

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135668.D
 Acq On : 10 Oct 2023 00:15
 Operator : CG\JU
 Sample : 04731-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTP-1MSD

Quant Time: Oct 10 02:30:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	108114	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	417929	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	203336	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	344735	20.000	ng	0.00
76) Chrysene-d12	13.933	240	200558	20.000	ng	0.00
86) Perylene-d12	15.404	264	205889	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	847215	127.453	ng	0.03
7) Phenol-d6	6.398	99	979009	115.827	ng	0.01
23) Nitrobenzene-d5	7.310	82	712047	92.564	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	257743	127.553	ng	0.01
45) 2-Fluorobiphenyl	9.098	172	1243388	92.257	ng	0.00
79) Terphenyl-d14	12.868	244	1043932	80.690	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	139882	48.003	ng	# 82
3) Pyridine	3.398	79	277843	35.427	ng	97
4) n-Nitrosodimethylamine	3.328	42	221647	53.257	ng	93
6) Aniline	6.416	93	149158	13.457	ng	# 1
8) 2-Chlorophenol	6.534	128	364714	51.397	ng	99
9) Benzaldehyde	6.304	77	118593	24.629	ng	97
10) Phenol	6.410	94	384000	41.431	ng	98
11) bis(2-Chloroethyl)ether	6.487	93	380330	54.706	ng	98
12) 1,3-Dichlorobenzene	6.681	146	364031	50.479	ng	97
13) 1,4-Dichlorobenzene	6.757	146	371990	50.700	ng	98
14) 1,2-Dichlorobenzene	6.904	146	345422	50.696	ng	99
15) Benzyl Alcohol	6.898	79	300830	49.598	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.016	45	635784	48.517	ng	48
17) 2-Methylphenol	7.010	107	284599	45.449	ng	# 89
18) Hexachloroethane	7.239	117	135069	49.823	ng	93
19) n-Nitroso-di-n-propyla...	7.163	70	251267	47.994	ng	96
20) 3+4-Methylphenols	7.169	107	360973	47.940	ng	# 67
22) Acetophenone	7.157	105	501340	52.469	ng	# 90
24) Nitrobenzene	7.328	77	385292	50.675	ng	99
25) Isophorone	7.569	82	700843	49.616	ng	99
26) 2-Nitrophenol	7.645	139	192683	52.802	ng	94
27) 2,4-Dimethylphenol	7.686	122	280729	45.768	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	431601	51.050	ng	100
29) 2,4-Dichlorophenol	7.892	162	298376	52.497	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	306175	51.538	ng	99
31) Naphthalene	8.039	128	1024700	50.463	ng	99
32) Benzoic acid	7.845	122	214744	46.494	ng	96
33) 4-Chloroaniline	8.116	127	54841	6.156	ng	97
34) Hexachlorobutadiene	8.151	225	182034	50.817	ng	98
35) Caprolactam	8.486	113	60834	31.892	ng	90
36) 4-Chloro-3-methylphenol	8.604	107	309923	49.062	ng	96
37) 2-Methylnaphthalene	8.733	142	633886	46.440	ng	98
38) 1-Methylnaphthalene	8.833	142	601049	47.033	ng	97
40) 1,2,4,5-Tetrachloroben...	8.898	216	309792	52.589	ng	99
41) Hexachlorocyclopentadiene	8.880	237	82363	36.186	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	201080	52.134	ng	96

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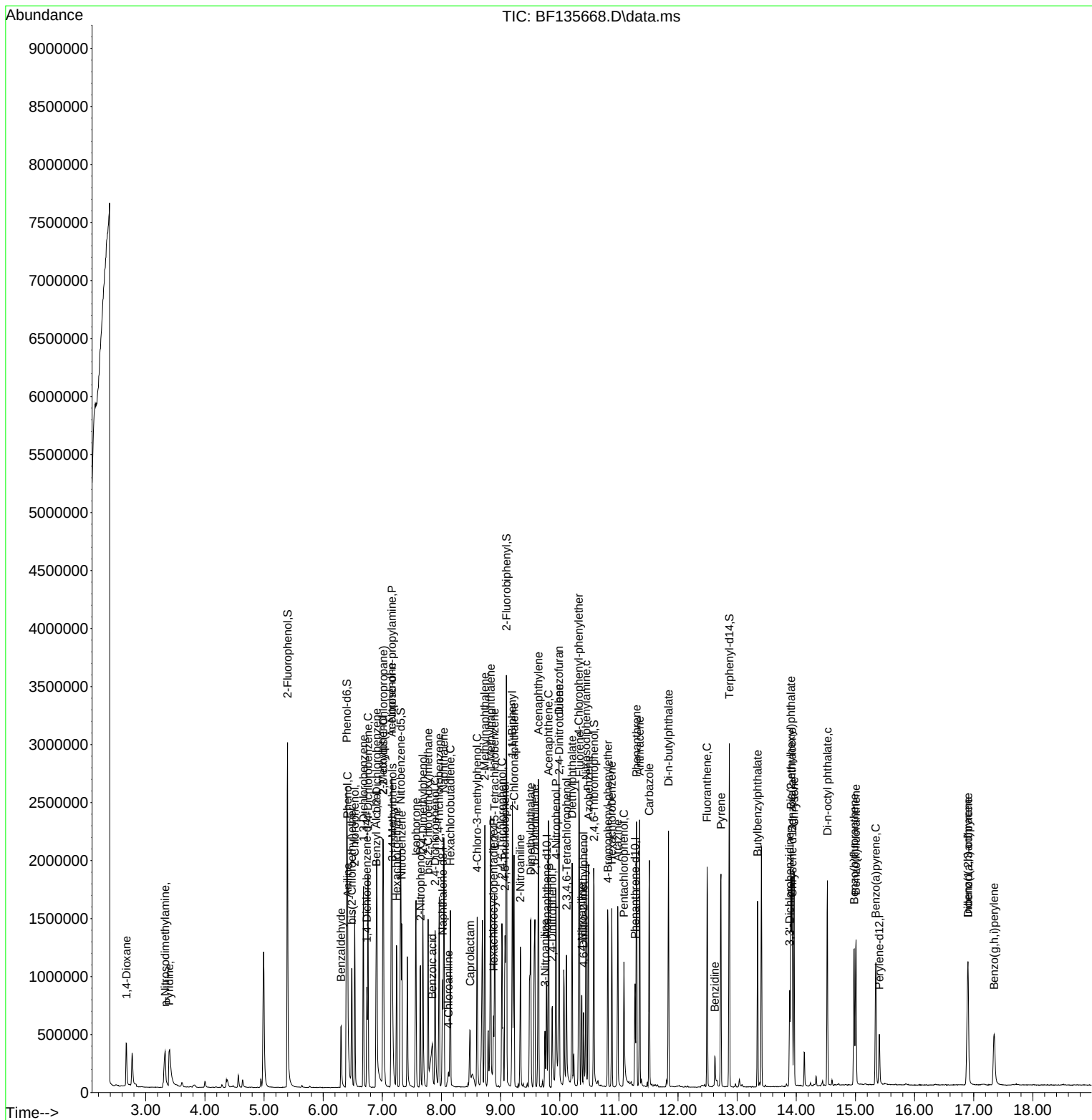
Instrument :
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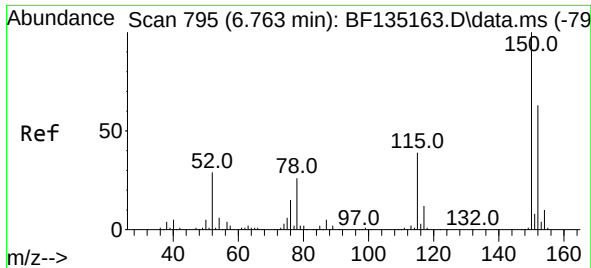
Quant Time: Oct 10 02:30:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	210767	47.452	ng	98
46) 1,1'-Biphenyl	9.198	154	806958	51.642	ng	99
47) 2-Chloronaphthalene	9.228	162	587082	51.782	ng	97
48) 2-Nitroaniline	9.333	65	223361	50.711	ng	97
49) Acenaphthylene	9.639	152	953568	50.608	ng	99
50) Dimethylphthalate	9.510	163	698231	50.789	ng	99
51) 2,6-Dinitrotoluene	9.580	165	150157	49.859	ng	90
52) Acenaphthene	9.810	154	560040	50.314	ng	96
53) 3-Nitroaniline	9.751	138	75027	21.223	ng	95
54) 2,4-Dinitrophenol	9.875	184	110722	65.951	ng	96
55) Dibenzofuran	9.986	168	822524	48.424	ng	97
56) 4-Nitrophenol	9.939	139	147729	65.752	ng	97
57) 2,4-Dinitrotoluene	9.992	165	184304	48.883	ng	95
58) Fluorene	10.333	166	635744	48.686	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	165627	48.475	ng	99
60) Diethylphthalate	10.210	149	688690	49.916	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	309636	49.363	ng	96
62) 4-Nitroaniline	10.374	138	134254	39.508	ng	98
63) Azobenzene	10.486	77	660019	48.880	ng	99
65) 4,6-Dinitro-2-methylph...	10.404	198	76028	41.523	ng	97
66) n-Nitrosodiphenylamine	10.445	169	584599	56.014	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	187454	54.673	ng	100
68) Hexachlorobenzene	10.880	284	196037	56.123	ng	# 91
69) Atrazine	10.980	200	182566	65.011	ng	99
70) Pentachlorophenol	11.086	266	165299	79.096	ng	99
71) Phenanthrene	11.298	178	839554	51.492	ng	99
72) Anthracene	11.351	178	855173	51.027	ng	99
73) Carbazole	11.516	167	813068	53.294	ng	99
74) Di-n-butylphthalate	11.839	149	1025818	57.062	ng	99
75) Fluoranthene	12.492	202	812067	47.799	ng	99
77) Benzidine	12.621	184	125740	30.603	ng	99
78) Pyrene	12.727	202	816554	42.763	ng	99
80) Butylbenzylphthalate	13.345	149	351530	52.288	ng	96
81) Benzo(a)anthracene	13.927	228	678751	52.411	ng	100
82) 3,3'-Dichlorobenzidine	13.886	252	167027	41.291	ng	# 98
83) Chrysene	13.963	228	633981	49.238	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	479739	69.539	ng	99
85) Di-n-octyl phthalate	14.527	149	798123	72.797	ng	100
87) Indeno(1,2,3-cd)pyrene	16.904	276	534597	39.601	ng	99
88) Benzo(b)fluoranthene	14.980	252	617861	55.436	ng	99
89) Benzo(k)fluoranthene	15.009	252	567183	51.516	ng	99
90) Benzo(a)pyrene	15.345	252	519233	48.852	ng	98
91) Dibenzo(a,h)anthracene	16.904	278	439558	39.795	ng	97
92) Benzo(g,h,i)perylene	17.345	276	415801	36.045	ng	99

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

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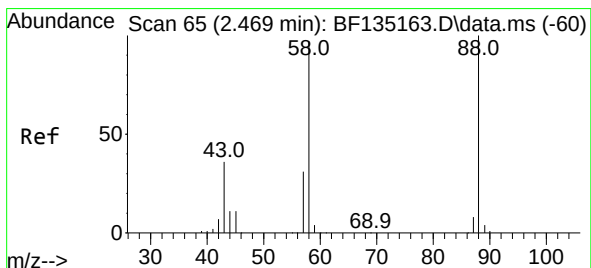
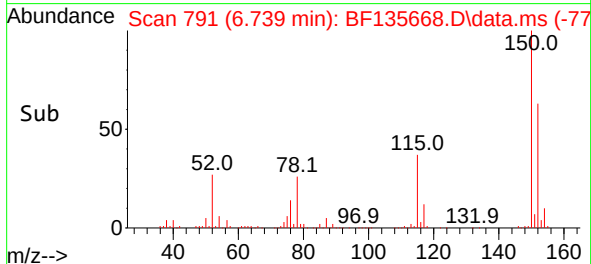
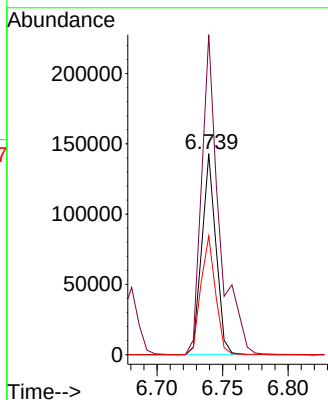
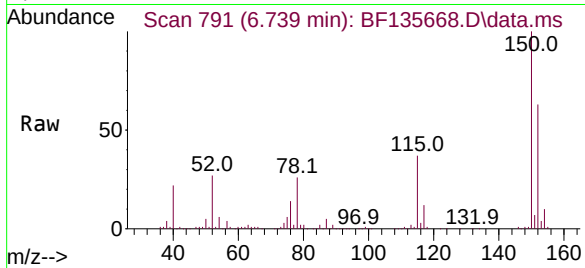




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135668.D
 Acq: 10 Oct 2023 00:15

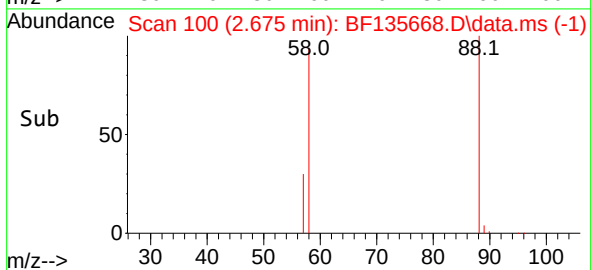
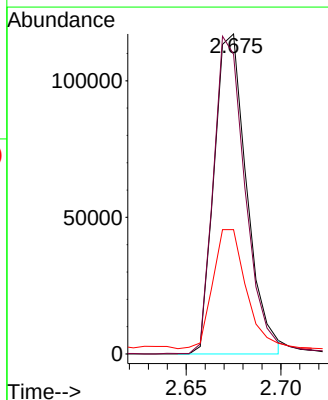
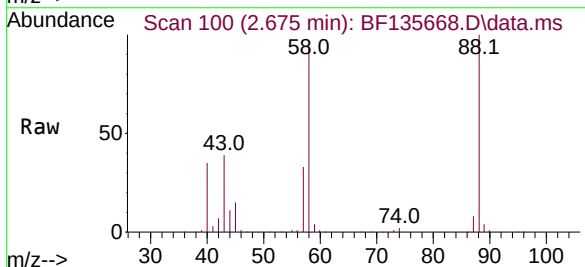
Instrument :
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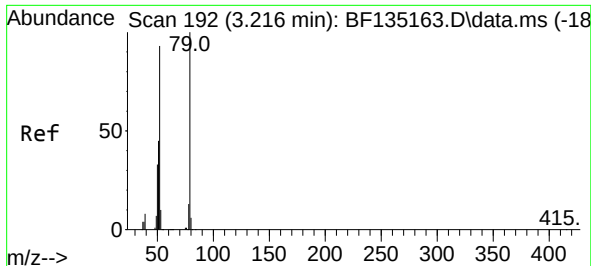
Tgt Ion:152 Resp: 108114
 Ion Ratio Lower Upper
 152 100
 150 159.2 127.8 191.6
 115 59.0 49.8 74.8



#2
 1,4-Dioxane
 Concen: 48.003 ng
 RT: 2.675 min Scan# 100
 Delta R.T. 0.253 min
 Lab File: BF135668.D
 Acq: 10 Oct 2023 00:15

Tgt Ion: 88 Resp: 139882
 Ion Ratio Lower Upper
 88 100
 58 96.5 78.3 117.5
 43 0.0 29.4 44.0#

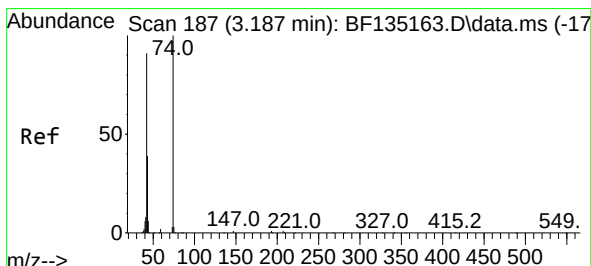
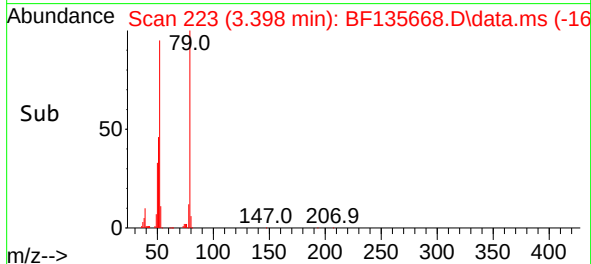
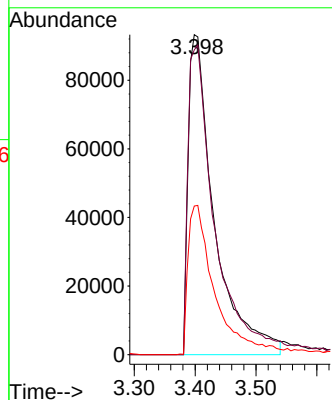
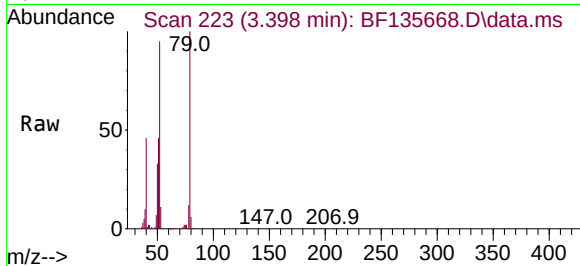




#3
 Pyridine
 Concen: 35.427 ng
 RT: 3.398 min Scan# 211
 Delta R.T. 0.235 min
 Lab File: BF135668.D
 Acq: 10 Oct 2023 00:15

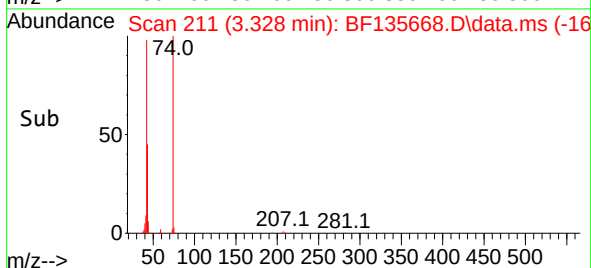
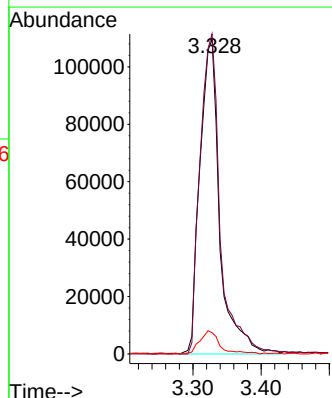
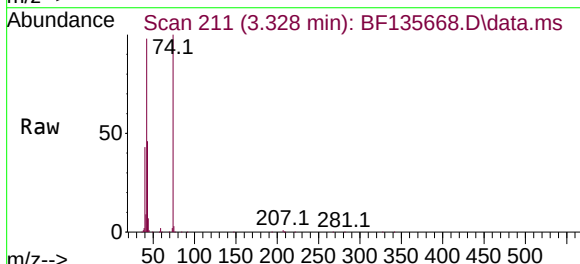
Instrument :
 BNA_F
 ClientSampleId :
 DTP-1MSD

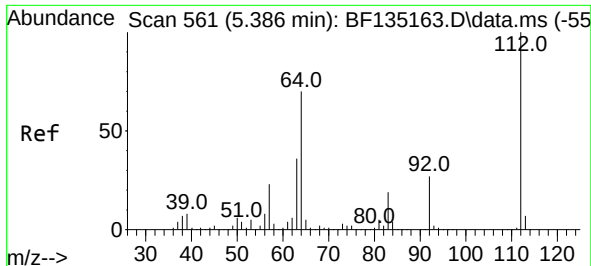
Tgt Ion: 79 Resp: 277843
 Ion Ratio Lower Upper
 79 100
 52 95.2 74.1 111.1
 51 46.4 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 53.257 ng
 RT: 3.328 min Scan# 211
 Delta R.T. 0.194 min
 Lab File: BF135668.D
 Acq: 10 Oct 2023 00:15

Tgt Ion: 42 Resp: 221647
 Ion Ratio Lower Upper
 42 100
 74 101.7 87.7 131.5
 44 6.8 5.6 8.4

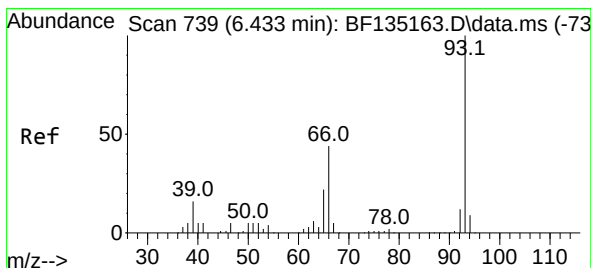
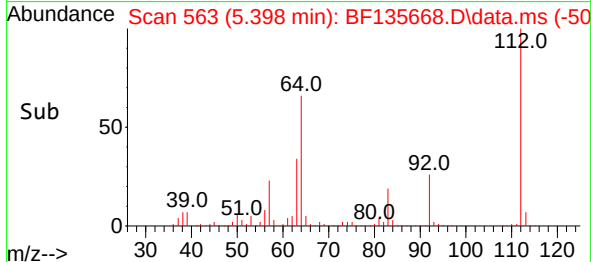
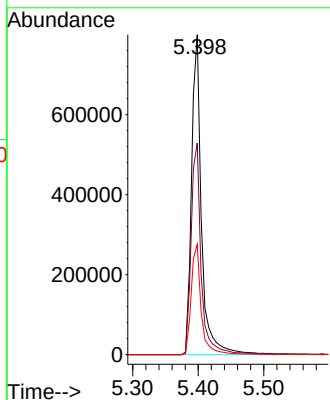
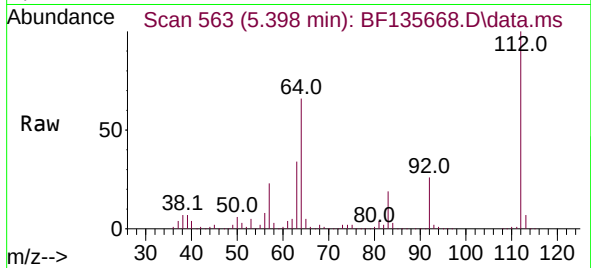




#5
2-Fluorophenol
Concen: 127.453 ng
RT: 5.398 min Scan# 50
Delta R.T. 0.029 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

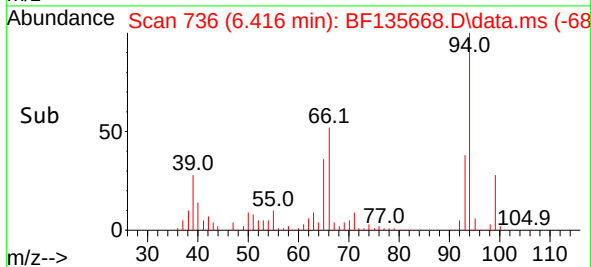
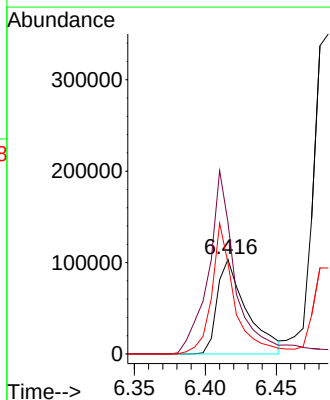
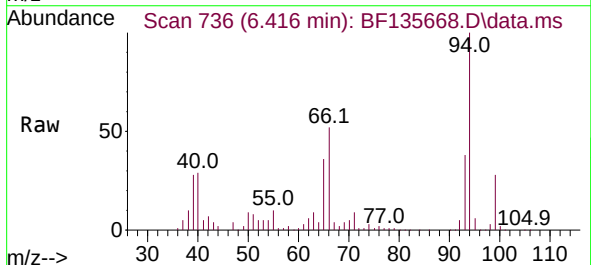
Instrument :
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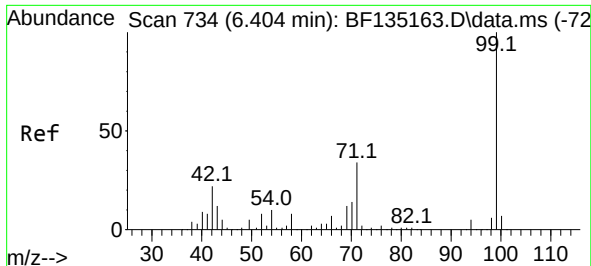
Tgt Ion:112 Resp: 847215
Ion Ratio Lower Upper
112 100
64 66.2 55.9 83.9
63 34.5 29.0 43.6



#6
Aniline
Concen: 13.457 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion: 93 Resp: 149158
Ion Ratio Lower Upper
93 100
66 139.2 35.4 53.0#
65 96.0 17.8 26.8#

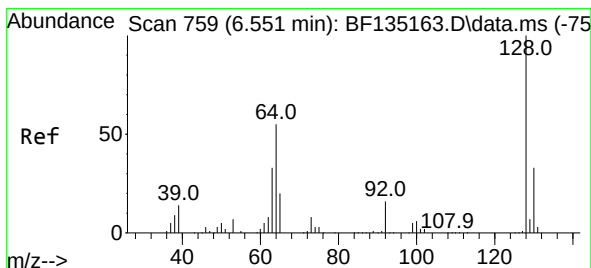
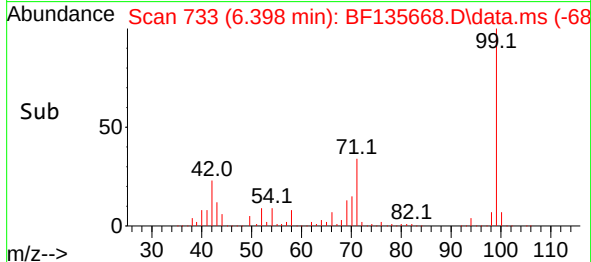
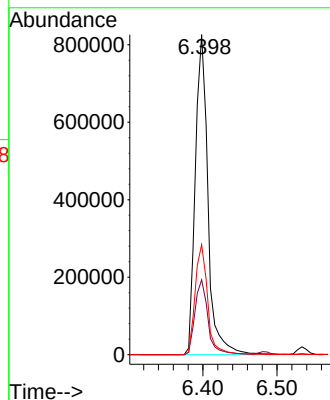
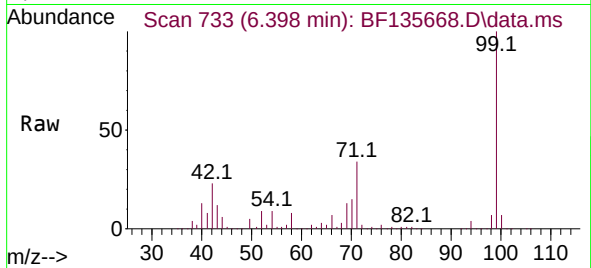




#7
Phenol-d6
Concen: 115.827 ng
RT: 6.398 min Scan# 711
Delta R.T. 0.012 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

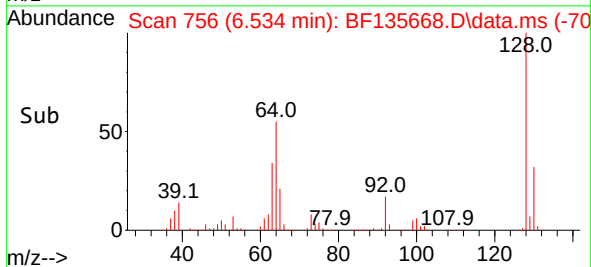
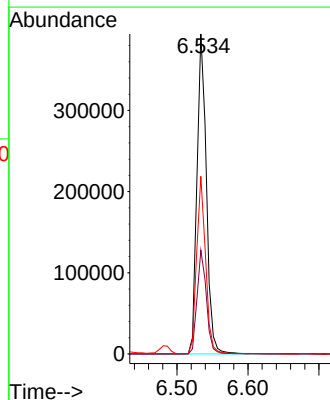
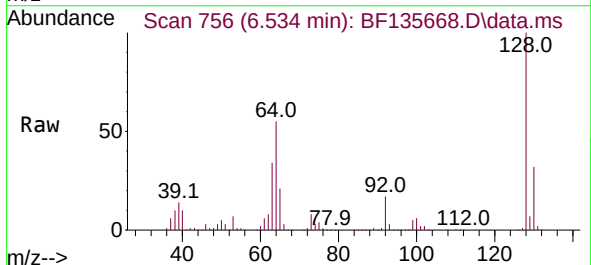
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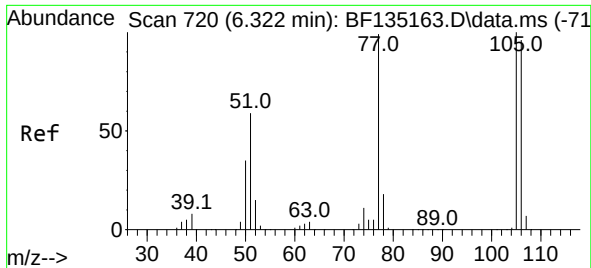
Tgt Ion: 99 Resp: 979009
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 34.4 27.0 40.6



#8
2-Chlorophenol
Concen: 51.397 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion:128 Resp: 364714
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 55.5 35.9 75.9





#9

Benzaldehyde

Concen: 24.629 ng

RT: 6.304 min Scan# 717

Delta R.T. 0.006 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

Instrument :

BNA_F

ClientSampleId :

DTP-1MSD

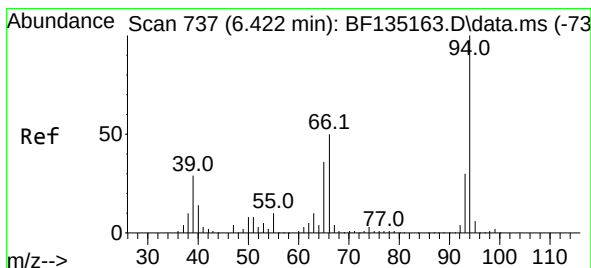
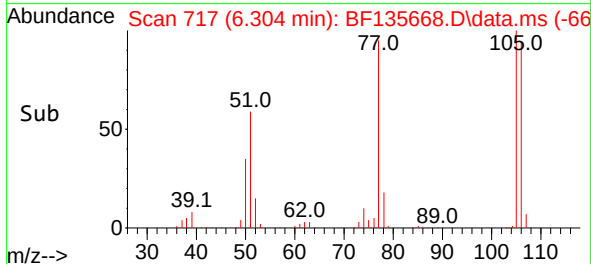
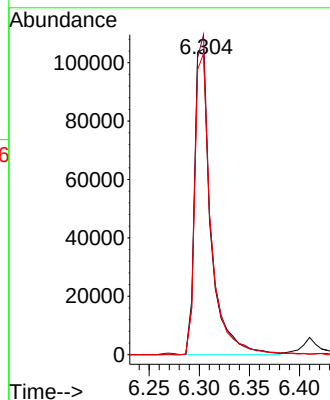
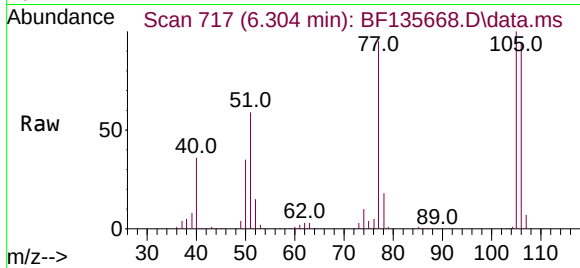
Tgt Ion: 77 Resp: 118593

Ion Ratio Lower Upper

77 100

105 104.8 81.4 121.4

106 98.5 76.9 116.9



#10

Phenol

Concen: 41.431 ng

RT: 6.410 min Scan# 735

Delta R.T. 0.006 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

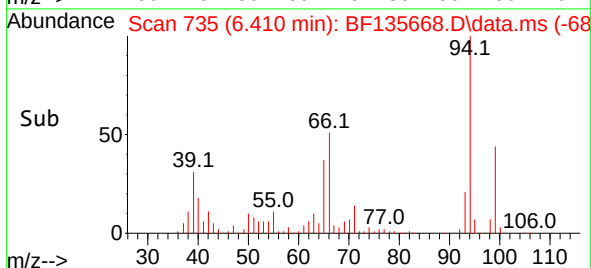
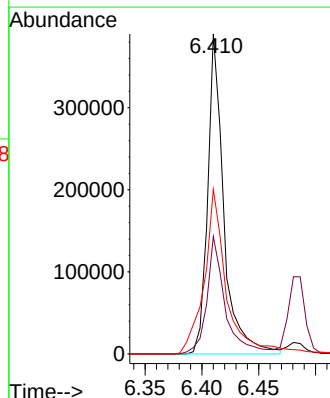
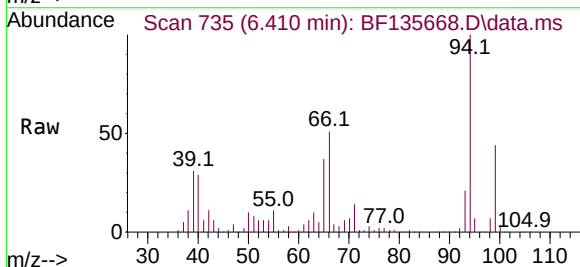
Tgt Ion: 94 Resp: 384000

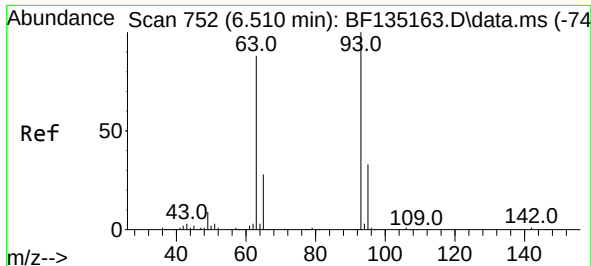
Ion Ratio Lower Upper

94 100

65 36.7 15.9 55.9

66 51.4 29.8 69.8

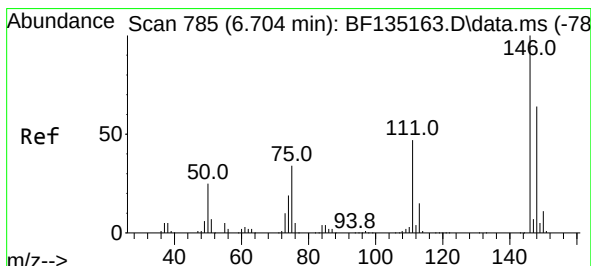
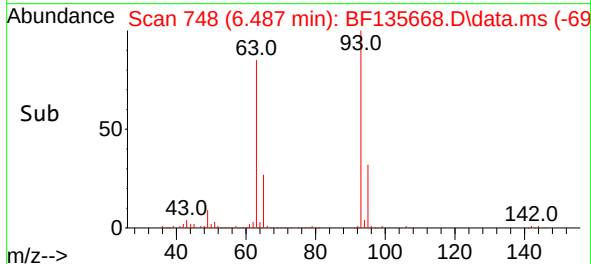
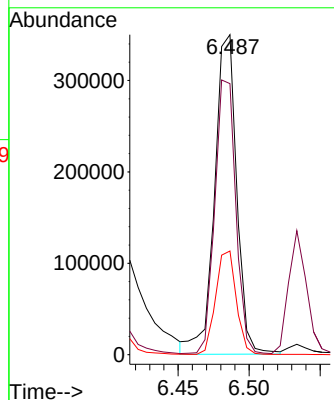
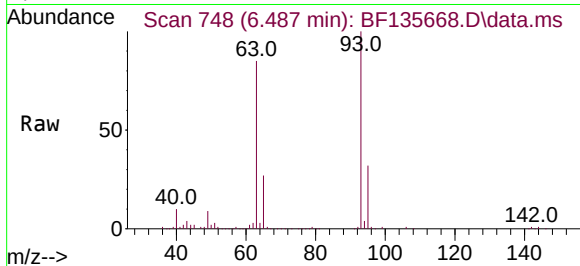




#11
bis(2-Chloroethyl)ether
Concen: 54.706 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

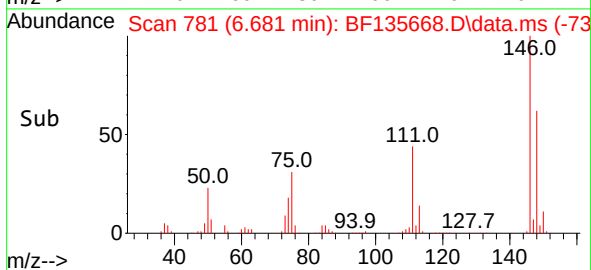
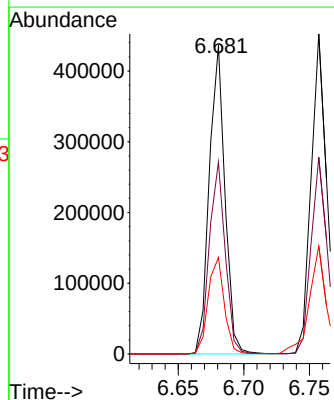
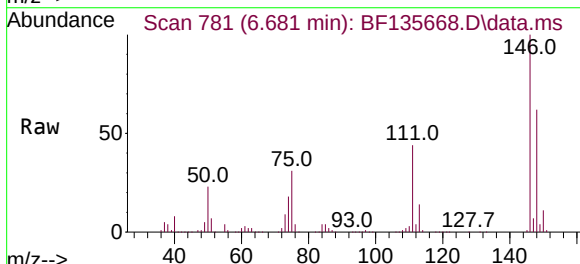
Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

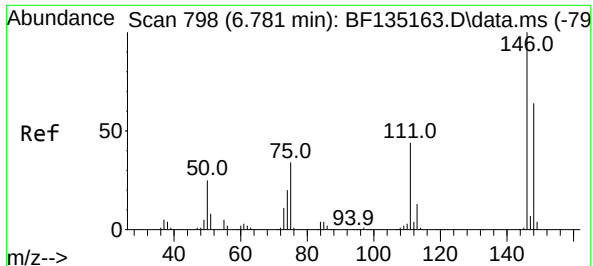
Tgt Ion: 93 Resp: 380330
Ion Ratio Lower Upper
93 100
63 84.7 67.3 107.3
95 32.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 50.479 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion:146 Resp: 364031
Ion Ratio Lower Upper
146 100
148 62.3 51.3 76.9
75 31.3 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 50.700 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

Instrument :

BNA_F

ClientSampleId :

DTP-1MSD

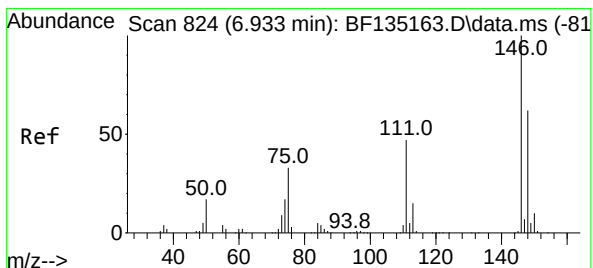
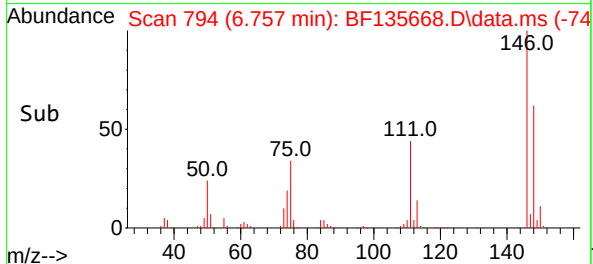
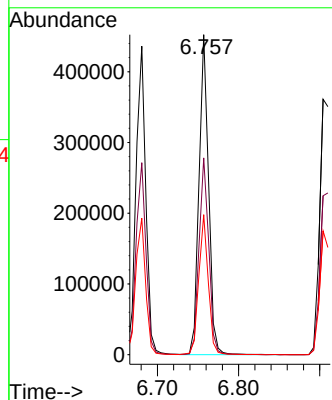
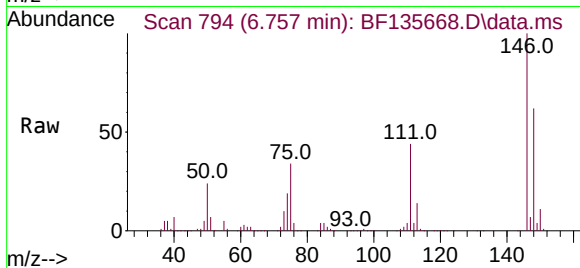
Tgt Ion:146 Resp: 371990

Ion Ratio Lower Upper

146 100

148 61.5 51.3 76.9

111 43.8 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 50.696 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

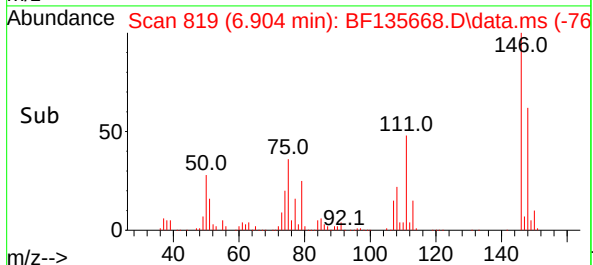
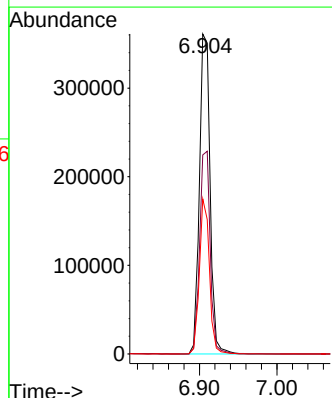
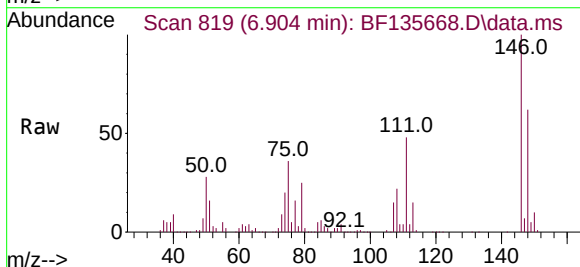
Tgt Ion:146 Resp: 345422

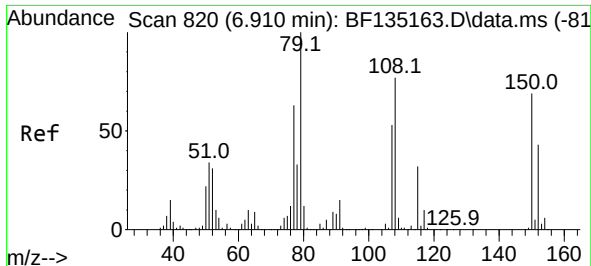
Ion Ratio Lower Upper

146 100

148 62.2 49.7 74.5

111 48.5 37.4 56.2

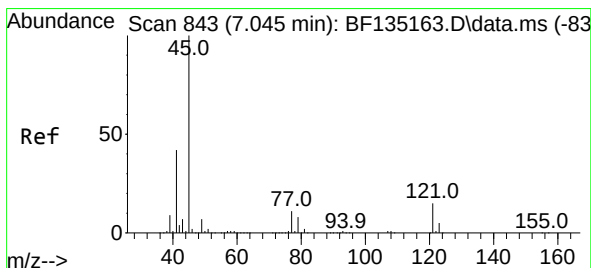
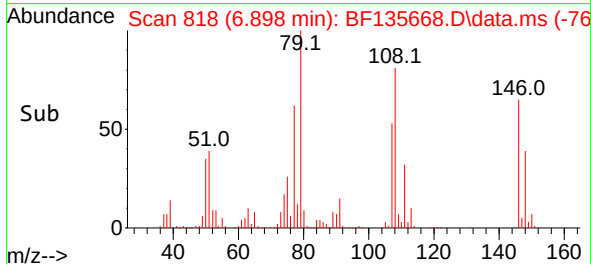
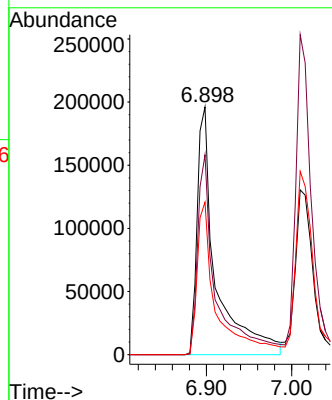
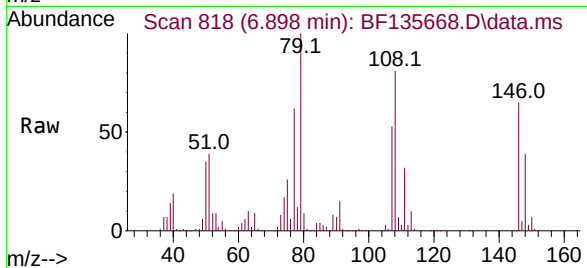




#15
Benzyl Alcohol
Concen: 49.598 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.012 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

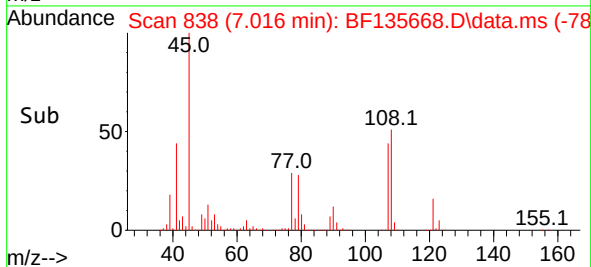
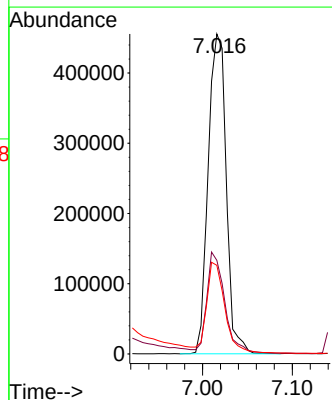
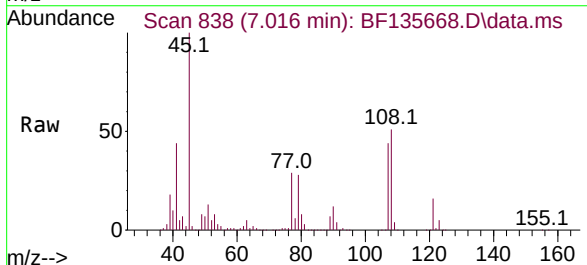
Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

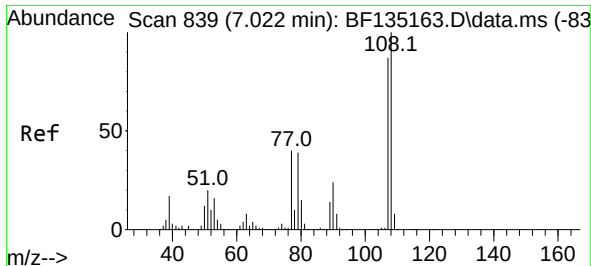
Tgt Ion: 79 Resp: 300830
Ion Ratio Lower Upper
79 100
108 80.7 61.2 91.8
77 61.6 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.517 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion: 45 Resp: 635784
Ion Ratio Lower Upper
45 100
77 29.2 0.0 30.6
79 27.7 0.0 28.3

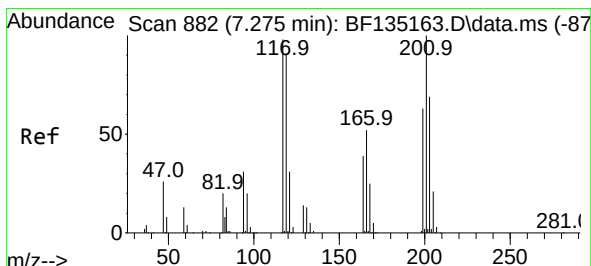
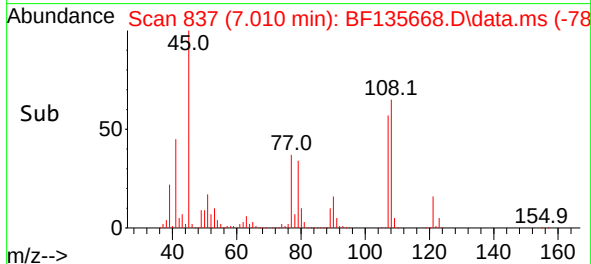
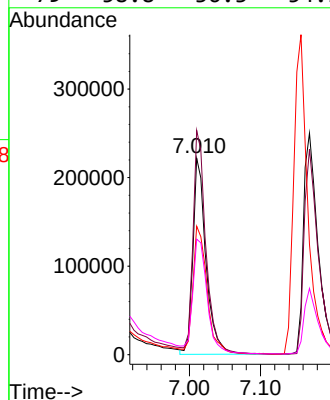
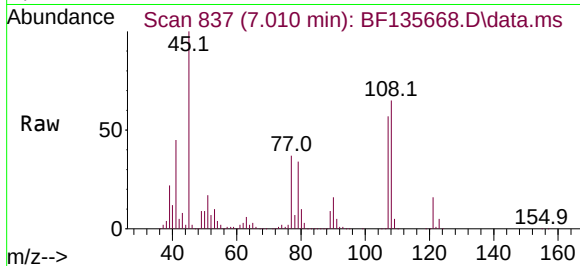




#17
2-Methylphenol
Concen: 45.449 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

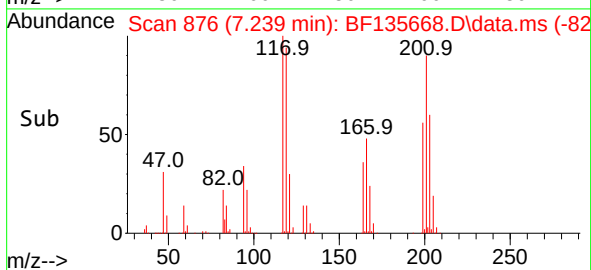
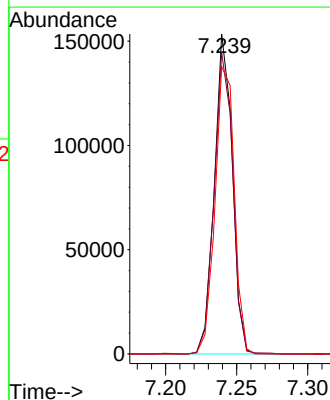
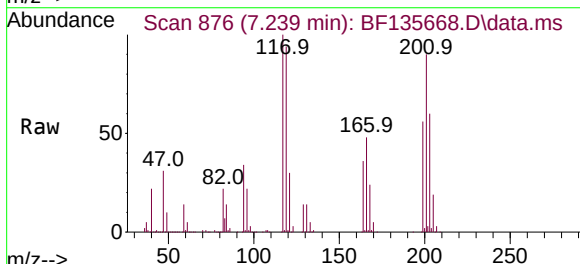
Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

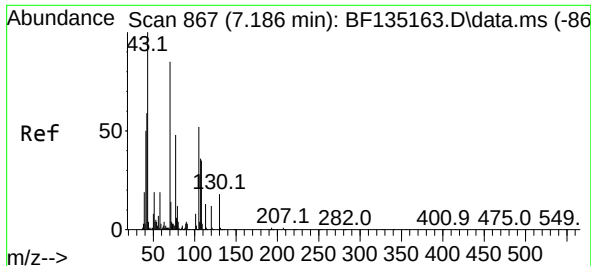
Tgt Ion:107 Resp: 284599
Ion Ratio Lower Upper
107 100
108 114.2 92.0 138.0
77 65.4 36.7 55.1#
79 58.8 36.3 54.5#



#18
Hexachloroethane
Concen: 49.823 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion:117 Resp: 135069
Ion Ratio Lower Upper
117 100
119 94.2 74.7 112.1
201 89.9 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 47.994 ng

RT: 7.163 min Scan# 8

Delta R.T. 0.006 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

Instrument :

BNA_F

ClientSampleId :

DTP-1MSD

Tgt Ion: 70 Resp: 251267

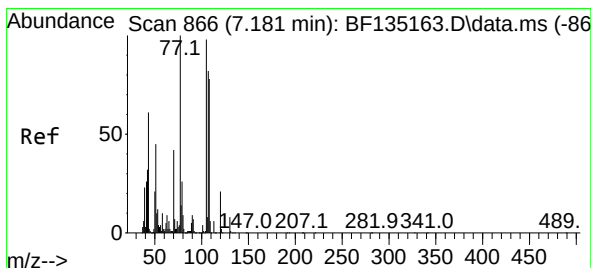
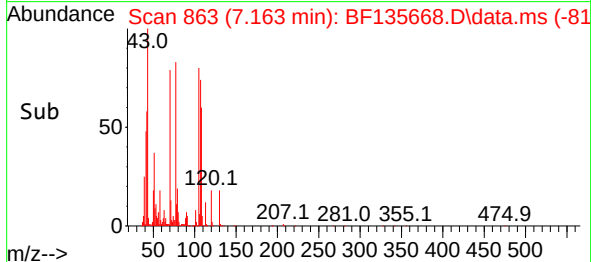
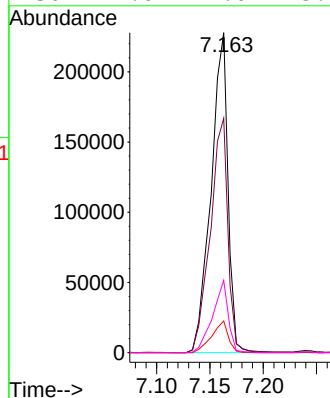
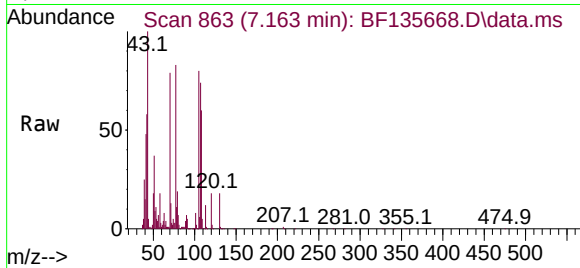
Ion Ratio Lower Upper

70 100

42 73.2 55.4 83.0

101 9.9 7.7 11.5

130 22.6 17.0 25.6



#20

3+4-Methylphenols

Concen: 47.940 ng

RT: 7.169 min Scan# 864

Delta R.T. 0.006 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

Tgt Ion: 107 Resp: 360973

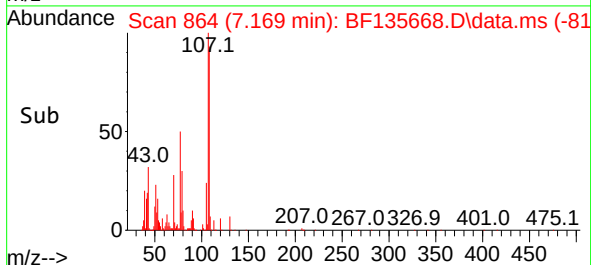
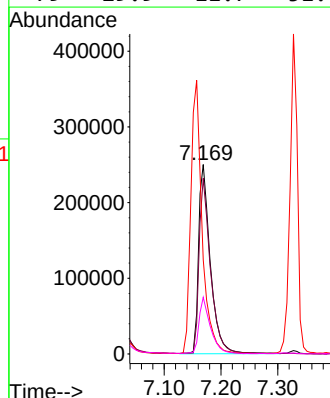
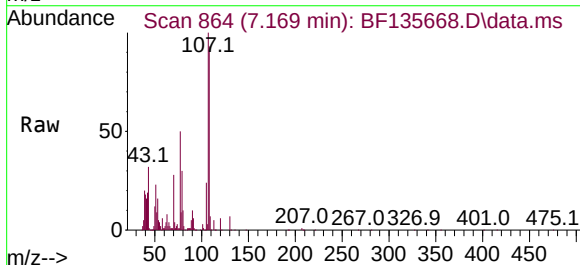
Ion Ratio Lower Upper

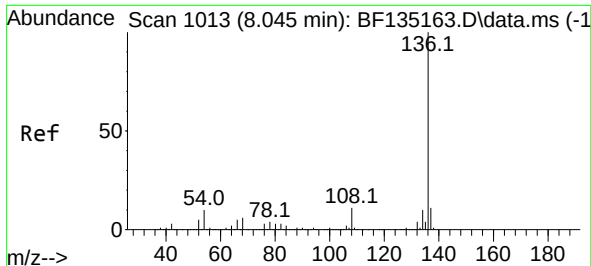
107 100

108 92.7 74.7 114.7

77 49.8 102.0 142.0#

79 29.9 11.7 51.7



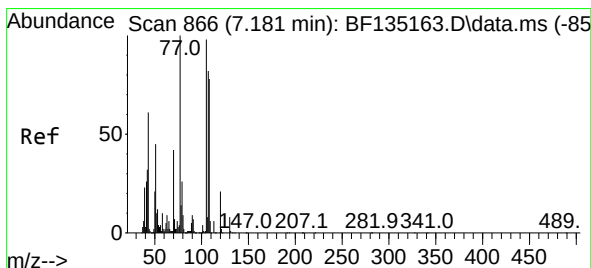
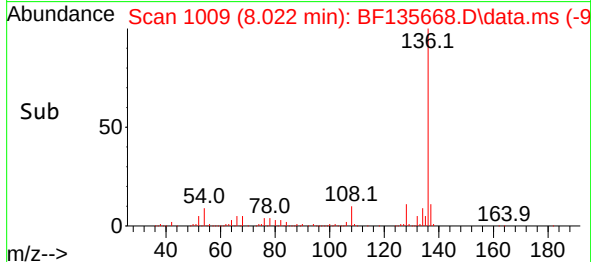
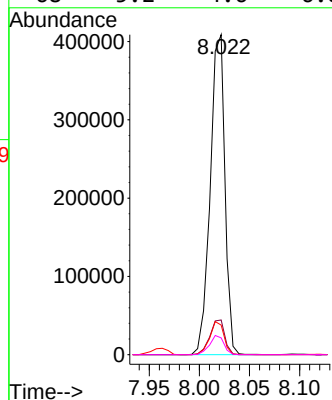
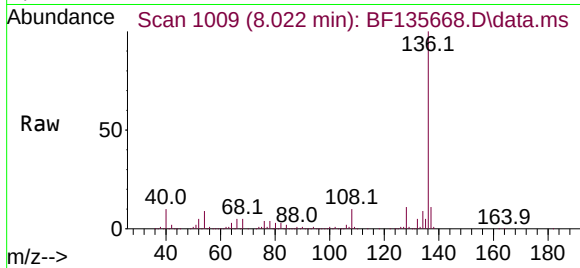


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

Tgt Ion:136 Resp: 417929

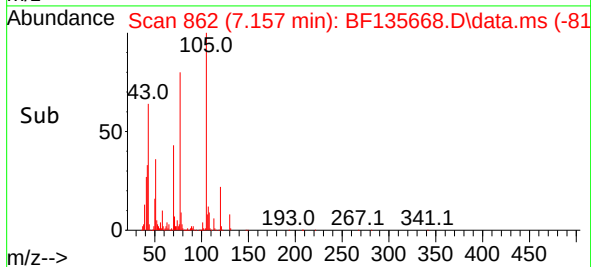
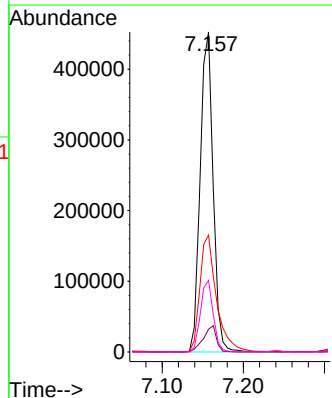
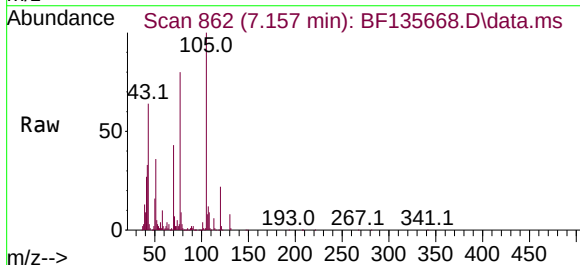
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.3	7.7	11.5
68	5.2	4.6	6.8

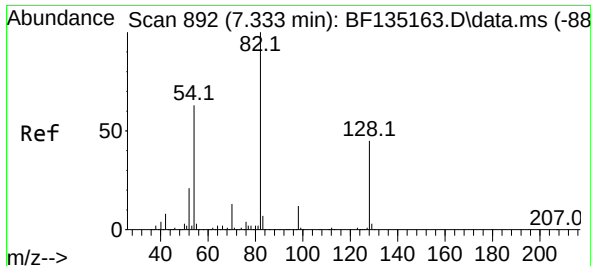


#22
Acetophenone
Concen: 52.469 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion:105 Resp: 501340

Ion	Ratio	Lower	Upper
105	100		
71	7.1	5.8	8.6
51	36.5	37.0	55.4#
120	22.4	17.0	25.6





#23

Nitrobenzene-d5

Concen: 92.564 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.000 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

Instrument :

BNA_F

ClientSampleId :

DTP-1MSD

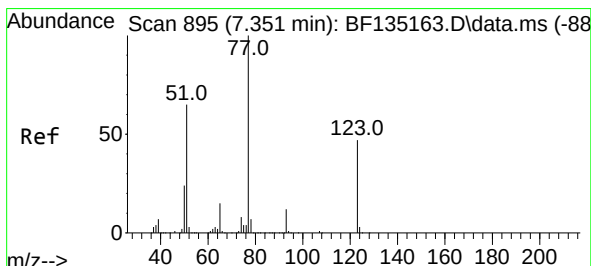
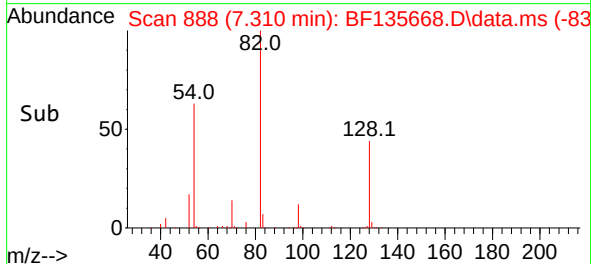
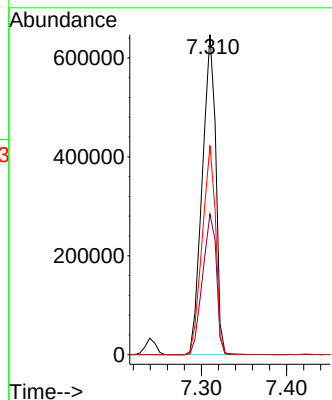
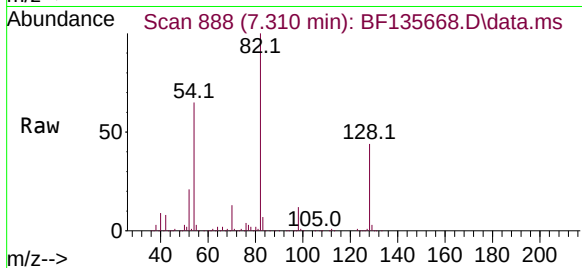
Tgt Ion: 82 Resp: 712047

Ion Ratio Lower Upper

82 100

128 43.9 35.8 53.6

54 65.4 50.6 76.0



#24

Nitrobenzene

Concen: 50.675 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

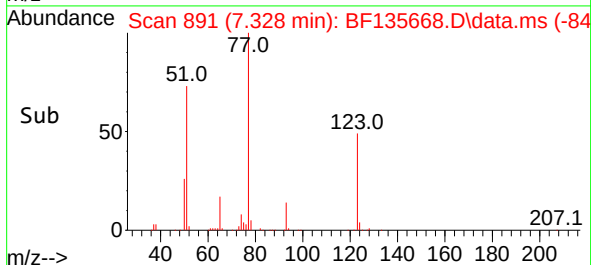
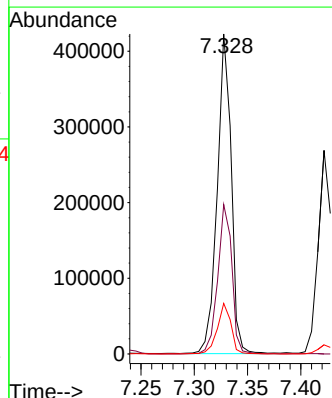
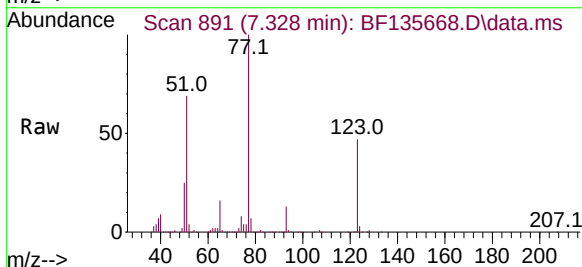
Tgt Ion: 77 Resp: 385292

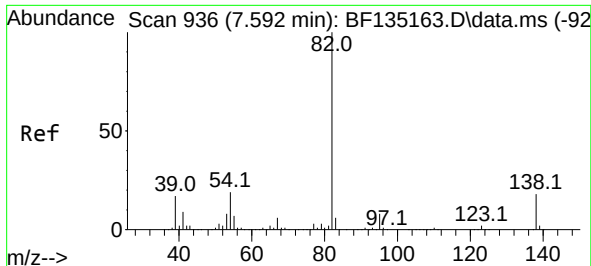
Ion Ratio Lower Upper

77 100

123 46.7 37.6 56.4

65 15.8 12.2 18.4

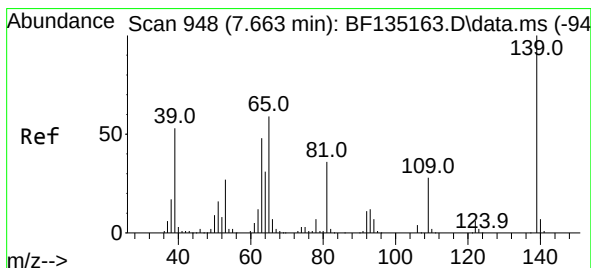
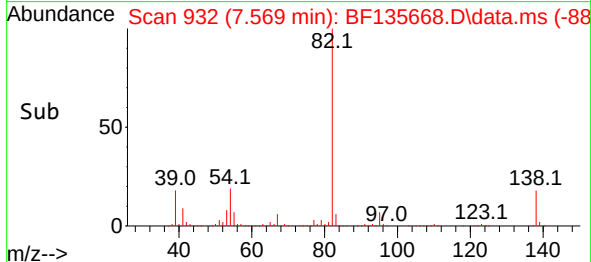
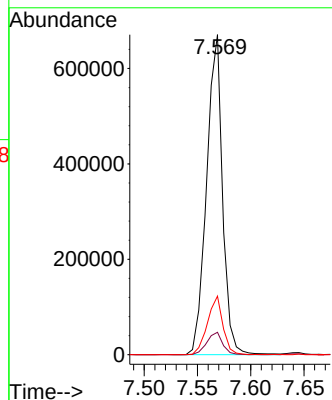
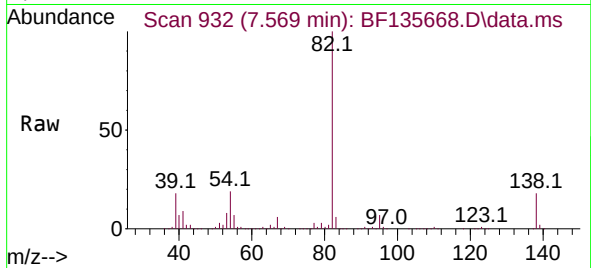




#25
Isophorone
Concen: 49.616 ng
RT: 7.569 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

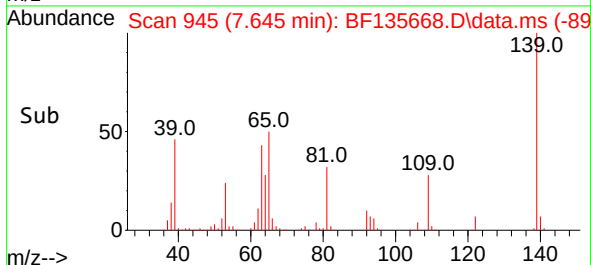
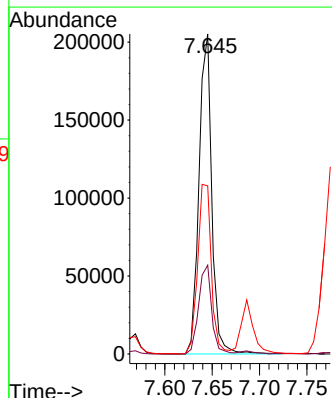
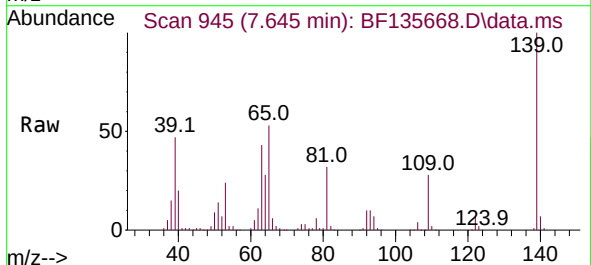
Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

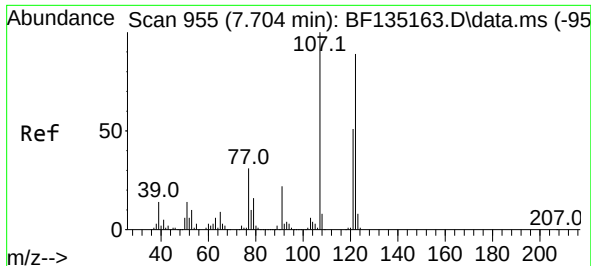
Tgt Ion: 82 Resp: 700843
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 18.3 14.5 21.7



#26
2-Nitrophenol
Concen: 52.802 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion:139 Resp: 192683
Ion Ratio Lower Upper
139 100
109 27.8 22.6 33.8
65 52.6 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 45.768 ng

RT: 7.686 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135668.D

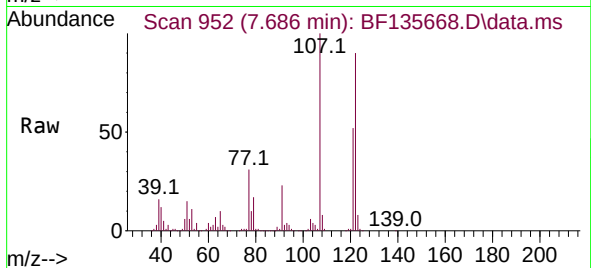
Acq: 10 Oct 2023 00:15

Instrument :

BNA_F

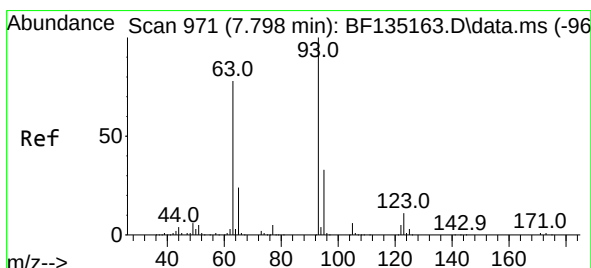
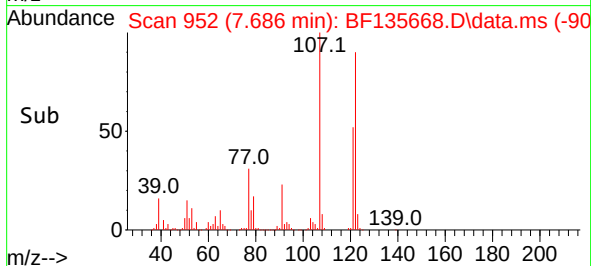
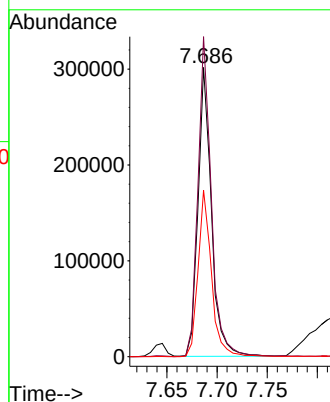
ClientSampleId :

DTP-1MSD



Tgt Ion:122 Resp: 280729

Ion	Ratio	Lower	Upper
122	100		
107	110.6	90.2	135.4
121	57.6	46.3	69.5



#28

bis(2-Chloroethoxy)methane

Concen: 51.050 ng

RT: 7.775 min Scan# 967

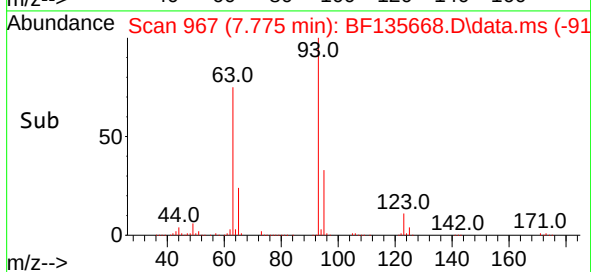
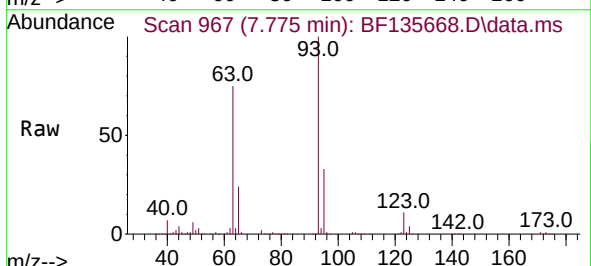
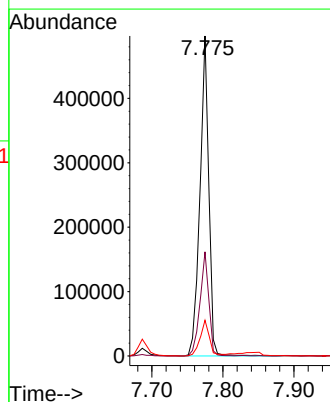
Delta R.T. 0.000 min

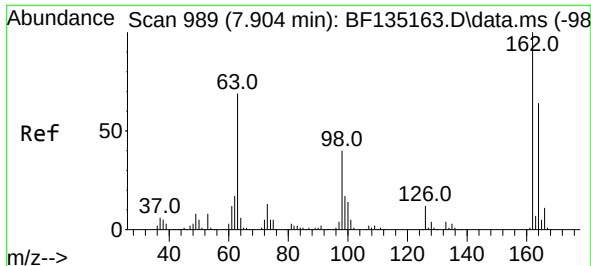
Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

Tgt Ion: 93 Resp: 431601

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	11.2	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 52.497 ng

RT: 7.892 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

Instrument :

BNA_F

ClientSampleId :

DTP-1MSD

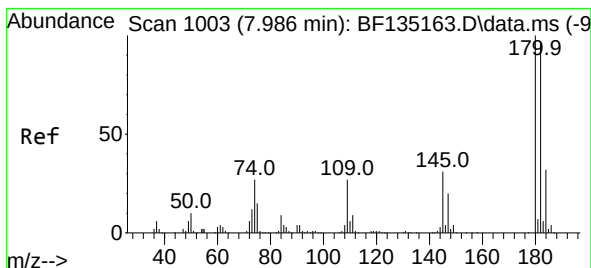
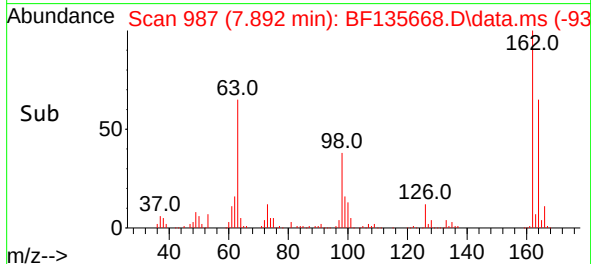
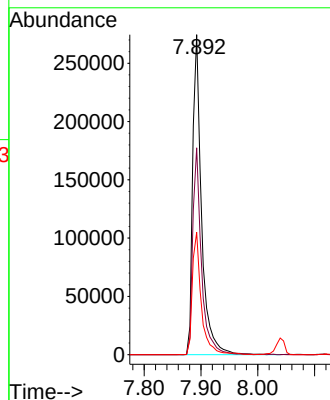
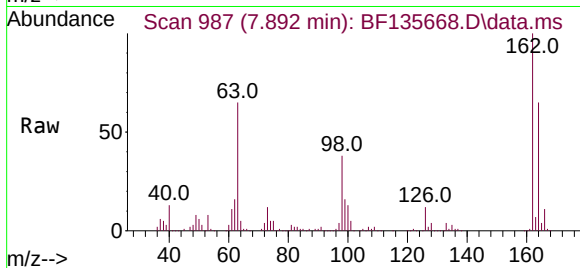
Tgt Ion:162 Resp: 298376

Ion Ratio Lower Upper

162 100

164 64.6 44.1 84.1

98 38.3 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 51.538 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

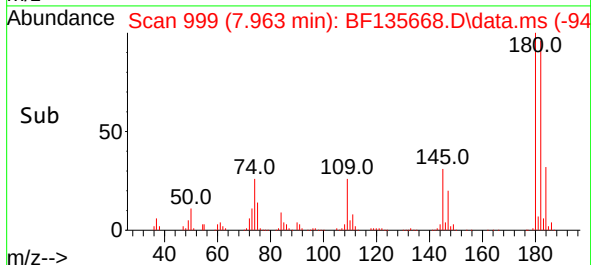
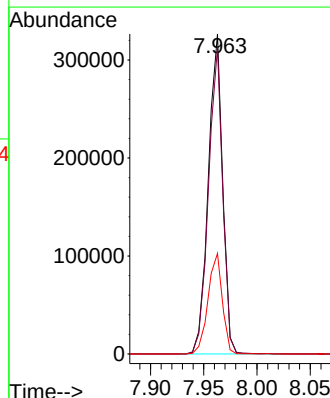
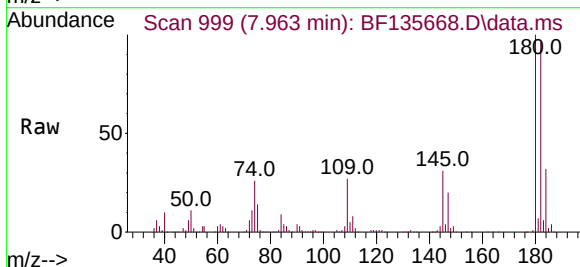
Tgt Ion:180 Resp: 306175

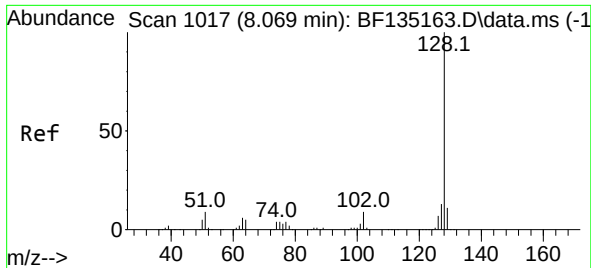
Ion Ratio Lower Upper

180 100

182 95.7 76.9 115.3

145 31.4 24.5 36.7

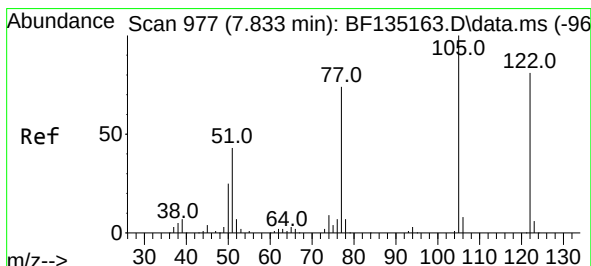
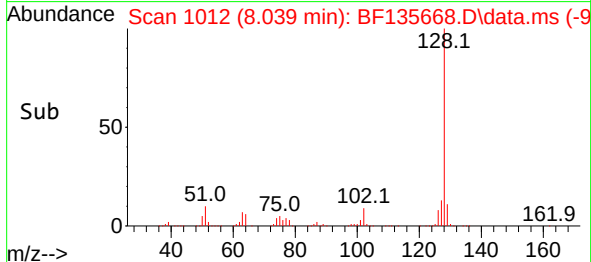
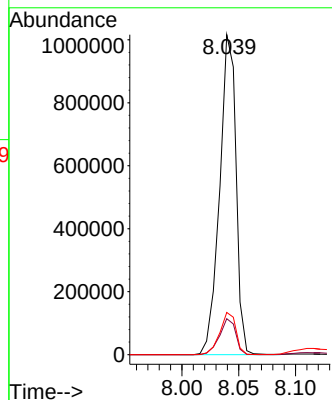
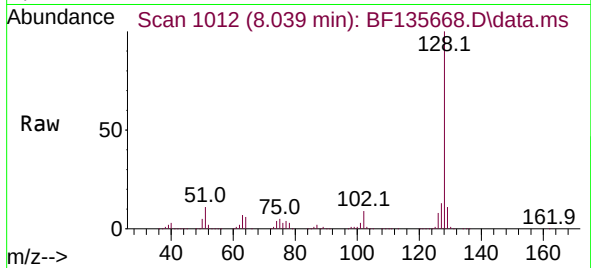




#31
Naphthalene
Concen: 50.463 ng
RT: 8.039 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

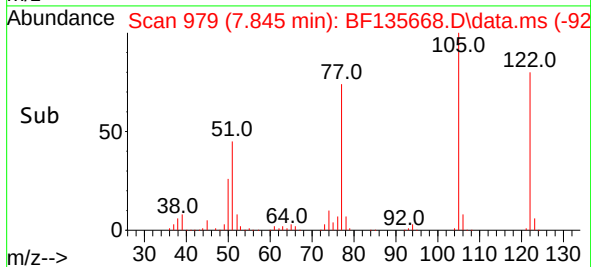
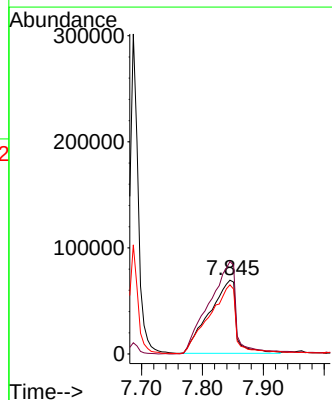
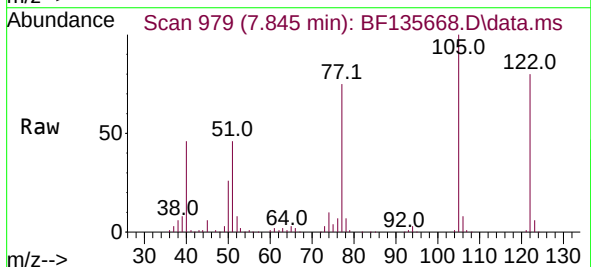
Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

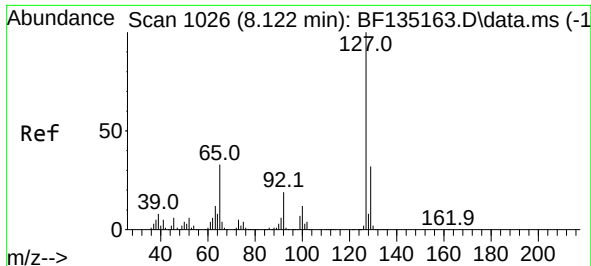
Tgt Ion:128 Resp: 1024700
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 46.494 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.024 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion:122 Resp: 214744
Ion Ratio Lower Upper
122 100
105 125.3 99.9 139.9
77 93.6 70.0 110.0

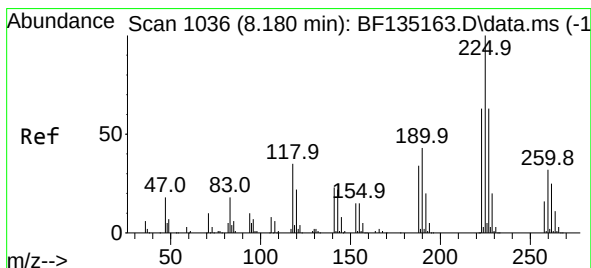
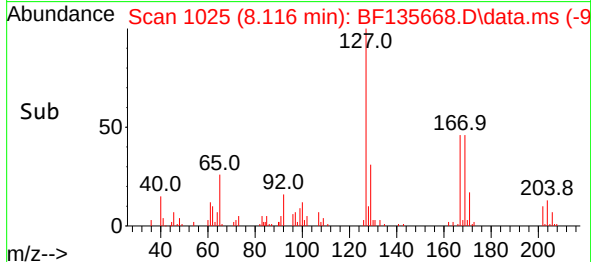
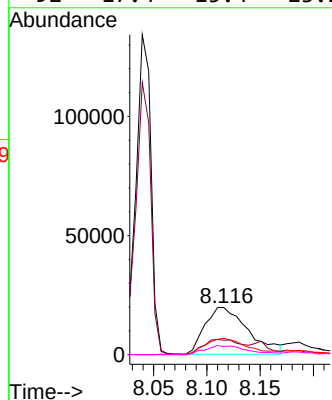
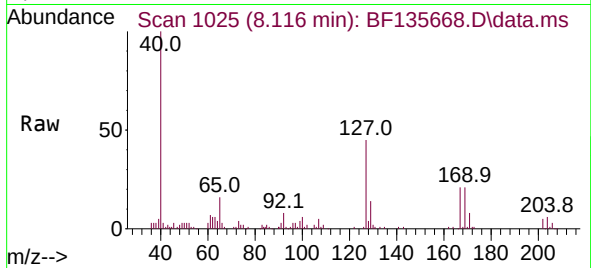




#33
4-Chloroaniline
Concen: 6.156 ng
RT: 8.116 min Scan# 1031
Delta R.T. 0.018 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

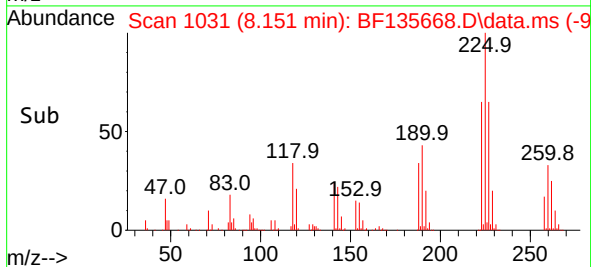
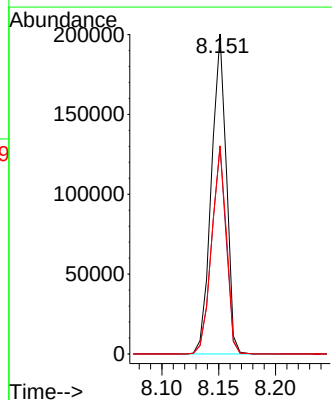
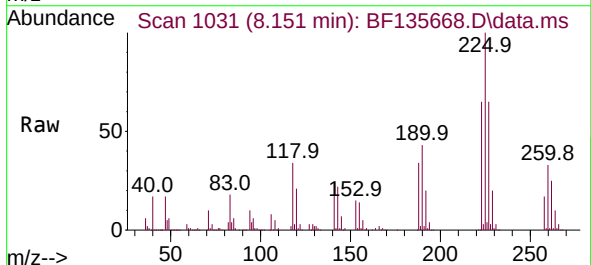
Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

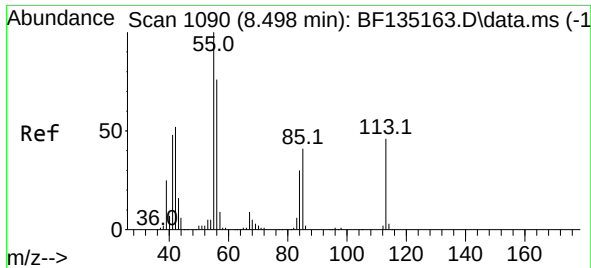
Tgt Ion:	127	Resp:	54841
Ion Ratio	Lower	Upper	
127	100		
129	30.9	25.8	38.8
65	34.5	26.6	39.8
92	17.4	15.4	23.2



#34
Hexachlorobutadiene
Concen: 50.817 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion:	225	Resp:	182034
Ion Ratio	Lower	Upper	
225	100		
223	64.7	50.6	75.8
227	65.0	50.8	76.2

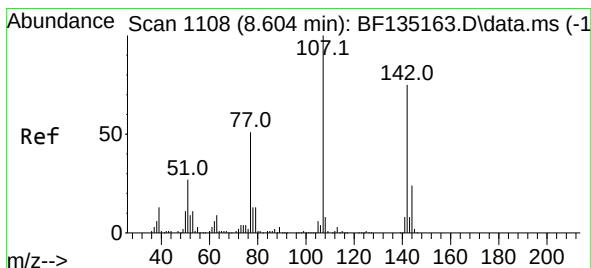
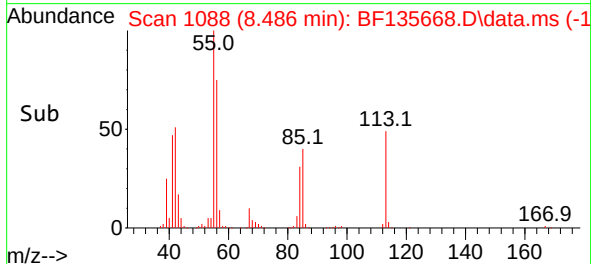
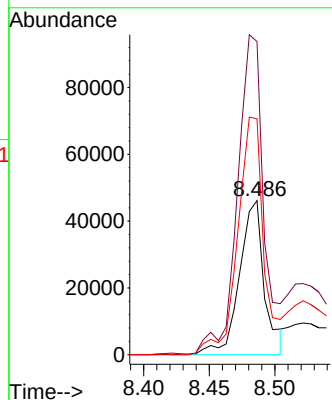
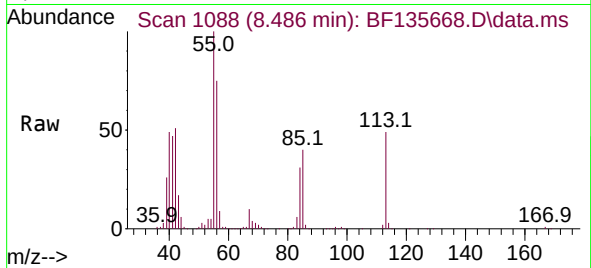




#35
Caprolactam
Concen: 31.892 ng
RT: 8.486 min Scan# 1090
Delta R.T. 0.018 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

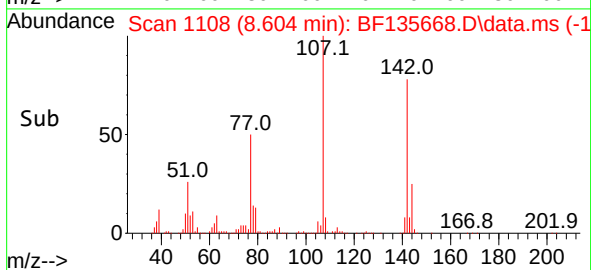
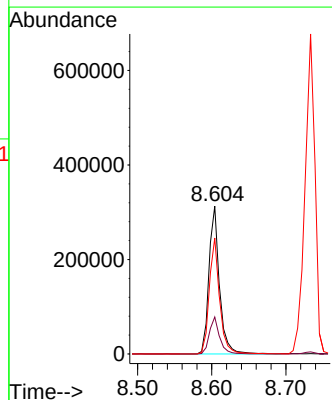
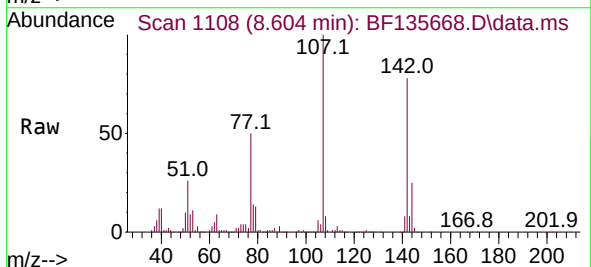
Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

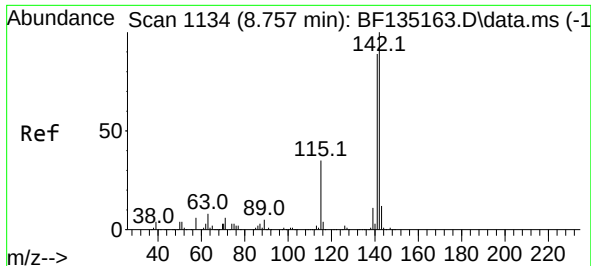
Tgt Ion:113 Resp: 60834
Ion Ratio Lower Upper
113 100
55 203.2 199.3 239.3
56 153.1 146.3 186.3



#36
4-Chloro-3-methylphenol
Concen: 49.062 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.018 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion:107 Resp: 309923
Ion Ratio Lower Upper
107 100
144 25.0 19.0 28.4
142 78.4 60.2 90.2





#37

2-Methylnaphthalene

Concen: 46.440 ng

RT: 8.733 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

Instrument :

BNA_F

ClientSampleId :

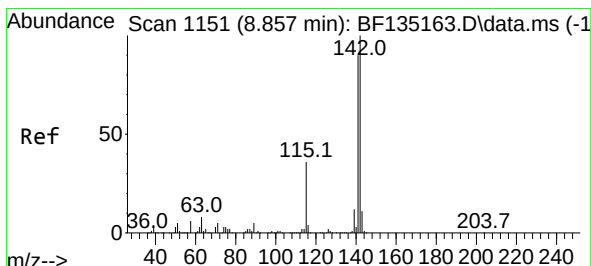
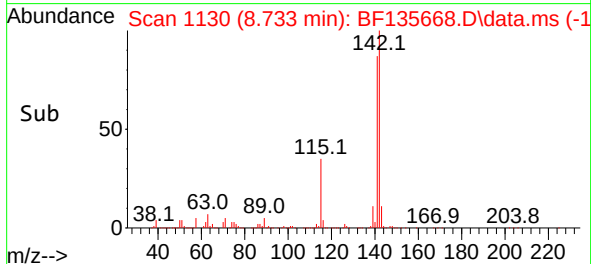
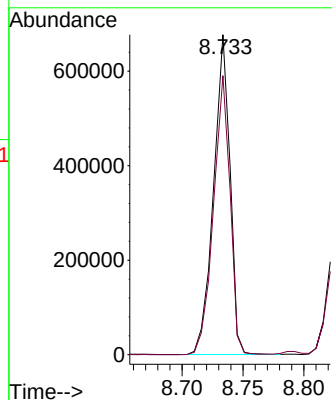
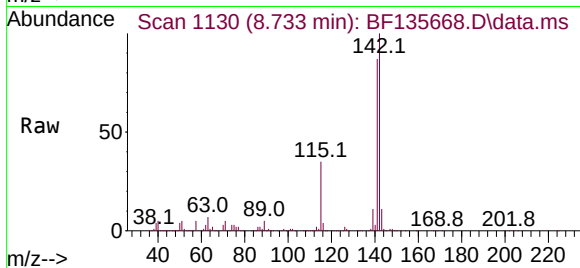
DTP-1MSD

Tgt Ion:142 Resp: 633886

Ion Ratio Lower Upper

142 100

141 87.2 71.0 106.6



#38

1-Methylnaphthalene

Concen: 47.033 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135668.D

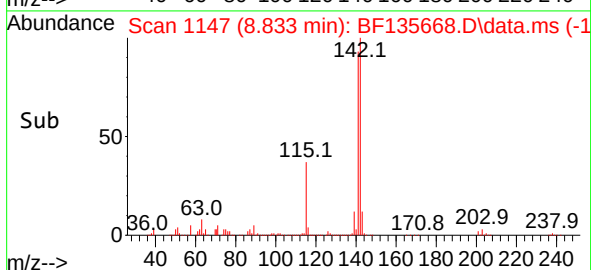
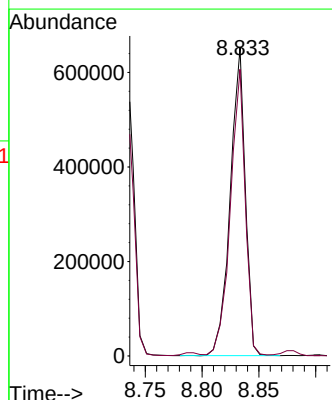
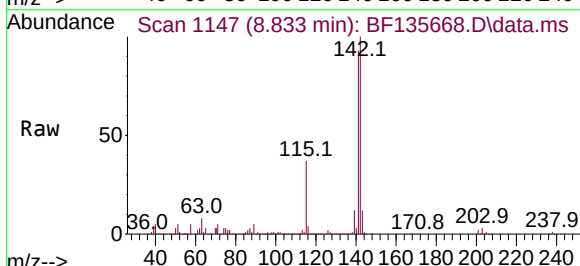
Acq: 10 Oct 2023 00:15

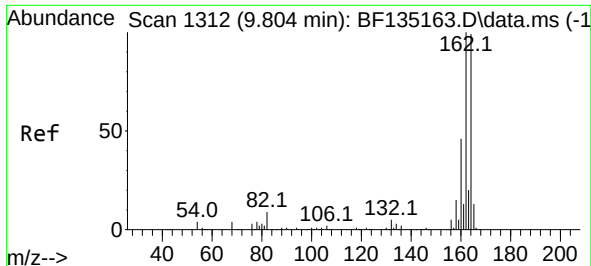
Tgt Ion:142 Resp: 601049

Ion Ratio Lower Upper

142 100

141 93.1 72.4 108.6

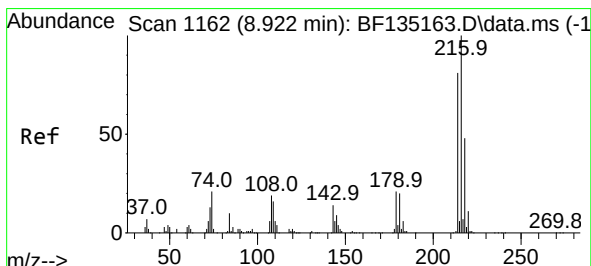
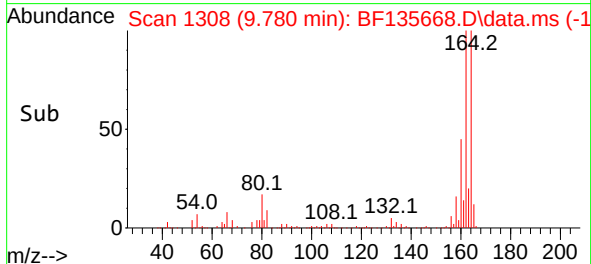
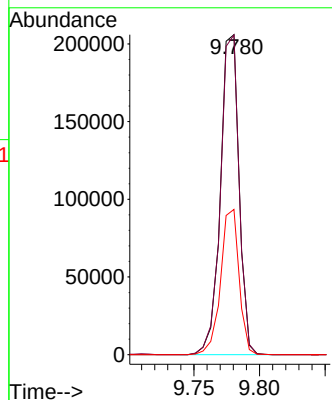
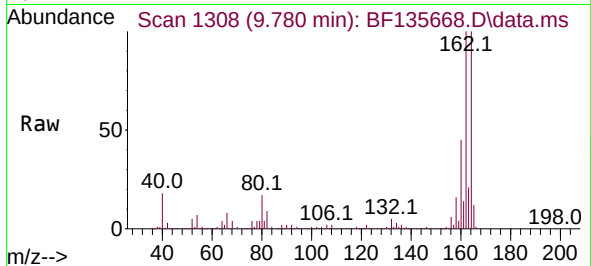




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

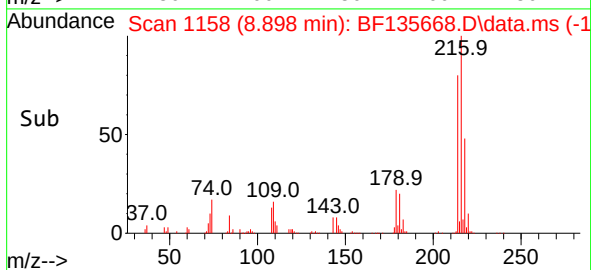
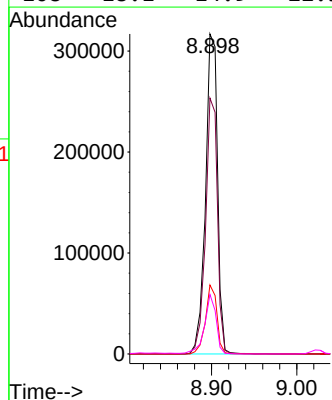
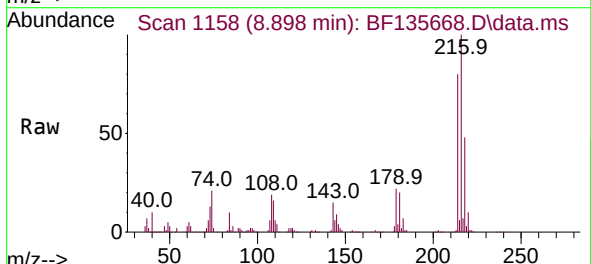
Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

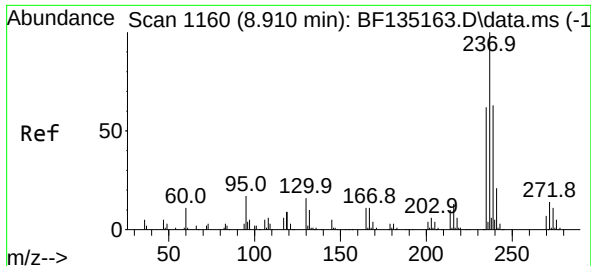
Tgt Ion:164 Resp: 203336
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 45.4 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.589 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion:216 Resp: 309792
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 20.5 16.7 25.1
108 18.1 14.9 22.3

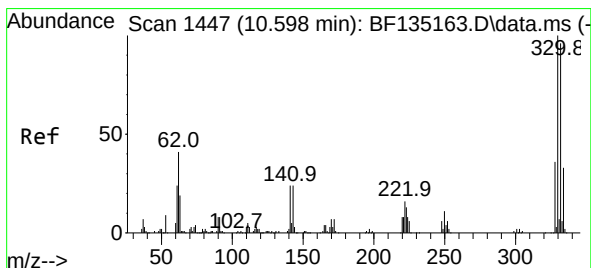
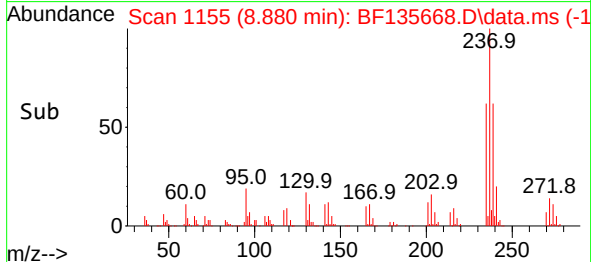
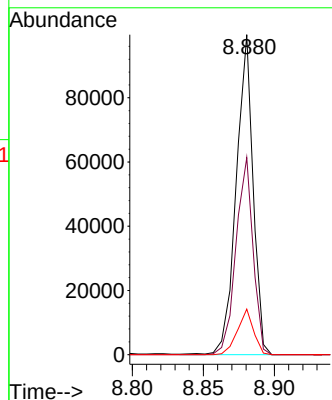
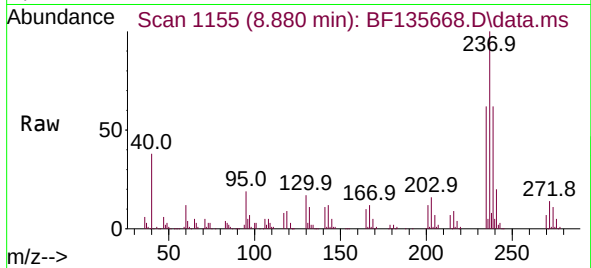




#41
Hexachlorocyclopentadiene
Concen: 36.186 ng
RT: 8.880 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

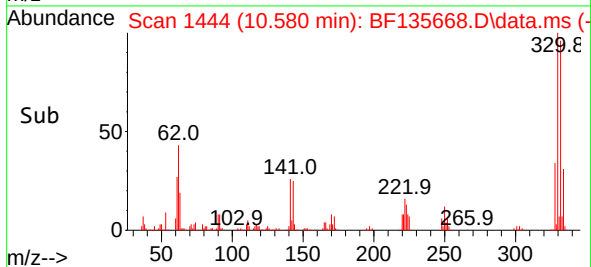
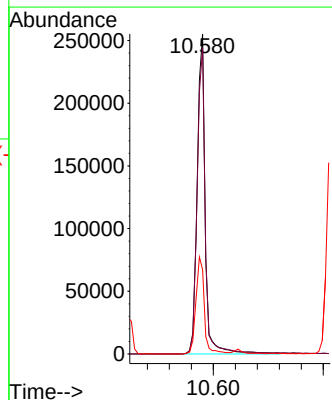
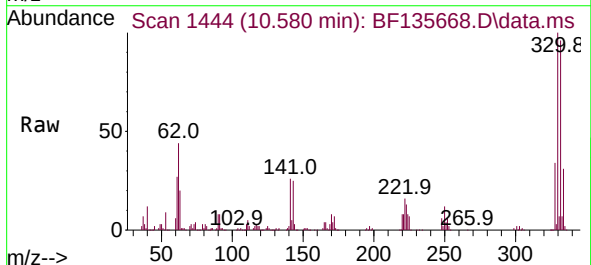
Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

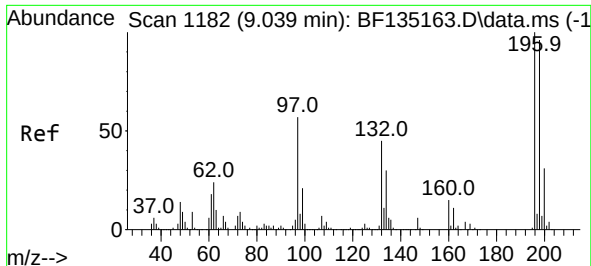
Tgt Ion:237 Resp: 82363
Ion Ratio Lower Upper
237 100
235 61.6 41.8 81.8
272 14.3 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 127.553 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.012 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion:330 Resp: 257743
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 31.6 25.8 38.8

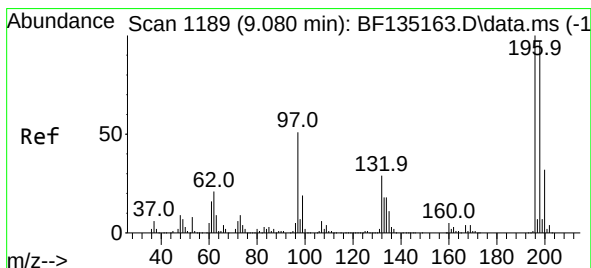
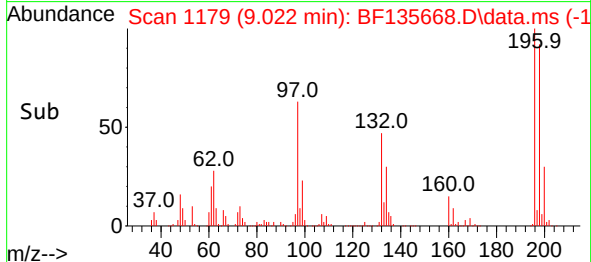
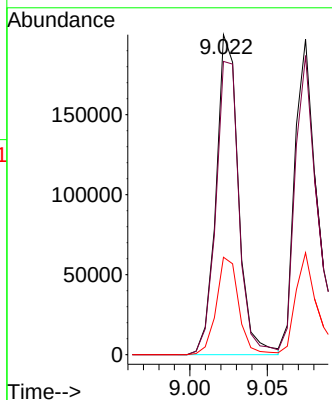
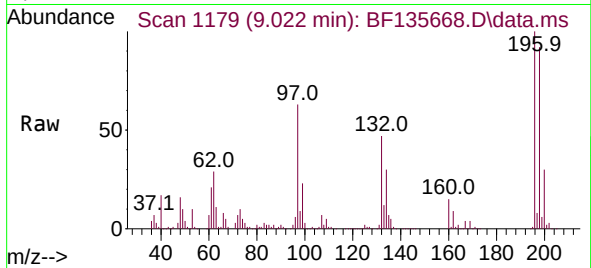




#43
2,4,6-Trichlorophenol
Concen: 52.134 ng
RT: 9.022 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

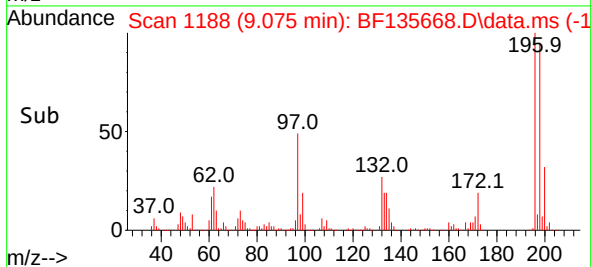
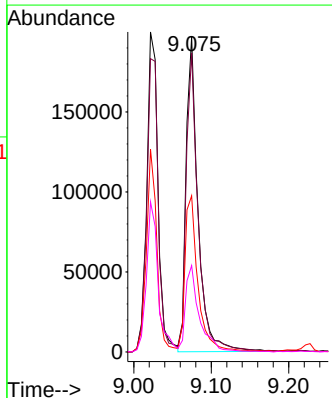
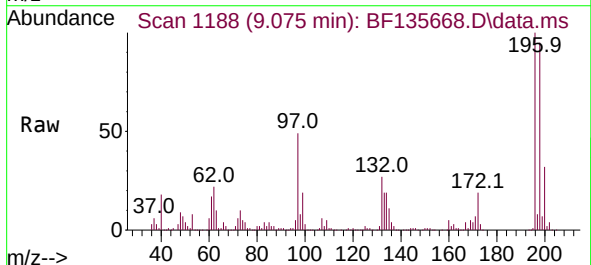
Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

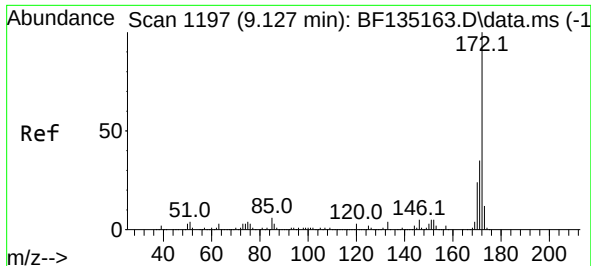
Tgt Ion:196 Resp: 201080
Ion Ratio Lower Upper
196 100
198 91.6 77.0 115.6
200 30.4 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 47.452 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.012 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion:196 Resp: 210767
Ion Ratio Lower Upper
196 100
198 94.8 77.5 116.3
97 49.5 40.5 60.7
132 27.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 92.257 ng

RT: 9.098 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

Instrument :

BNA_F

ClientSampleId :

DTP-1MSD

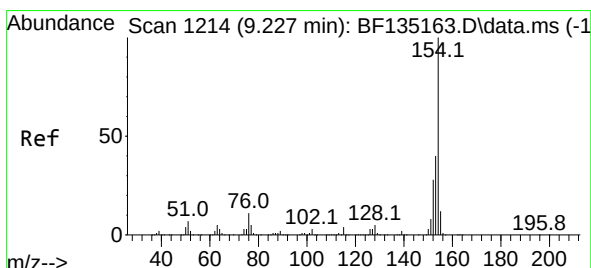
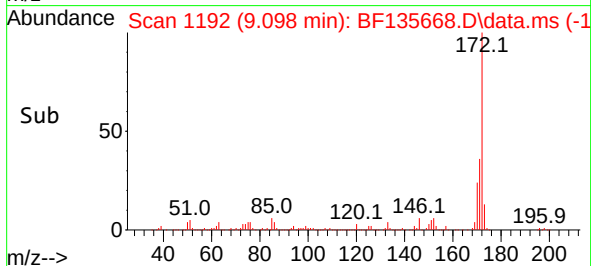
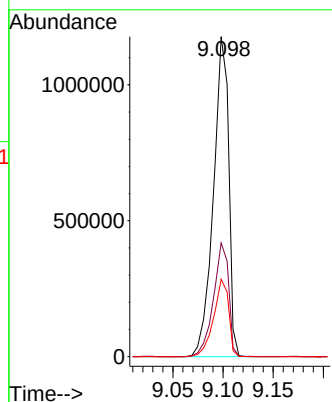
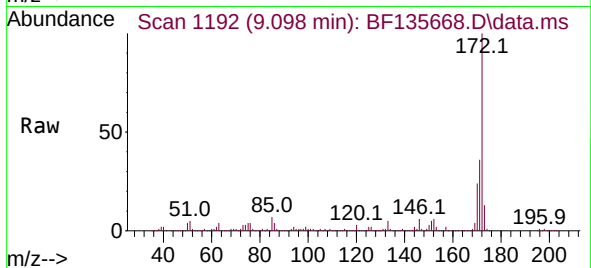
Tgt Ion:172 Resp: 1243388

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.2 19.0 28.4



#46

1,1'-Biphenyl

Concen: 51.642 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

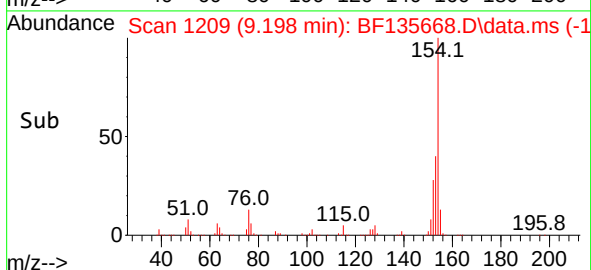
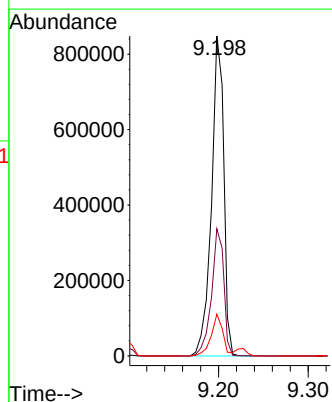
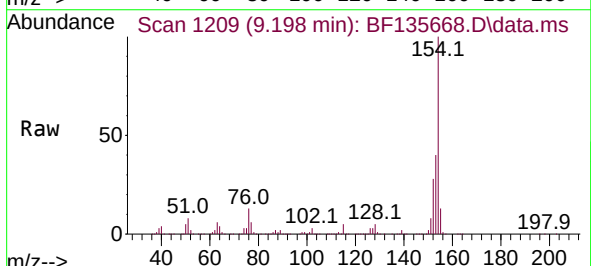
Tgt Ion:154 Resp: 806958

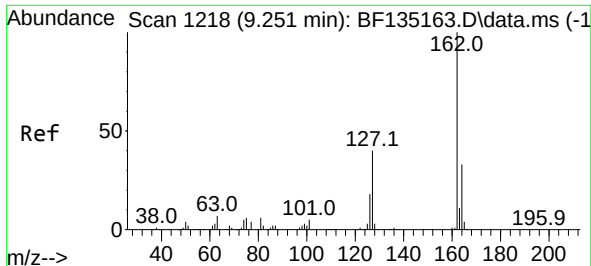
Ion Ratio Lower Upper

154 100

153 39.8 19.6 59.6

76 13.1 0.0 31.0





#47

2-Chloronaphthalene

Concen: 51.782 ng

RT: 9.228 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

Instrument :

BNA_F

ClientSampleId :

DTP-1MSD

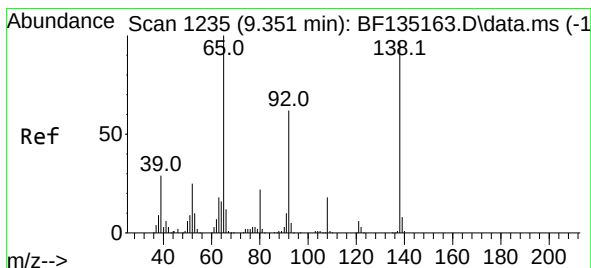
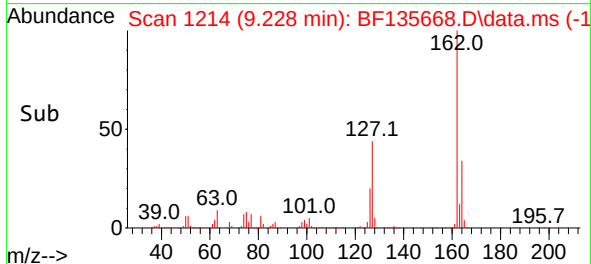
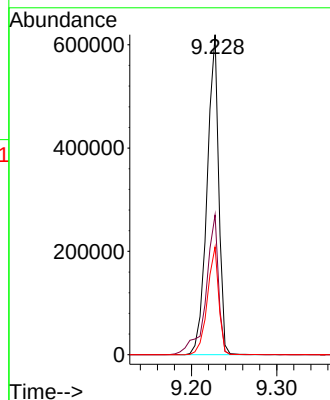
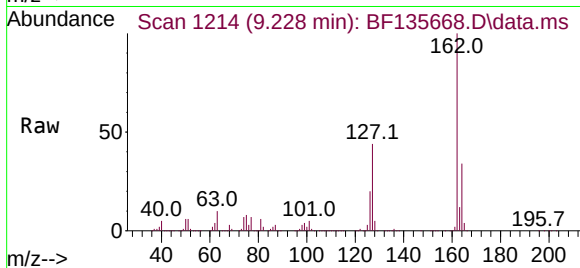
Tgt Ion:162 Resp: 587082

Ion Ratio Lower Upper

162 100

127 43.7 32.6 48.8

164 33.7 26.2 39.2



#48

2-Nitroaniline

Concen: 50.711 ng

RT: 9.333 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

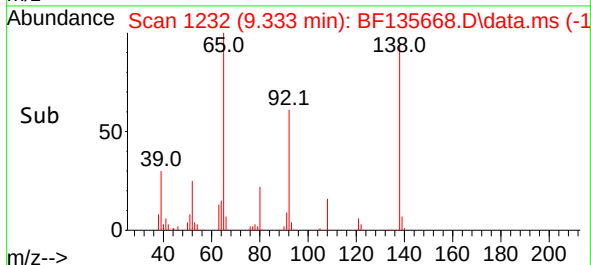
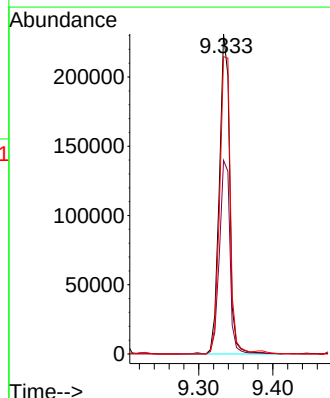
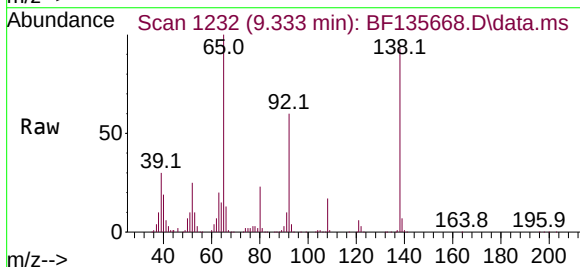
Tgt Ion: 65 Resp: 223361

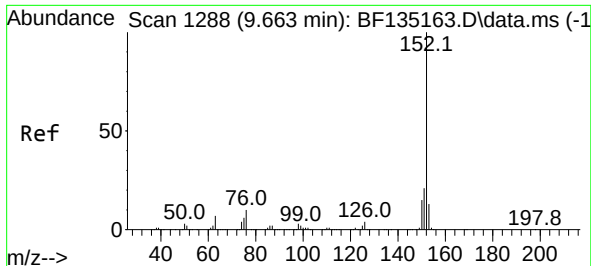
Ion Ratio Lower Upper

65 100

92 60.5 49.4 74.0

138 92.9 77.4 116.0





#49

Acenaphthylene

Concen: 50.608 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

Instrument :

BNA_F

ClientSampleId :

DTP-1MSD

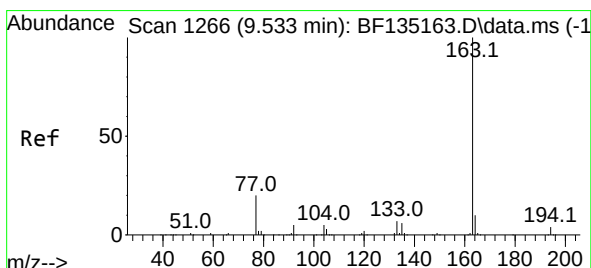
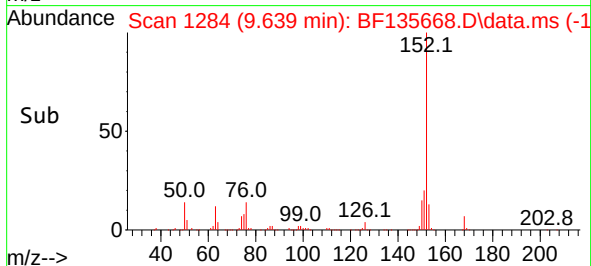
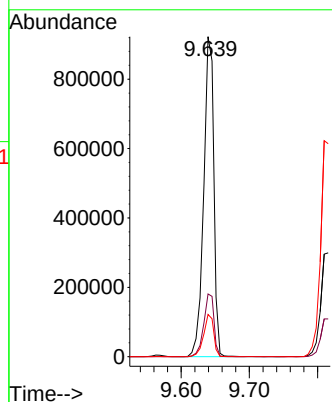
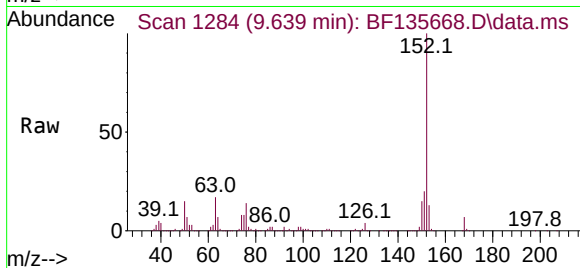
Tgt Ion:152 Resp: 953568

Ion Ratio Lower Upper

152 100

151 19.6 16.4 24.6

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 50.789 ng

RT: 9.510 min Scan# 1262

Delta R.T. 0.006 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

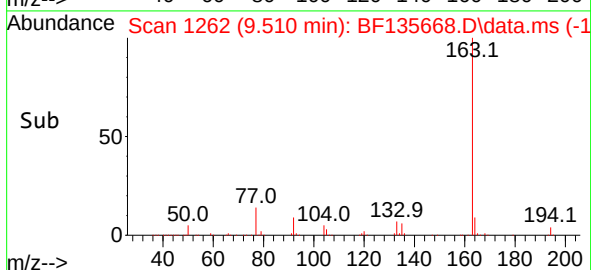
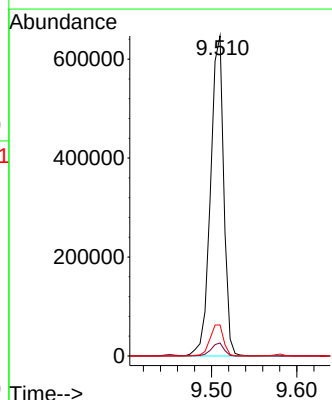
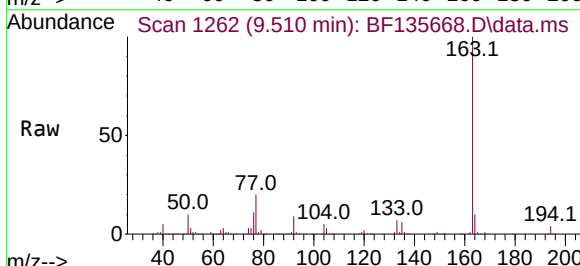
Tgt Ion:163 Resp: 698231

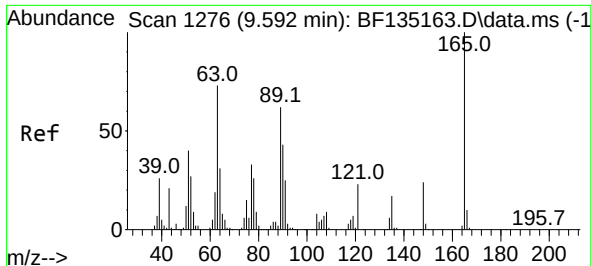
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 9.7 8.1 12.1

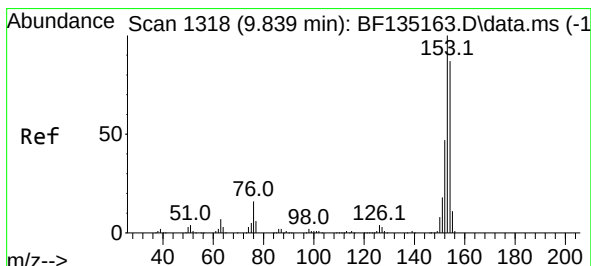
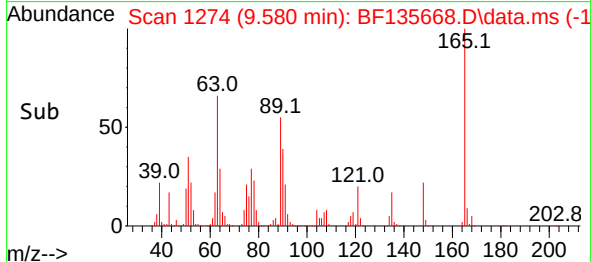
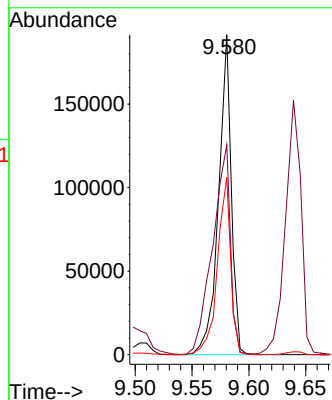
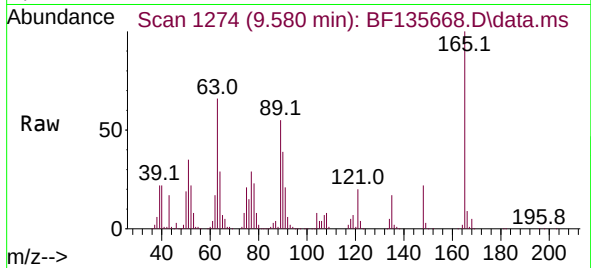




#51
2,6-Dinitrotoluene
Concen: 49.859 ng
RT: 9.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

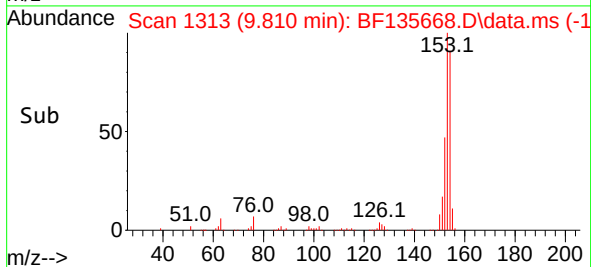
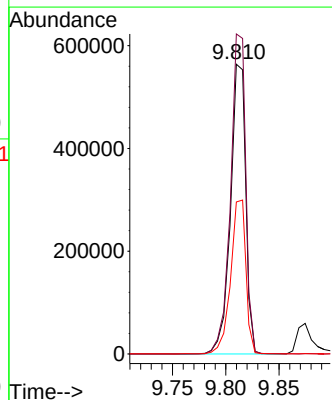
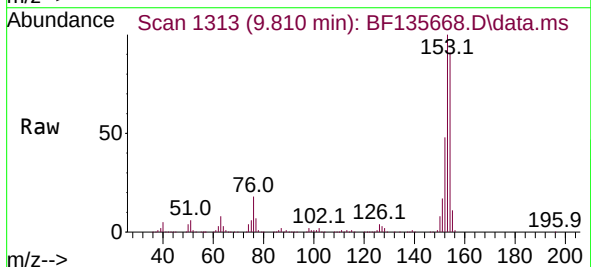
Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

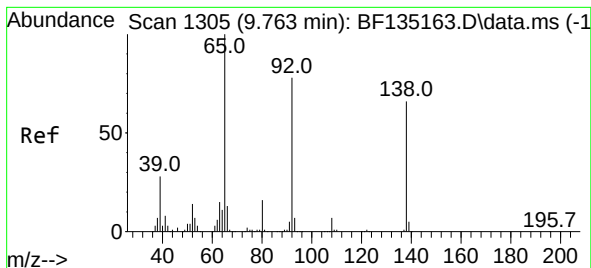
Tgt Ion:165 Resp: 150157
Ion Ratio Lower Upper
165 100
63 65.5 59.4 89.2
89 55.4 49.8 74.8



#52
Acenaphthene
Concen: 50.314 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion:154 Resp: 560040
Ion Ratio Lower Upper
154 100
153 110.5 92.1 138.1
152 52.5 43.1 64.7





#53

3-Nitroaniline

Concen: 21.223 ng

RT: 9.751 min Scan# 1303

Delta R.T. 0.006 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

Instrument :

BNA_F

ClientSampleId :

DTP-1MSD

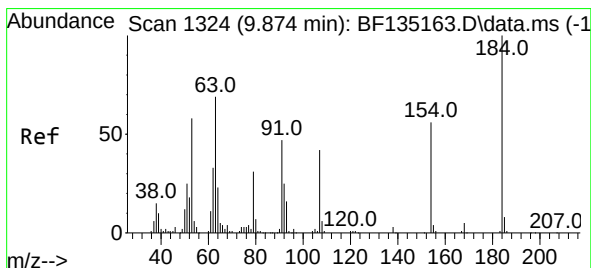
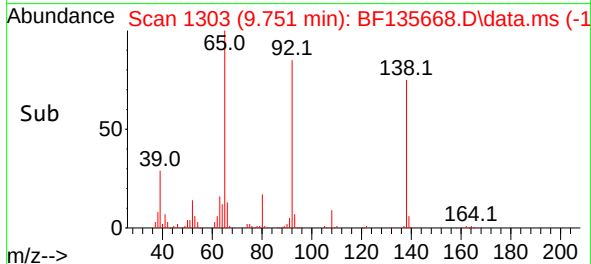
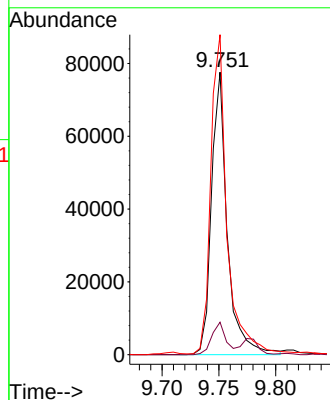
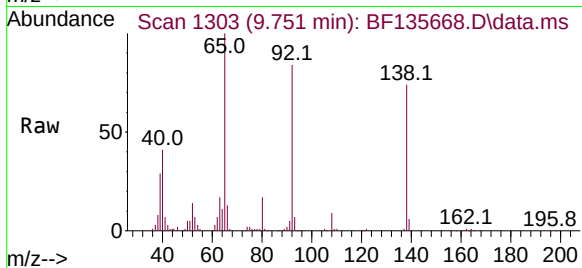
Tgt Ion:138 Resp: 75027

Ion Ratio Lower Upper

138 100

108 11.5 8.5 12.7

92 113.2 95.4 143.0



#54

2,4-Dinitrophenol

Concen: 65.951 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.012 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

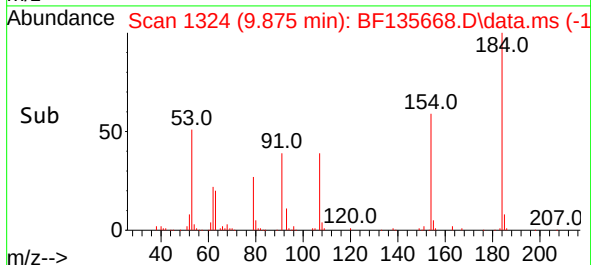
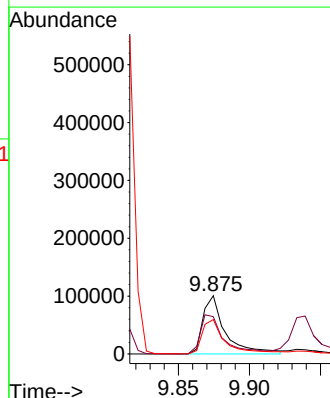
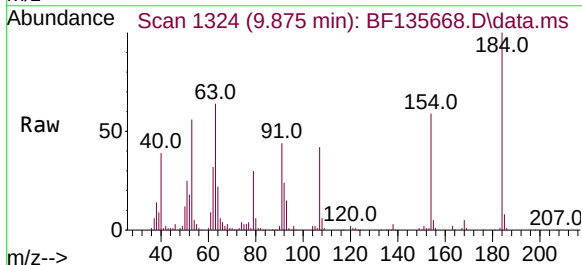
Tgt Ion:184 Resp: 110722

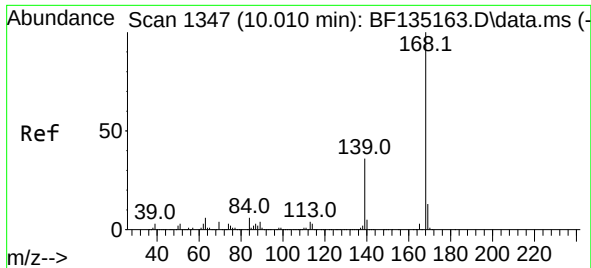
Ion Ratio Lower Upper

184 100

63 63.9 55.1 82.7

154 59.1 48.4 72.6

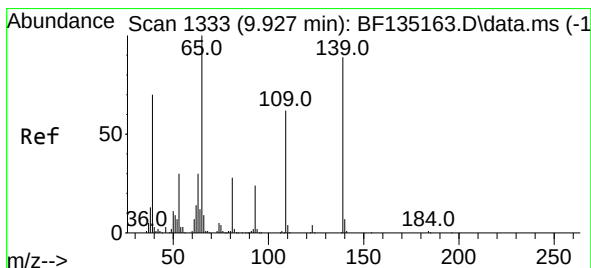
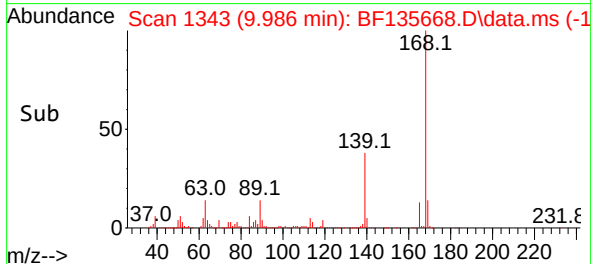
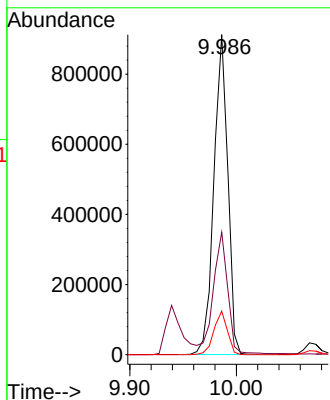
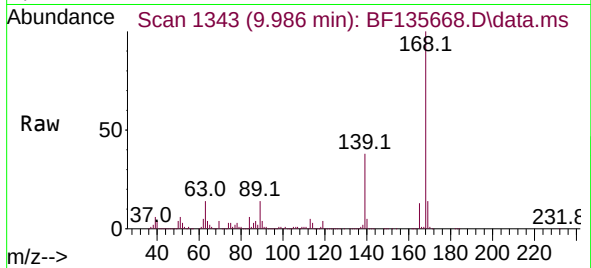




#55
Dibenzenofuran
Concen: 48.424 ng
RT: 9.986 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

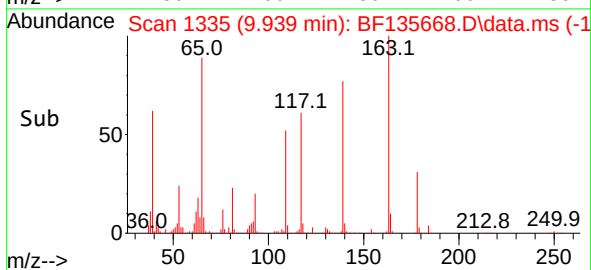
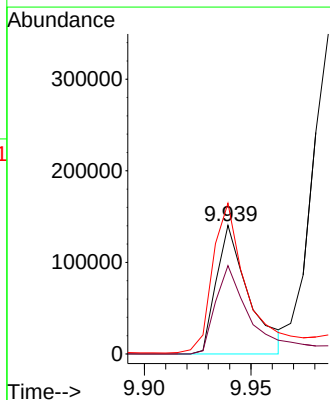
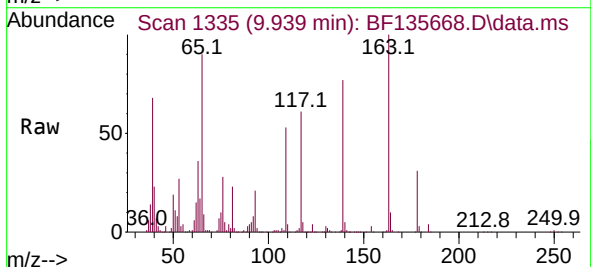
Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

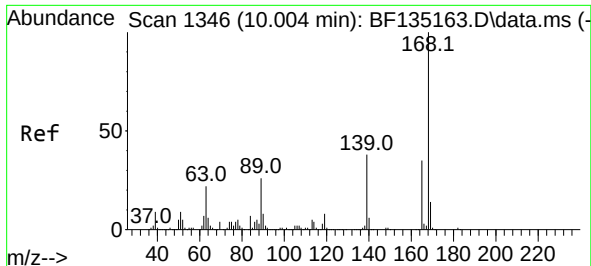
Tgt Ion:168 Resp: 822524
Ion Ratio Lower Upper
168 100
139 38.3 29.0 43.6
169 13.6 10.4 15.6



#56
4-Nitrophenol
Concen: 65.752 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion:139 Resp: 147729
Ion Ratio Lower Upper
139 100
109 68.7 49.8 89.8
65 117.3 92.7 132.7

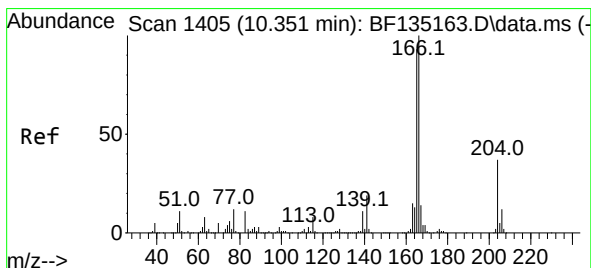
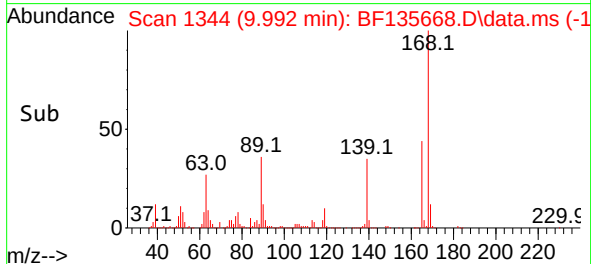
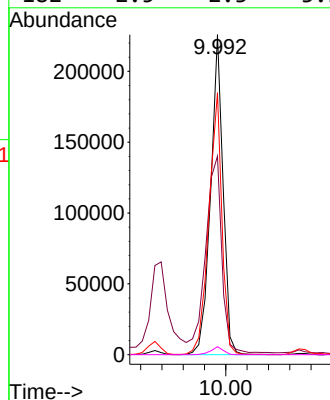
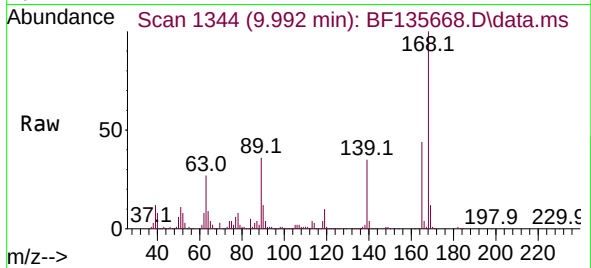




#57
2,4-Dinitrotoluene
Concen: 48.883 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

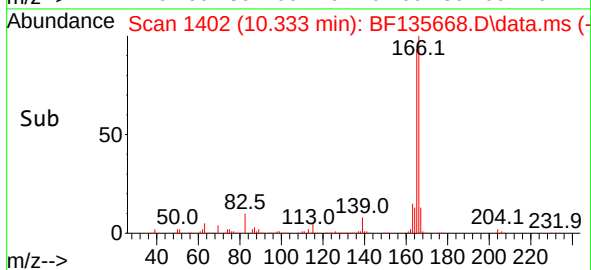
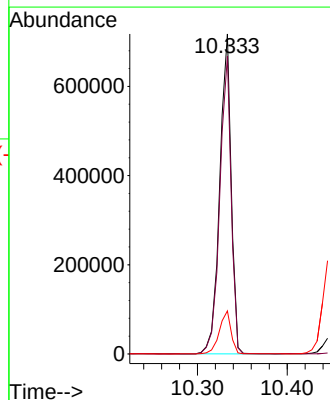
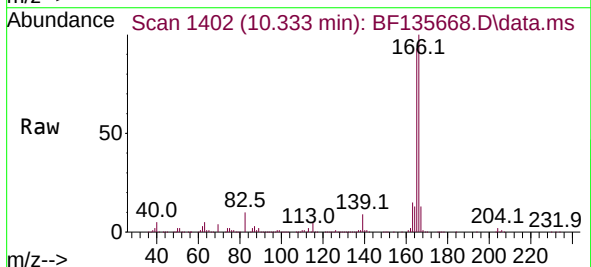
Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

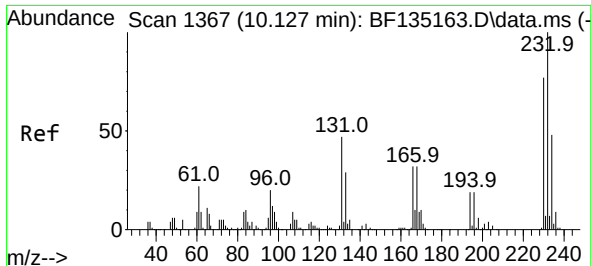
Tgt Ion:165 Resp: 184304
Ion Ratio Lower Upper
165 100
63 62.1 50.1 75.1
89 81.9 59.3 88.9
182 2.5 2.3 3.5



#58
Fluorene
Concen: 48.686 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion:166 Resp: 635744
Ion Ratio Lower Upper
166 100
165 93.0 74.3 111.5
167 13.5 10.9 16.3

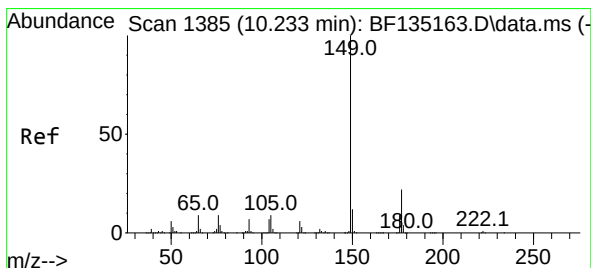
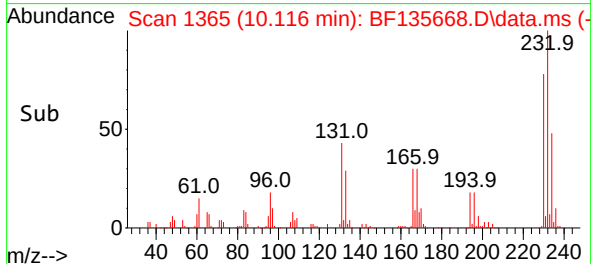
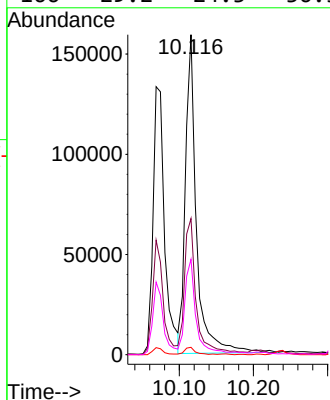
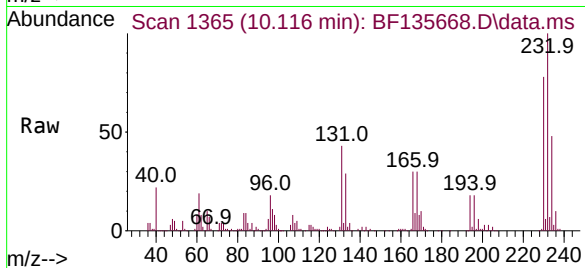




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.475 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

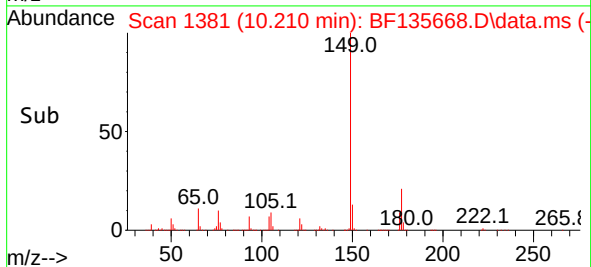
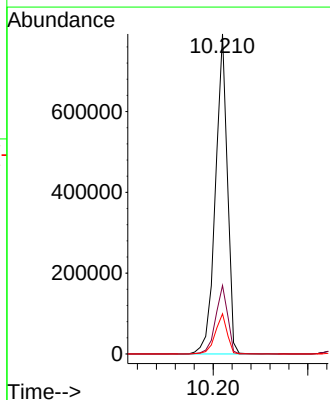
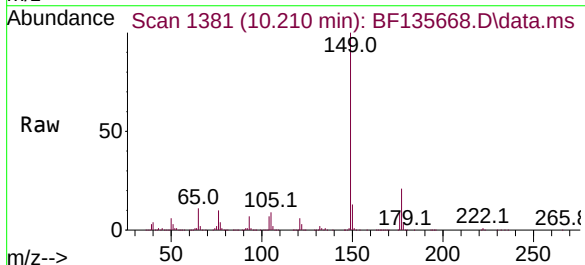
Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

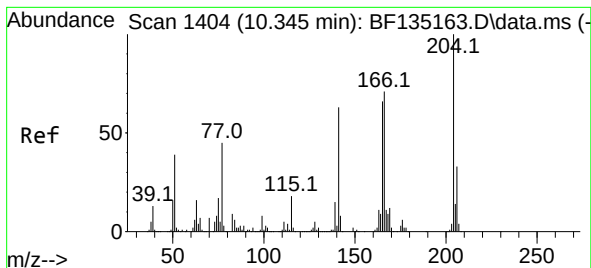
Tgt Ion:232 Resp: 165627
Ion Ratio Lower Upper
232 100
131 43.8 35.4 53.2
130 2.1 1.8 2.8
166 29.2 24.3 36.5



#60
Diethylphthalate
Concen: 49.916 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion:149 Resp: 688690
Ion Ratio Lower Upper
149 100
177 21.4 17.8 26.6
150 12.6 10.0 15.0

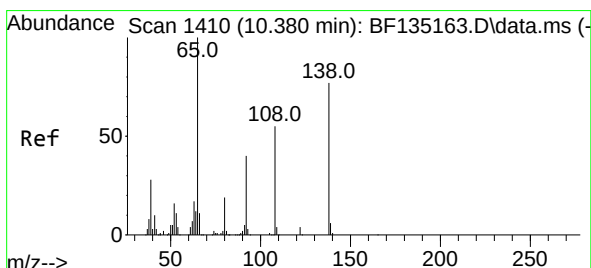
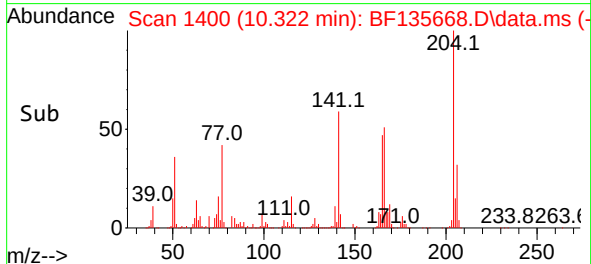
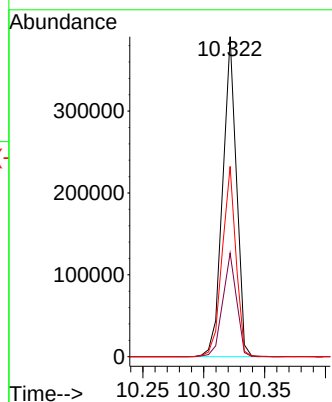
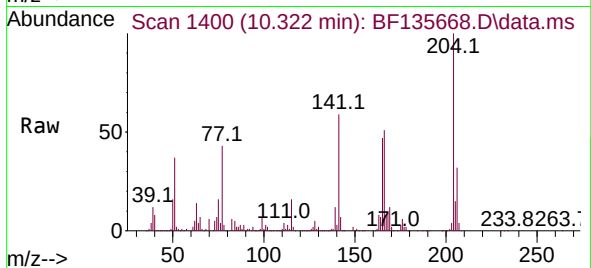




#61
4-Chlorophenyl-phenylether
Concen: 49.363 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

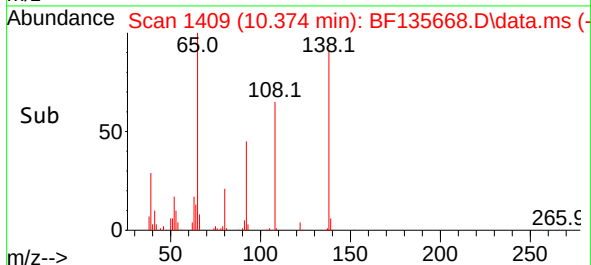
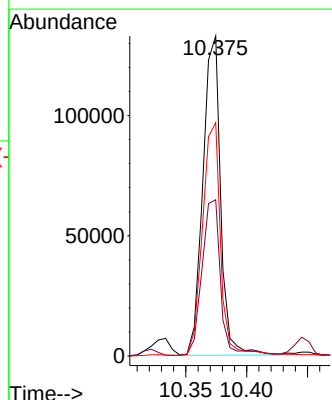
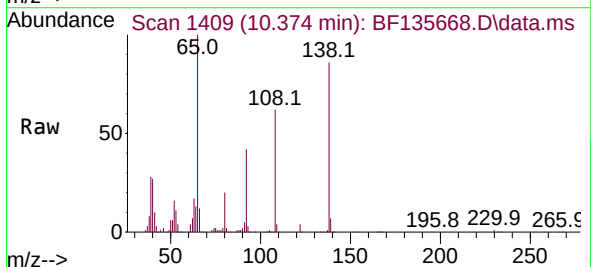
Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

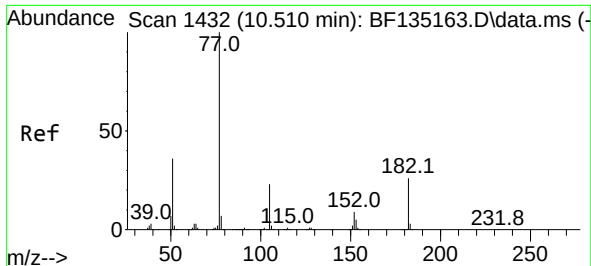
Tgt Ion:204 Resp: 309636
Ion Ratio Lower Upper
204 100
206 32.4 26.7 40.1
141 59.5 50.6 75.8



#62
4-Nitroaniline
Concen: 39.508 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.012 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion:138 Resp: 134254
Ion Ratio Lower Upper
138 100
92 48.8 31.8 71.8
108 72.9 52.0 92.0

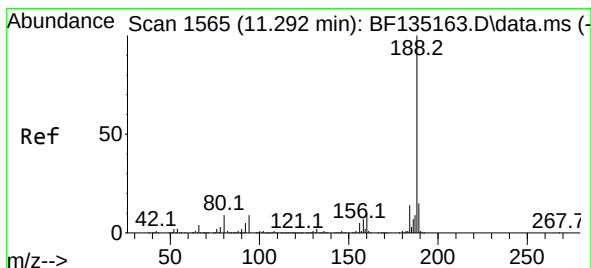
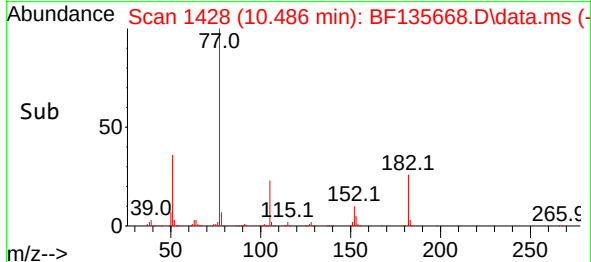
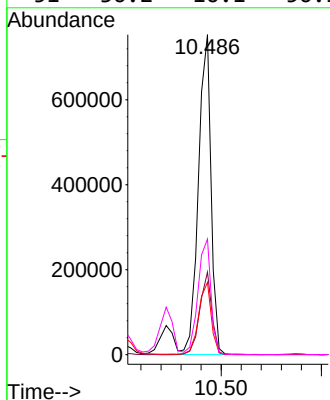
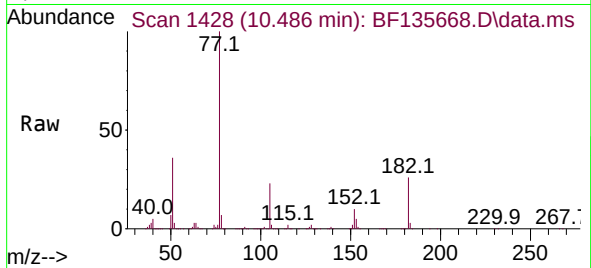




#63
Azobenzene
Concen: 48.880 ng
RT: 10.486 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

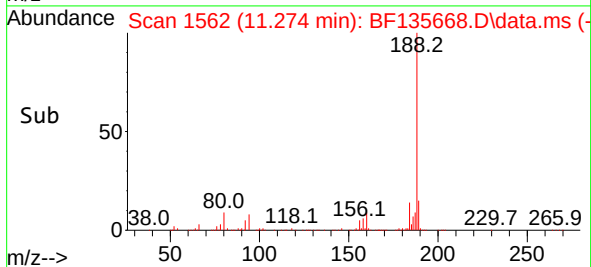
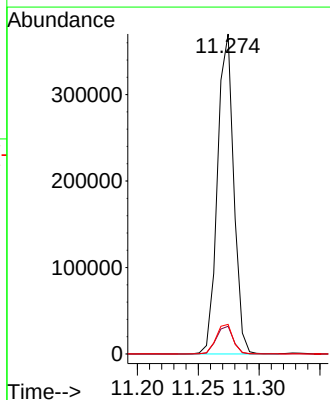
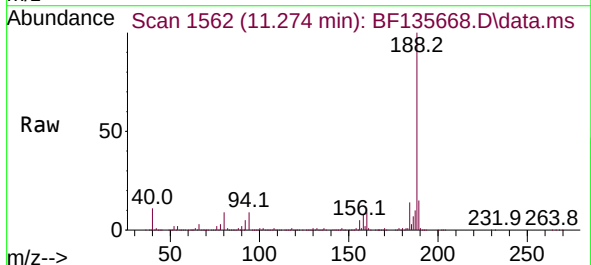
Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

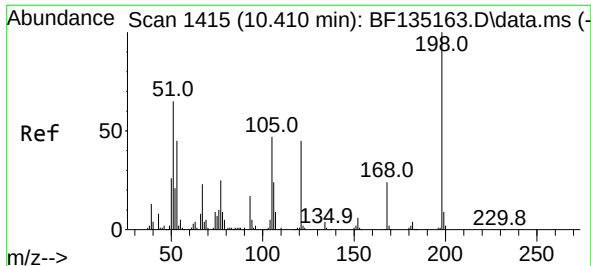
Tgt Ion: 77	Resp: 660019
Ion Ratio	Lower Upper
77 100	
182 25.8	6.4 46.4
105 22.6	3.1 43.1
51 36.2	16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion:188	Resp: 344735
Ion Ratio	Lower Upper
188 100	
94 8.7	7.0 10.6
80 9.3	7.5 11.3

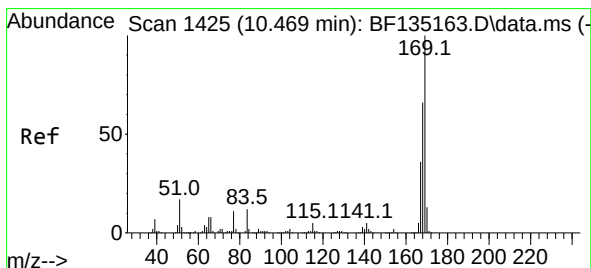
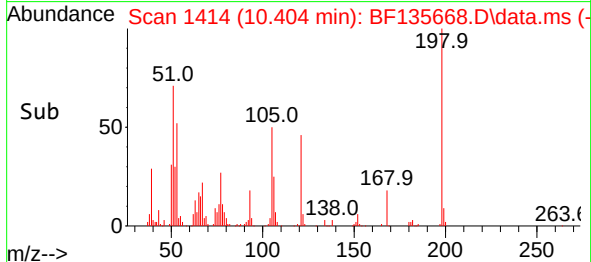
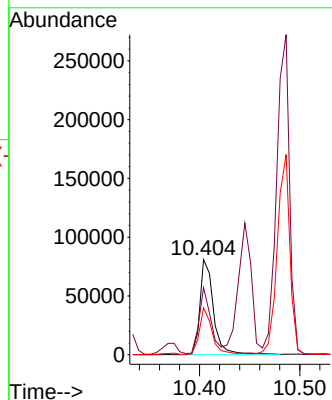
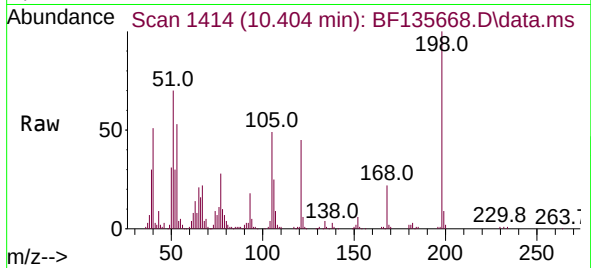




#65
4,6-Dinitro-2-methylphenol
Concen: 41.523 ng
RT: 10.404 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

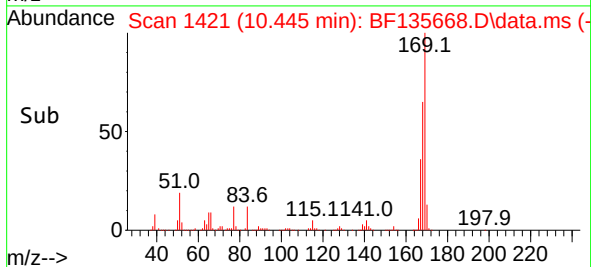
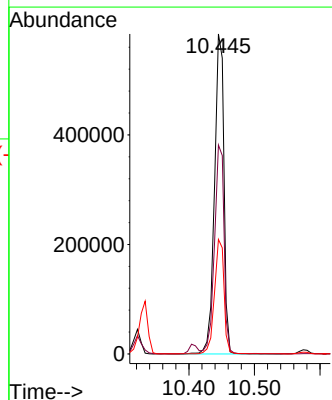
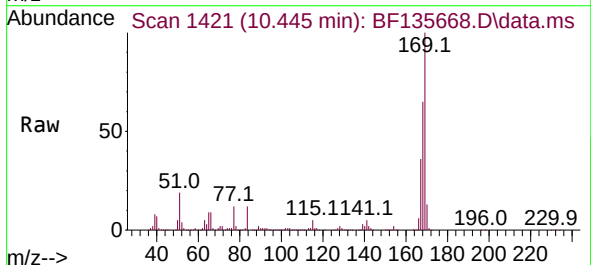
Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

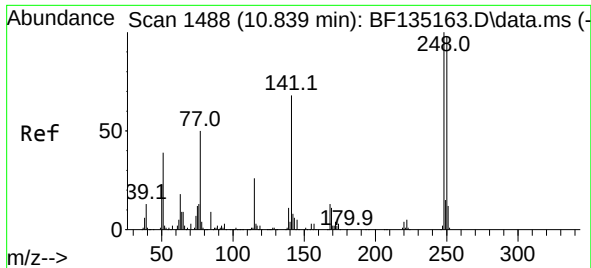
Tgt Ion:	198	Resp:	76028
Ion	Ratio	Lower	Upper
198	100		
51	70.5	47.7	87.7
105	49.3	27.4	67.4



#66
n-Nitrosodiphenylamine
Concen: 56.014 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion:	169	Resp:	584599
Ion	Ratio	Lower	Upper
169	100		
168	65.3	52.8	79.2
167	35.8	29.0	43.6

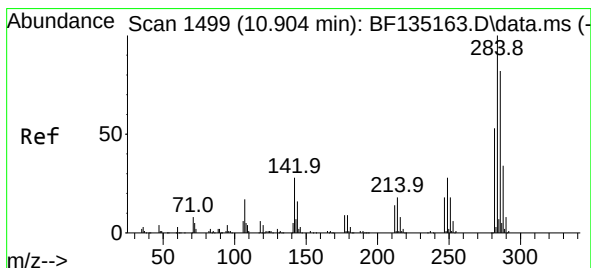
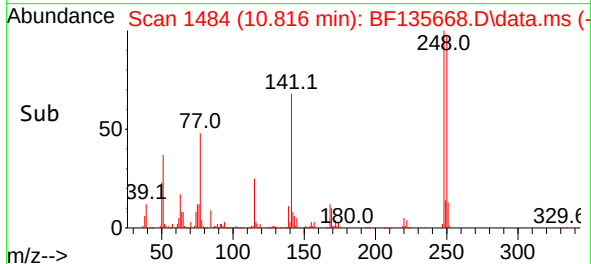
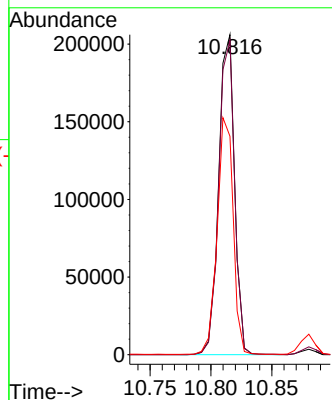
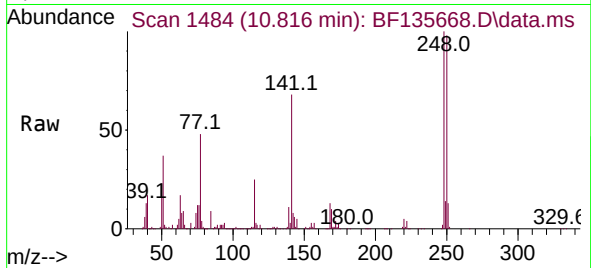




#67
4-Bromophenyl-phenylether
Concen: 54.673 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

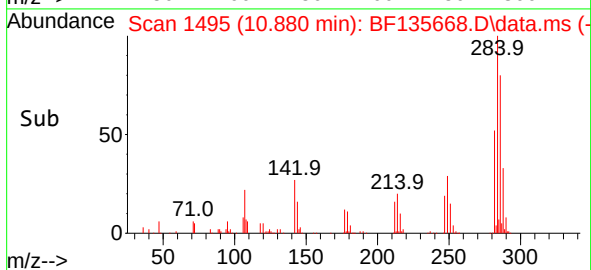
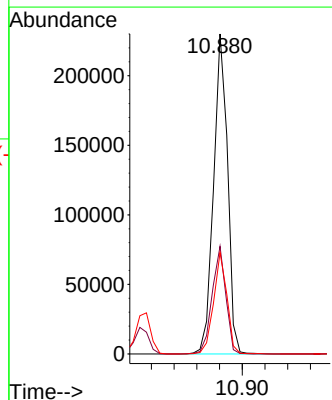
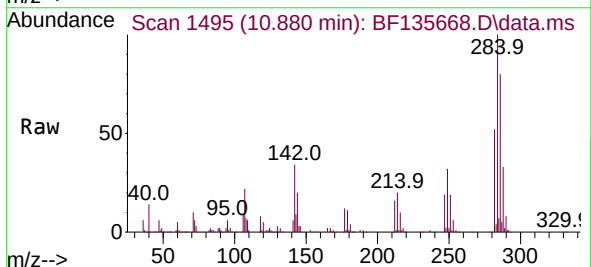
Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

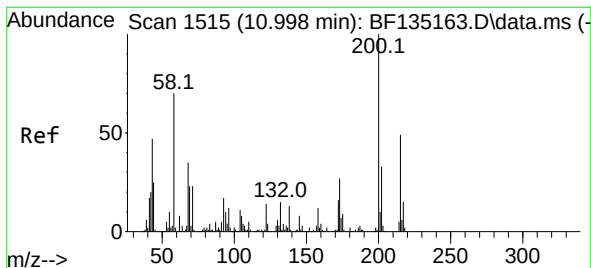
Tgt Ion:248 Resp: 187454
Ion Ratio Lower Upper
248 100
250 98.2 78.6 117.8
141 68.3 54.2 81.2



#68
Hexachlorobenzene
Concen: 56.123 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion:284 Resp: 196037
Ion Ratio Lower Upper
284 100
142 33.7 22.2 33.4#
249 31.7 22.5 33.7





#69

Atrazine

Concen: 65.011 ng

RT: 10.980 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

Instrument :

BNA_F

ClientSampleId :

DTP-1MSD

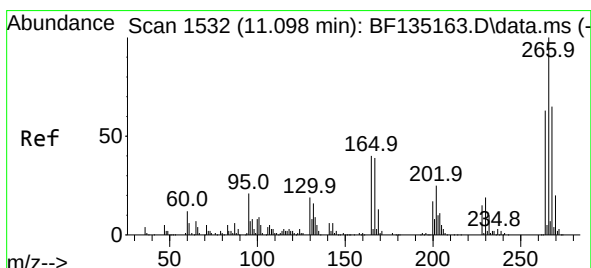
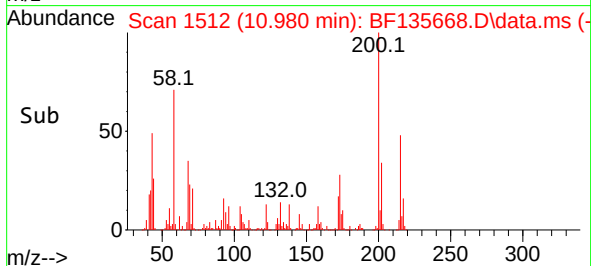
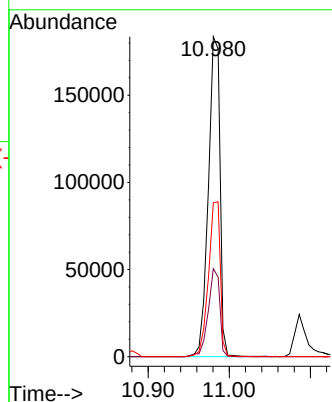
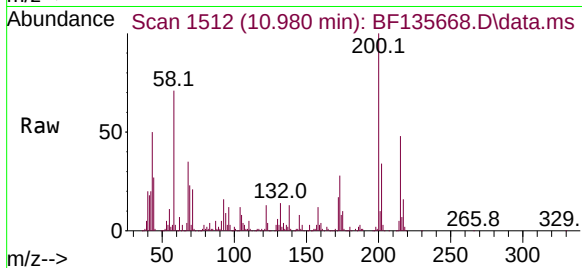
Tgt Ion:200 Resp: 182566

Ion Ratio Lower Upper

200 100

173 27.5 7.4 47.4

215 48.1 28.6 68.6



#70

Pentachlorophenol

Concen: 79.096 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

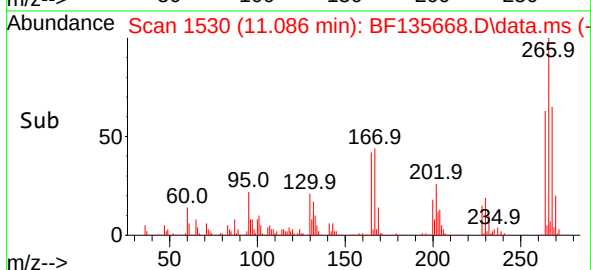
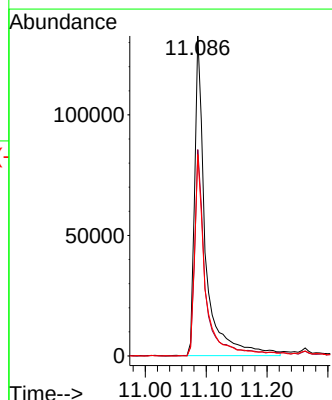
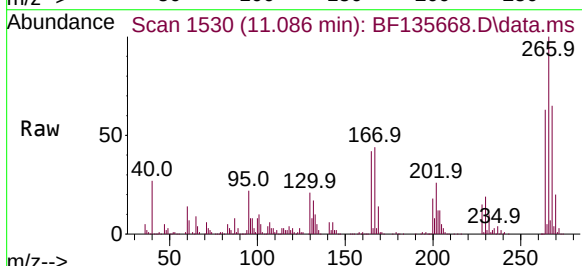
Tgt Ion:266 Resp: 165299

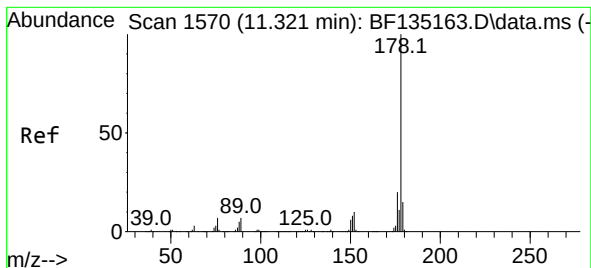
Ion Ratio Lower Upper

266 100

268 64.5 52.1 78.1

264 63.0 50.8 76.2





#71

Phenanthrene

Concen: 51.492 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.006 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

Instrument :

BNA_F

ClientSampleId :

DTP-1MSD

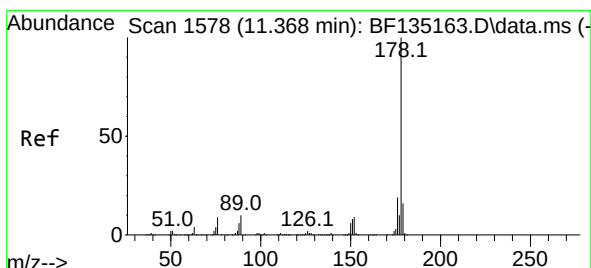
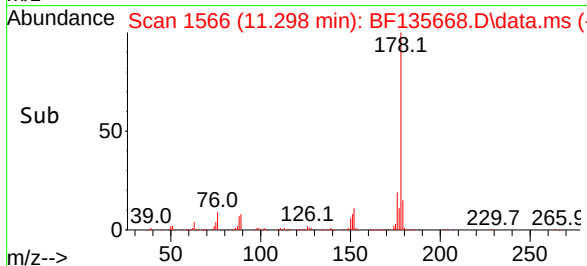
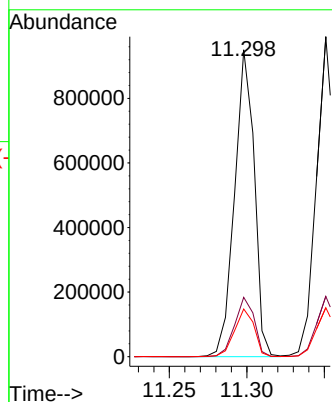
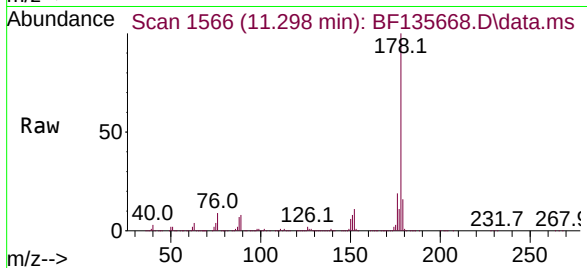
Tgt Ion:178 Resp: 839554

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 15.6 12.0 18.0



#72

Anthracene

Concen: 51.027 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

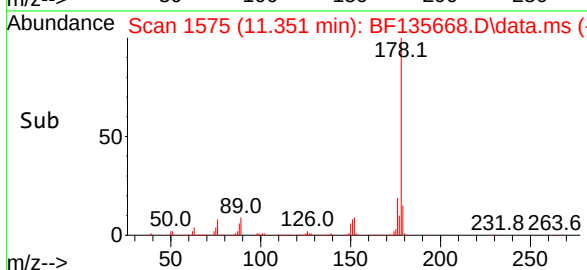
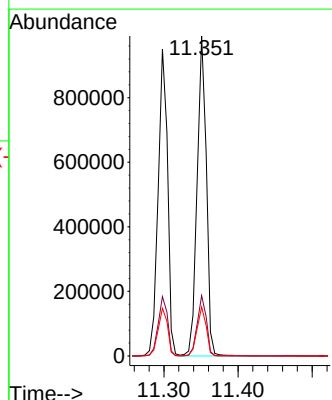
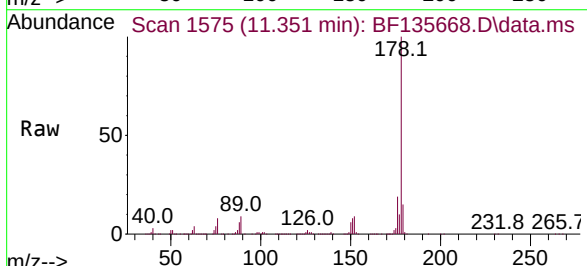
Tgt Ion:178 Resp: 855173

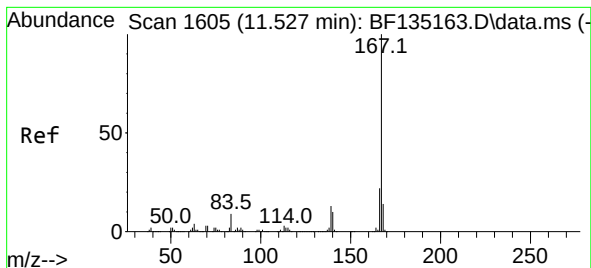
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 15.3 12.6 19.0





#73

Carbazole

Concen: 53.294 ng

RT: 11.516 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

Instrument :

BNA_F

ClientSampleId :

DTP-1MSD

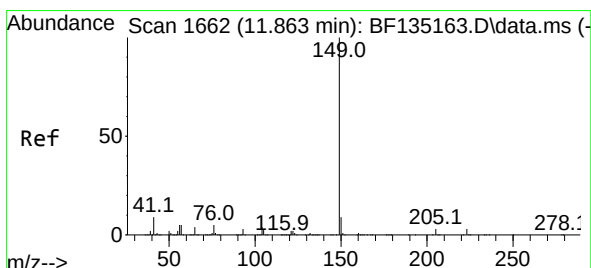
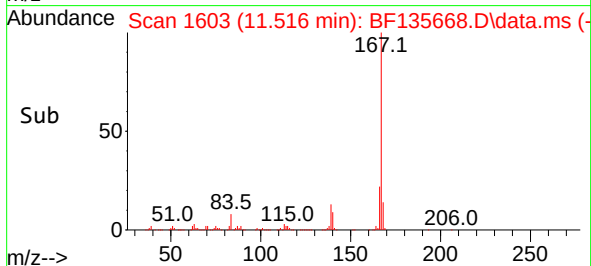
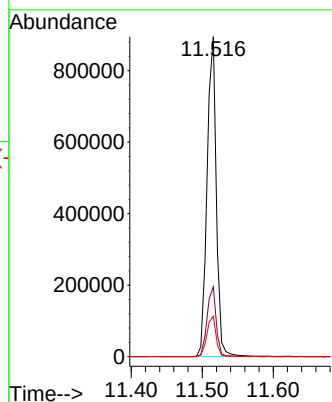
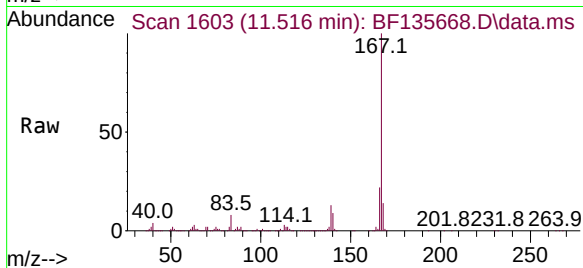
Tgt Ion:167 Resp: 813068

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

139 12.7 10.6 15.8



#74

Di-n-butylphthalate

Concen: 57.062 ng

RT: 11.839 min Scan# 1658

Delta R.T. 0.006 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

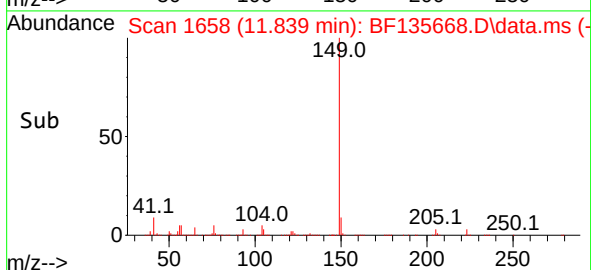
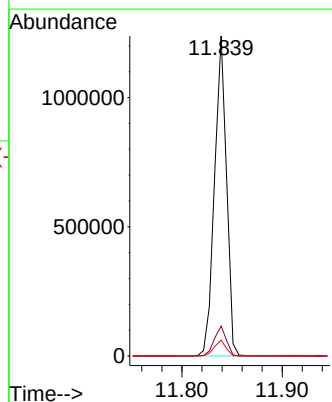
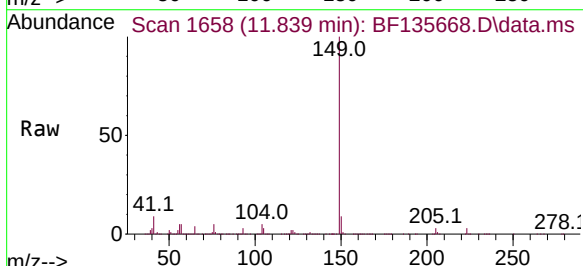
Tgt Ion:149 Resp: 1025818

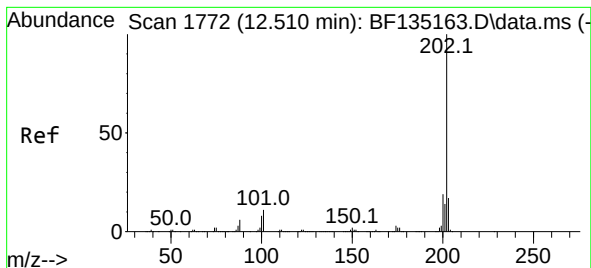
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.0 3.6 5.4





#75

Fluoranthene

Concen: 47.799 ng

RT: 12.492 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

Instrument :

BNA_F

ClientSampleId :

DTP-1MSD

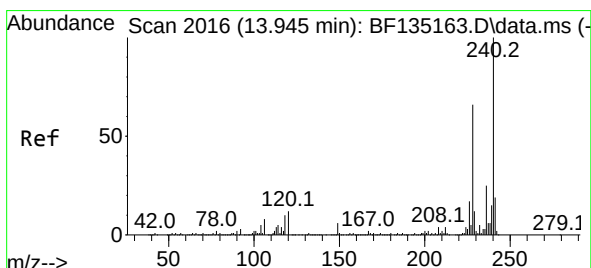
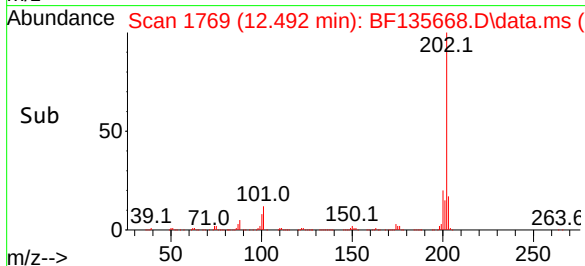
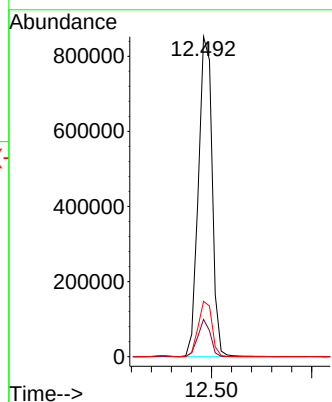
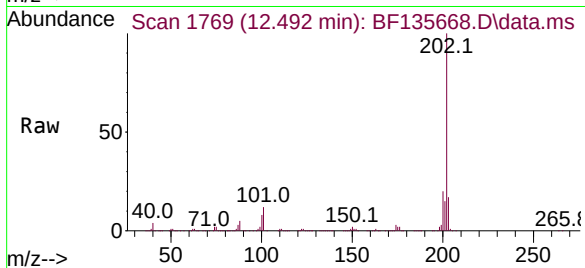
Tgt Ion:202 Resp: 812067

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.3

203 17.3 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

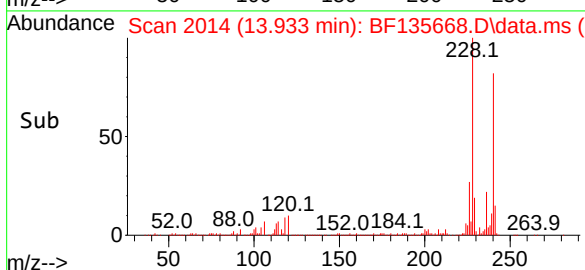
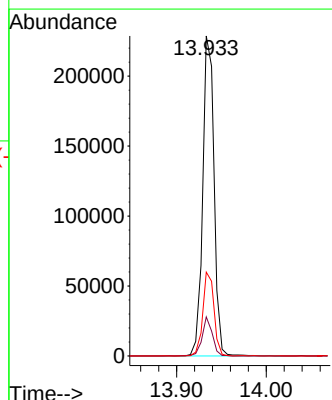
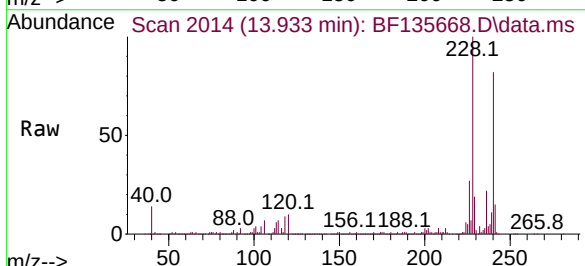
Tgt Ion:240 Resp: 200558

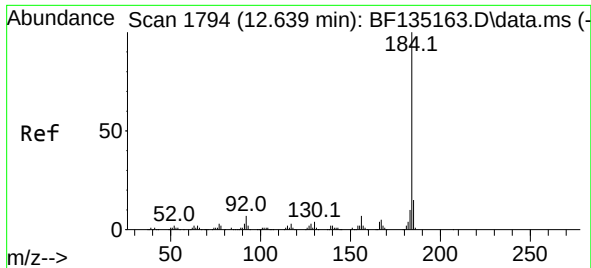
Ion Ratio Lower Upper

240 100

120 12.2 9.4 14.2

236 26.2 19.8 29.8

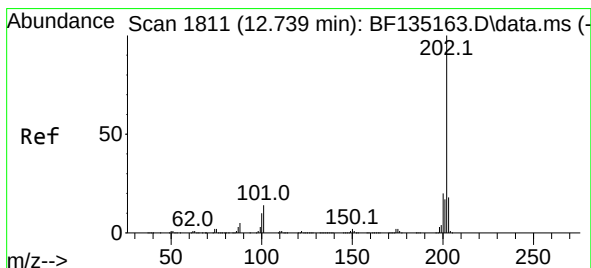
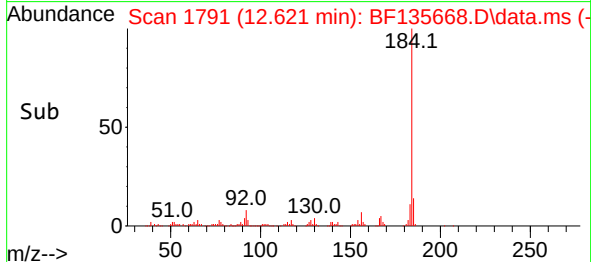
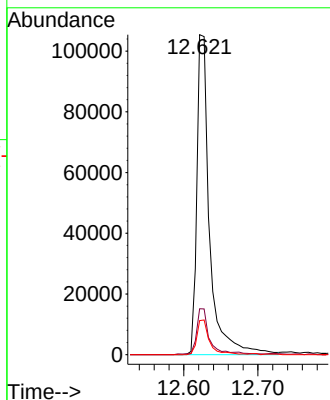
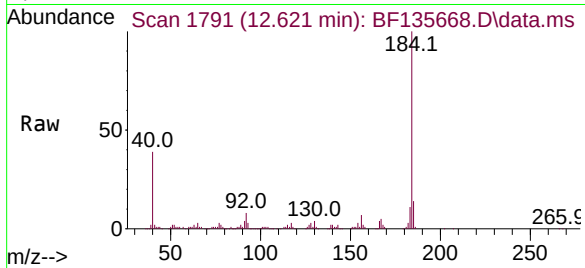




#77
Benzidine
Concen: 30.603 ng
RT: 12.621 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

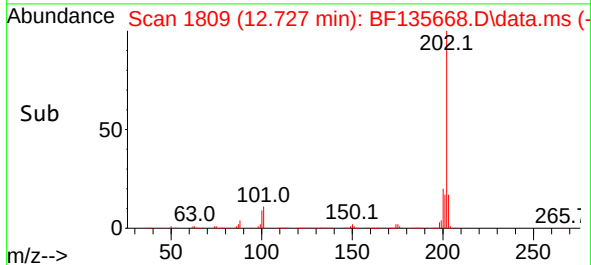
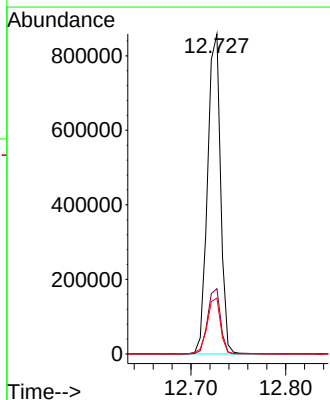
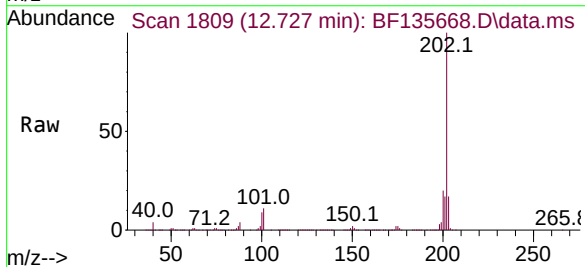
Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

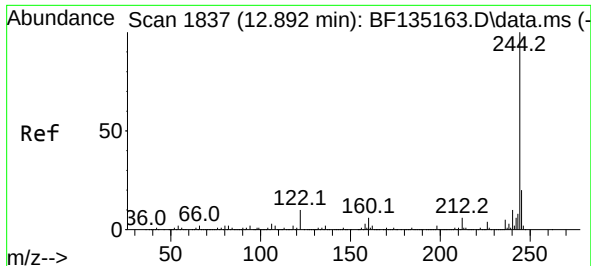
Tgt Ion:184 Resp: 125740
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 10.6 8.2 12.4



#78
Pyrene
Concen: 42.763 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.012 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion:202 Resp: 816554
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 17.5 14.2 21.4

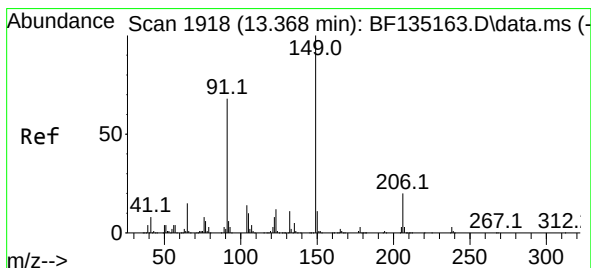
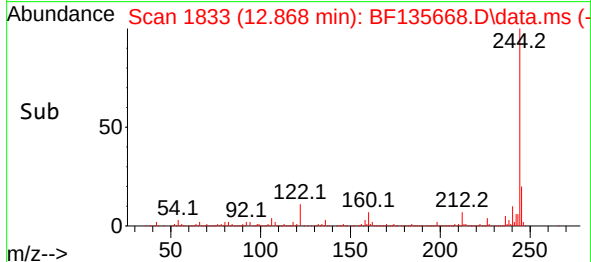
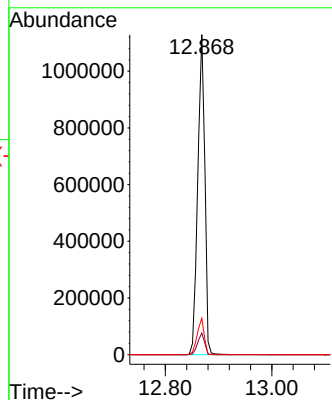
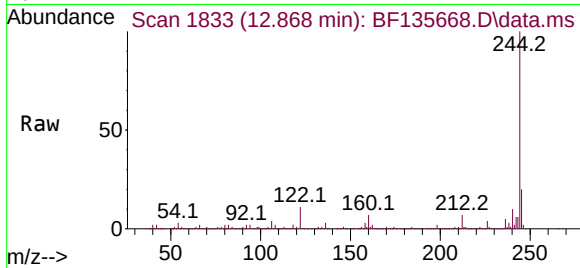




#79
 Terphenyl-d14
 Concen: 80.690 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135668.D
 Acq: 10 Oct 2023 00:15

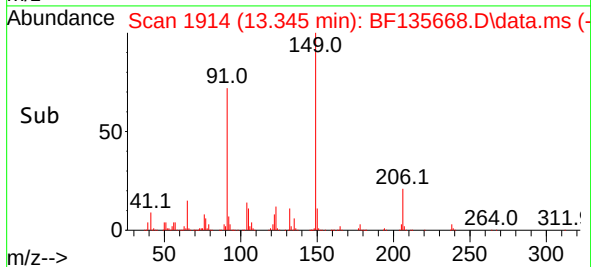
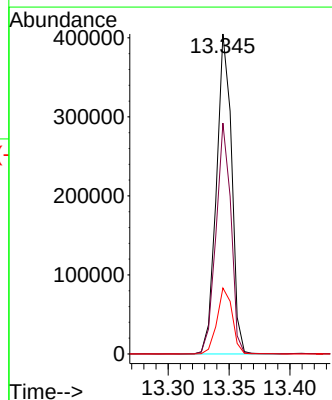
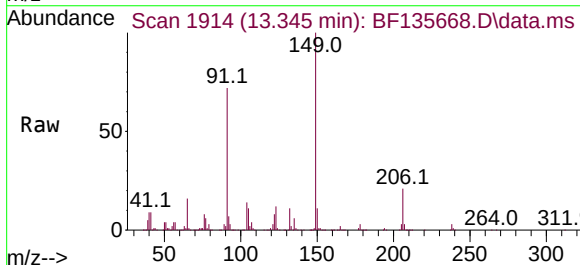
Instrument :
 BNA_F
 ClientSampleId :
 DTP-1MSD

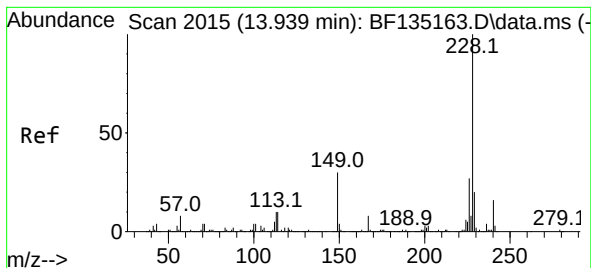
Tgt Ion:244 Resp: 1043932
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 11.3 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 52.288 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. 0.006 min
 Lab File: BF135668.D
 Acq: 10 Oct 2023 00:15

Tgt Ion:149 Resp: 351530
 Ion Ratio Lower Upper
 149 100
 91 72.2 54.7 82.1
 206 20.6 16.3 24.5





#81

Benzo(a)anthracene

Concen: 52.411 ng

RT: 13.927 min Scan# 2015

Delta R.T. 0.012 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

Instrument :

BNA_F

ClientSampleId :

DTP-1MSD

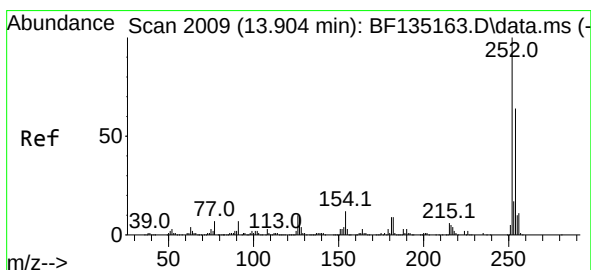
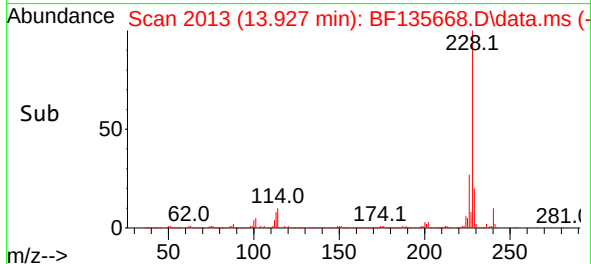
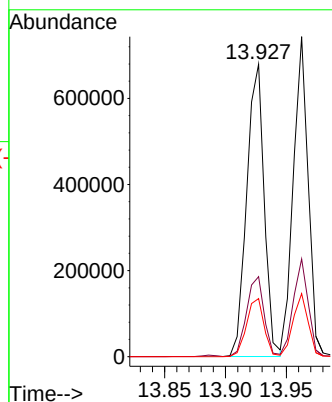
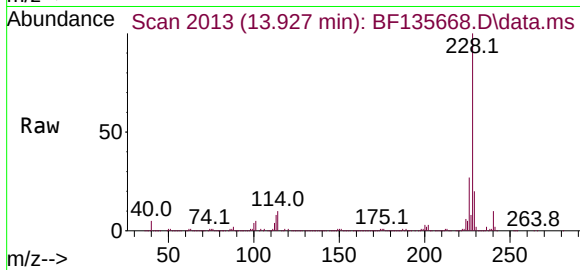
Tgt Ion:228 Resp: 678751

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 41.291 ng

RT: 13.886 min Scan# 2006

Delta R.T. 0.006 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

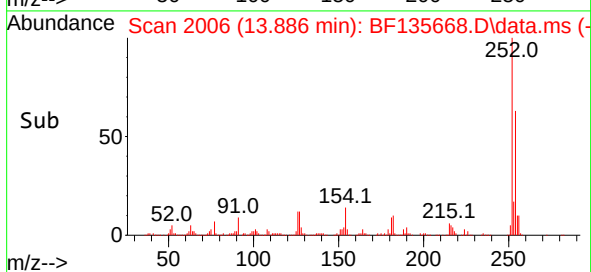
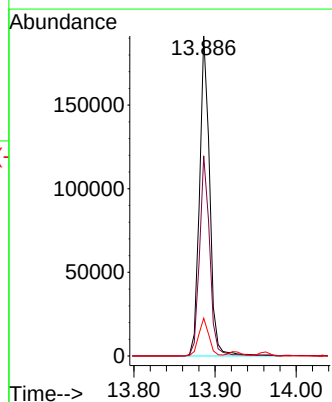
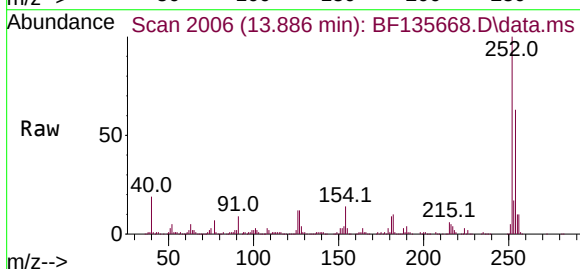
Tgt Ion:252 Resp: 167027

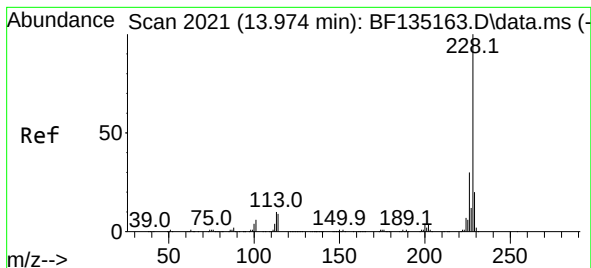
Ion Ratio Lower Upper

252 100

254 62.6 51.0 76.4

126 11.8 7.8 11.8#





#83

Chrysene

Concen: 49.238 ng

RT: 13.963 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

Instrument :

BNA_F

ClientSampleId :

DTP-1MSD

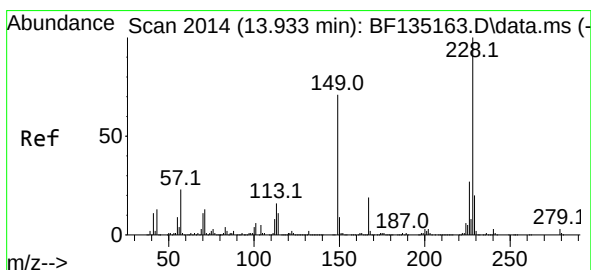
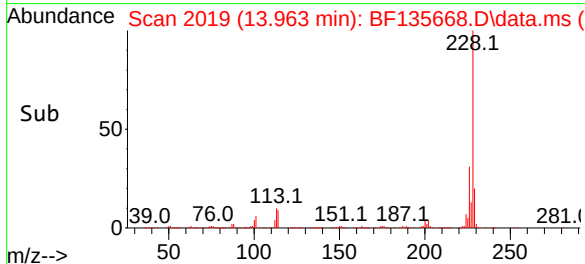
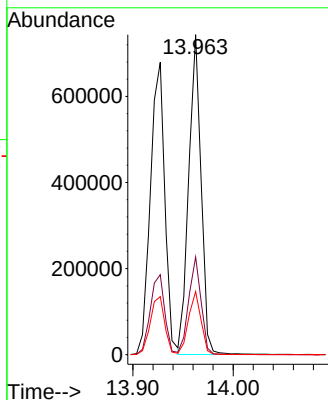
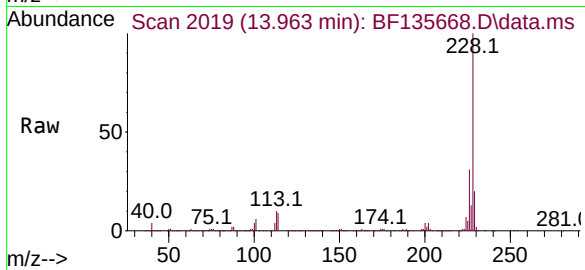
Tgt Ion:228 Resp: 633981

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 69.539 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

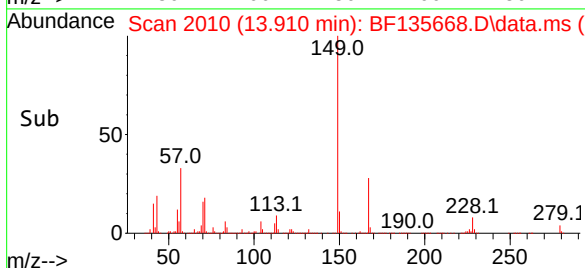
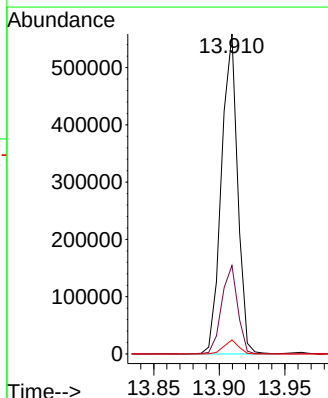
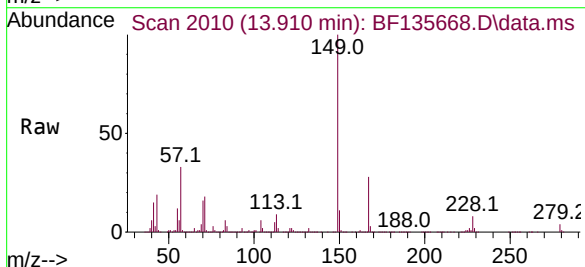
Tgt Ion:149 Resp: 479739

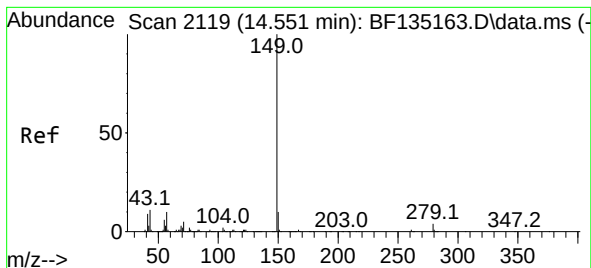
Ion Ratio Lower Upper

149 100

167 27.7 21.9 32.9

279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 72.797 ng

RT: 14.527 min Scan# 2115

Delta R.T. 0.006 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

Instrument :

BNA_F

ClientSampleId :

DTP-1MSD

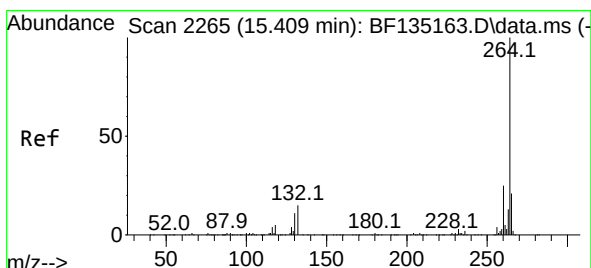
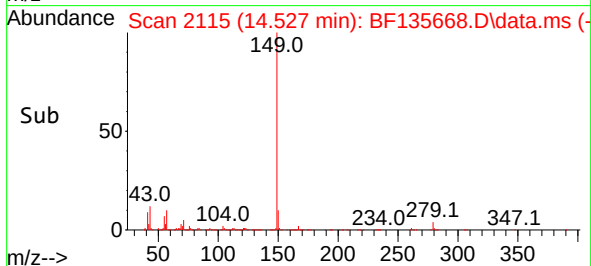
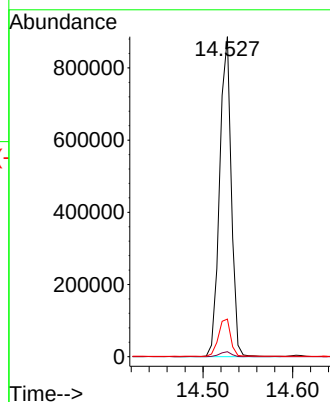
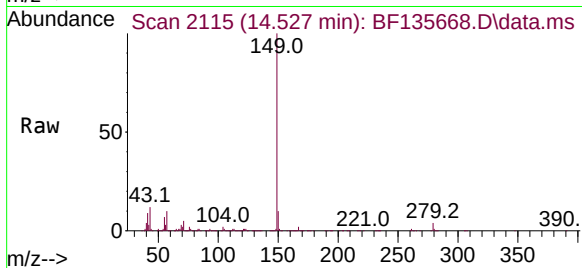
Tgt Ion:149 Resp: 798123

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.4 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

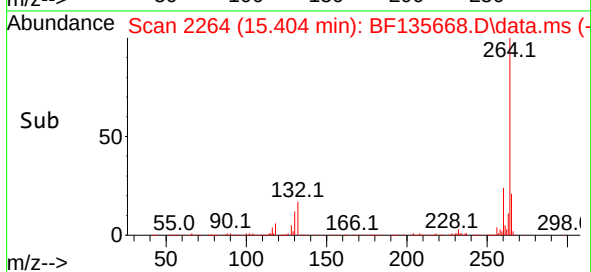
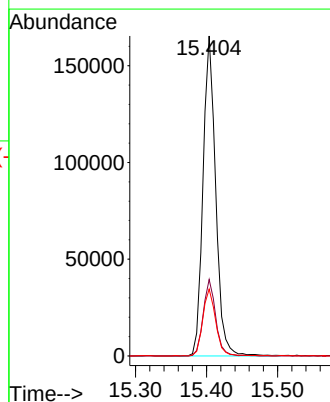
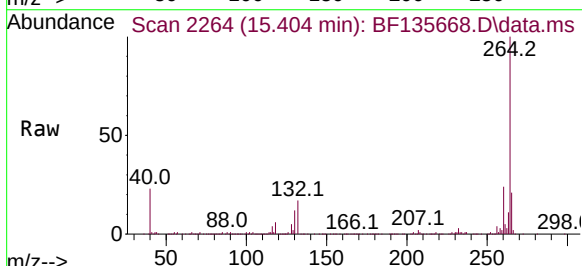
Tgt Ion:264 Resp: 205889

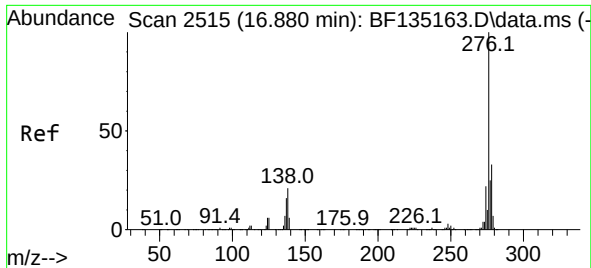
Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

265 20.9 17.0 25.4

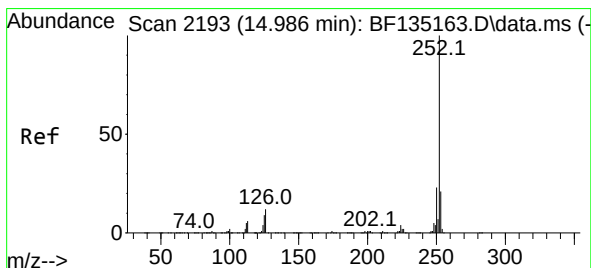
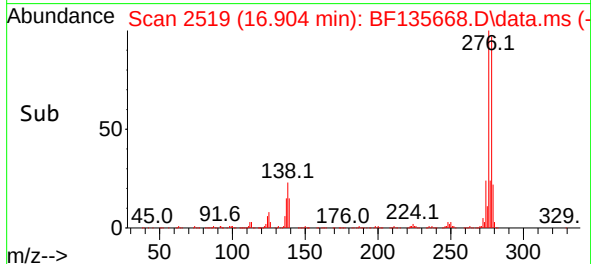
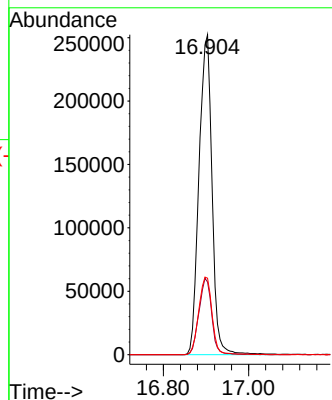
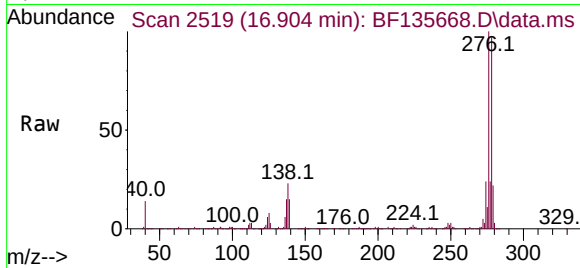




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.601 ng
 RT: 16.904 min Scan# 2119
 Delta R.T. 0.035 min
 Lab File: BF135668.D
 Acq: 10 Oct 2023 00:15

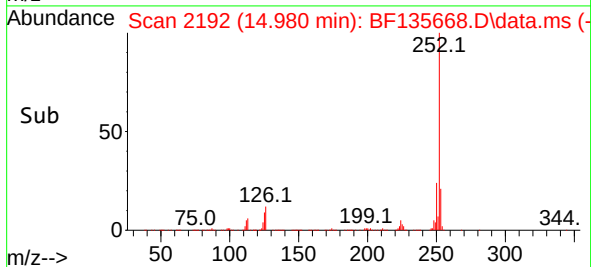
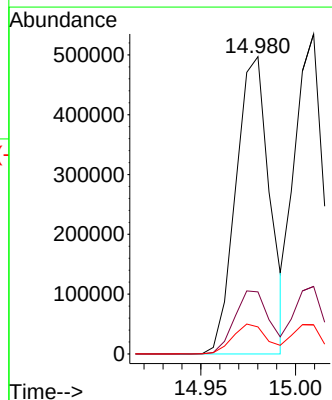
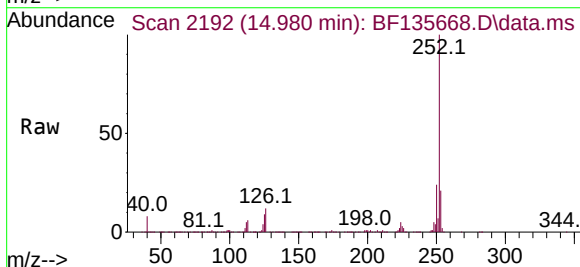
Instrument :
 BNA_F
 ClientSampleId :
 DTP-1MSD

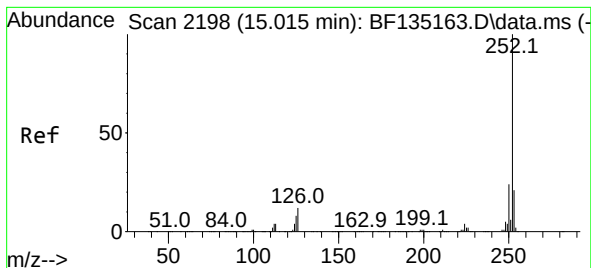
Tgt Ion:276 Resp: 534597
 Ion Ratio Lower Upper
 276 100
 138 23.3 19.2 28.8
 277 24.8 19.7 29.5



#88
 Benzo(b)fluoranthene
 Concen: 55.436 ng
 RT: 14.980 min Scan# 2192
 Delta R.T. 0.018 min
 Lab File: BF135668.D
 Acq: 10 Oct 2023 00:15

Tgt Ion:252 Resp: 617861
 Ion Ratio Lower Upper
 252 100
 253 20.9 17.2 25.8
 125 9.1 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 51.516 ng

RT: 15.009 min Scan# 2198

Delta R.T. 0.018 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

Instrument :

BNA_F

ClientSampleId :

DTP-1MSD

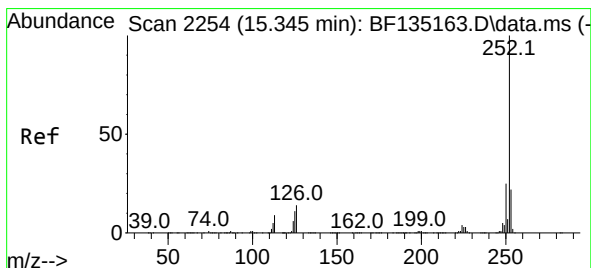
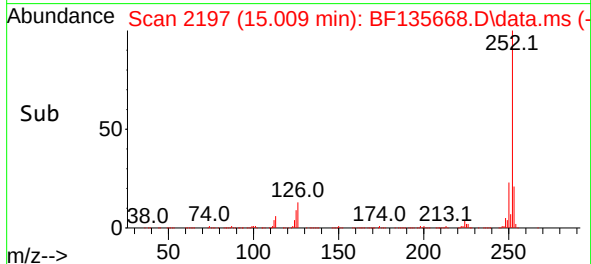
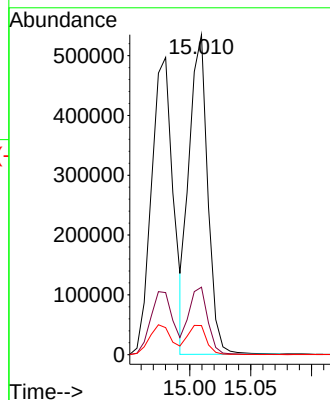
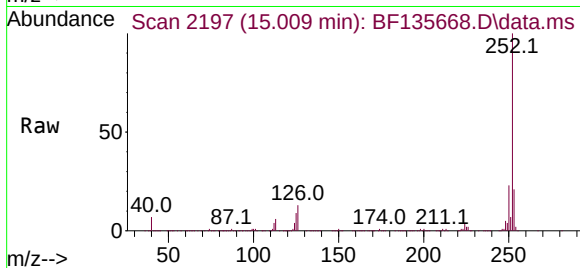
Tgt Ion:252 Resp: 567183

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

125 9.1 7.2 10.8



#90

Benzo(a)pyrene

Concen: 48.852 ng

RT: 15.345 min Scan# 2254

Delta R.T. 0.018 min

Lab File: BF135668.D

Acq: 10 Oct 2023 00:15

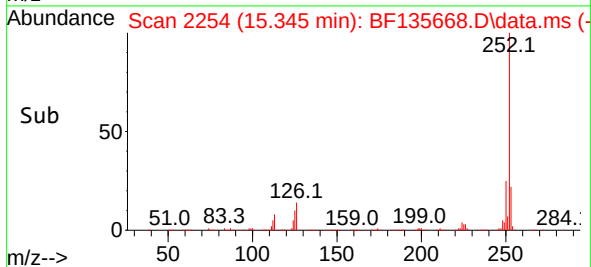
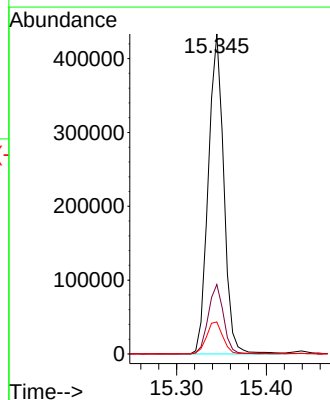
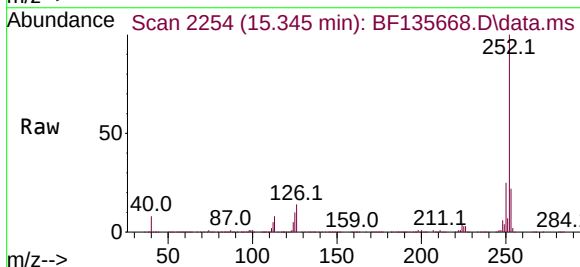
Tgt Ion:252 Resp: 519233

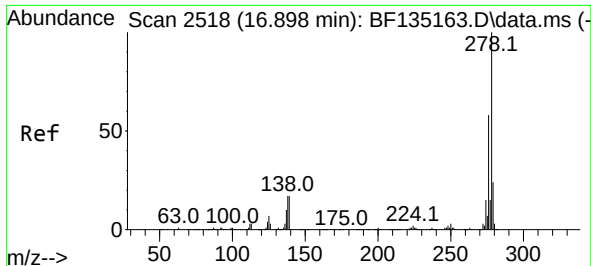
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.0 9.2 13.8

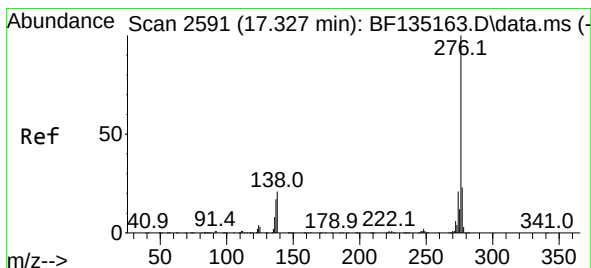
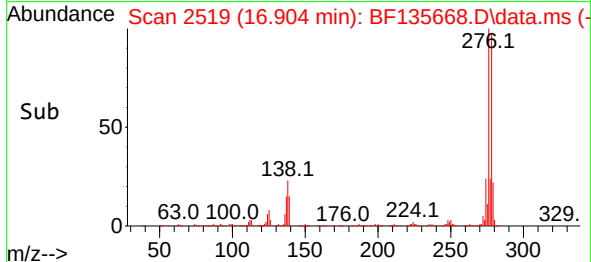
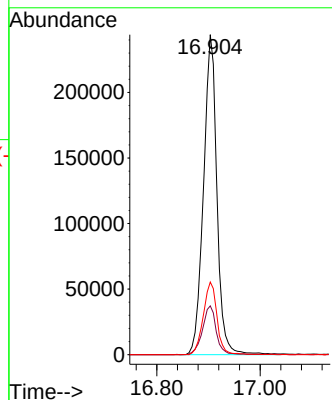
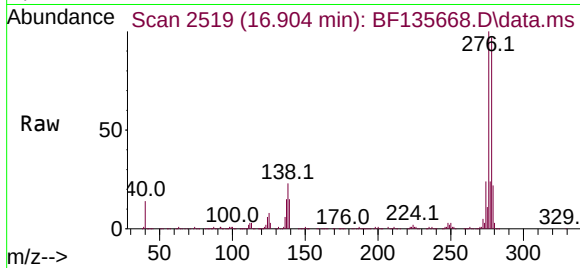




#91
Dibenzo(a,h)anthracene
Concen: 39.795 ng
RT: 16.904 min Scan# 2518
Delta R.T. 0.024 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Instrument :
BNA_F
ClientSampleId :
DTP-1MSD

Tgt Ion:278 Resp: 439558
Ion Ratio Lower Upper
278 100
139 15.2 13.4 20.0
279 22.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 36.045 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.029 min
Lab File: BF135668.D
Acq: 10 Oct 2023 00:15

Tgt Ion:276 Resp: 415801
Ion Ratio Lower Upper
276 100
277 24.4 18.8 28.2
138 20.6 16.9 25.3

