4 21.5 32.3



#4
n-Nitrosodimethylamine
Concen: 39.860 ng
RT: 3.766 min Scan# 158
Delta R.T. 0.076 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion: 42 Resp: 171146
Ion Ratio Lower Upper
42 100
74 191.5 144.6 217.0
44 6.0 5.1 7.7

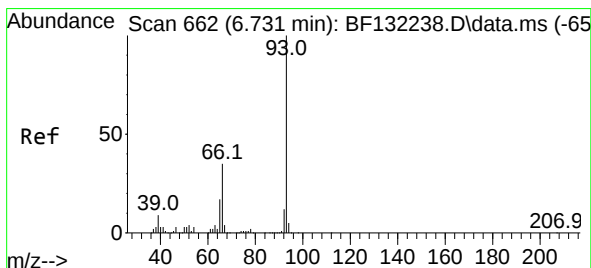
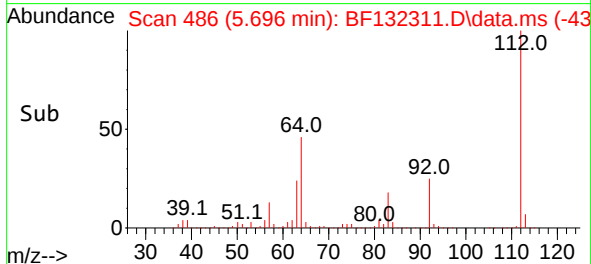
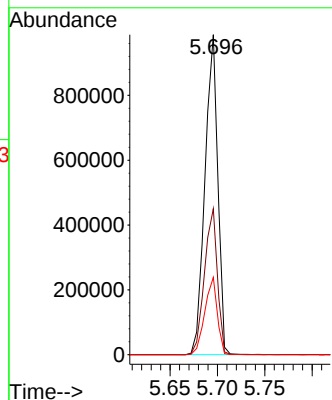
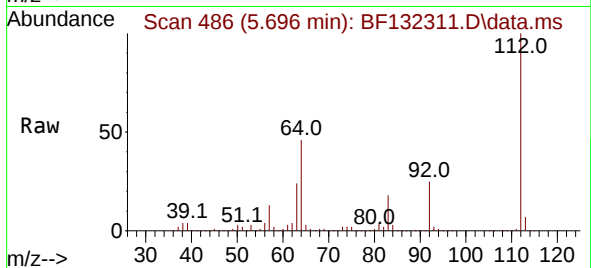




#5
2-Fluorophenol
Concen: 88.359 ng
RT: 5.696 min Scan# 484
Delta R.T. 0.012 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

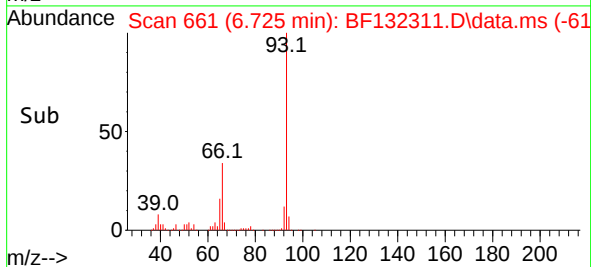
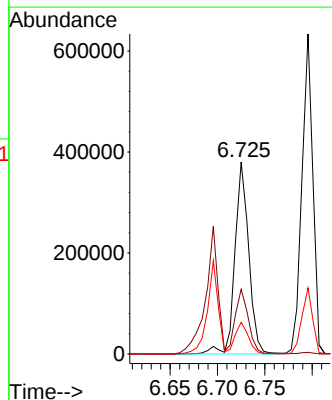
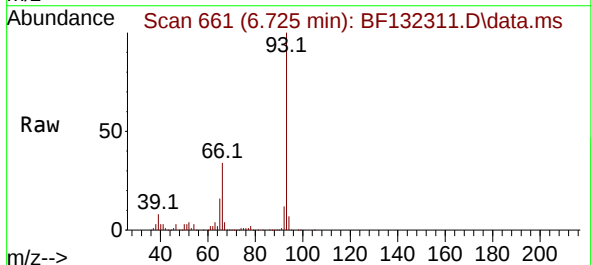
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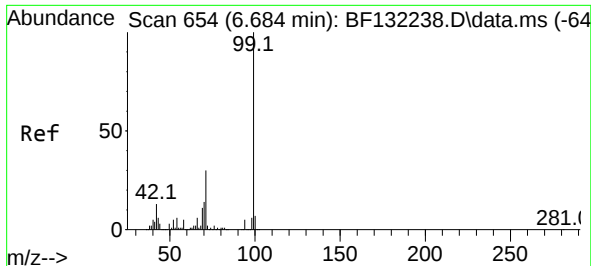
Tgt Ion:112 Resp: 928820
Ion Ratio Lower Upper
112 100
64 45.6 40.0 60.0
63 24.2 20.5 30.7



#6
Aniline
Concen: 21.913 ng
RT: 6.725 min Scan# 661
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

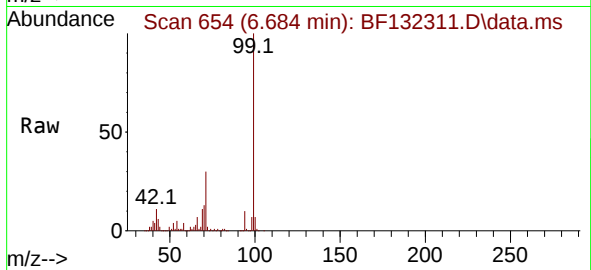
Tgt Ion: 93 Resp: 385372
Ion Ratio Lower Upper
93 100
66 33.7 28.8 43.2
65 16.5 14.2 21.4





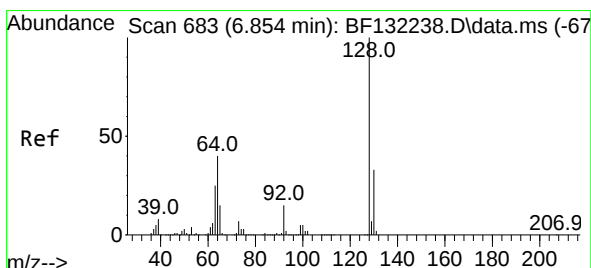
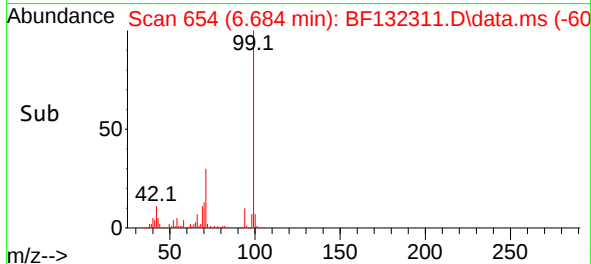
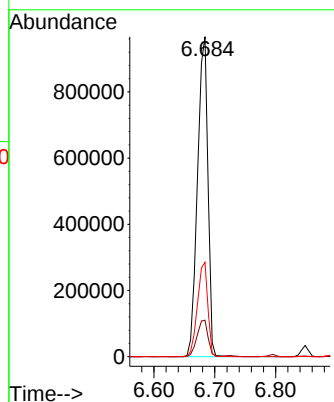
#7
Phenol-d6
Concen: 88.641 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :
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ClientSampleId :
JPP-9-013123MSD



Tgt Ion: 99 Resp: 1148762

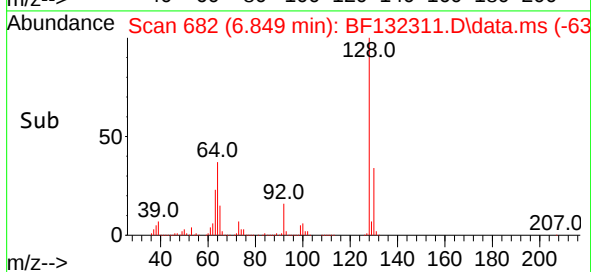
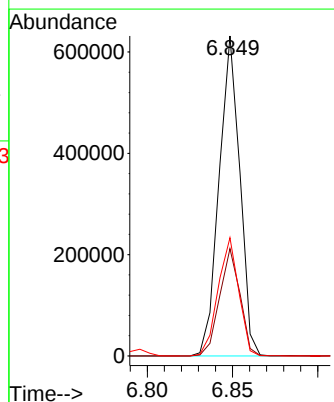
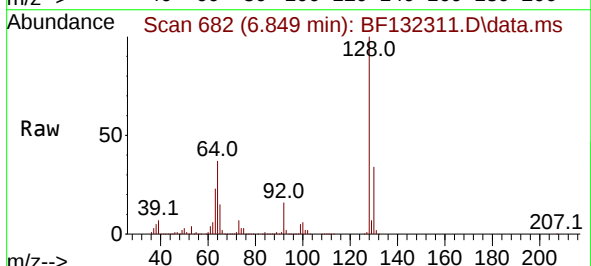
Ion	Ratio	Lower	Upper
99	100		
42	11.4	10.1	15.1
71	29.5	24.2	36.4

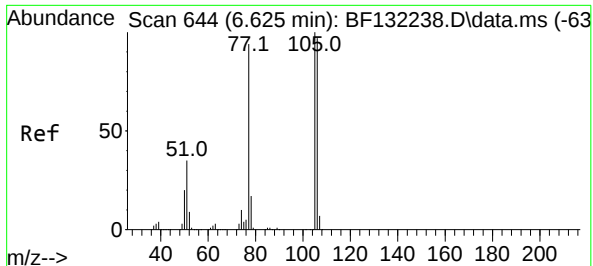


#8
2-Chlorophenol
Concen: 49.027 ng
RT: 6.849 min Scan# 682
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion: 128 Resp: 533768

Ion	Ratio	Lower	Upper
128	100		
130	33.6	13.3	53.3
64	37.0	20.1	60.1

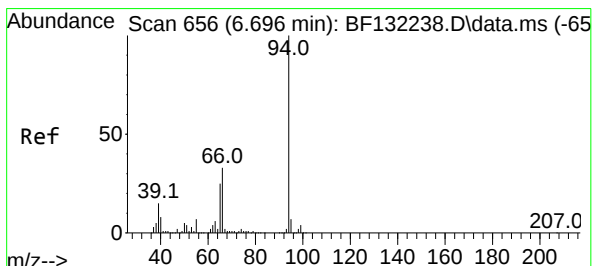
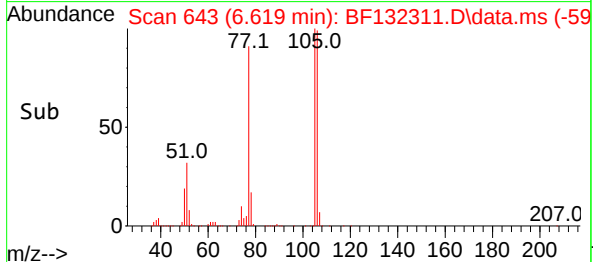
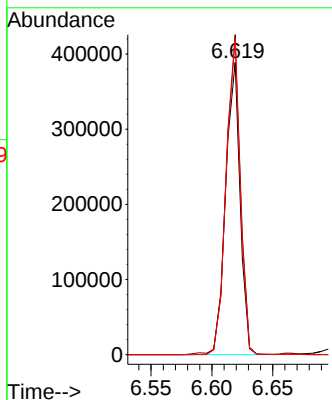
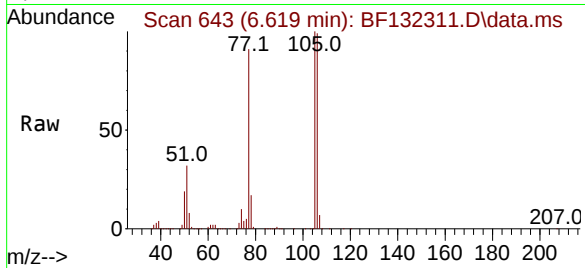




#9
Benzaldehyde
Concen: 46.858 ng
RT: 6.619 min Scan# 644
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

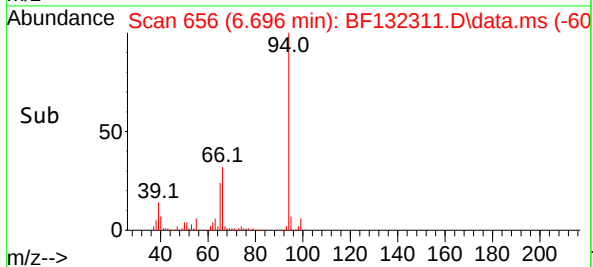
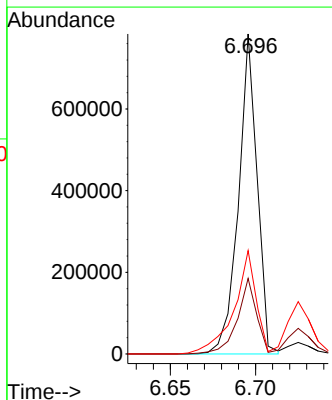
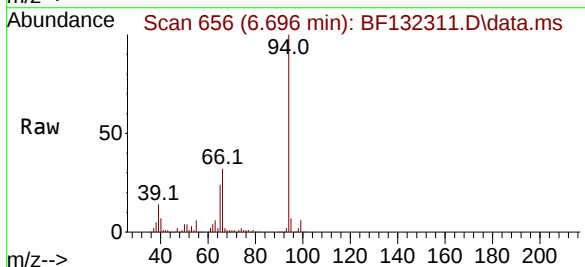
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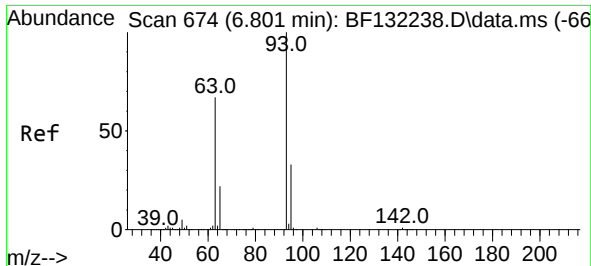
Tgt Ion: 77 Resp: 319967
Ion Ratio Lower Upper
77 100
105 109.5 86.8 126.8
106 107.9 83.8 123.8



#10
Phenol
Concen: 44.388 ng
RT: 6.696 min Scan# 656
Delta R.T. -0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion: 94 Resp: 595406
Ion Ratio Lower Upper
94 100
65 23.6 5.1 45.1
66 32.3 13.0 53.0





#11

bis(2-Chloroethyl)ether

Concen: 45.791 ng

RT: 6.796 min Scan# 61

Delta R.T. -0.006 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

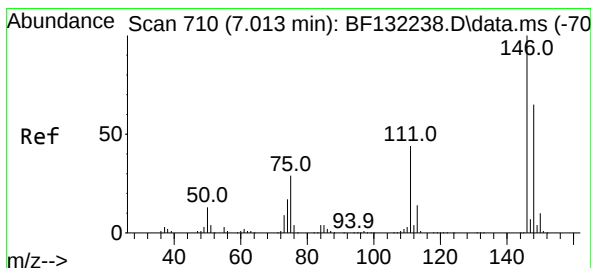
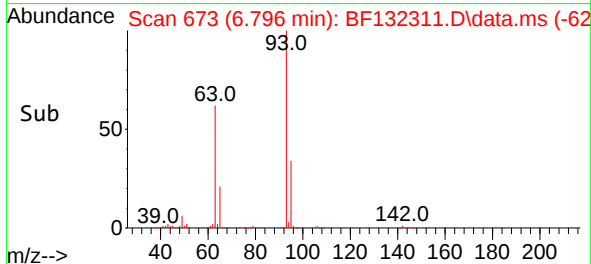
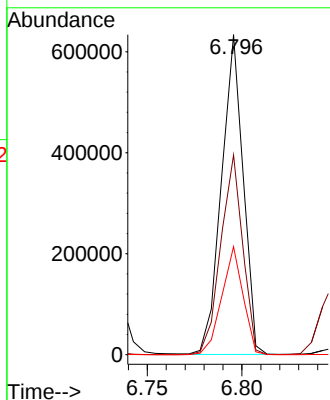
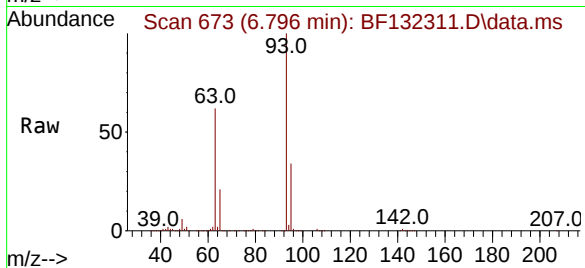
Tgt Ion: 93 Resp: 505512

Ion Ratio Lower Upper

93 100

63 62.4 46.7 86.7

95 33.7 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 50.187 ng

RT: 7.007 min Scan# 709

Delta R.T. -0.006 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

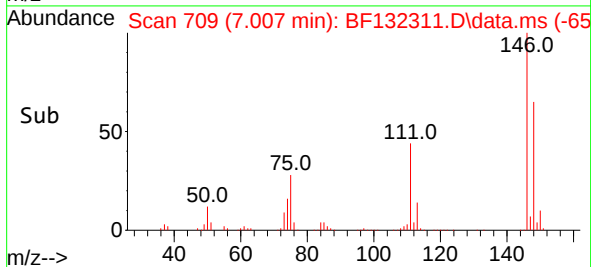
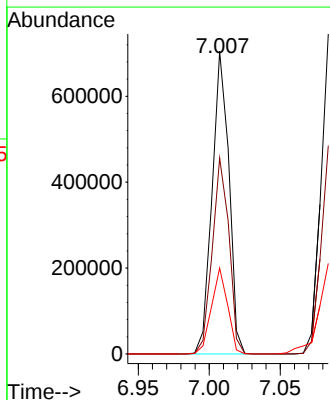
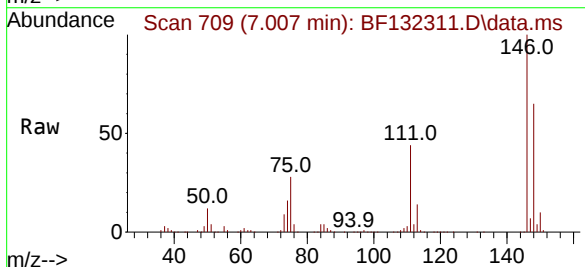
Tgt Ion:146 Resp: 577902

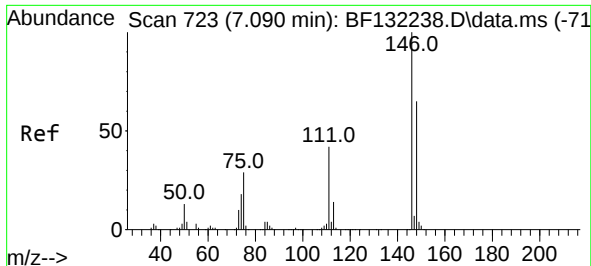
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 28.4 23.5 35.3

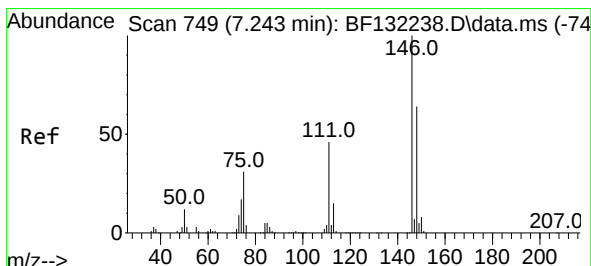
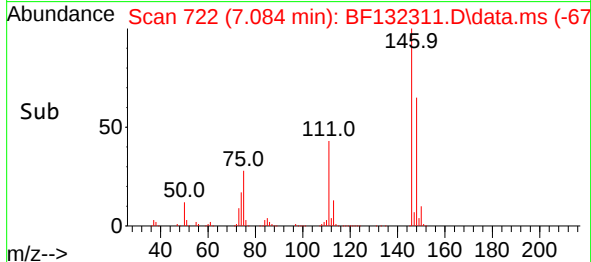
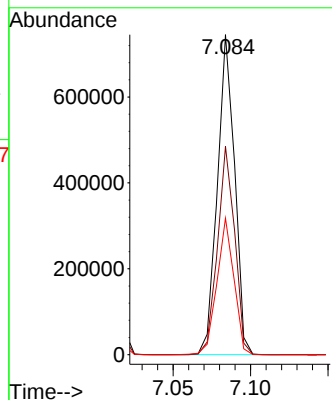
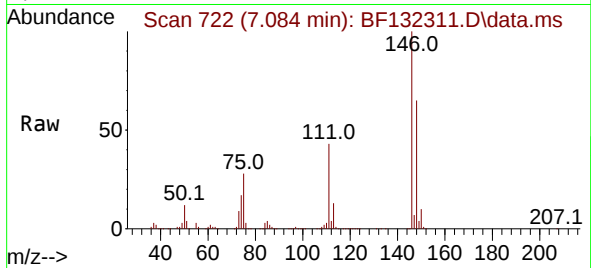




#13
1,4-Dichlorobenzene
Concen: 50.018 ng
RT: 7.084 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

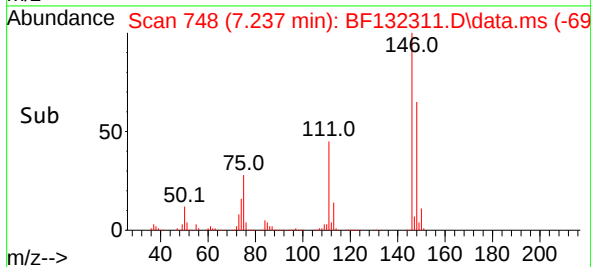
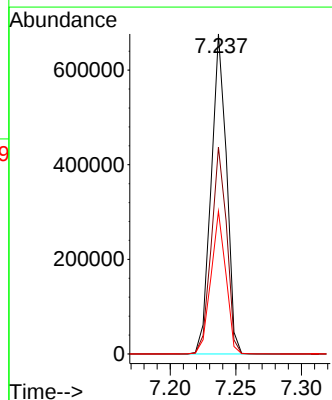
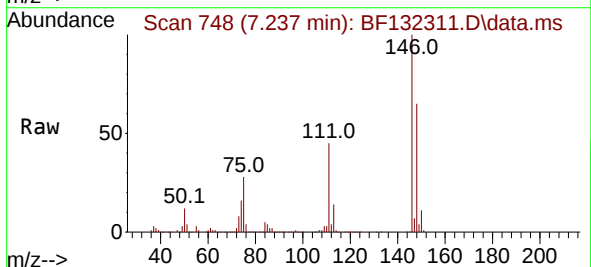
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

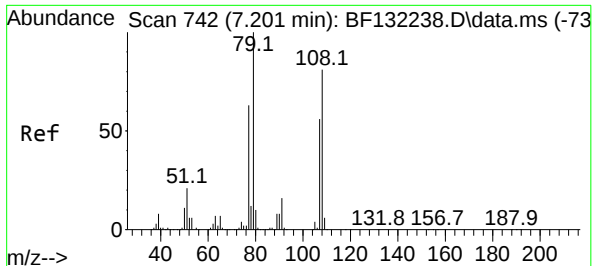
Tgt Ion:146 Resp: 574915
Ion Ratio Lower Upper
146 100
148 65.1 52.4 78.6
111 42.6 34.0 51.0



#14
1,2-Dichlorobenzene
Concen: 51.442 ng
RT: 7.237 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:146 Resp: 551422
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.0
111 44.6 37.1 55.7

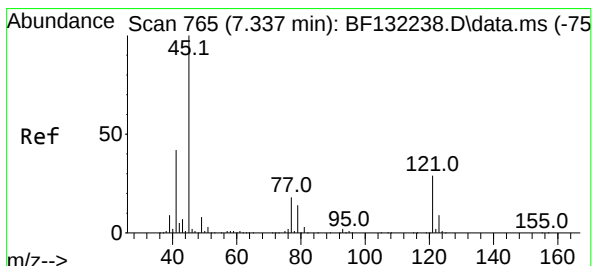
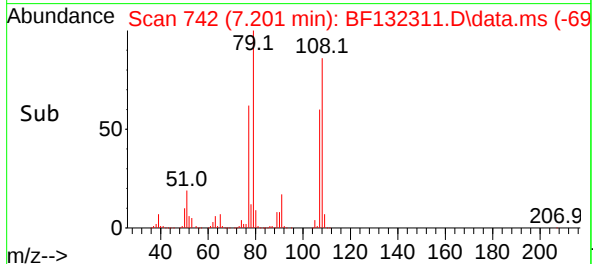
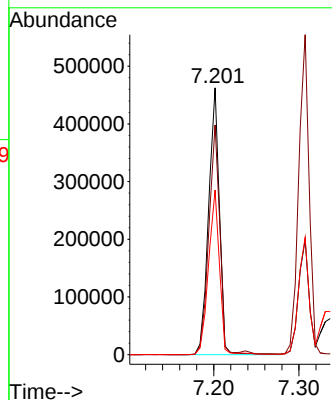
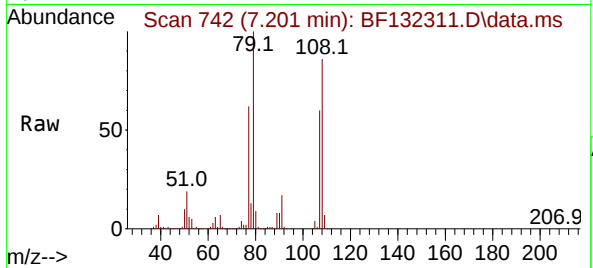




#15
Benzyl Alcohol
Concen: 43.364 ng
RT: 7.201 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

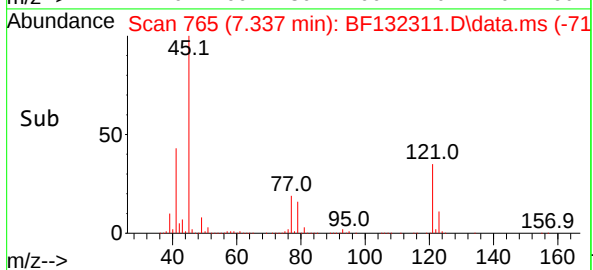
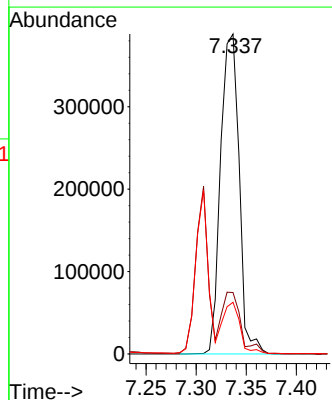
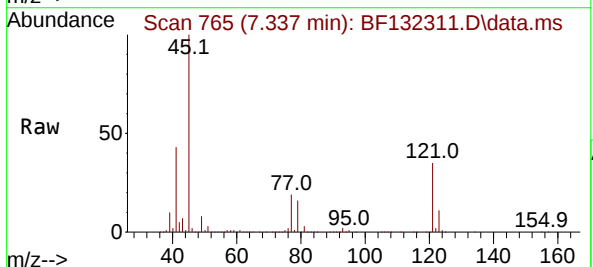
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

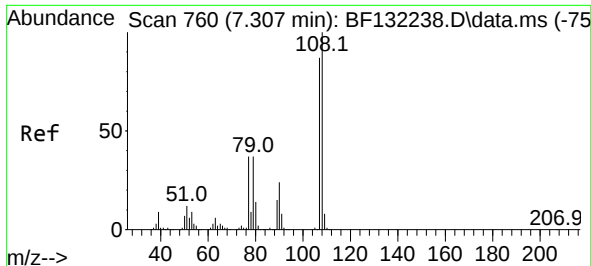
Tgt Ion: 79 Resp: 410066
Ion Ratio Lower Upper
79 100
108 86.1 64.6 97.0
77 61.7 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.802 ng
RT: 7.337 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion: 45 Resp: 497833
Ion Ratio Lower Upper
45 100
77 19.2 0.0 38.0
79 16.1 0.0 33.8



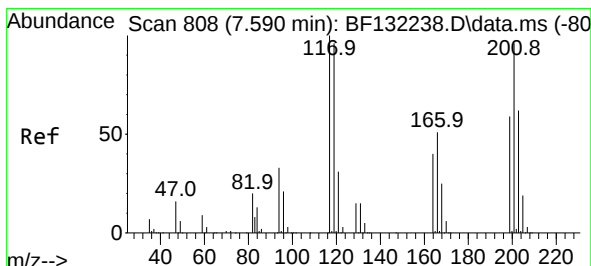
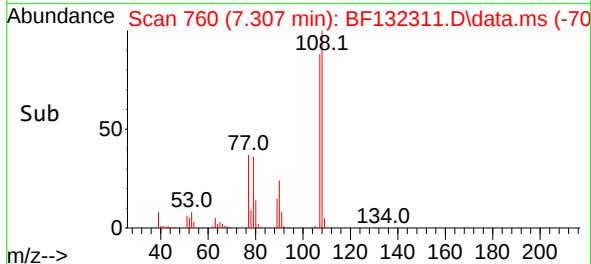
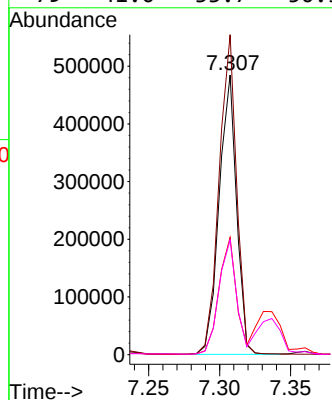
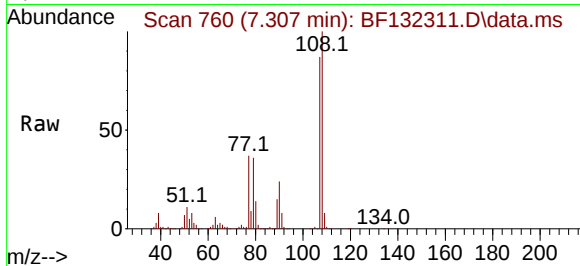


#17
2-Methylphenol
Concen: 43.260 ng
RT: 7.307 min Scan# 707
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

Tgt Ion:107 Resp: 412278

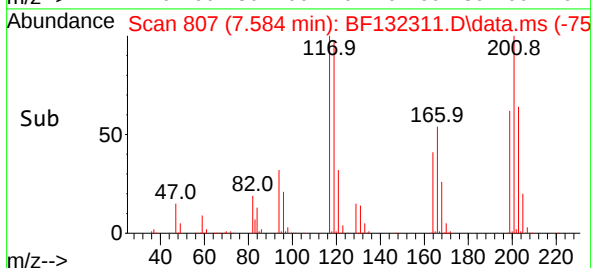
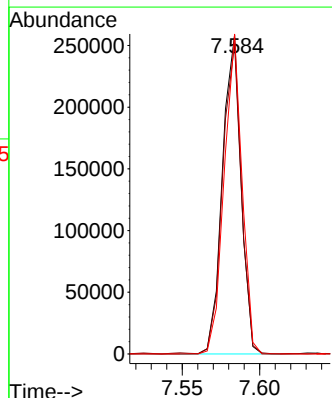
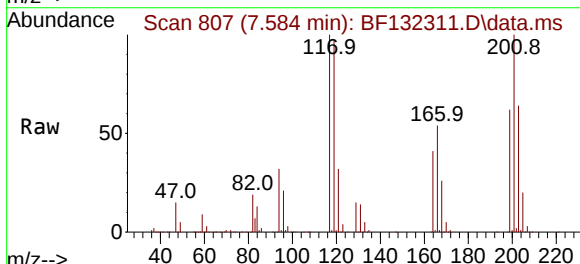
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.8	137.6
77	41.9	34.2	51.2
79	41.0	33.7	50.5

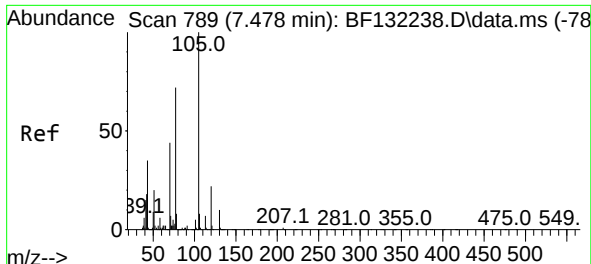


#18
Hexachloroethane
Concen: 50.025 ng
RT: 7.584 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:117 Resp: 215705

Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.7	115.1
201	100.3	76.6	114.8



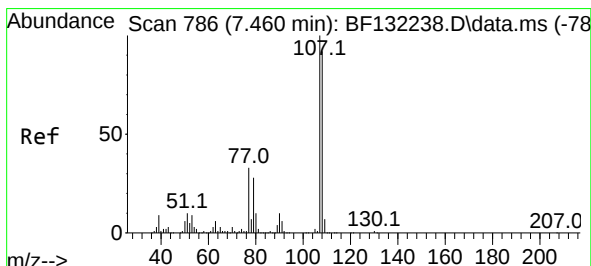
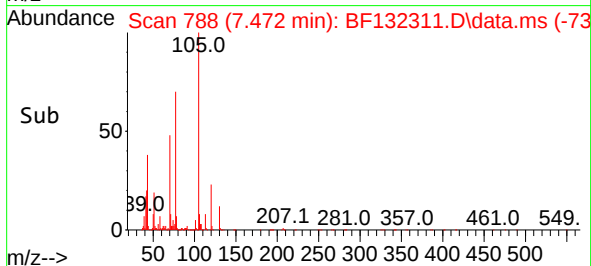
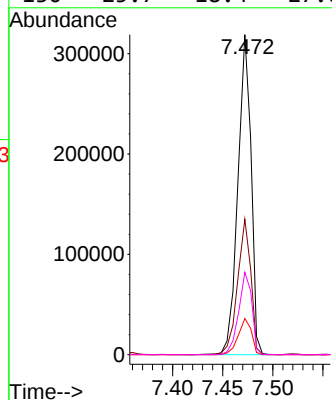
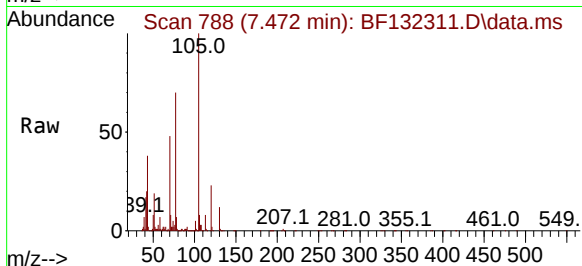


#19
n-Nitroso-di-n-propylamine
Concen: 39.796 ng
RT: 7.472 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

Tgt Ion: 70 Resp: 292955

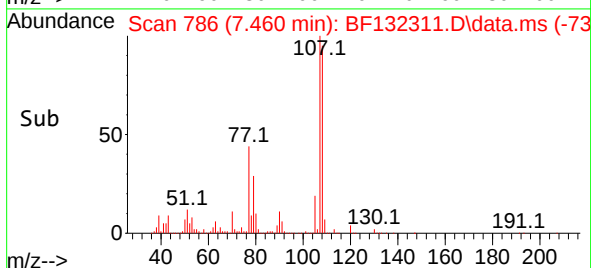
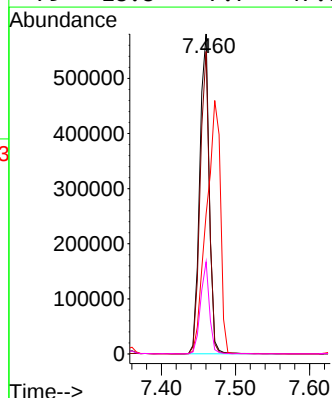
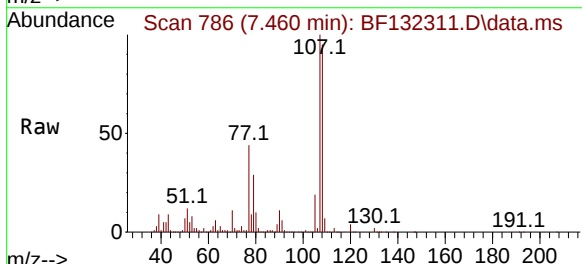
Ion	Ratio	Lower	Upper
70	100		
42	42.3	33.4	50.0
101	11.3	8.2	12.4
130	25.7	18.4	27.6

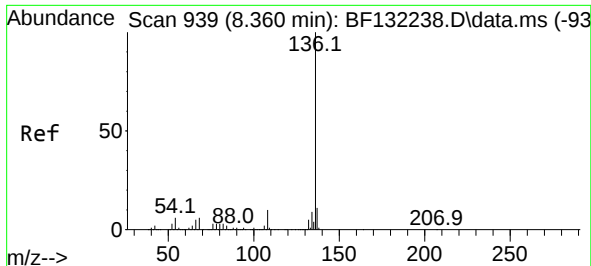


#20
3+4-Methylphenols
Concen: 42.612 ng
RT: 7.460 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion: 107 Resp: 518320

Ion	Ratio	Lower	Upper
107	100		
108	94.6	71.6	111.6
77	43.7	13.4	53.4
79	28.8	7.7	47.7

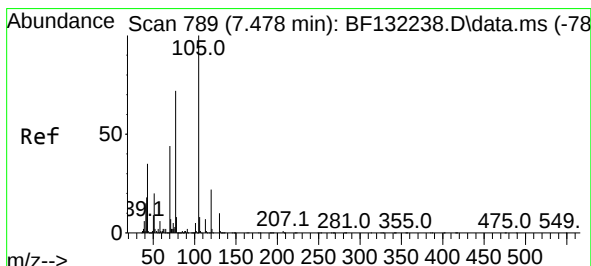
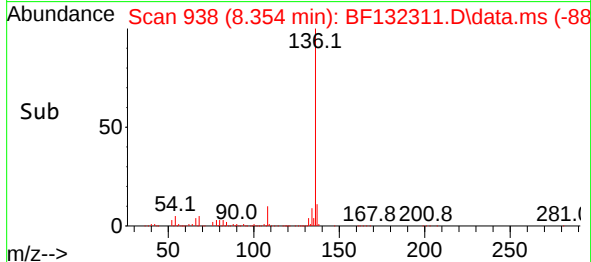
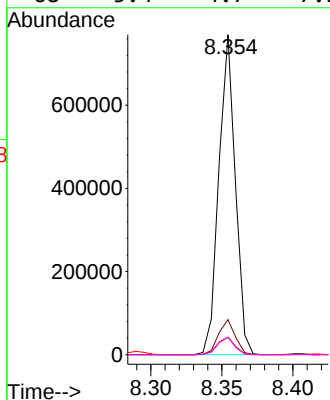
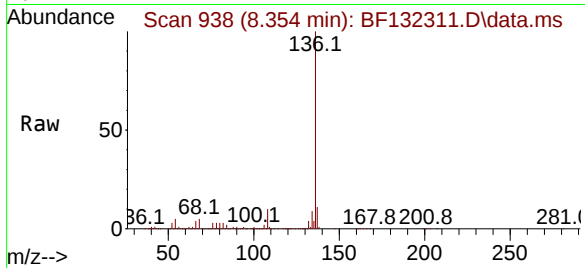




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

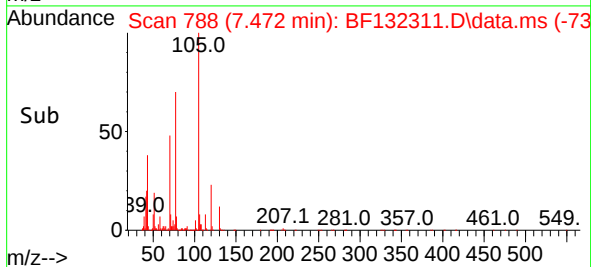
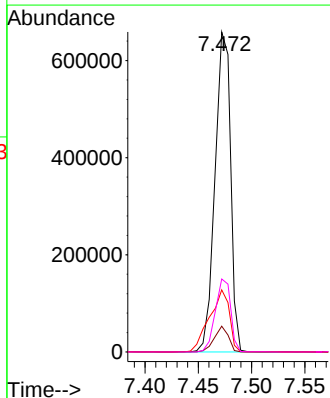
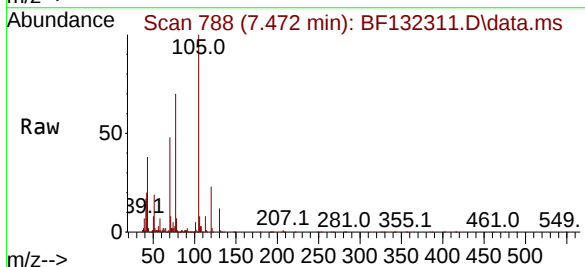
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

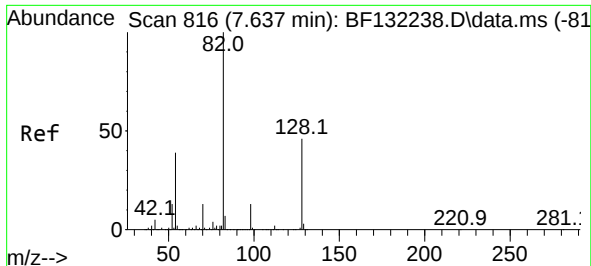
Tgt Ion:136 Resp: 621878
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.5 4.9 7.3
68 5.4 4.7 7.1



#22
Acetophenone
Concen: 45.793 ng
RT: 7.472 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:105 Resp: 669715
Ion Ratio Lower Upper
105 100
71 8.1 5.8 8.6
51 19.4 16.2 24.2
120 22.8 18.0 27.0

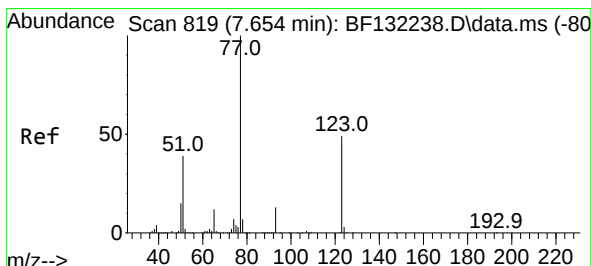
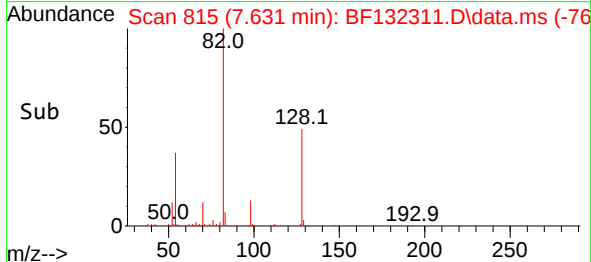
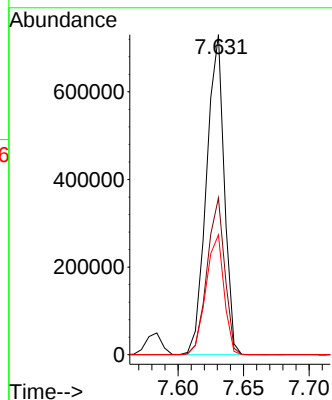
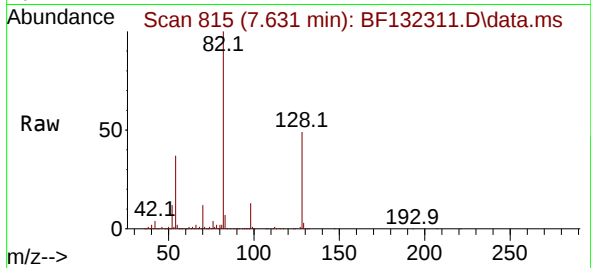




#23
Nitrobenzene-d5
Concen: 61.779 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

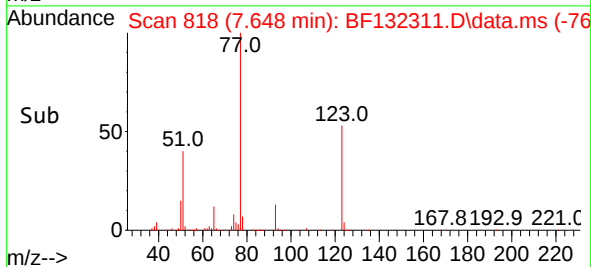
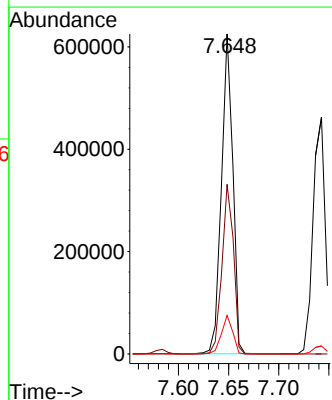
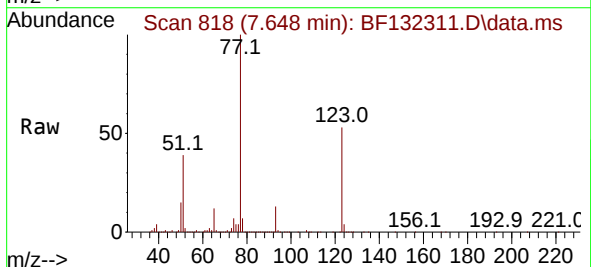
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

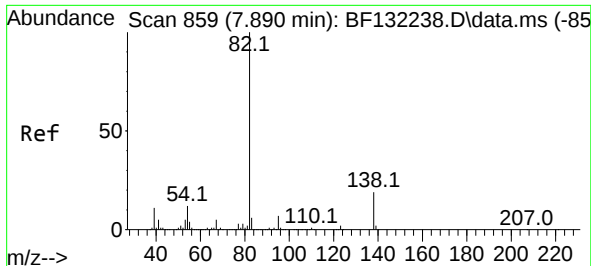
Tgt Ion: 82 Resp: 690399
Ion Ratio Lower Upper
82 100
128 49.0 37.0 55.4
54 37.4 31.5 47.3



#24
Nitrobenzene
Concen: 43.058 ng
RT: 7.648 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion: 77 Resp: 491588
Ion Ratio Lower Upper
77 100
123 53.0 39.5 59.3
65 12.0 9.8 14.8

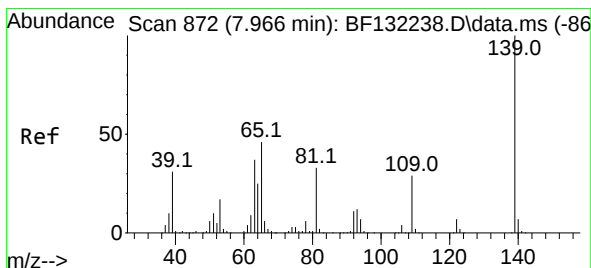
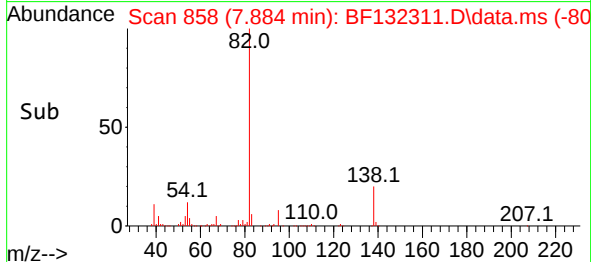
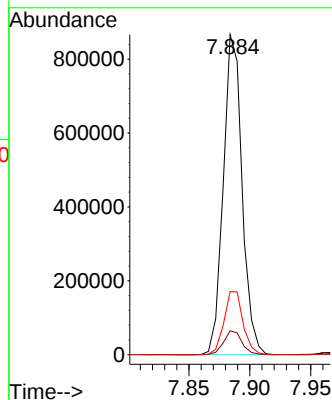
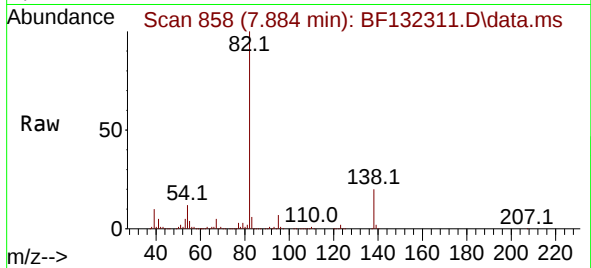




#25
Isophorone
Concen: 43.859 ng
RT: 7.884 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

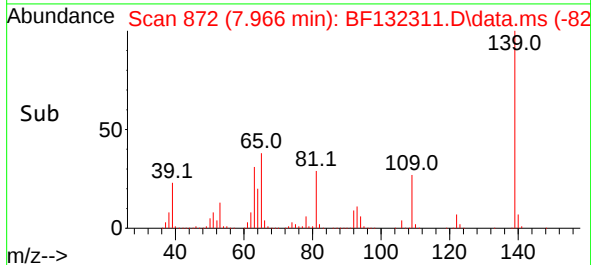
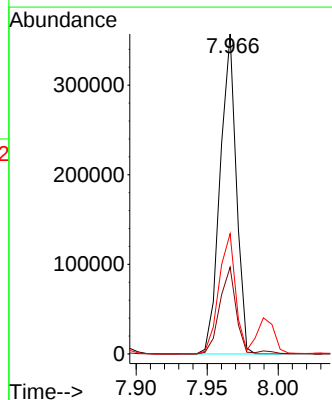
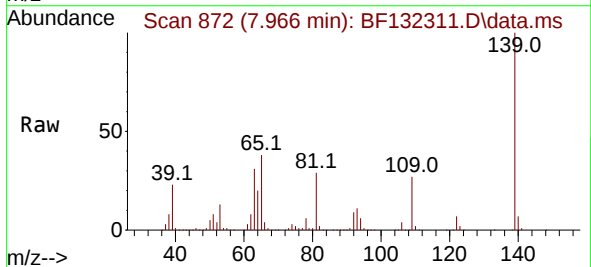
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

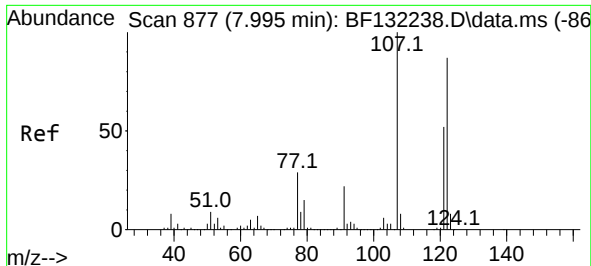
Tgt Ion: 82 Resp: 930286
Ion Ratio Lower Upper
82 100
95 7.5 5.6 8.4
138 19.7 15.0 22.6



#26
2-Nitrophenol
Concen: 50.888 ng
RT: 7.966 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:139 Resp: 282993
Ion Ratio Lower Upper
139 100
109 27.1 23.0 34.6
65 37.6 36.6 55.0

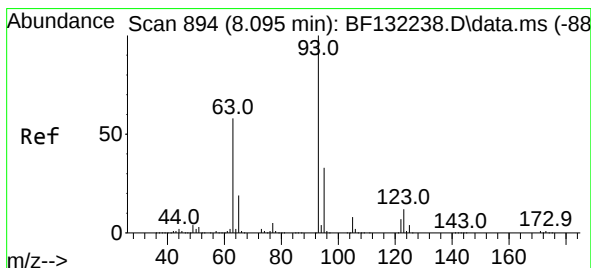
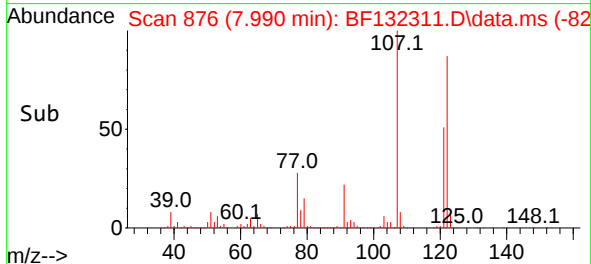
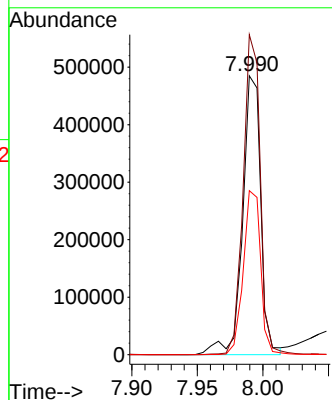
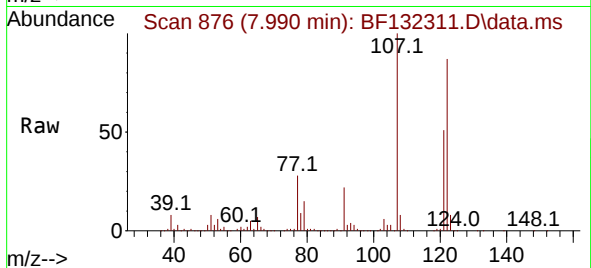




#27
2,4-Dimethylphenol
Concen: 48.001 ng
RT: 7.990 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

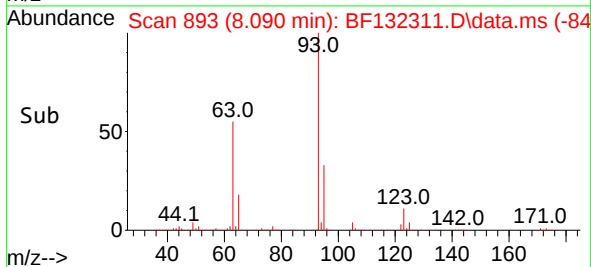
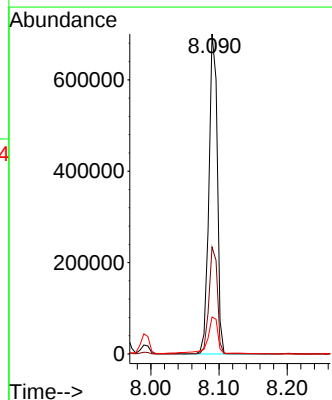
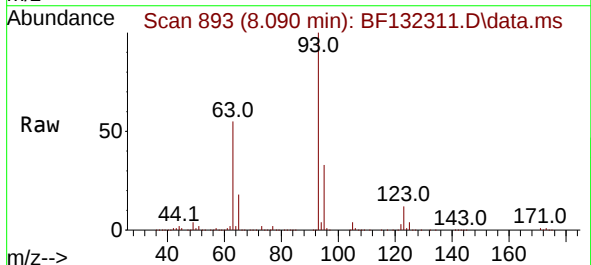
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

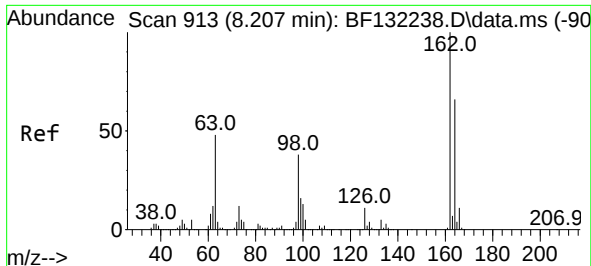
Tgt Ion:122 Resp: 467231
Ion Ratio Lower Upper
122 100
107 114.7 91.9 137.9
121 58.8 47.8 71.8



#28
bis(2-Chloroethoxy)methane
Concen: 46.054 ng
RT: 8.090 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion: 93 Resp: 600297
Ion Ratio Lower Upper
93 100
95 33.4 26.6 40.0
123 11.5 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 48.300 ng

RT: 8.201 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

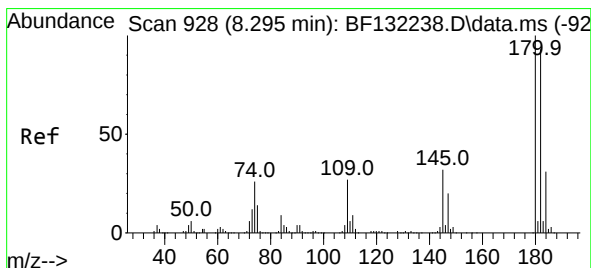
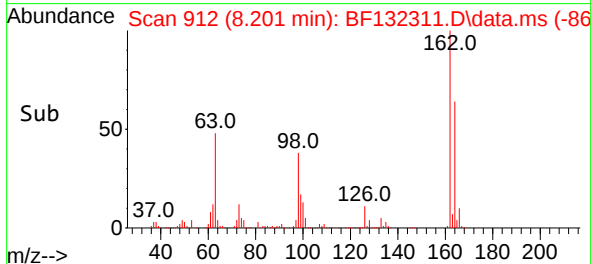
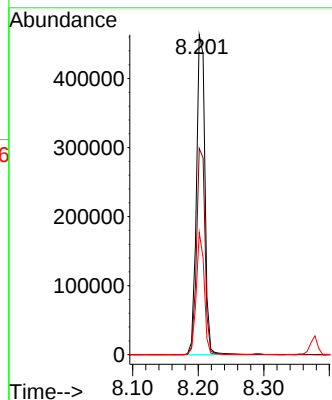
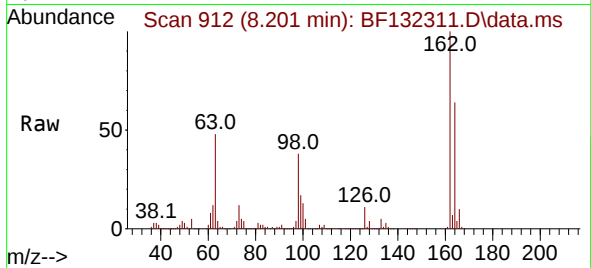
Tgt Ion:162 Resp: 417404

Ion Ratio Lower Upper

162 100

164 64.5 46.4 86.4

98 38.2 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 49.938 ng

RT: 8.290 min Scan# 927

Delta R.T. -0.006 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

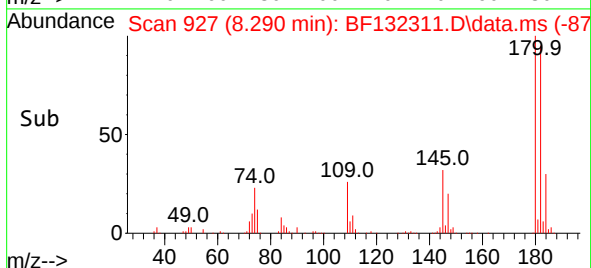
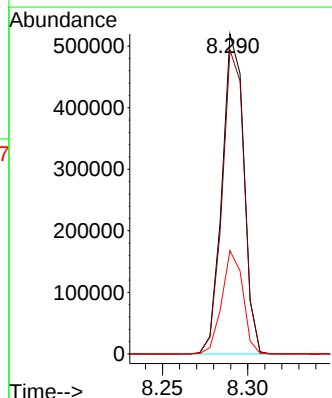
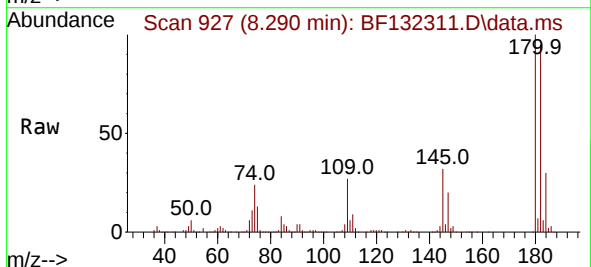
Tgt Ion:180 Resp: 462145

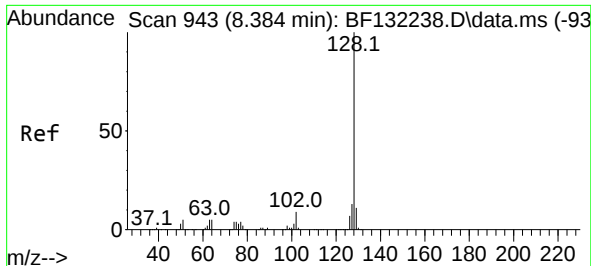
Ion Ratio Lower Upper

180 100

182 95.0 74.6 112.0

145 32.3 25.3 37.9

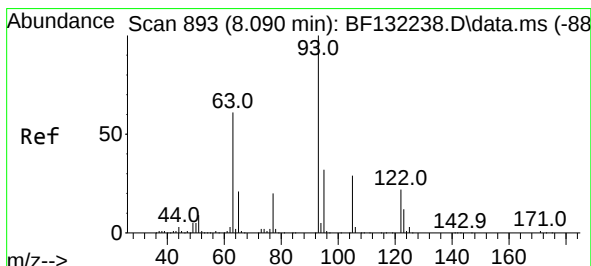
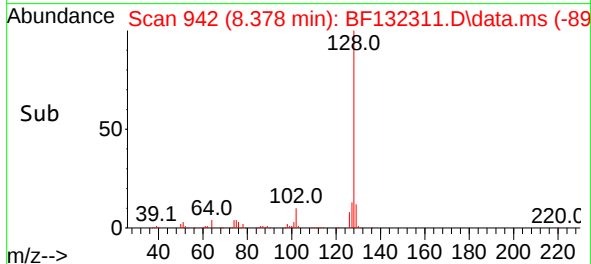
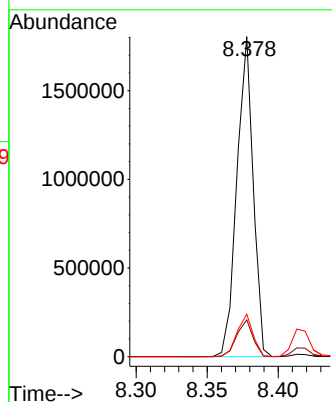
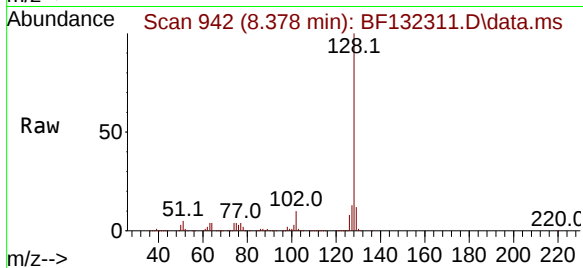




#31
Naphthalene
Concen: 47.095 ng
RT: 8.378 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

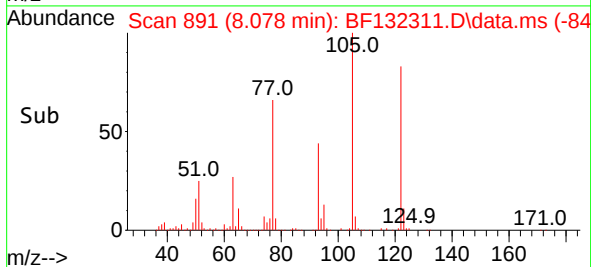
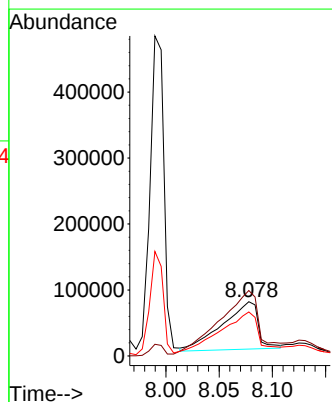
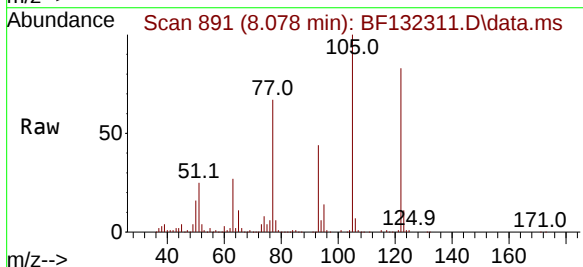
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

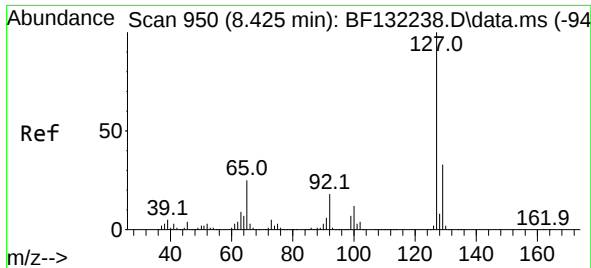
Tgt Ion:128 Resp: 1441597
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 23.620 ng
RT: 8.078 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:122 Resp: 170184
Ion Ratio Lower Upper
122 100
105 120.6 106.3 146.3
77 81.0 70.6 110.6



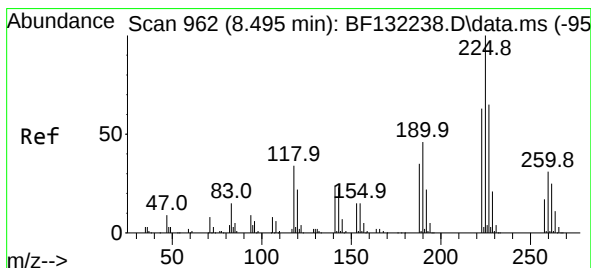
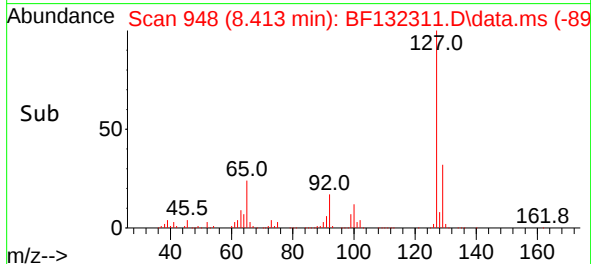
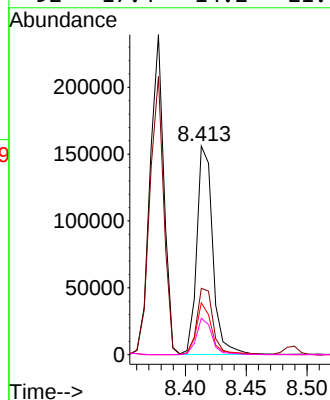
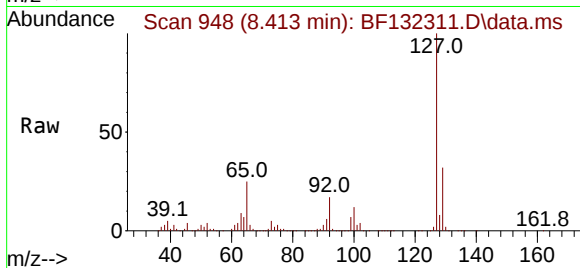


#33
4-Chloroaniline
Concen: 10.472 ng
RT: 8.413 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

Tgt Ion:127 Resp: 142152

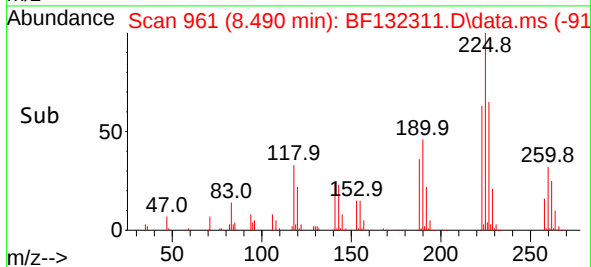
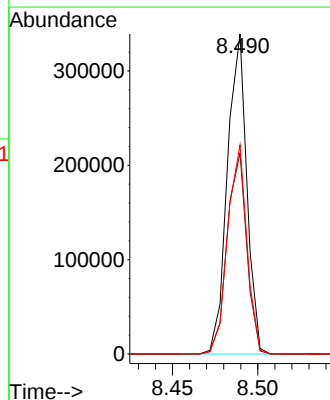
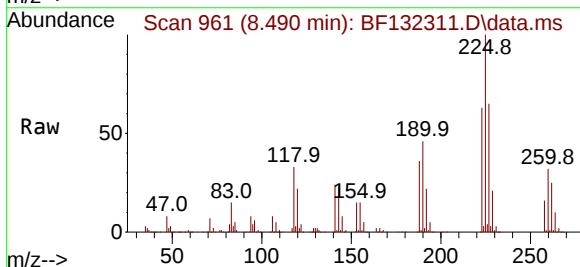
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	39.8
65	24.8	20.2	30.2
92	17.4	14.2	21.4

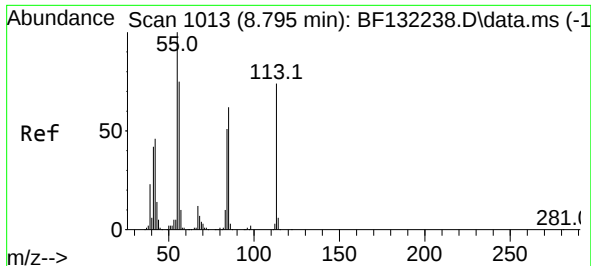


#34
Hexachlorobutadiene
Concen: 51.547 ng
RT: 8.490 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:225 Resp: 268172

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	75.8
227	65.4	51.7	77.5

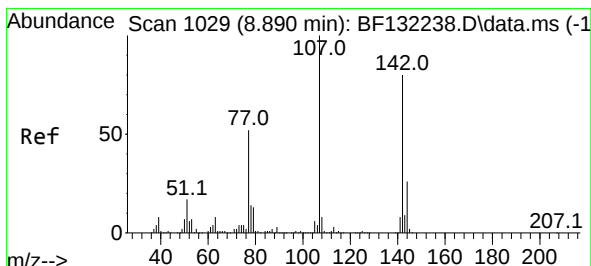
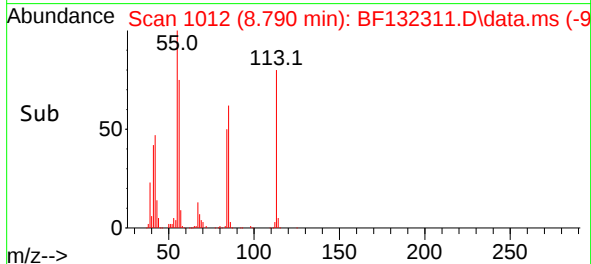
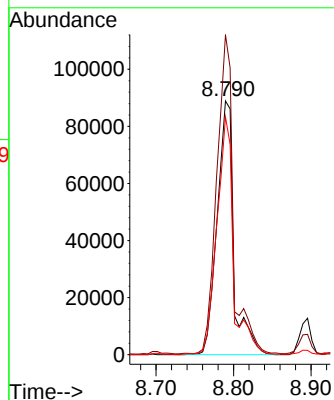
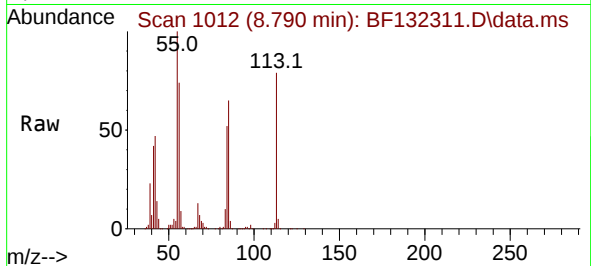




#35
Caprolactam
Concen: 44.955 ng
RT: 8.790 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

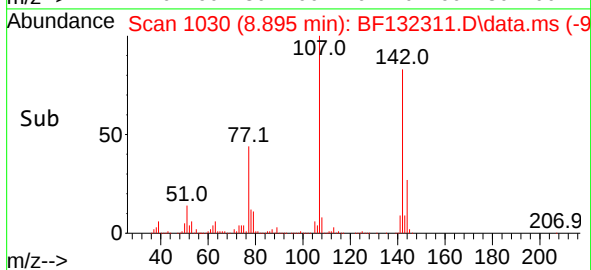
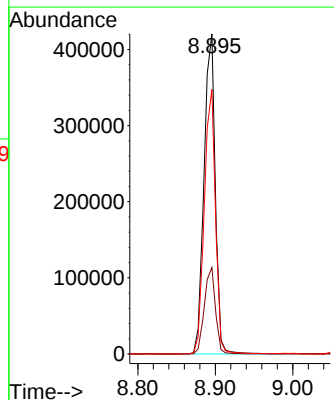
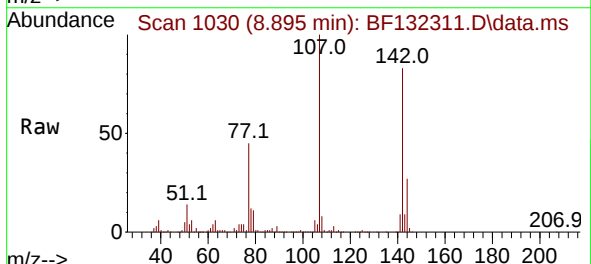
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

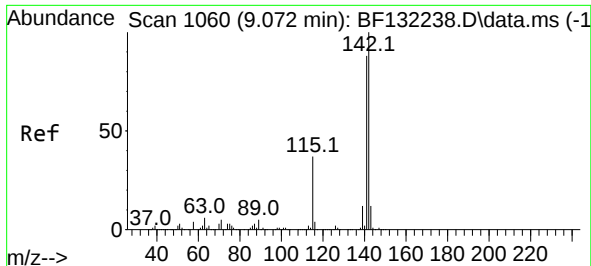
Tgt Ion:113 Resp: 132445
Ion Ratio Lower Upper
113 100
55 126.1 114.7 154.7
56 93.7 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 45.583 ng
RT: 8.895 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:107 Resp: 424389
Ion Ratio Lower Upper
107 100
144 27.0 20.5 30.7
142 82.7 63.6 95.4





#37

2-Methylnaphthalene

Concen: 44.824 ng

RT: 9.072 min Scan# 1060

Delta R.T. -0.000 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

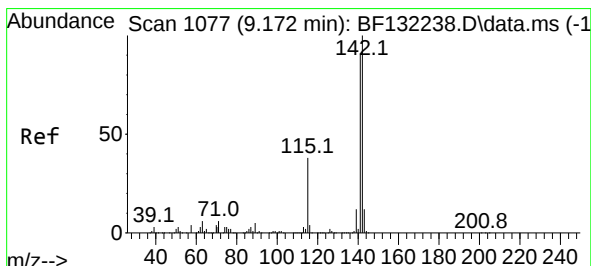
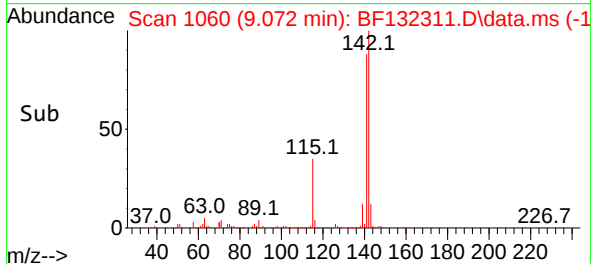
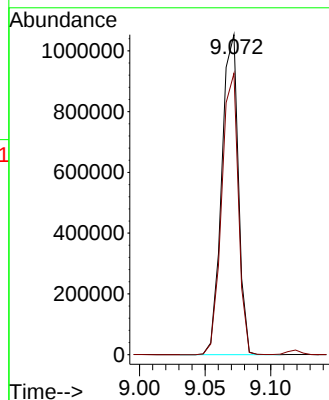
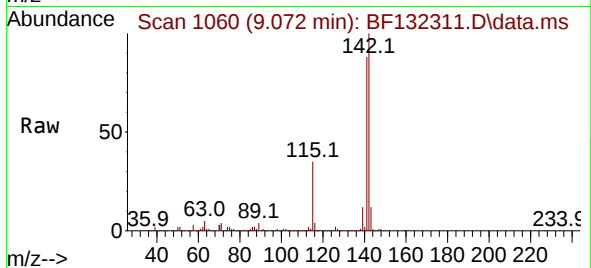
JPP-9-013123MSD

Tgt Ion:142 Resp: 929400

Ion Ratio Lower Upper

142 100

141 87.9 70.1 105.1



#38

1-Methylnaphthalene

Concen: 44.832 ng

RT: 9.172 min Scan# 1077

Delta R.T. 0.000 min

Lab File: BF132311.D

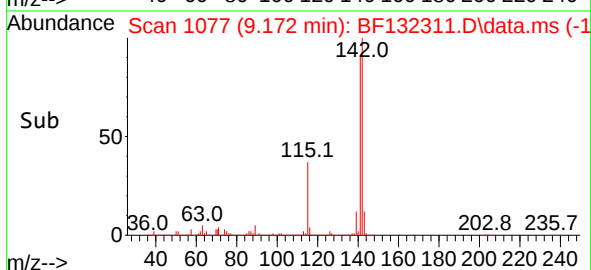
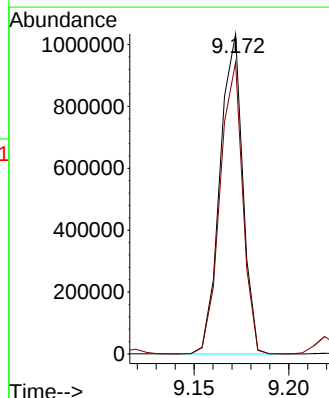
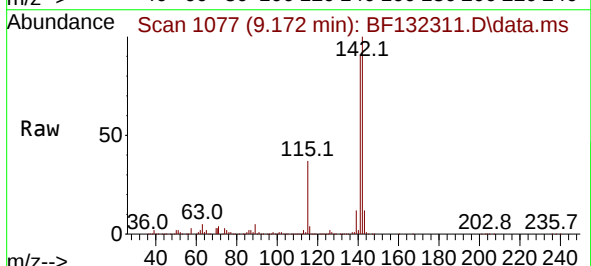
Acq: 03 Feb 2023 01:31

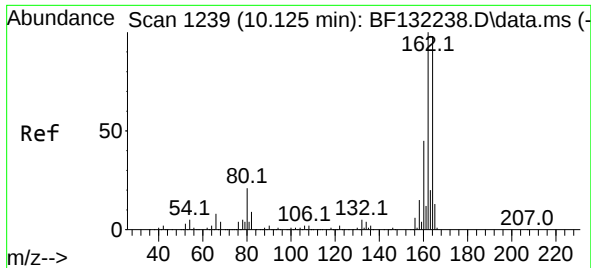
Tgt Ion:142 Resp: 863863

Ion Ratio Lower Upper

142 100

141 91.1 72.6 108.8

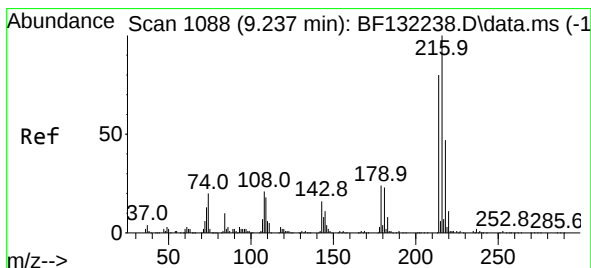
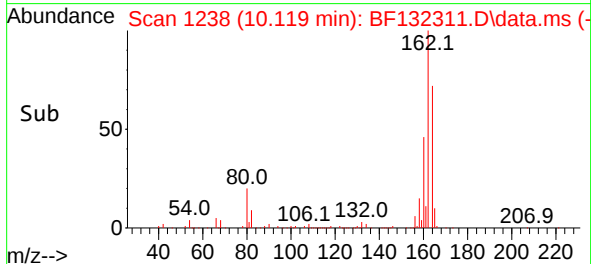
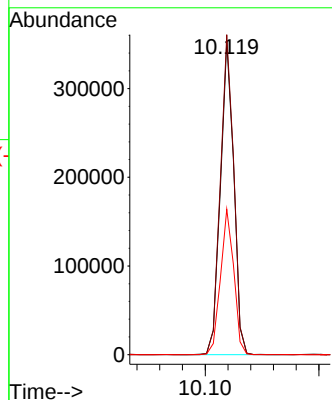
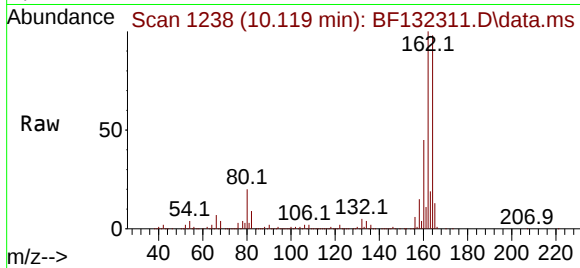




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

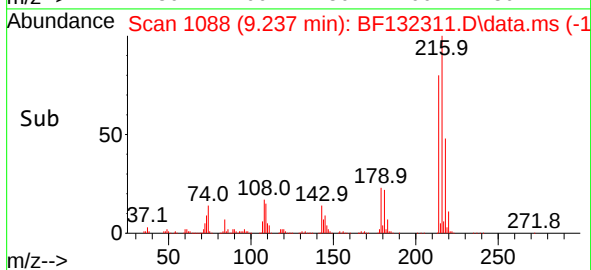
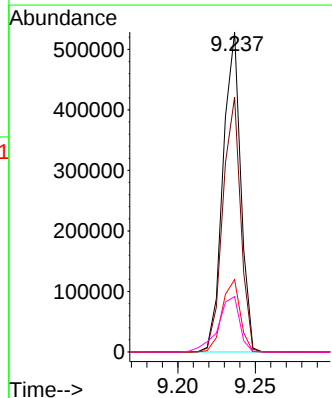
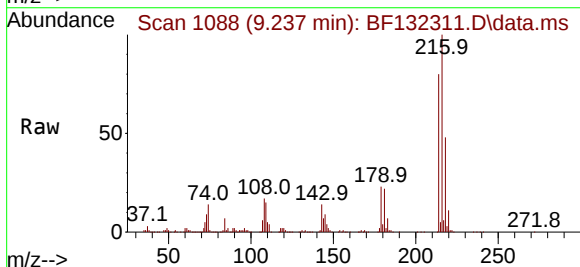
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

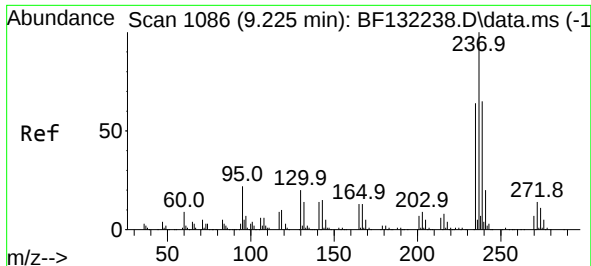
Tgt Ion:164 Resp: 288197
Ion Ratio Lower Upper
164 100
162 102.2 82.0 123.0
160 46.5 37.1 55.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.803 ng
RT: 9.237 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:216 Resp: 420131
Ion Ratio Lower Upper
216 100
214 79.9 63.6 95.4
179 23.0 18.3 27.5
108 21.0 17.7 26.5

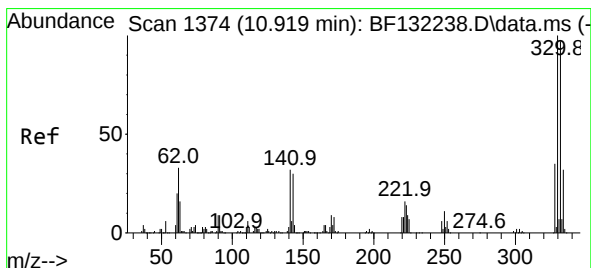
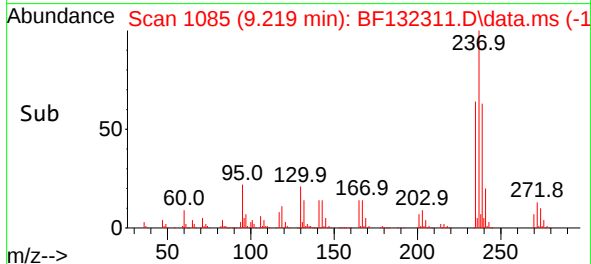
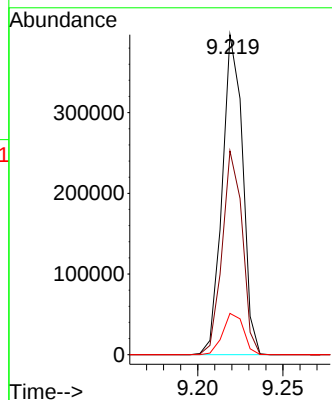
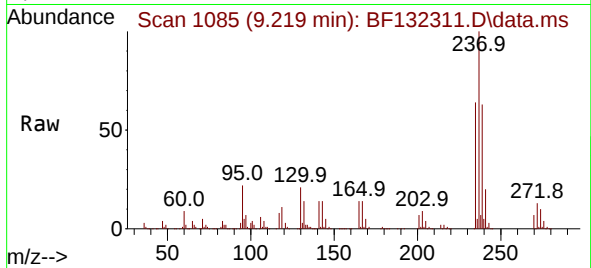




#41
Hexachlorocyclopentadiene
Concen: 69.825 ng
RT: 9.219 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

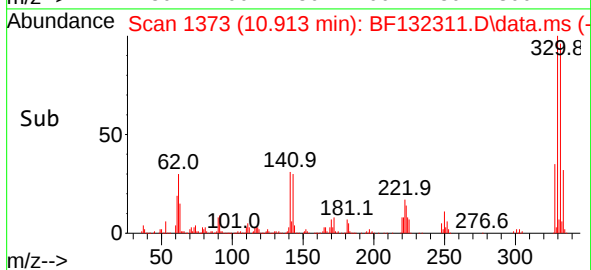
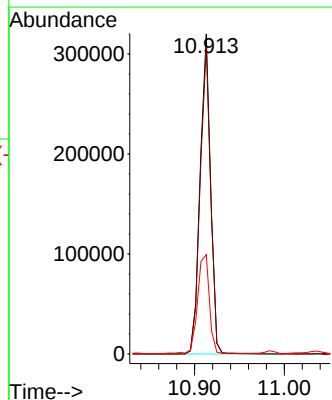
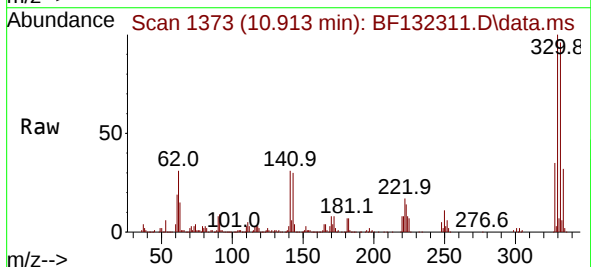
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

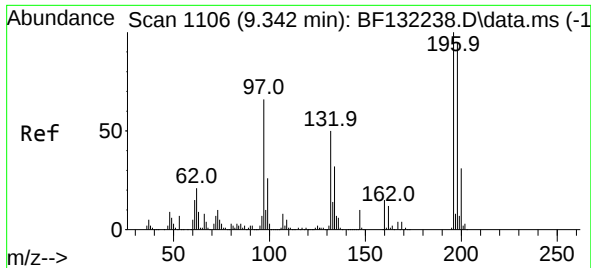
Tgt Ion:237 Resp: 330394
Ion Ratio Lower Upper
237 100
235 63.6 43.5 83.5
272 12.9 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 87.115 ng
RT: 10.913 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:330 Resp: 258184
Ion Ratio Lower Upper
330 100
332 96.5 77.9 116.9
141 34.9 31.0 46.4

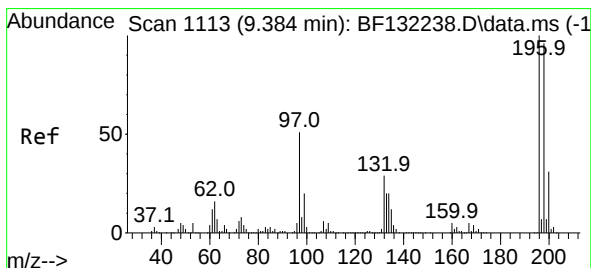
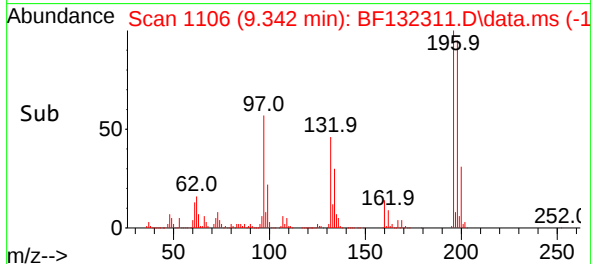
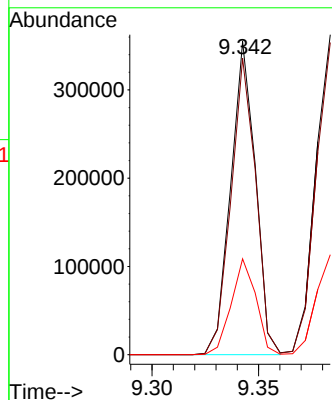
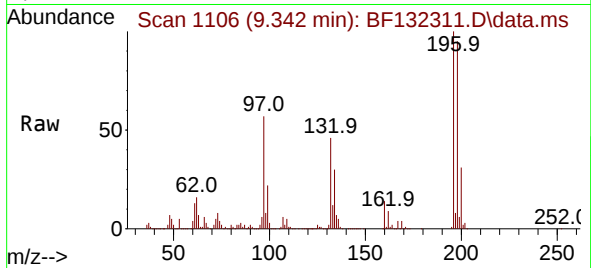




#43
2,4,6-Trichlorophenol
Concen: 49.468 ng
RT: 9.342 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

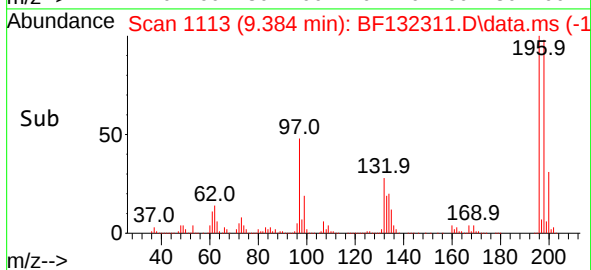
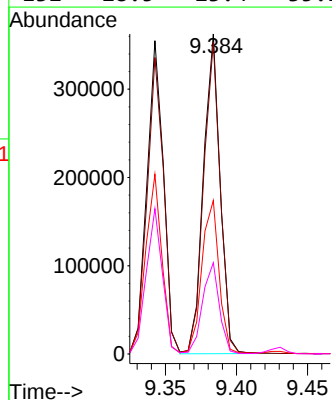
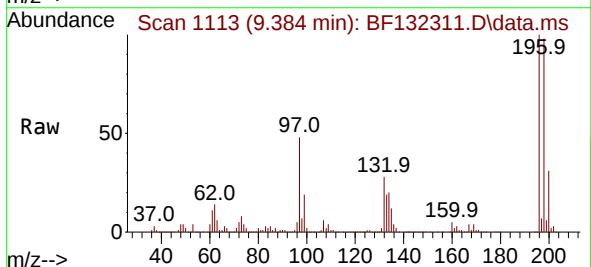
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

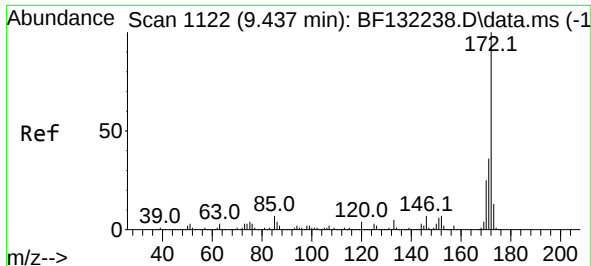
Tgt Ion:196 Resp: 286784
Ion Ratio Lower Upper
196 100
198 94.7 75.9 113.9
200 30.6 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 44.539 ng
RT: 9.384 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:196 Resp: 297201
Ion Ratio Lower Upper
196 100
198 97.5 77.0 115.4
97 47.9 41.2 61.8
132 28.5 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 66.337 ng

RT: 9.431 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

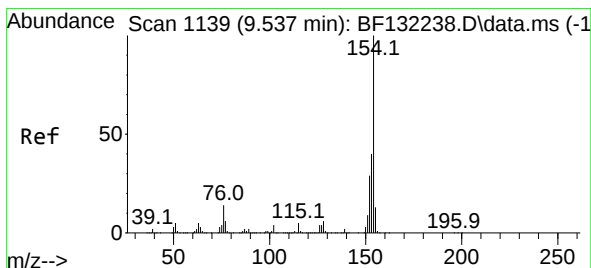
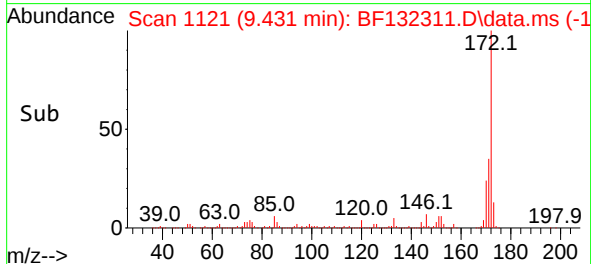
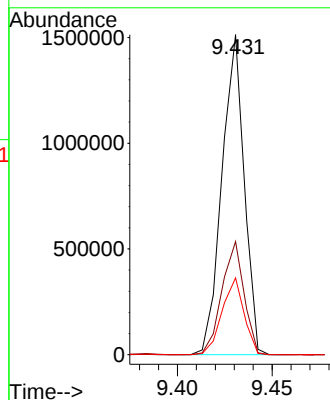
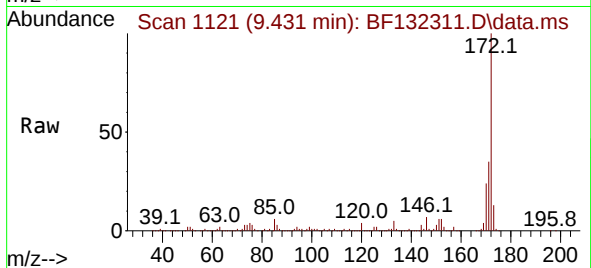
Tgt Ion:172 Resp: 1238019

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 24.0 19.7 29.5



#46

1,1'-Biphenyl

Concen: 49.428 ng

RT: 9.537 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

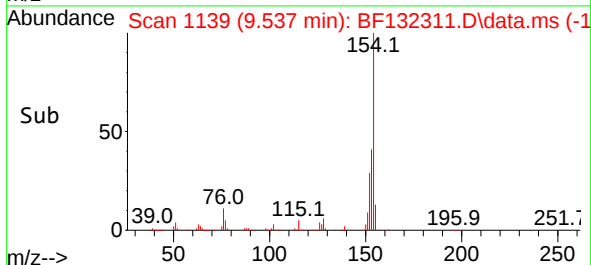
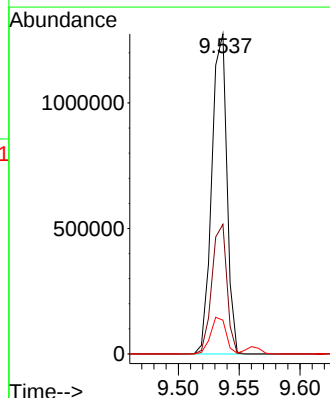
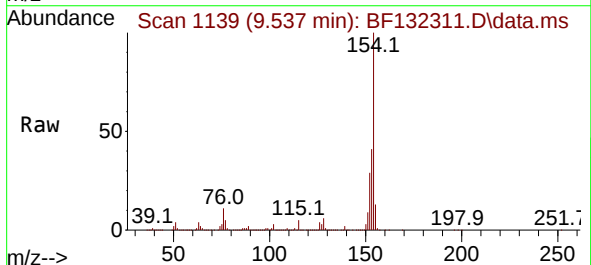
Tgt Ion:154 Resp: 1098215

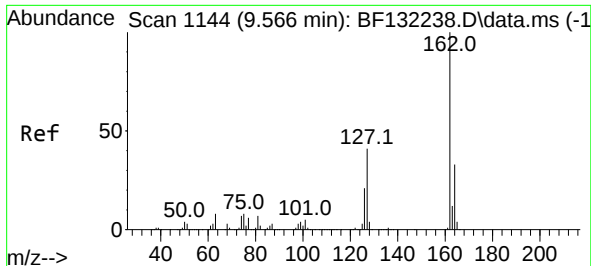
Ion Ratio Lower Upper

154 100

153 40.5 19.9 59.9

76 10.6 0.0 34.0





#47

2-Chloronaphthalene

Concen: 49.747 ng

RT: 9.560 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

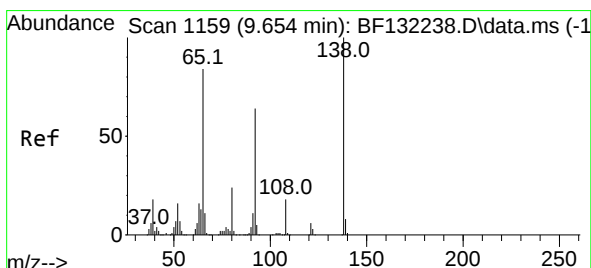
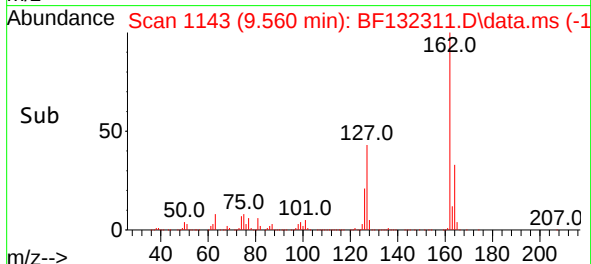
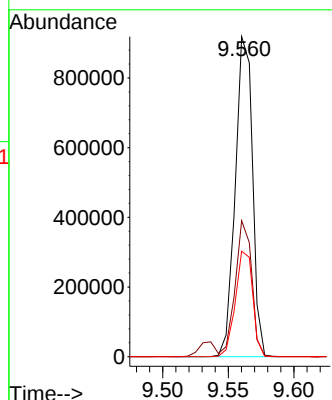
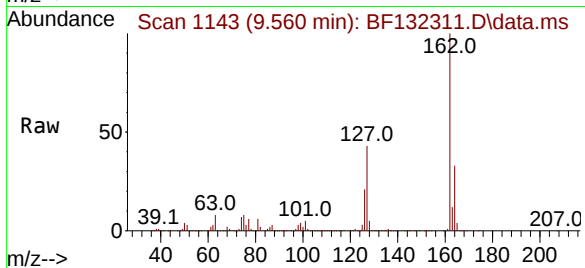
Tgt Ion:162 Resp: 841848

Ion Ratio Lower Upper

162 100

127 42.5 33.3 49.9

164 32.9 26.8 40.2



#48

2-Nitroaniline

Concen: 41.714 ng

RT: 9.654 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

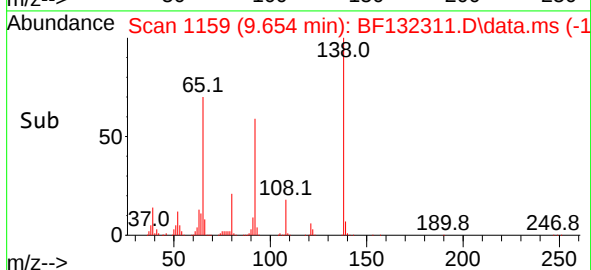
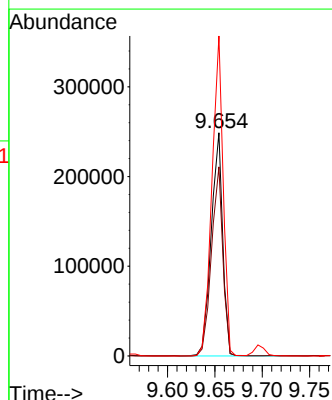
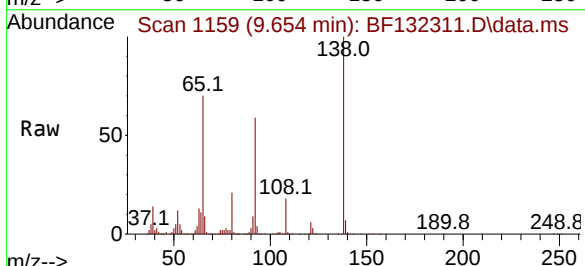
Tgt Ion: 65 Resp: 209942

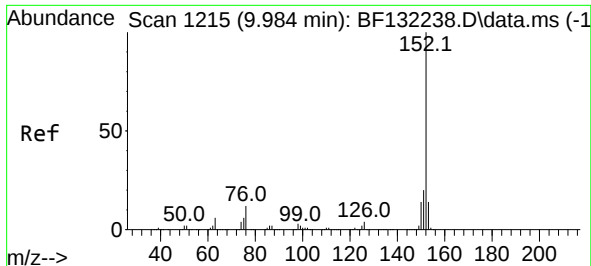
Ion Ratio Lower Upper

65 100

92 84.7 61.0 91.4

138 143.4 95.0 142.4#





#49

Acenaphthylene

Concen: 46.294 ng

RT: 9.984 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

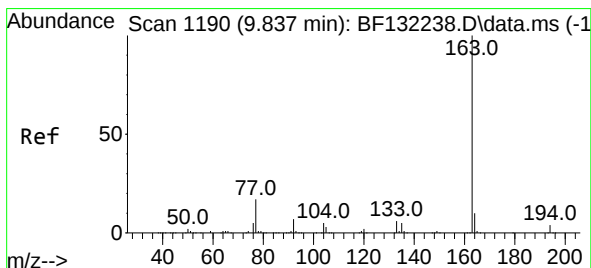
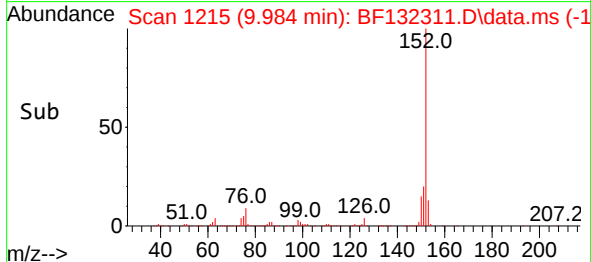
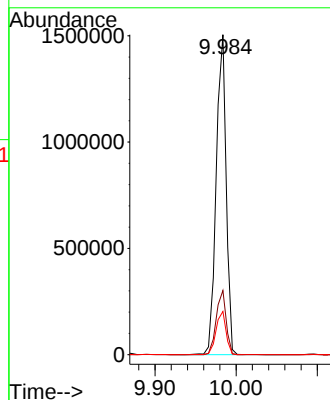
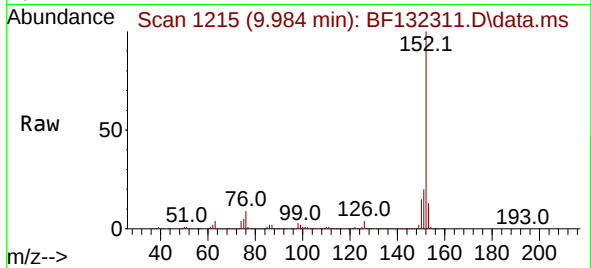
Tgt Ion:152 Resp: 1278590

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.5 10.9 16.3



#50

Dimethylphthalate

Concen: 48.235 ng

RT: 9.831 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

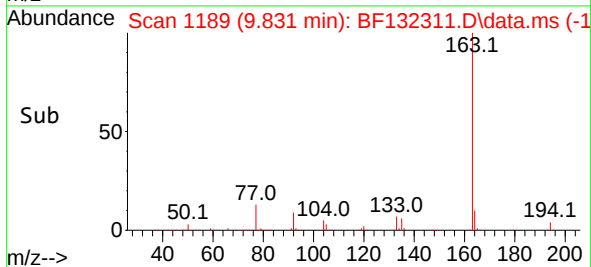
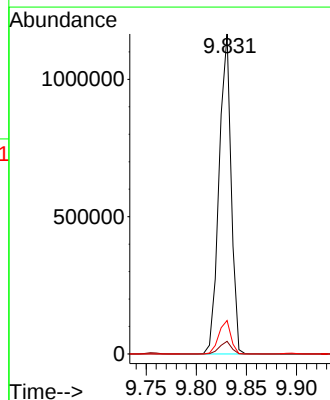
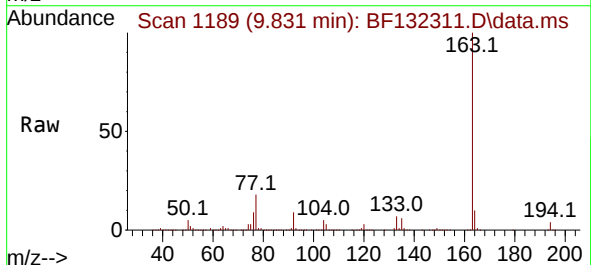
Tgt Ion:163 Resp: 972403

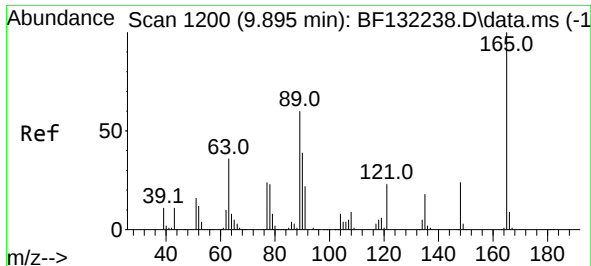
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.5 7.9 11.9

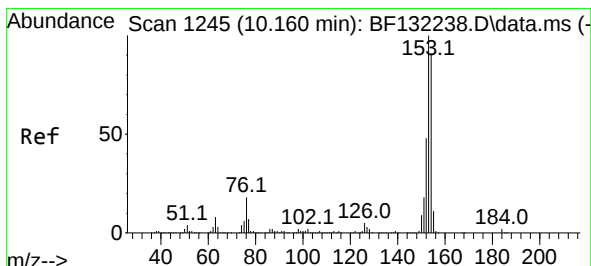
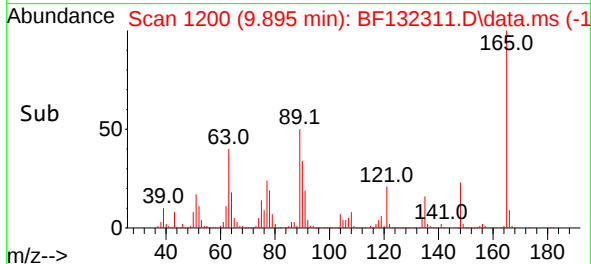
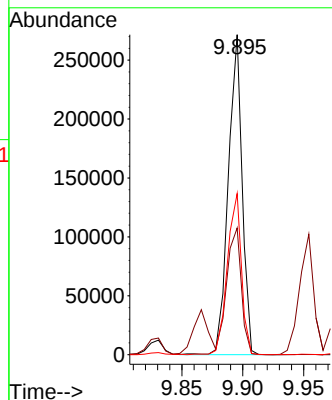
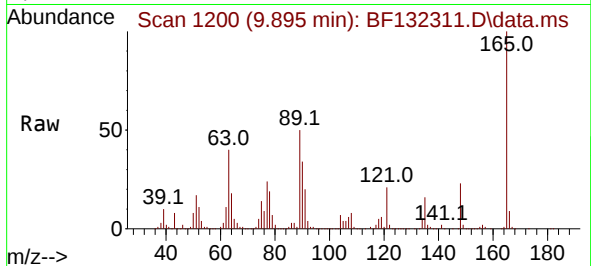




#51
2,6-Dinitrotoluene
Concen: 47.881 ng
RT: 9.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

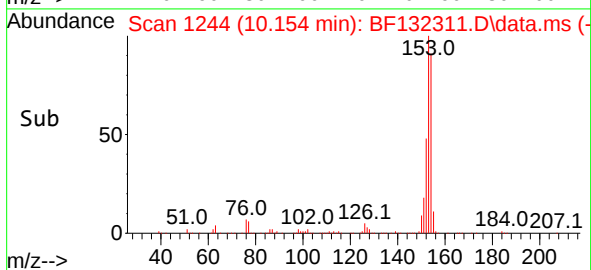
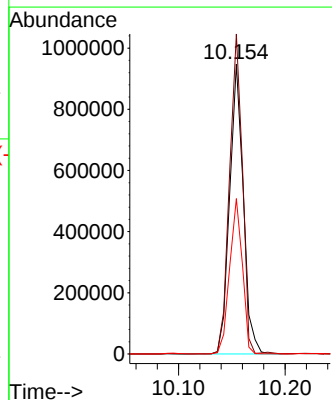
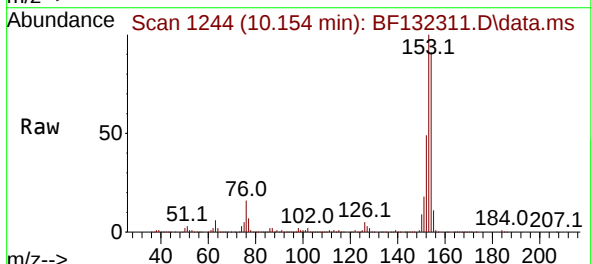
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

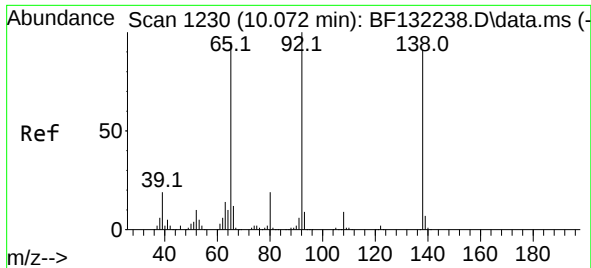
Tgt Ion:165 Resp: 215579
Ion Ratio Lower Upper
165 100
63 39.6 41.5 62.3#
89 50.3 48.1 72.1



#52
Acenaphthene
Concen: 48.760 ng
RT: 10.154 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:154 Resp: 843105
Ion Ratio Lower Upper
154 100
153 110.4 88.3 132.5
152 53.6 42.7 64.1

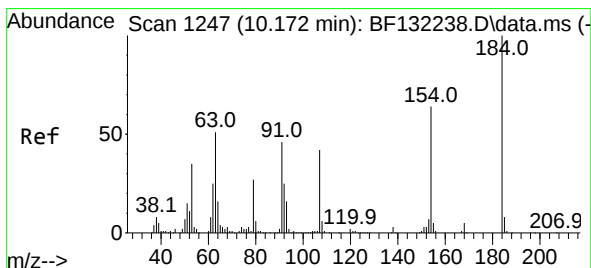
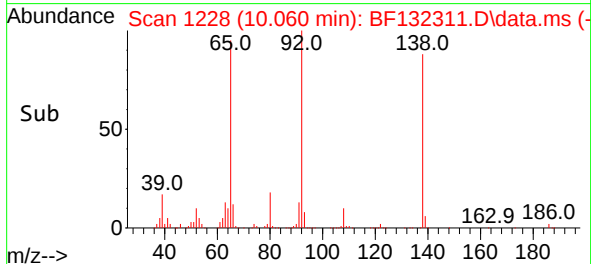
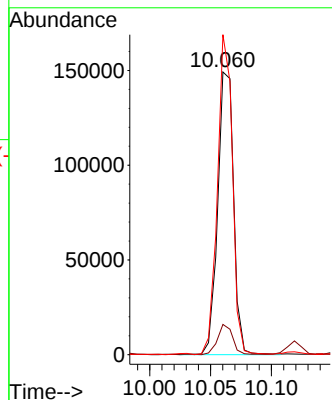
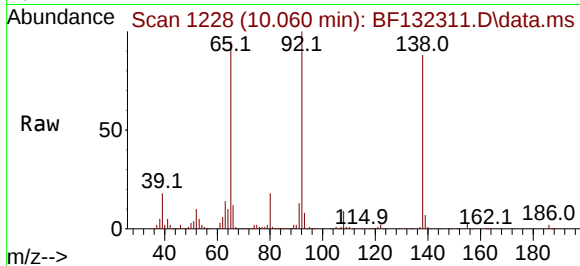




#53
3-Nitroaniline
Concen: 24.985 ng
RT: 10.060 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

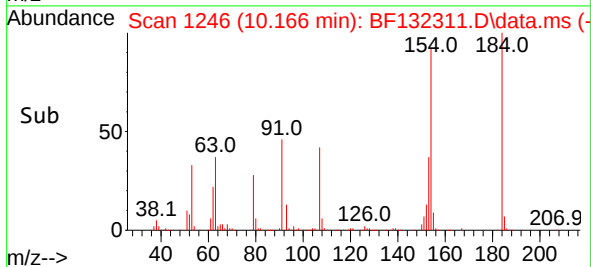
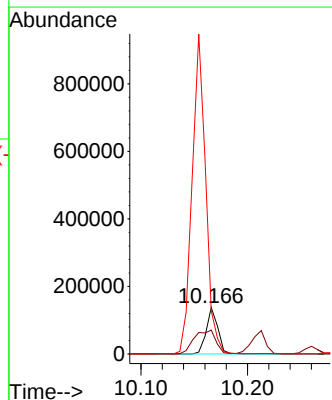
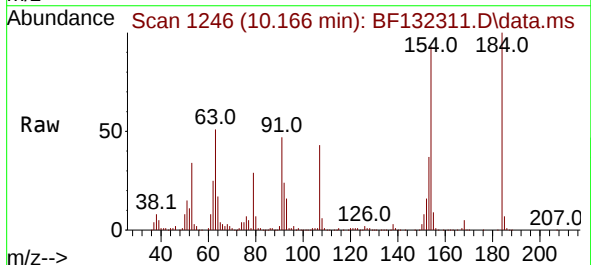
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

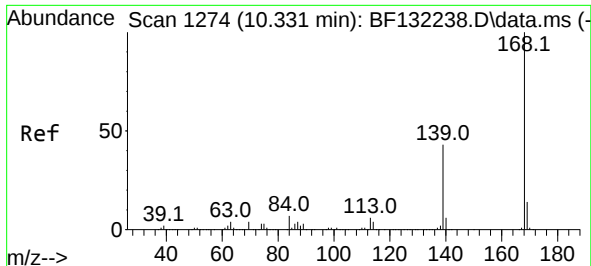
Tgt Ion:138 Resp: 136418
Ion Ratio Lower Upper
138 100
108 10.7 7.6 11.4
92 113.2 88.3 132.5



#54
2,4-Dinitrophenol
Concen: 41.961 ng
RT: 10.166 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:184 Resp: 103835
Ion Ratio Lower Upper
184 100
63 51.2 41.6 62.4
154 92.7 57.0 85.6#

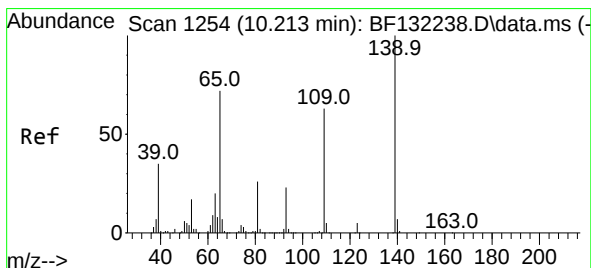
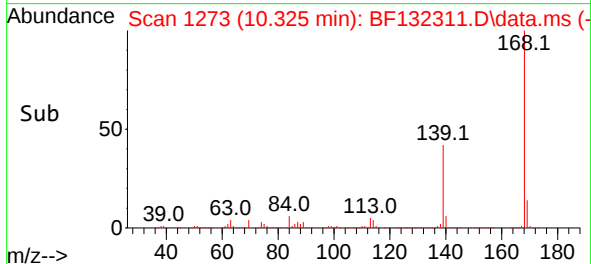
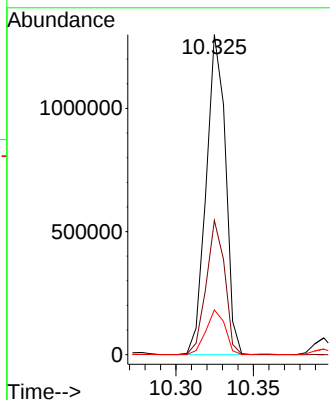
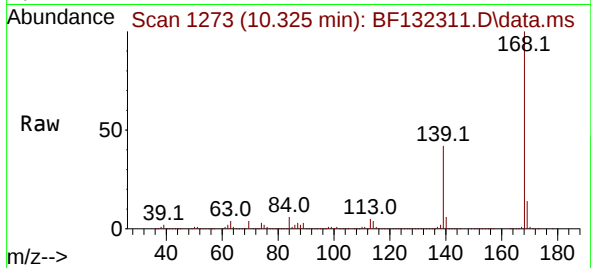




#55
Dibenzenofuran
Concen: 46.359 ng
RT: 10.325 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

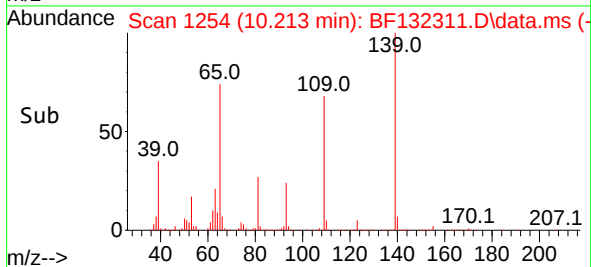
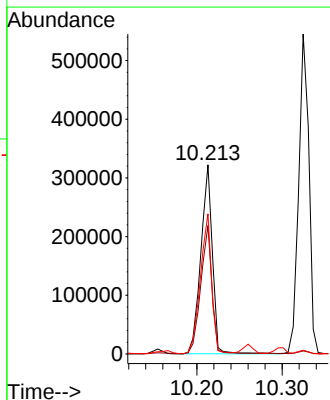
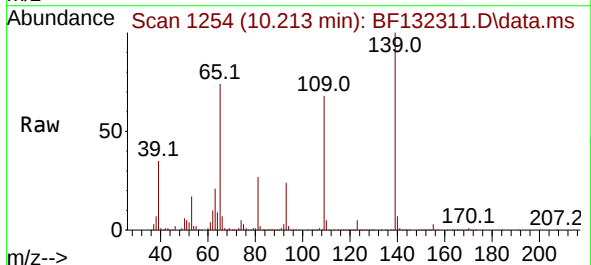
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

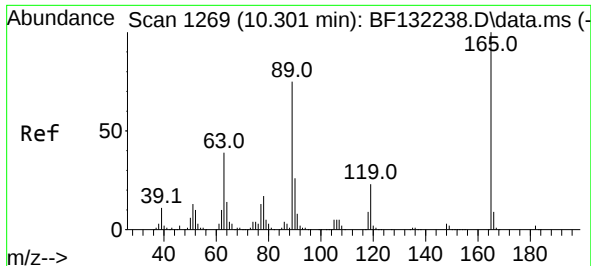
Tgt Ion:168 Resp: 1126268
Ion Ratio Lower Upper
168 100
139 42.0 34.2 51.4
169 14.0 11.2 16.8



#56
4-Nitrophenol
Concen: 73.518 ng
RT: 10.213 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:139 Resp: 302064
Ion Ratio Lower Upper
139 100
109 67.8 43.3 83.3
65 74.1 52.3 92.3

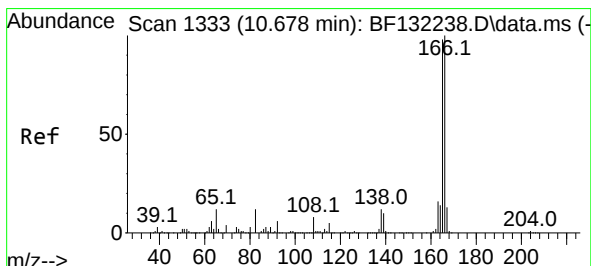
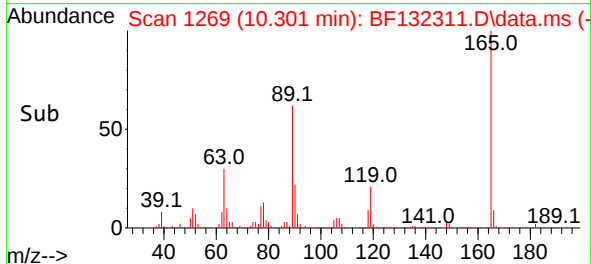
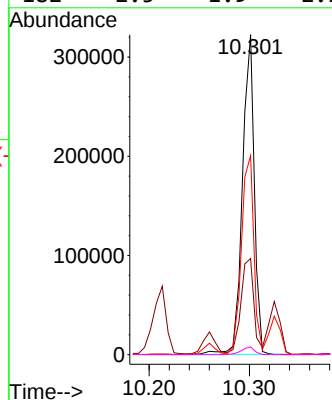
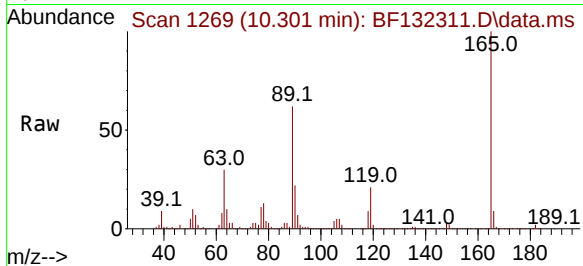




#57
2,4-Dinitrotoluene
Concen: 45.477 ng
RT: 10.301 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

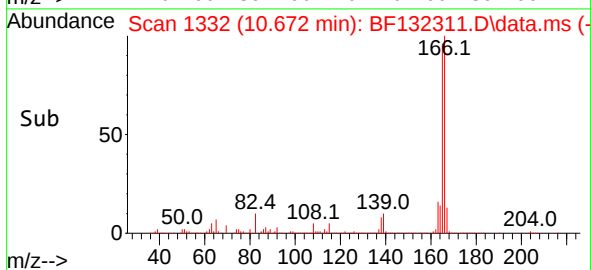
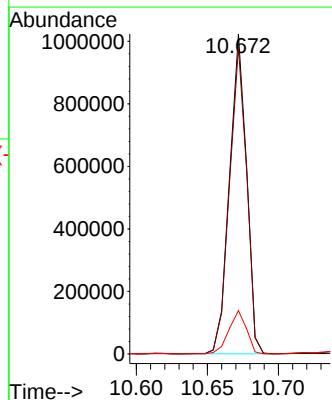
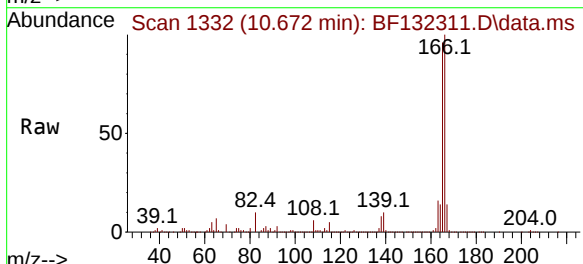
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BNA_F
ClientSampleId :
JPP-9-013123MSD

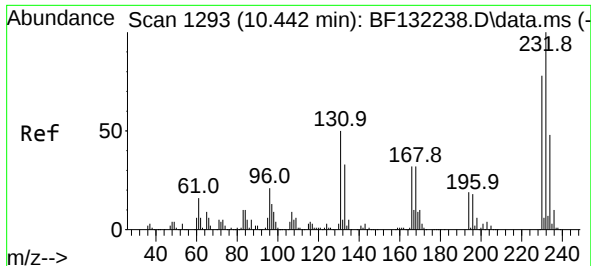
Tgt Ion:165 Resp: 265977
Ion Ratio Lower Upper
165 100
63 30.1 30.9 46.3#
89 62.2 60.1 90.1
182 2.5 1.9 2.9



#58
Fluorene
Concen: 45.514 ng
RT: 10.672 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:166 Resp: 850988
Ion Ratio Lower Upper
166 100
165 96.0 78.0 117.0
167 13.6 10.8 16.2

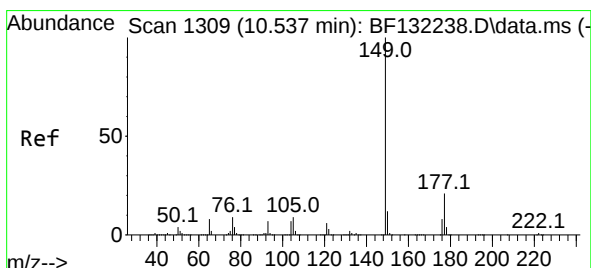
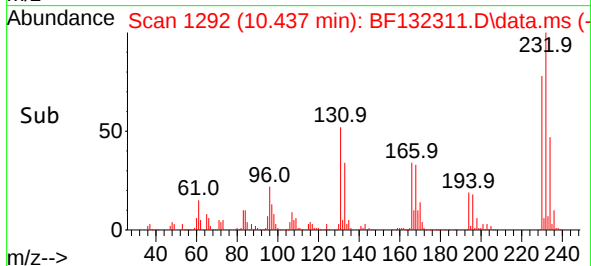
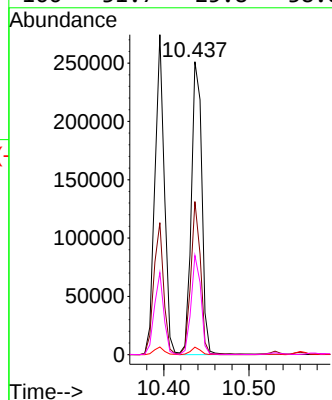
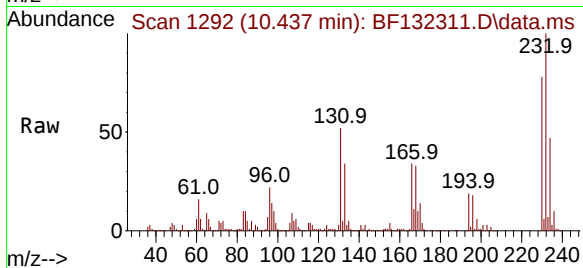




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.047 ng
RT: 10.437 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

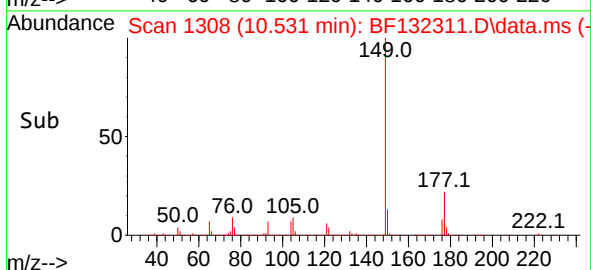
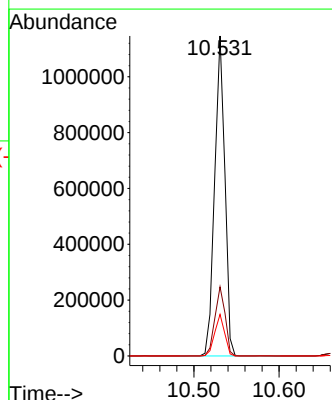
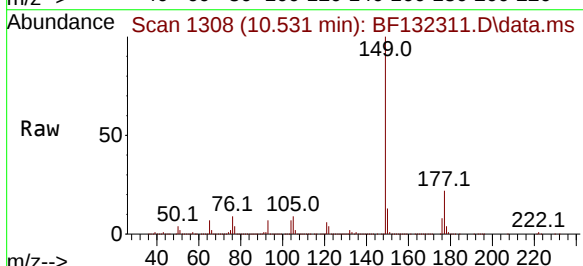
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

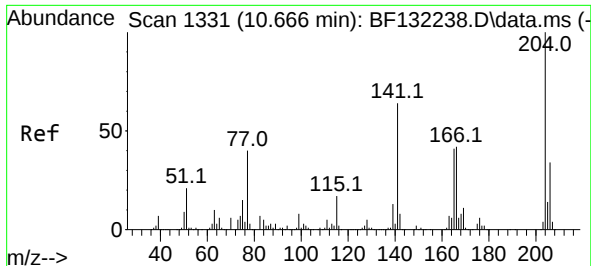
Tgt Ion:232 Resp: 214269
Ion Ratio Lower Upper
232 100
131 48.1 40.6 61.0
130 2.5 1.9 2.9
166 31.7 25.8 38.8



#60
Diethylphthalate
Concen: 47.539 ng
RT: 10.531 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:149 Resp: 953382
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 13.0 9.9 14.9

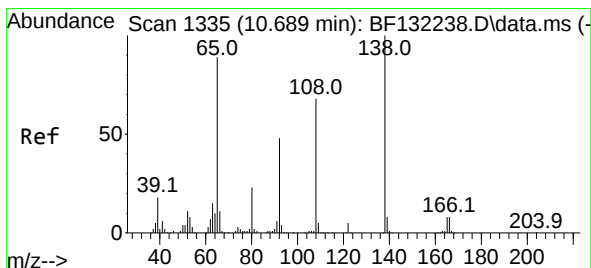
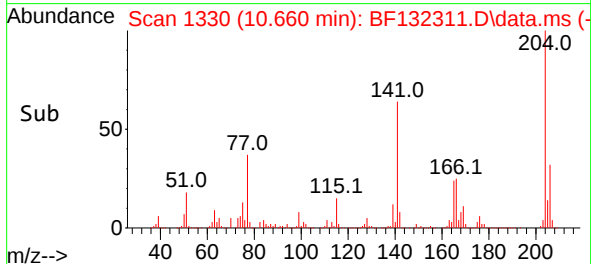
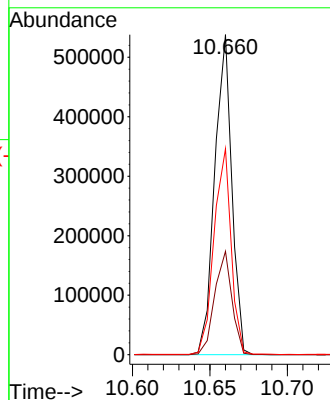
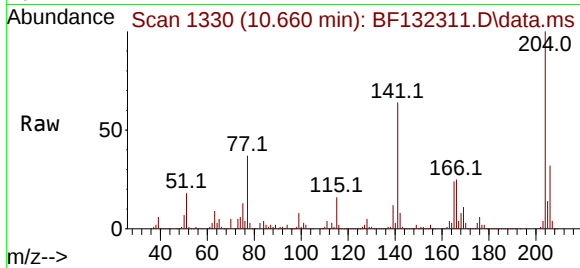




#61
4-Chlorophenyl-phenylether
Concen: 46.495 ng
RT: 10.660 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

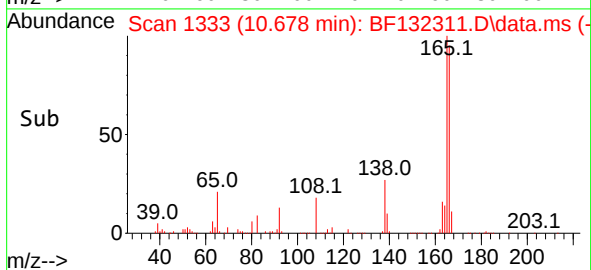
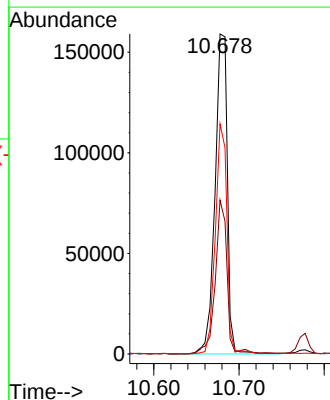
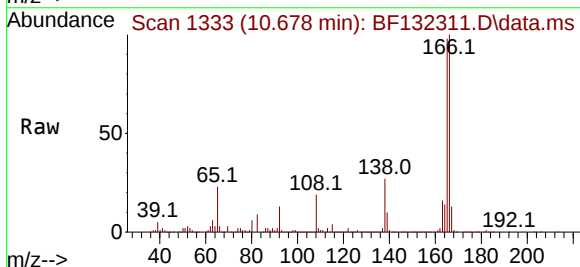
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

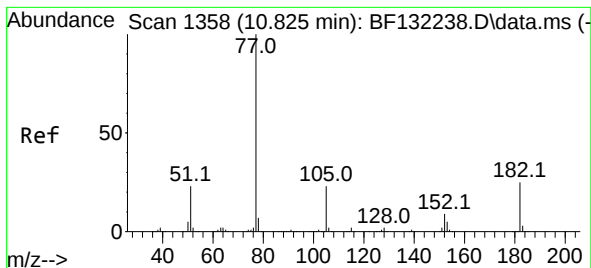
Tgt Ion:204 Resp: 412567
Ion Ratio Lower Upper
204 100
206 32.3 26.8 40.2
141 64.4 51.4 77.0



#62
4-Nitroaniline
Concen: 30.640 ng
RT: 10.678 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:138 Resp: 160429
Ion Ratio Lower Upper
138 100
92 48.1 27.7 67.7
108 71.9 48.5 88.5





#63

Azobenzene

Concen: 43.346 ng

RT: 10.819 min Scan# 1493

Delta R.T. -0.006 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

Tgt Ion: 77 Resp: 846753

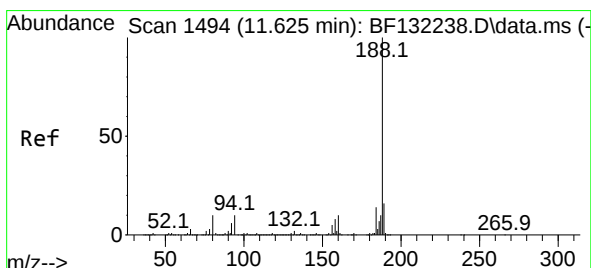
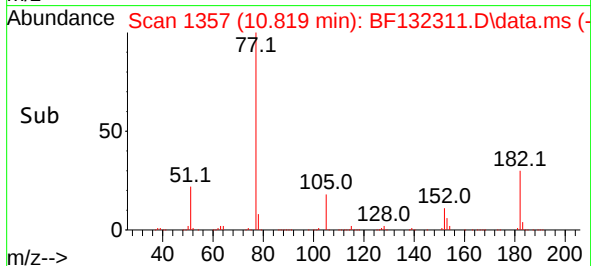
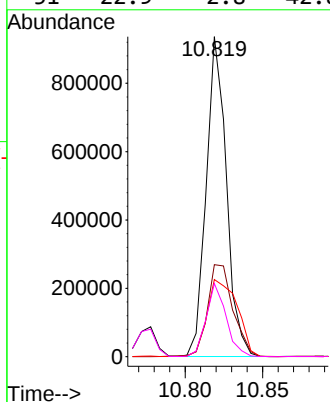
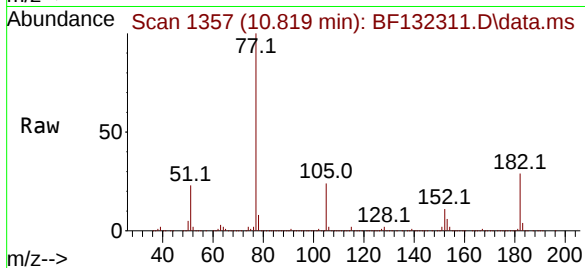
Ion Ratio Lower Upper

77 100

182 28.7 4.5 44.5

105 24.1 2.7 42.7

51 22.9 2.8 42.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.619 min Scan# 1493

Delta R.T. -0.006 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

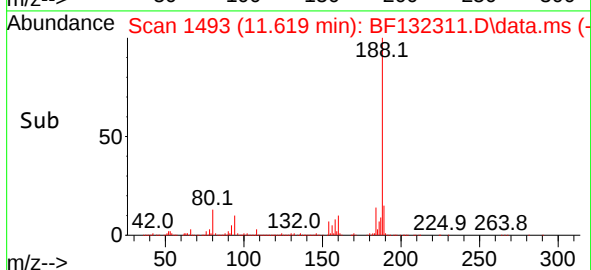
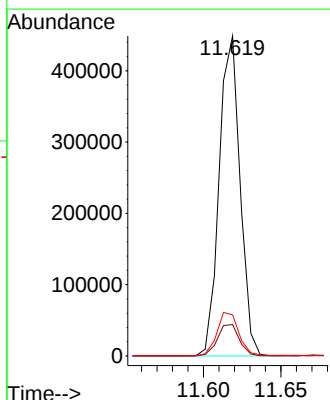
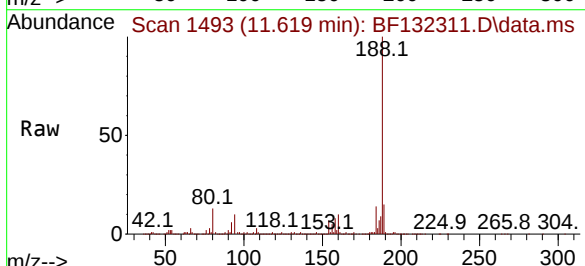
Tgt Ion:188 Resp: 420498

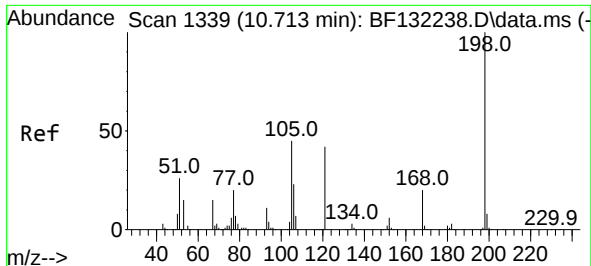
Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

80 12.8 8.3 12.5#

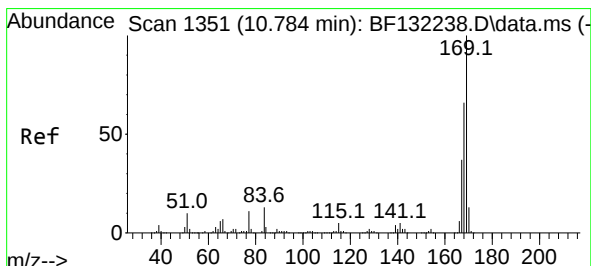
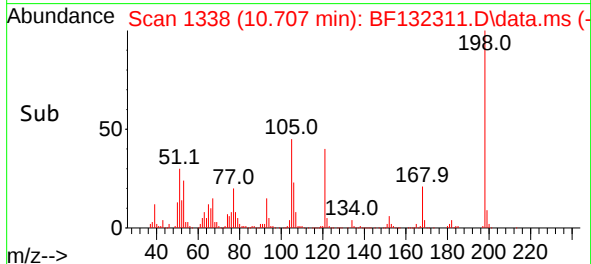
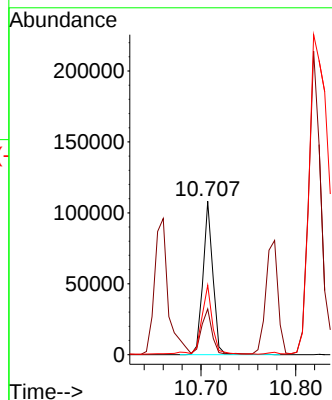
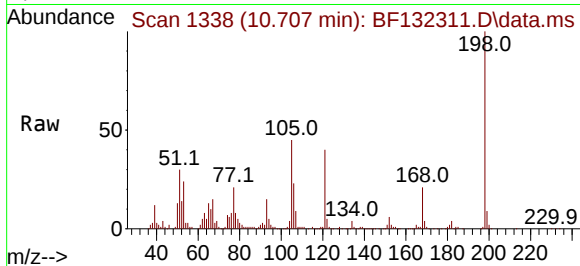




#65
4,6-Dinitro-2-methylphenol
Concen: 33.163 ng
RT: 10.707 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

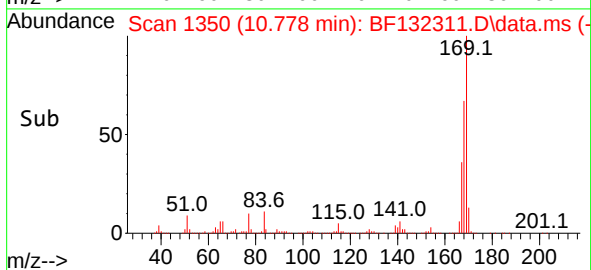
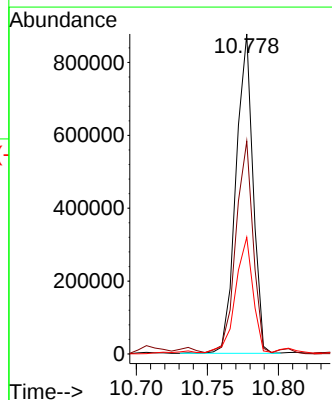
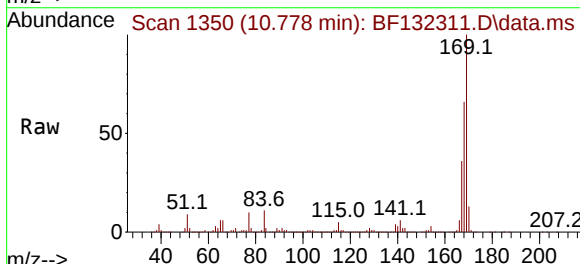
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

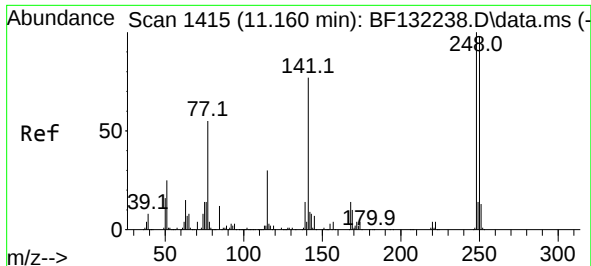
Tgt Ion:198 Resp: 79145
Ion Ratio Lower Upper
198 100
51 29.8 13.1 53.1
105 45.2 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 55.427 ng
RT: 10.778 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:169 Resp: 729814
Ion Ratio Lower Upper
169 100
168 66.5 52.6 79.0
167 36.5 29.5 44.3

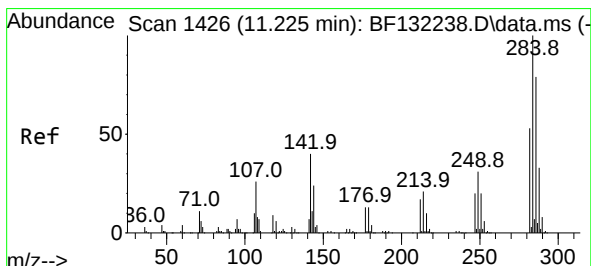
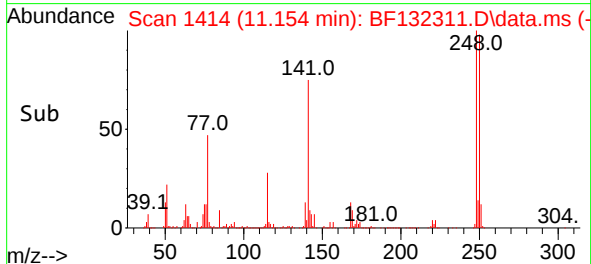
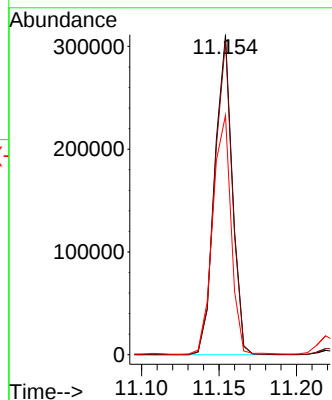
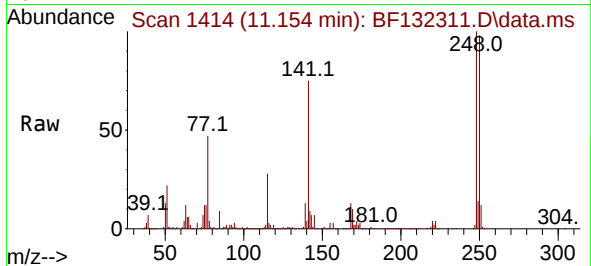




#67
4-Bromophenyl-phenylether
Concen: 57.247 ng
RT: 11.154 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

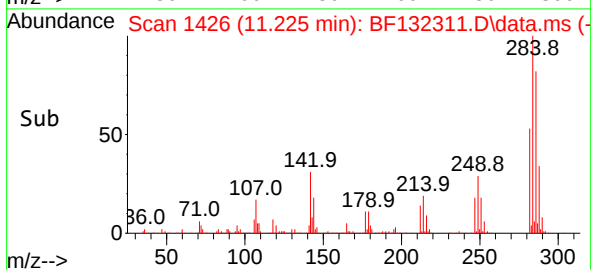
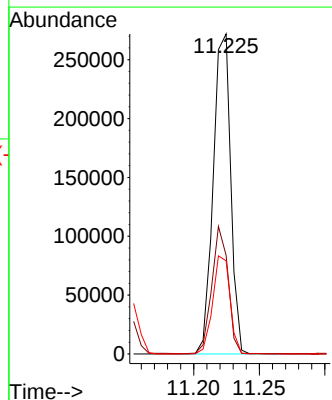
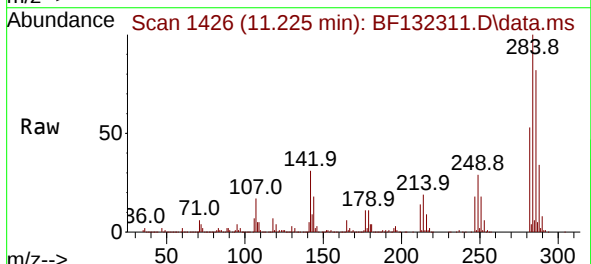
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

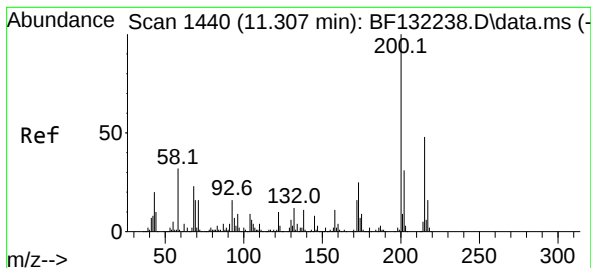
Tgt Ion:248 Resp: 246498
Ion Ratio Lower Upper
248 100
250 98.1 78.6 117.8
141 74.8 61.6 92.4



#68
Hexachlorobenzene
Concen: 54.771 ng
RT: 11.225 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:284 Resp: 252072
Ion Ratio Lower Upper
284 100
142 30.8 32.2 48.4#
249 29.1 25.0 37.6





#69

Atrazine

Concen: 59.351 ng

RT: 11.301 min Scan# 1439

Delta R.T. -0.006 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

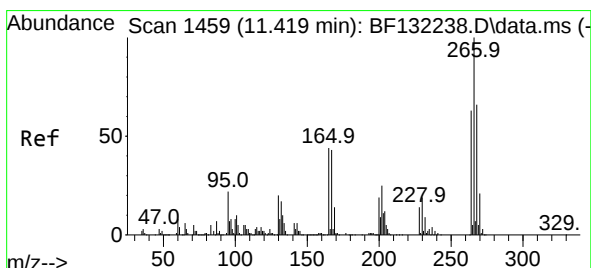
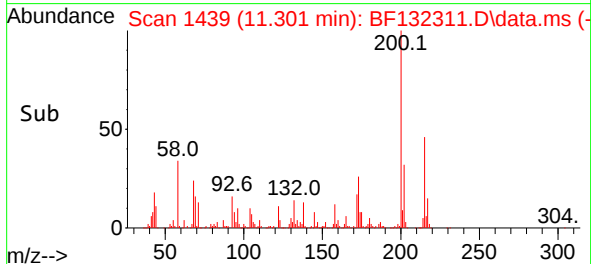
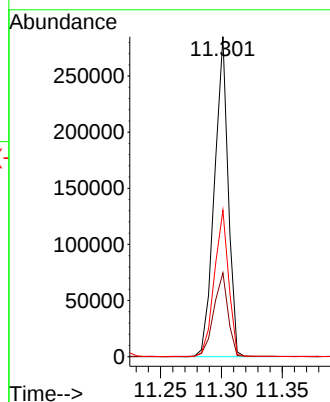
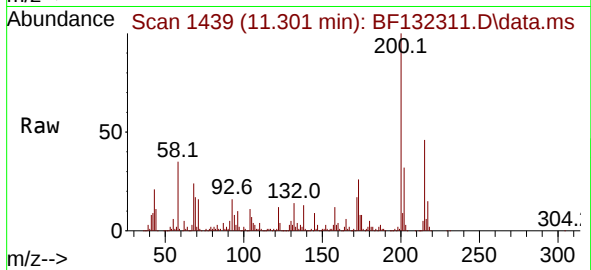
Tgt Ion:200 Resp: 224783

Ion Ratio Lower Upper

200 100

173 26.2 5.1 45.1

215 45.8 27.6 67.6



#70

Pentachlorophenol

Concen: 76.499 ng

RT: 11.413 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

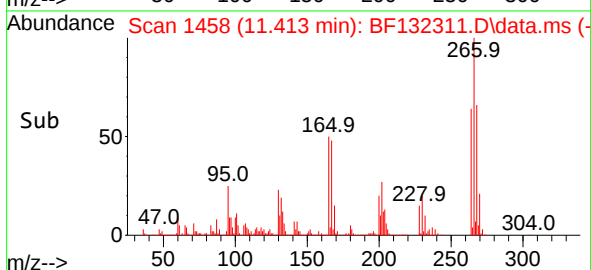
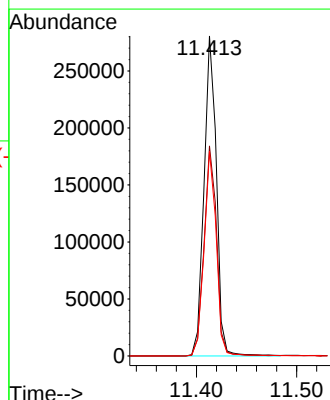
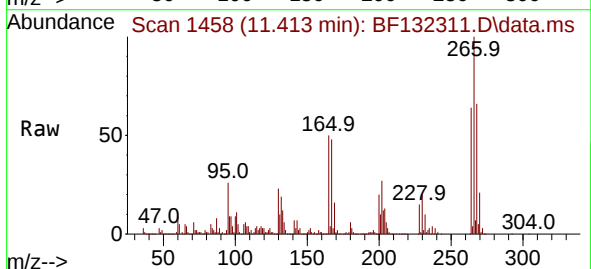
Tgt Ion:266 Resp: 241904

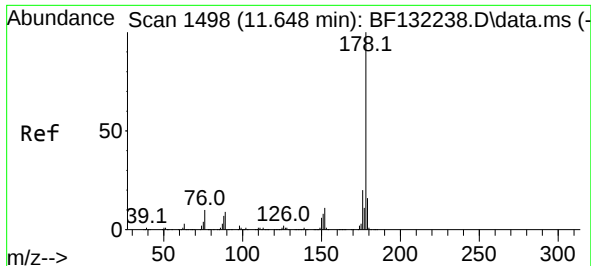
Ion Ratio Lower Upper

266 100

268 65.7 53.0 79.4

264 64.0 50.5 75.7

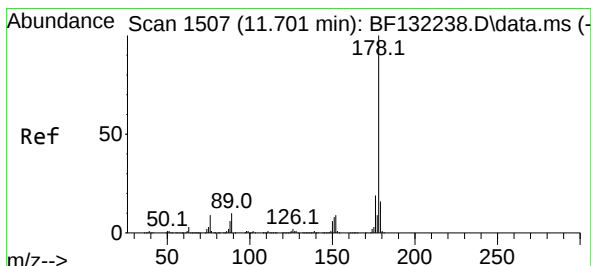
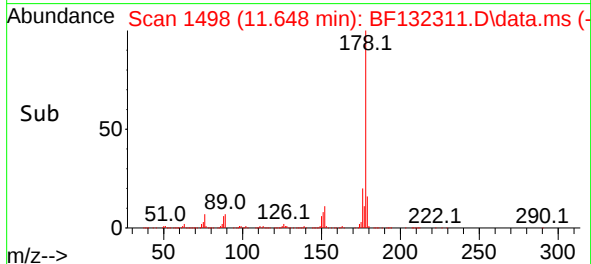
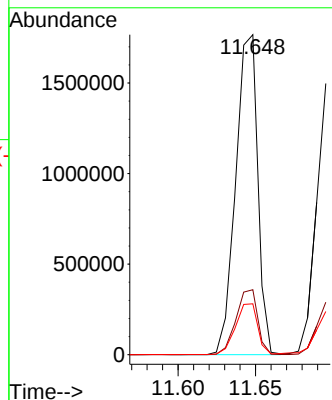
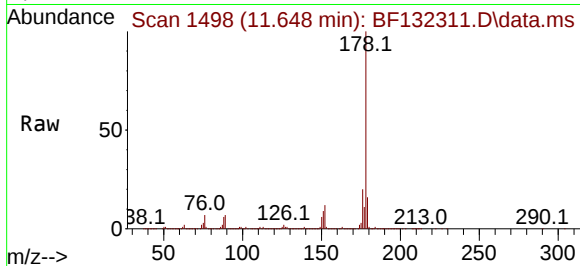




#71
Phenanthrene
Concen: 79.556 ng
RT: 11.648 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

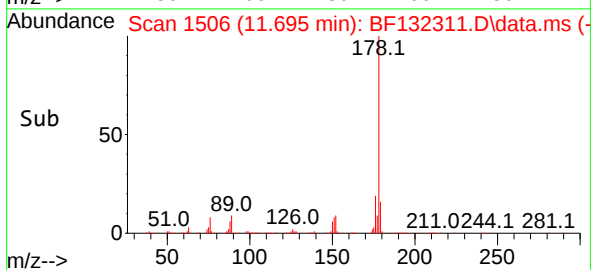
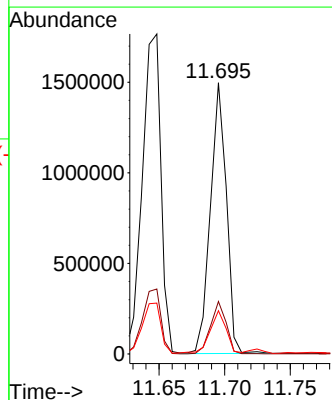
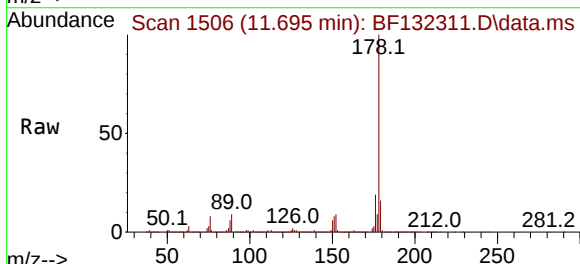
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

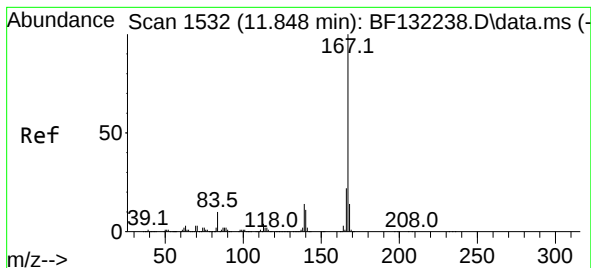
Tgt Ion:178 Resp: 1748129
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 15.9 12.8 19.2



#72
Anthracene
Concen: 56.797 ng
RT: 11.695 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:178 Resp: 1270105
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.9 12.8 19.2





#73

Carbazole

Concen: 44.683 ng

RT: 11.848 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

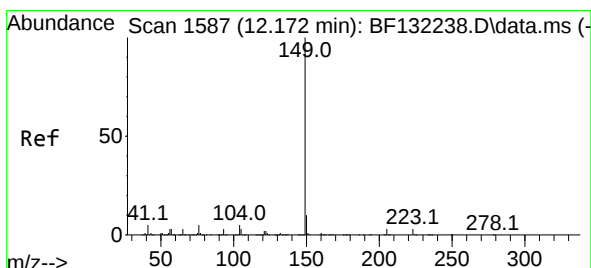
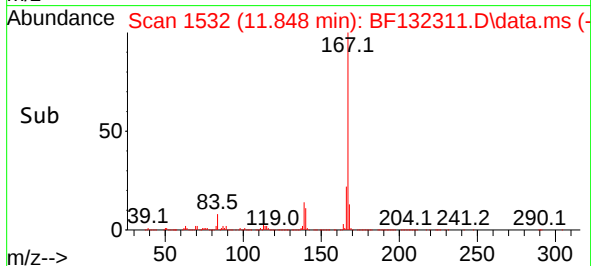
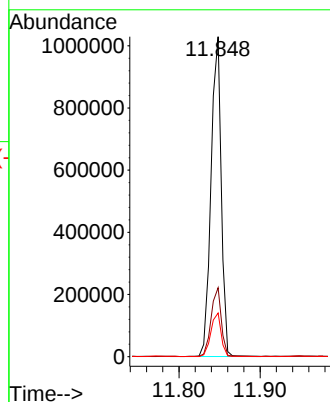
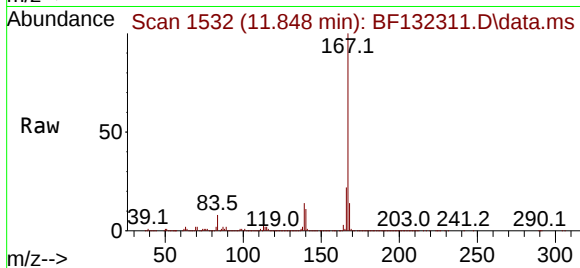
Tgt Ion:167 Resp: 895942

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

139 13.6 11.4 17.2



#74

Di-n-butylphthalate

Concen: 52.127 ng

RT: 12.166 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

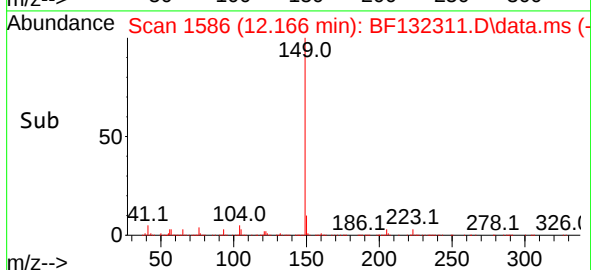
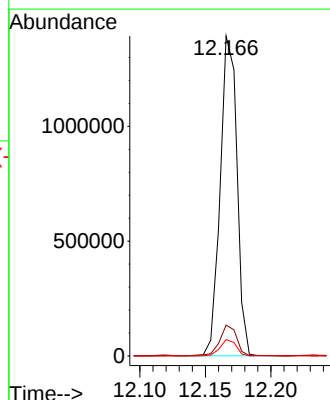
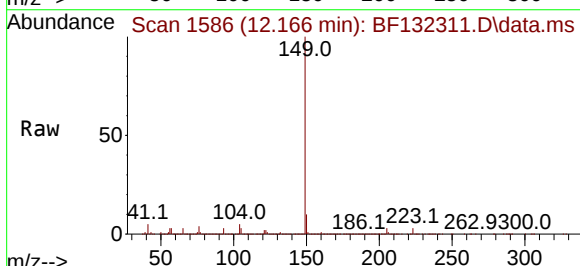
Tgt Ion:149 Resp: 1235673

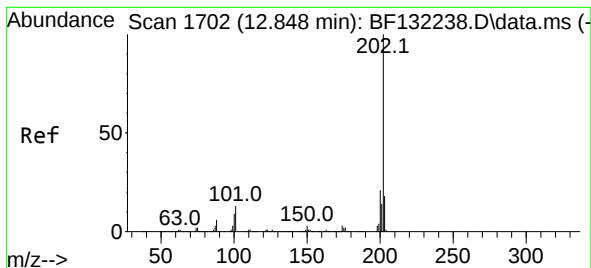
Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 98.699 ng

RT: 12.848 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

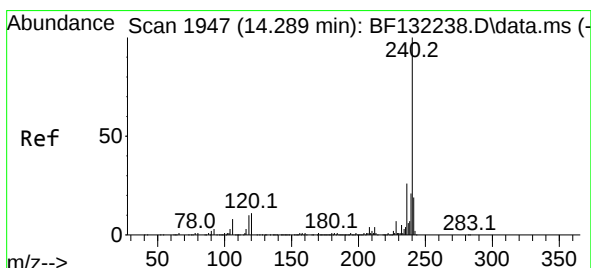
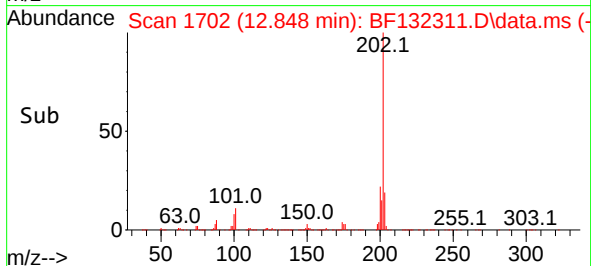
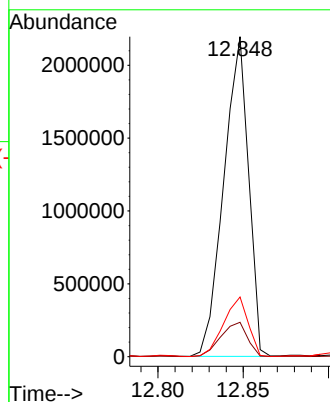
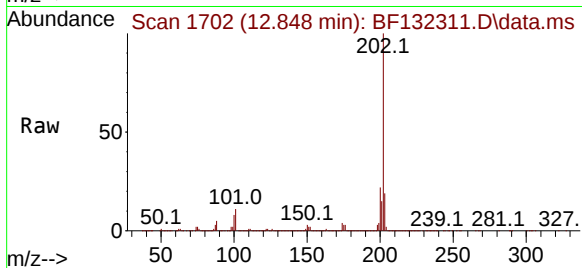
Tgt Ion:202 Resp: 2213157

Ion Ratio Lower Upper

202 100

101 10.8 0.0 32.7

203 18.7 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.289 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

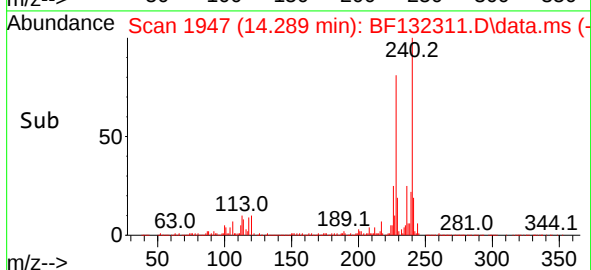
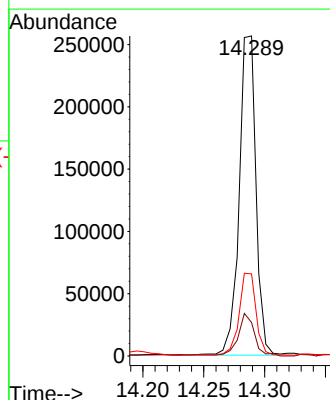
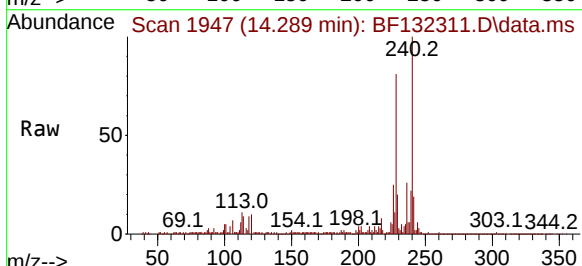
Tgt Ion:240 Resp: 245409

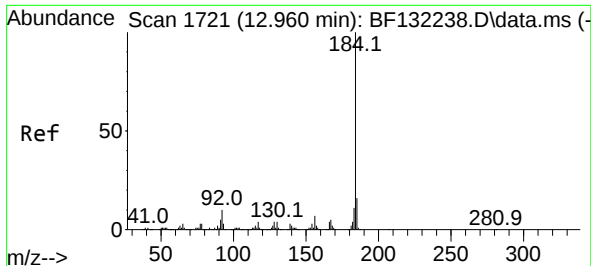
Ion Ratio Lower Upper

240 100

120 10.4 8.8 13.2

236 25.6 21.0 31.6

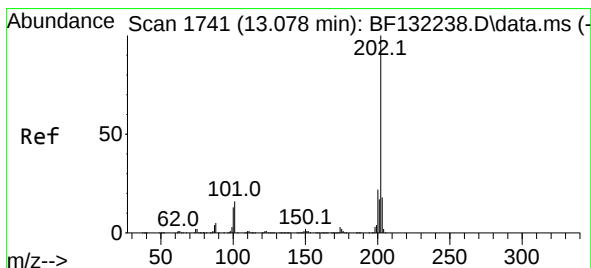
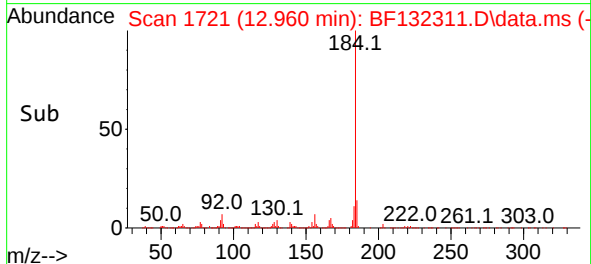
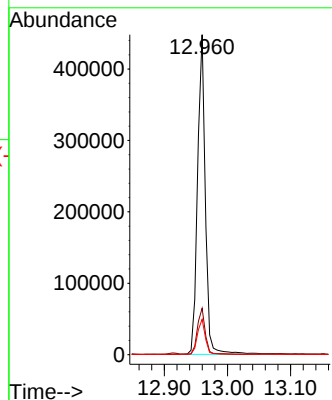
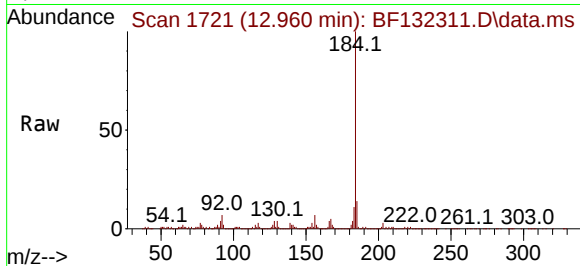




#77
Benzidine
Concen: 44.779 ng
RT: 12.960 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

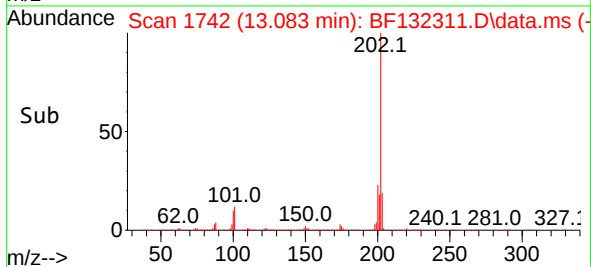
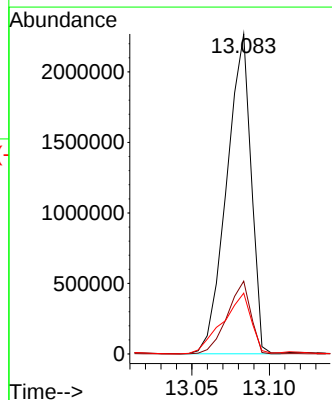
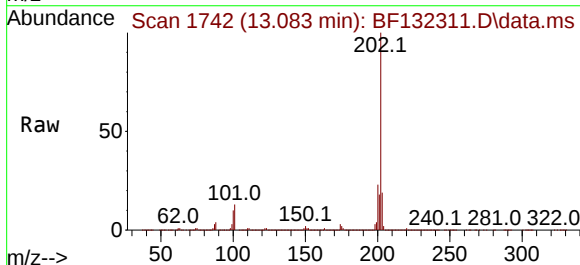
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

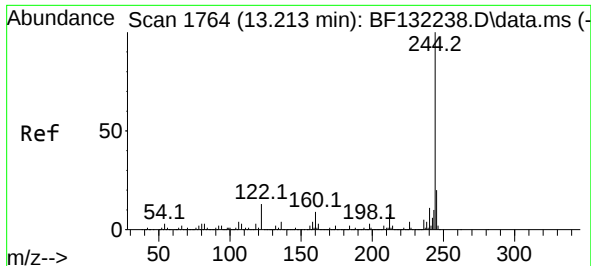
Tgt Ion:184 Resp: 384192
Ion Ratio Lower Upper
184 100
185 14.5 12.6 18.8
183 11.1 8.9 13.3



#78
Pyrene
Concen: 125.678 ng
RT: 13.083 min Scan# 1742
Delta R.T. 0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:202 Resp: 2480687
Ion Ratio Lower Upper
202 100
200 22.8 17.3 25.9
203 19.0 14.4 21.6

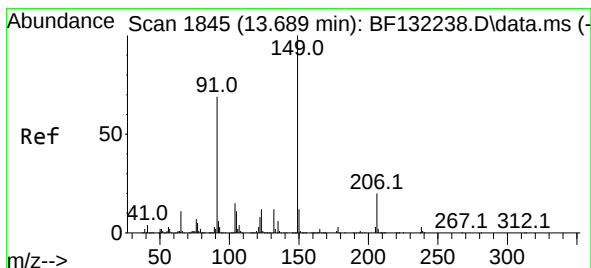
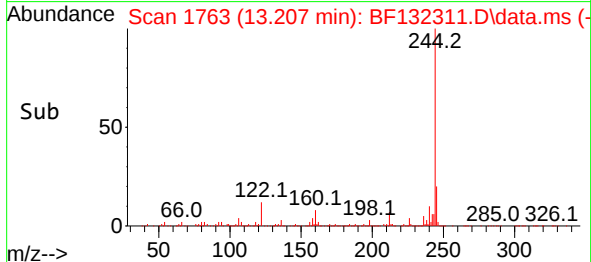
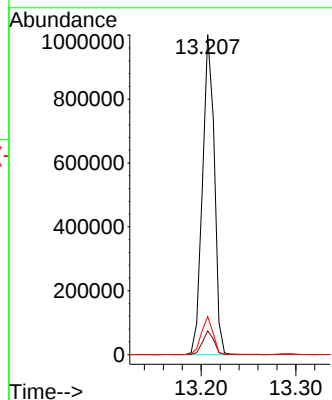
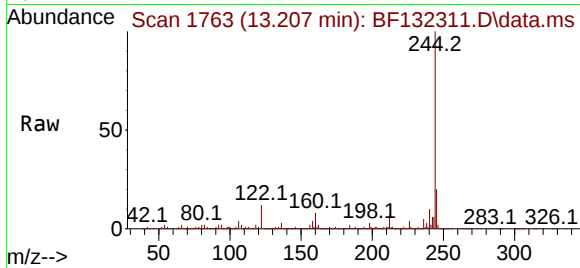




#79
 Terphenyl-d14
 Concen: 68.521 ng
 RT: 13.207 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF132311.D
 Acq: 03 Feb 2023 01:31

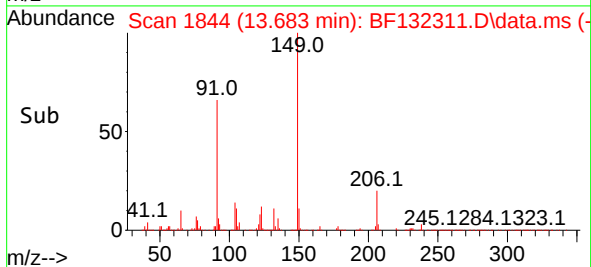
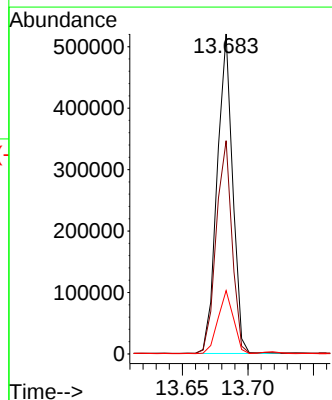
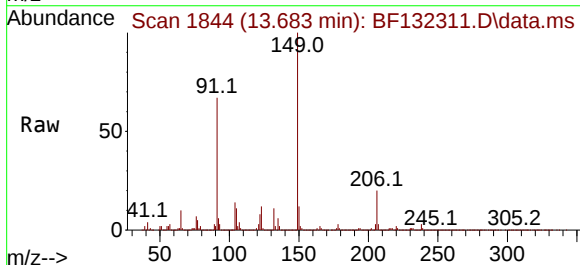
Instrument :
 BNA_F
 ClientSampleId :
 JPP-9-013123MSD

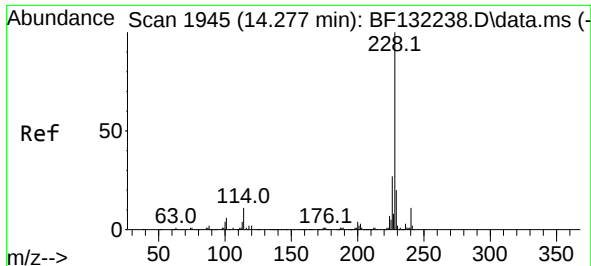
Tgt Ion:244 Resp: 869294
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 11.9 10.5 15.7



#80
 Butylbenzylphthalate
 Concen: 48.824 ng
 RT: 13.683 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF132311.D
 Acq: 03 Feb 2023 01:31

Tgt Ion:149 Resp: 425775
 Ion Ratio Lower Upper
 149 100
 91 66.7 55.0 82.6
 206 19.8 15.9 23.9

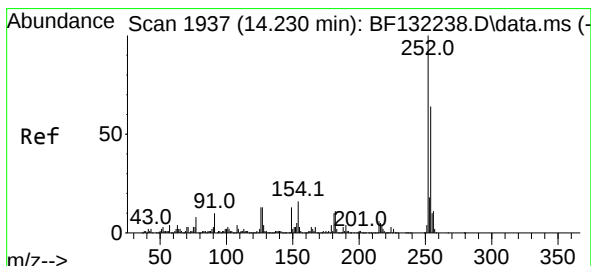
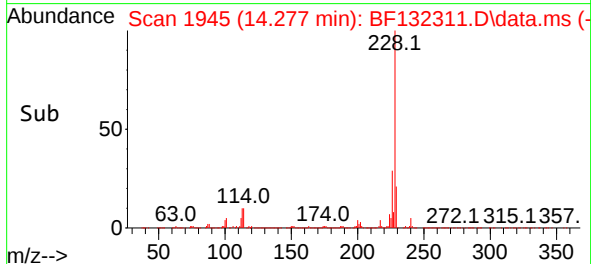
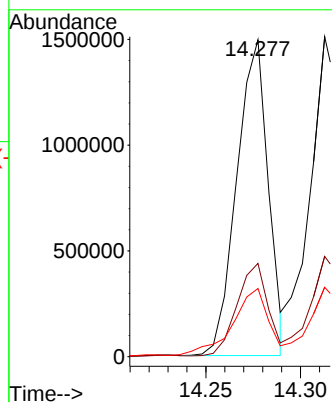
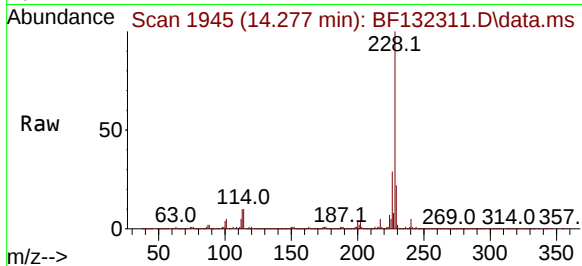




#81
Benzo(a)anthracene
Concen: 100.507 ng
RT: 14.277 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

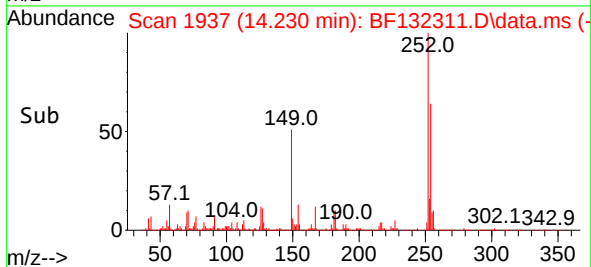
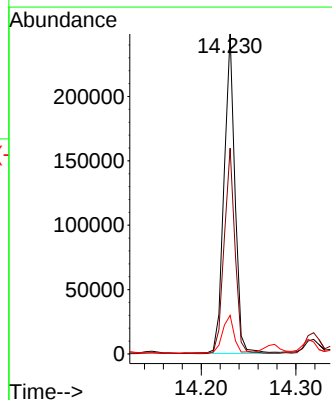
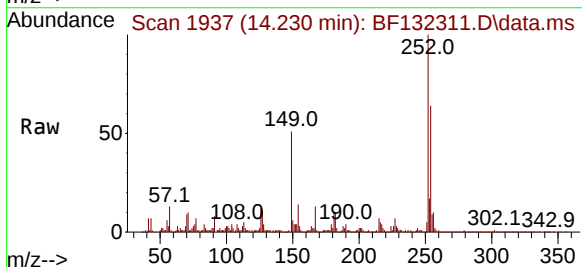
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

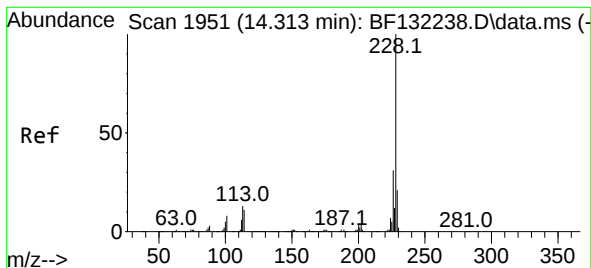
Tgt Ion:228 Resp: 1725124
Ion Ratio Lower Upper
228 100
226 29.4 22.0 33.0
229 21.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 36.670 ng
RT: 14.230 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:252 Resp: 200472
Ion Ratio Lower Upper
252 100
254 64.3 51.6 77.4
126 12.1 10.5 15.7





#83

Chrysene

Concen: 94.821 ng

RT: 14.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

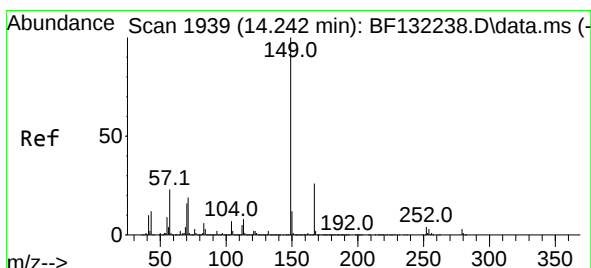
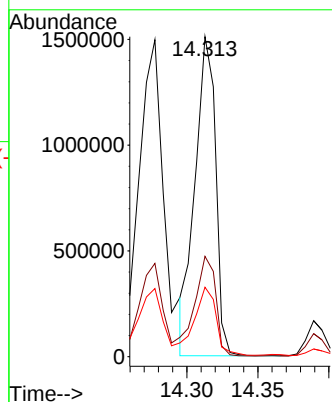
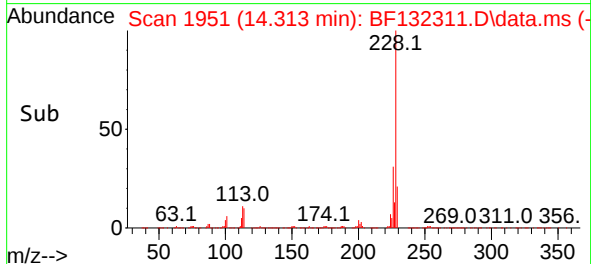
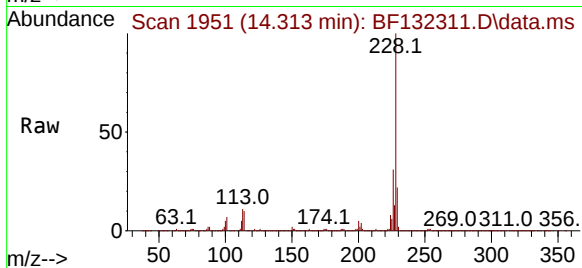
Tgt Ion:228 Resp: 1523989

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

229 21.7 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.719 ng

RT: 14.242 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

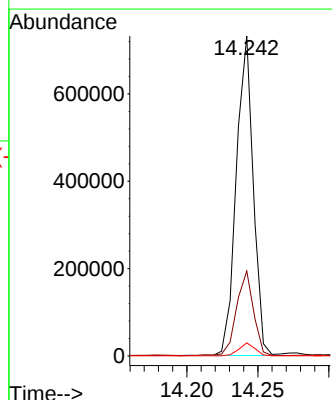
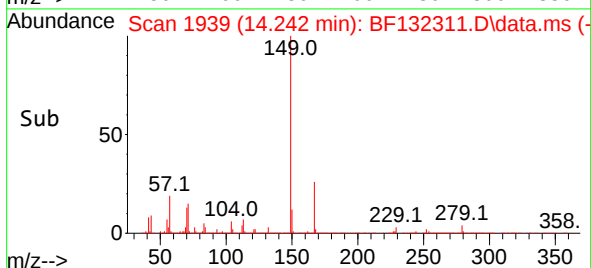
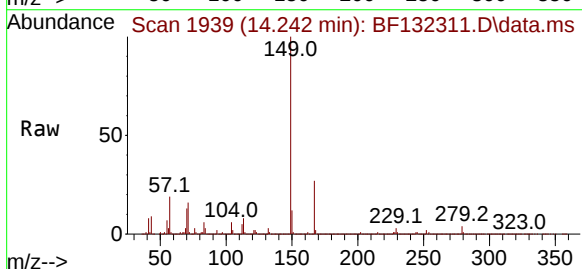
Tgt Ion:149 Resp: 609636

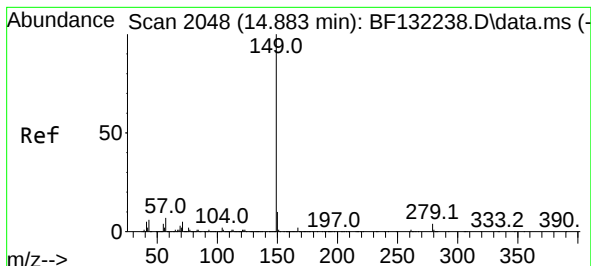
Ion Ratio Lower Upper

149 100

167 26.5 20.7 31.1

279 4.1 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 58.551 ng

RT: 14.877 min Scan# 2047

Delta R.T. -0.006 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

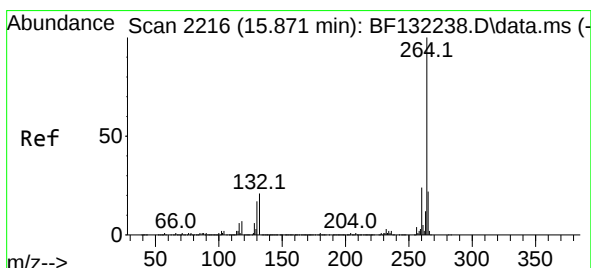
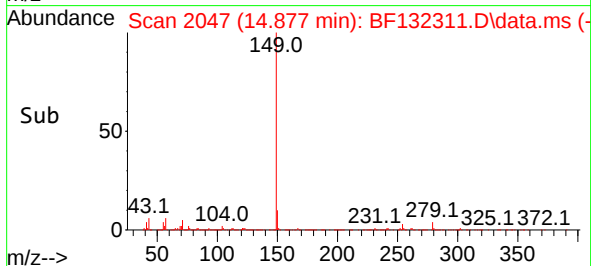
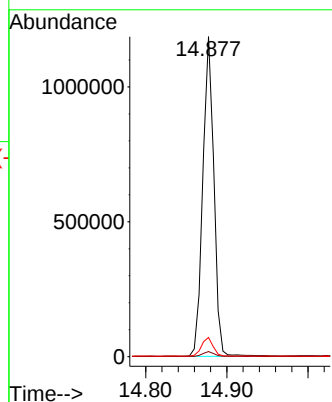
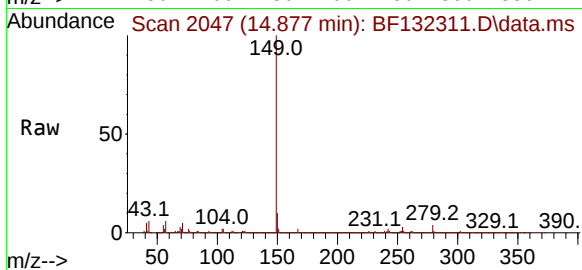
Tgt Ion:149 Resp: 1125715

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 6.0 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.877 min Scan# 2217

Delta R.T. 0.006 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

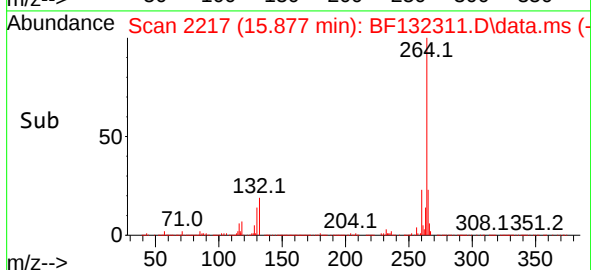
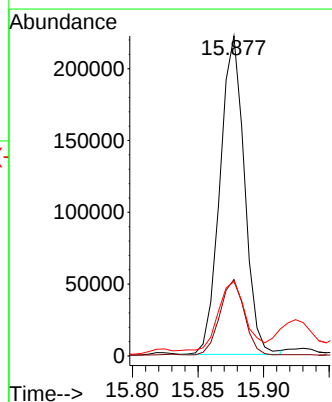
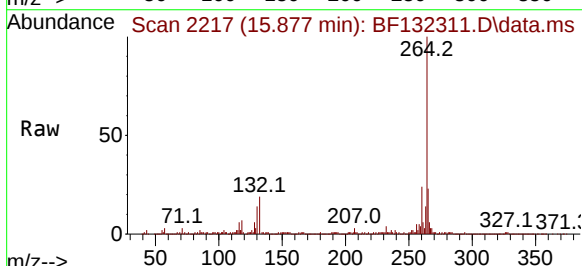
Tgt Ion:264 Resp: 287099

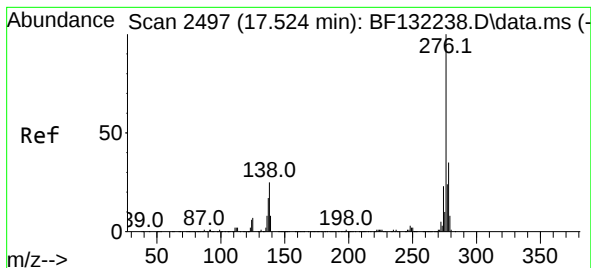
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 23.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 81.526 ng

RT: 17.542 min Scan# 2137

Delta R.T. 0.018 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

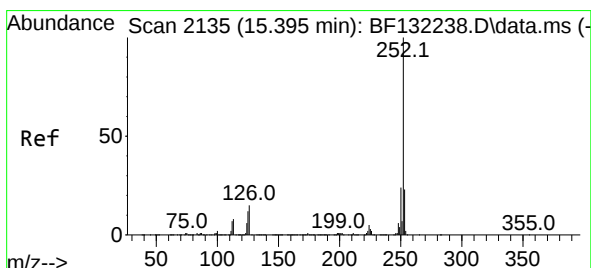
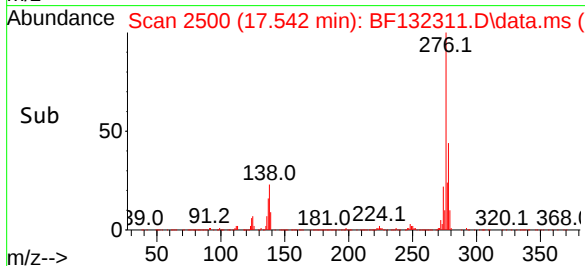
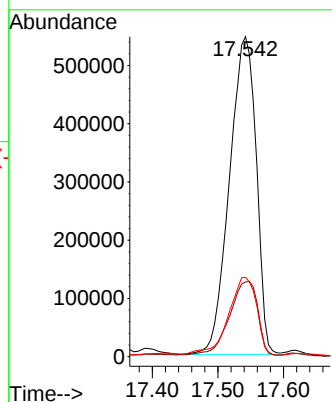
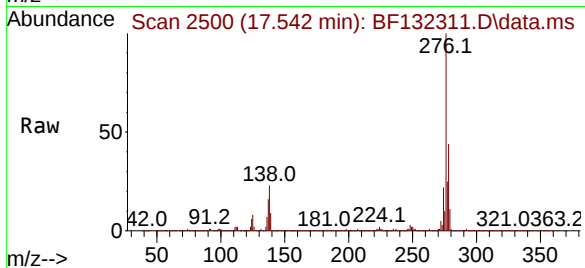
Tgt Ion:276 Resp: 1555244

Ion Ratio Lower Upper

276 100

138 24.3 23.3 34.9

277 25.9 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 118.889 ng

RT: 15.407 min Scan# 2137

Delta R.T. 0.012 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

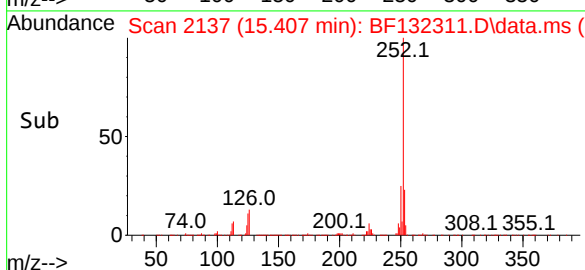
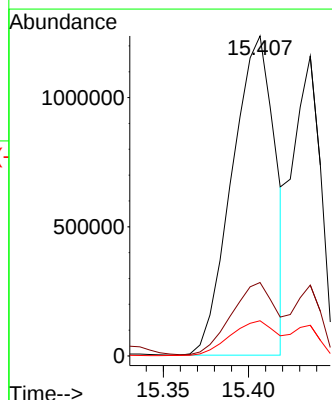
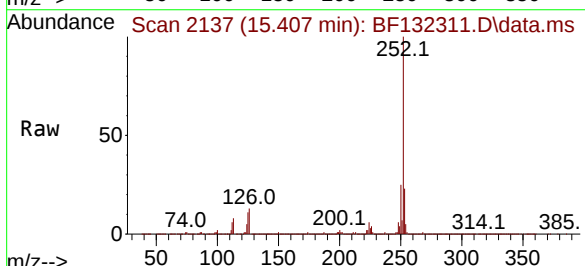
Tgt Ion:252 Resp: 2169650

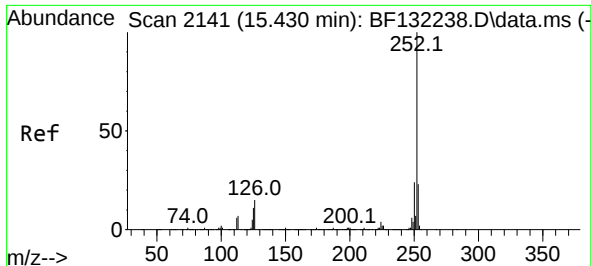
Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

125 11.0 9.6 14.4

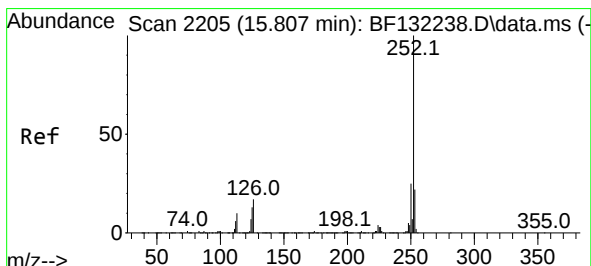
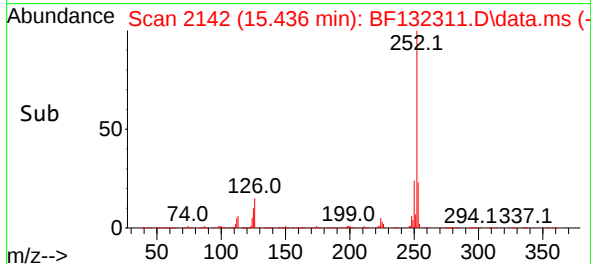
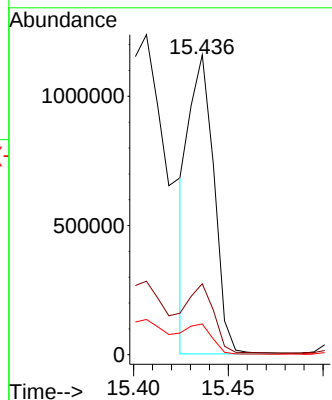
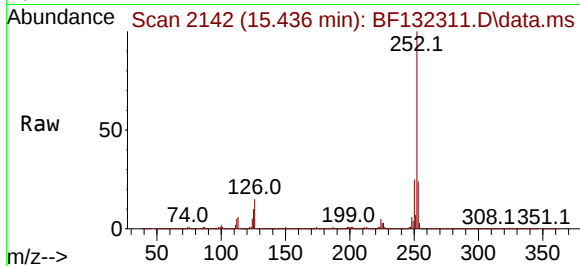




#89
Benzo(k)fluoranthene
Concen: 61.085 ng
RT: 15.436 min Scan# 2141
Delta R.T. 0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

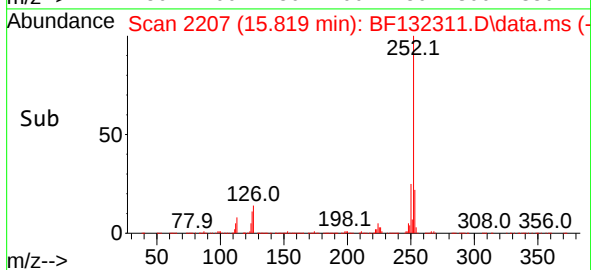
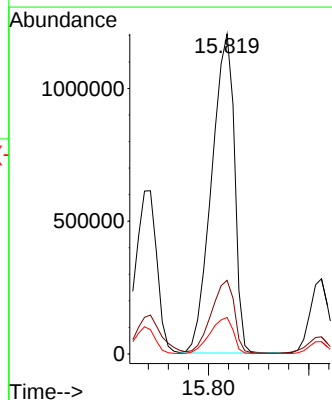
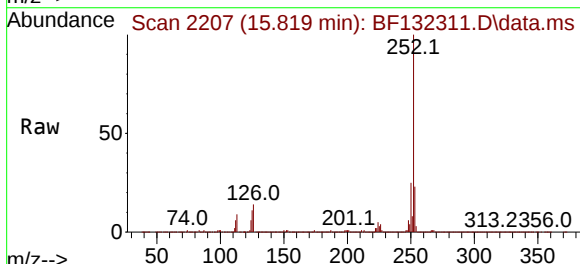
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

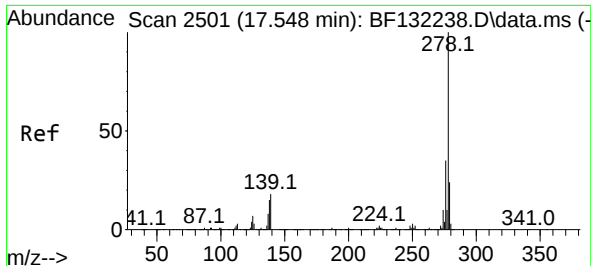
Tgt Ion:252 Resp: 1064061
Ion Ratio Lower Upper
252 100
253 23.6 18.2 27.2
125 10.2 9.0 13.6



#90
Benzo(a)pyrene
Concen: 111.626 ng
RT: 15.819 min Scan# 2207
Delta R.T. 0.012 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:252 Resp: 1896934
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 11.4 10.2 15.4

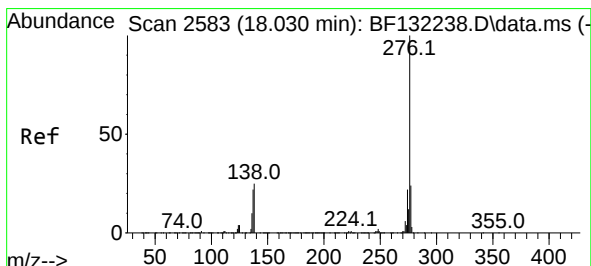
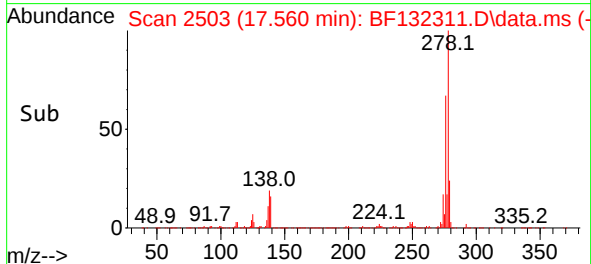
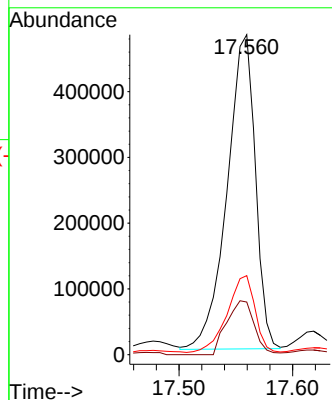
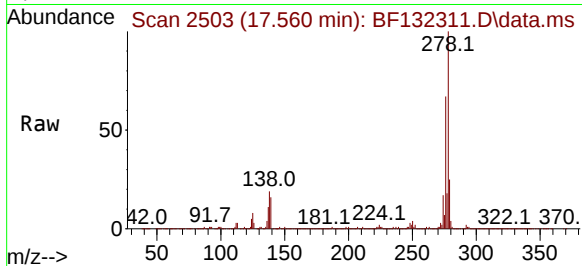




#91
 Dibenzo(a,h)anthracene
 Concen: 53.912 ng
 RT: 17.560 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF132311.D
 Acq: 03 Feb 2023 01:31

Instrument :
 BNA_F
 ClientSampleId :
 JPP-9-013123MSD

Tgt Ion:278 Resp: 826873
 Ion Ratio Lower Upper
 278 100
 139 16.4 14.2 21.2
 279 24.7 19.6 29.4



#92
 Benzo(g,h,i)perylene
 Concen: 85.214 ng
 RT: 18.054 min Scan# 2587
 Delta R.T. 0.024 min
 Lab File: BF132311.D
 Acq: 03 Feb 2023 01:31

Tgt Ion:276 Resp: 1350219
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.4 29.2
 138 23.0 20.3 30.5

