

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
 Data File : BF132916.D
 Acq On : 19 Apr 2023 17:24
 Operator : CG\JU
 Sample : PB152211BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152211BS

Quant Time: Apr 20 01:47:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	328088	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	1303339	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	676900	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	1173781	20.000	ng	0.00
76) Chrysene-d12	13.927	240	760519	20.000	ng	0.00
86) Perylene-d12	15.351	264	776049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2190034	104.377	ng	0.02
7) Phenol-d6	6.404	99	2828895	105.659	ng	0.00
23) Nitrobenzene-d5	7.333	82	1733954	69.347	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	755943	111.343	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	2923809	66.356	ng	0.00
79) Terphenyl-d14	12.874	244	3120286	69.997	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.551	88	428461	41.849	ng	100
3) Pyridine	3.251	79	1061603	37.913	ng	98
4) n-Nitrosodimethylamine	3.210	42	570549	42.883	ng	99
6) Aniline	6.428	93	1302525	36.684	ng	98
8) 2-Chlorophenol	6.551	128	948468	44.558	ng	97
9) Benzaldehyde	6.310	77	578329	36.507	ng	95
10) Phenol	6.416	94	1300683	43.206	ng	92
11) bis(2-Chloroethyl)ether	6.504	93	976774	42.963	ng	99
12) 1,3-Dichlorobenzene	6.710	146	1021231	43.649	ng	99
13) 1,4-Dichlorobenzene	6.786	146	1032552	44.044	ng	99
14) 1,2-Dichlorobenzene	6.939	146	960983	43.903	ng	98
15) Benzyl Alcohol	6.910	79	870602	47.447	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	1771075	45.020	ng	100
17) 2-Methylphenol	7.022	107	830771	42.612	ng	100
18) Hexachloroethane	7.281	117	360383	44.295	ng	94
19) n-Nitroso-di-n-propyla...	7.186	70	735082	43.986	ng	96
20) 3+4-Methylphenols	7.175	107	980900	42.567	ng	97
22) Acetophenone	7.181	105	1324234	43.311	ng	# 98
24) Nitrobenzene	7.351	77	1075417	41.961	ng	99
25) Isophorone	7.592	82	2038929	42.990	ng	98
26) 2-Nitrophenol	7.669	139	525329	54.336	ng	99
27) 2,4-Dimethylphenol	7.710	122	903498	45.811	ng	98
28) bis(2-Chloroethoxy)met...	7.804	93	1212347	42.753	ng	100
29) 2,4-Dichlorophenol	7.910	162	821809	44.768	ng	99
30) 1,2,4-Trichlorobenzene	7.992	180	848389	42.803	ng	99
31) Naphthalene	8.075	128	2737867	41.569	ng	100
32) Benzoic acid	7.839	122	558325	56.454	ng	98
33) 4-Chloroaniline	8.116	127	406130	15.055	ng	99
34) Hexachlorobutadiene	8.192	225	476686	42.038	ng	98
35) Caprolactam	8.498	113	174544	31.929	ng	91
36) 4-Chloro-3-methylphenol	8.604	107	875296	45.428	ng	97
37) 2-Methylnaphthalene	8.763	142	1820097	40.149	ng	98
38) 1-Methylnaphthalene	8.863	142	1809001	42.827	ng	99
40) 1,2,4,5-Tetrachloroben...	8.933	216	778656	40.670	ng	98
41) Hexachlorocyclopentadiene	8.922	237	1045711	103.624	ng	98
43) 2,4,6-Trichlorophenol	9.045	196	550257	45.338	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
 Data File : BF132916.D
 Acq On : 19 Apr 2023 17:24
 Operator : CG\JU
 Sample : PB152211BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152211BS

Quant Time: Apr 20 01:47:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

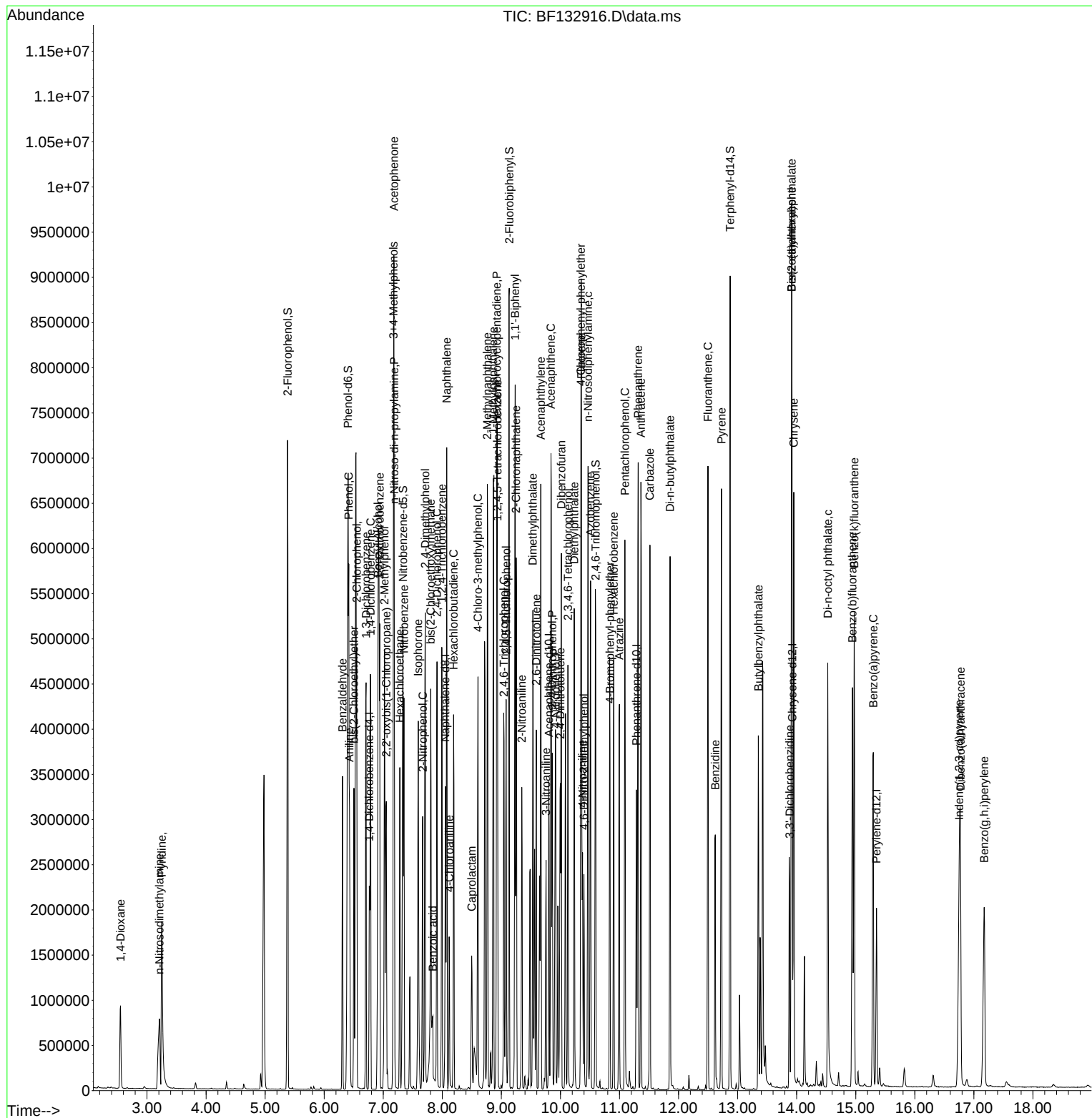
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	583115	41.088	ng	97
46) 1,1'-Biphenyl	9.233	154	2249762	41.926	ng	99
47) 2-Chloronaphthalene	9.251	162	1699089	42.788	ng	98
48) 2-Nitroaniline	9.345	65	558371	48.606	ng	97
49) Acenaphthylene	9.669	152	2587758	40.858	ng	99
50) Dimethylphthalate	9.533	163	1943570	41.531	ng	99
51) 2,6-Dinitrotoluene	9.592	165	456540	44.495	ng	96
52) Acenaphthene	9.839	154	1859871	45.570	ng	99
53) 3-Nitroaniline	9.757	138	351260	30.084	ng	93
54) 2,4-Dinitrophenol	9.863	184	456545	114.223	ng	92
55) Dibenzofuran	10.016	168	2339955	40.410	ng	97
56) 4-Nitrophenol	9.922	139	823009	94.890	ng	98
57) 2,4-Dinitrotoluene	9.998	165	617123	48.733	ng	87
58) Fluorene	10.357	166	1703717	40.166	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	495964	45.029	ng	99
60) Diethylphthalate	10.233	149	1857453	42.475	ng	100
61) 4-Chlorophenyl-phenyle...	10.345	204	876486	40.625	ng	92
62) 4-Nitroaniline	10.374	138	489315	43.602	ng	97
63) Azobenzene	10.510	77	1986028	40.657	ng	99
65) 4,6-Dinitro-2-methylph...	10.398	198	295526	52.572	ng	97
66) n-Nitrosodiphenylamine	10.469	169	1552059	40.600	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	566846	42.291	ng	97
68) Hexachlorobenzene	10.904	284	622992	44.801	ng	97
69) Atrazine	10.998	200	520068	48.673	ng	97
70) Pentachlorophenol	11.092	266	734403	81.843	ng	99
71) Phenanthrene	11.316	178	2560405	40.553	ng	99
72) Anthracene	11.363	178	2607708	40.347	ng	99
73) Carbazole	11.516	167	2349660	42.016	ng	99
74) Di-n-butylphthalate	11.857	149	2773010	46.255	ng	100
75) Fluoranthene	12.498	202	2536894	40.406	ng	99
77) Benzidine	12.621	184	1081232	91.266	ng	96
78) Pyrene	12.727	202	2596853	41.759	ng	100
80) Butylbenzylphthalate	13.351	149	862207	56.443	ng	96
81) Benzo(a)anthracene	13.915	228	2196981	42.478	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	518377	41.433	ng	98
83) Chrysene	13.951	228	2130935	41.452	ng	100
84) Bis(2-ethylhexyl)phtha...	13.915	149	1211284	61.577	ng	100
85) Di-n-octyl phthalate	14.527	149	2368590	54.415	ng	96
87) Indeno(1,2,3-cd)pyrene	16.750	276	1916630	43.222	ng	99
88) Benzo(b)fluoranthene	14.945	252	2147903	44.433	ng	99
89) Benzo(k)fluoranthene	14.974	252	2115364	43.928	ng	100
90) Benzo(a)pyrene	15.298	252	1823076	41.280	ng	99
91) Dibenzo(a,h)anthracene	16.774	278	1610014	42.611	ng	97
92) Benzo(g,h,i)perylene	17.174	276	1523547	42.114	ng	99

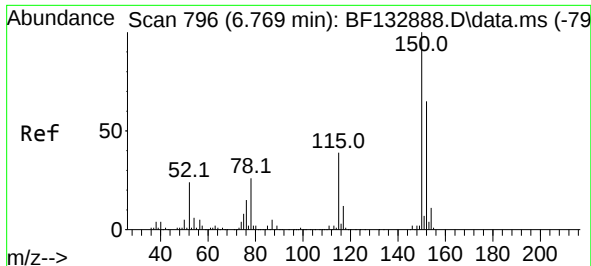
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
 Data File : BF132916.D
 Acq On : 19 Apr 2023 17:24
 Operator : CG\JU
 Sample : PB152211BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152211BS

Quant Time: Apr 20 01:47:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

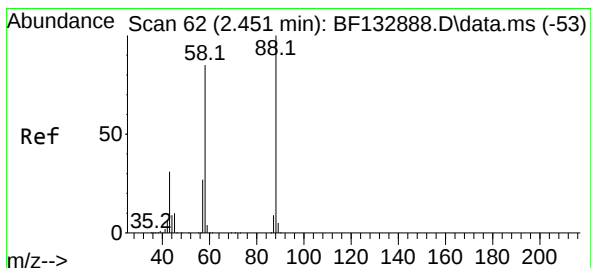
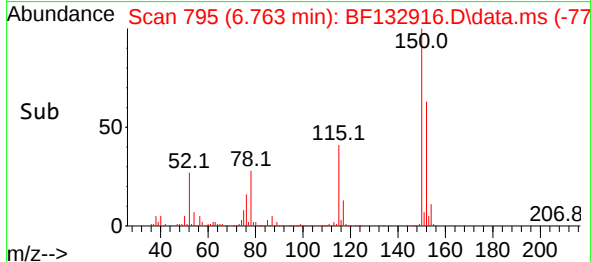
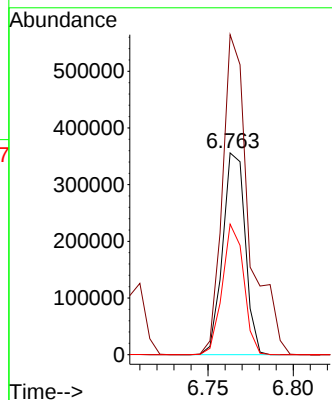
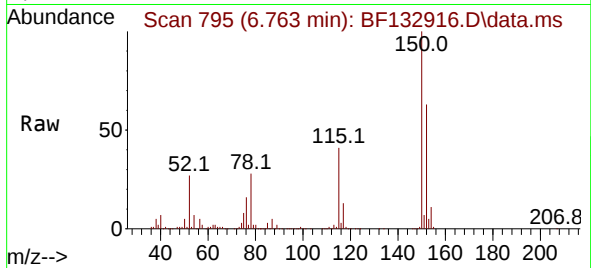




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF132916.D
 Acq: 19 Apr 2023 17:24

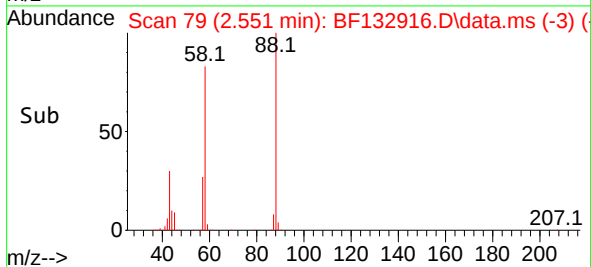
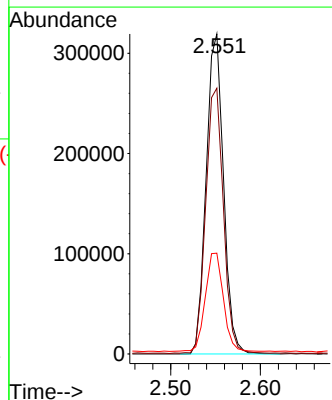
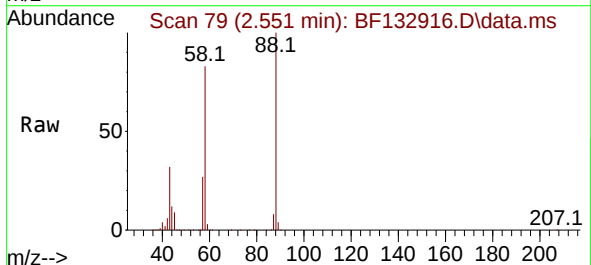
Instrument :
 BNA_F
 ClientSampleId :
 PB152211BS

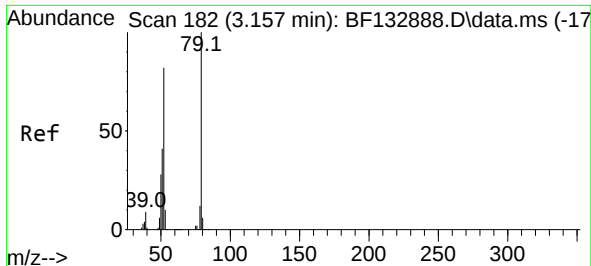
Tgt Ion:152 Resp: 328088
 Ion Ratio Lower Upper
 152 100
 150 158.6 122.8 184.2
 115 64.7 47.3 70.9



#2
 1,4-Dioxane
 Concen: 41.849 ng
 RT: 2.551 min Scan# 79
 Delta R.T. 0.100 min
 Lab File: BF132916.D
 Acq: 19 Apr 2023 17:24

Tgt Ion: 88 Resp: 428461
 Ion Ratio Lower Upper
 88 100
 58 84.9 67.8 101.6
 43 32.1 25.4 38.0

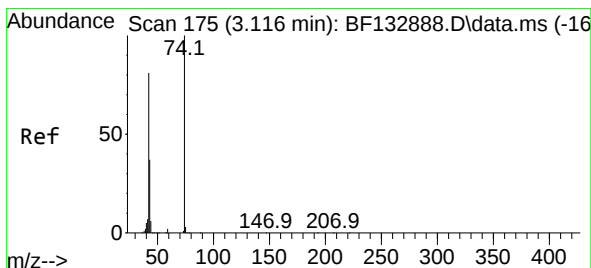
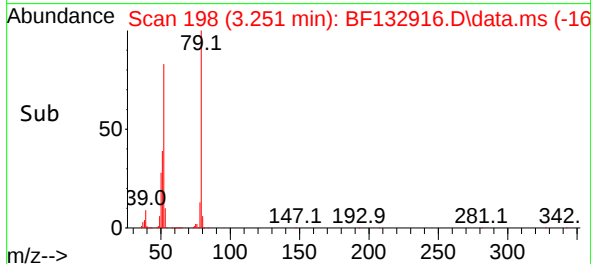
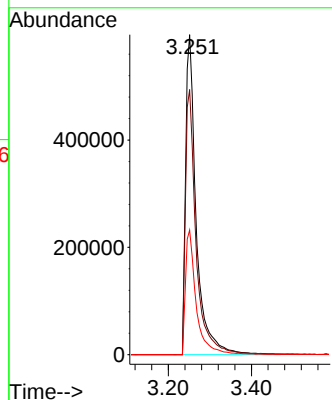
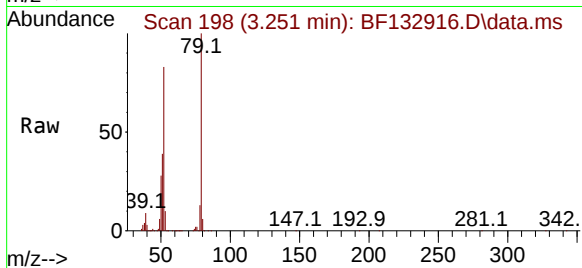




#3
 Pyridine
 Concen: 37.913 ng
 RT: 3.251 min Scan# 190
 Delta R.T. 0.094 min
 Lab File: BF132916.D
 Acq: 19 Apr 2023 17:24

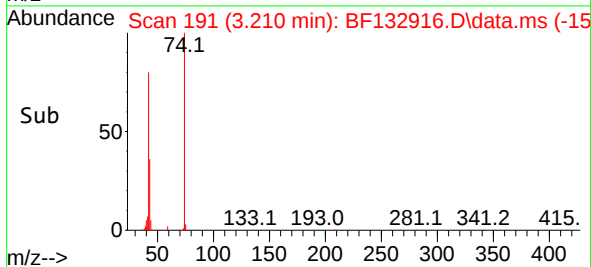
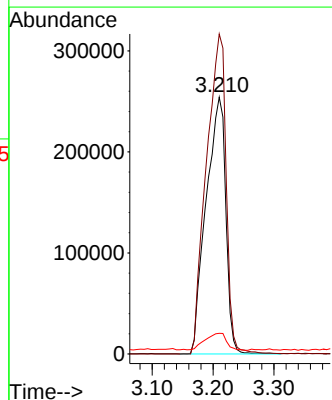
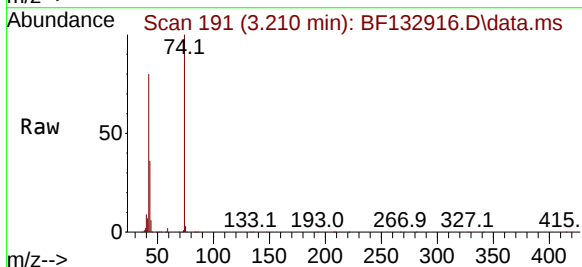
Instrument :
 BNA_F
 ClientSampleId :
 PB152211BS

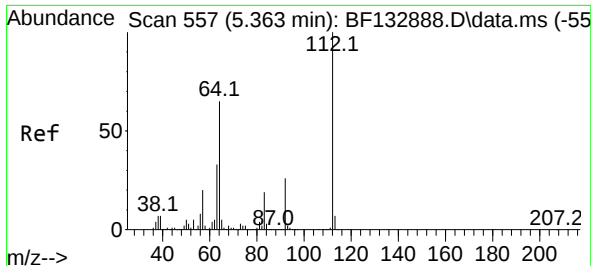
Tgt Ion: 79 Resp: 1061603
 Ion Ratio Lower Upper
 79 100
 52 82.9 65.4 98.0
 51 38.9 32.6 48.8



#4
 n-Nitrosodimethylamine
 Concen: 42.883 ng
 RT: 3.210 min Scan# 191
 Delta R.T. 0.094 min
 Lab File: BF132916.D
 Acq: 19 Apr 2023 17:24

Tgt Ion: 42 Resp: 570549
 Ion Ratio Lower Upper
 42 100
 74 124.6 98.4 147.6
 44 8.1 6.1 9.1

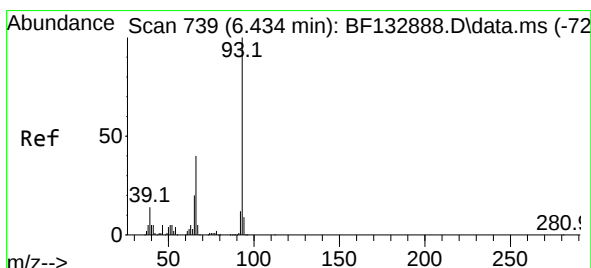
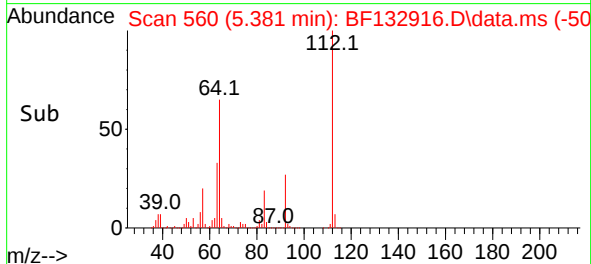
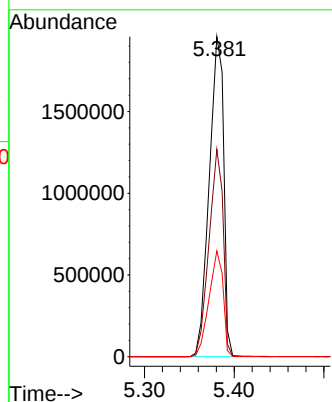
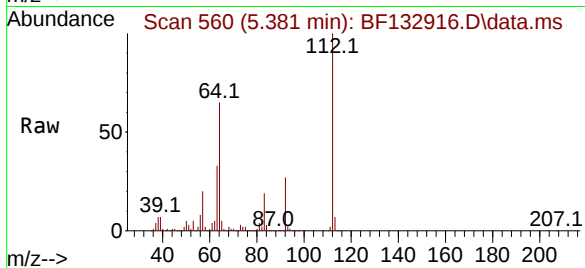




#5
2-Fluorophenol
Concen: 104.377 ng
RT: 5.381 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

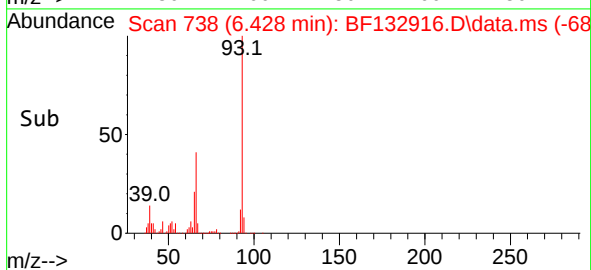
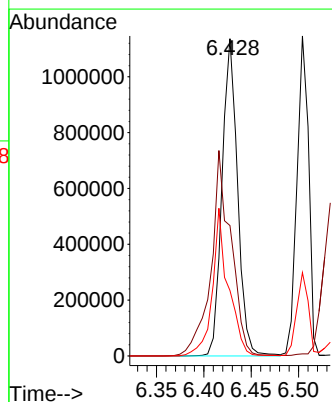
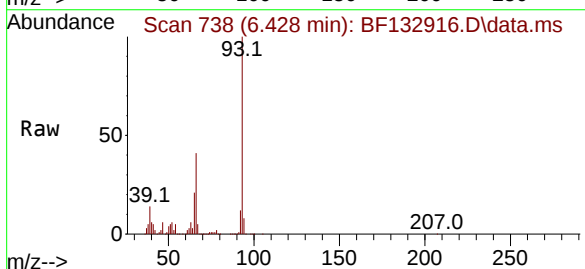
Instrument :
BNA_F
ClientSampleId :
PB152211BS

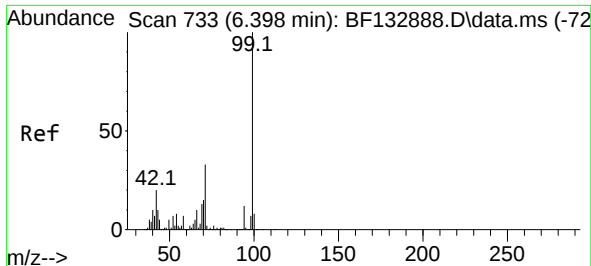
Tgt Ion:112 Resp: 2190034
Ion Ratio Lower Upper
112 100
64 64.8 51.8 77.8
63 33.1 26.3 39.5



#6
Aniline
Concen: 36.684 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion: 93 Resp: 1302525
Ion Ratio Lower Upper
93 100
66 41.1 31.8 47.6
65 20.6 16.3 24.5

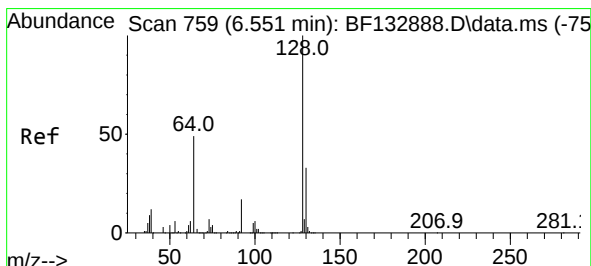
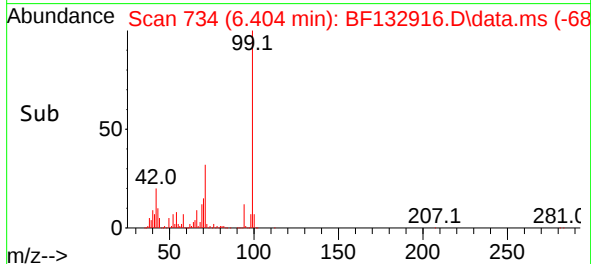
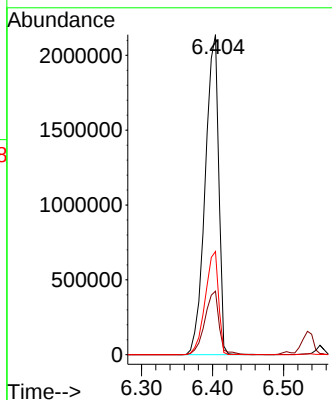
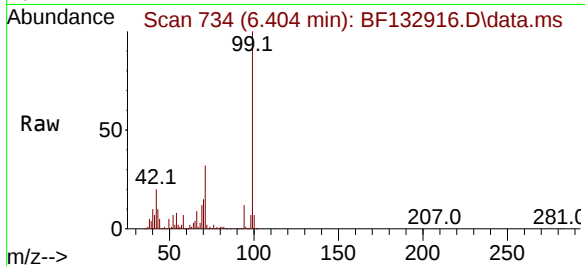




#7
Phenol-d6
Concen: 105.659 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

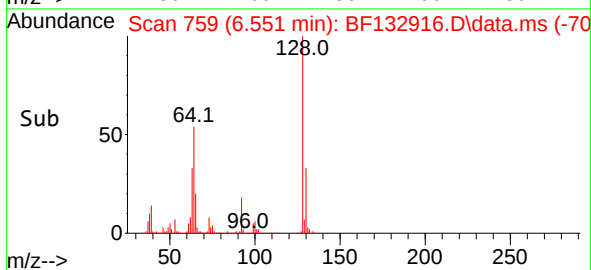
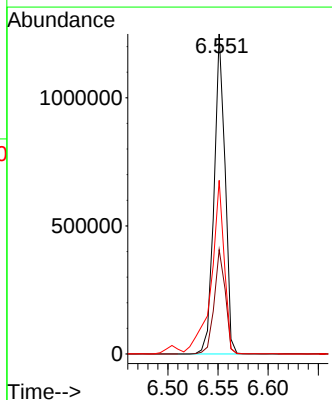
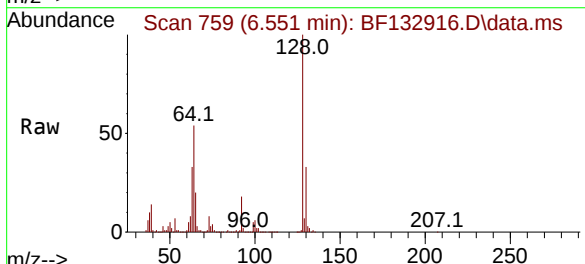
Instrument :
BNA_F
ClientSampleId :
PB152211BS

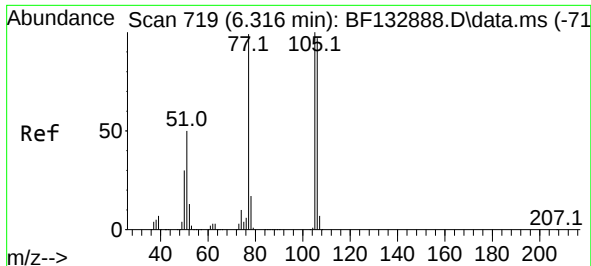
Tgt Ion: 99 Resp: 2828895
Ion Ratio Lower Upper
99 100
42 19.8 16.1 24.1
71 32.3 26.1 39.1



#8
2-Chlorophenol
Concen: 44.558 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion:128 Resp: 948468
Ion Ratio Lower Upper
128 100
130 32.6 13.2 53.2
64 54.3 30.9 70.9

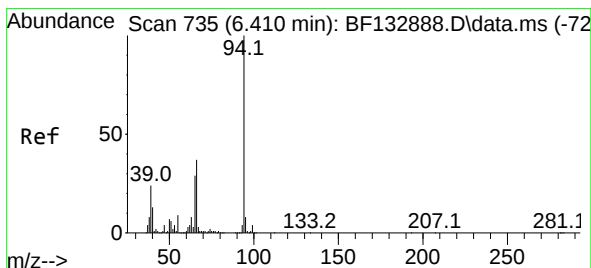
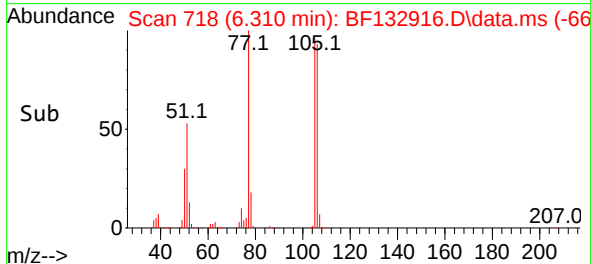
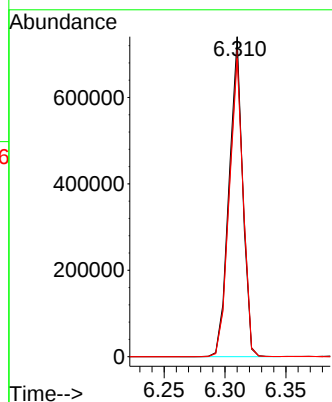
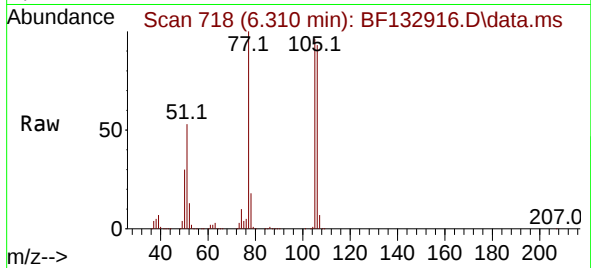




#9
Benzaldehyde
Concen: 36.507 ng
RT: 6.310 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

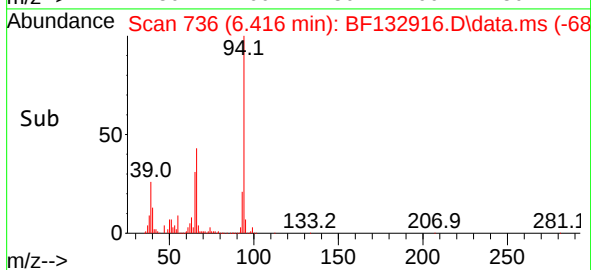
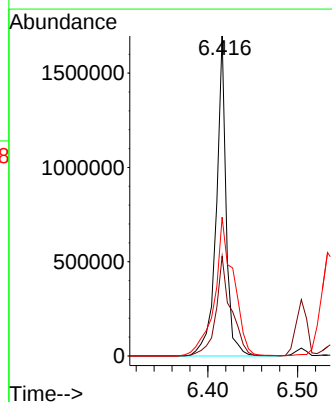
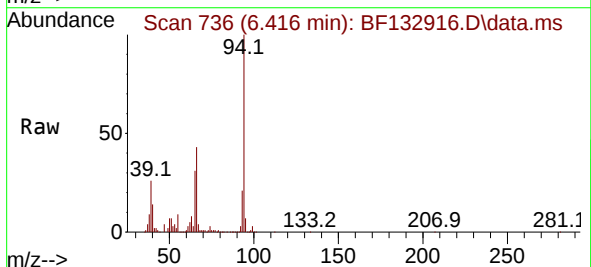
Instrument :
BNA_F
ClientSampleId :
PB152211BS

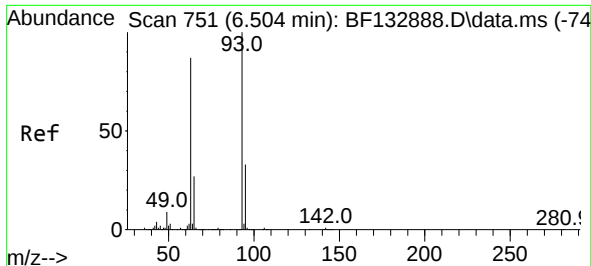
Tgt Ion: 77 Resp: 578329
Ion Ratio Lower Upper
77 100
105 95.9 80.8 120.8
106 93.2 77.9 117.9



#10
Phenol
Concen: 43.206 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion: 94 Resp: 1300683
Ion Ratio Lower Upper
94 100
65 31.2 9.0 49.0
66 43.4 17.1 57.1

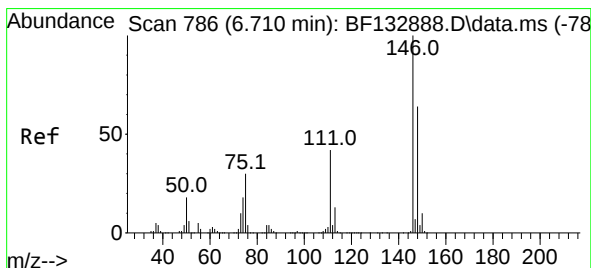
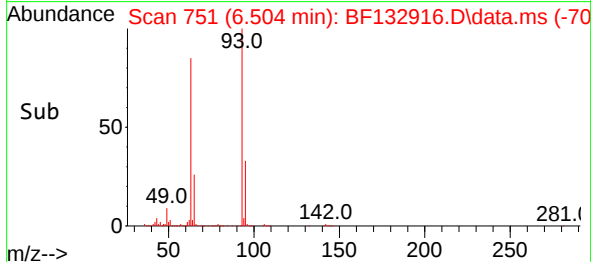
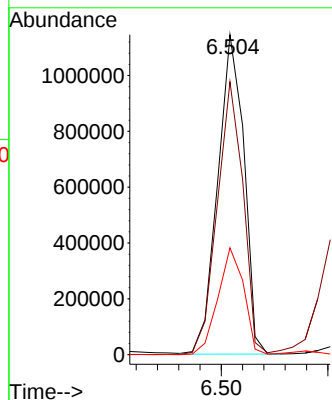
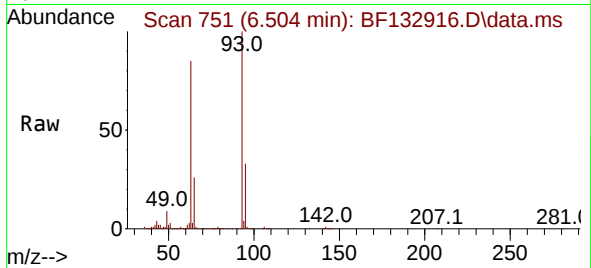




#11
bis(2-Chloroethyl)ether
Concen: 42.963 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

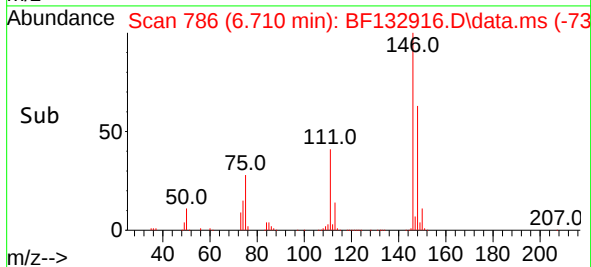
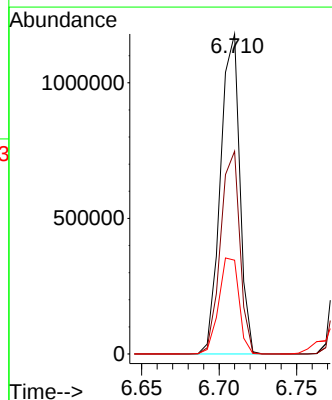
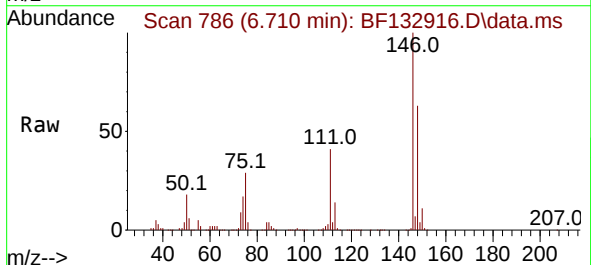
Instrument :
BNA_F
ClientSampleId :
PB152211BS

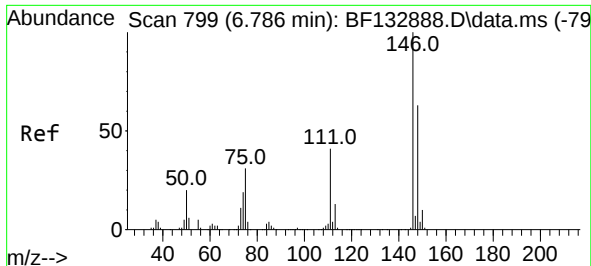
Tgt Ion: 93 Resp: 976774
Ion Ratio Lower Upper
93 100
63 85.3 66.7 106.7
95 33.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.649 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion:146 Resp: 1021231
Ion Ratio Lower Upper
146 100
148 63.4 51.1 76.7
75 29.3 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 44.044 ng

RT: 6.786 min Scan# 799

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

Instrument :

BNA_F

ClientSampleId :

PB152211BS

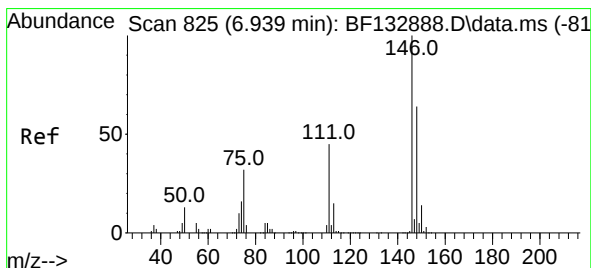
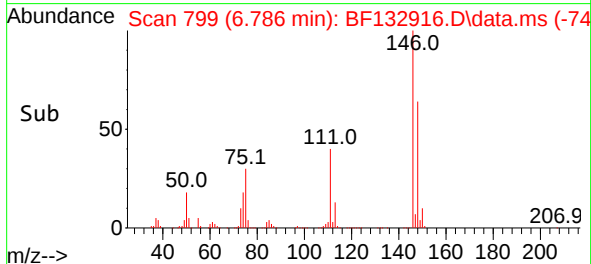
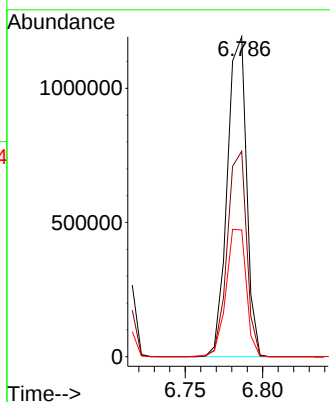
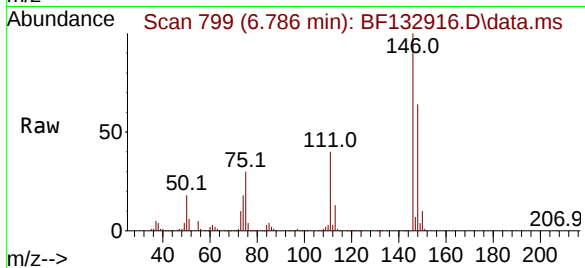
Tgt Ion:146 Resp: 1032552

Ion Ratio Lower Upper

146 100

148 64.2 50.7 76.1

111 39.6 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 43.903 ng

RT: 6.939 min Scan# 825

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

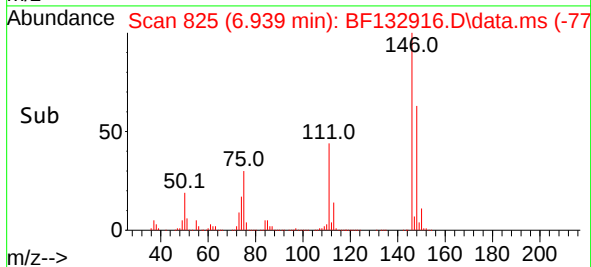
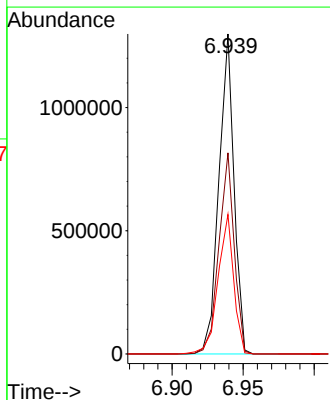
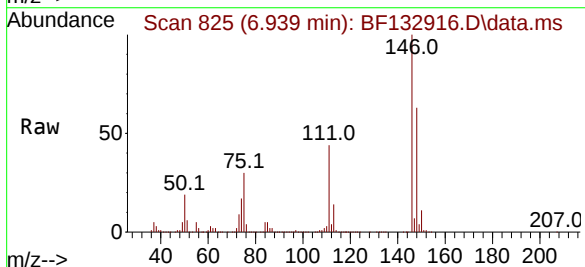
Tgt Ion:146 Resp: 960983

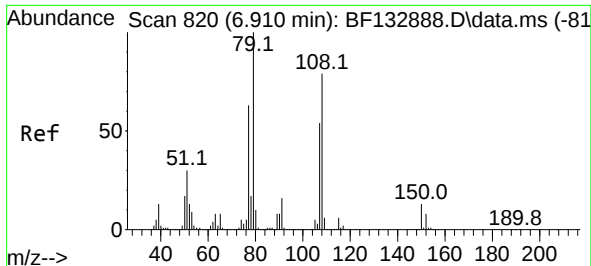
Ion Ratio Lower Upper

146 100

148 62.9 51.3 76.9

111 43.6 36.0 54.0

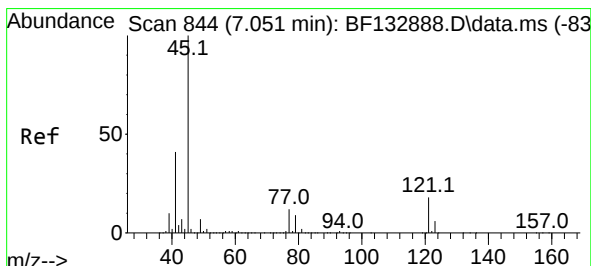
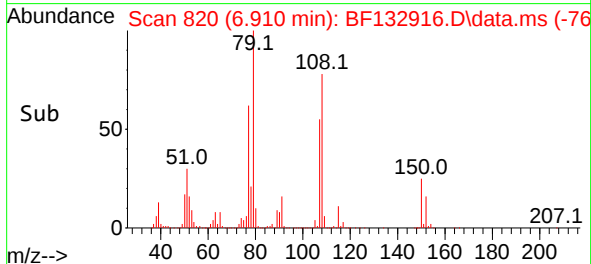
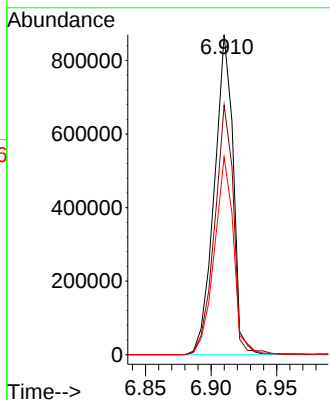
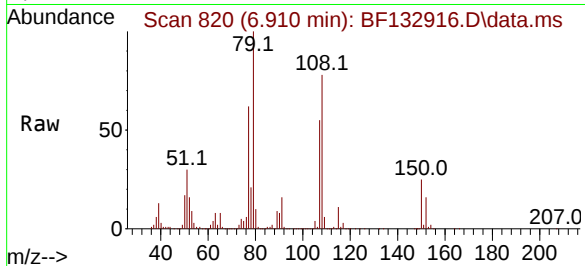




#15
Benzyl Alcohol
Concen: 47.447 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

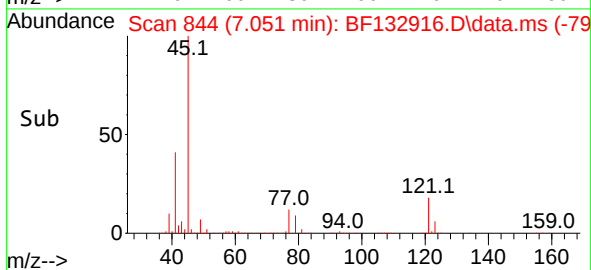
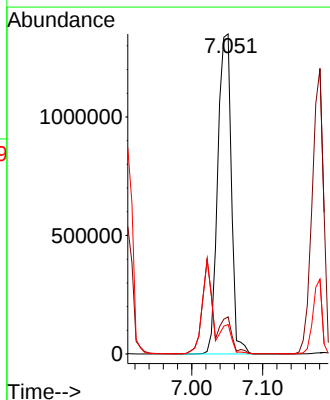
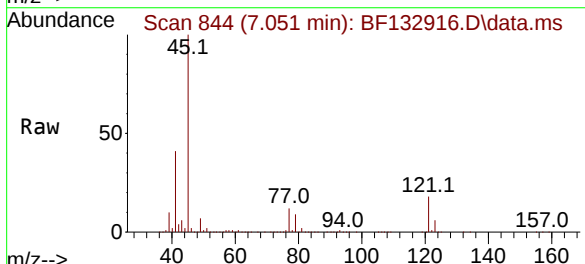
Instrument :
BNA_F
ClientSampleId :
PB152211BS

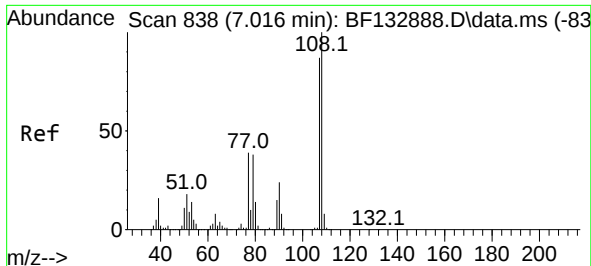
Tgt Ion: 79 Resp: 870602
Ion Ratio Lower Upper
79 100
108 78.0 63.0 94.6
77 61.8 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.020 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion: 45 Resp: 1771075
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.6
79 9.2 0.0 29.2

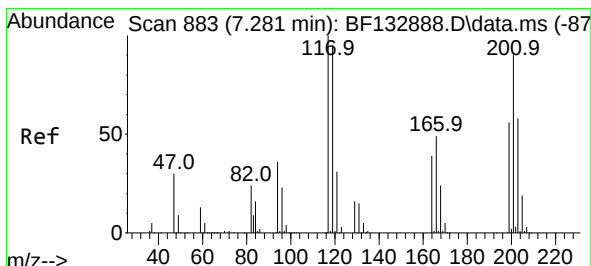
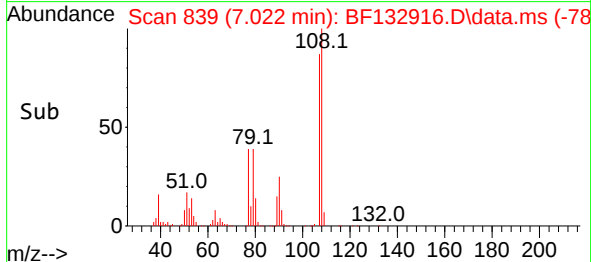
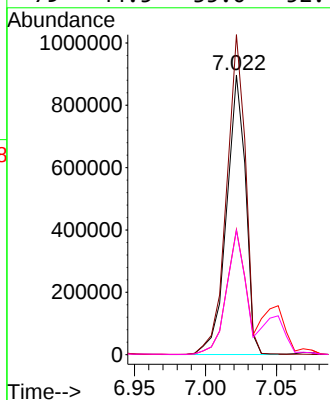
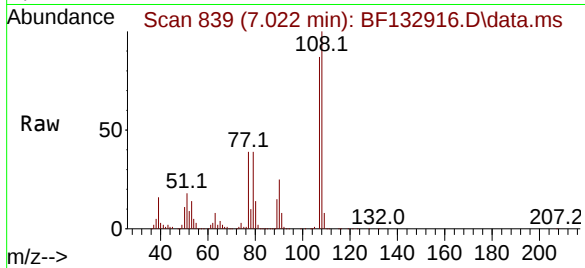




#17
2-Methylphenol
Concen: 42.612 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

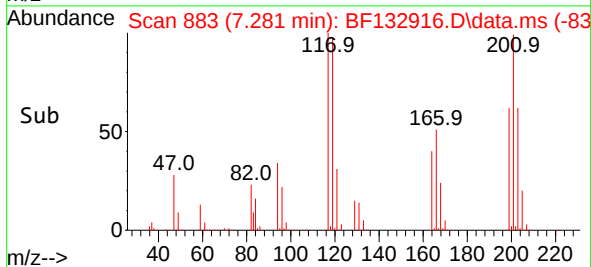
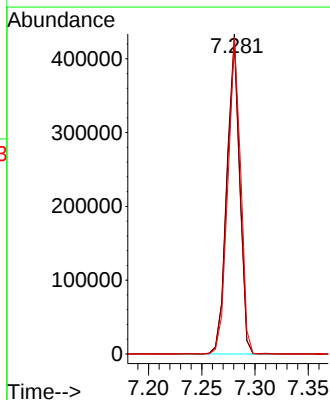
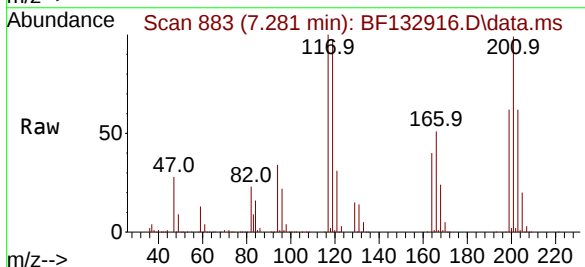
Instrument :
BNA_F
ClientSampleId :
PB152211BS

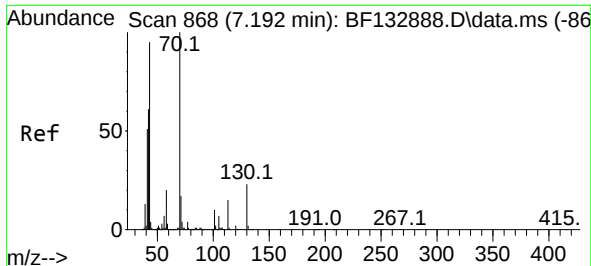
Tgt Ion:107 Resp: 830771
Ion Ratio Lower Upper
107 100
108 114.4 91.7 137.5
77 44.7 35.8 53.8
79 44.5 35.0 52.4



#18
Hexachloroethane
Concen: 44.295 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion:117 Resp: 360383
Ion Ratio Lower Upper
117 100
119 96.9 76.1 114.1
201 99.0 71.8 107.6



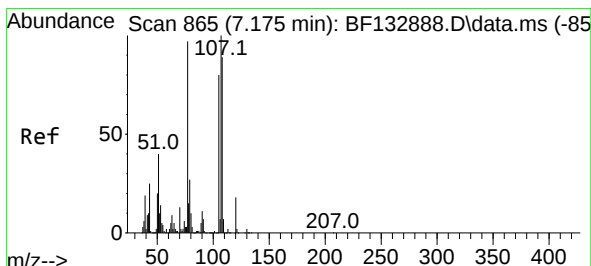
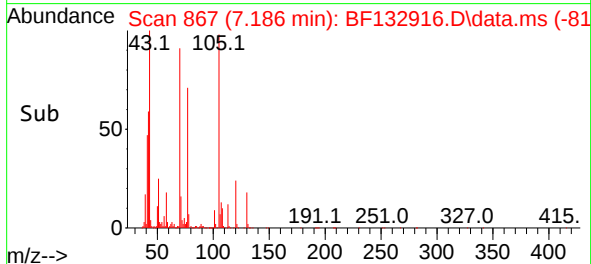
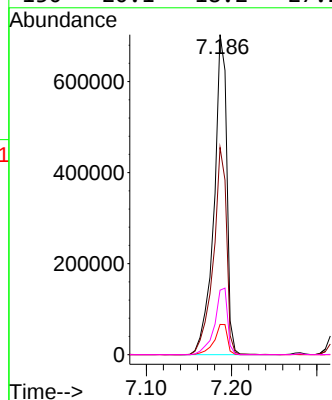
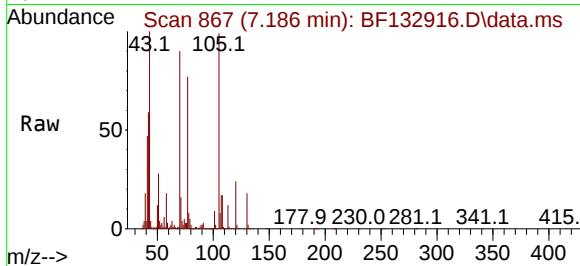


#19
n-Nitroso-di-n-propylamine
Concen: 43.986 ng
RT: 7.186 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Instrument :
BNA_F
ClientSampleId :
PB152211BS

Tgt Ion: 70 Resp: 735082

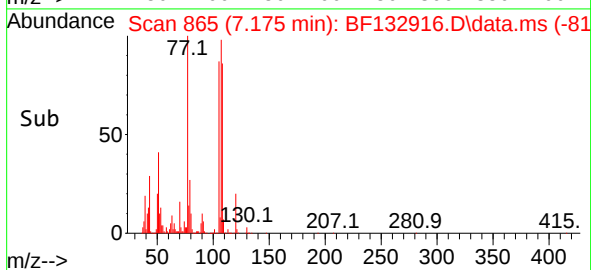
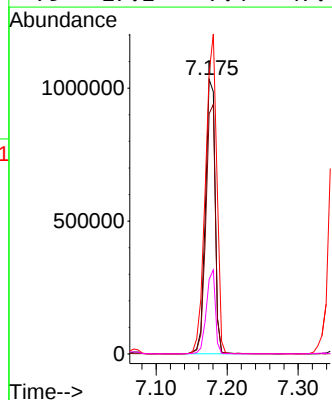
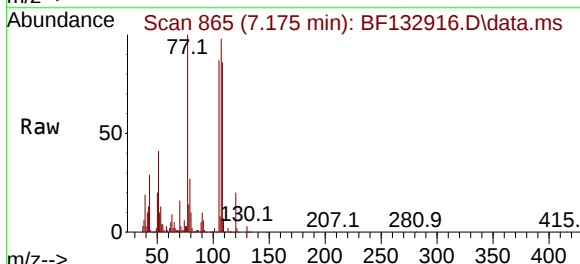
Ion	Ratio	Lower	Upper
70	100		
42	64.8	49.0	73.6
101	9.5	8.1	12.1
130	20.1	18.2	27.2

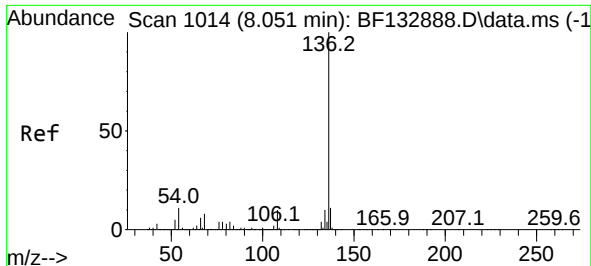


#20
3+4-Methylphenols
Concen: 42.567 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion: 107 Resp: 980900

Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.5	108.5
77	102.3	77.1	117.1
79	27.2	7.4	47.4

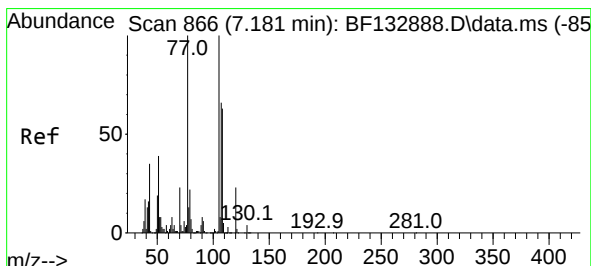
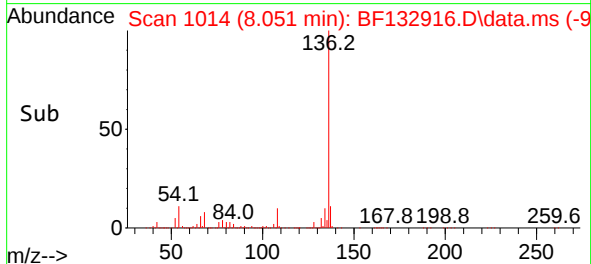
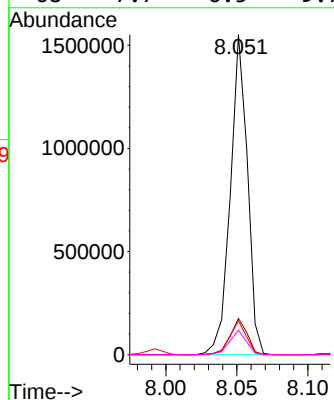
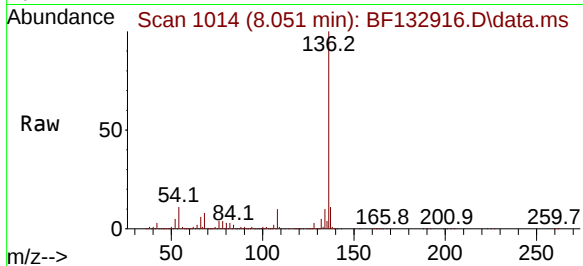




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

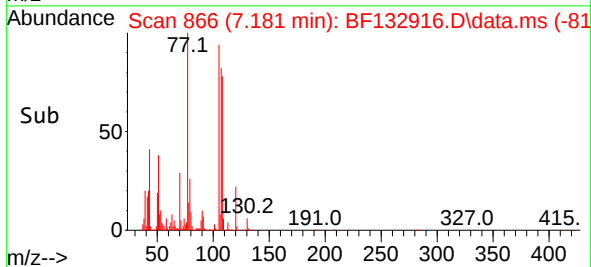
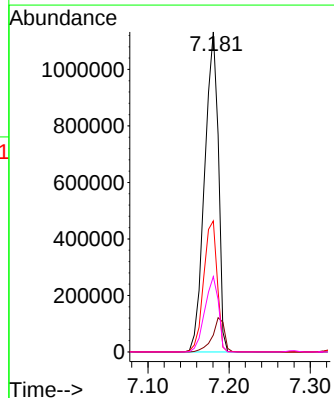
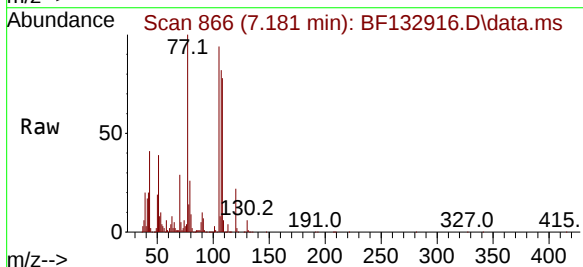
Instrument :
BNA_F
ClientSampleId :
PB152211BS

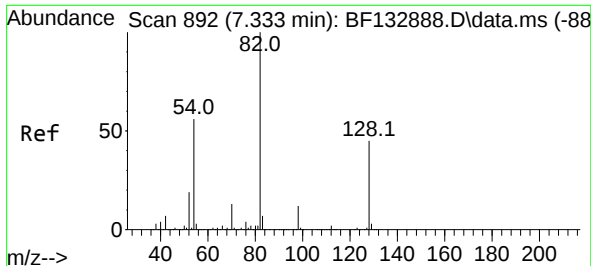
Tgt Ion:136 Resp: 1303339
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 10.5 8.9 13.3
68 7.7 6.5 9.7



#22
Acetophenone
Concen: 43.311 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion:105 Resp: 1324234
Ion Ratio Lower Upper
105 100
71 5.3 3.1 4.7#
51 41.0 31.4 47.2
120 23.5 18.6 27.8





#23

Nitrobenzene-d5

Concen: 69.347 ng

RT: 7.333 min Scan# 892

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

Instrument :

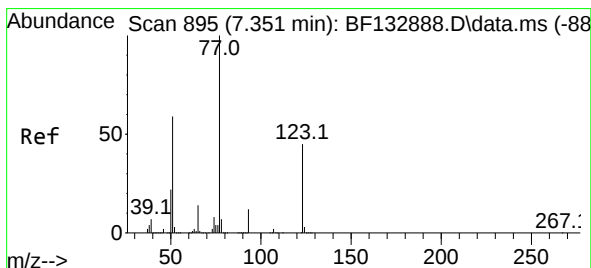
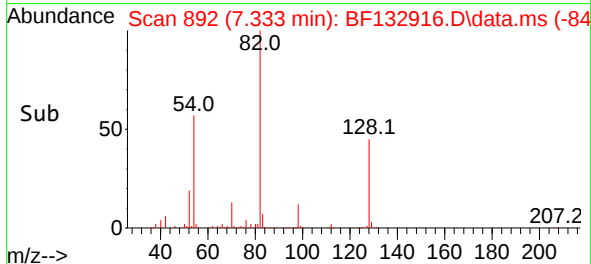
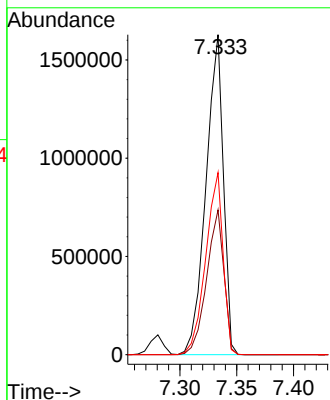
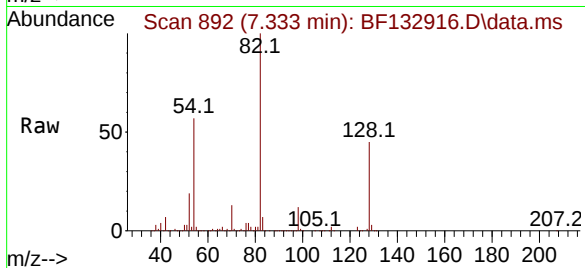
BNA_F

ClientSampleId :

PB152211BS

Tgt Ion: 82 Resp: 1733954

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.7	53.5
54	56.9	44.7	67.1



#24

Nitrobenzene

Concen: 41.961 ng

RT: 7.351 min Scan# 895

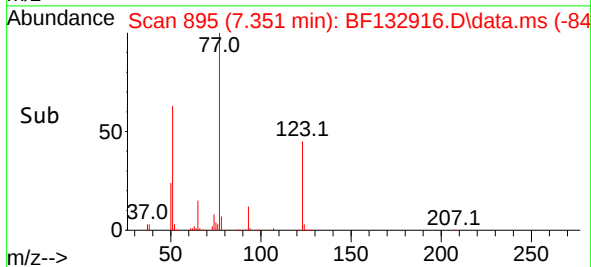
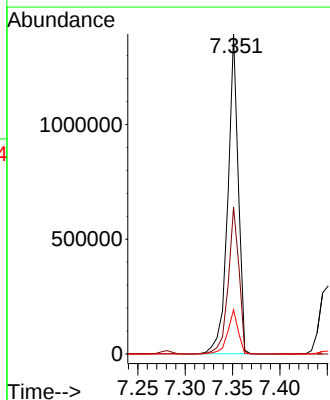
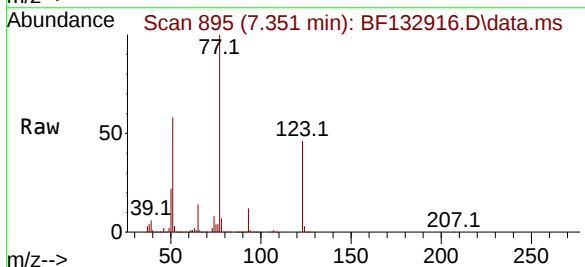
Delta R.T. -0.000 min

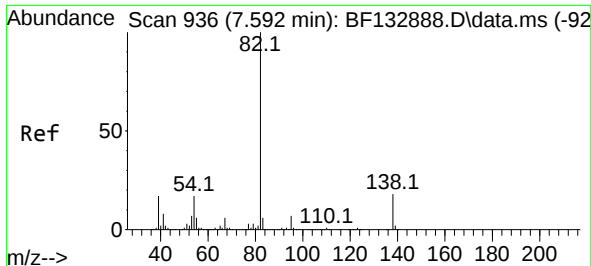
Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

Tgt Ion: 77 Resp: 1075417

Ion	Ratio	Lower	Upper
77	100		
123	45.9	36.3	54.5
65	13.8	11.2	16.8

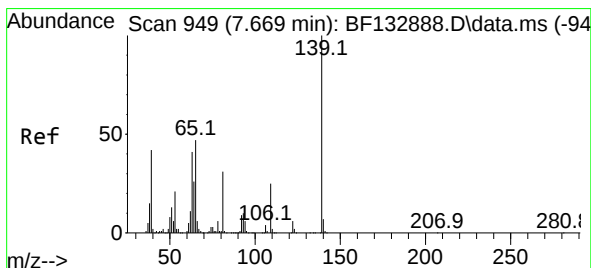
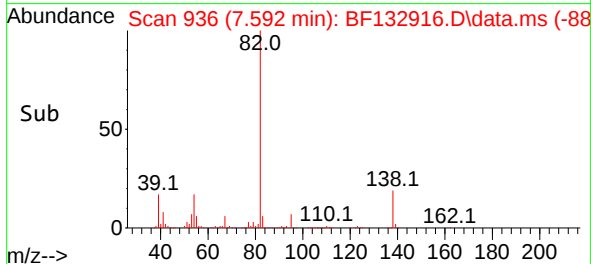
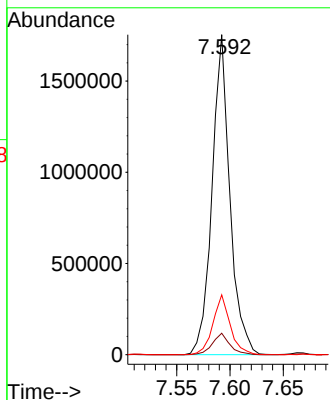
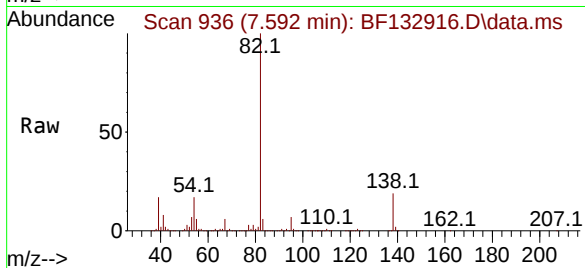




#25
Isophorone
Concen: 42.990 ng
RT: 7.592 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

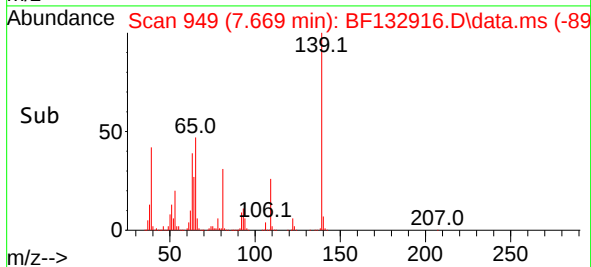
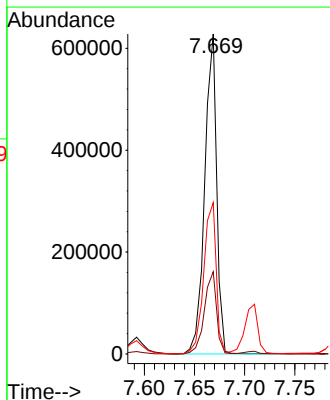
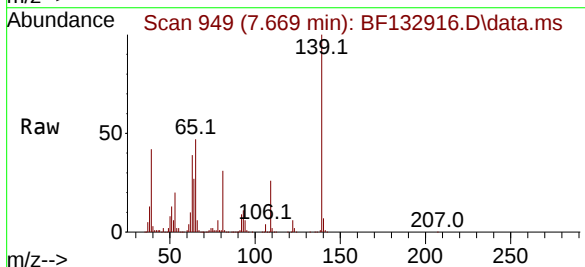
Instrument :
BNA_F
ClientSampleId :
PB152211BS

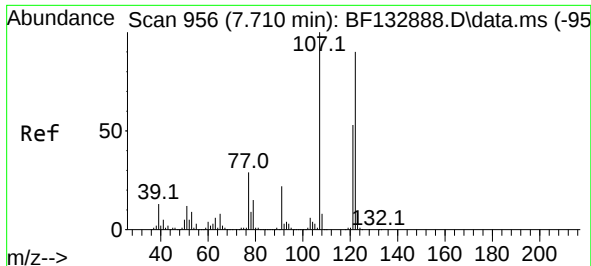
Tgt Ion: 82 Resp: 2038929
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 18.7 14.2 21.2



#26
2-Nitrophenol
Concen: 54.336 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion: 139 Resp: 525329
Ion Ratio Lower Upper
139 100
109 25.7 20.1 30.1
65 47.3 38.0 57.0

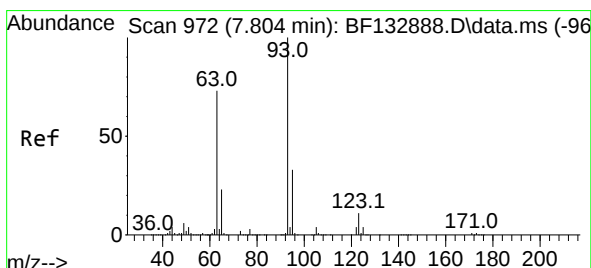
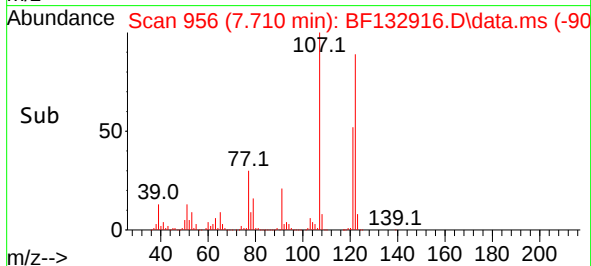
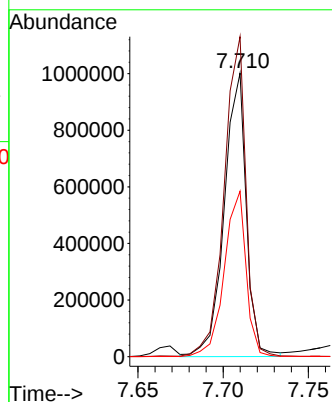
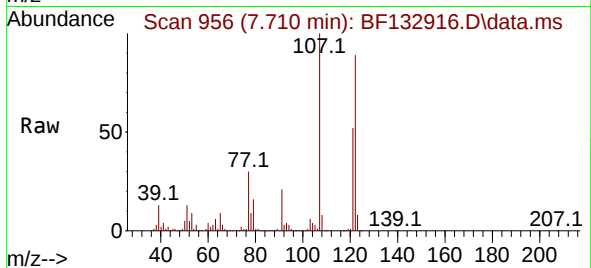




#27
2,4-Dimethylphenol
Concen: 45.811 ng
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

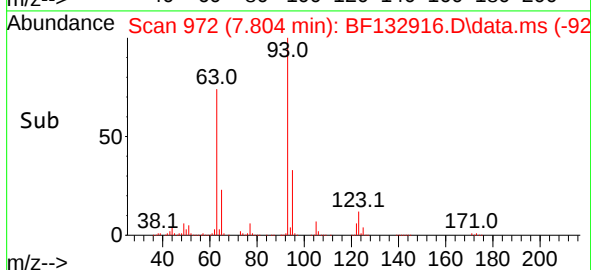
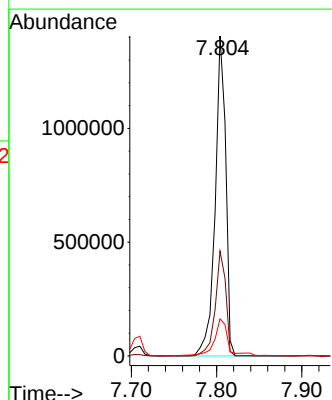
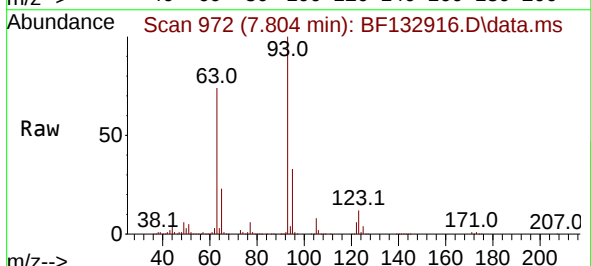
Instrument :
BNA_F
ClientSampleId :
PB152211BS

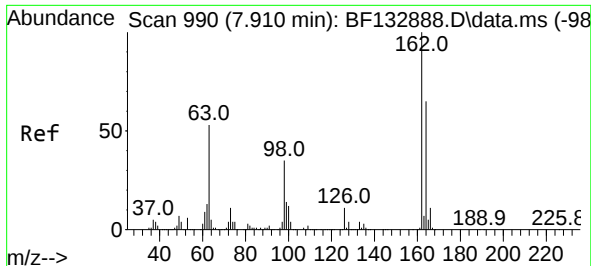
Tgt Ion:122 Resp: 903498
Ion Ratio Lower Upper
122 100
107 112.9 88.5 132.7
121 58.4 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 42.753 ng
RT: 7.804 min Scan# 972
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion: 93 Resp: 1212347
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 11.6 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 44.768 ng

RT: 7.910 min Scan# 990

Delta R.T. -0.000 min

Lab File: BF132916.D

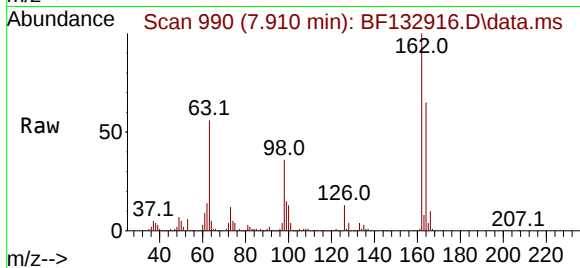
Acq: 19 Apr 2023 17:24

Instrument :

BNA_F

ClientSampleId :

PB152211BS



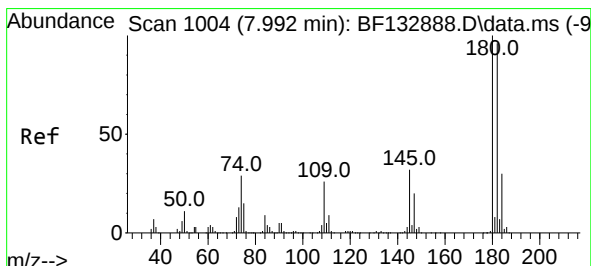
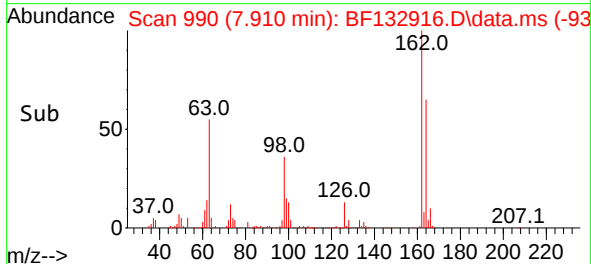
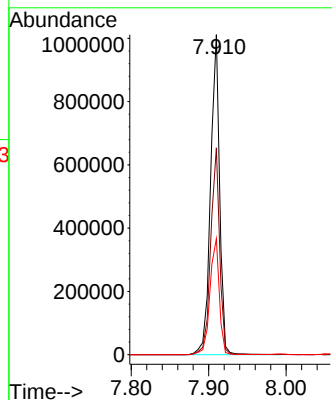
Tgt Ion:162 Resp: 821809

Ion Ratio Lower Upper

162 100

164 64.7 45.2 85.2

98 36.2 14.8 54.8



#30

1,2,4-Trichlorobenzene

Concen: 42.803 ng

RT: 7.992 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

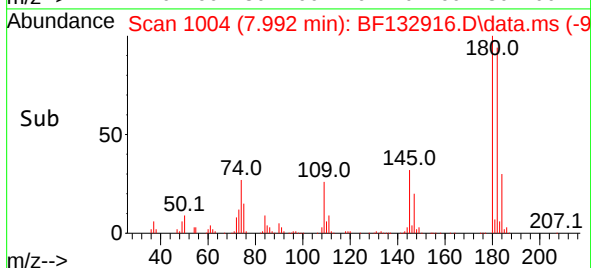
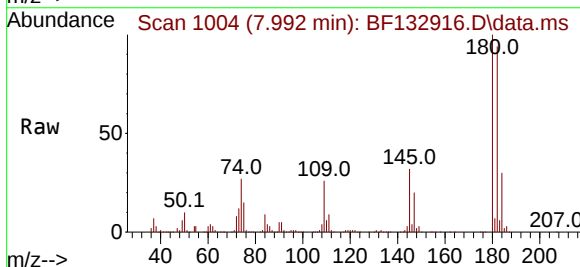
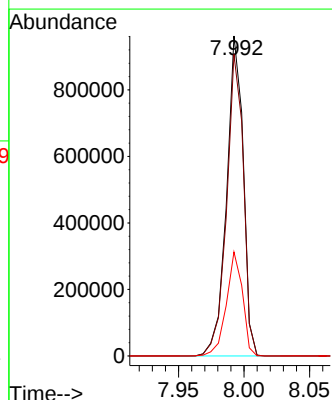
Tgt Ion:180 Resp: 848389

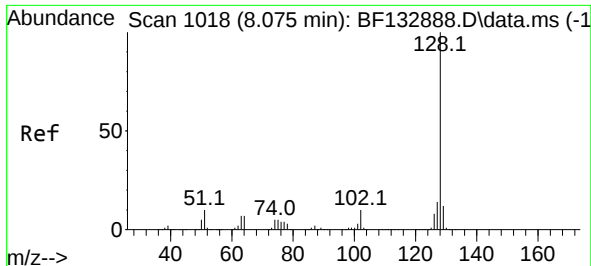
Ion Ratio Lower Upper

180 100

182 94.2 76.6 114.8

145 32.5 25.4 38.0

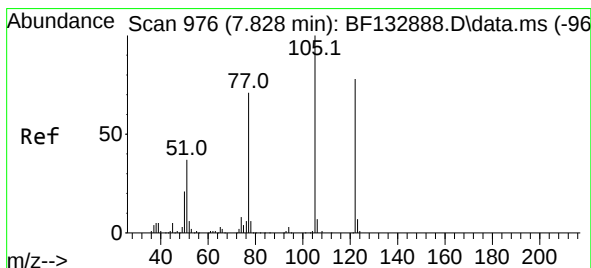
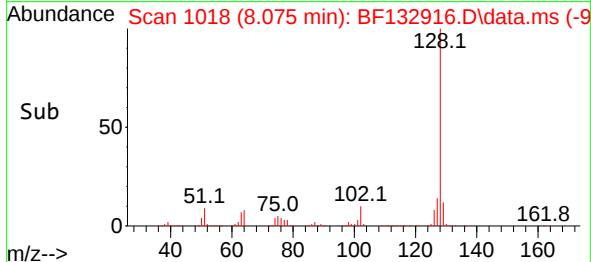
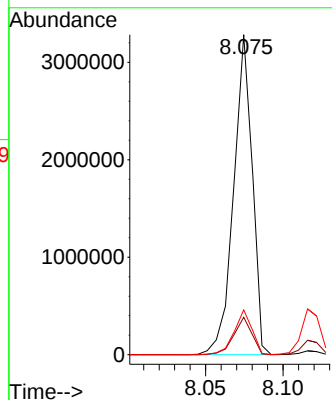
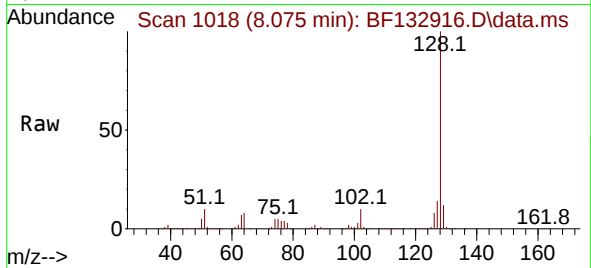




#31
Naphthalene
Concen: 41.569 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

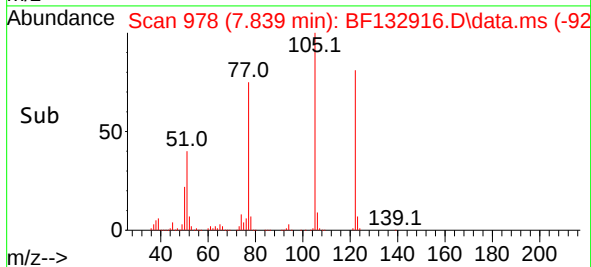
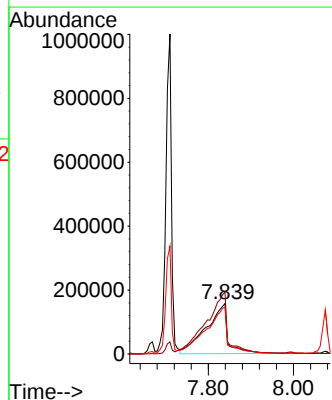
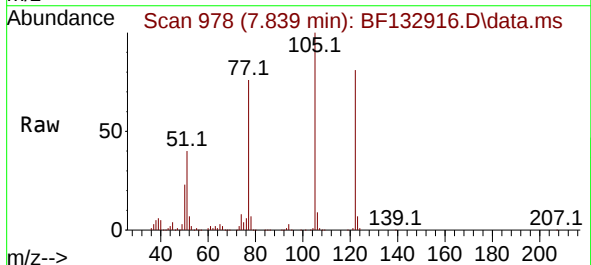
Instrument :
BNA_F
ClientSampleId :
PB152211BS

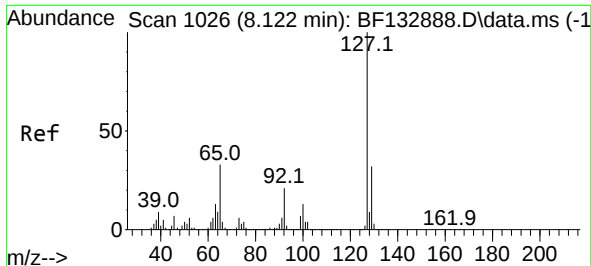
Tgt Ion:128 Resp: 2737867
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 14.0 11.0 16.6



#32
Benzoic acid
Concen: 56.454 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.011 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion:122 Resp: 558325
Ion Ratio Lower Upper
122 100
105 122.8 104.5 144.5
77 93.0 71.2 111.2

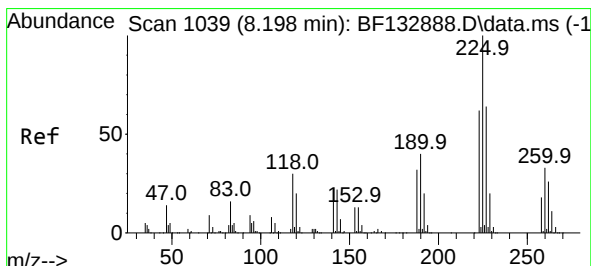
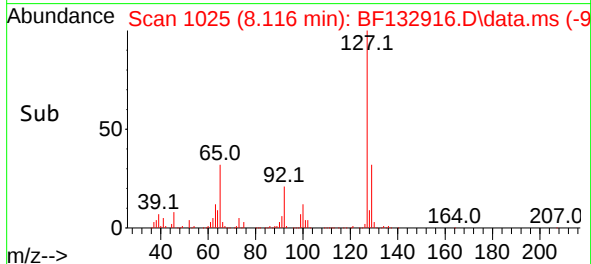
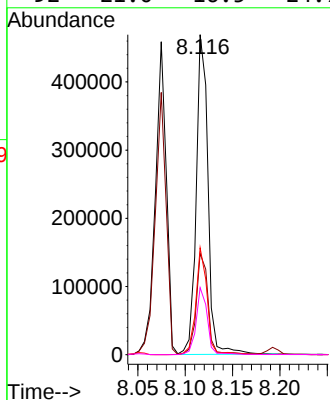
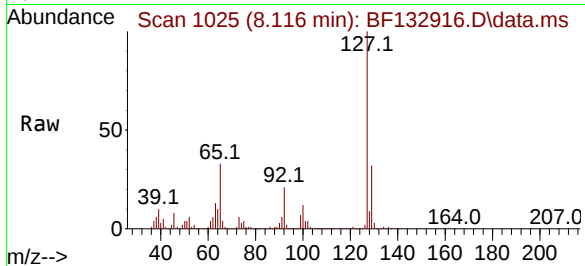




#33
4-Chloroaniline
Concen: 15.055 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

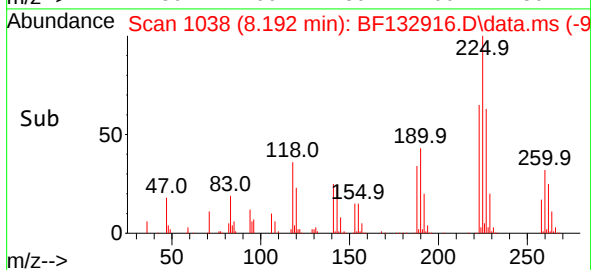
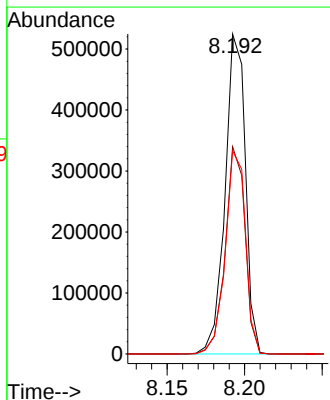
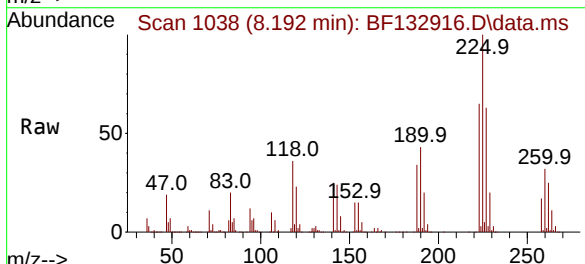
Instrument :
BNA_F
ClientSampleId :
PB152211BS

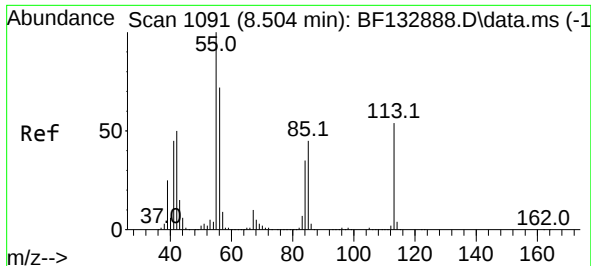
Tgt Ion:	127	Resp:	406130
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	33.4	26.7	40.1
92	21.0	16.5	24.7



#34
Hexachlorobutadiene
Concen: 42.038 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion:	225	Resp:	476686
Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.6	74.4
227	63.5	51.6	77.4

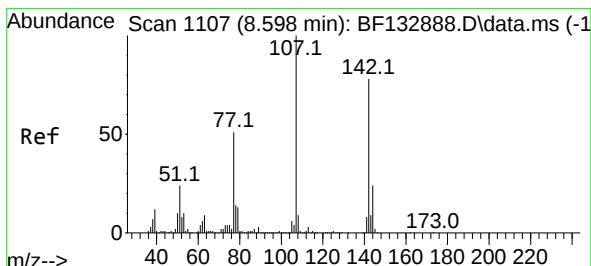
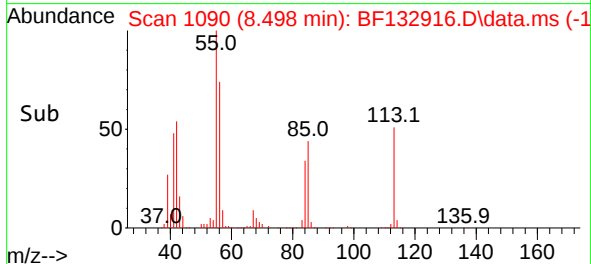
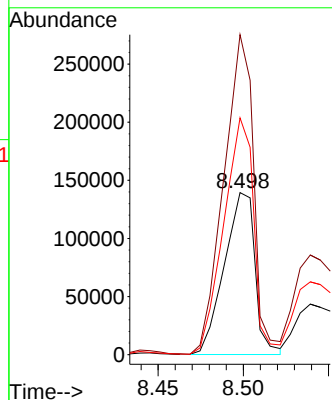
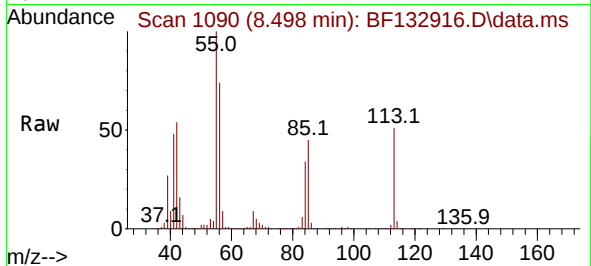




#35
 Caprolactam
 Concen: 31.929 ng
 RT: 8.498 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: BF132916.D
 Acq: 19 Apr 2023 17:24

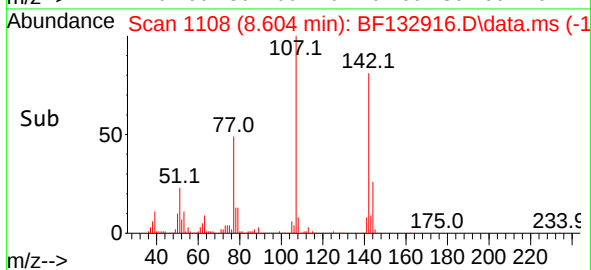
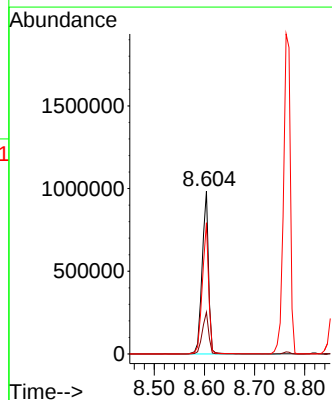
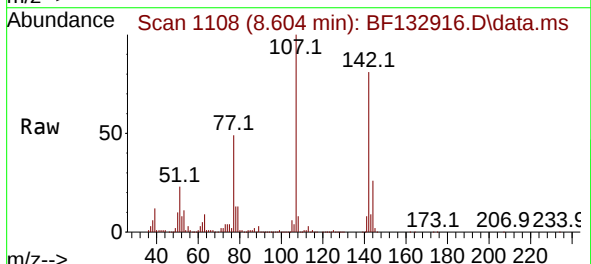
Instrument :
 BNA_F
 ClientSampleId :
 PB152211BS

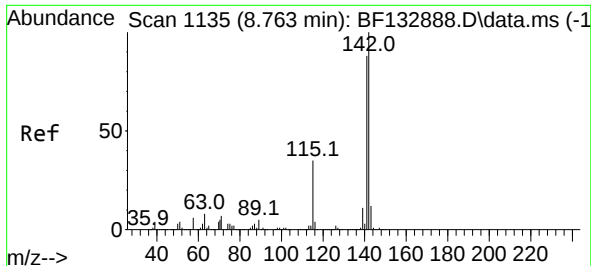
Tgt Ion:113 Resp: 174544
 Ion Ratio Lower Upper
 113 100
 55 197.4 166.0 206.0
 56 146.1 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 45.428 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.006 min
 Lab File: BF132916.D
 Acq: 19 Apr 2023 17:24

Tgt Ion:107 Resp: 875296
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.4 29.0
 142 80.6 62.2 93.2

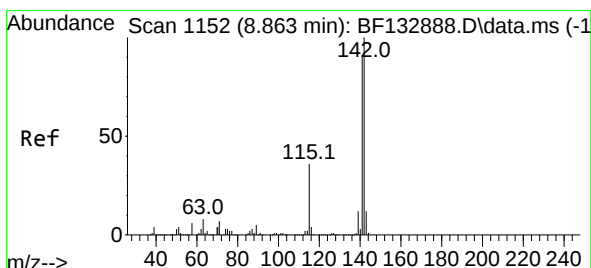
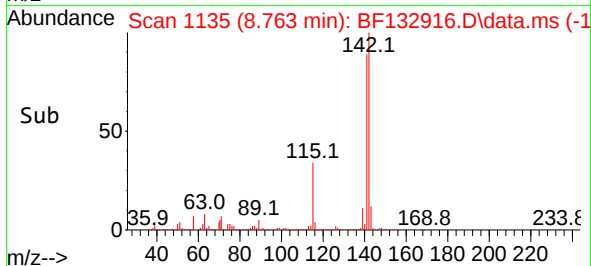
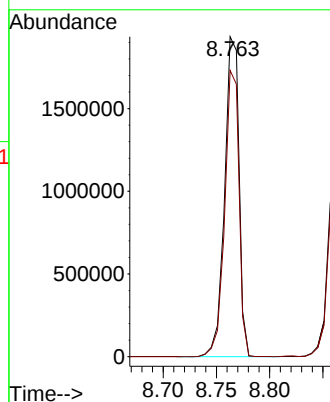
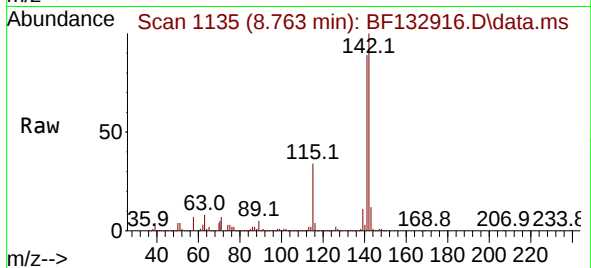




#37
2-Methylnaphthalene
Concen: 40.149 ng
RT: 8.763 min Scan# 1135
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

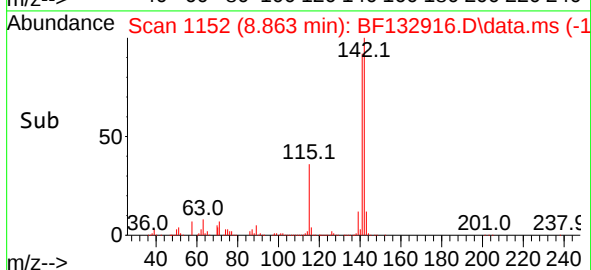
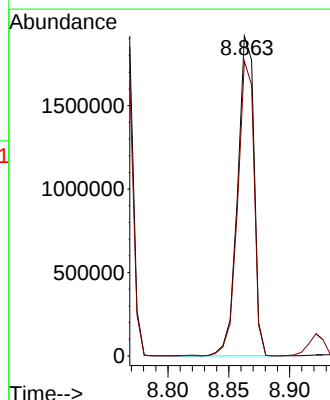
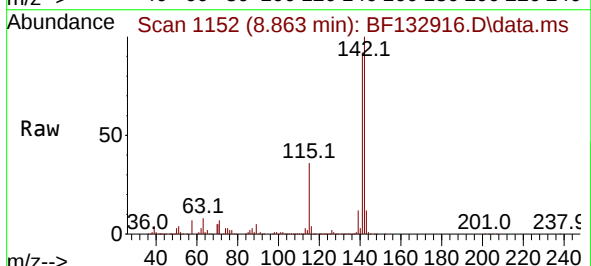
Instrument :
BNA_F
ClientSampleId :
PB152211BS

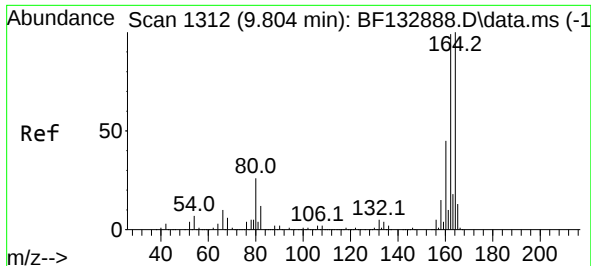
Tgt Ion:142 Resp: 1820097
Ion Ratio Lower Upper
142 100
141 89.5 70.4 105.6



#38
1-Methylnaphthalene
Concen: 42.827 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion:142 Resp: 1809001
Ion Ratio Lower Upper
142 100
141 92.1 72.6 109.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

Instrument :

BNA_F

ClientSampleId :

PB152211BS

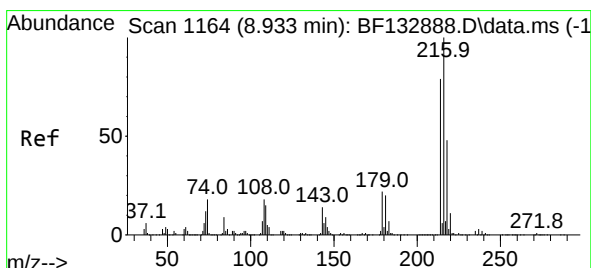
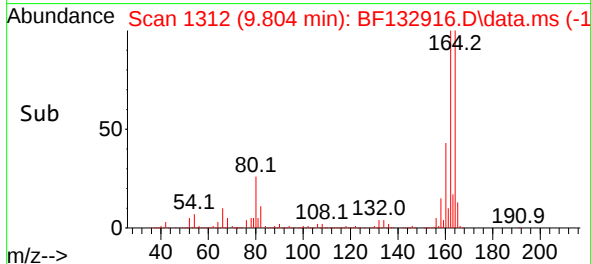
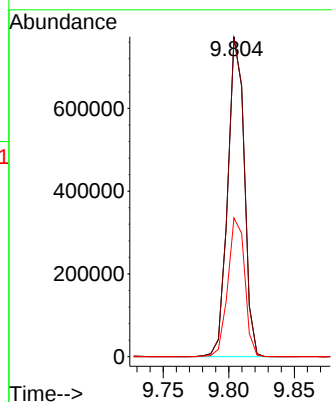
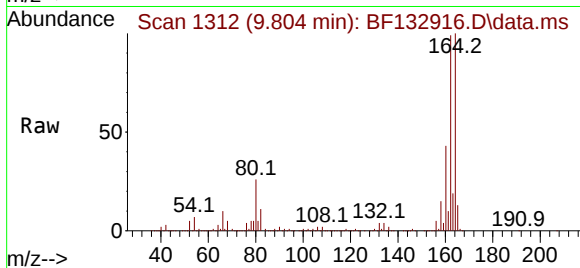
Tgt Ion:164 Resp: 676900

Ion Ratio Lower Upper

164 100

162 99.4 79.1 118.7

160 43.4 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.670 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

Tgt Ion:216 Resp: 778656

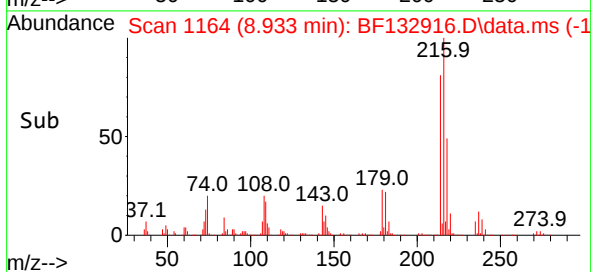
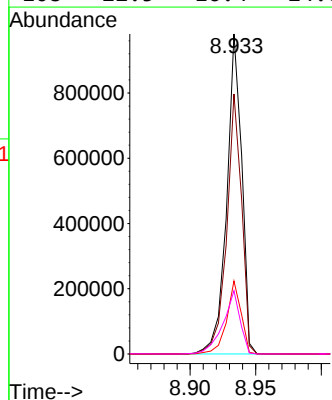
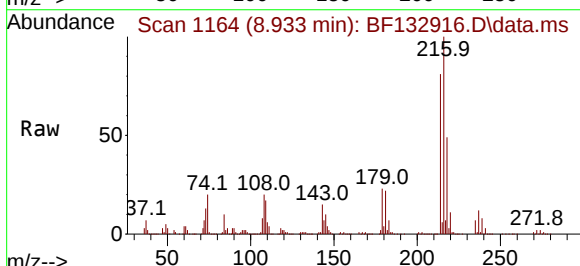
Ion Ratio Lower Upper

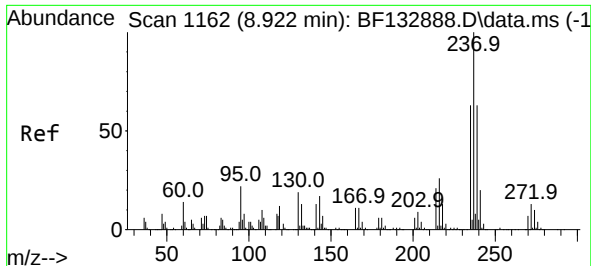
216 100

214 80.2 63.1 94.7

179 21.9 17.4 26.2

108 22.5 16.4 24.6

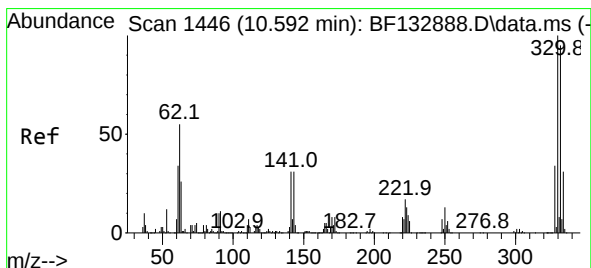
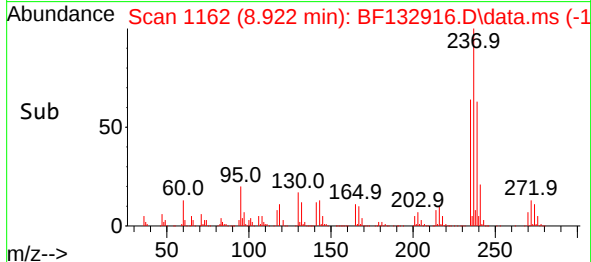
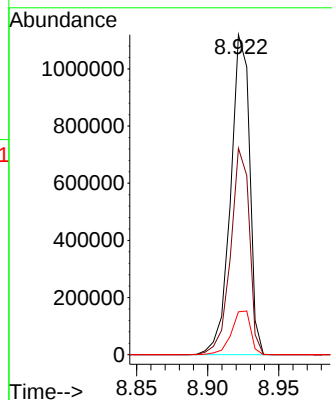
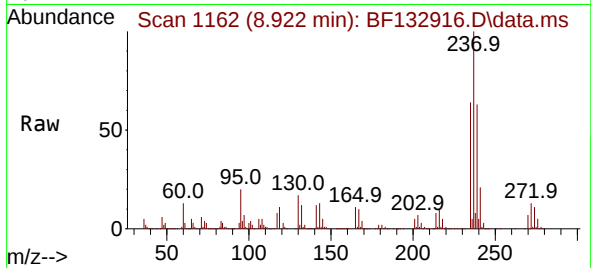




#41
Hexachlorocyclopentadiene
Concen: 103.624 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

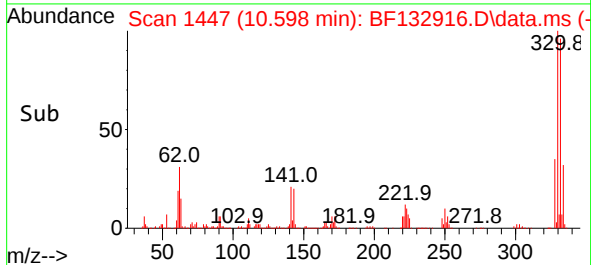
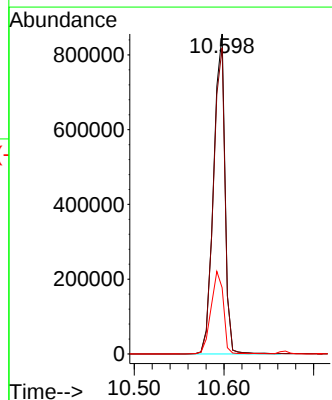
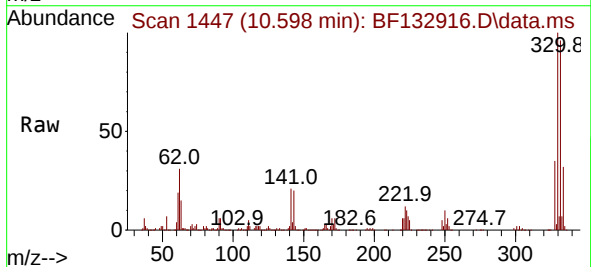
Instrument :
BNA_F
ClientSampleId :
PB152211BS

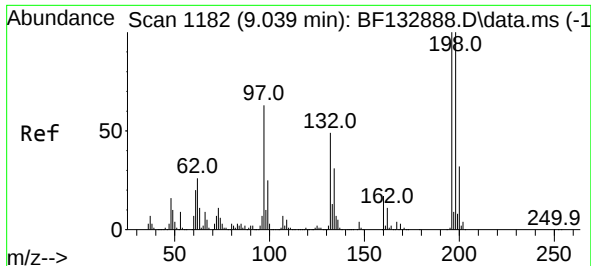
Tgt Ion:237 Resp: 1045711
Ion Ratio Lower Upper
237 100
235 64.5 43.2 83.2
272 13.4 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 111.343 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion:330 Resp: 755943
Ion Ratio Lower Upper
330 100
332 97.2 76.3 114.5
141 28.1 23.9 35.9

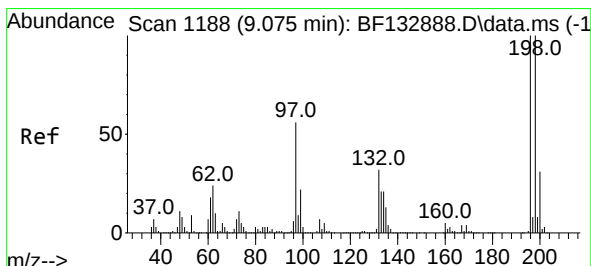
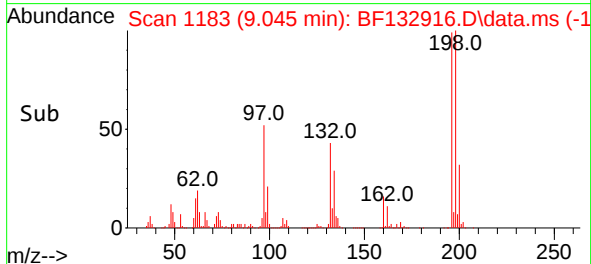
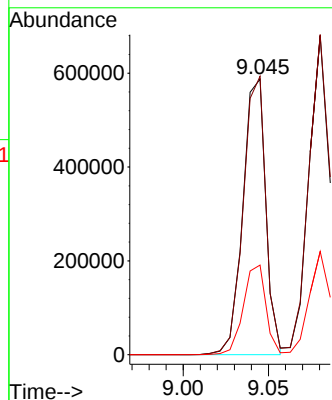
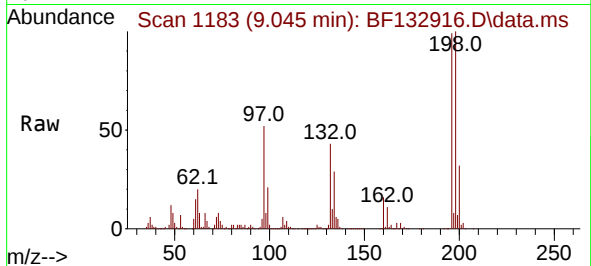




#43
2,4,6-Trichlorophenol
Concen: 45.338 ng
RT: 9.045 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

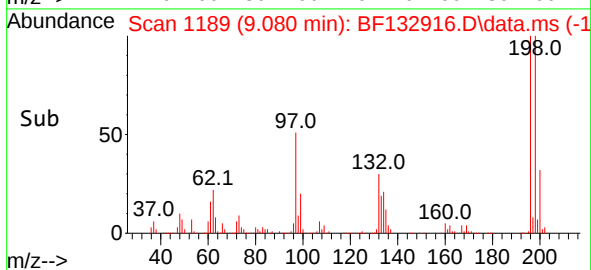
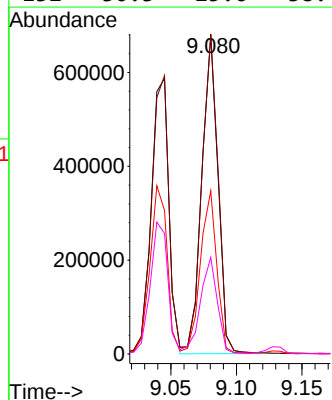
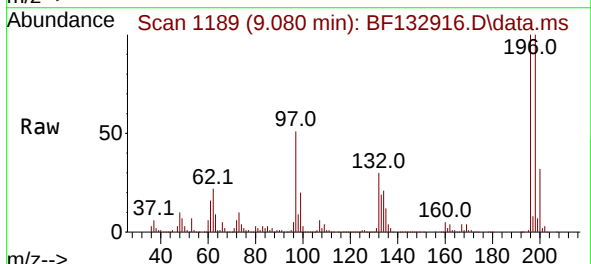
Instrument :
BNA_F
ClientSampleId :
PB152211BS

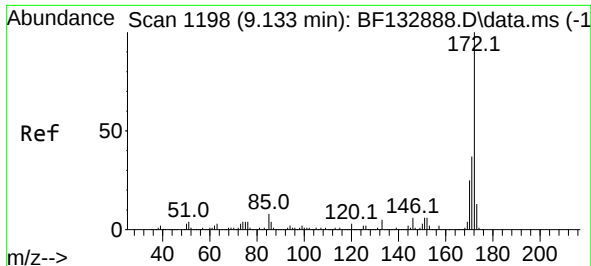
Tgt Ion:196 Resp: 550257
Ion Ratio Lower Upper
196 100
198 101.0 79.8 119.6
200 32.5 25.4 38.2



#44
2,4,5-Trichlorophenol
Concen: 41.088 ng
RT: 9.080 min Scan# 1189
Delta R.T. 0.006 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion:196 Resp: 583115
Ion Ratio Lower Upper
196 100
198 100.4 80.2 120.2
97 51.2 45.0 67.6
132 30.3 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 66.356 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

Instrument :

BNA_F

ClientSampleId :

PB152211BS

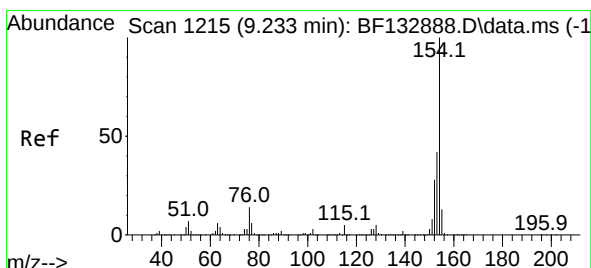
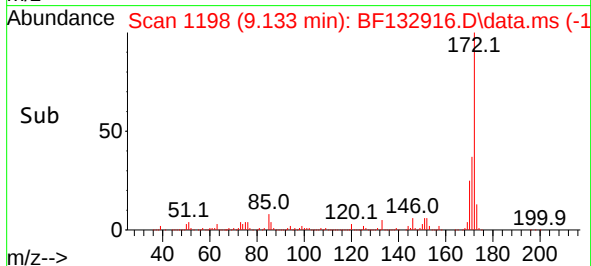
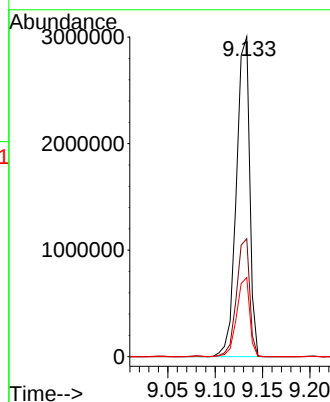
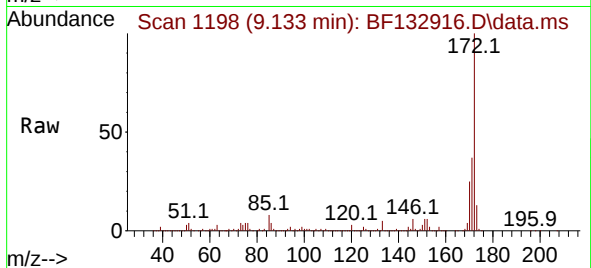
Tgt Ion:172 Resp: 2923809

Ion Ratio Lower Upper

172 100

171 36.9 29.4 44.0

170 24.7 20.1 30.1



#46

1,1'-Biphenyl

Concen: 41.926 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

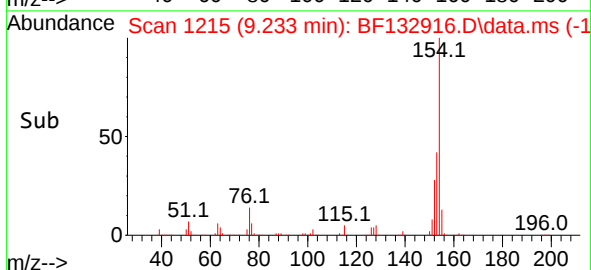
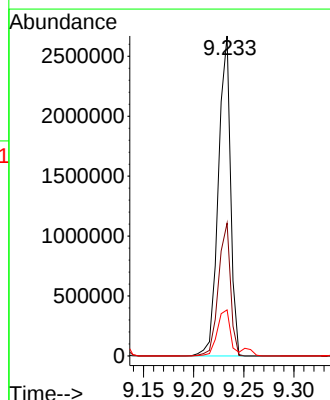
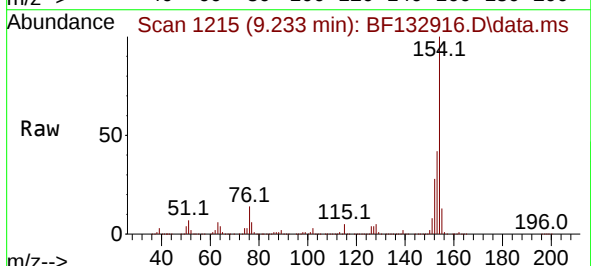
Tgt Ion:154 Resp: 2249762

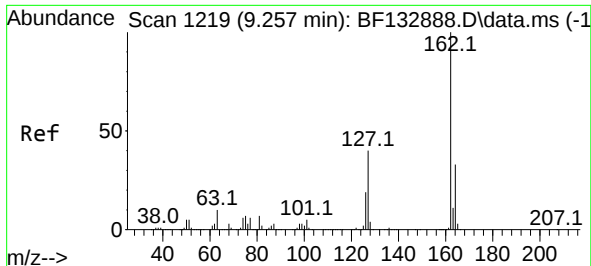
Ion Ratio Lower Upper

154 100

153 41.5 21.8 61.8

76 14.4 0.0 34.0





#47

2-Chloronaphthalene

Concen: 42.788 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

Instrument :

BNA_F

ClientSampleId :

PB152211BS

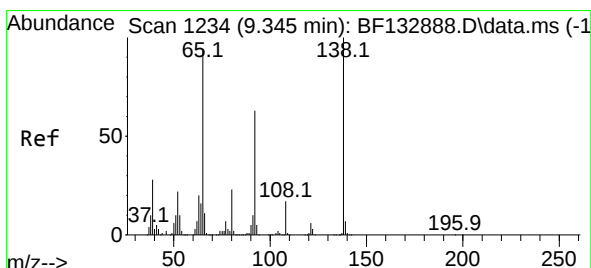
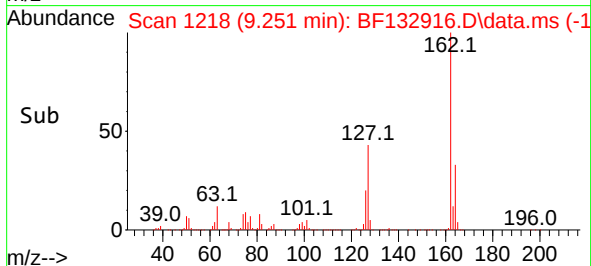
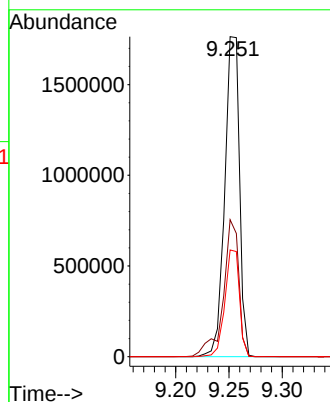
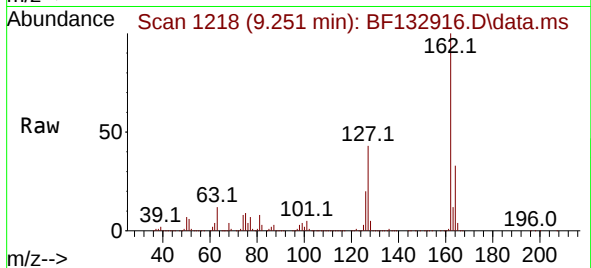
Tgt Ion:162 Resp: 1699089

Ion Ratio Lower Upper

162 100

127 42.8 32.2 48.2

164 33.3 26.5 39.7



#48

2-Nitroaniline

Concen: 48.606 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

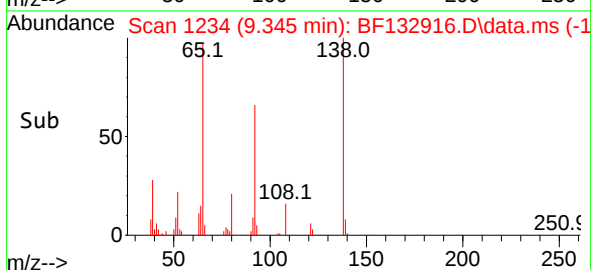
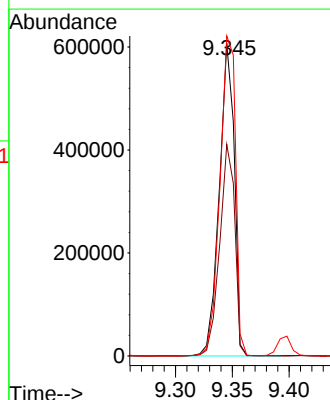
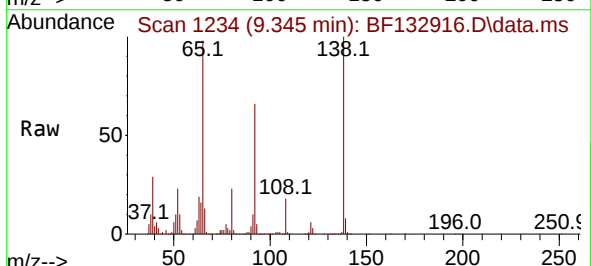
Tgt Ion: 65 Resp: 558371

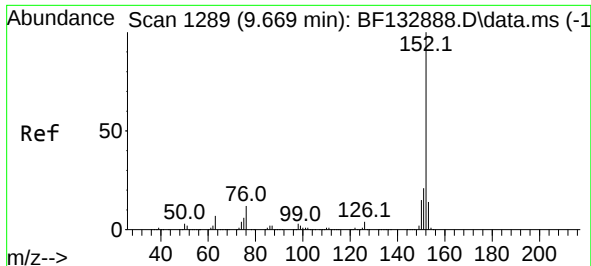
Ion Ratio Lower Upper

65 100

92 67.7 53.5 80.3

138 102.4 84.8 127.2





#49

Acenaphthylene

Concen: 40.858 ng

RT: 9.669 min Scan# 1289

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

Instrument :

BNA_F

ClientSampleId :

PB152211BS

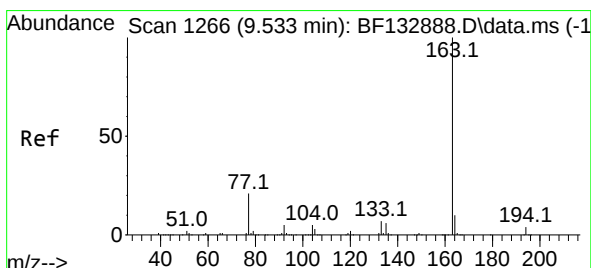
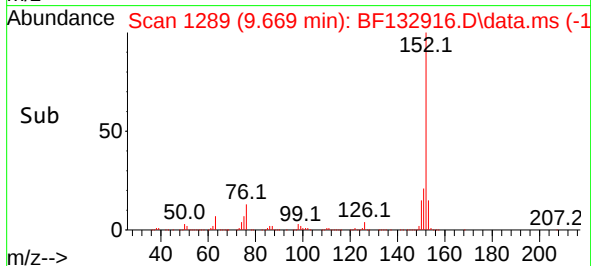
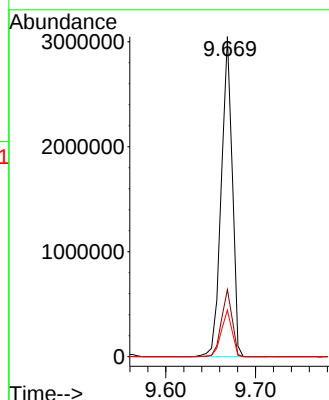
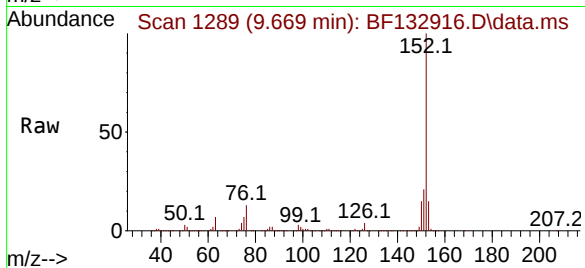
Tgt Ion:152 Resp: 2587758

Ion Ratio Lower Upper

152 100

151 21.0 16.4 24.6

153 14.5 11.4 17.0



#50

Dimethylphthalate

Concen: 41.531 ng

RT: 9.533 min Scan# 1266

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

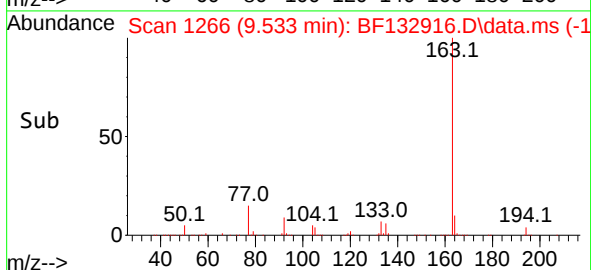
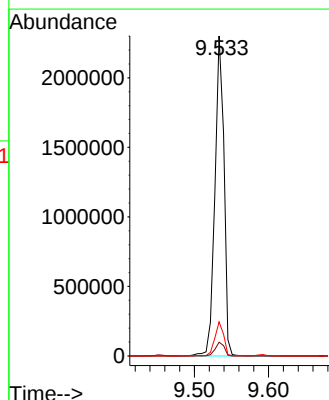
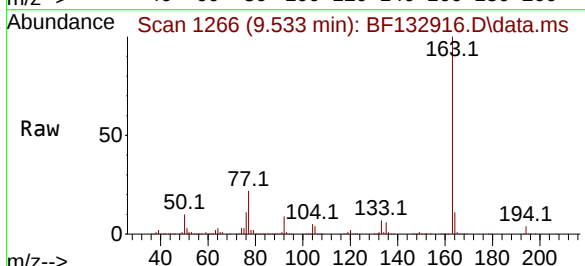
Tgt Ion:163 Resp: 1943570

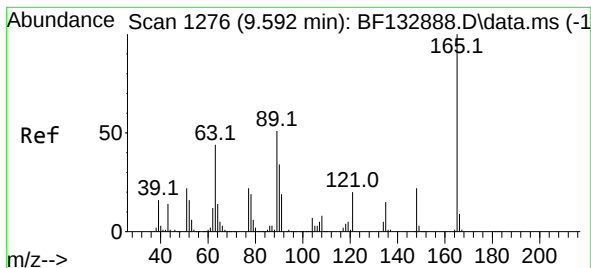
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.6 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 44.495 ng

RT: 9.592 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

Instrument :

BNA_F

ClientSampleId :

PB152211BS

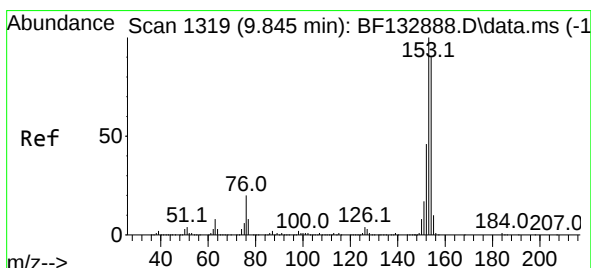
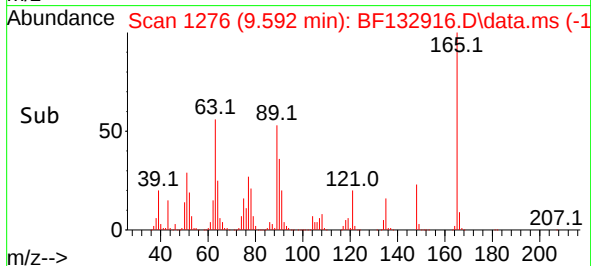
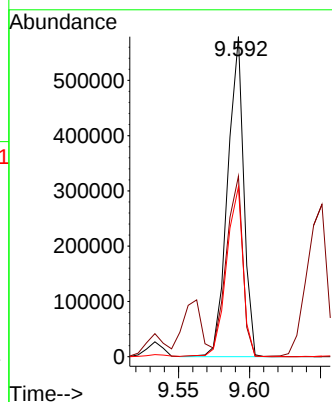
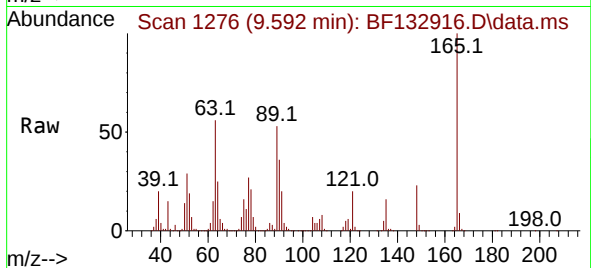
Tgt Ion:165 Resp: 456540

Ion Ratio Lower Upper

165 100

63 56.4 42.6 63.8

89 53.1 41.0 61.4



#52

Acenaphthene

Concen: 45.570 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

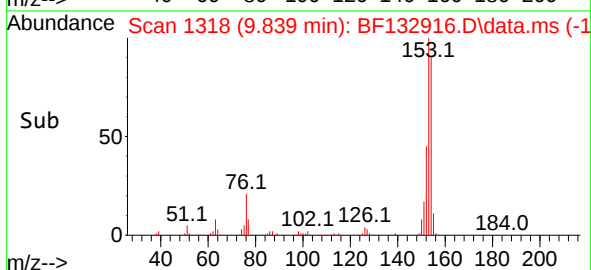
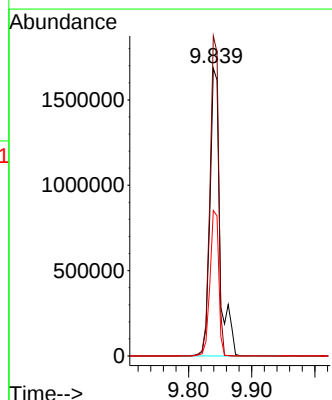
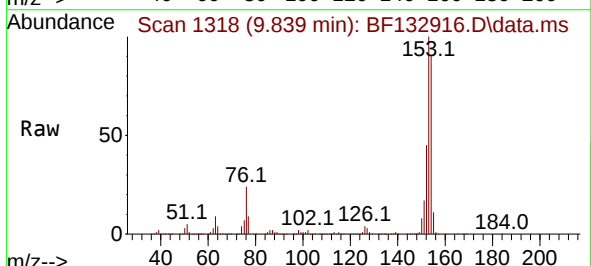
Tgt Ion:154 Resp: 1859871

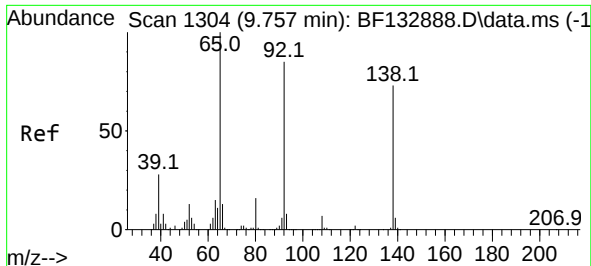
Ion Ratio Lower Upper

154 100

153 111.2 88.8 133.2

152 50.6 41.2 61.8

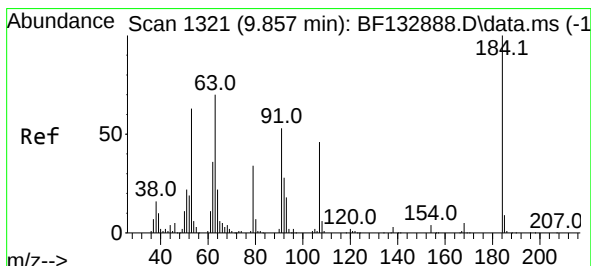
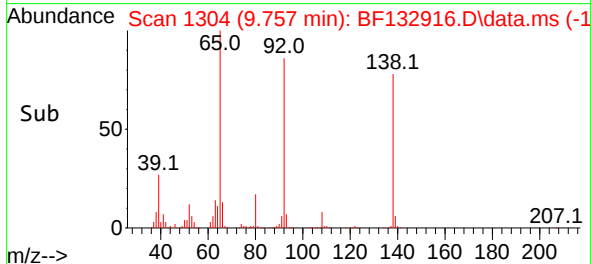
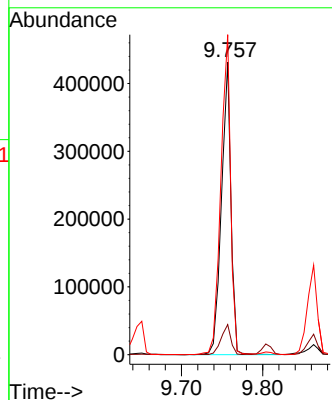
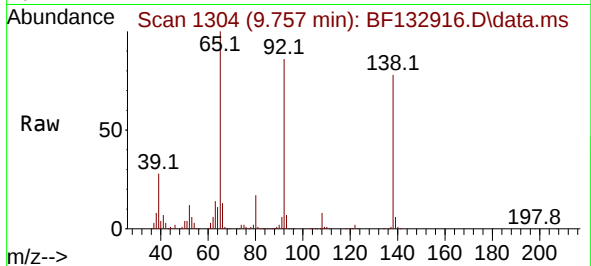




#53
3-Nitroaniline
Concen: 30.084 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

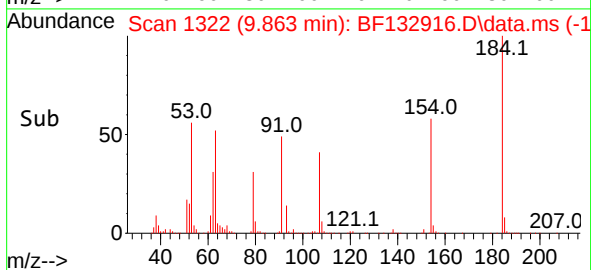
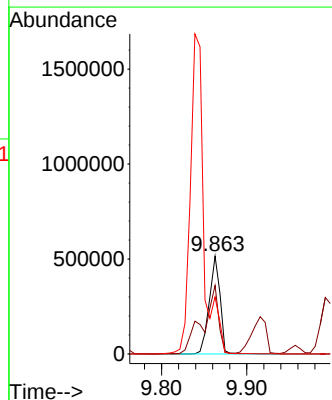
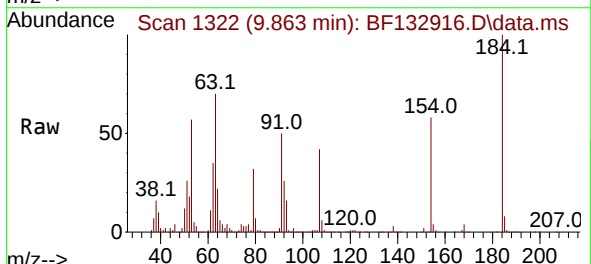
Instrument :
BNA_F
ClientSampleId :
PB152211BS

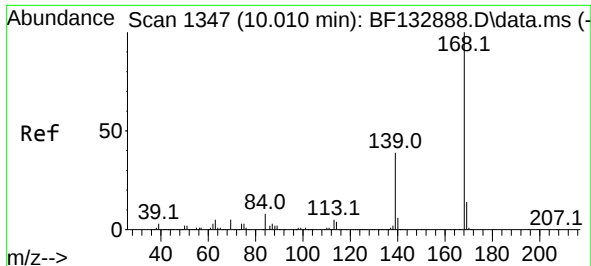
Tgt Ion:138 Resp: 351260
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.2
92 109.4 93.8 140.8



#54
2,4-Dinitrophenol
Concen: 114.223 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion:184 Resp: 456545
Ion Ratio Lower Upper
184 100
63 70.1 62.7 94.1
154 58.4 49.9 74.9

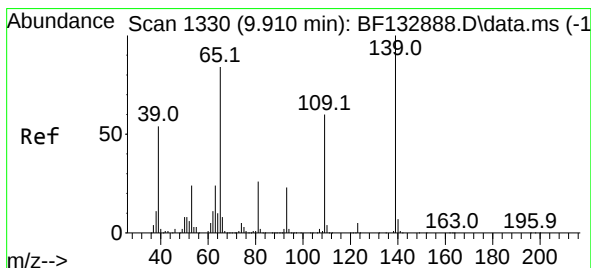
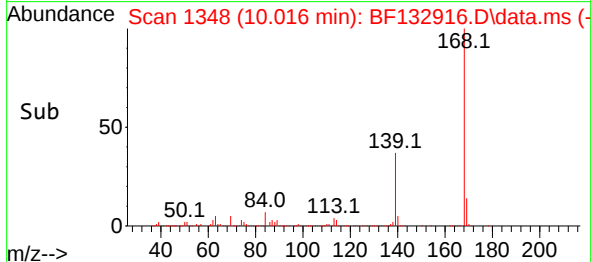
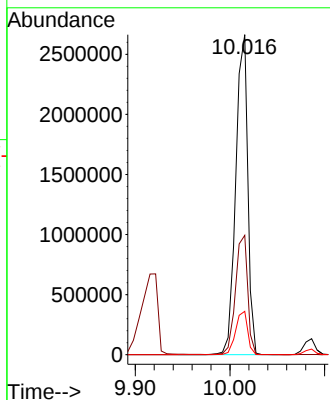
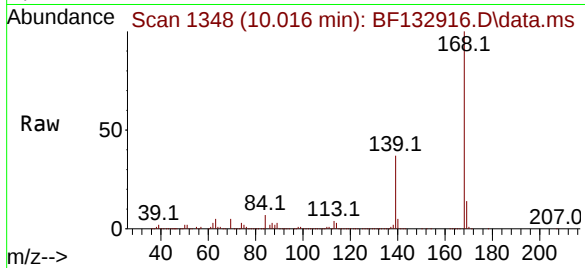




#55
Dibenzofuran
Concen: 40.410 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

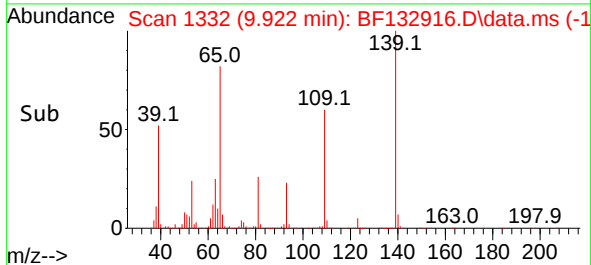
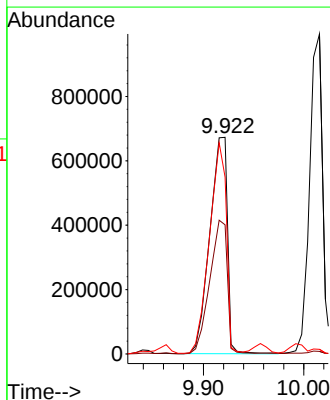
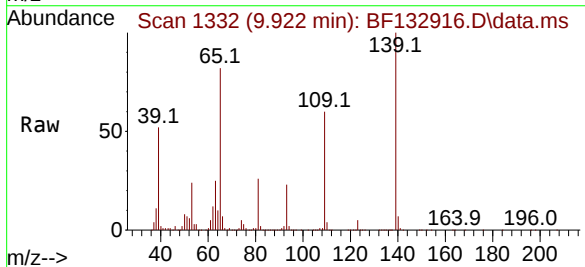
Instrument :
BNA_F
ClientSampleId :
PB152211BS

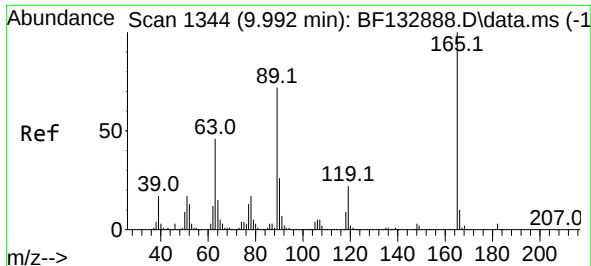
Tgt Ion:168 Resp: 2339955
Ion Ratio Lower Upper
168 100
139 37.3 31.4 47.0
169 13.6 11.2 16.8



#56
4-Nitrophenol
Concen: 94.890 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.012 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion:139 Resp: 823009
Ion Ratio Lower Upper
139 100
109 59.6 40.4 80.4
65 81.7 64.2 104.2

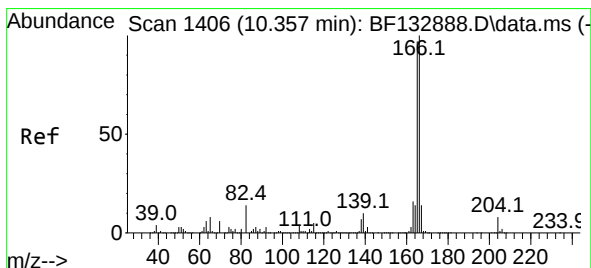
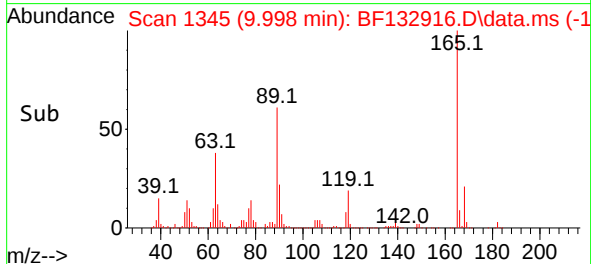
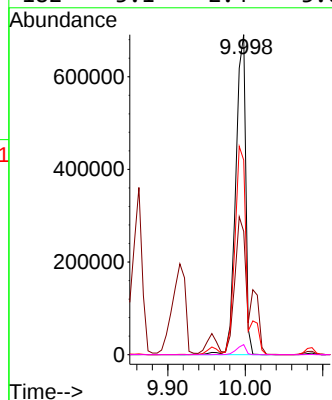
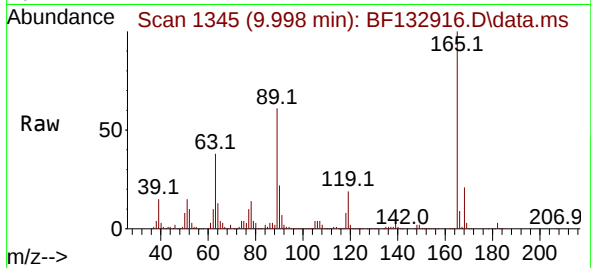




#57
2,4-Dinitrotoluene
Concen: 48.733 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

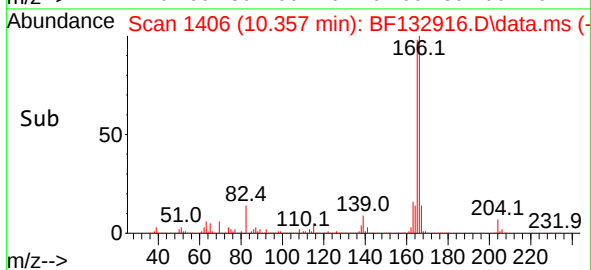
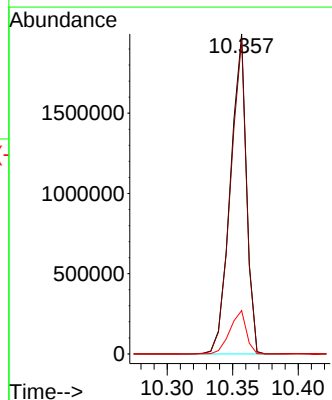
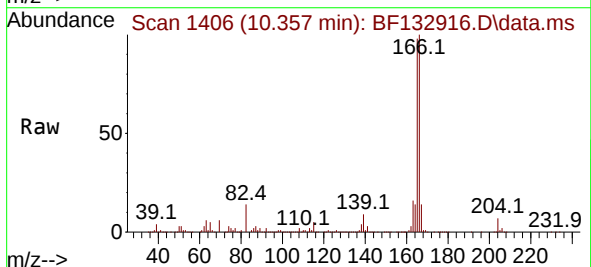
Instrument :
BNA_F
ClientSampleId :
PB152211BS

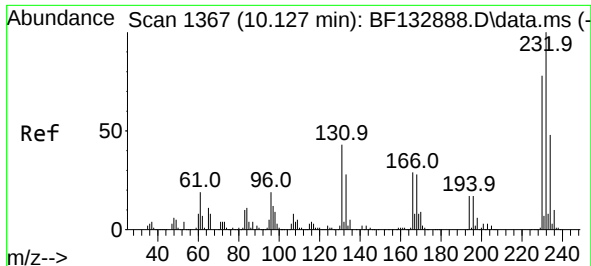
Tgt Ion:165 Resp: 617123
Ion Ratio Lower Upper
165 100
63 38.5 37.0 55.6
89 60.8 57.8 86.6
182 3.1 2.4 3.6



#58
Fluorene
Concen: 40.166 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion:166 Resp: 1703717
Ion Ratio Lower Upper
166 100
165 98.3 78.0 117.0
167 13.5 11.0 16.4

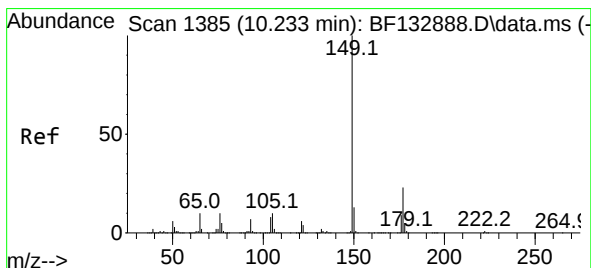
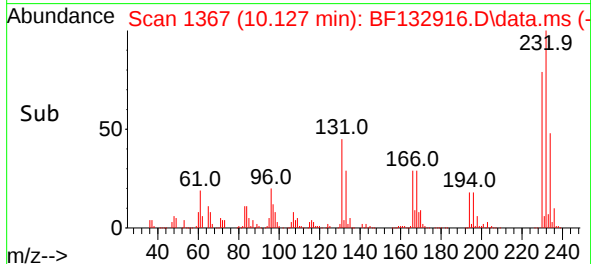
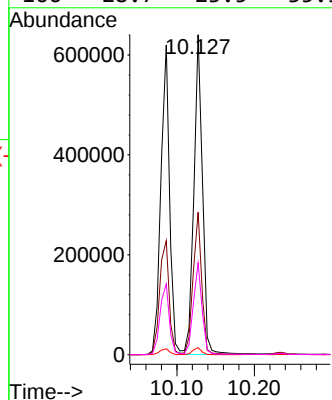
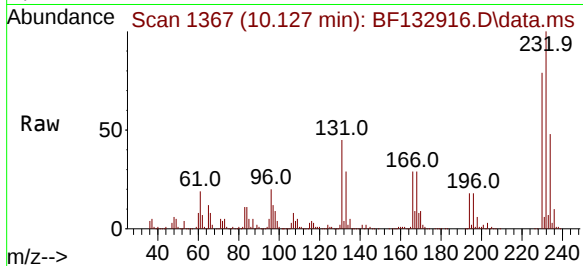




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.029 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

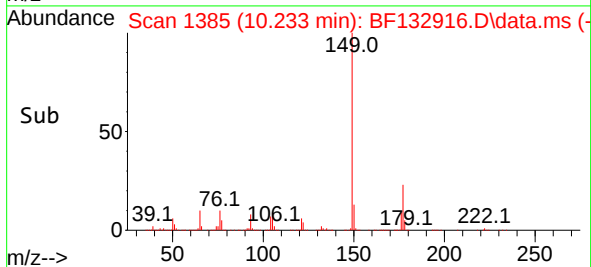
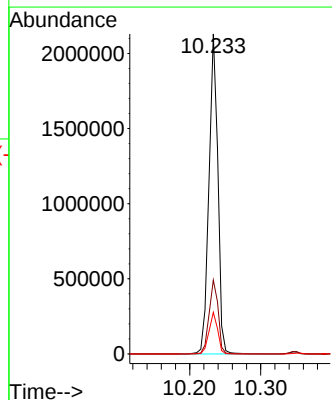
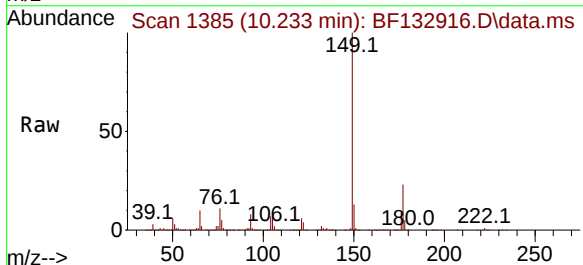
Instrument :
BNA_F
ClientSampleId :
PB152211BS

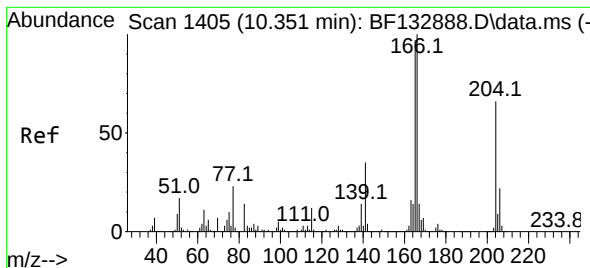
Tgt Ion:232 Resp: 495964
Ion Ratio Lower Upper
232 100
131 44.1 35.9 53.9
130 2.3 1.8 2.8
166 28.7 23.5 35.3



#60
Diethylphthalate
Concen: 42.475 ng
RT: 10.233 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion:149 Resp: 1857453
Ion Ratio Lower Upper
149 100
177 23.1 18.5 27.7
150 13.0 10.3 15.5

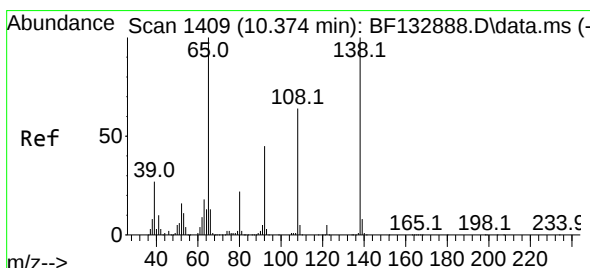
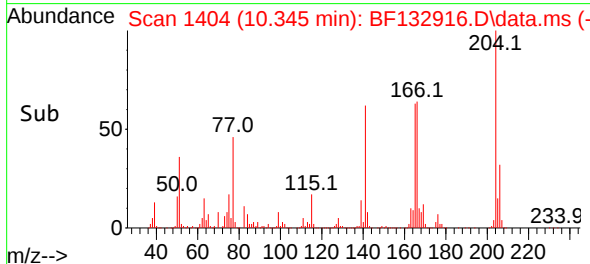
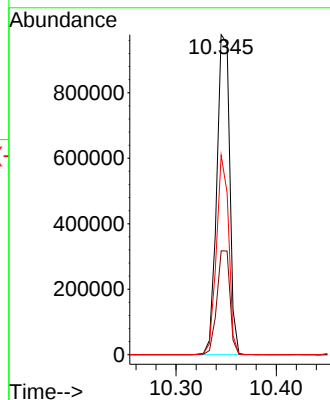
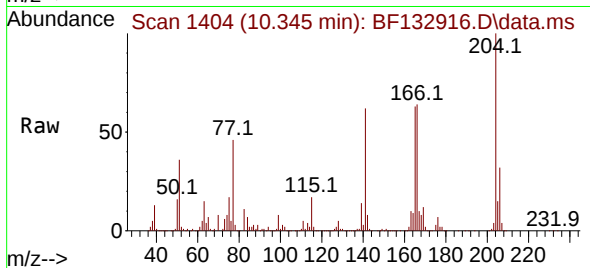




#61
4-Chlorophenyl-phenylether
Concen: 40.625 ng
RT: 10.345 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

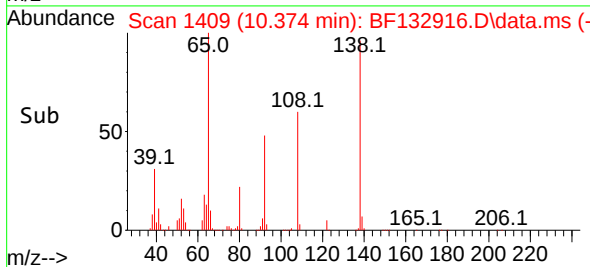
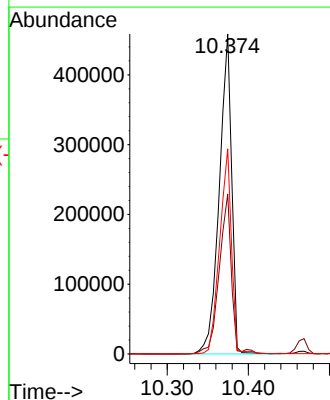
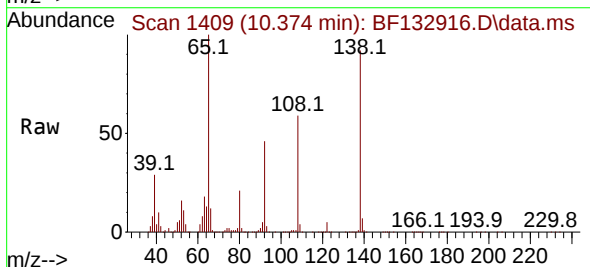
Instrument :
BNA_F
ClientSampleId :
PB152211BS

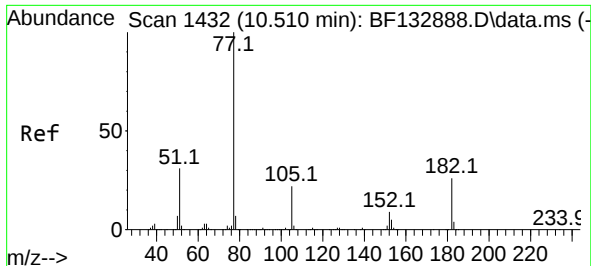
Tgt Ion:204 Resp: 876486
Ion Ratio Lower Upper
204 100
206 32.5 26.6 40.0
141 62.4 43.1 64.7



#62
4-Nitroaniline
Concen: 43.602 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion:138 Resp: 489315
Ion Ratio Lower Upper
138 100
92 50.0 25.0 65.0
108 64.1 44.2 84.2



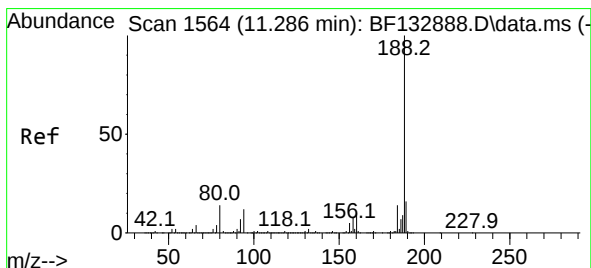
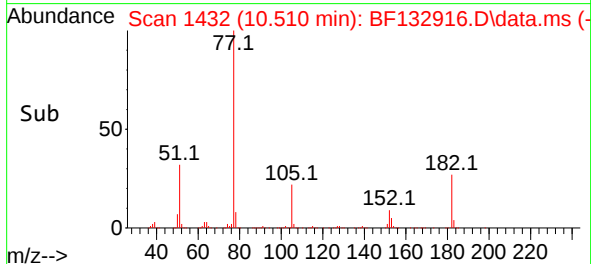
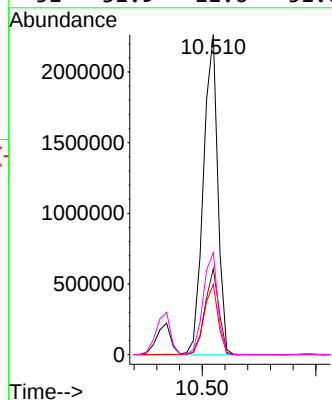
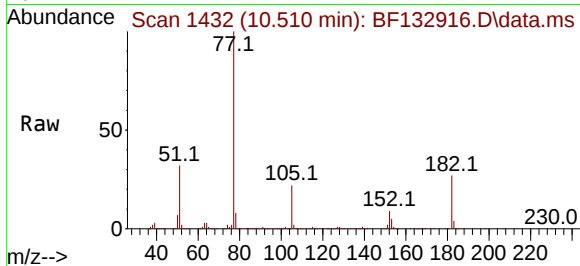


#63
Azobenzene
Concen: 40.657 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Instrument :
BNA_F
ClientSampleId :
PB152211BS

Tgt Ion: 77 Resp: 1986028

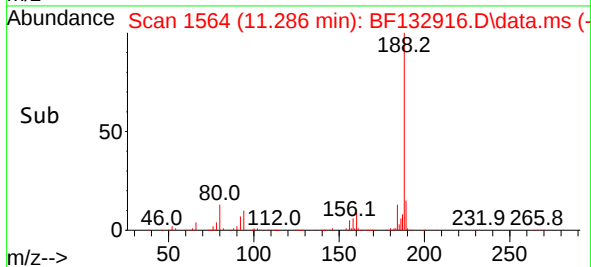
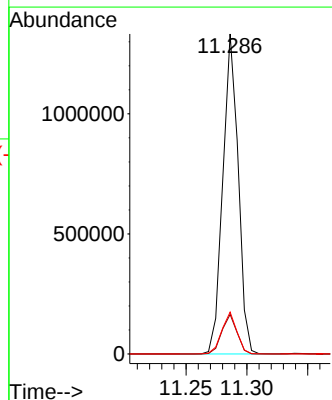
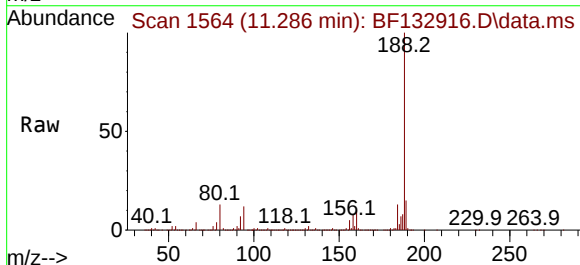
Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.0	46.0
105	22.0	1.6	41.6
51	31.9	11.6	51.6

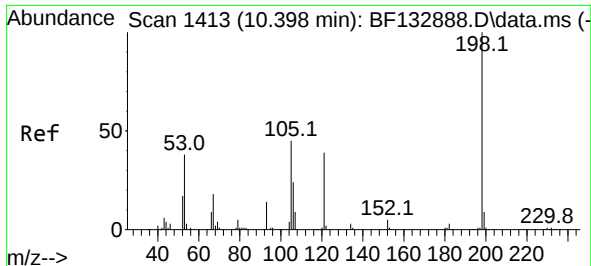


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion: 188 Resp: 1173781

Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.9	14.9
80	13.1	10.8	16.2

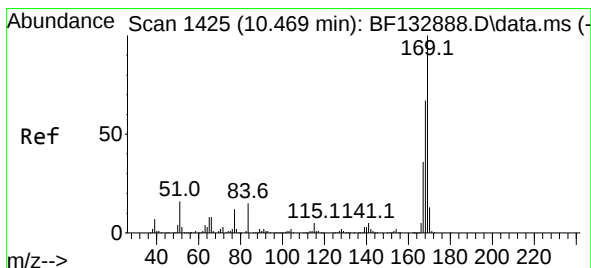
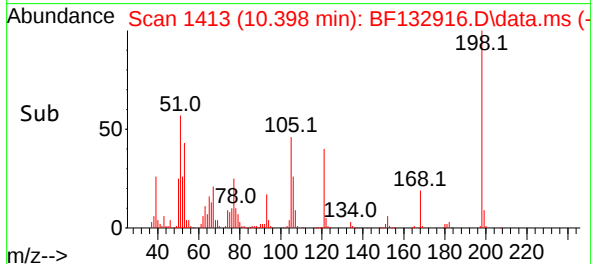
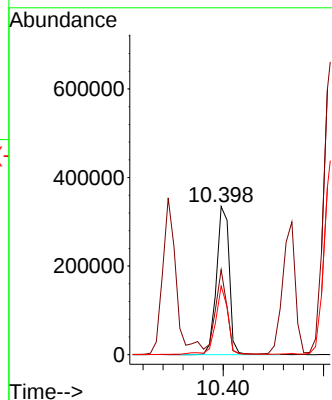
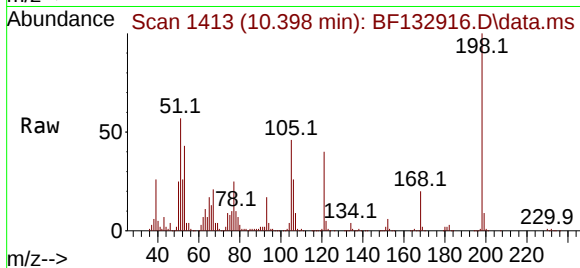




#65
4,6-Dinitro-2-methylphenol
Concen: 52.572 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

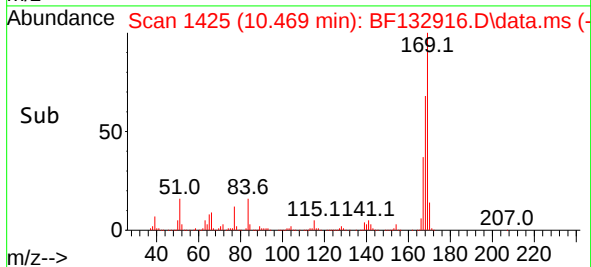
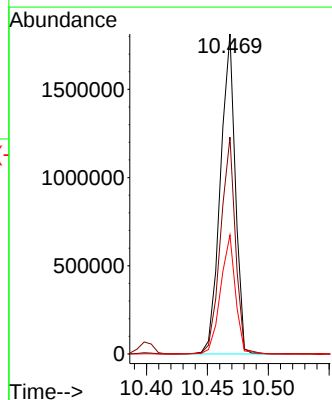
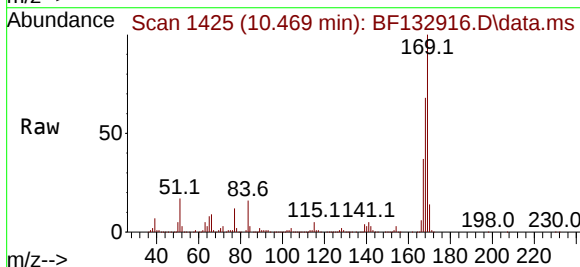
Instrument :
BNA_F
ClientSampleId :
PB152211BS

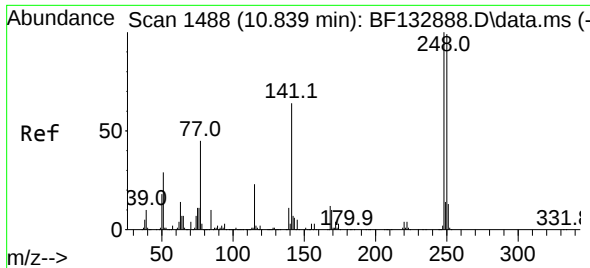
Tgt Ion:198 Resp: 295526
Ion Ratio Lower Upper
198 100
51 57.4 34.6 74.6
105 46.3 25.6 65.6



#66
n-Nitrosodiphenylamine
Concen: 40.600 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion:169 Resp: 1552059
Ion Ratio Lower Upper
169 100
168 67.8 53.4 80.0
167 37.2 29.0 43.6

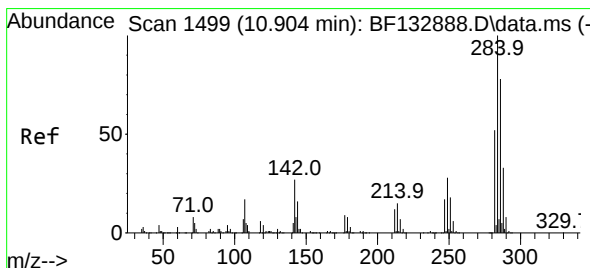
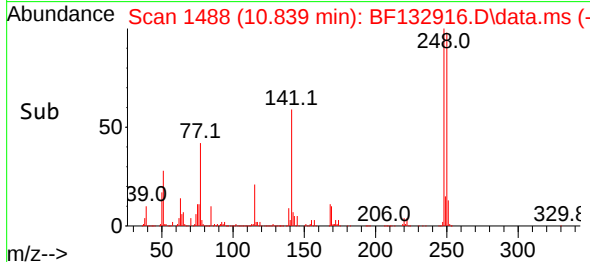
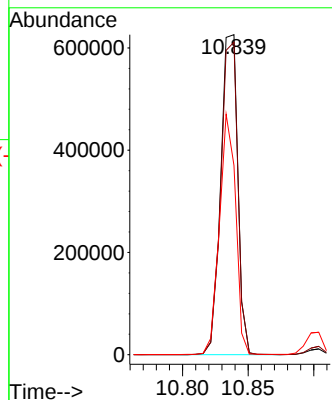
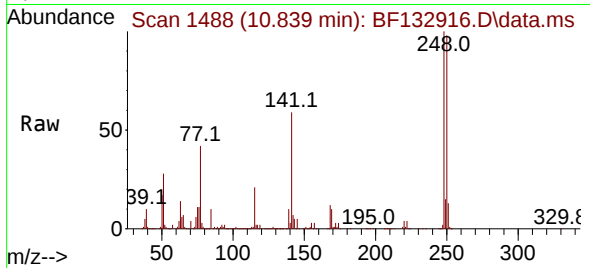




#67
4-Bromophenyl-phenylether
Concen: 42.291 ng
RT: 10.839 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

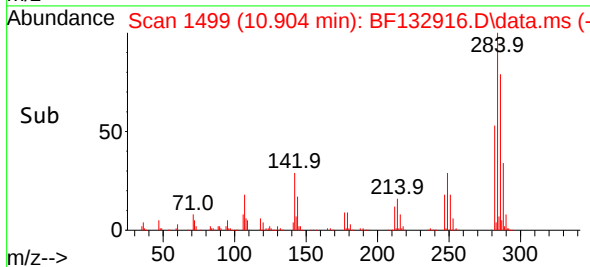
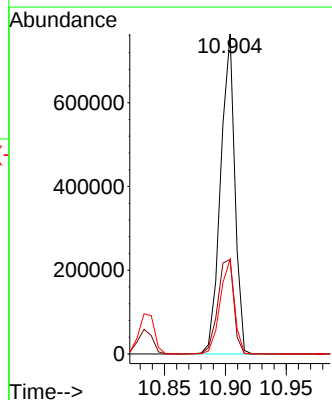
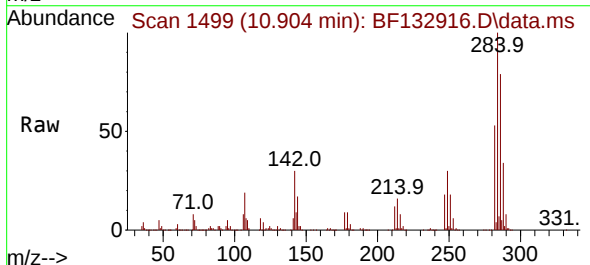
Instrument :
BNA_F
ClientSampleId :
PB152211BS

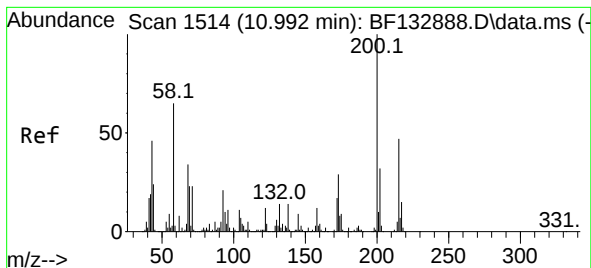
Tgt Ion:248 Resp: 566846
Ion Ratio Lower Upper
248 100
250 97.6 79.1 118.7
141 59.2 51.0 76.6



#68
Hexachlorobenzene
Concen: 44.801 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion:284 Resp: 622992
Ion Ratio Lower Upper
284 100
142 29.6 22.0 33.0
249 29.6 22.6 34.0





#69

Atrazine

Concen: 48.673 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

Instrument :

BNA_F

ClientSampleId :

PB152211BS

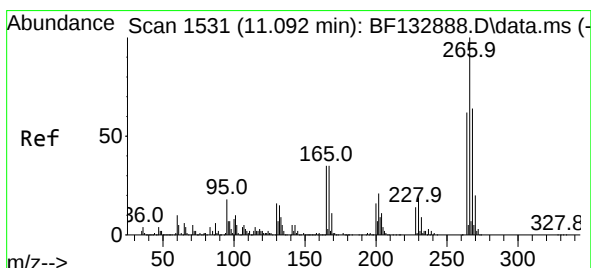
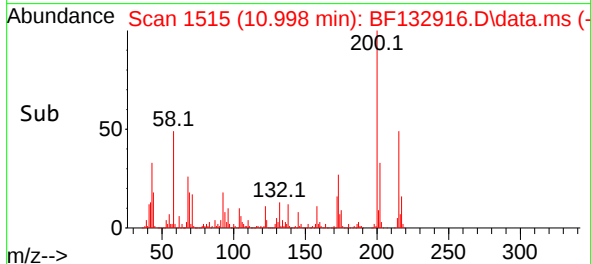
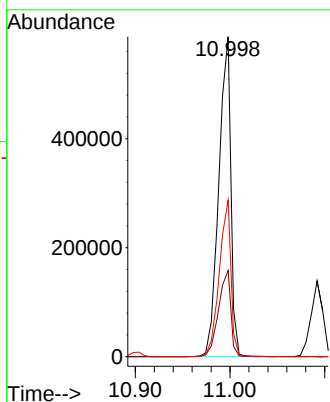
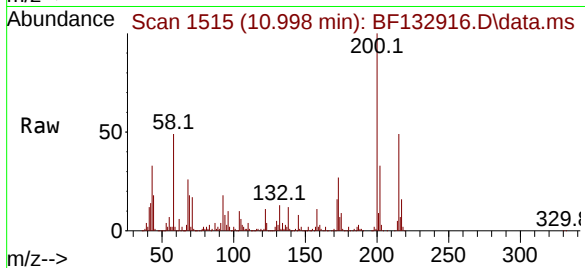
Tgt Ion:200 Resp: 520068

Ion Ratio Lower Upper

200 100

173 26.9 8.7 48.7

215 48.9 27.2 67.2



#70

Pentachlorophenol

Concen: 81.843 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

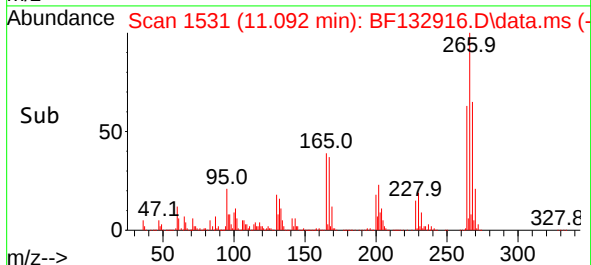
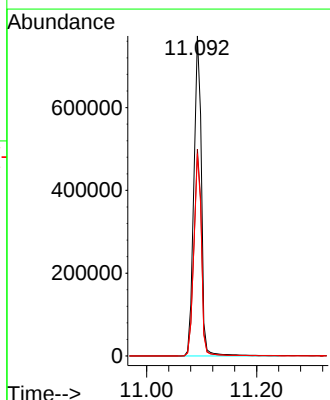
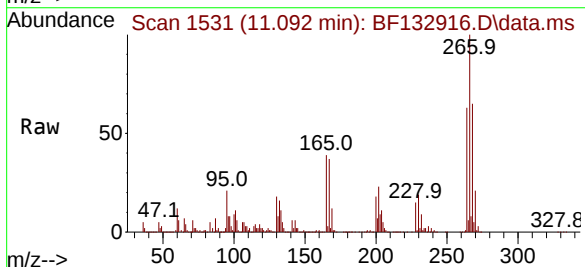
Tgt Ion:266 Resp: 734403

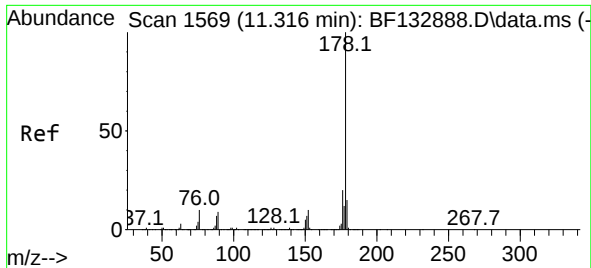
Ion Ratio Lower Upper

266 100

268 64.6 50.9 76.3

264 63.2 49.8 74.6

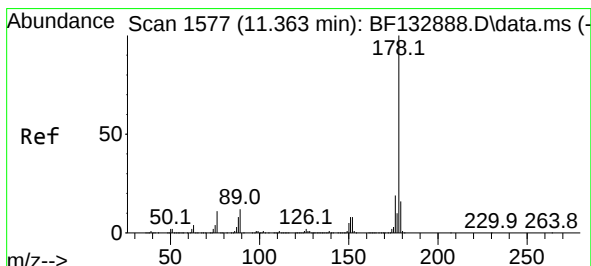
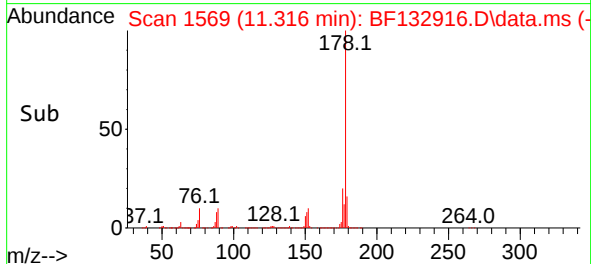
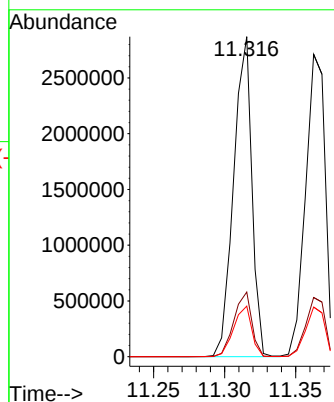
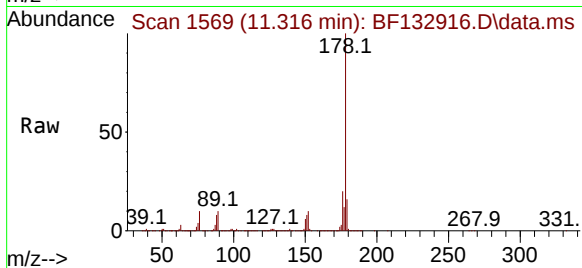




#71
Phenanthrene
Concen: 40.553 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

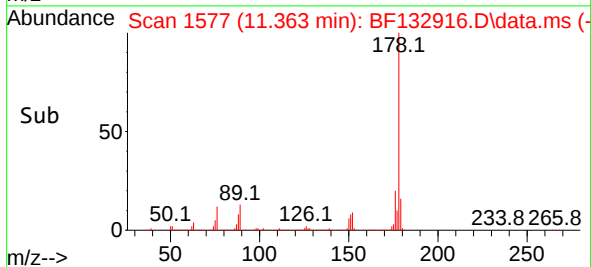
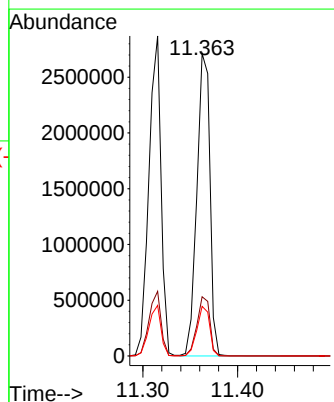
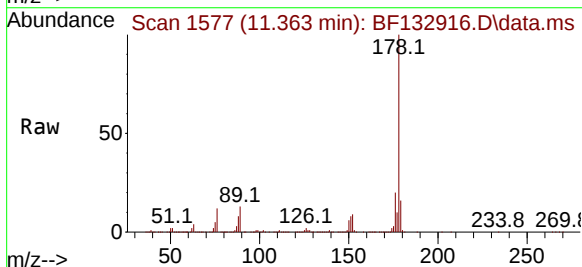
Instrument :
BNA_F
ClientSampleId :
PB152211BS

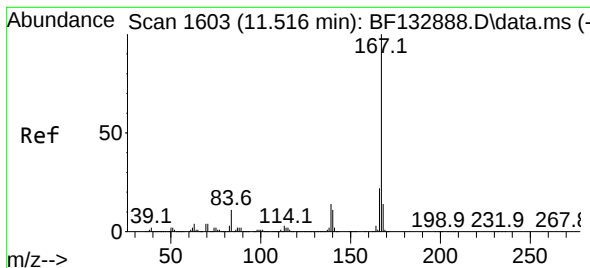
Tgt Ion:178 Resp: 2560405
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 15.8 12.3 18.5



#72
Anthracene
Concen: 40.347 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion:178 Resp: 2607708
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 16.4 12.8 19.2





#73

Carbazole

Concen: 42.016 ng

RT: 11.516 min Scan# 1603

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

Instrument :

BNA_F

ClientSampleId :

PB152211BS

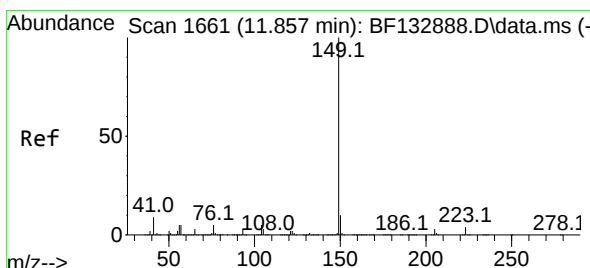
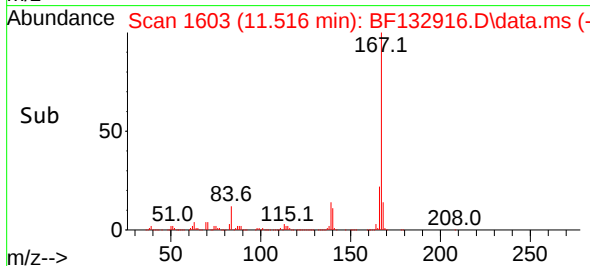
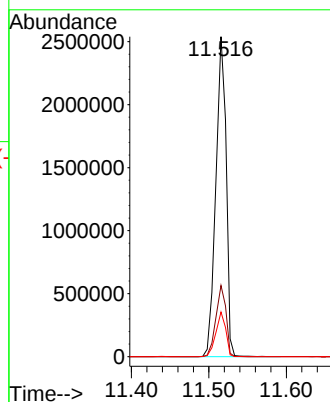
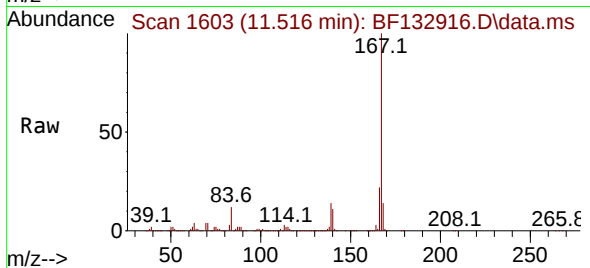
Tgt Ion:167 Resp: 2349660

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.2

139 14.0 11.0 16.4



#74

Di-n-butylphthalate

Concen: 46.255 ng

RT: 11.857 min Scan# 1661

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

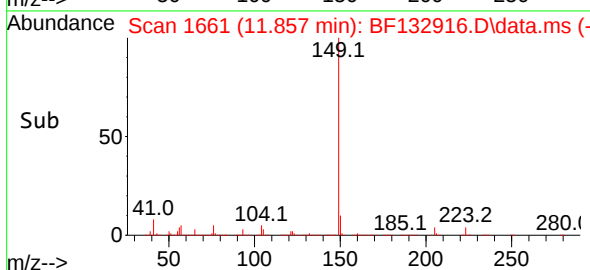
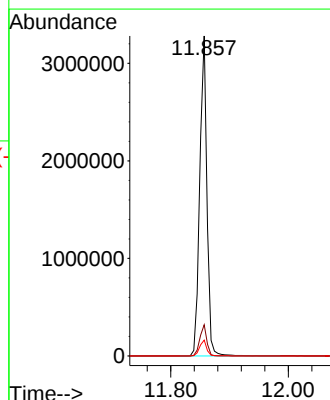
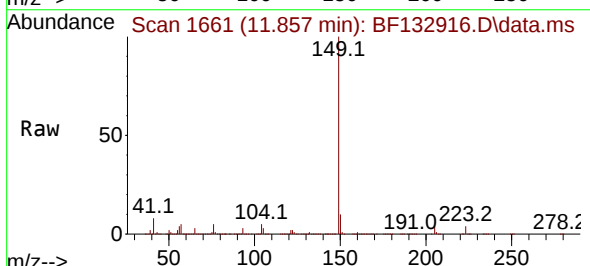
Tgt Ion:149 Resp: 2773010

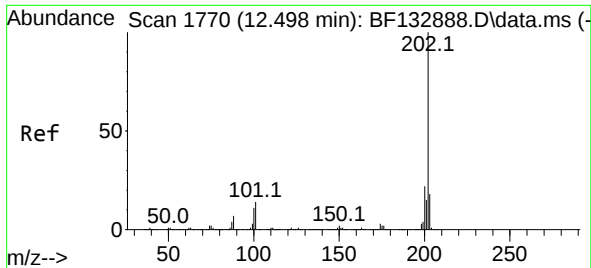
Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

104 5.0 4.2 6.2

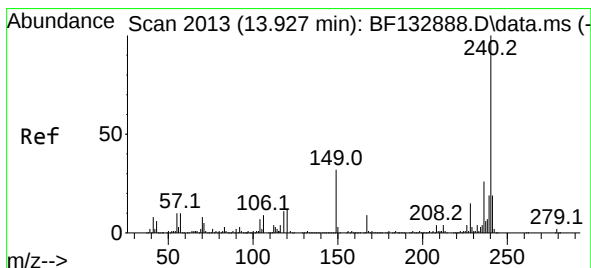
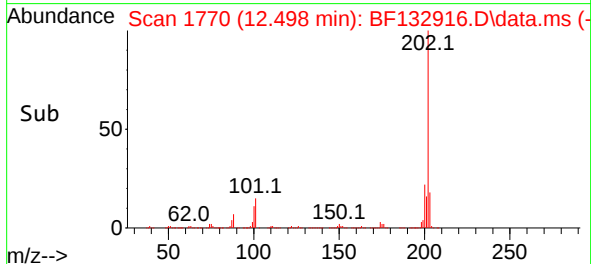
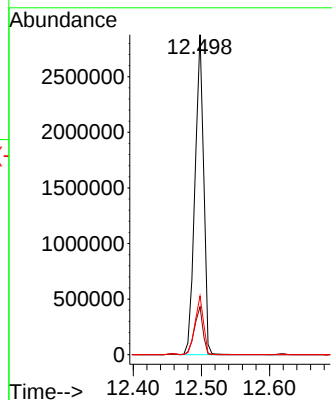
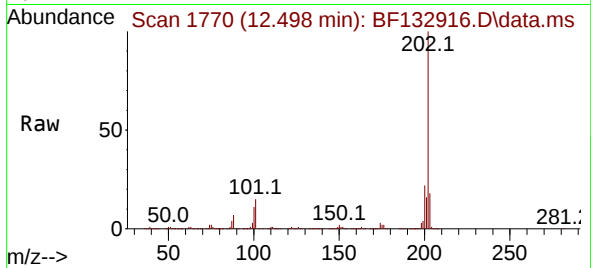




#75
Fluoranthene
Concen: 40.406 ng
RT: 12.498 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

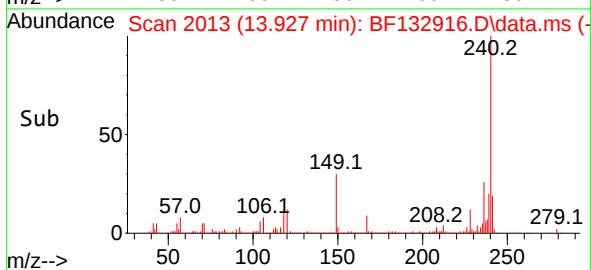
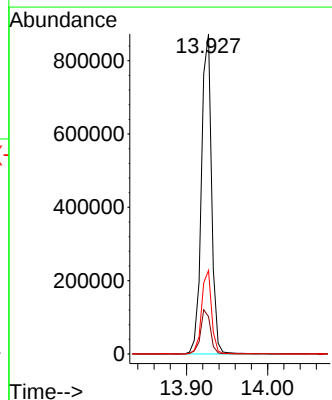
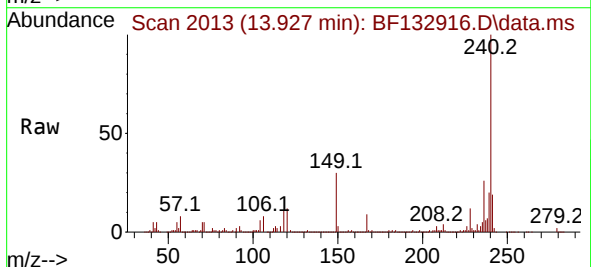
Instrument :
BNA_F
ClientSampleId :
PB152211BS

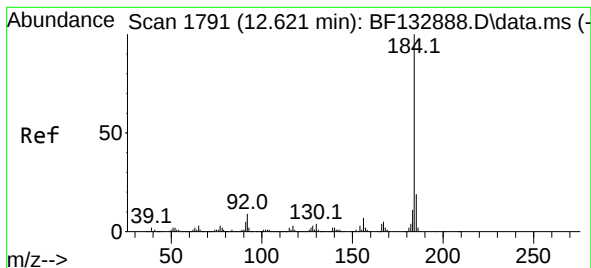
Tgt Ion:202 Resp: 2536894
Ion Ratio Lower Upper
202 100
101 15.0 0.0 34.5
203 18.4 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion:240 Resp: 760519
Ion Ratio Lower Upper
240 100
120 11.7 10.0 15.0
236 26.1 20.8 31.2





#77

Benzidine

Concen: 91.266 ng

RT: 12.621 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

Instrument :

BNA_F

ClientSampleId :

PB152211BS

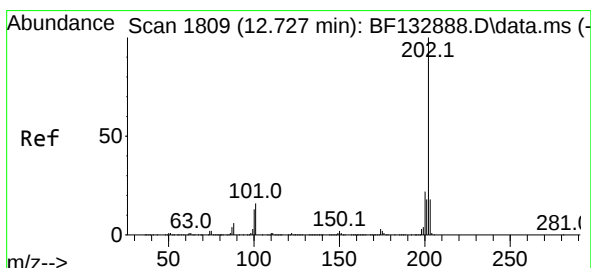
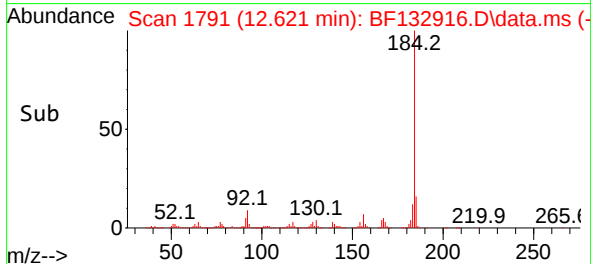
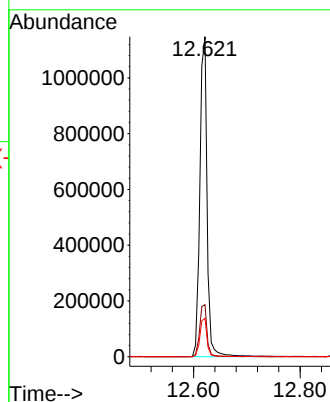
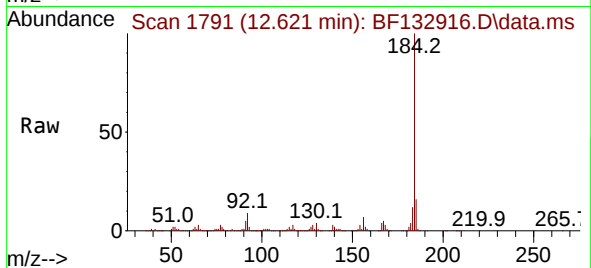
Tgt Ion:184 Resp: 1081232

Ion Ratio Lower Upper

184 100

185 16.2 14.9 22.3

183 12.0 9.0 13.6



#78

Pyrene

Concen: 41.759 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

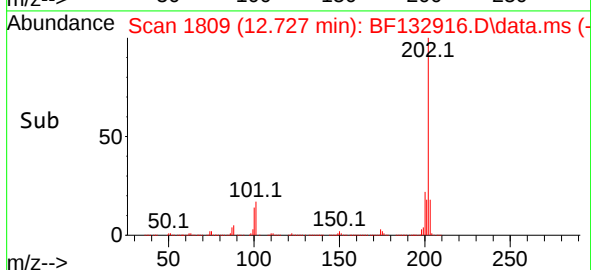
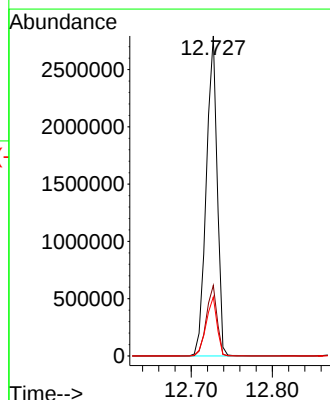
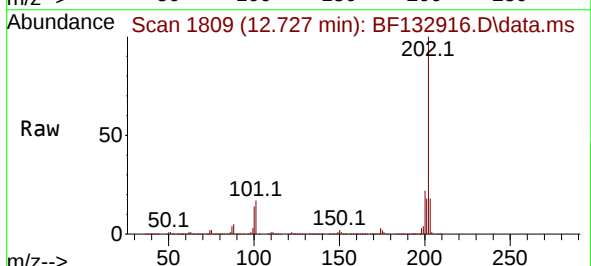
Tgt Ion:202 Resp: 2596853

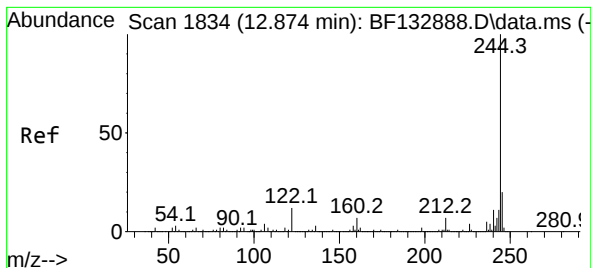
Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

203 18.5 14.6 22.0





#79

Terphenyl-d14

Concen: 69.997 ng

RT: 12.874 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

Instrument :

BNA_F

ClientSampleId :

PB152211BS

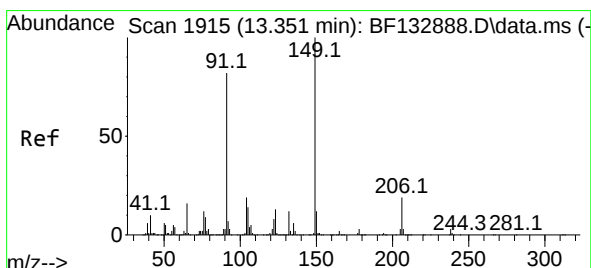
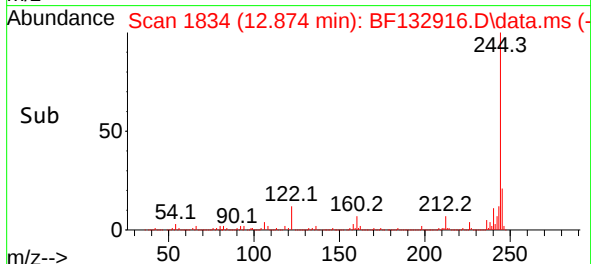
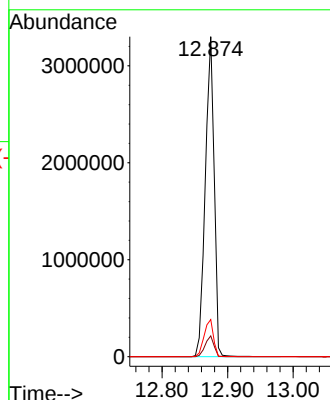
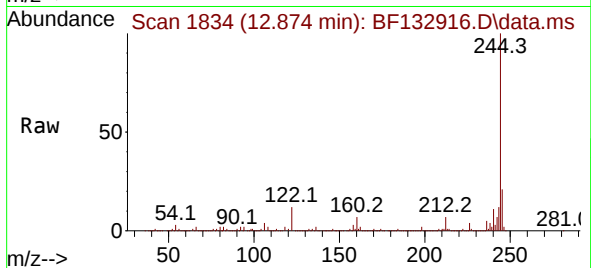
Tgt Ion:244 Resp: 3120286

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 11.6 9.6 14.4



#80

Butylbenzylphthalate

Concen: 56.443 ng

RT: 13.351 min Scan# 1915

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

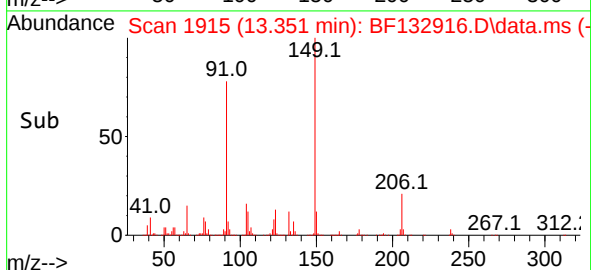
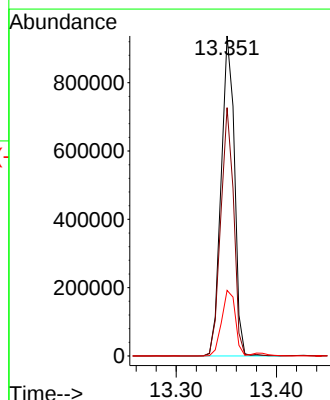
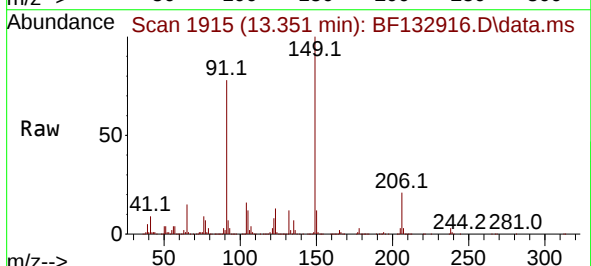
Tgt Ion:149 Resp: 862207

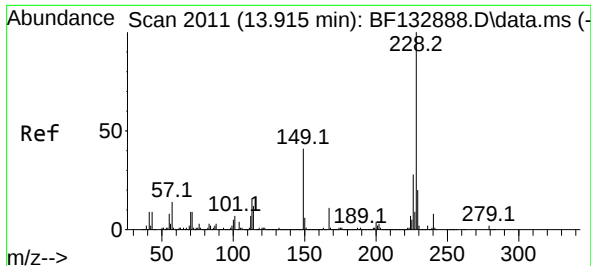
Ion Ratio Lower Upper

149 100

91 77.6 65.4 98.0

206 20.5 15.6 23.4





#81

Benzo(a)anthracene

Concen: 42.478 ng

RT: 13.915 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

Instrument :

BNA_F

ClientSampleId :

PB152211BS

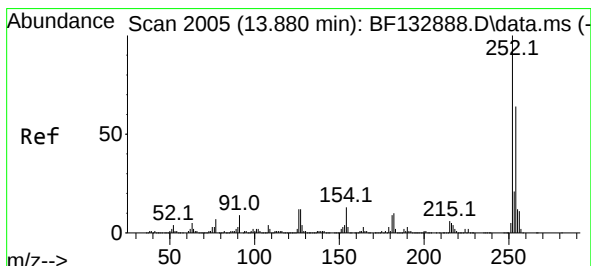
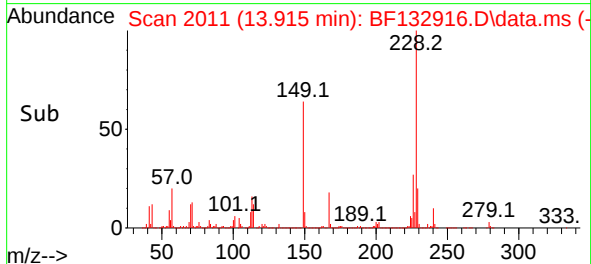
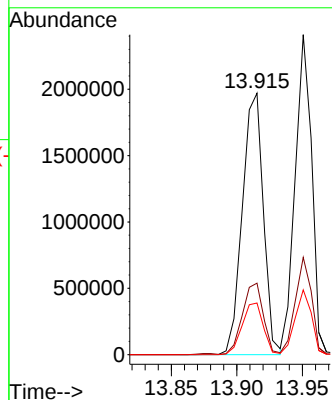
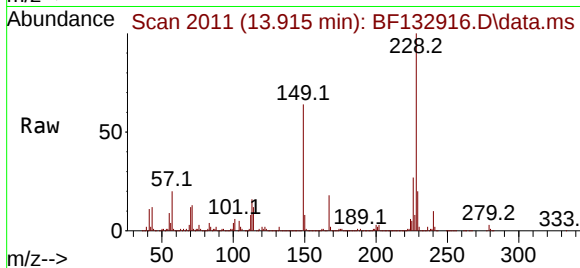
Tgt Ion:228 Resp: 2196981

Ion Ratio Lower Upper

228 100

226 27.3 22.4 33.6

229 19.8 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 41.433 ng

RT: 13.880 min Scan# 2005

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

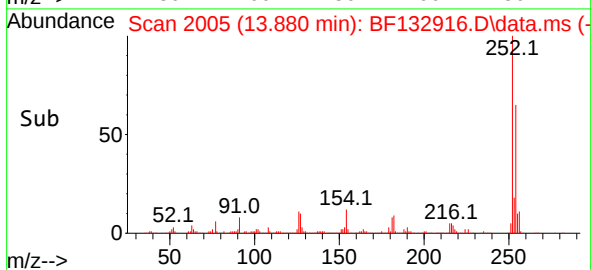
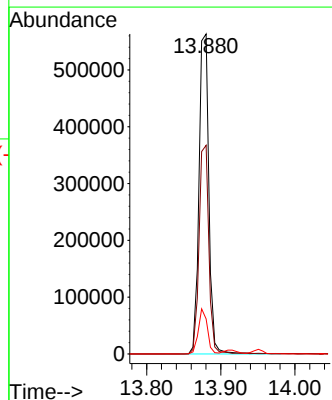
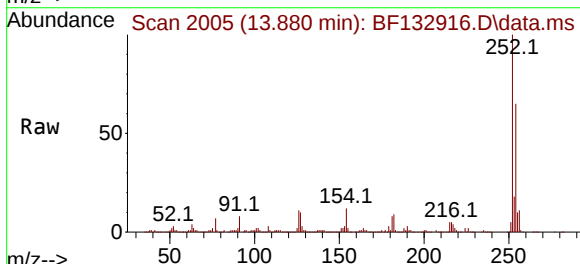
Tgt Ion:252 Resp: 518377

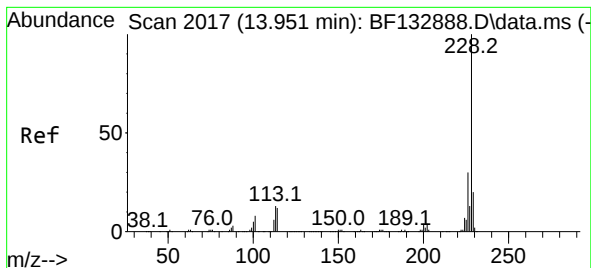
Ion Ratio Lower Upper

252 100

254 65.2 51.0 76.6

126 11.0 9.8 14.6





#83

Chrysene

Concen: 41.452 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

Instrument :

BNA_F

ClientSampleId :

PB152211BS

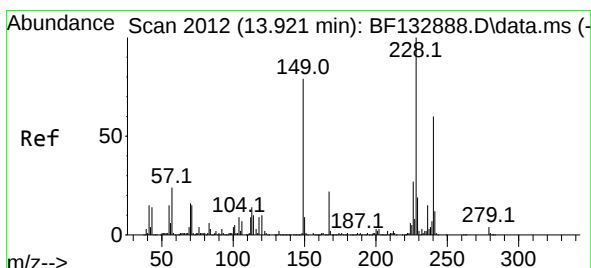
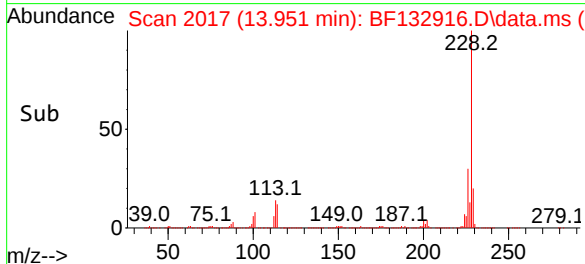
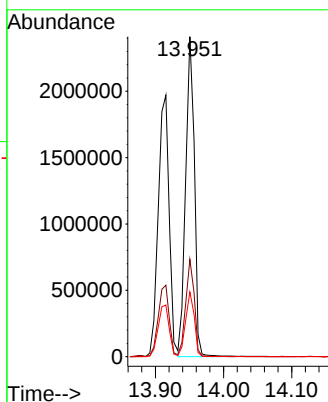
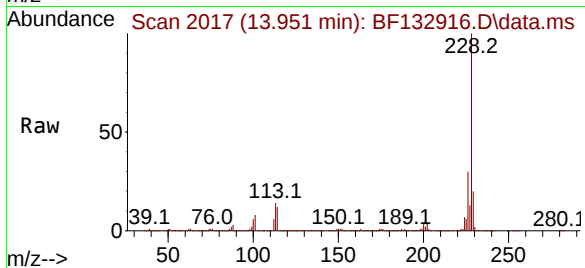
Tgt Ion:228 Resp: 2130935

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 20.3 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.577 ng

RT: 13.915 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

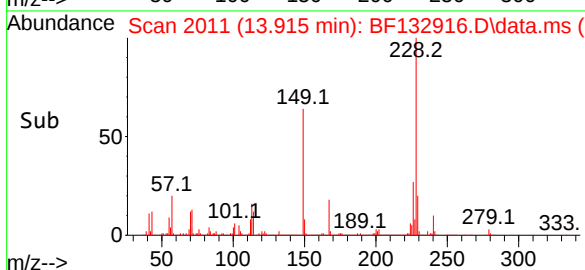
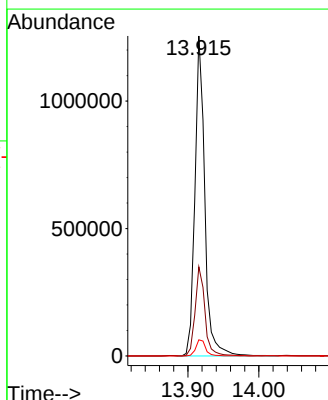
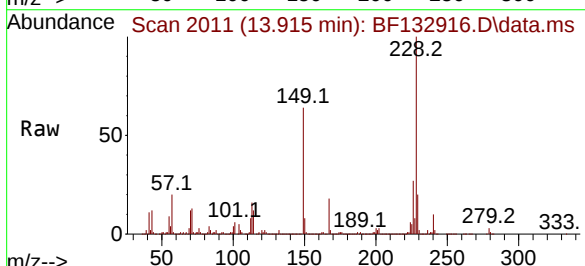
Tgt Ion:149 Resp: 1211284

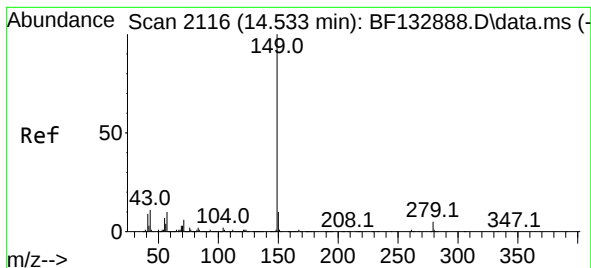
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

279 5.1 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 54.415 ng

RT: 14.527 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

Instrument :

BNA_F

ClientSampleId :

PB152211BS

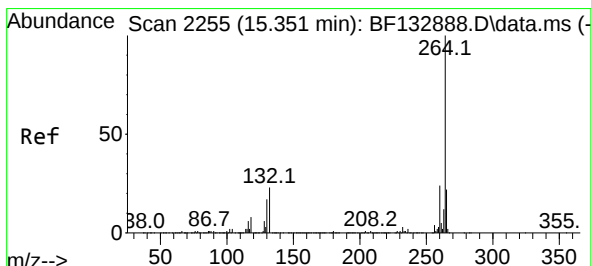
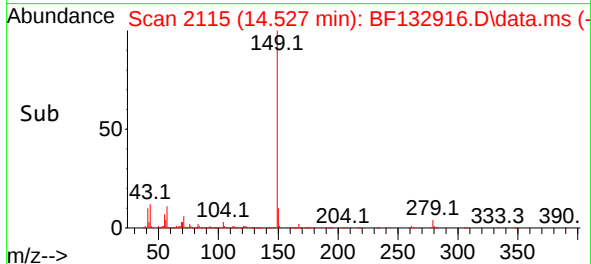
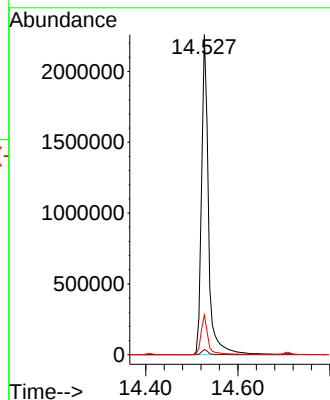
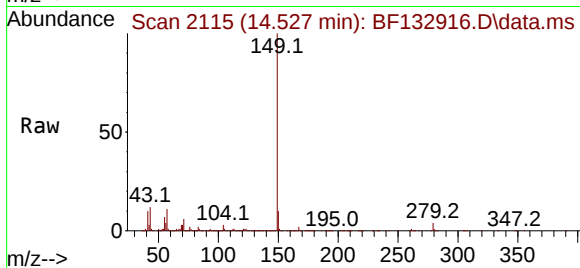
Tgt Ion:149 Resp: 2368590

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.4 11.5 17.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.351 min Scan# 2255

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

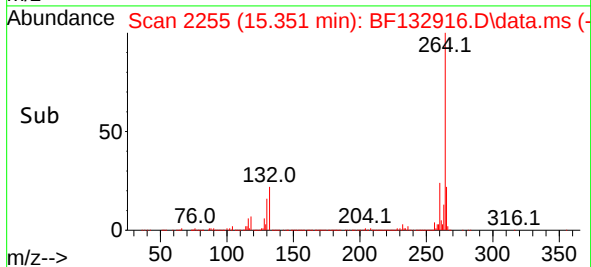
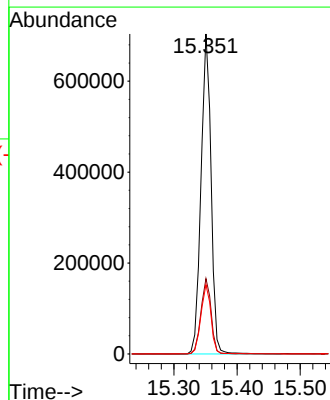
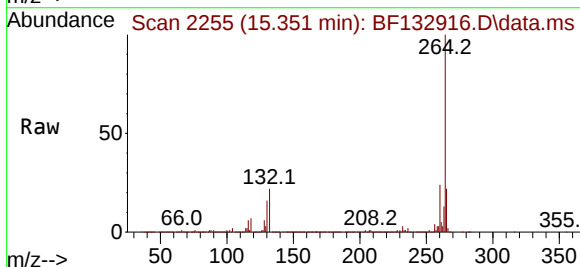
Tgt Ion:264 Resp: 776049

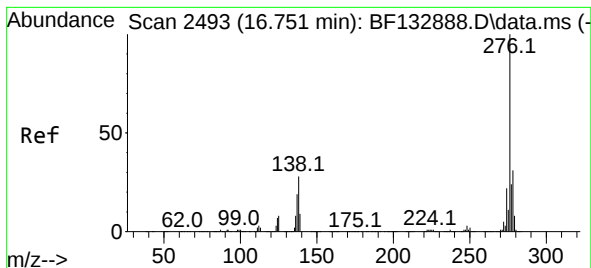
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.7 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.222 ng

RT: 16.750 min Scan# 2493

Delta R.T. -0.001 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

Instrument :

BNA_F

ClientSampleId :

PB152211BS

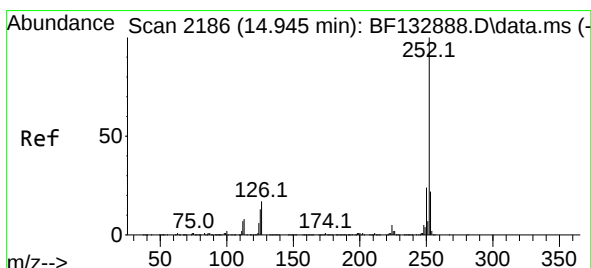
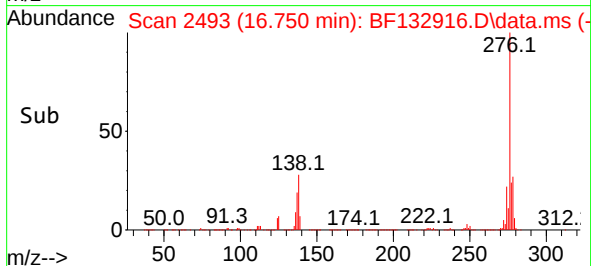
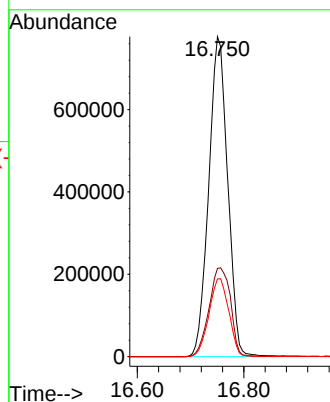
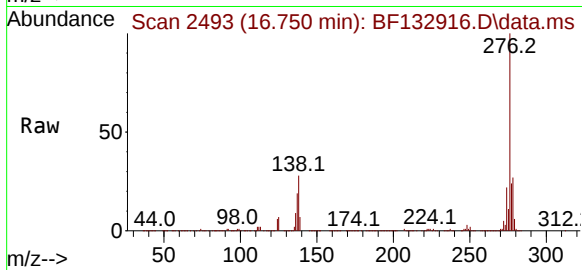
Tgt Ion:276 Resp: 1916630

Ion Ratio Lower Upper

276 100

138 31.5 25.5 38.3

277 25.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 44.433 ng

RT: 14.945 min Scan# 2186

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

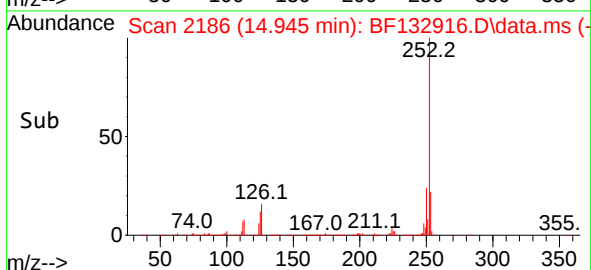
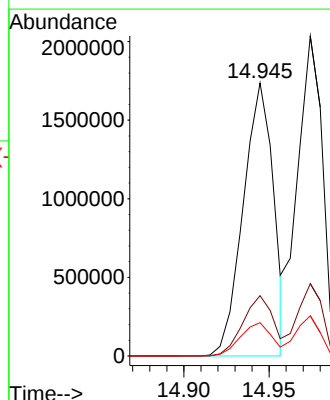
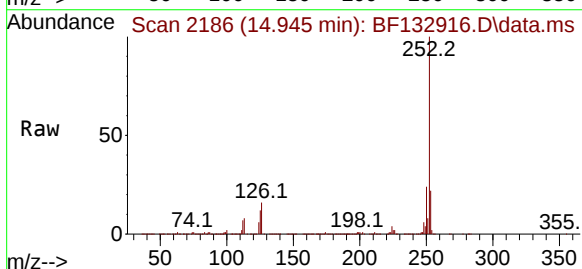
Tgt Ion:252 Resp: 2147903

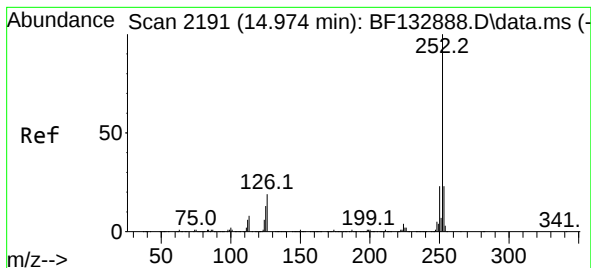
Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 12.2 10.0 15.0





#89

Benzo(k)fluoranthene

Concen: 43.928 ng

RT: 14.974 min Scan# 2191

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

Instrument :

BNA_F

ClientSampleId :

PB152211BS

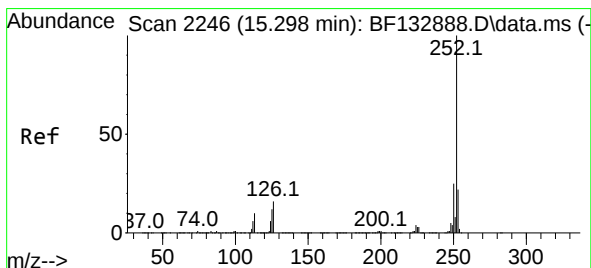
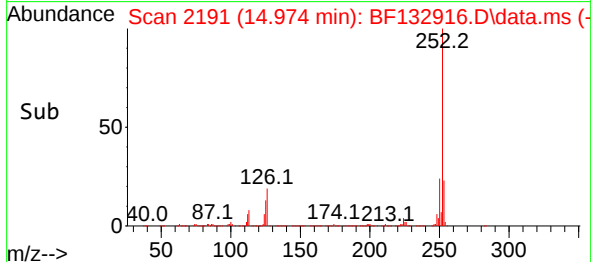
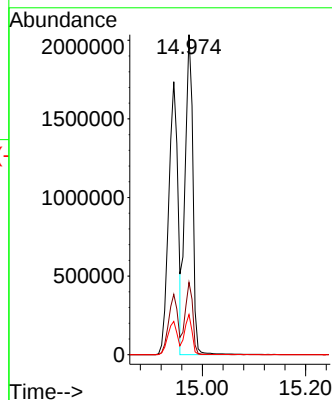
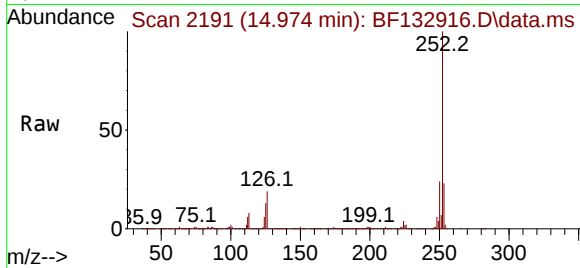
Tgt Ion:252 Resp: 2115364

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

125 12.6 10.0 15.0



#90

Benzo(a)pyrene

Concen: 41.280 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.000 min

Lab File: BF132916.D

Acq: 19 Apr 2023 17:24

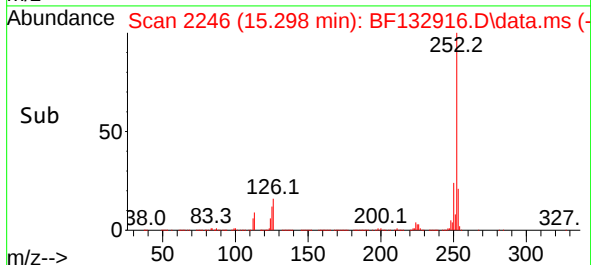
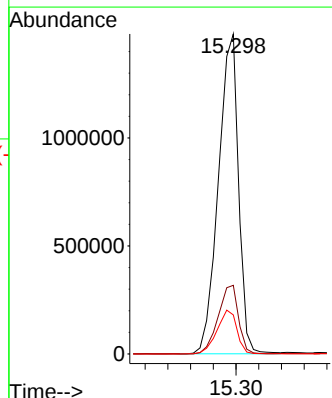
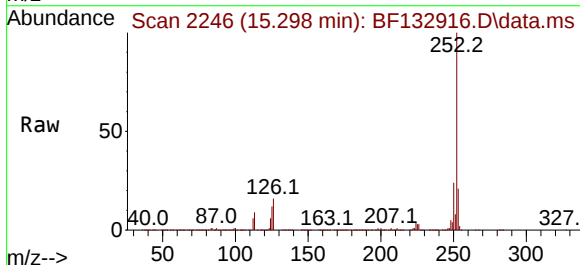
Tgt Ion:252 Resp: 1823076

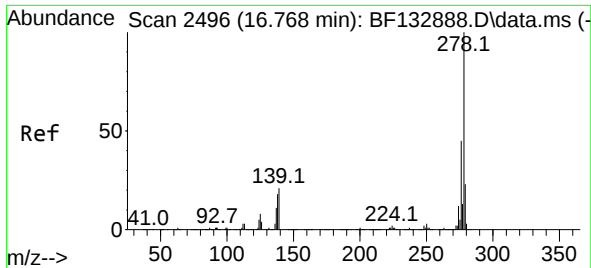
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 12.2 9.9 14.9

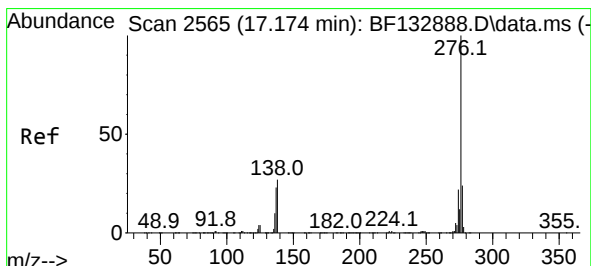
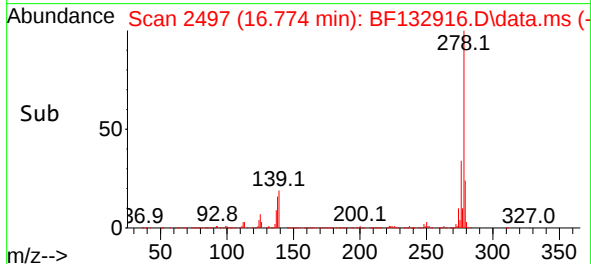
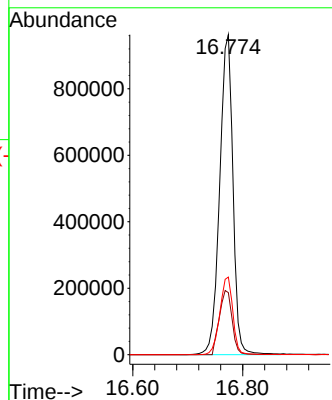
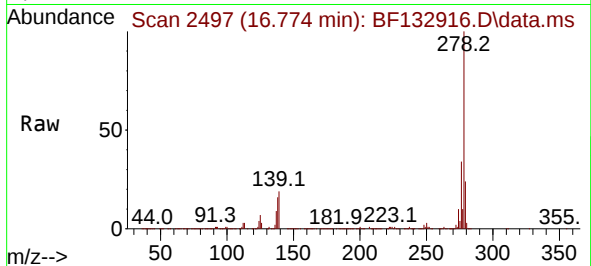




#91
Dibenzo(a,h)anthracene
Concen: 42.611 ng
RT: 16.774 min Scan# 2496
Delta R.T. 0.006 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Instrument :
BNA_F
ClientSampleId :
PB152211BS

Tgt Ion:278 Resp: 1610014
Ion Ratio Lower Upper
278 100
139 19.4 16.7 25.1
279 24.3 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 42.114 ng
RT: 17.174 min Scan# 2565
Delta R.T. -0.000 min
Lab File: BF132916.D
Acq: 19 Apr 2023 17:24

Tgt Ion:276 Resp: 1523547
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 27.8 21.7 32.5

