

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135774.D
 Acq On : 16 Oct 2023 13:43
 Operator : CG\JU
 Sample : 04685-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PP-20230928-B6A-0-7.5MSD

Quant Time: Oct 17 01:30:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	96070	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	363107	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	187197	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	362184	20.000	ng	0.00
76) Chrysene-d12	13.945	240	186522	20.000	ng	0.00
86) Perylene-d12	15.415	264	206780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	649688	108.727	ng	0.00
7) Phenol-d6	6.392	99	751622	100.812	ng	0.00
23) Nitrobenzene-d5	7.310	82	473690	71.749	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	189278	105.371	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	847153	70.756	ng	0.00
79) Terphenyl-d14	12.869	244	871700	86.548	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.499	88	140157	48.628	ng	97
3) Pyridine	3.246	79	324360	45.867	ng	98
4) n-Nitrosodimethylamine	3.216	42	215105	56.562	ng	97
6) Aniline	6.404	93	286293	30.513	ng	# 39
8) 2-Chlorophenol	6.528	128	347621	53.947	ng	96
9) Benzaldehyde	6.298	77	65910	15.532	ng	99
10) Phenol	6.410	94	412367	52.785	ng	# 80
11) bis(2-Chloroethyl)ether	6.481	93	335789	53.345	ng	98
12) 1,3-Dichlorobenzene	6.675	146	351669	53.833	ng	99
13) 1,4-Dichlorobenzene	6.757	146	361433	54.616	ng	99
14) 1,2-Dichlorobenzene	6.904	146	328156	55.073	ng	100
15) Benzyl Alcohol	6.892	79	275011	55.475	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	594788	52.246	ng	89
17) 2-Methylphenol	7.010	107	272130	48.784	ng	97
18) Hexachloroethane	7.239	117	132297	55.137	ng	93
19) n-Nitroso-di-n-propyla...	7.157	70	230636	50.030	ng	98
20) 3+4-Methylphenols	7.163	107	346867	49.879	ng	92
22) Acetophenone	7.151	105	463320	55.637	ng	# 99
24) Nitrobenzene	7.328	77	357345	53.931	ng	99
25) Isophorone	7.569	82	657594	52.797	ng	99
26) 2-Nitrophenol	7.645	139	181797	56.221	ng	97
27) 2,4-Dimethylphenol	7.687	122	259397	48.729	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	405891	54.721	ng	99
29) 2,4-Dichlorophenol	7.892	162	281516	56.433	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	285151	55.888	ng	99
31) Naphthalene	8.039	128	941637	53.167	ng	98
32) Benzoic acid	7.845	122	182297	50.592	ng	97
33) 4-Chloroaniline	8.104	127	125490	16.220	ng	98
34) Hexachlorobutadiene	8.151	225	171604	56.822	ng	98
35) Caprolactam	8.534	113	24615	14.434	ng	91
36) 4-Chloro-3-methylphenol	8.604	107	300838	54.380	ng	97
37) 2-Methylnaphthalene	8.733	142	604386	51.795	ng	98
38) 1-Methylnaphthalene	8.834	142	570041	52.965	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	293091	54.429	ng	99
41) Hexachlorocyclopentadiene	8.881	237	80988	76.099	ng	96
43) 2,4,6-Trichlorophenol	9.022	196	190413	54.874	ng	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	198298	49.133	ng	98
46) 1,1'-Biphenyl	9.204	154	765238	53.365	ng	99
47) 2-Chloronaphthalene	9.228	162	574762	55.616	ng	99
48) 2-Nitroaniline	9.339	65	216784	53.143	ng	98
49) Acenaphthylene	9.639	152	923801	54.016	ng	99
50) Dimethylphthalate	9.510	163	666189	52.717	ng	100
51) 2,6-Dinitrotoluene	9.581	165	149321	54.947	ng	100
52) Acenaphthene	9.816	154	548085	53.467	ng	100
53) 3-Nitroaniline	9.751	138	129705	38.935	ng	97
54) 2,4-Dinitrophenol	9.875	184	112059	98.785	ng	90
55) Dibenzofuran	9.986	168	817384	52.846	ng	100
56) 4-Nitrophenol	9.939	139	159056	102.545	ng	90
57) 2,4-Dinitrotoluene	9.998	165	189723	54.876	ng	94
58) Fluorene	10.333	166	650483	53.720	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	162498	53.277	ng	98
60) Diethylphthalate	10.210	149	686129	53.184	ng	100
61) 4-Chlorophenyl-phenyle...	10.322	204	310000	52.971	ng	97
62) 4-Nitroaniline	10.375	138	151144	49.312	ng	97
63) Azobenzene	10.486	77	675986	53.932	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	87696	48.112	ng	99
66) n-Nitrosodiphenylamine	10.451	169	586632	53.140	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	192555	52.962	ng	98
68) Hexachlorobenzene	10.886	284	208253	56.261	ng	97
69) Atrazine	10.980	200	186007	61.947	ng	99
70) Pentachlorophenol	11.092	266	149842	102.638	ng	97
71) Phenanthrene	11.298	178	933919	53.827	ng	99
72) Anthracene	11.351	178	948009	52.729	ng	100
73) Carbazole	11.516	167	870207	51.897	ng	100
74) Di-n-butylphthalate	11.839	149	1139592	55.355	ng	100
75) Fluoranthene	12.498	202	973279	50.543	ng	98
77) Benzidine	12.627	184	160893	39.531	ng	98
78) Pyrene	12.727	202	969413	65.404	ng	100
80) Butylbenzylphthalate	13.351	149	426626	65.501	ng	97
81) Benzo(a)anthracene	13.933	228	708279	57.812	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	155337	38.230	ng	98
83) Chrysene	13.968	228	648426	54.643	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	560280	63.468	ng	100
85) Di-n-octyl phthalate	14.527	149	876652	62.626	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	696387	61.808	ng	99
88) Benzo(b)fluoranthene	14.986	252	651133	56.264	ng	99
89) Benzo(k)fluoranthene	15.015	252	555108	49.407	ng	99
90) Benzo(a)pyrene	15.357	252	559001	51.368	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	572764	62.012	ng	99
92) Benzo(g,h,i)perylene	17.374	276	553508	58.340	ng	98

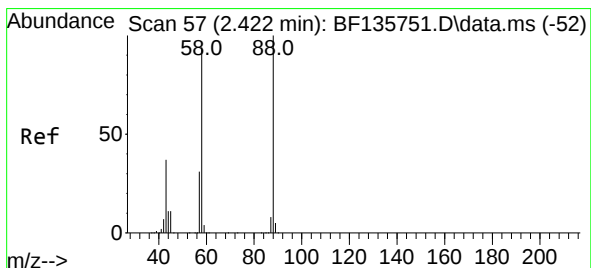
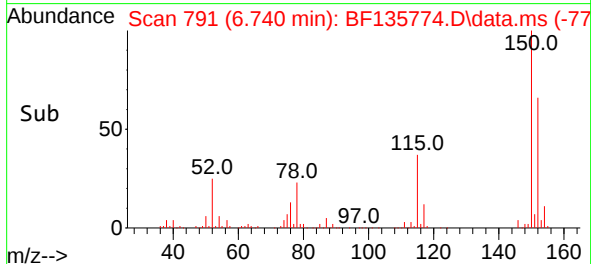
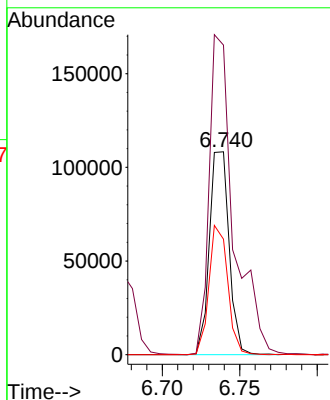
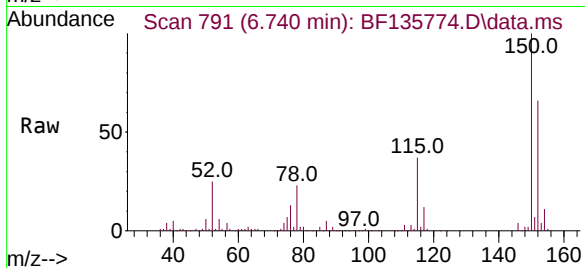
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF135774.D
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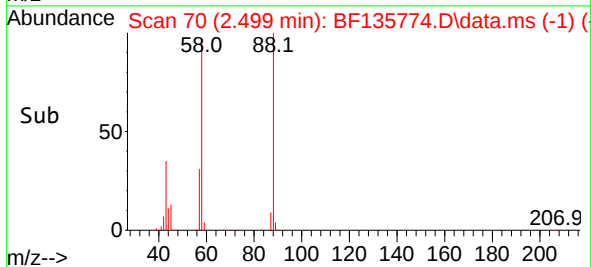
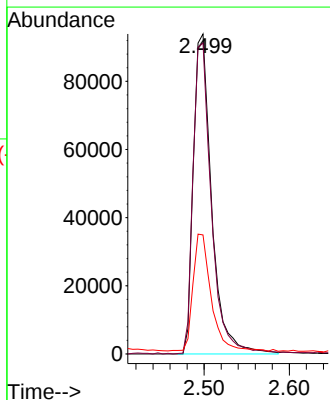
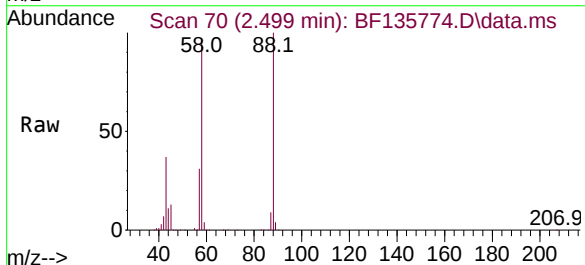
Instrument :
BNA_F
ClientSampleId :
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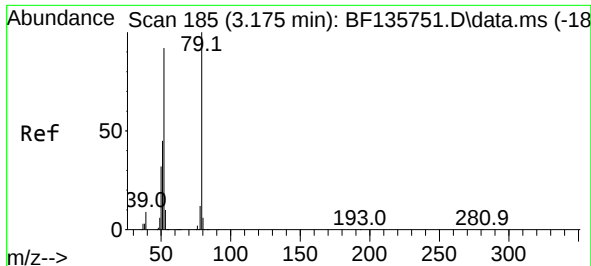
Tgt Ion:152 Resp: 96070
Ion Ratio Lower Upper
152 100
150 152.6 124.5 186.7
115 57.0 49.0 73.4



#2
1,4-Dioxane
Concen: 48.628 ng
RT: 2.499 min Scan# 70
Delta R.T. 0.059 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion: 88 Resp: 140157
Ion Ratio Lower Upper
88 100
58 98.2 76.1 114.1
43 36.4 29.8 44.8

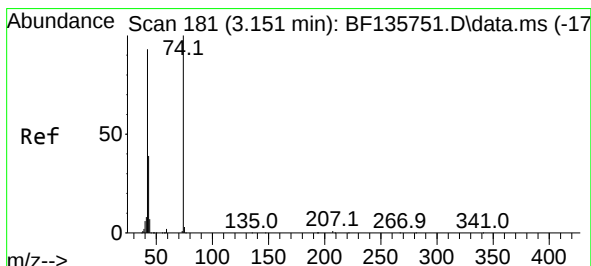
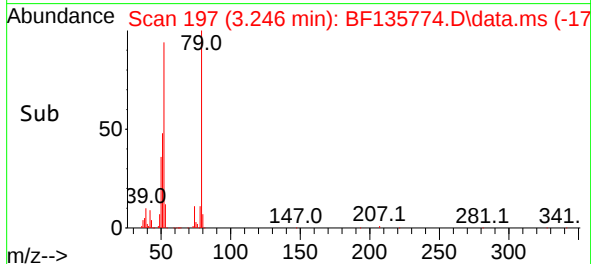
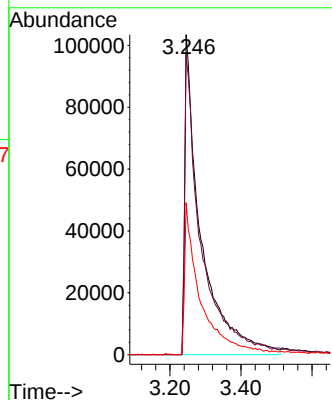
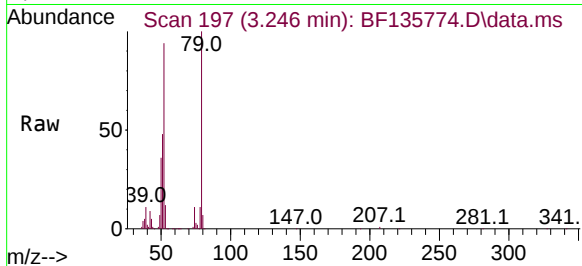




#3
Pyridine
Concen: 45.867 ng
RT: 3.246 min Scan# 191
Delta R.T. 0.059 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

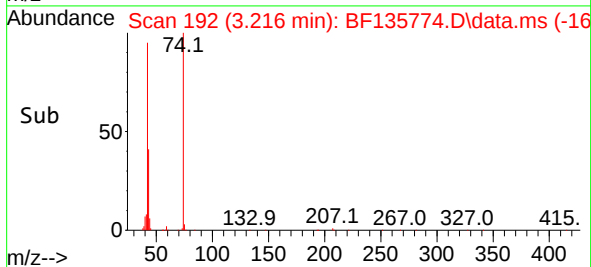
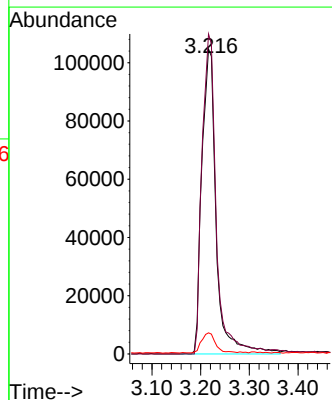
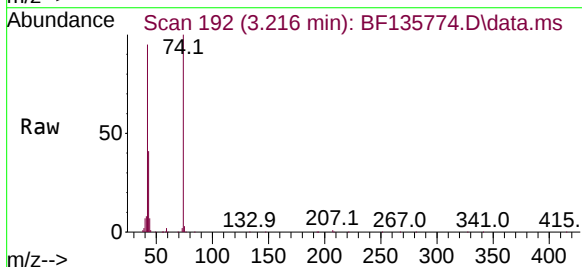
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MSD

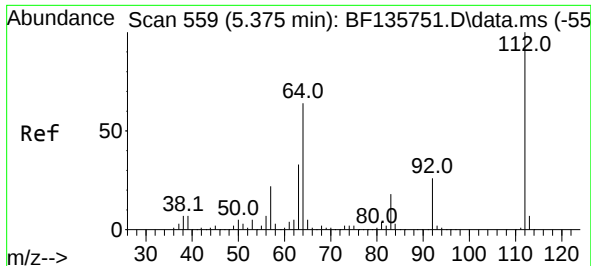
Tgt Ion: 79 Resp: 324360
Ion Ratio Lower Upper
79 100
52 93.8 73.4 110.2
51 47.5 36.5 54.7



#4
n-Nitrosodimethylamine
Concen: 56.562 ng
RT: 3.216 min Scan# 192
Delta R.T. 0.047 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion: 42 Resp: 215105
Ion Ratio Lower Upper
42 100
74 104.9 86.5 129.7
44 6.9 5.9 8.9

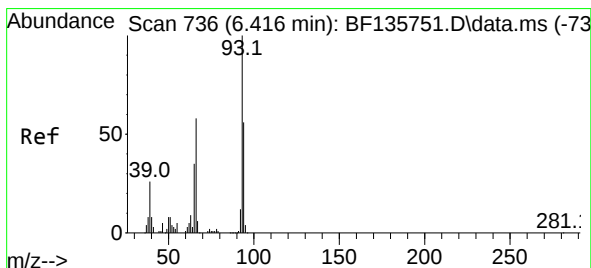
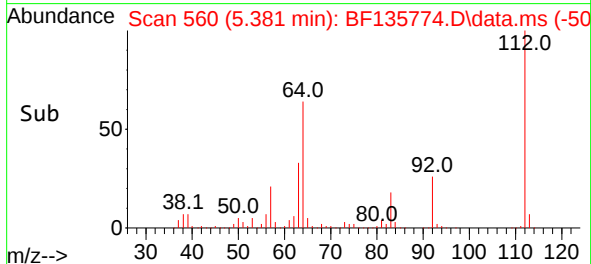
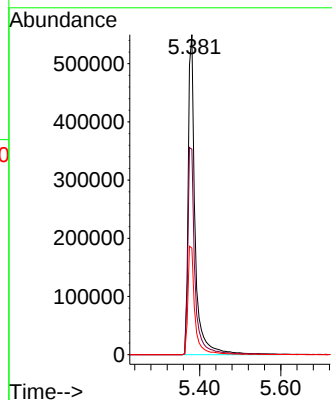
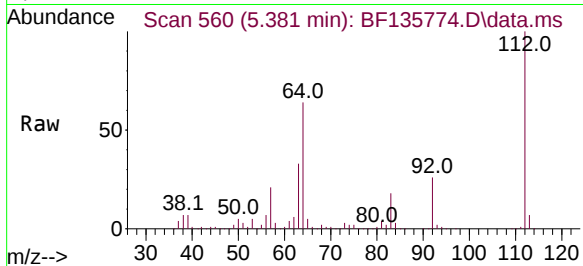




#5
2-Fluorophenol
Concen: 108.727 ng
RT: 5.381 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

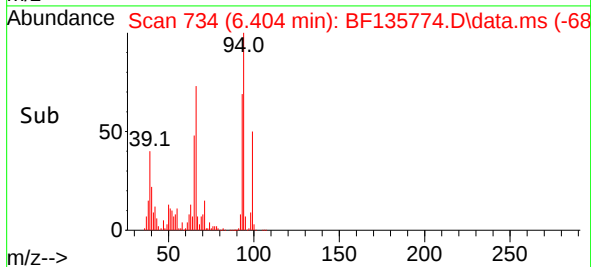
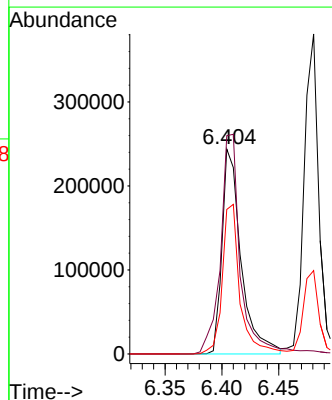
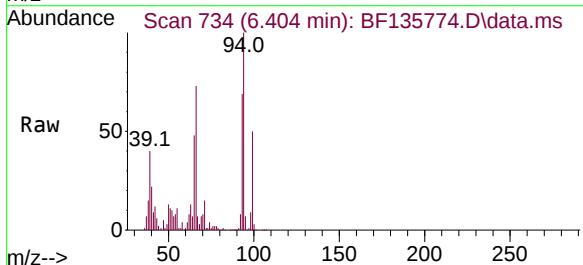
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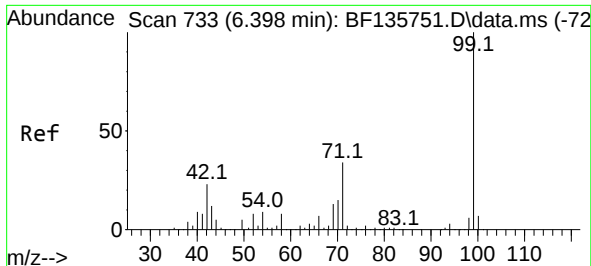
Tgt Ion:112 Resp: 649688
Ion Ratio Lower Upper
112 100
64 64.2 51.2 76.8
63 33.3 26.1 39.1



#6
Aniline
Concen: 30.513 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.012 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion: 93 Resp: 286293
Ion Ratio Lower Upper
93 100
66 106.5 47.6 71.4#
65 70.5 28.5 42.7#

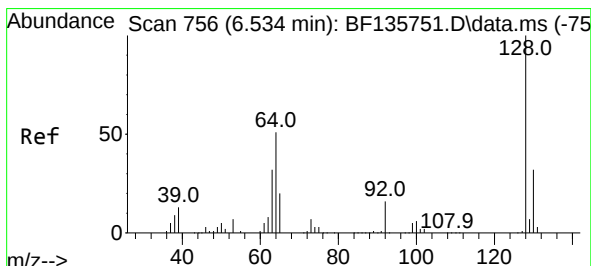
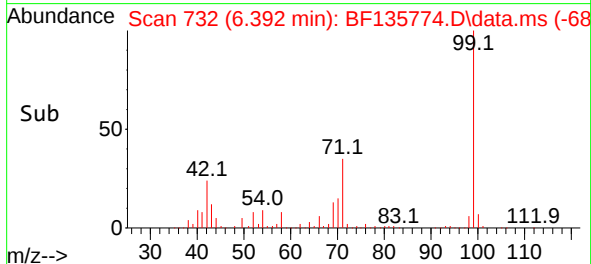
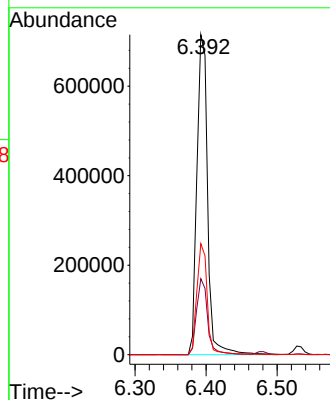
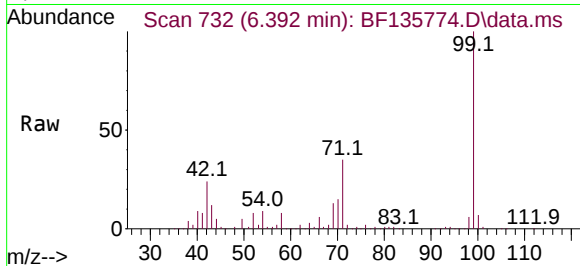




#7
Phenol-d6
Concen: 100.812 ng
RT: 6.392 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

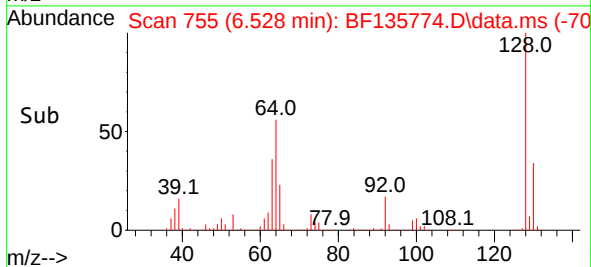
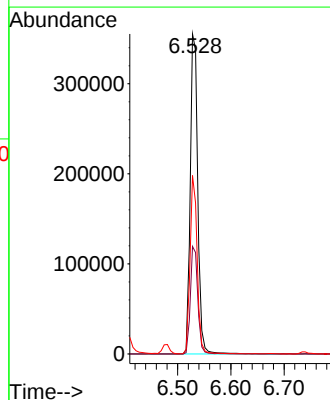
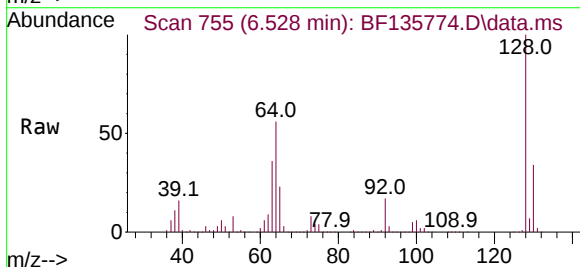
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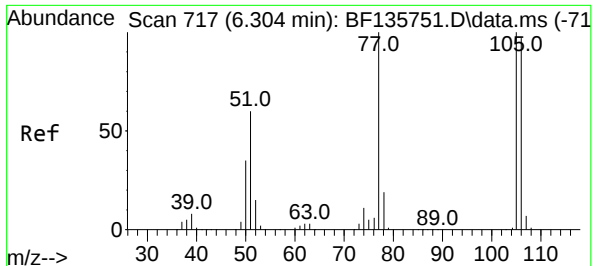
Tgt Ion: 99 Resp: 751622
Ion Ratio Lower Upper
99 100
42 23.8 18.4 27.6
71 34.7 27.2 40.8



#8
2-Chlorophenol
Concen: 53.947 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion:128 Resp: 347621
Ion Ratio Lower Upper
128 100
130 33.6 12.4 52.4
64 55.8 32.3 72.3

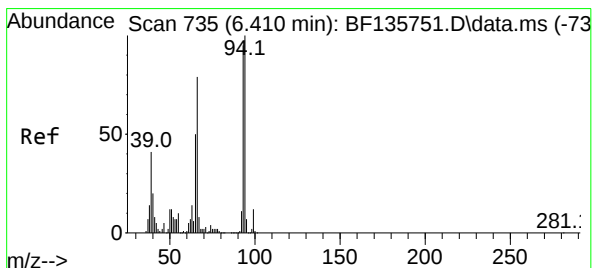
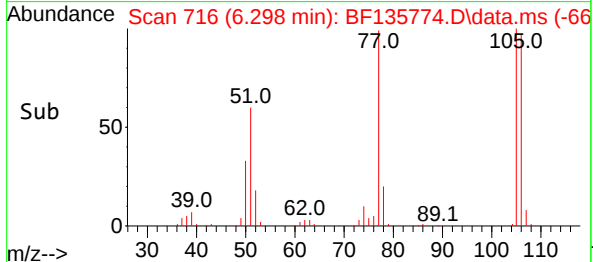
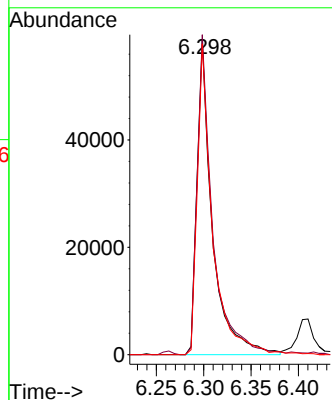
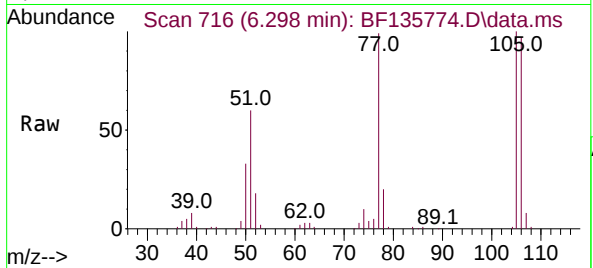




#9
Benzaldehyde
Concen: 15.532 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

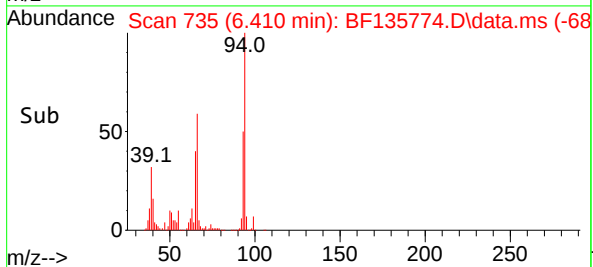
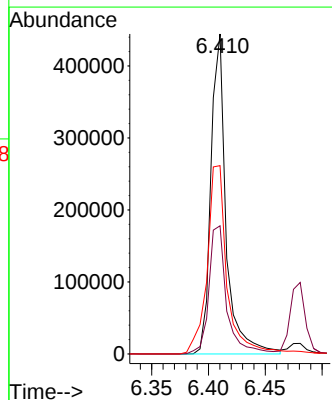
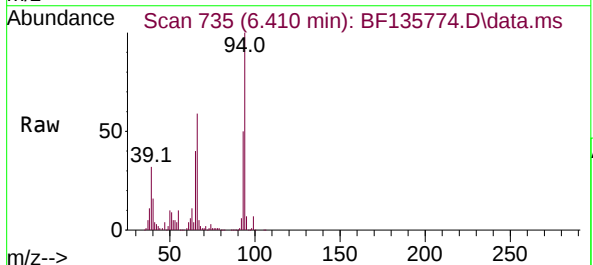
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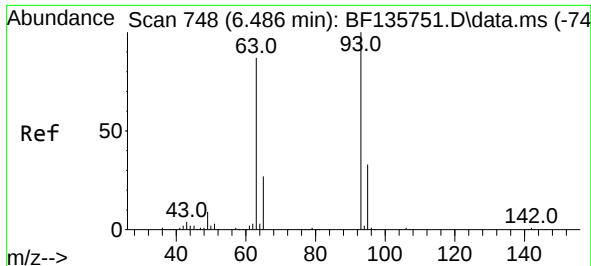
Tgt Ion: 77 Resp: 65910
Ion Ratio Lower Upper
77 100
105 101.4 79.9 119.9
106 98.5 77.1 117.1



#10
Phenol
Concen: 52.785 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion: 94 Resp: 412367
Ion Ratio Lower Upper
94 100
65 40.1 30.3 70.3
66 58.8 59.1 99.1#

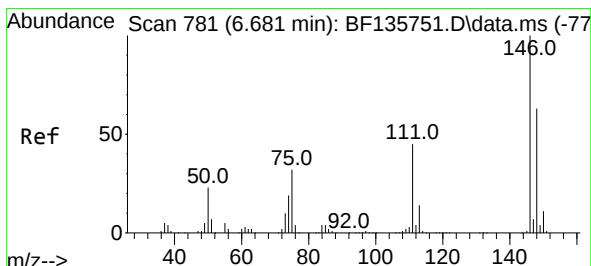
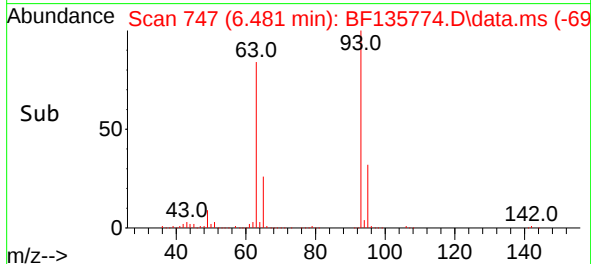
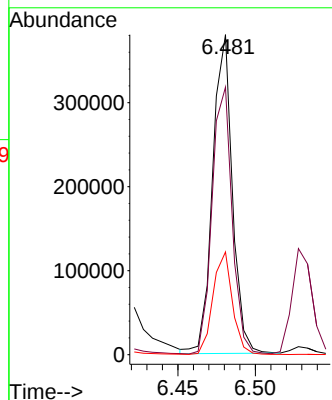
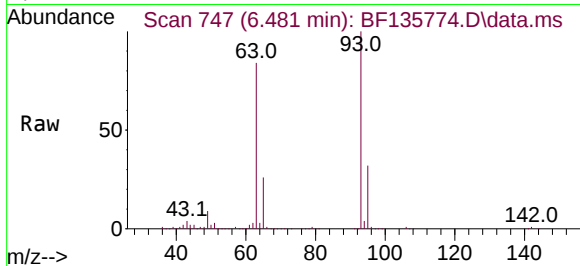




#11
bis(2-Chloroethyl)ether
Concen: 53.345 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

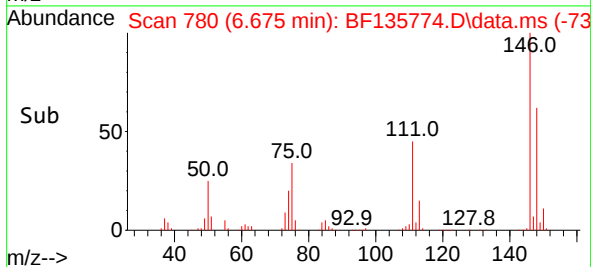
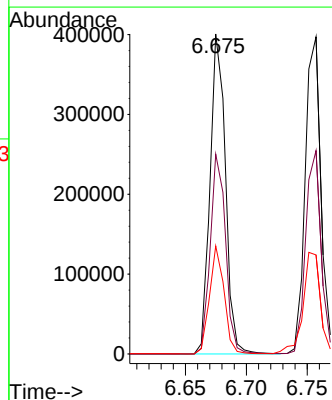
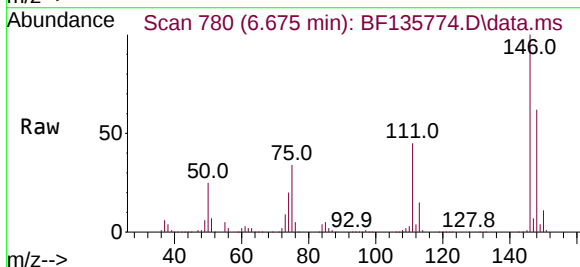
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MSD

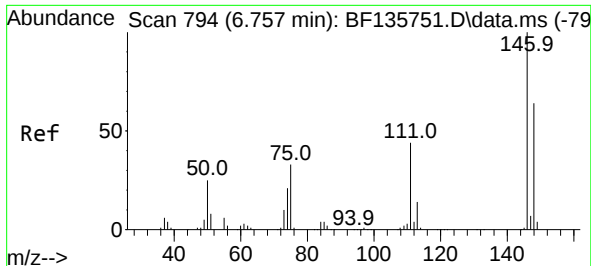
Tgt Ion: 93 Resp: 335789
Ion Ratio Lower Upper
93 100
63 83.6 66.3 106.3
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 53.833 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion:146 Resp: 351669
Ion Ratio Lower Upper
146 100
148 62.5 50.2 75.4
75 33.7 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 54.616 ng

RT: 6.757 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MSD

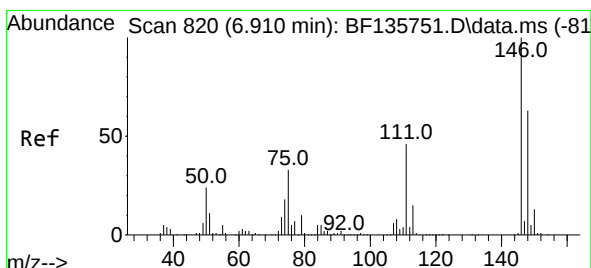
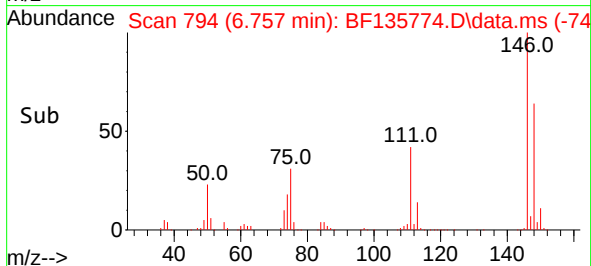
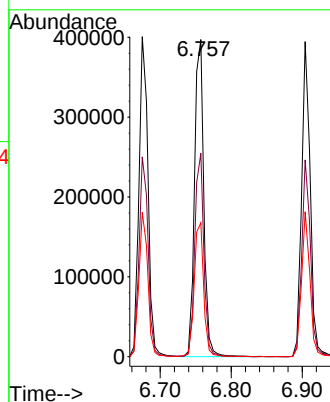
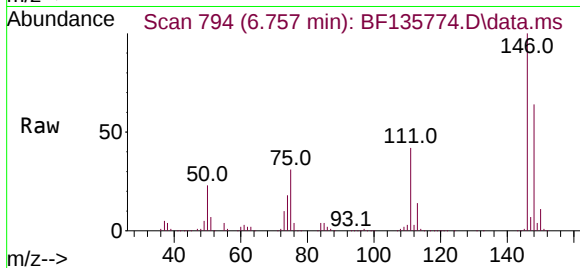
Tgt Ion:146 Resp: 361433

Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

111 42.2 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 55.073 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

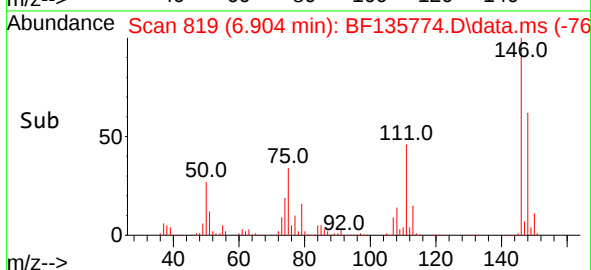
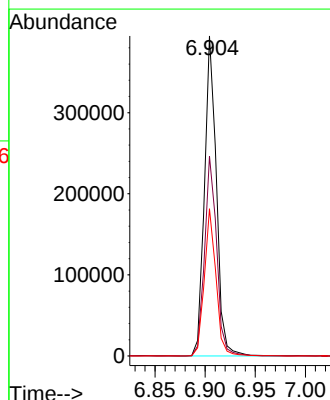
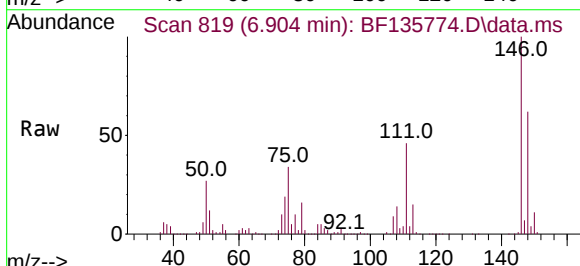
Tgt Ion:146 Resp: 328156

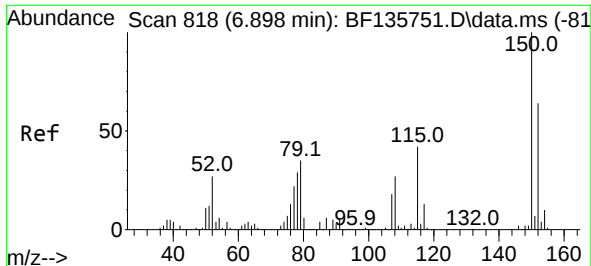
Ion Ratio Lower Upper

146 100

148 62.5 50.2 75.2

111 46.0 37.1 55.7

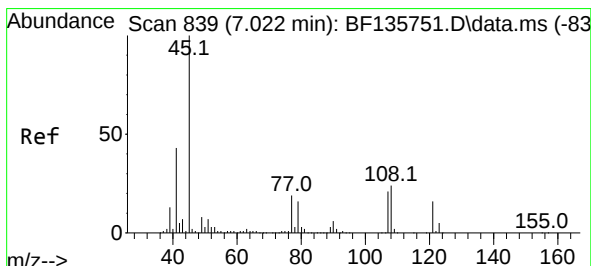
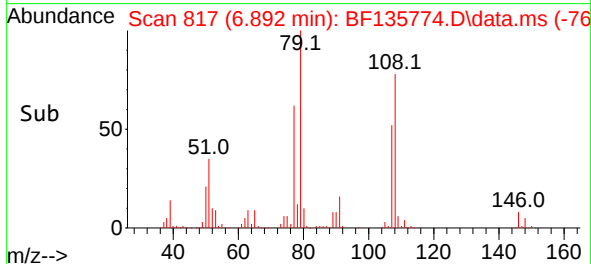
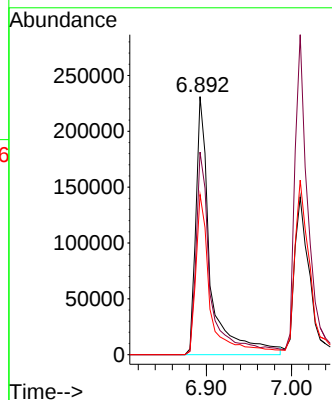
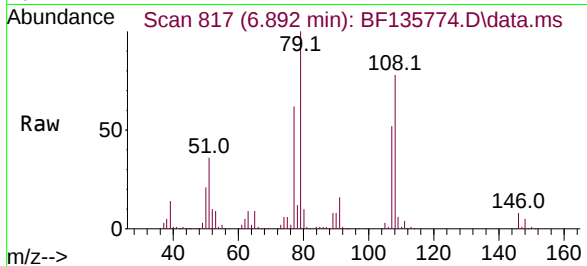




#15
Benzyl Alcohol
Concen: 55.475 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

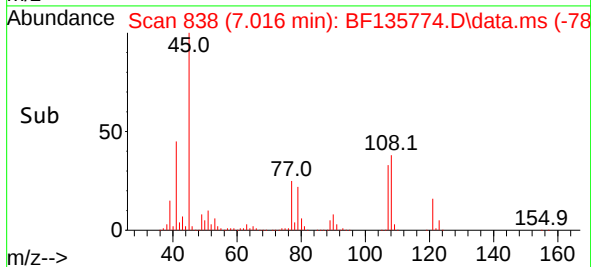
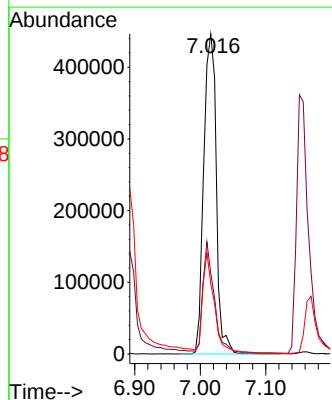
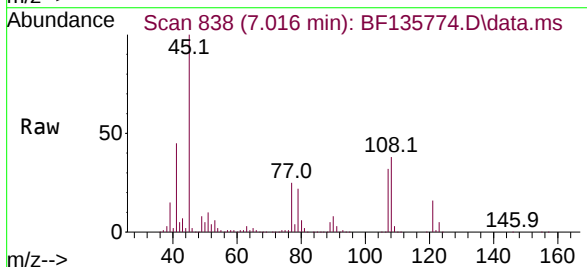
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MSD

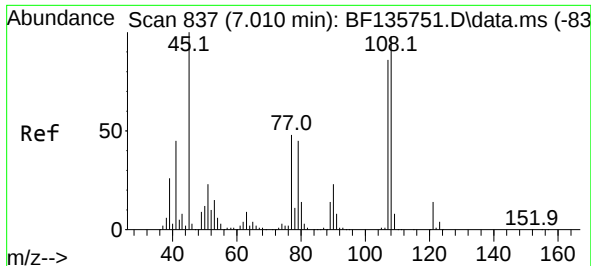
Tgt Ion: 79 Resp: 275011
Ion Ratio Lower Upper
79 100
108 78.5 62.0 93.0
77 62.1 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.246 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion: 45 Resp: 594788
Ion Ratio Lower Upper
45 100
77 25.2 0.0 39.8
79 21.9 0.0 37.6

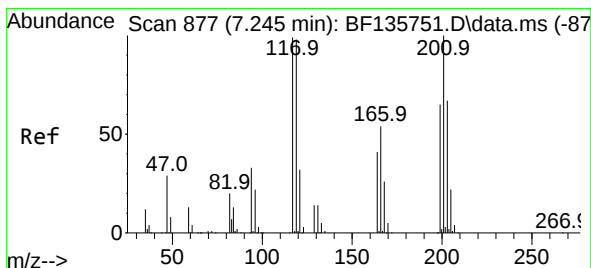
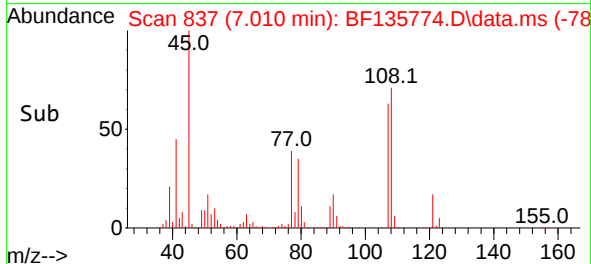
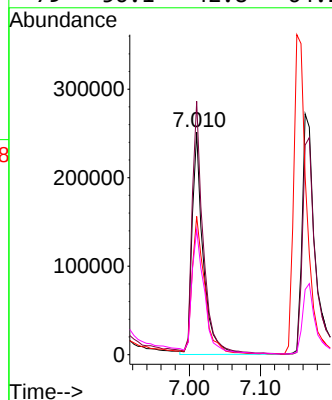
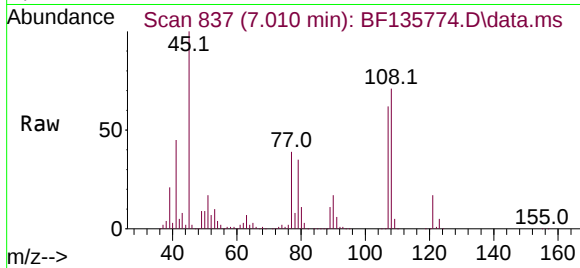




#17
2-Methylphenol
Concen: 48.784 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

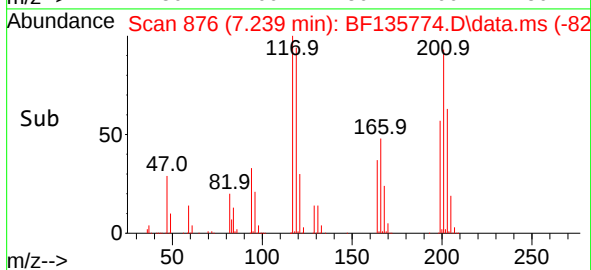
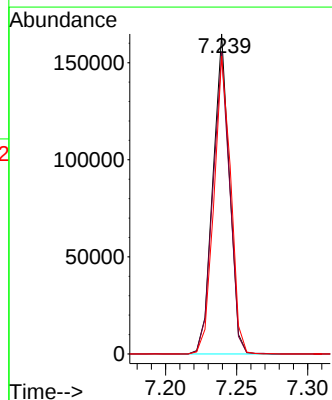
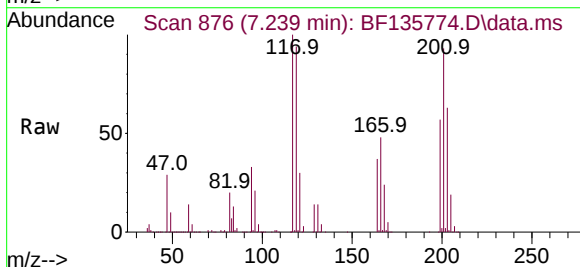
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MSD

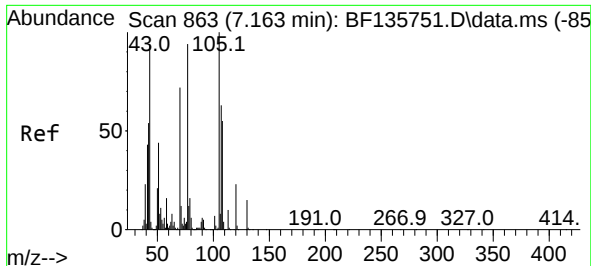
Tgt Ion:107 Resp: 272130
Ion Ratio Lower Upper
107 100
108 113.9 91.8 137.6
77 62.2 45.4 68.0
79 56.1 42.8 64.2



#18
Hexachloroethane
Concen: 55.137 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion:117 Resp: 132297
Ion Ratio Lower Upper
117 100
119 94.2 79.5 119.3
201 93.0 80.9 121.3

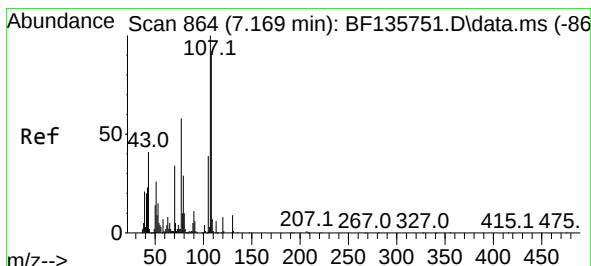
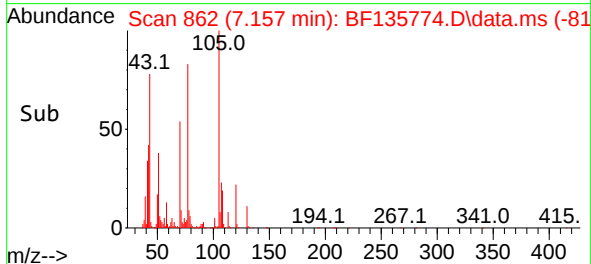
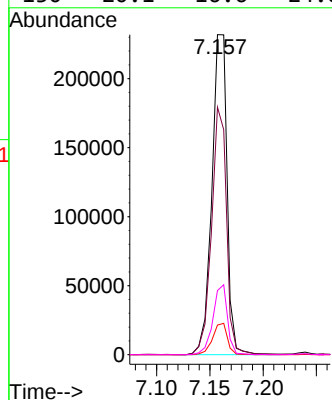
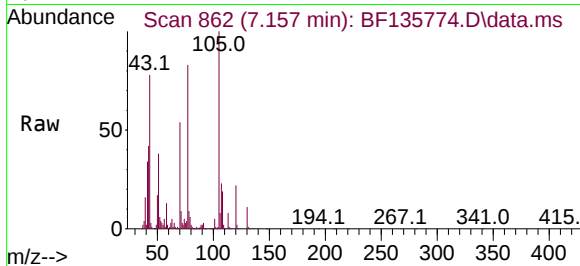




#19
n-Nitroso-di-n-propylamine
Concen: 50.030 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

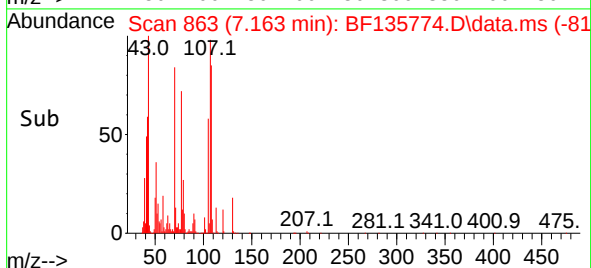
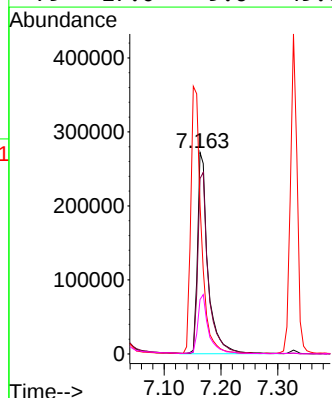
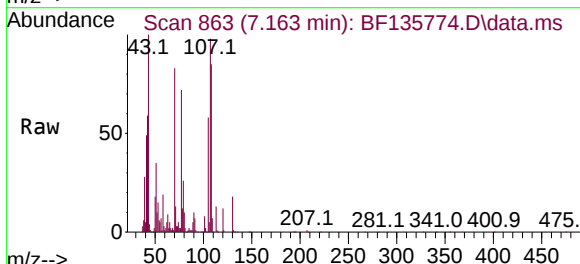
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MSD

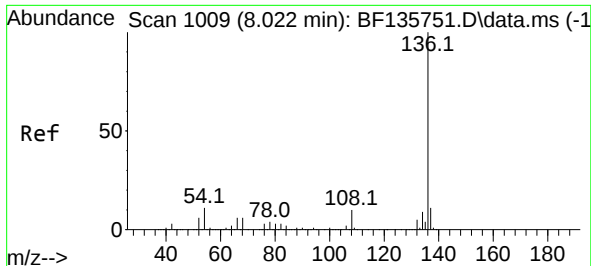
Tgt Ion: 70 Resp: 230636
Ion Ratio Lower Upper
70 100
42 77.3 59.8 89.6
101 9.3 7.4 11.2
130 20.1 16.6 24.8



#20
3+4-Methylphenols
Concen: 49.879 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

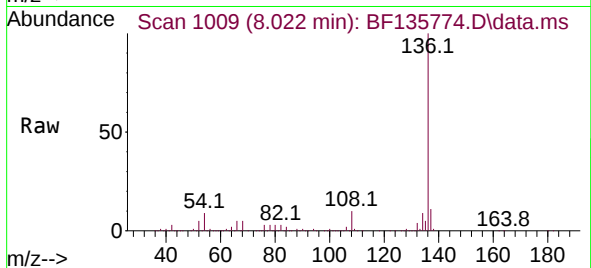
Tgt Ion: 107 Resp: 346867
Ion Ratio Lower Upper
107 100
108 87.1 71.1 111.1
77 73.9 42.0 82.0
79 27.0 9.6 49.6



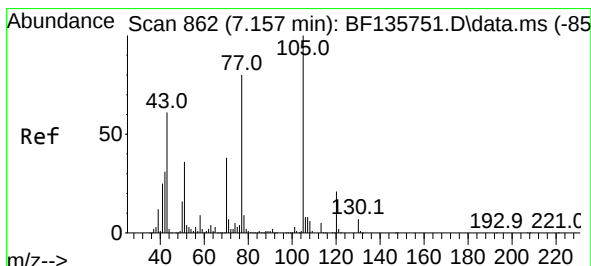
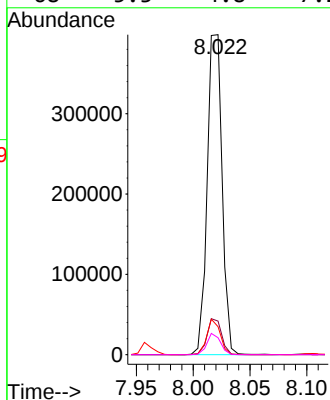
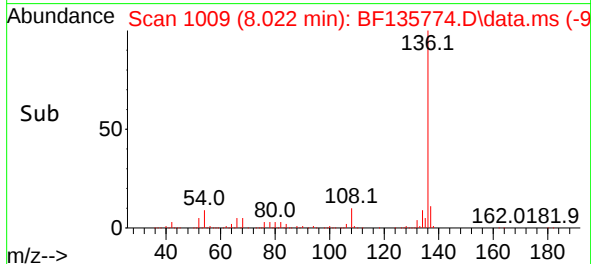


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

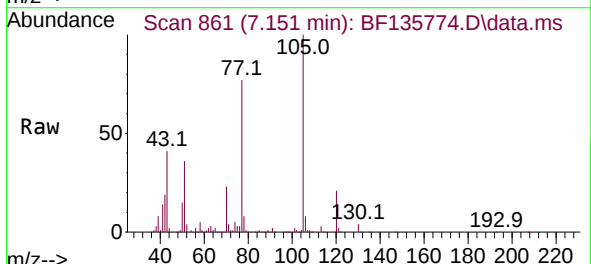
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MSD



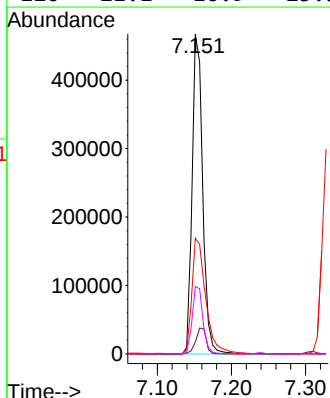
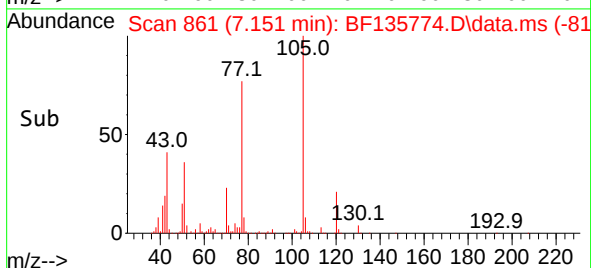
Tgt Ion:136 Resp: 363107
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 8.7 8.5 12.7
68 5.3 4.8 7.2

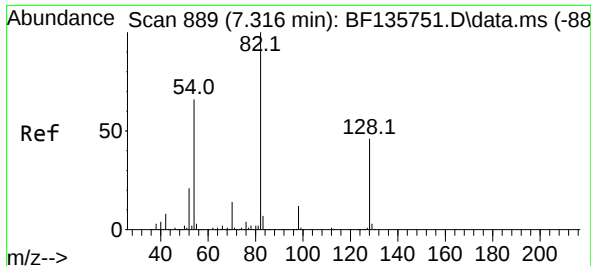


#22
Acetophenone
Concen: 55.637 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43



Tgt Ion:105 Resp: 463320
Ion Ratio Lower Upper
105 100
71 3.7 5.4 8.0#
51 36.2 29.4 44.0
120 21.1 16.9 25.3





#23

Nitrobenzene-d5

Concen: 71.749 ng

RT: 7.310 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MSD

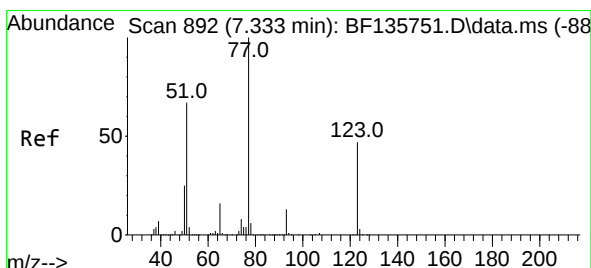
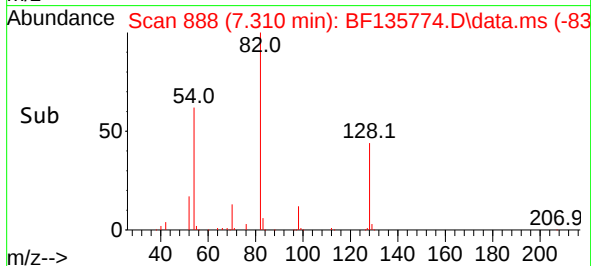
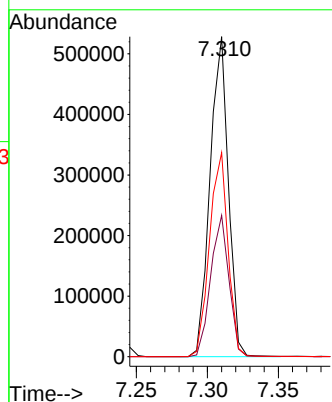
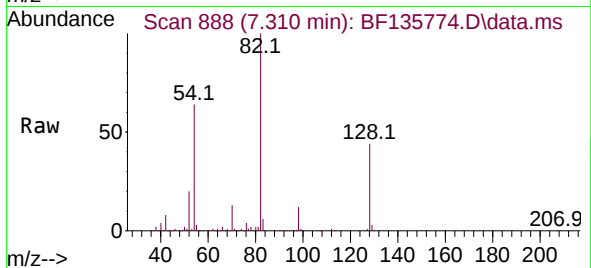
Tgt Ion: 82 Resp: 473690

Ion Ratio Lower Upper

82 100

128 44.1 37.0 55.6

54 63.8 52.8 79.2



#24

Nitrobenzene

Concen: 53.931 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

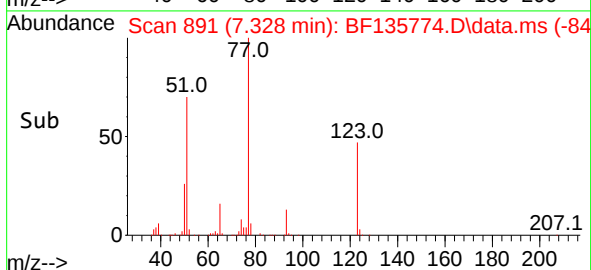
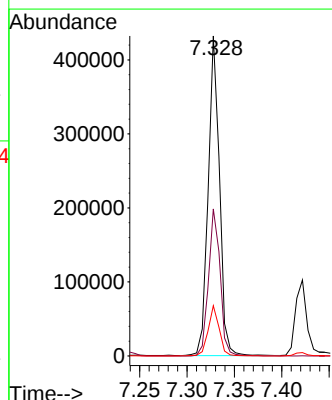
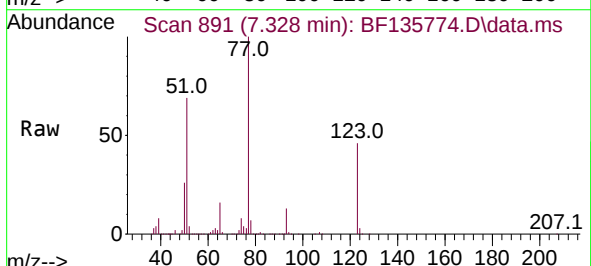
Tgt Ion: 77 Resp: 357345

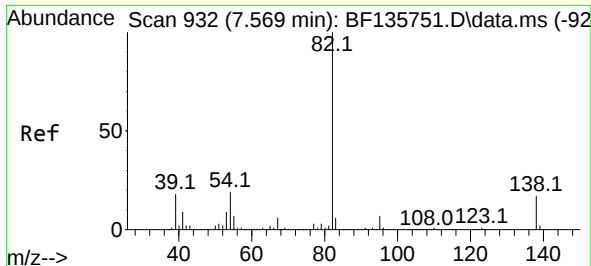
Ion Ratio Lower Upper

77 100

123 46.0 37.3 55.9

65 15.7 12.6 18.8

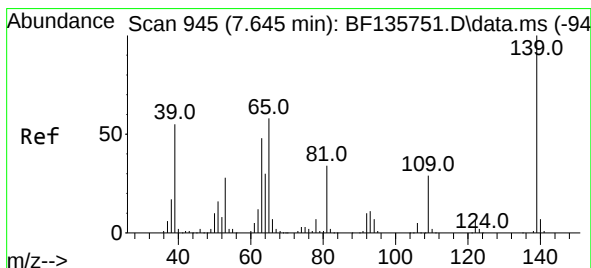
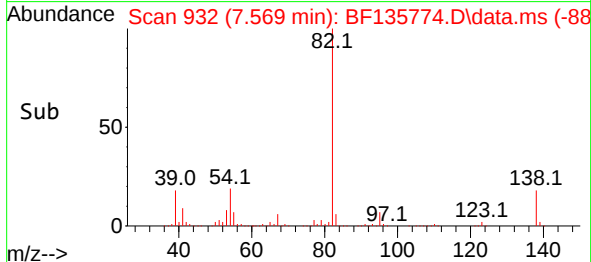
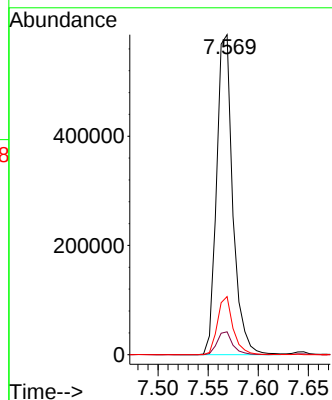
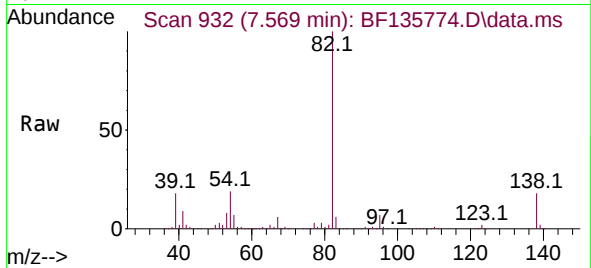




#25
Isophorone
Concen: 52.797 ng
RT: 7.569 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

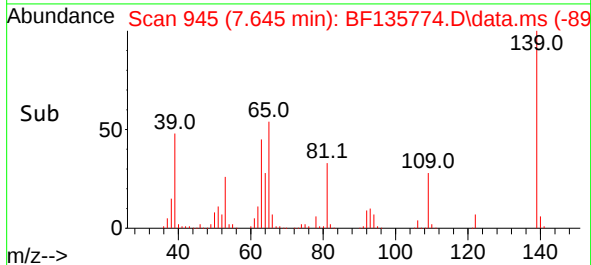
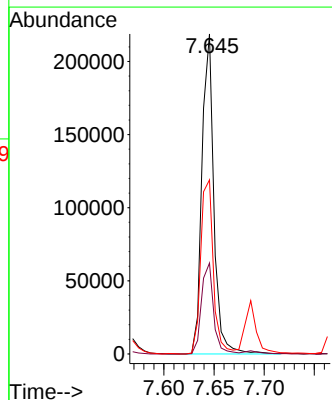
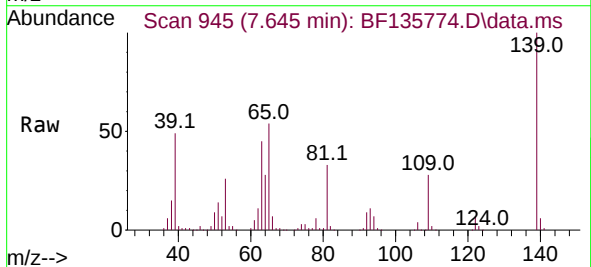
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MSD

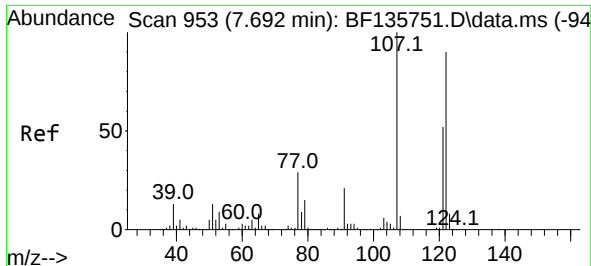
Tgt Ion: 82 Resp: 657594
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.1 13.9 20.9



#26
2-Nitrophenol
Concen: 56.221 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion:139 Resp: 181797
Ion Ratio Lower Upper
139 100
109 28.4 23.0 34.4
65 54.4 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 48.729 ng

RT: 7.687 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MSD

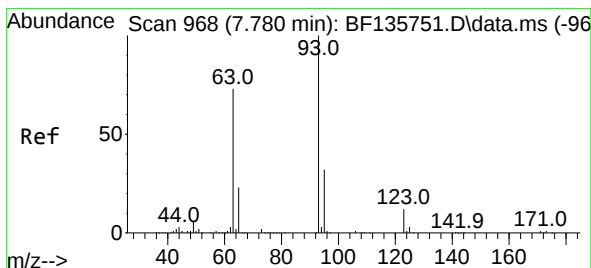
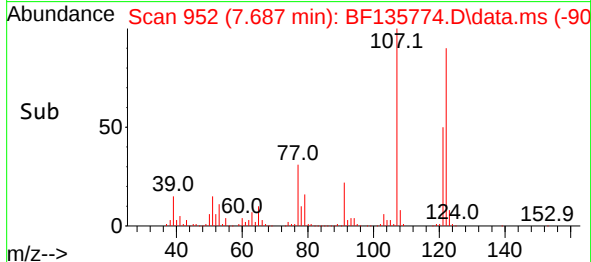
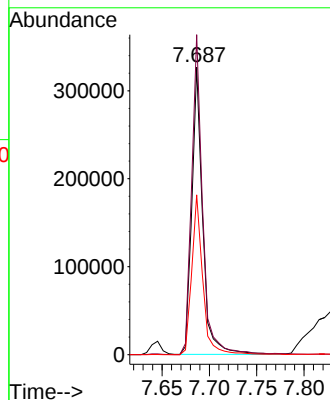
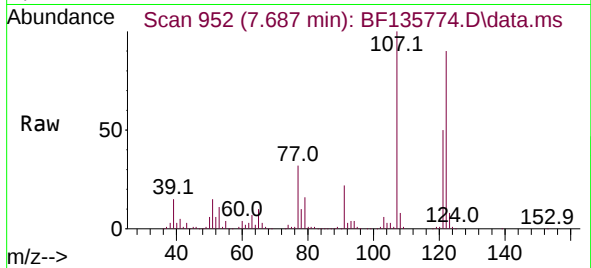
Tgt Ion:122 Resp: 259397

Ion Ratio Lower Upper

122 100

107 111.3 88.2 132.4

121 55.6 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 54.721 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

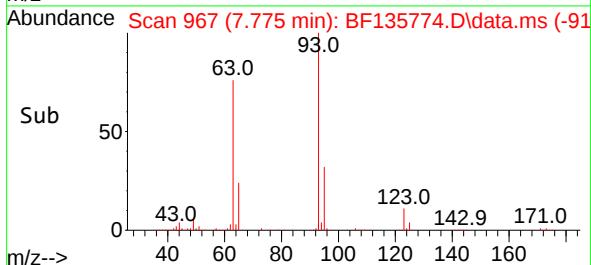
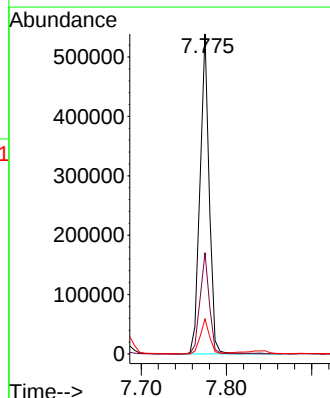
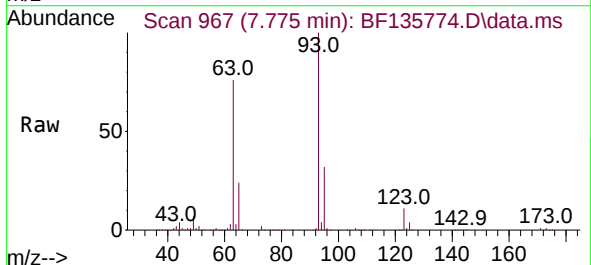
Tgt Ion: 93 Resp: 405891

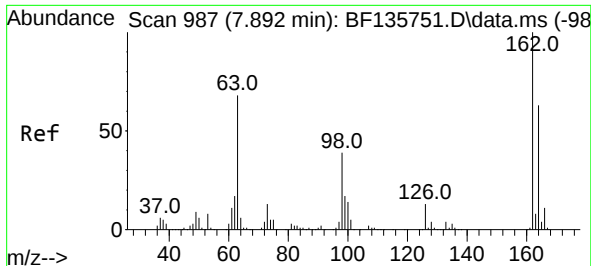
Ion Ratio Lower Upper

93 100

95 31.7 25.7 38.5

123 10.9 9.4 14.0

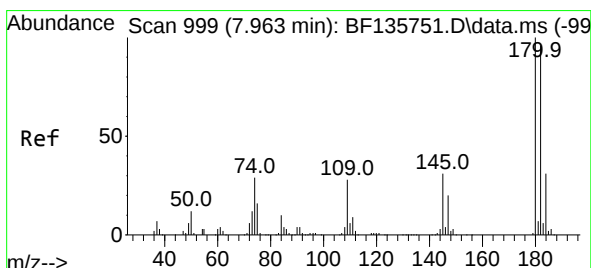
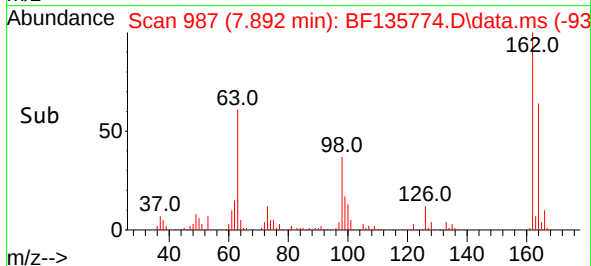
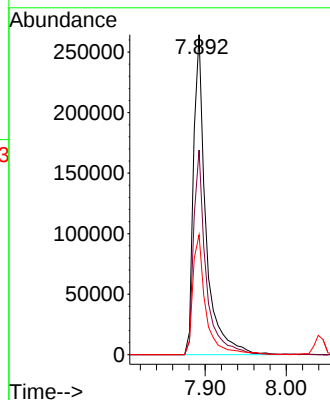
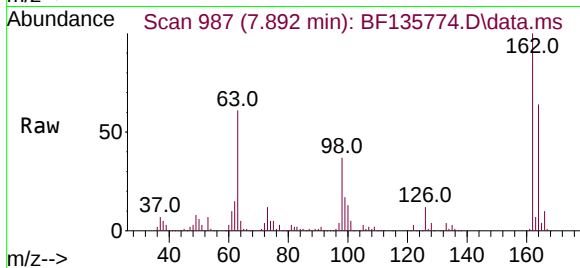




#29
2,4-Dichlorophenol
Concen: 56.433 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.000 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

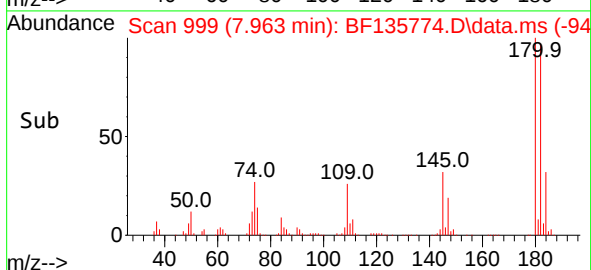
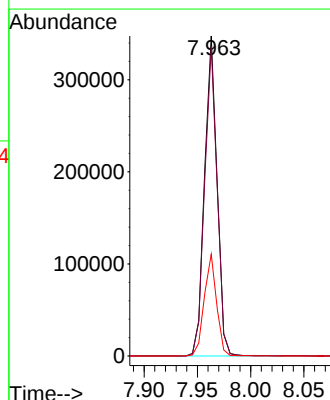
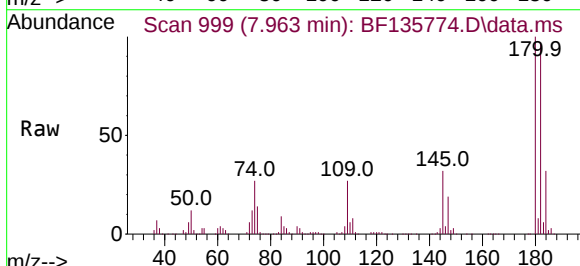
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MSD

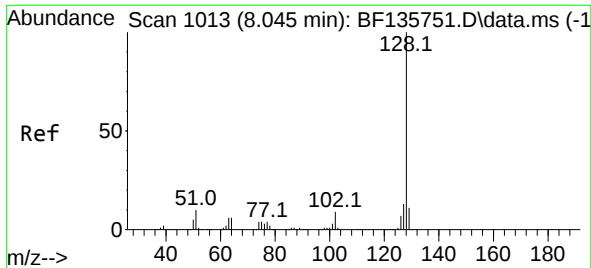
Tgt Ion:	162	Resp:	281516
Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.4	83.4
98	37.5	19.0	59.0



#30
1,2,4-Trichlorobenzene
Concen: 55.888 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion:	180	Resp:	285151
Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.4	114.6
145	31.8	25.0	37.6

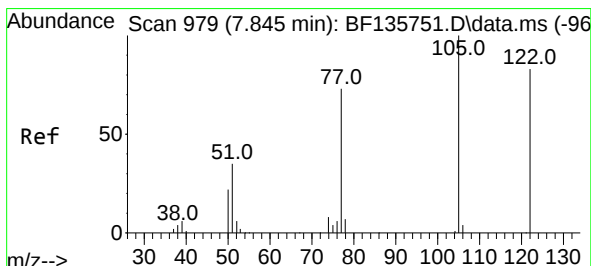
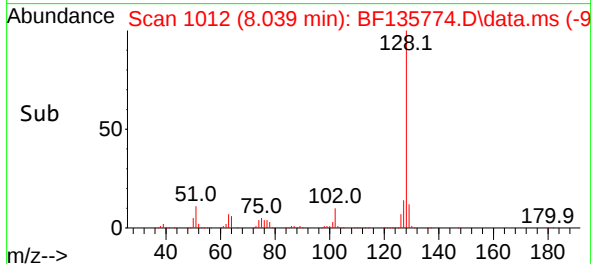
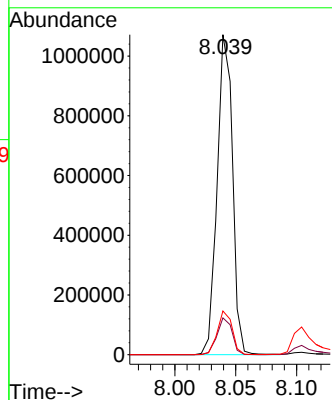
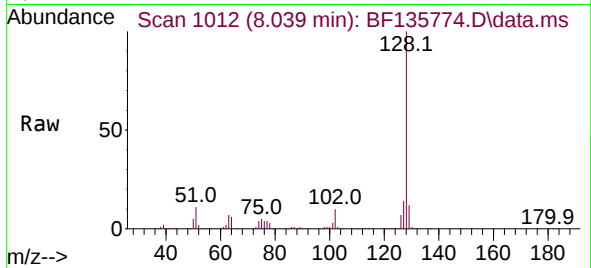




#31
Naphthalene
Concen: 53.167 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

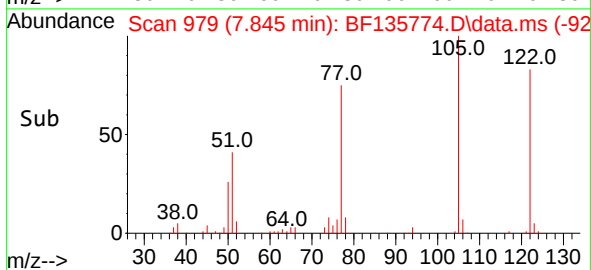
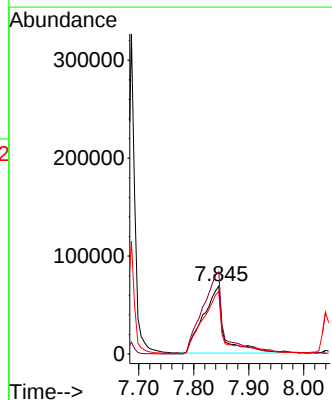
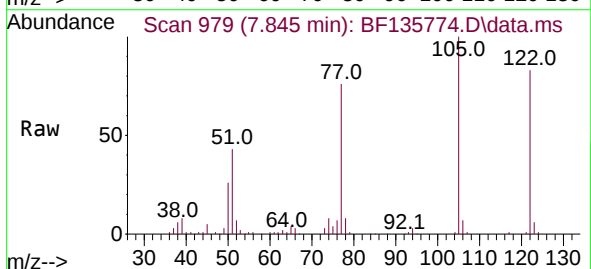
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MSD

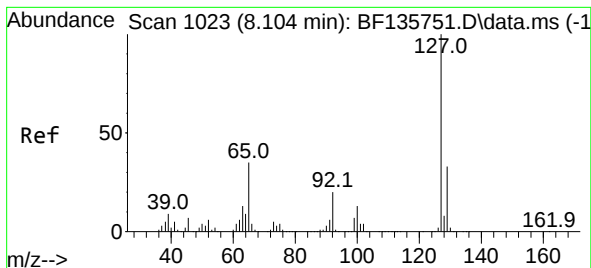
Tgt Ion:128 Resp: 941637
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.7 10.2 15.4



#32
Benzoic acid
Concen: 50.592 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion:122 Resp: 182297
Ion Ratio Lower Upper
122 100
105 121.0 98.7 138.7
77 92.2 67.8 107.8





#33

4-Chloroaniline

Concen: 16.220 ng

RT: 8.104 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MSD

Tgt Ion:127 Resp: 125490

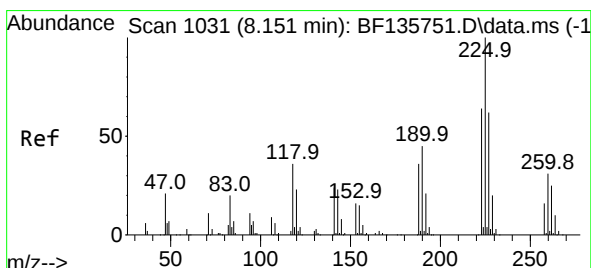
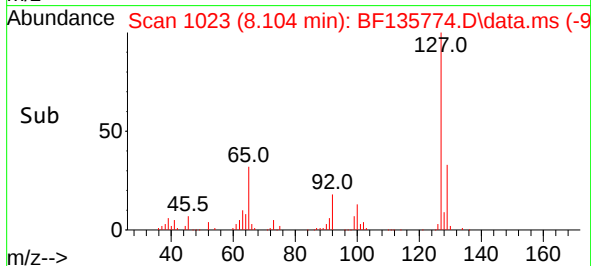
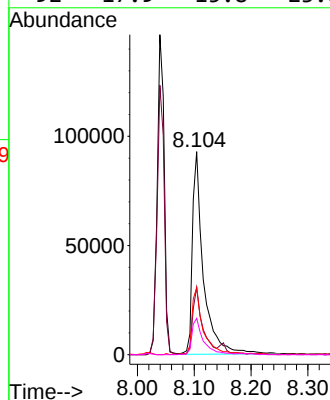
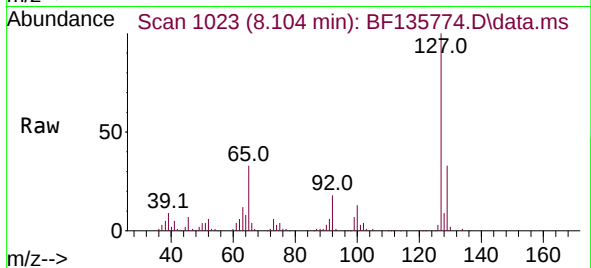
Ion Ratio Lower Upper

127 100

129 33.2 26.5 39.7

65 33.0 27.9 41.9

92 17.9 15.8 23.8



#34

Hexachlorobutadiene

Concen: 56.822 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

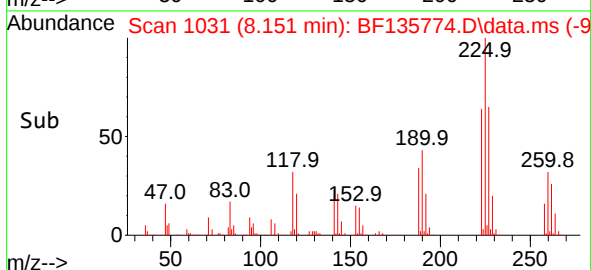
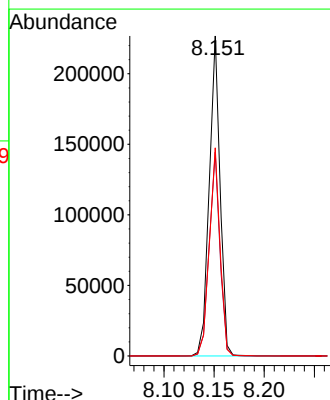
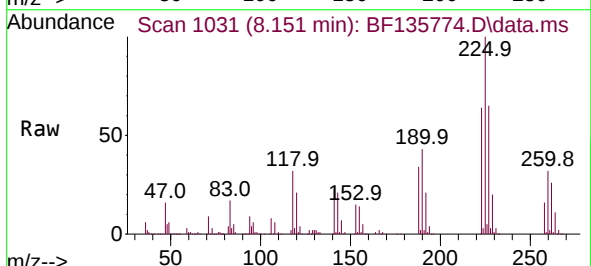
Tgt Ion:225 Resp: 171604

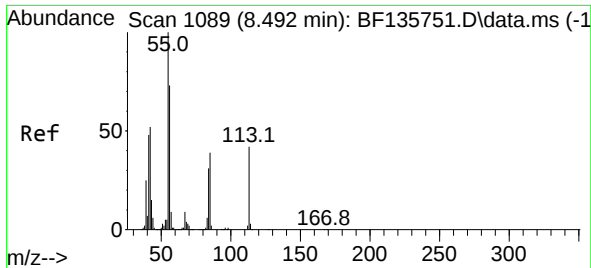
Ion Ratio Lower Upper

225 100

223 63.7 51.1 76.7

227 65.0 49.7 74.5





#35

Caprolactam

Concen: 14.434 ng

RT: 8.534 min Scan# 1108

Delta R.T. 0.035 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MSD

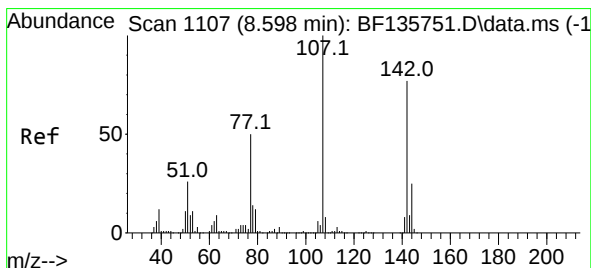
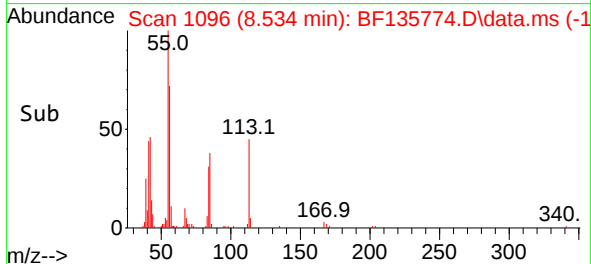
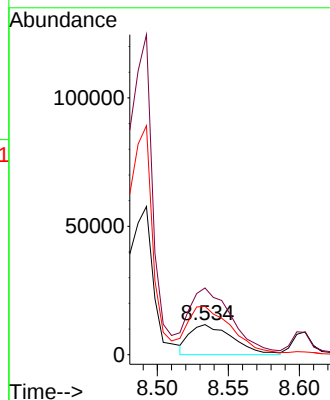
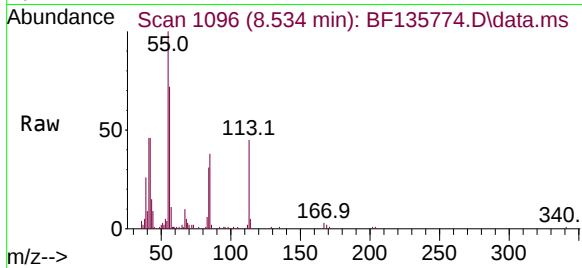
Tgt Ion:113 Resp: 24615

Ion Ratio Lower Upper

113 100

55 222.3 217.4 257.4

56 160.8 153.1 193.1



#36

4-Chloro-3-methylphenol

Concen: 54.380 ng

RT: 8.604 min Scan# 1108

Delta R.T. 0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

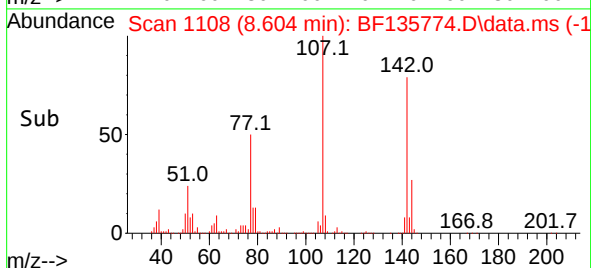
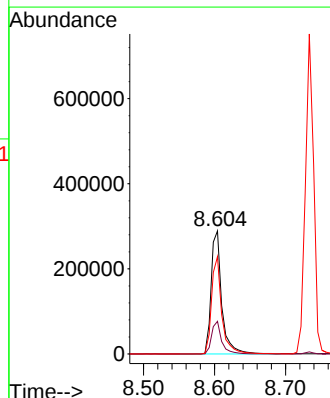
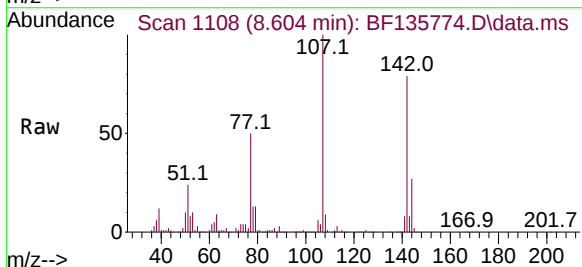
Tgt Ion:107 Resp: 300838

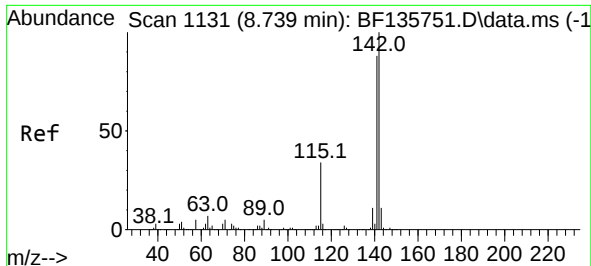
Ion Ratio Lower Upper

107 100

144 26.6 19.8 29.8

142 79.1 61.3 91.9





#37

2-Methylnaphthalene

Concen: 51.795 ng

RT: 8.733 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

Instrument :

BNA_F

ClientSampleId :

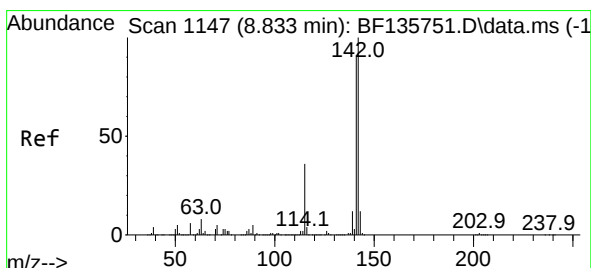
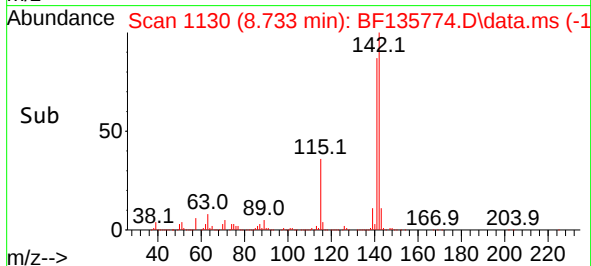
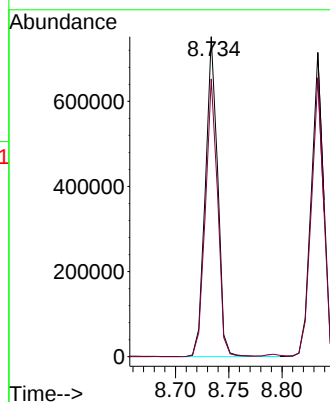
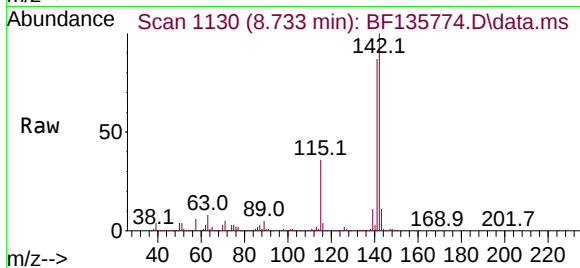
PP-20230928-B6A-0-7.5MSD

Tgt Ion:142 Resp: 604386

Ion Ratio Lower Upper

142 100

141 86.8 70.6 105.8



#38

1-Methylnaphthalene

Concen: 52.965 ng

RT: 8.834 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF135774.D

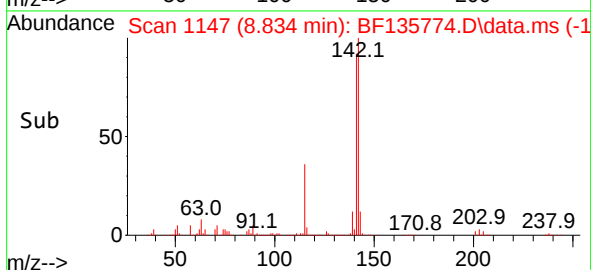
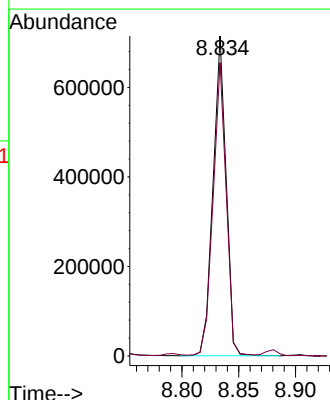
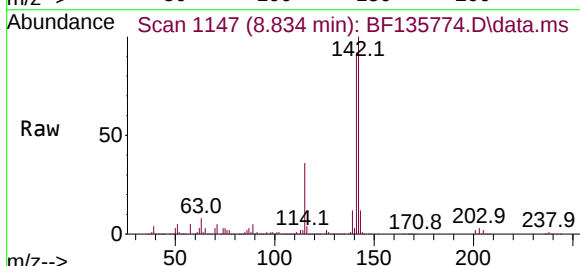
Acq: 16 Oct 2023 13:43

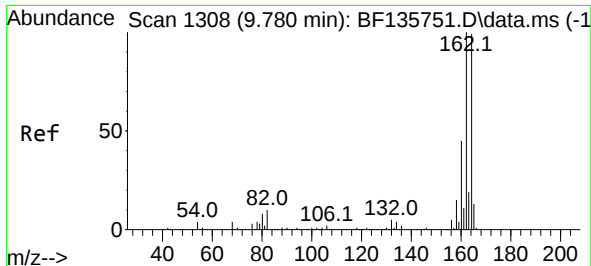
Tgt Ion:142 Resp: 570041

Ion Ratio Lower Upper

142 100

141 91.7 72.7 109.1

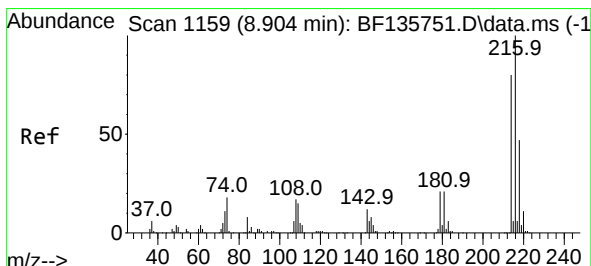
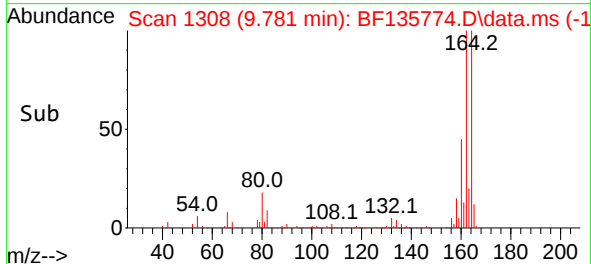
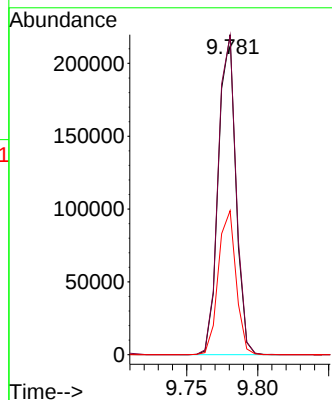
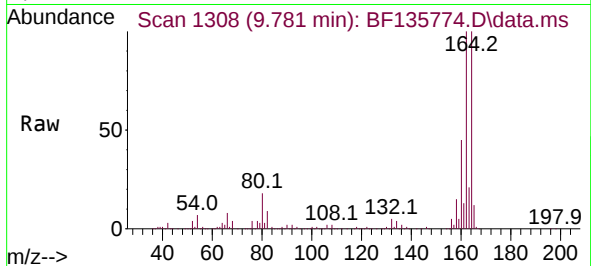




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

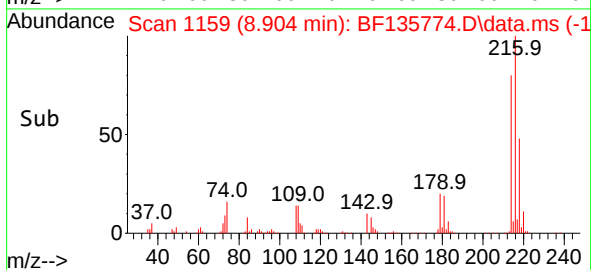
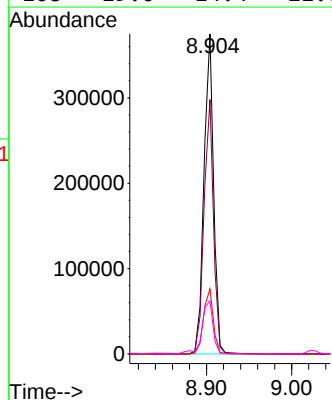
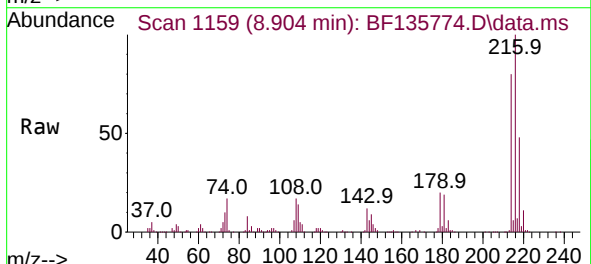
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MSD

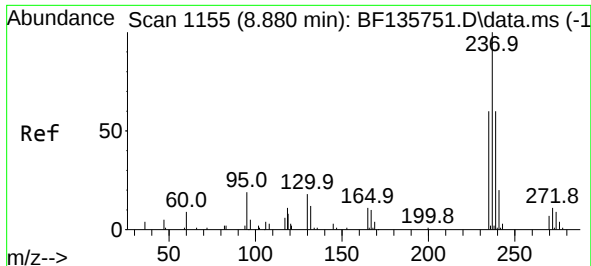
Tgt Ion:164 Resp: 187197
Ion Ratio Lower Upper
164 100
162 99.7 80.8 121.2
160 45.0 36.6 54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.429 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion:216 Resp: 293091
Ion Ratio Lower Upper
216 100
214 78.8 64.0 96.0
179 20.6 16.9 25.3
108 19.0 14.4 21.6

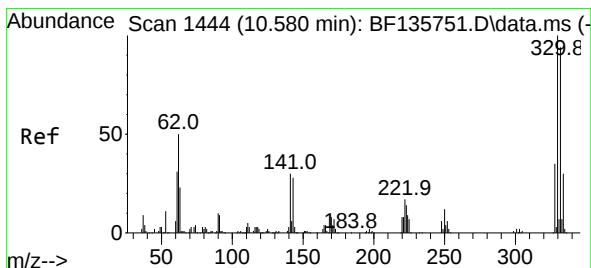
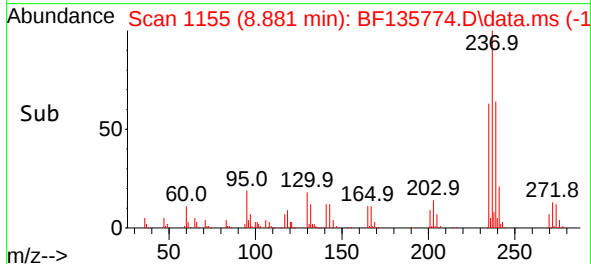
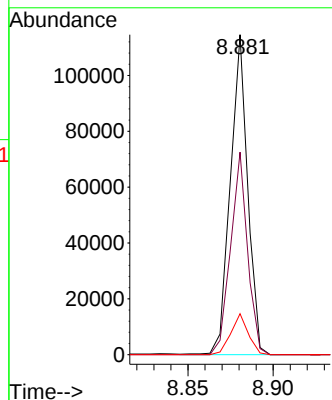
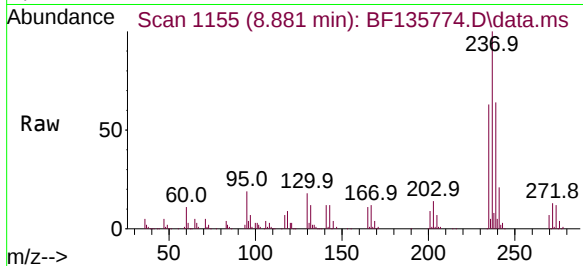




#41
Hexachlorocyclopentadiene
Concen: 76.099 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

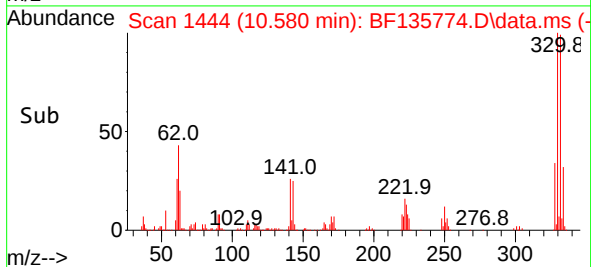
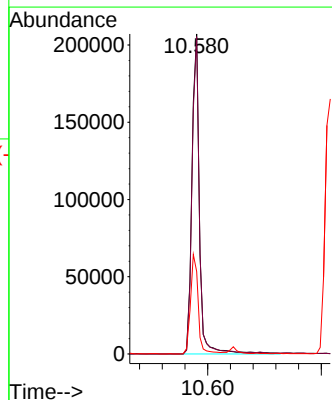
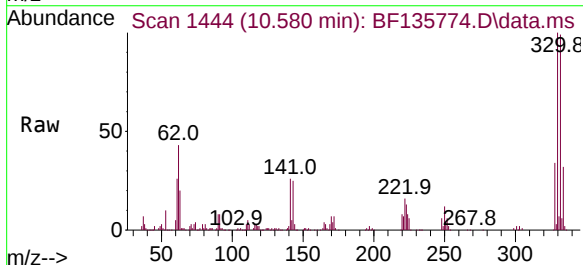
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MSD

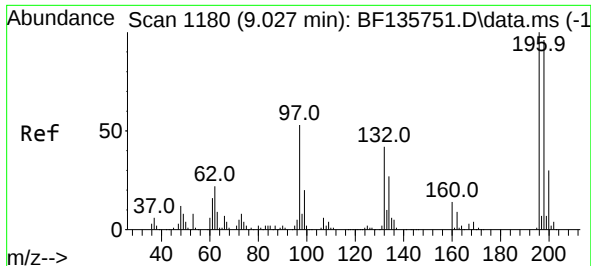
Tgt Ion:237 Resp: 80988
Ion Ratio Lower Upper
237 100
235 63.3 40.0 80.0
272 12.8 0.0 30.9



#42
2,4,6-Tribromophenol
Concen: 105.371 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion:330 Resp: 189278
Ion Ratio Lower Upper
330 100
332 97.1 75.0 112.4
141 31.8 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 54.874 ng

RT: 9.022 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF135774.D

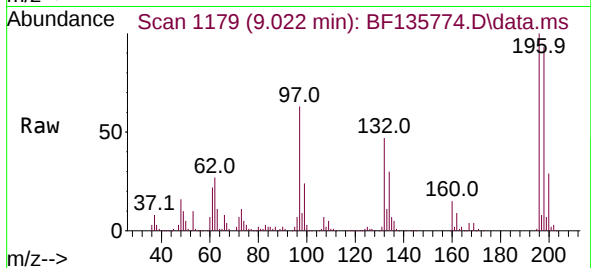
Acq: 16 Oct 2023 13:43

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MSD



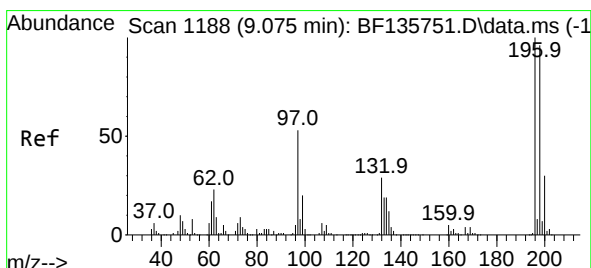
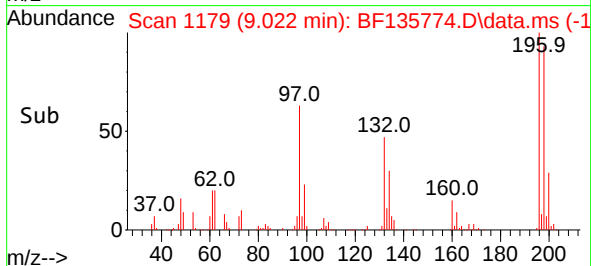
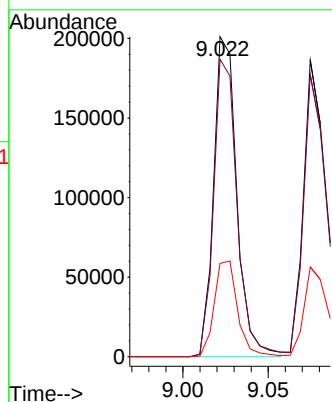
Tgt Ion:196 Resp: 190413

Ion Ratio Lower Upper

196 100

198 93.0 76.7 115.1

200 29.2 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 49.133 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

Tgt Ion:196 Resp: 198298

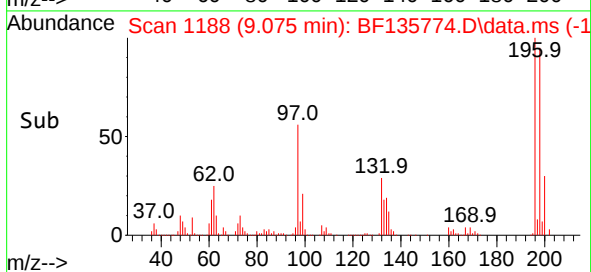
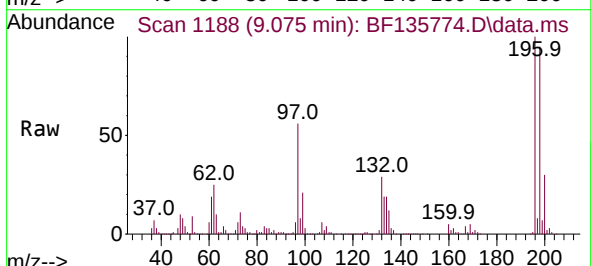
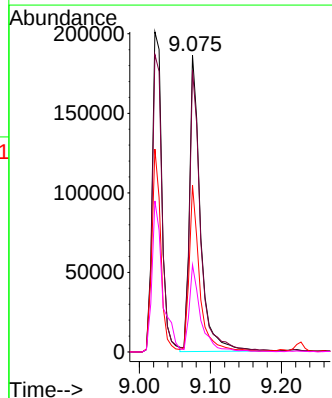
Ion Ratio Lower Upper

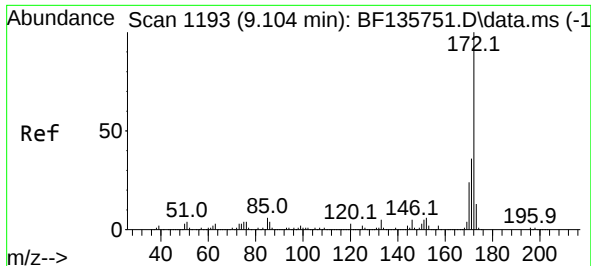
196 100

198 95.0 77.0 115.6

97 56.3 42.2 63.2

132 29.3 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 70.756 ng

RT: 9.098 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MSD

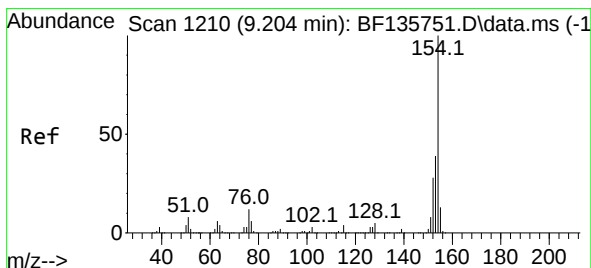
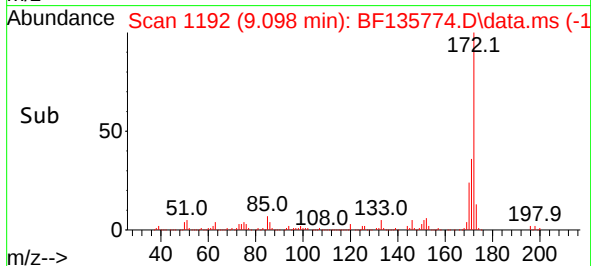
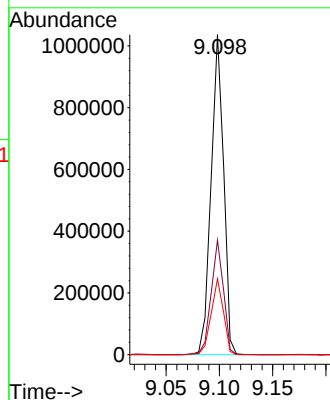
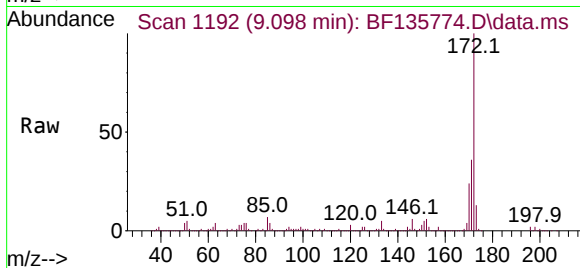
Tgt Ion:172 Resp: 847153

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.7 18.8 28.2



#46

1,1'-Biphenyl

Concen: 53.365 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

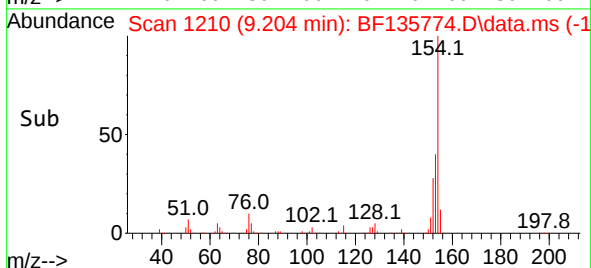
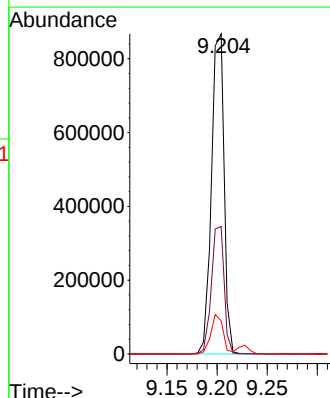
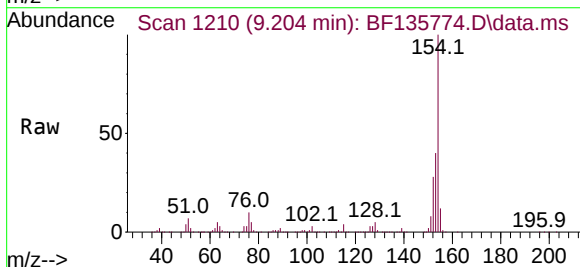
Tgt Ion:154 Resp: 765238

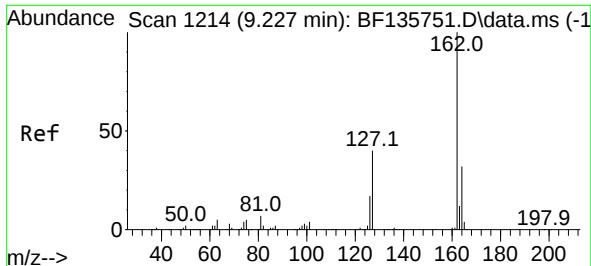
Ion Ratio Lower Upper

154 100

153 39.9 19.4 59.4

76 10.4 0.0 31.7





#47

2-Chloronaphthalene

Concen: 55.616 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MSD

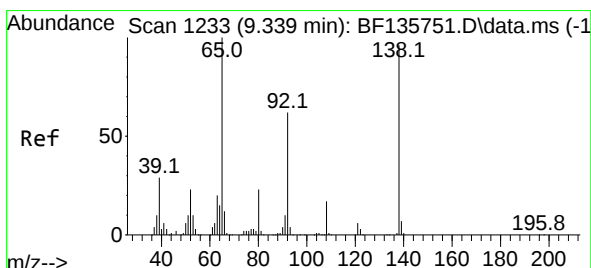
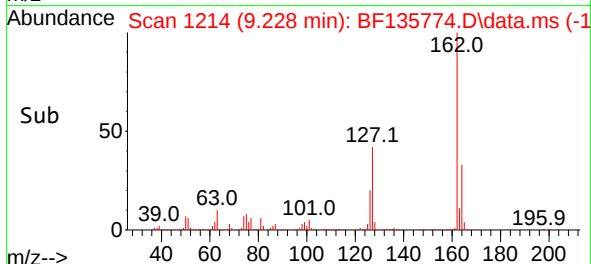
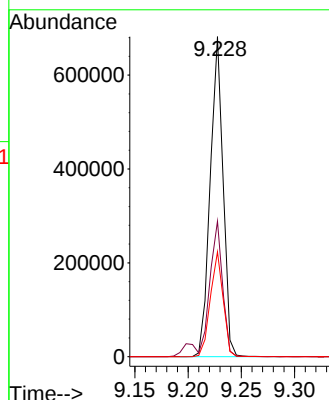
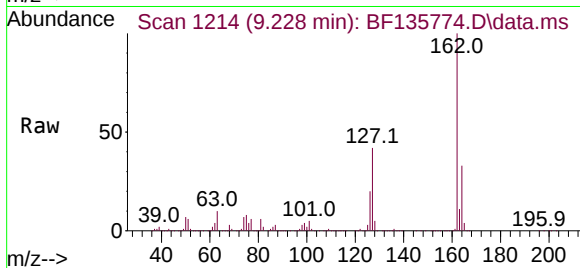
Tgt Ion:162 Resp: 574762

Ion Ratio Lower Upper

162 100

127 42.4 34.7 52.1

164 32.7 25.6 38.4



#48

2-Nitroaniline

Concen: 53.143 ng

RT: 9.339 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

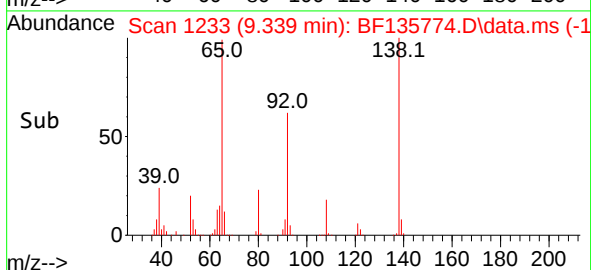
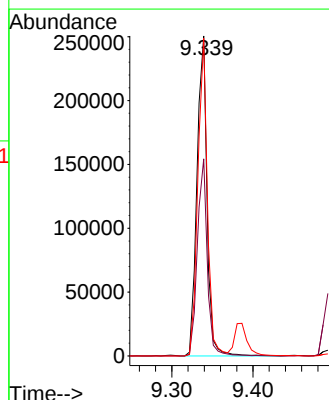
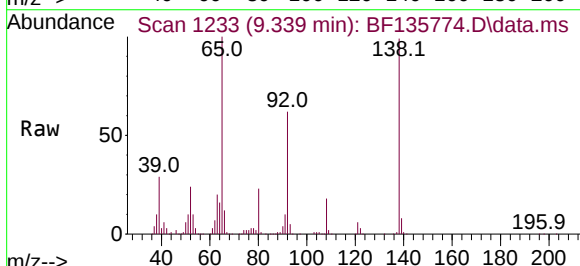
Tgt Ion: 65 Resp: 216784

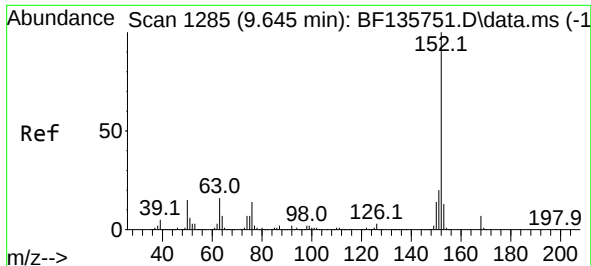
Ion Ratio Lower Upper

65 100

92 61.6 49.4 74.0

138 99.2 76.6 114.8





#49

Acenaphthylene

Concen: 54.016 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MSD

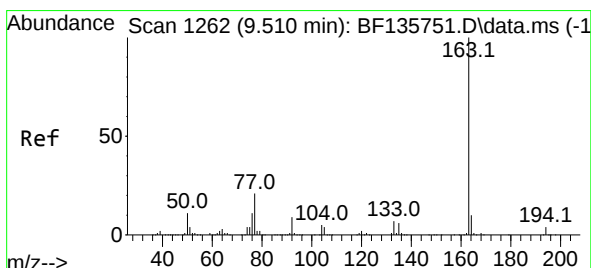
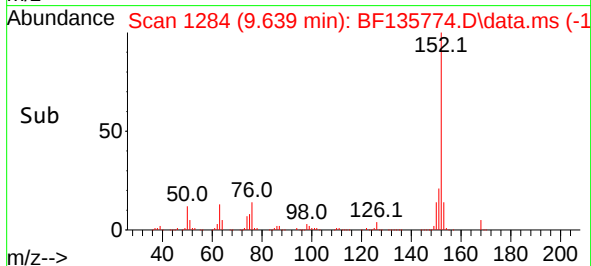
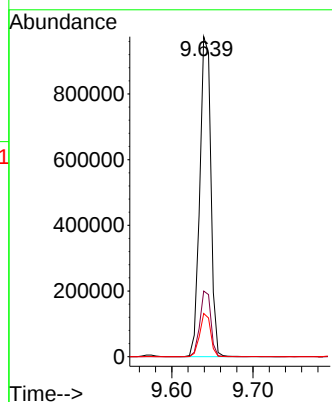
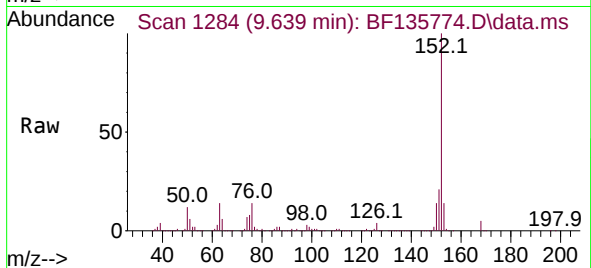
Tgt Ion:152 Resp: 923801

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

153 13.5 10.2 15.4



#50

Dimethylphthalate

Concen: 52.717 ng

RT: 9.510 min Scan# 1262

Delta R.T. -0.000 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

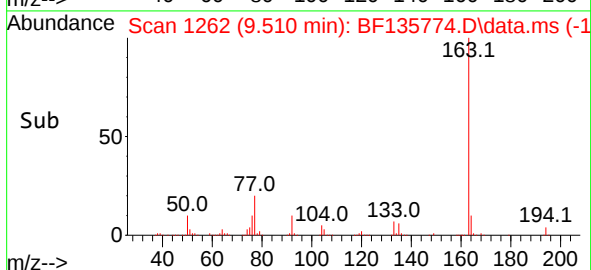
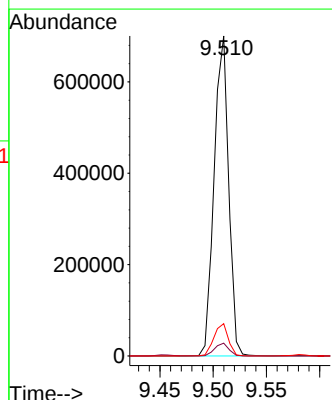
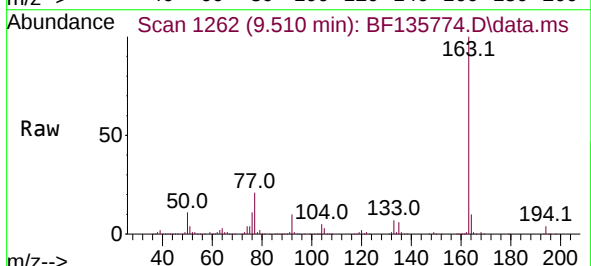
Tgt Ion:163 Resp: 666189

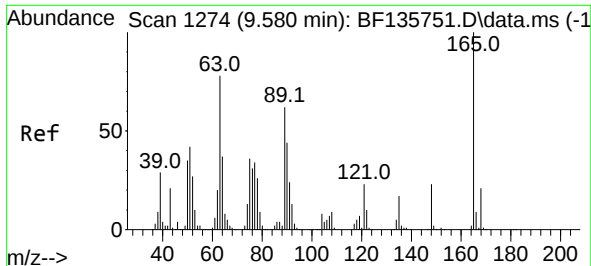
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.1 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 54.947 ng

RT: 9.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MSD

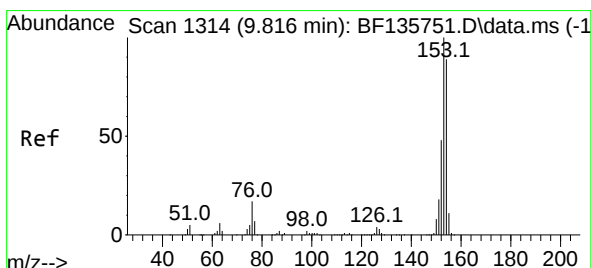
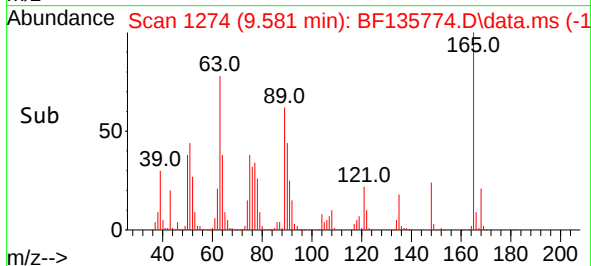
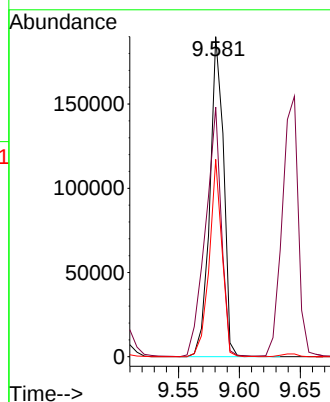
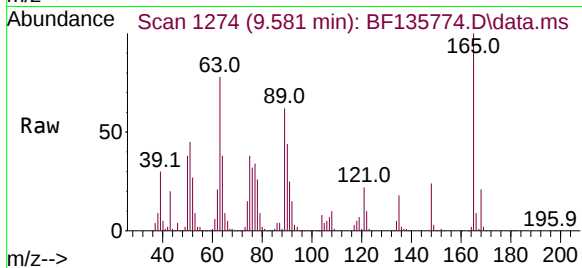
Tgt Ion:165 Resp: 149321

Ion Ratio Lower Upper

165 100

63 78.0 62.2 93.4

89 61.7 49.6 74.4



#52

Acenaphthene

Concen: 53.467 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.000 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

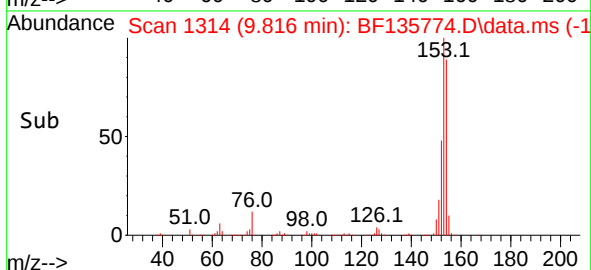
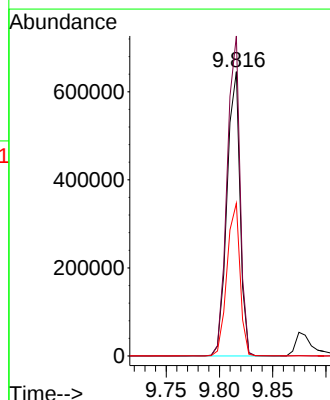
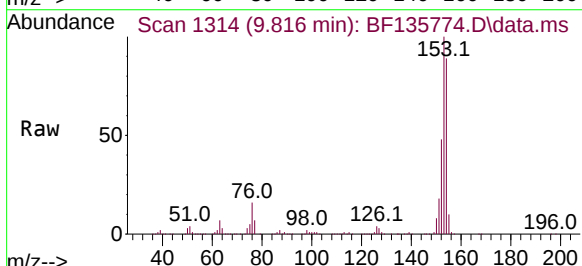
Tgt Ion:154 Resp: 548085

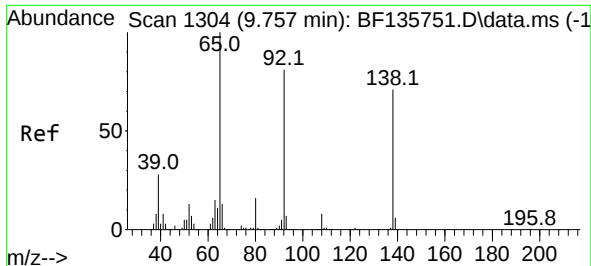
Ion Ratio Lower Upper

154 100

153 112.5 90.1 135.1

152 53.7 43.1 64.7

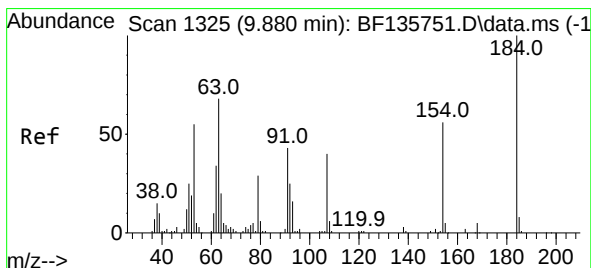
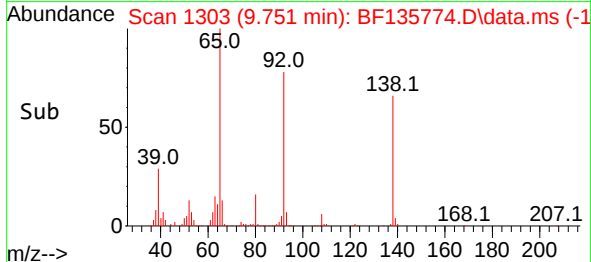
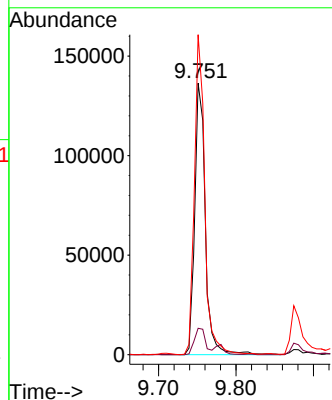
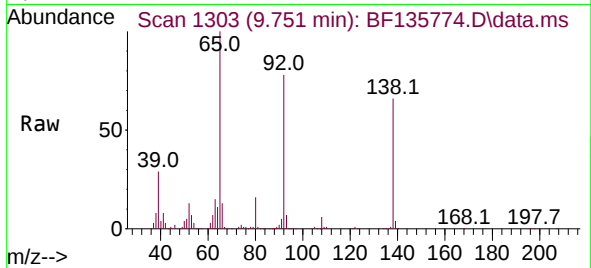




#53
3-Nitroaniline
Concen: 38.935 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

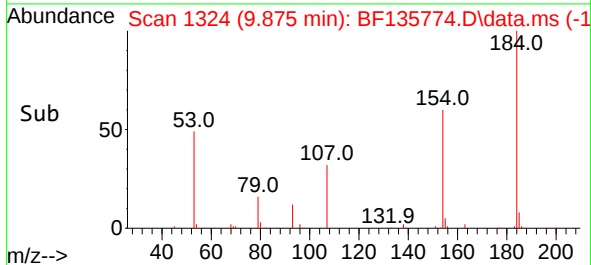
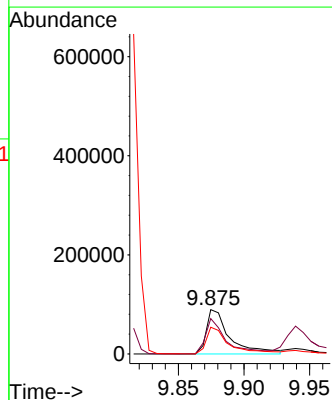
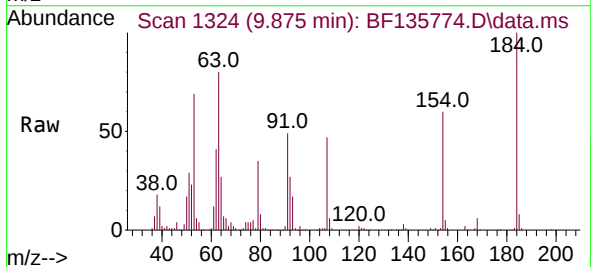
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MSD

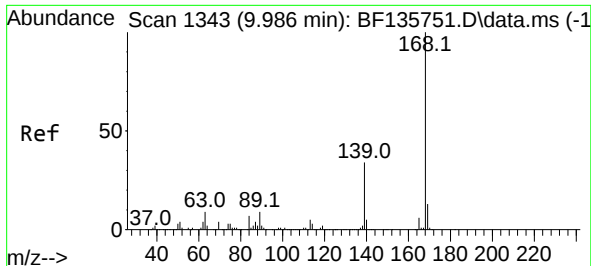
Tgt Ion:138 Resp: 129705
Ion Ratio Lower Upper
138 100
108 9.7 8.6 13.0
92 117.9 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 98.785 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion:184 Resp: 112059
Ion Ratio Lower Upper
184 100
63 79.8 54.6 81.8
154 60.2 45.0 67.4

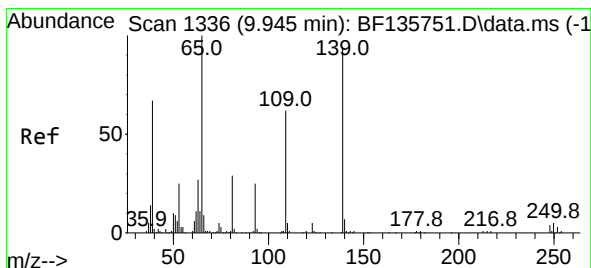
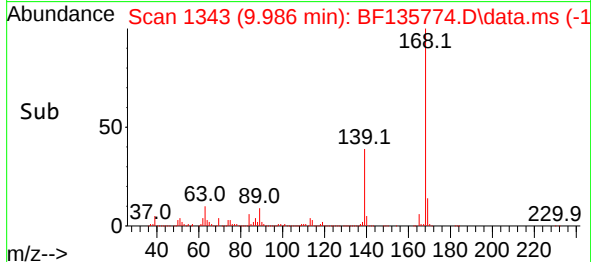
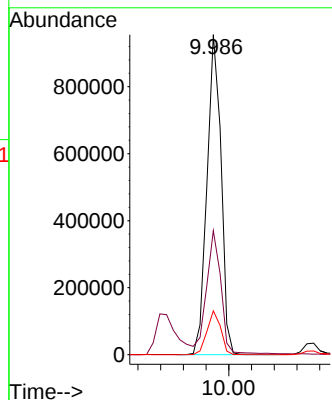
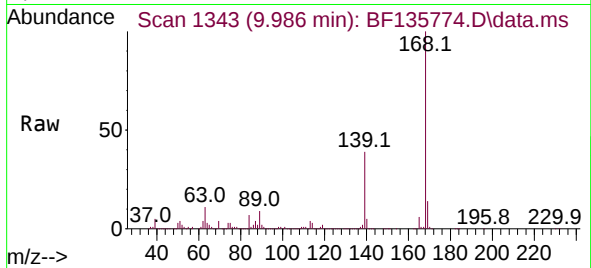




#55
Dibenzenofuran
Concen: 52.846 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

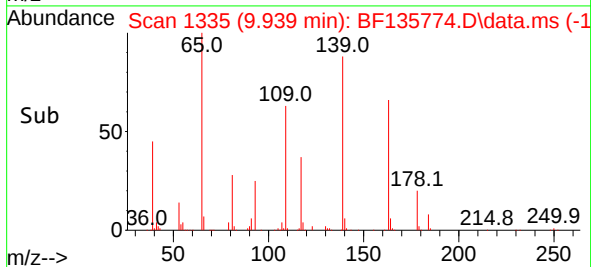
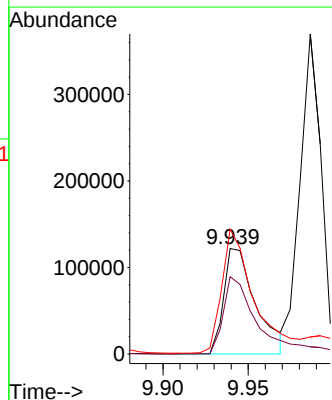
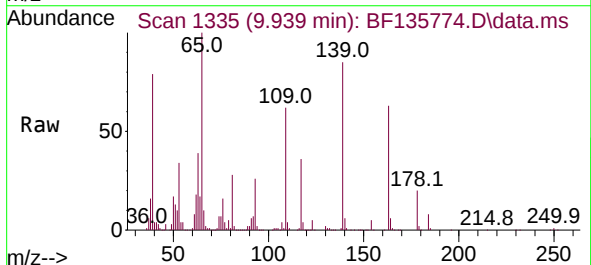
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MSD

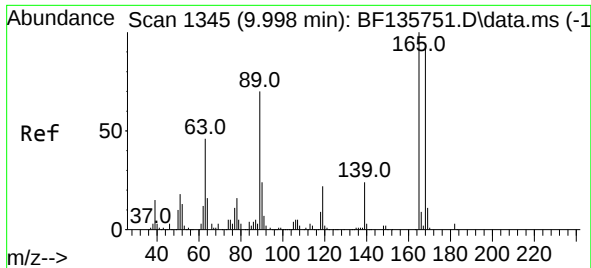
Tgt Ion:168 Resp: 817384
Ion Ratio Lower Upper
168 100
139 38.7 31.0 46.4
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 102.545 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion:139 Resp: 159056
Ion Ratio Lower Upper
139 100
109 73.2 45.6 85.6
65 118.3 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 54.876 ng

RT: 9.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MSD

Tgt Ion:165 Resp: 189723

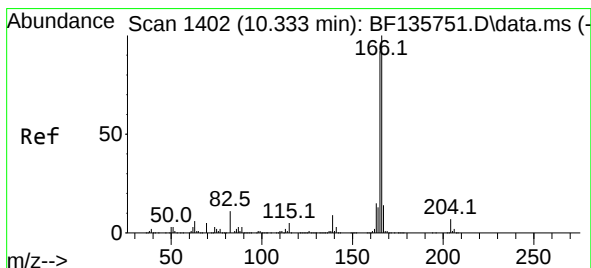
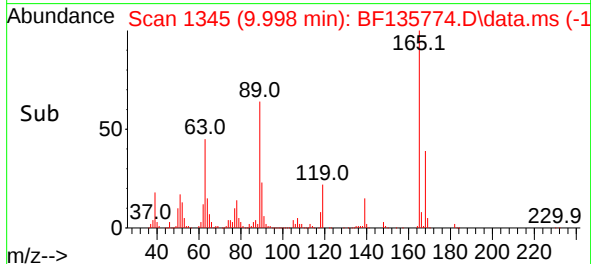
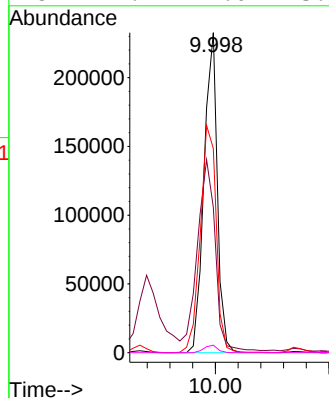
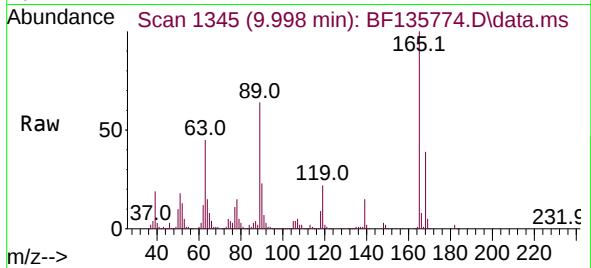
Ion Ratio Lower Upper

165 100

63 45.5 39.0 58.4

89 63.8 55.9 83.9

182 2.4 2.0 3.0



#58

Fluorene

Concen: 53.720 ng

RT: 10.333 min Scan# 1402

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

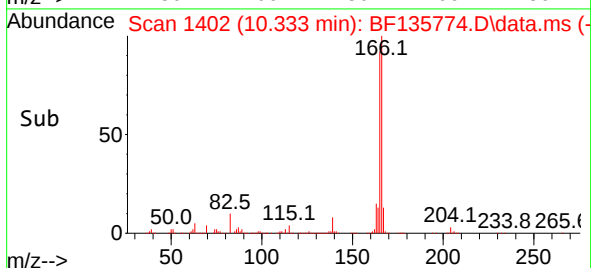
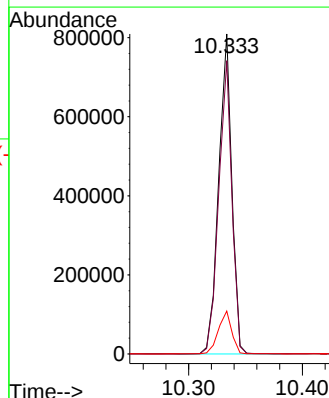
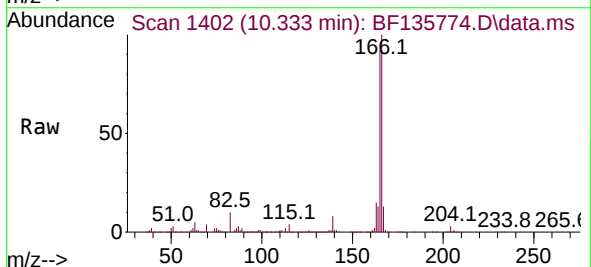
Tgt Ion:166 Resp: 650483

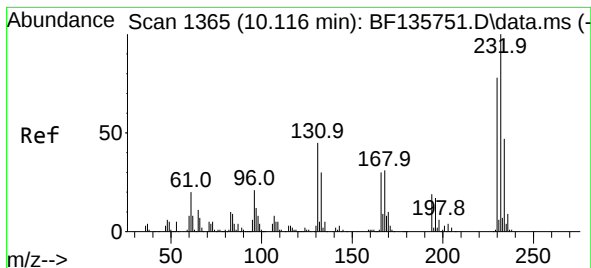
Ion Ratio Lower Upper

166 100

165 91.6 73.4 110.0

167 13.4 11.0 16.6

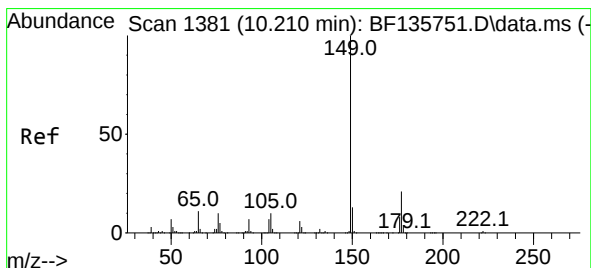
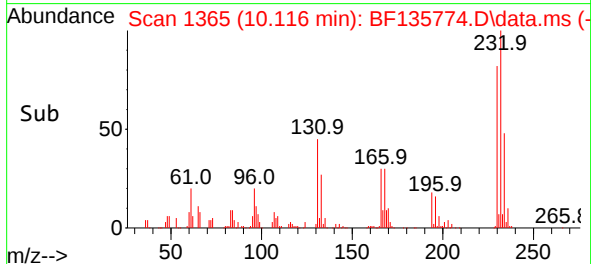
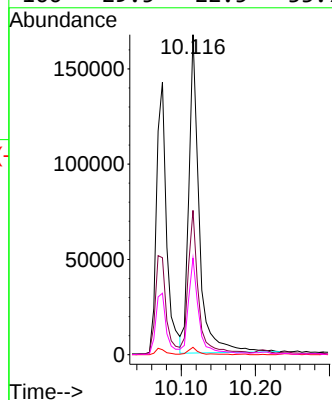
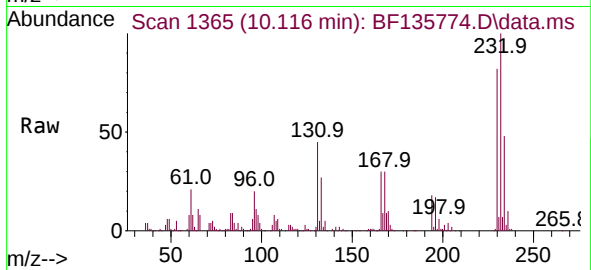




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.277 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

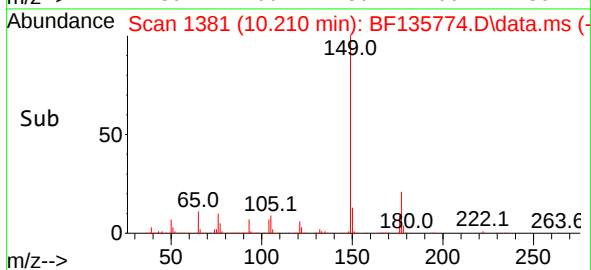
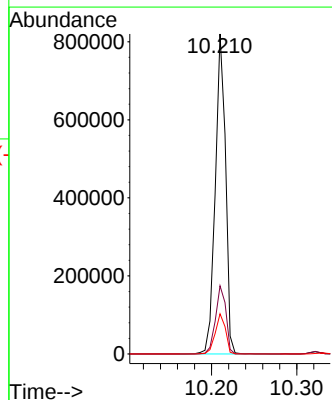
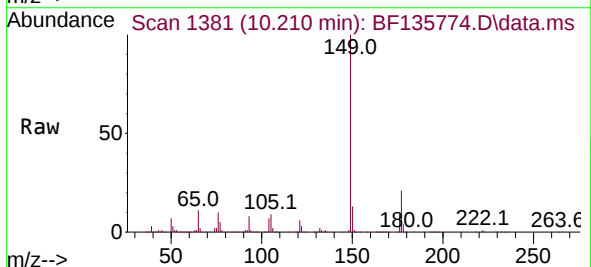
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MSD

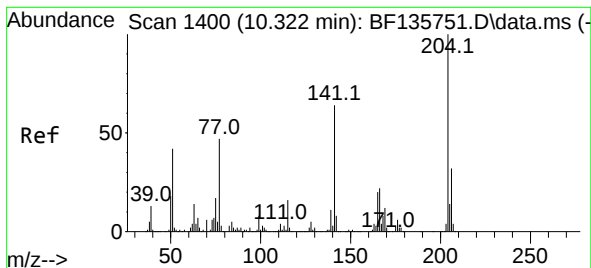
Tgt Ion:232 Resp: 162498
Ion Ratio Lower Upper
232 100
131 43.7 35.8 53.6
130 2.4 1.9 2.9
166 29.5 22.5 33.7



#60
Diethylphthalate
Concen: 53.184 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion:149 Resp: 686129
Ion Ratio Lower Upper
149 100
177 21.3 16.9 25.3
150 12.5 10.2 15.2

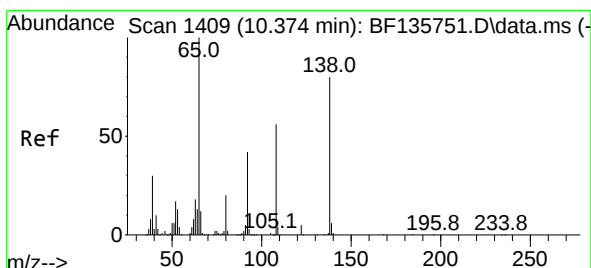
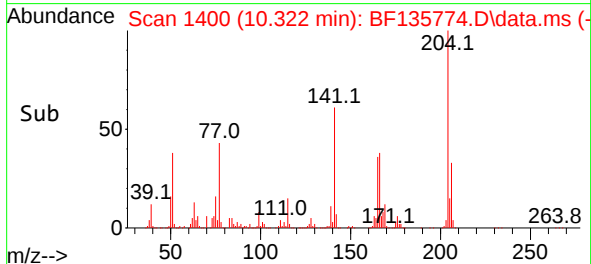
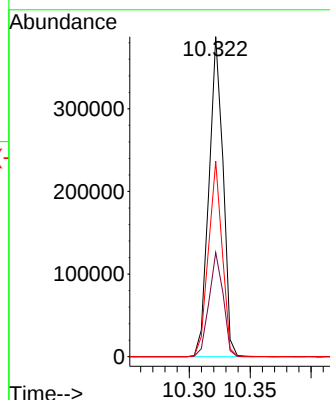
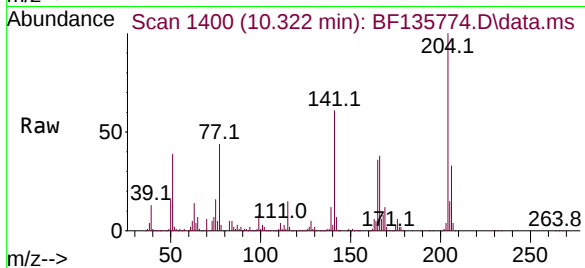




#61
4-Chlorophenyl-phenylether
Concen: 52.971 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

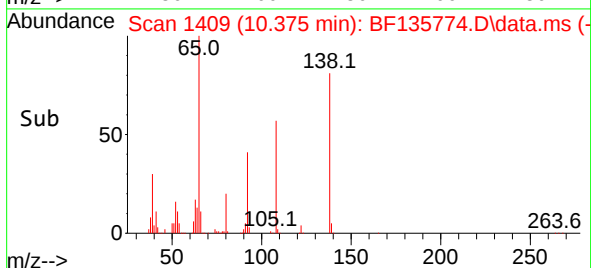
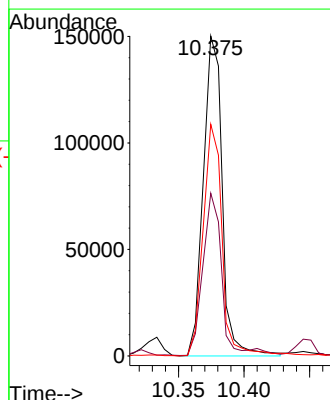
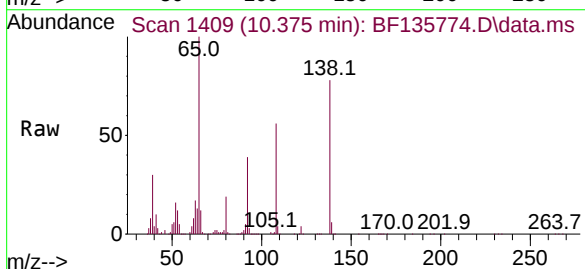
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MSD

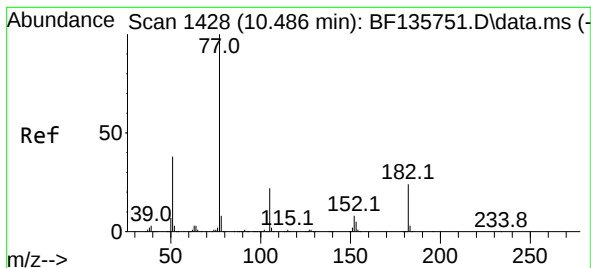
Tgt Ion:204 Resp: 310000
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 61.1 51.4 77.0



#62
4-Nitroaniline
Concen: 49.312 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion:138 Resp: 151144
Ion Ratio Lower Upper
138 100
92 50.9 31.9 71.9
108 72.4 49.7 89.7





#63

Azobenzene

Concen: 53.932 ng

RT: 10.486 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MSD

Tgt Ion: 77 Resp: 675986

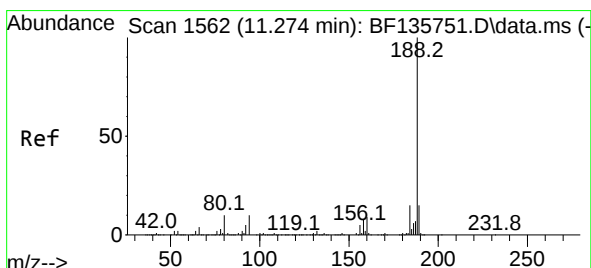
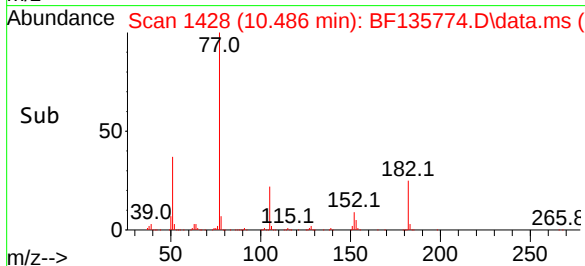
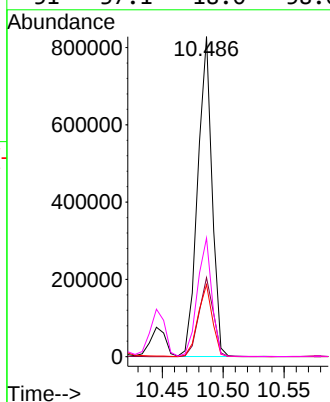
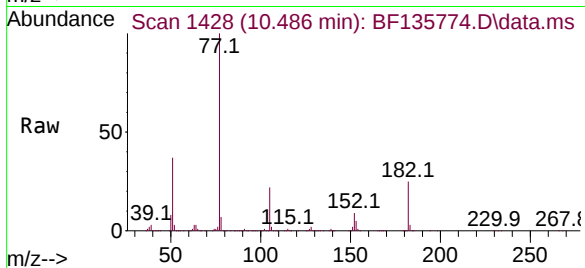
Ion Ratio Lower Upper

77 100

182 24.7 3.5 43.5

105 22.5 2.2 42.2

51 37.1 18.0 58.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1562

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

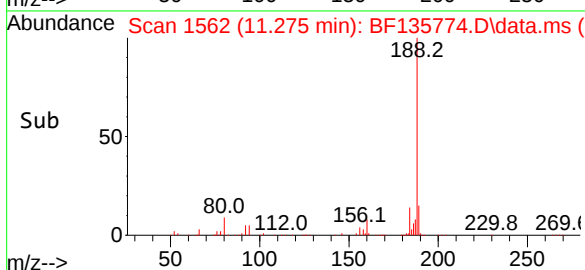
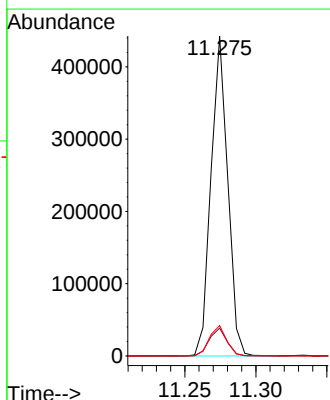
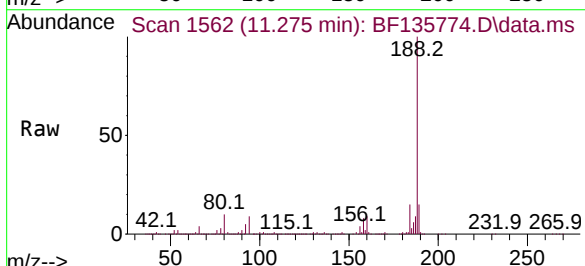
Tgt Ion: 188 Resp: 362184

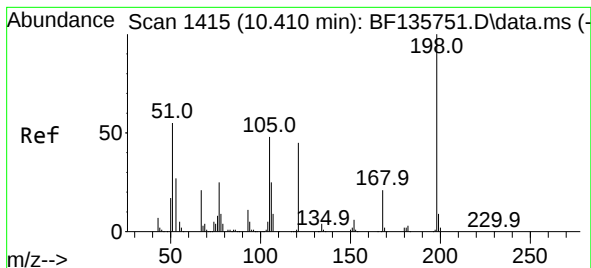
Ion Ratio Lower Upper

188 100

94 8.7 8.0 12.0

80 9.5 8.3 12.5

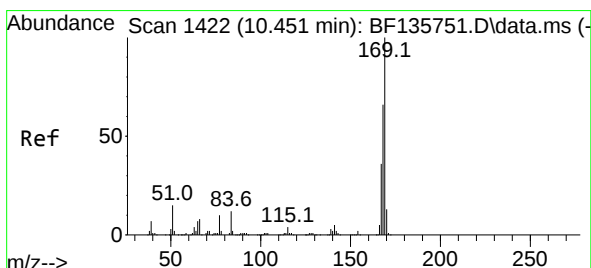
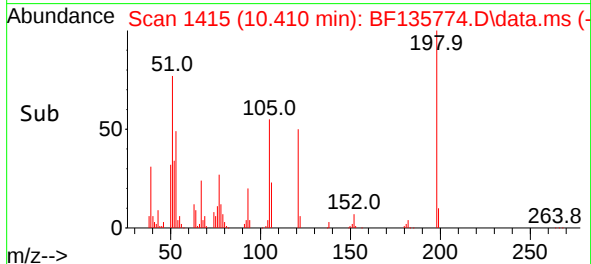
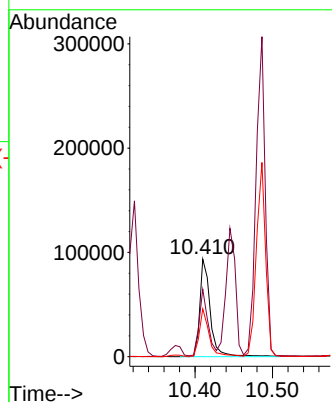
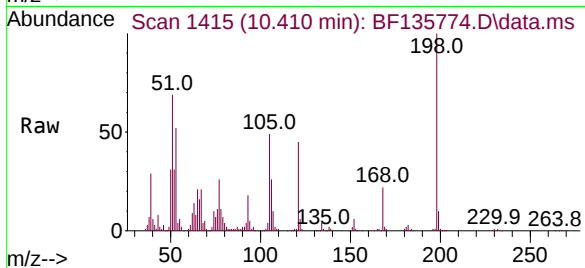




#65
4,6-Dinitro-2-methylphenol
Concen: 48.112 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

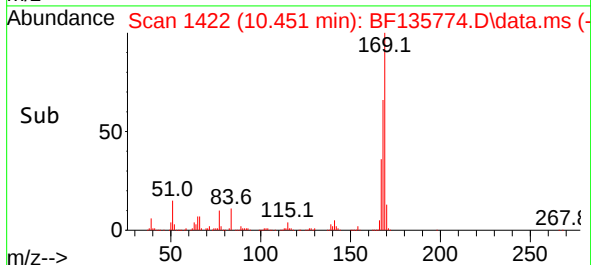
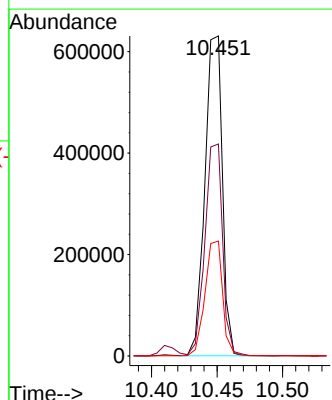
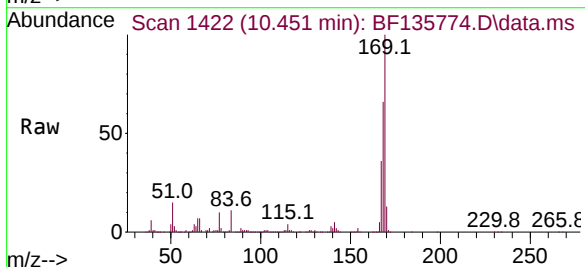
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MSD

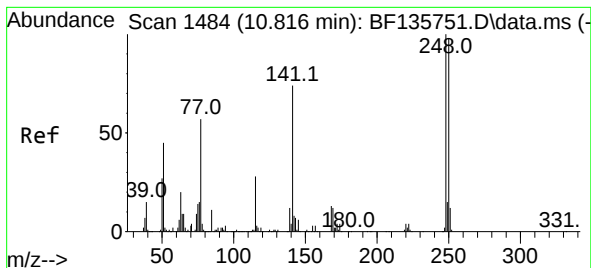
Tgt Ion:198 Resp: 87696
Ion Ratio Lower Upper
198 100
51 69.0 47.6 87.6
105 49.0 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 53.140 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion:169 Resp: 586632
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.2
167 35.9 29.2 43.8

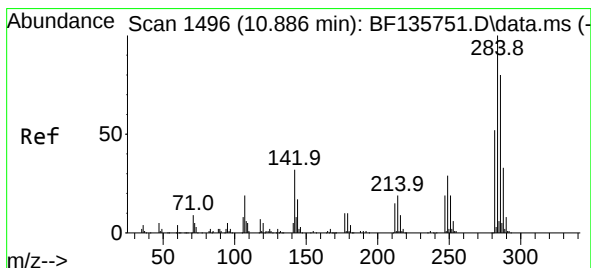
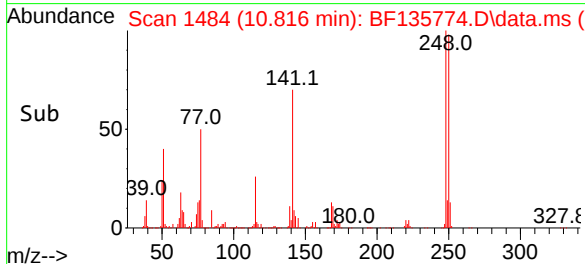
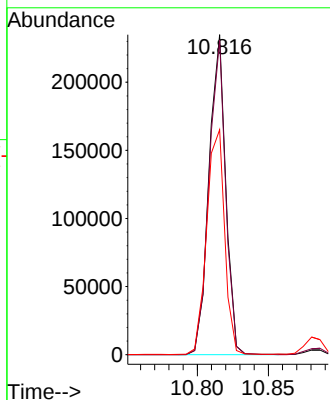
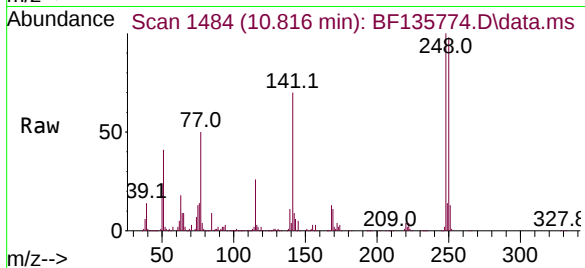




#67
4-Bromophenyl-phenylether
Concen: 52.962 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

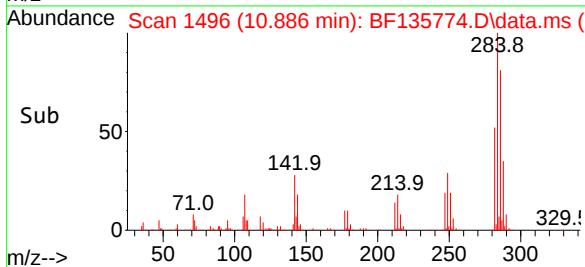
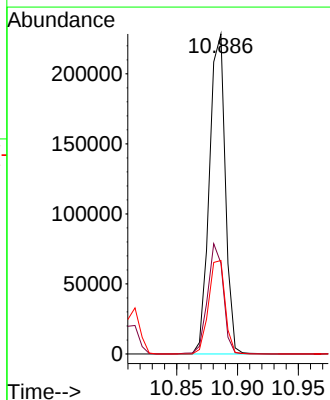
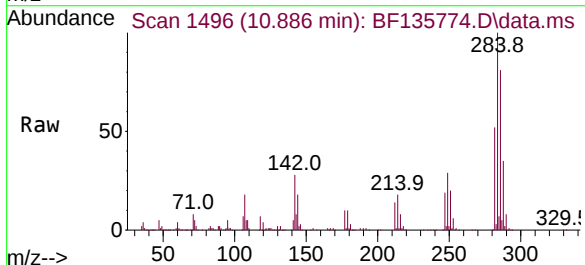
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MSD

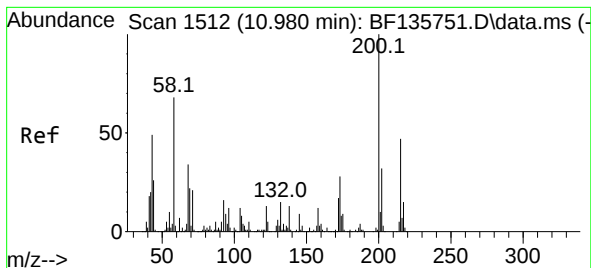
Tgt Ion:248 Resp: 192555
Ion Ratio Lower Upper
248 100
250 98.4 78.0 117.0
141 70.3 59.0 88.6



#68
Hexachlorobenzene
Concen: 56.261 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion:284 Resp: 208253
Ion Ratio Lower Upper
284 100
142 28.4 25.3 37.9
249 29.2 23.5 35.3





#69

Atrazine

Concen: 61.947 ng

RT: 10.980 min Scan# 1512

Delta R.T. -0.006 min

Lab File: BF135774.D

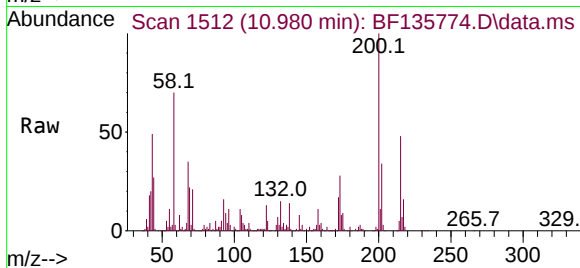
Acq: 16 Oct 2023 13:43

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MSD



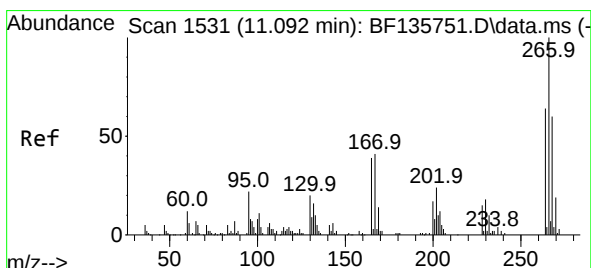
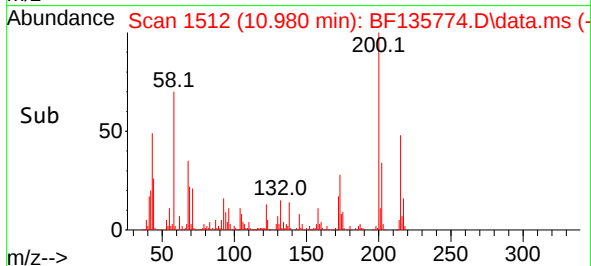
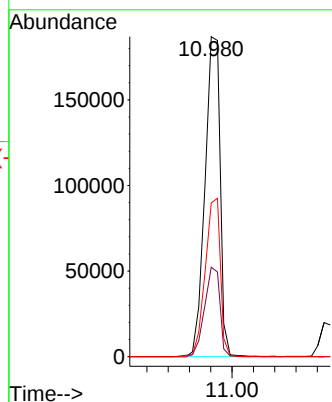
Tgt Ion:200 Resp: 186007

Ion Ratio Lower Upper

200 100

173 28.0 7.6 47.6

215 48.0 27.1 67.1



#70

Pentachlorophenol

Concen: 102.638 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

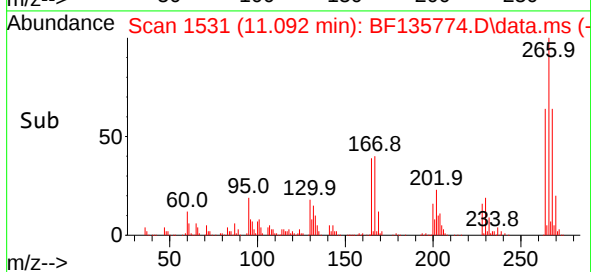
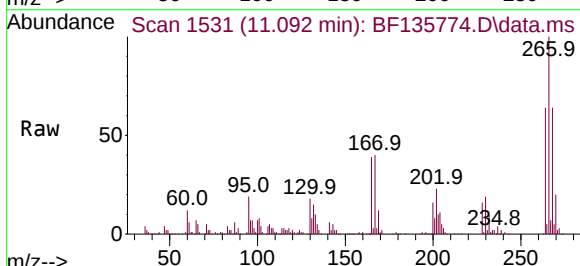
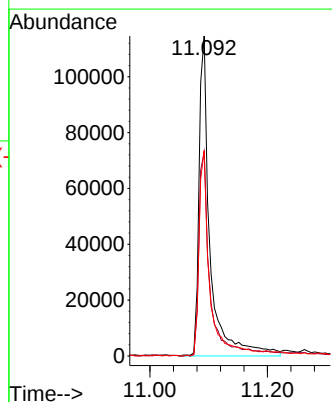
Tgt Ion:266 Resp: 149842

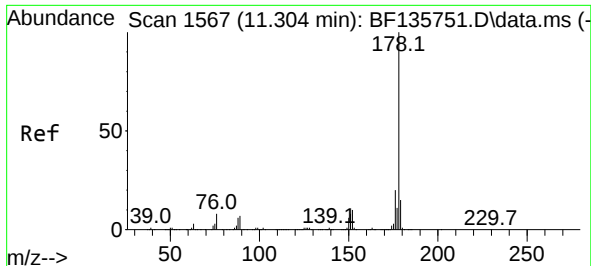
Ion Ratio Lower Upper

266 100

268 63.9 47.7 71.5

264 64.2 51.4 77.2

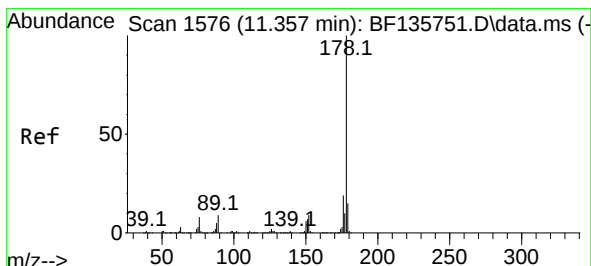
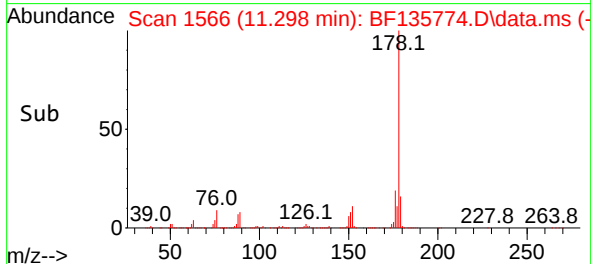
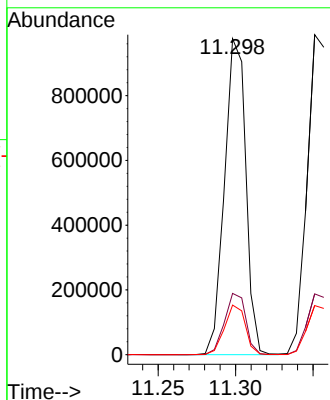
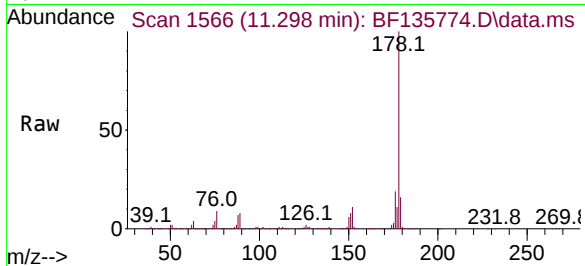




#71
Phenanthrene
Concen: 53.827 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

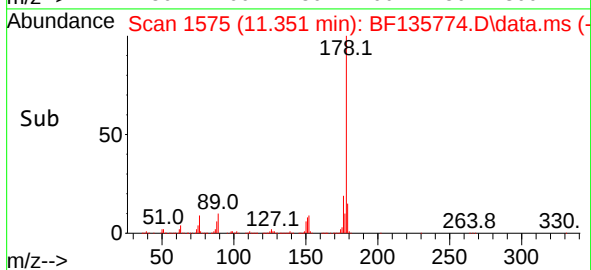
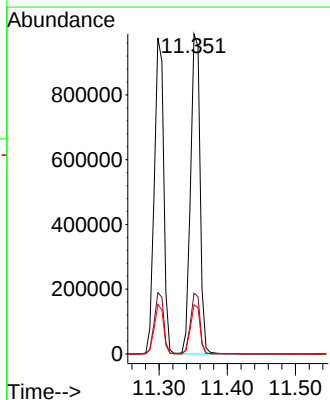
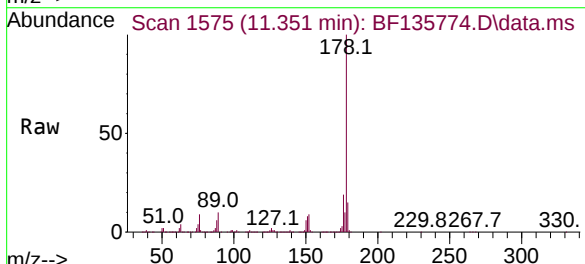
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MSD

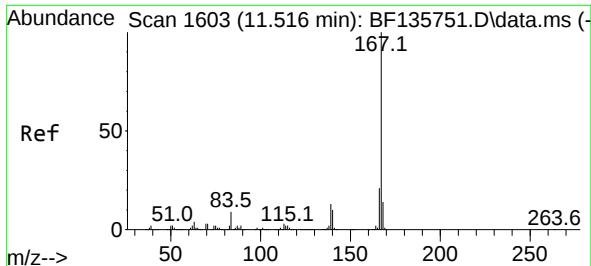
Tgt Ion:178 Resp: 933919
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.7 12.2 18.4



#72
Anthracene
Concen: 52.729 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion:178 Resp: 948009
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.4 12.3 18.5

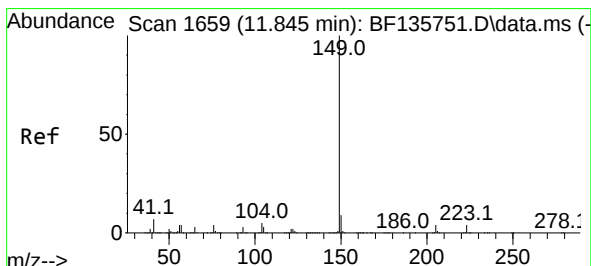
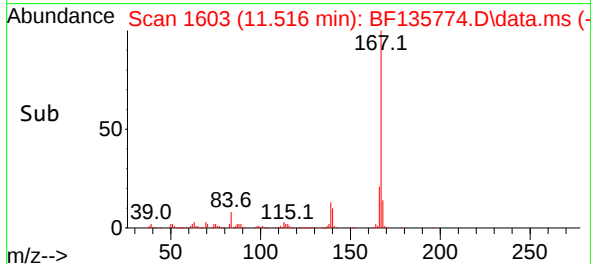
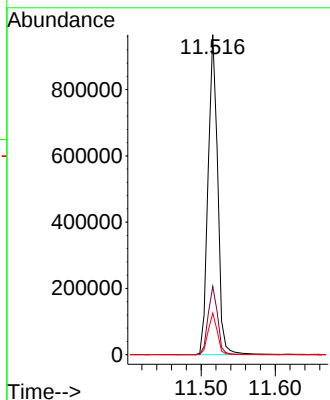
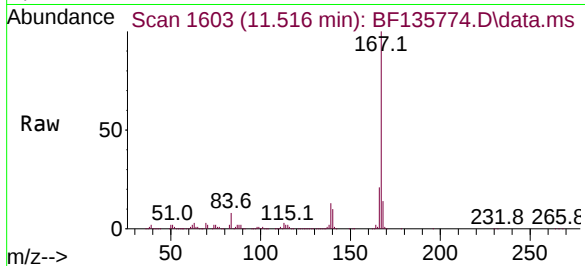




#73
 Carbazole
 Concen: 51.897 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. -0.006 min
 Lab File: BF135774.D
 Acq: 16 Oct 2023 13:43

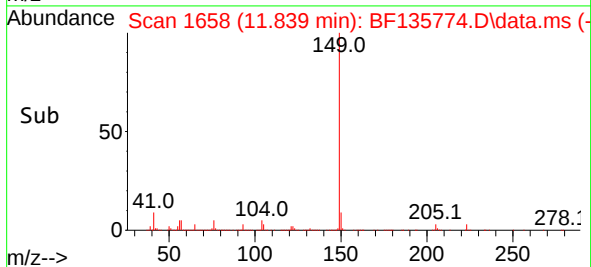
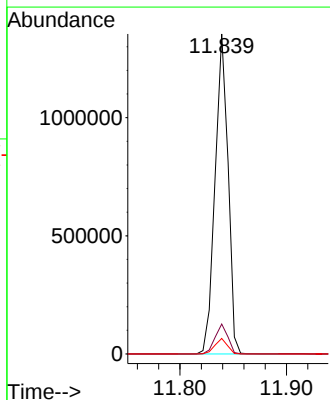
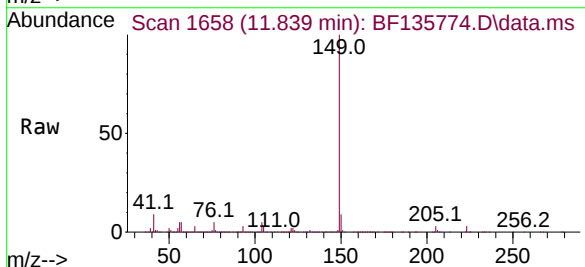
Instrument :
 BNA_F
 ClientSampleId :
 PP-20230928-B6A-0-7.5MSD

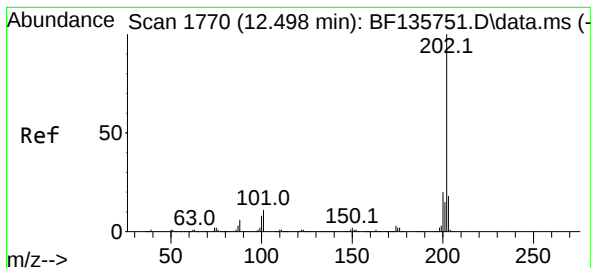
Tgt Ion:167 Resp: 870207
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 13.0 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 55.355 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BF135774.D
 Acq: 16 Oct 2023 13:43

Tgt Ion:149 Resp: 1139592
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.9 3.7 5.5





#75

Fluoranthene

Concen: 50.543 ng

RT: 12.498 min Scan# 1770

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MSD

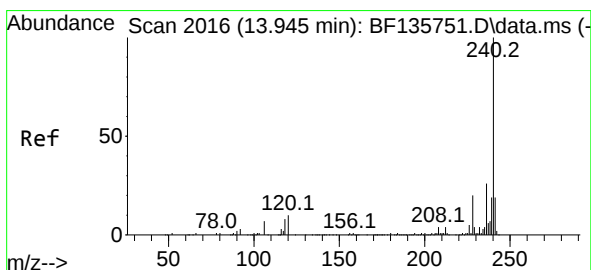
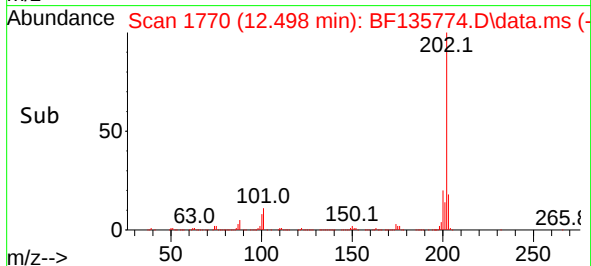
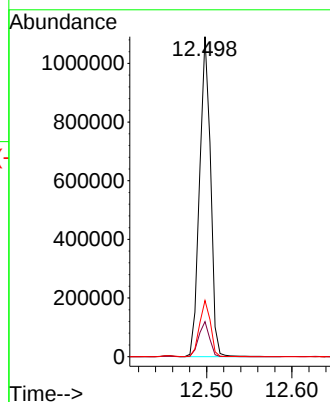
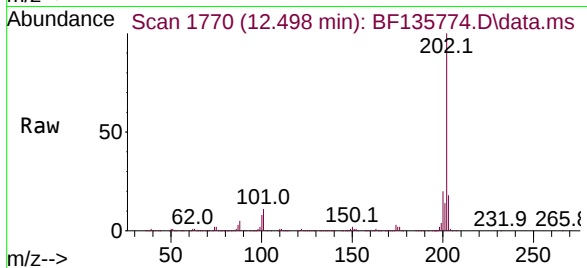
Tgt Ion:202 Resp: 973279

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.5

203 17.6 0.0 38.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

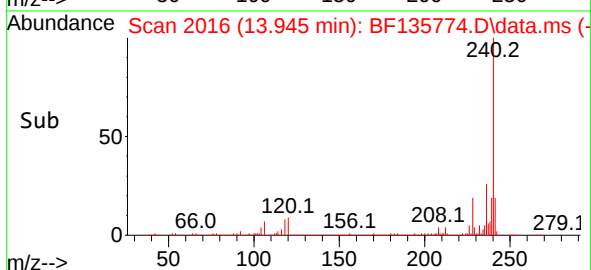
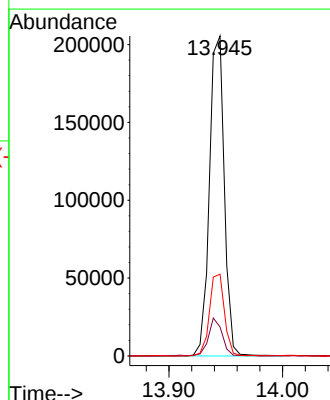
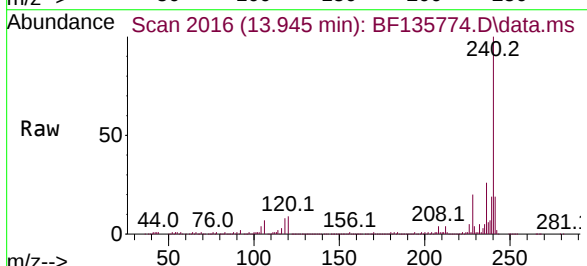
Tgt Ion:240 Resp: 186522

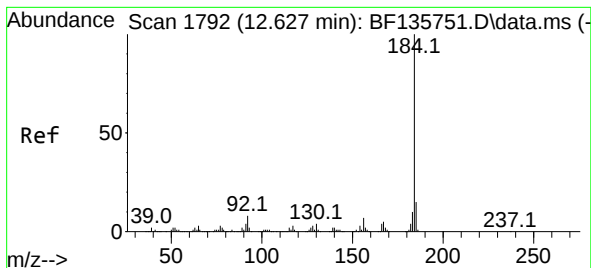
Ion Ratio Lower Upper

240 100

120 9.1 8.2 12.2

236 25.6 21.2 31.8





#77

Benzidine

Concen: 39.531 ng

RT: 12.627 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MSD

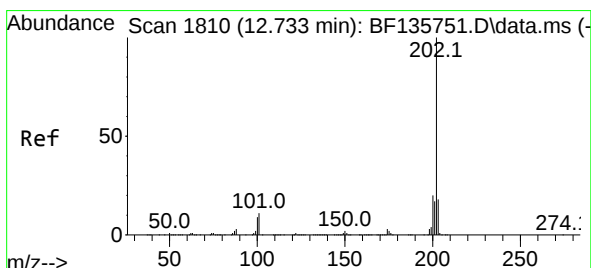
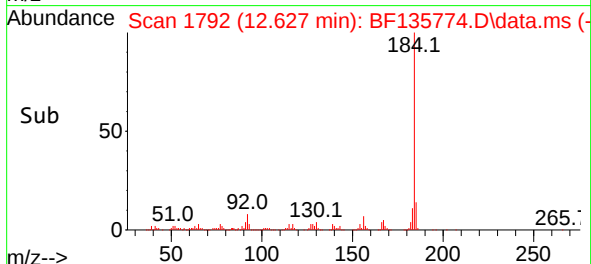
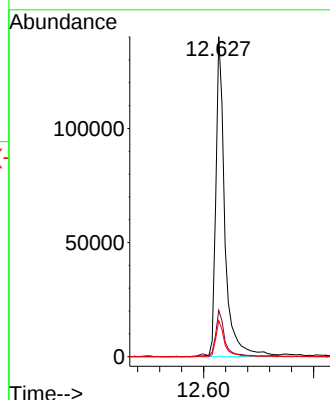
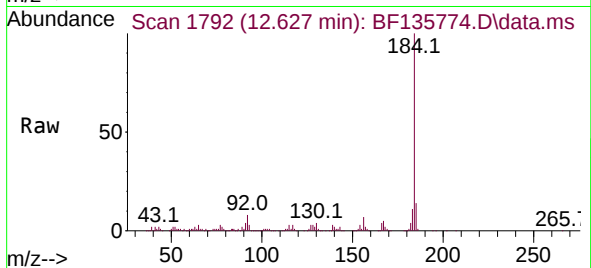
Tgt Ion:184 Resp: 160893

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

183 11.2 8.2 12.2



#78

Pyrene

Concen: 65.404 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

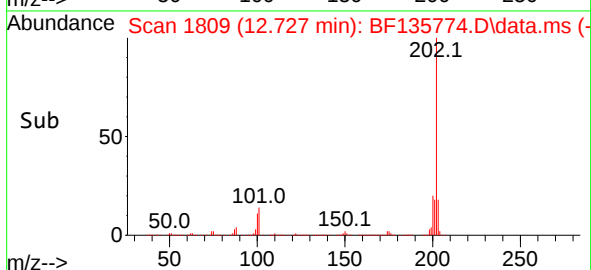
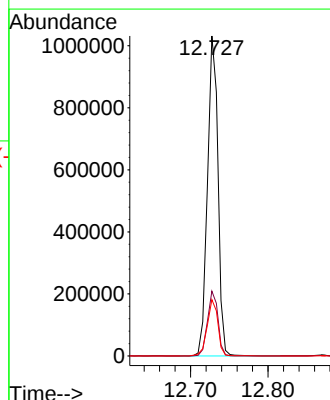
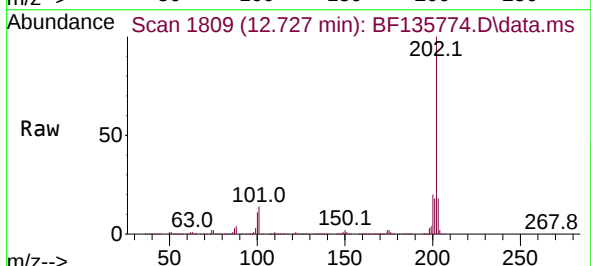
Tgt Ion:202 Resp: 969413

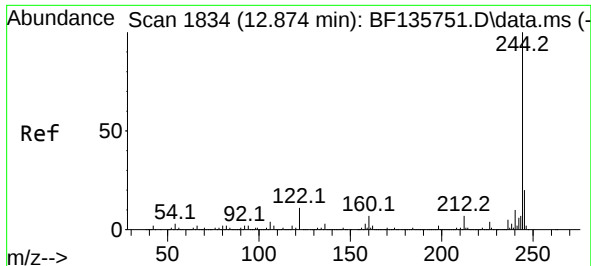
Ion Ratio Lower Upper

202 100

200 20.3 16.1 24.1

203 17.6 14.2 21.2

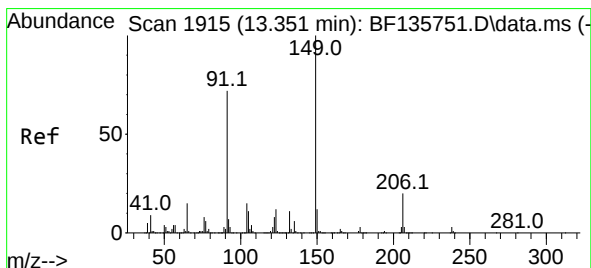
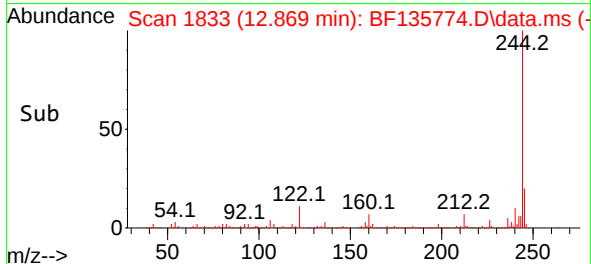
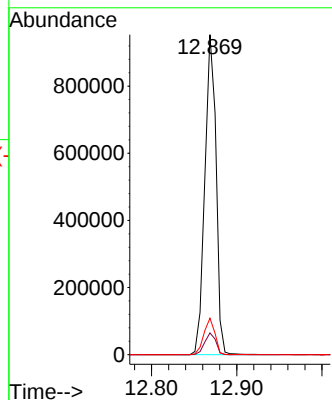
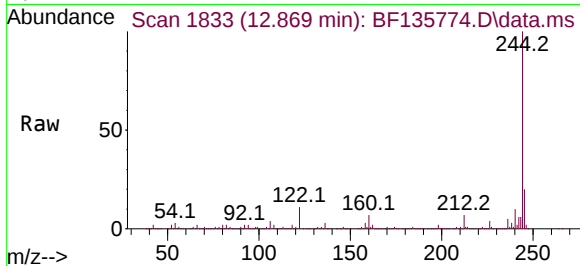




#79
 Terphenyl-d14
 Concen: 86.548 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135774.D
 Acq: 16 Oct 2023 13:43

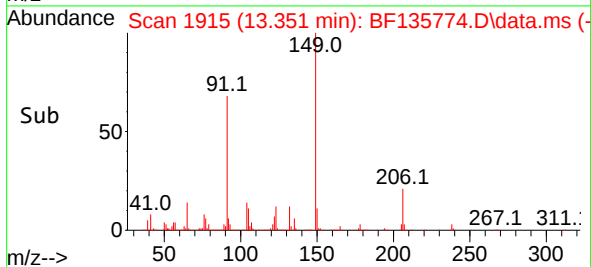
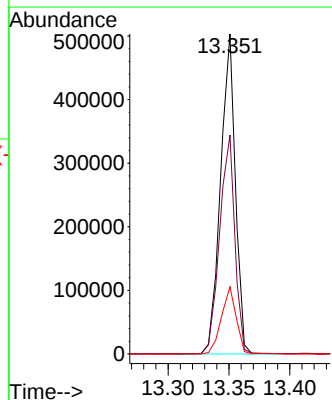
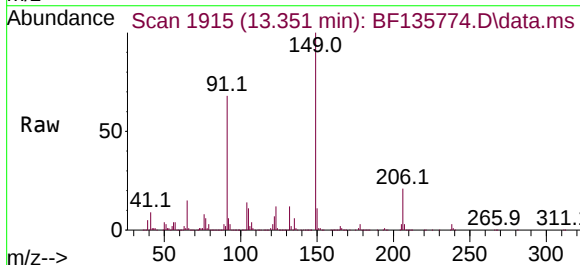
Instrument :
 BNA_F
 ClientSampleId :
 PP-20230928-B6A-0-7.5MSD

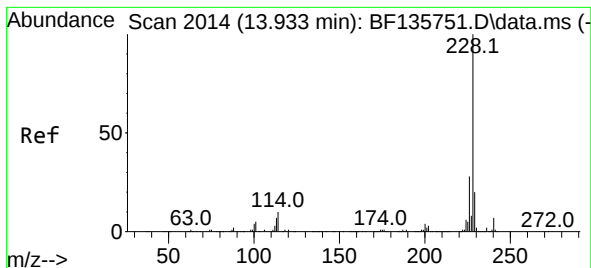
Tgt Ion:244 Resp: 871700
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.4 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 65.501 ng
 RT: 13.351 min Scan# 1915
 Delta R.T. -0.006 min
 Lab File: BF135774.D
 Acq: 16 Oct 2023 13:43

Tgt Ion:149 Resp: 426626
 Ion Ratio Lower Upper
 149 100
 91 68.4 57.4 86.0
 206 21.0 16.2 24.4





#81

Benzo(a)anthracene

Concen: 57.812 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MSD

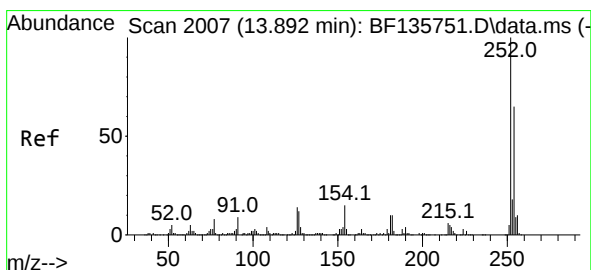
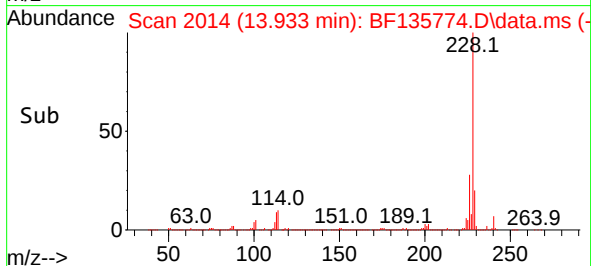
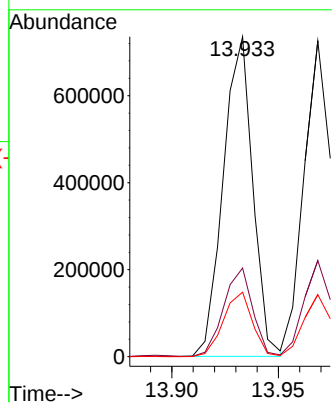
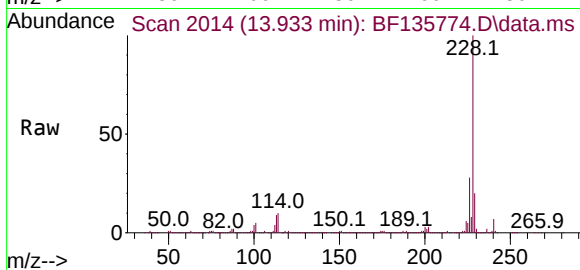
Tgt Ion:228 Resp: 708279

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

229 20.2 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 38.230 ng

RT: 13.892 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

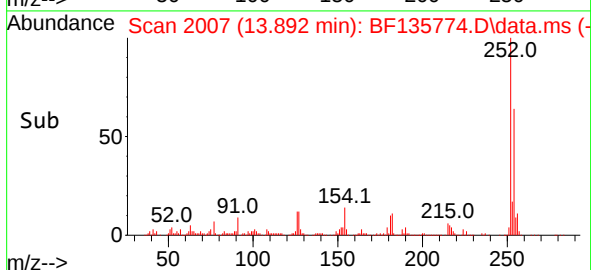
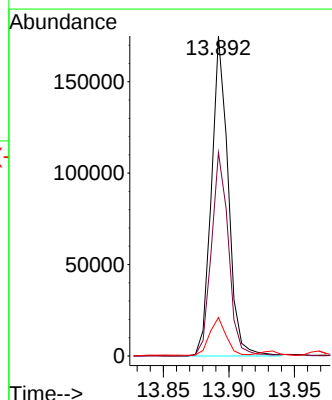
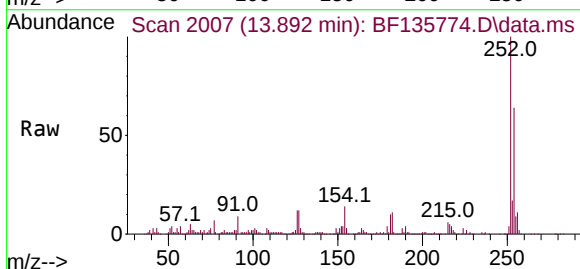
Tgt Ion:252 Resp: 155337

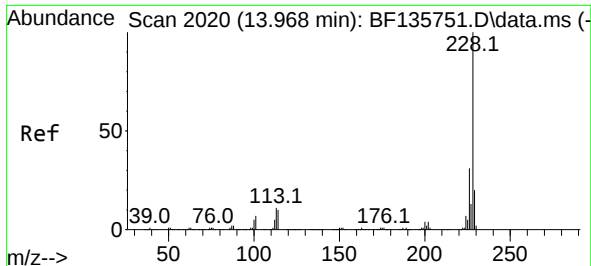
Ion Ratio Lower Upper

252 100

254 63.6 51.8 77.6

126 12.0 11.0 16.4

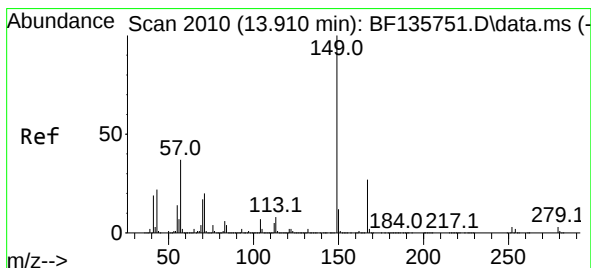
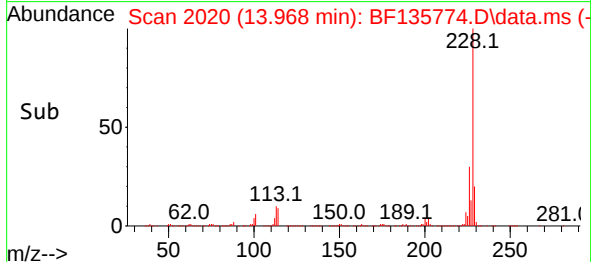
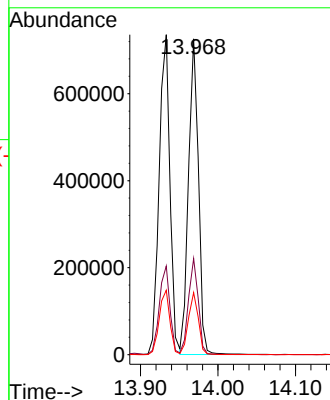
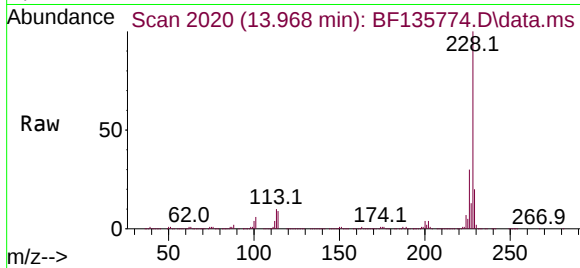




#83
Chrysene
Concen: 54.643 ng
RT: 13.968 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

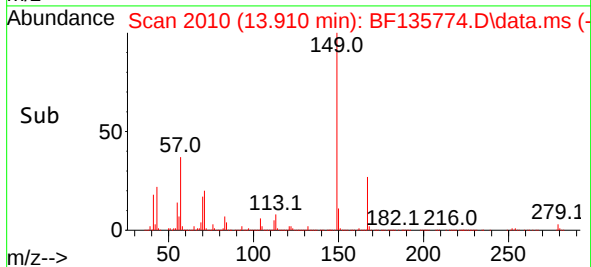
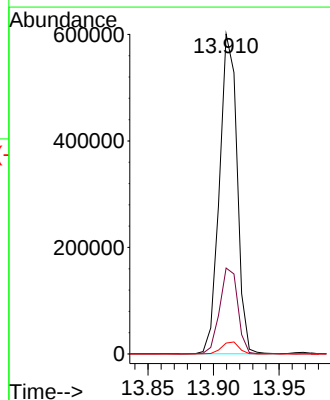
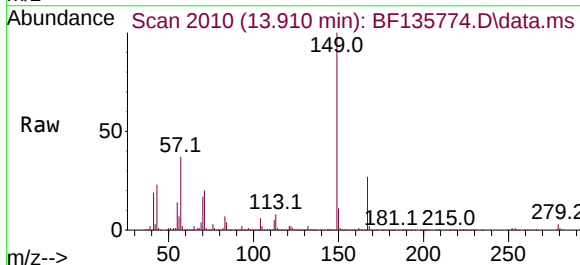
Instrument : BNA_F
ClientSampleId : PP-20230928-B6A-0-7.5MSD

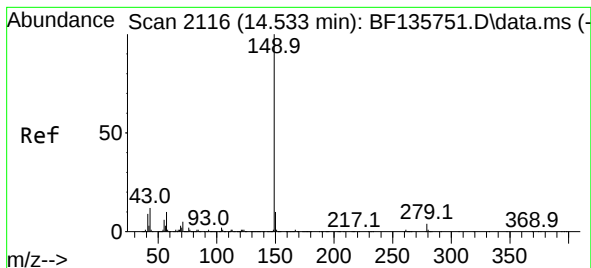
Tgt Ion:228 Resp: 648426
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.7 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 63.468 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion:149 Resp: 560280
Ion Ratio Lower Upper
149 100
167 26.9 21.3 31.9
279 3.4 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 62.626 ng

RT: 14.527 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MSD

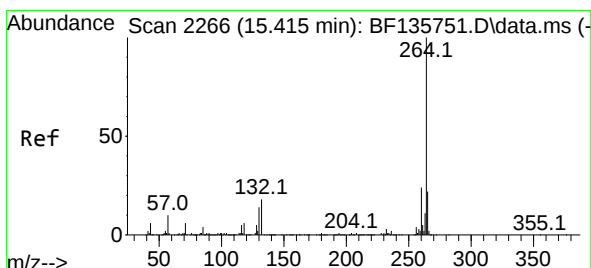
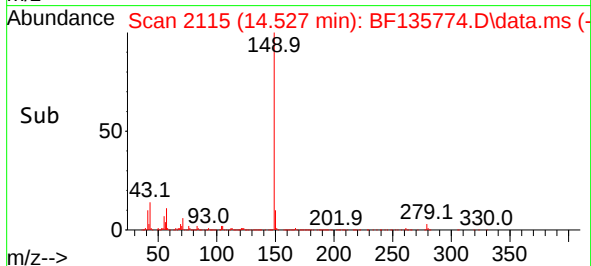
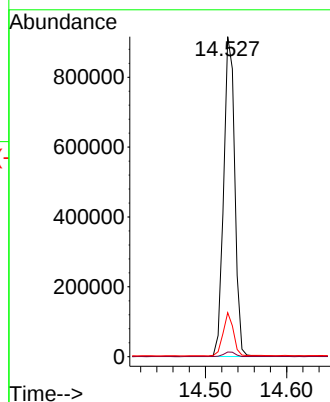
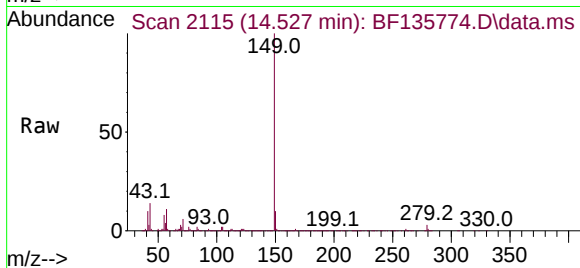
Tgt Ion:149 Resp: 876652

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.5 10.1 15.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

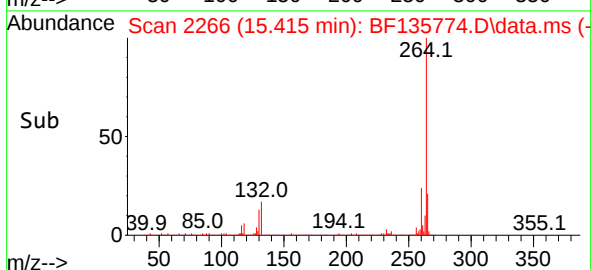
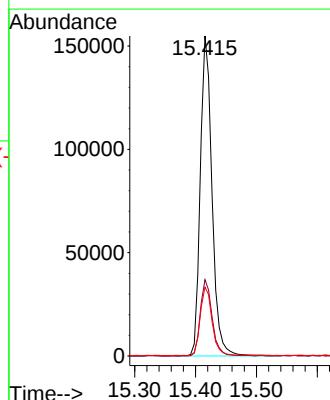
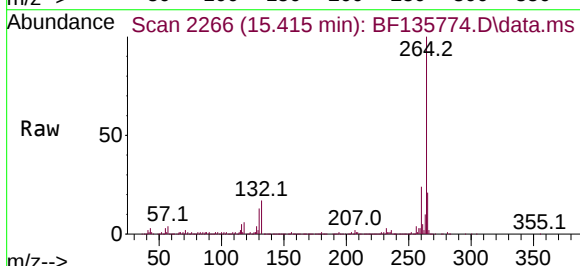
Tgt Ion:264 Resp: 206780

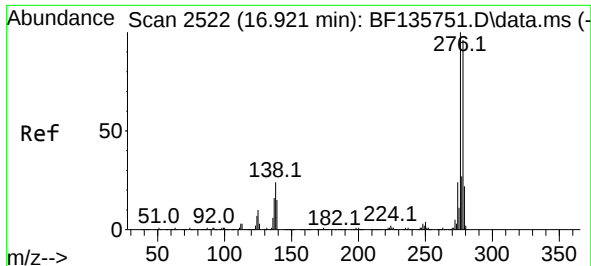
Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.5 17.4 26.2

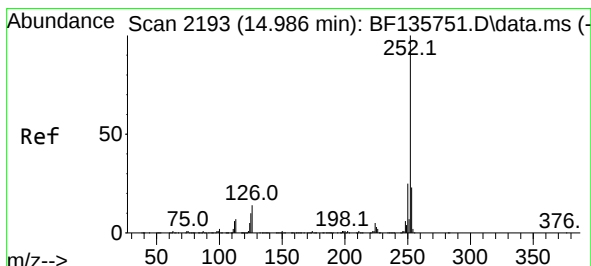
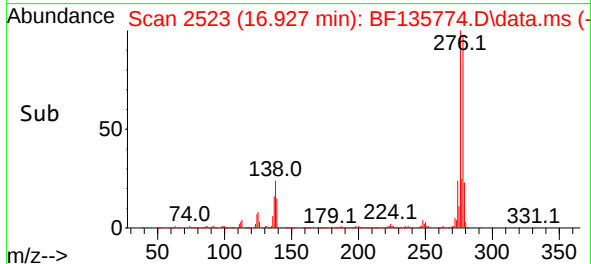
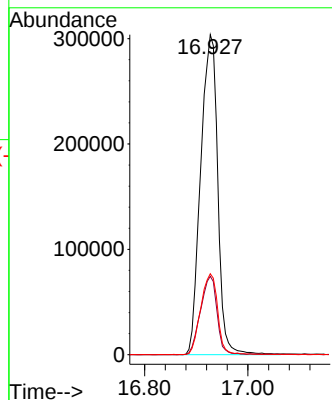
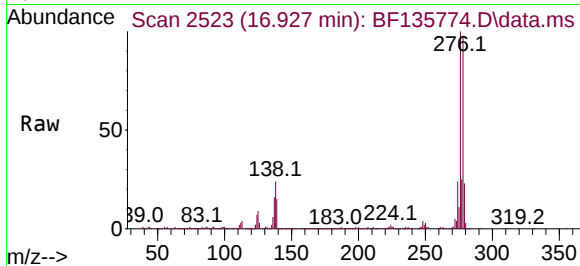




#87
Indeno(1,2,3-cd)pyrene
Concen: 61.808 ng
RT: 16.927 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

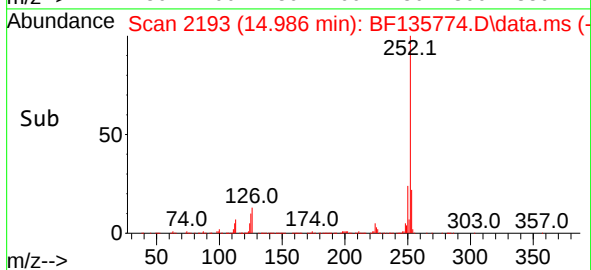
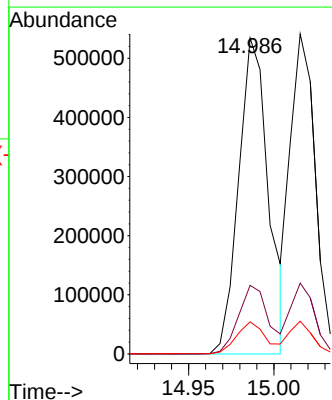
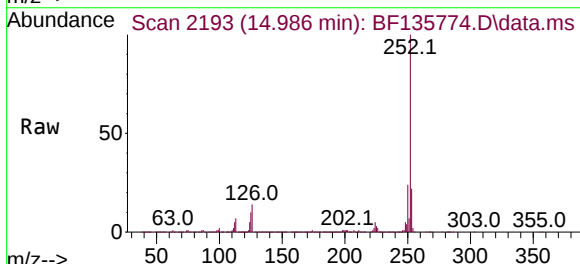
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-0-7.5MSD

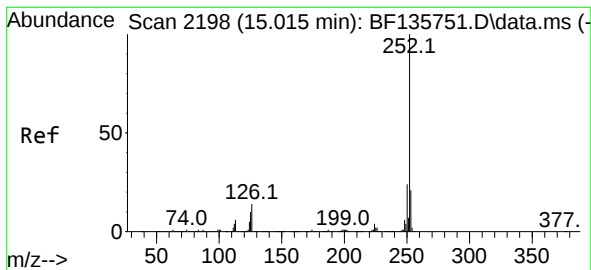
Tgt Ion:276 Resp: 696387
Ion Ratio Lower Upper
276 100
138 23.6 19.8 29.6
277 25.2 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 56.264 ng
RT: 14.986 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion:252 Resp: 651133
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 10.2 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 49.407 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B6A-0-7.5MSD

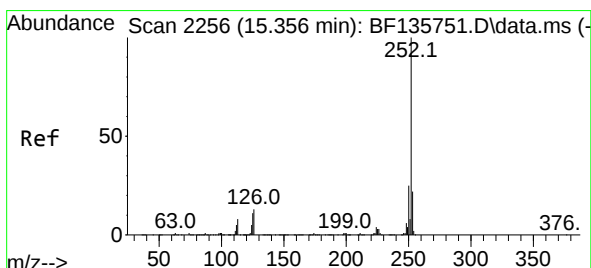
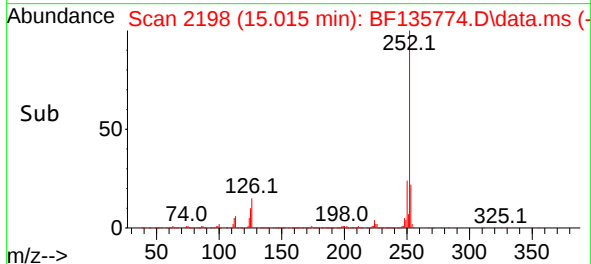
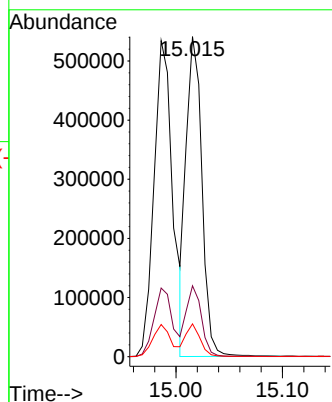
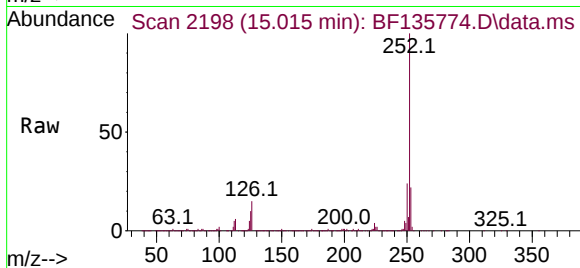
Tgt Ion:252 Resp: 555108

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 10.2 8.3 12.5



#90

Benzo(a)pyrene

Concen: 51.368 ng

RT: 15.357 min Scan# 2256

Delta R.T. -0.006 min

Lab File: BF135774.D

Acq: 16 Oct 2023 13:43

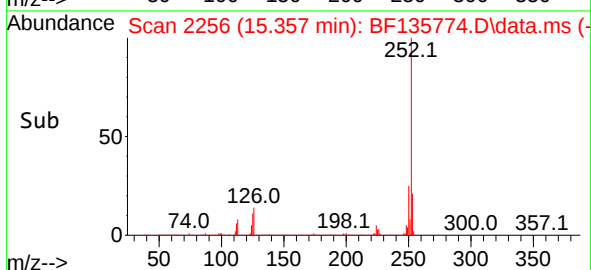
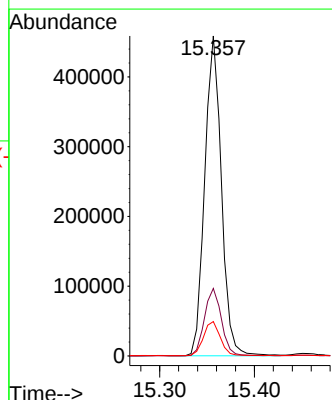
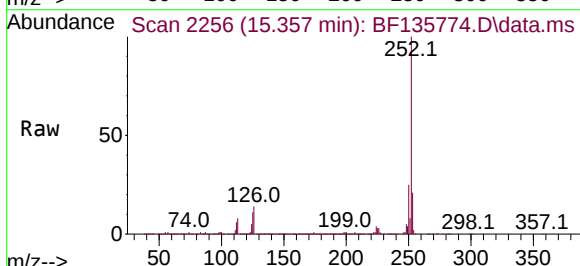
Tgt Ion:252 Resp: 559001

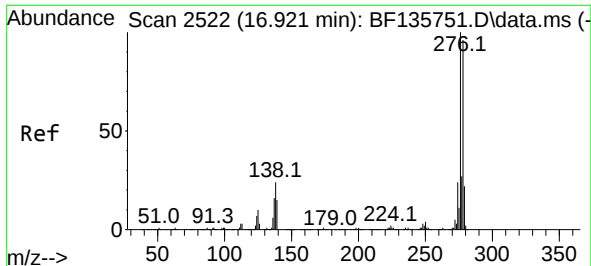
Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.2

125 10.8 8.8 13.2

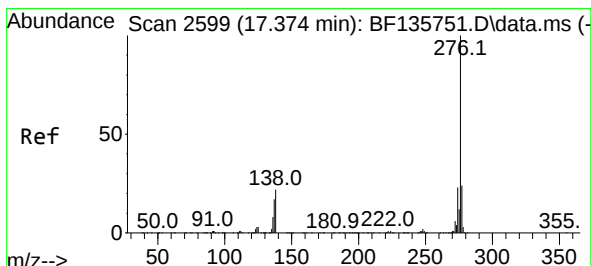
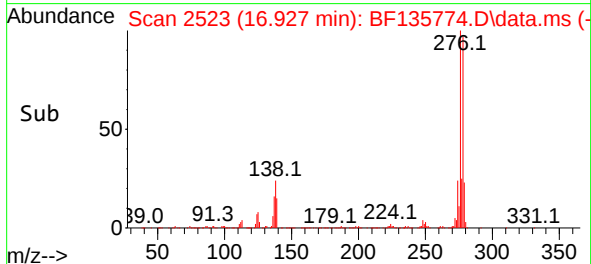
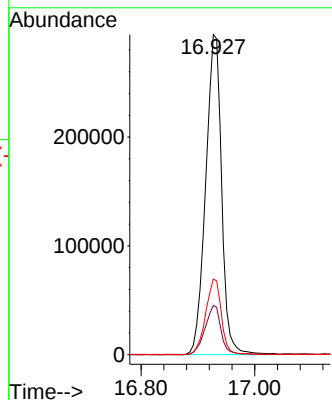
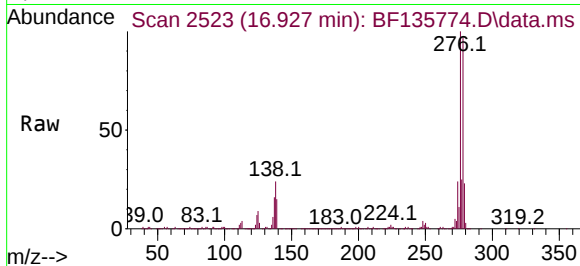




#91
Dibenzo(a,h)anthracene
Concen: 62.012 ng
RT: 16.927 min Scan# 2522
Delta R.T. -0.012 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Instrument : BNA_F
ClientSampleId : PP-20230928-B6A-0-7.5MSD

Tgt Ion:278 Resp: 572764
Ion Ratio Lower Upper
278 100
139 15.4 12.5 18.7
279 23.7 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 58.340 ng
RT: 17.374 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF135774.D
Acq: 16 Oct 2023 13:43

Tgt Ion:276 Resp: 553508
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.2
138 20.2 17.3 25.9

