

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141553.D
 Acq On : 11 Feb 2025 11:21
 Operator : RC/JU
 Sample : PB166640BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166640BS

Quant Time: Feb 11 11:48:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	98338	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	392665	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	222790	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	382820	20.000	ng	0.00
76) Chrysene-d12	13.957	240	245835	20.000	ng	0.00
86) Perylene-d12	15.404	264	192005	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	747104	119.106	ng	0.01
7) Phenol-d6	6.434	99	936838	118.168	ng	0.00
23) Nitrobenzene-d5	7.357	82	619912	82.344	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	284408	127.080	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1214066	83.955	ng	0.00
79) Terphenyl-d14	12.898	244	1434287	98.494	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	85878	34.017	ng	99
3) Pyridine	3.316	79	206790	34.422	ng	99
4) n-Nitrosodimethylamine	3.257	42	145898	36.677	ng	97
6) Aniline	6.451	93	277331	37.291	ng	94
8) 2-Chlorophenol	6.575	128	267464	39.462	ng	99
9) Benzaldehyde	6.340	77	166184	39.446	ng	100
10) Phenol	6.446	94	317521	38.480	ng	95
11) bis(2-Chloroethyl)ether	6.528	93	242817	39.178	ng	100
12) 1,3-Dichlorobenzene	6.728	146	276983	38.709	ng	97
13) 1,4-Dichlorobenzene	6.804	146	276912	37.877	ng	99
14) 1,2-Dichlorobenzene	6.957	146	269902	39.778	ng	99
15) Benzyl Alcohol	6.934	79	238781	39.276	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	415819	39.193	ng	82
17) 2-Methylphenol	7.051	107	213840	40.317	ng	98
18) Hexachloroethane	7.298	117	108011	39.921	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	190159	40.099	ng	98
20) 3+4-Methylphenols	7.204	107	273070	40.511	ng	100
22) Acetophenone	7.198	105	410022	41.977	ng	98
24) Nitrobenzene	7.375	77	282825	38.526	ng	98
25) Isophorone	7.610	82	511753	42.633	ng	99
26) 2-Nitrophenol	7.687	139	145158	39.744	ng	97
27) 2,4-Dimethylphenol	7.728	122	218728	51.264	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	311535	40.502	ng	100
29) 2,4-Dichlorophenol	7.934	162	230194	39.930	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	241949	38.540	ng	99
31) Naphthalene	8.092	128	780285	38.175	ng	100
32) Benzoic acid	7.869	122	174885	39.461	ng	96
33) 4-Chloroaniline	8.145	127	198728	27.848	ng	98
34) Hexachlorobutadiene	8.210	225	151737	40.261	ng	99
35) Caprolactam	8.516	113	47351	26.977	ng	97
36) 4-Chloro-3-methylphenol	8.634	107	256122	40.108	ng	99
37) 2-Methylnaphthalene	8.787	142	502697	37.795	ng	99
38) 1-Methylnaphthalene	8.881	142	488688	37.935	ng	97
40) 1,2,4,5-Tetrachloroben...	8.951	216	276152	42.844	ng	99
41) Hexachlorocyclopentadiene	8.934	237	295141	137.668	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	164369	39.456	ng	99

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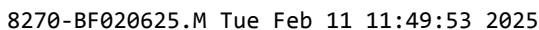
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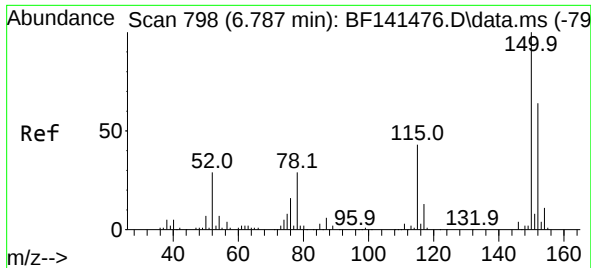
Quant Time: Feb 11 11:48:22 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	179191	39.689	ng	99
46) 1,1'-Biphenyl	9.251	154	737237	42.683	ng	100
47) 2-Chloronaphthalene	9.275	162	497000	38.912	ng	99
48) 2-Nitroaniline	9.375	65	171986	40.123	ng	98
49) Acenaphthylene	9.686	152	776939	40.897	ng	100
50) Dimethylphthalate	9.551	163	610541	40.367	ng	99
51) 2,6-Dinitrotoluene	9.616	165	135349	40.936	ng	98
52) Acenaphthene	9.863	154	489581	38.333	ng	99
53) 3-Nitroaniline	9.786	138	96150	27.019	ng	97
54) 2,4-Dinitrophenol	9.898	184	175822	89.474	ng	97
55) Dibenzofuran	10.034	168	707135	37.720	ng	99
56) 4-Nitrophenol	9.963	139	222417	84.195	ng	96
57) 2,4-Dinitrotoluene	10.022	165	181418	41.217	ng	100
58) Fluorene	10.375	166	567729	39.167	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	153873	39.587	ng	97
60) Diethylphthalate	10.251	149	592461	39.814	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	276120	39.596	ng	99
62) 4-Nitroaniline	10.404	138	137609	38.082	ng	99
63) Azobenzene	10.528	77	576561	38.974	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	110293	41.475	ng	96
66) n-Nitrosodiphenylamine	10.486	169	502279	40.988	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	176041	41.145	ng	97
68) Hexachlorobenzene	10.922	284	184417	41.859	ng	97
69) Atrazine	11.016	200	196812	53.535	ng	100
70) Pentachlorophenol	11.122	266	222244	78.891	ng	99
71) Phenanthrene	11.339	178	869573	41.266	ng	100
72) Anthracene	11.392	178	886168	41.834	ng	99
73) Carbazole	11.545	167	777086	40.770	ng	100
74) Di-n-butylphthalate	11.875	149	933869	42.433	ng	100
75) Fluoranthene	12.527	202	907964	40.641	ng	100
77) Benzidine	12.651	184	314381	57.985	ng	100
78) Pyrene	12.757	202	928873	44.386	ng	100
80) Butylbenzylphthalate	13.374	149	338587	46.711	ng	99
81) Benzo(a)anthracene	13.945	228	691833	42.336	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	142695	30.483	ng	100
83) Chrysene	13.980	228	616121	40.833	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	392947	48.065	ng	100
85) Di-n-octyl phthalate	14.551	149	528060	45.278	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	543554	45.816	ng	99
88) Benzo(b)fluoranthene	14.986	252	539713	41.863	ng	99
89) Benzo(k)fluoranthene	15.016	252	423973	38.512	ng	99
90) Benzo(a)pyrene	15.345	252	452188	43.346	ng	99
91) Dibenzo(a,h)anthracene	16.862	278	434973	45.248	ng	99
92) Benzo(g,h,i)perylene	17.280	276	430329	42.778	ng	99

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

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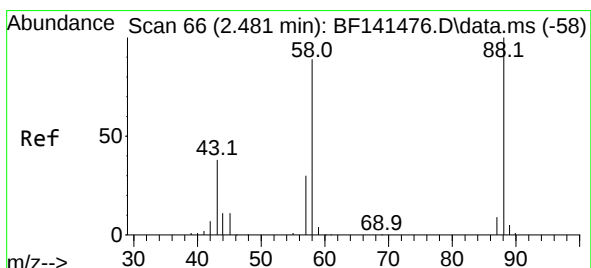
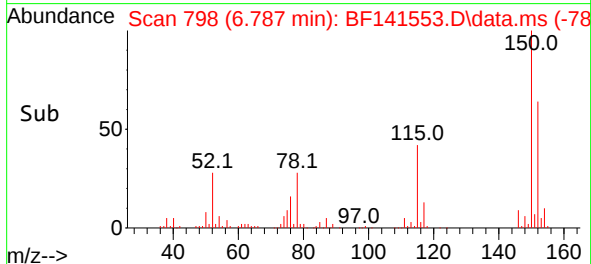
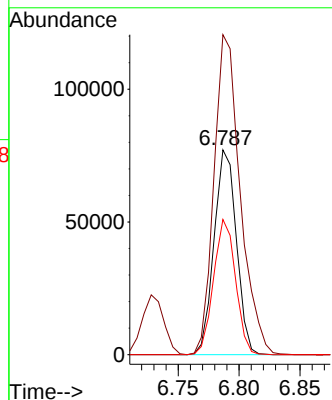
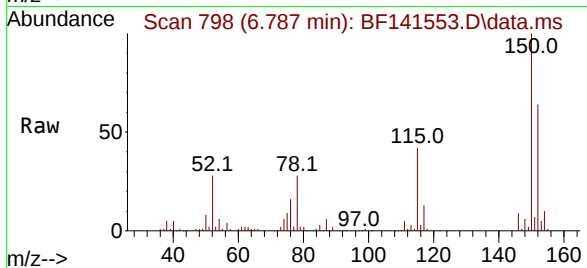




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF141553.D
 Acq: 11 Feb 2025 11:21

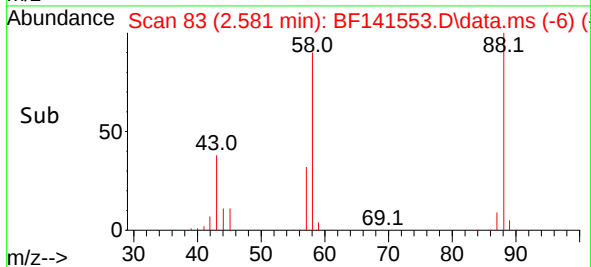
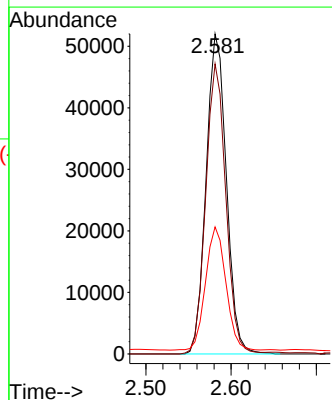
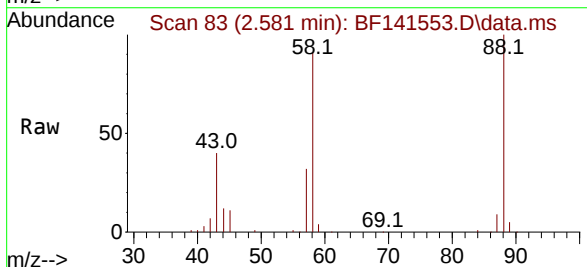
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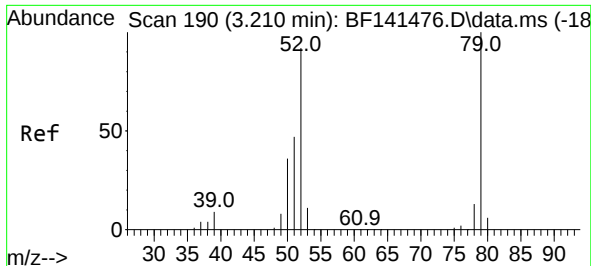
Tgt Ion:152 Resp: 98338
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.0 187.4
 115 66.0 53.6 80.4



#2
 1,4-Dioxane
 Concen: 34.017 ng
 RT: 2.581 min Scan# 83
 Delta R.T. 0.100 min
 Lab File: BF141553.D
 Acq: 11 Feb 2025 11:21

Tgt Ion: 88 Resp: 85878
 Ion Ratio Lower Upper
 88 100
 58 89.8 71.1 106.7
 43 38.5 30.6 46.0

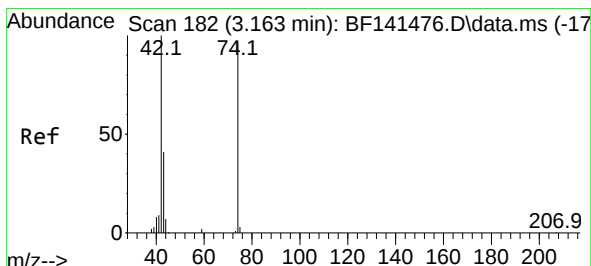
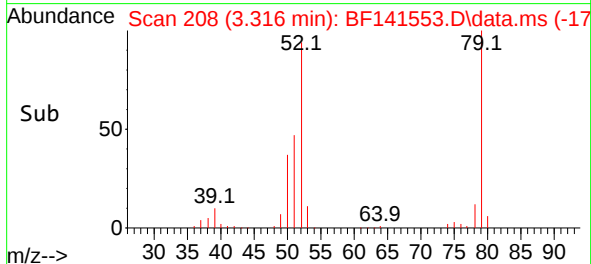
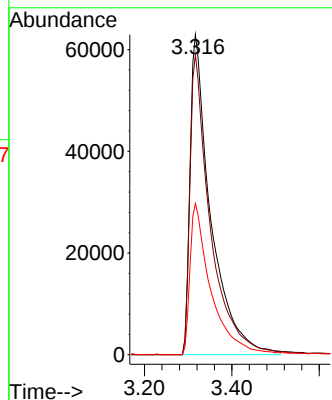
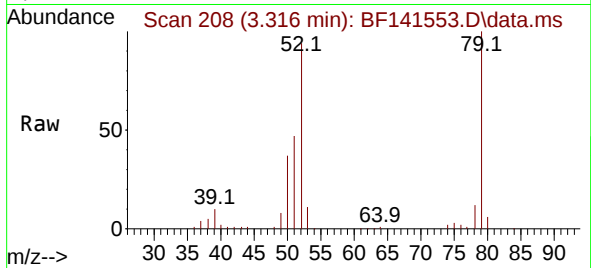




#3
Pyridine
Concen: 34.422 ng
RT: 3.316 min Scan# 20
Delta R.T. 0.100 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

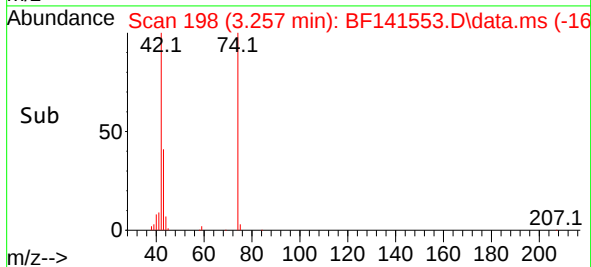
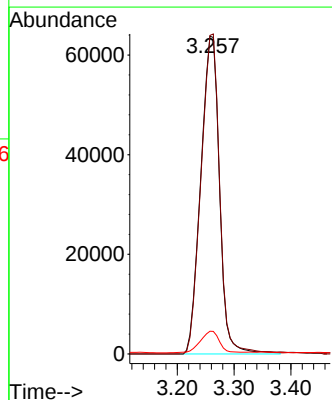
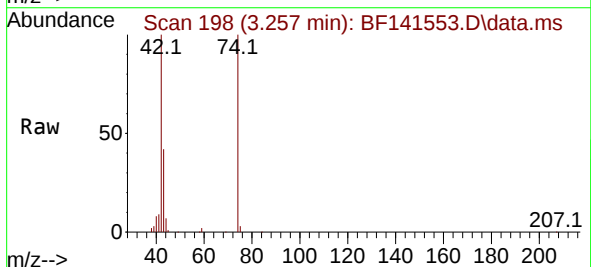
Instrument :
BNA_F
ClientSampleId :
PB166640BS

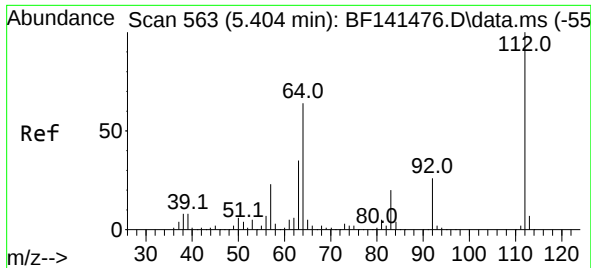
Tgt Ion: 79 Resp: 206790
Ion Ratio Lower Upper
79 100
52 93.7 73.7 110.5
51 47.3 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 36.677 ng
RT: 3.257 min Scan# 198
Delta R.T. 0.071 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion: 42 Resp: 145898
Ion Ratio Lower Upper
42 100
74 100.2 78.0 117.0
44 7.2 5.4 8.2

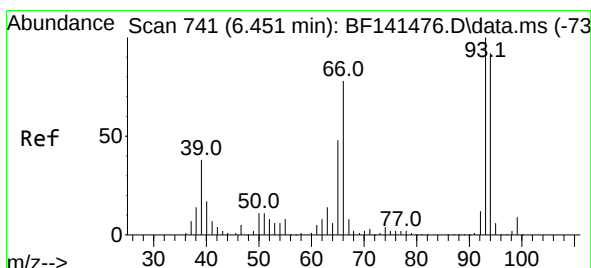
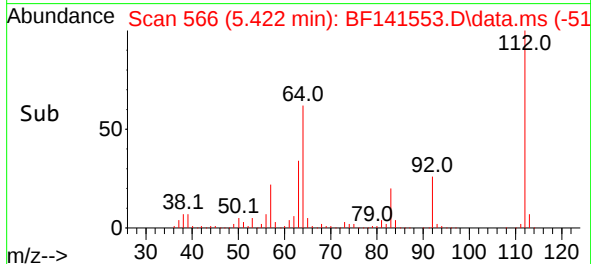
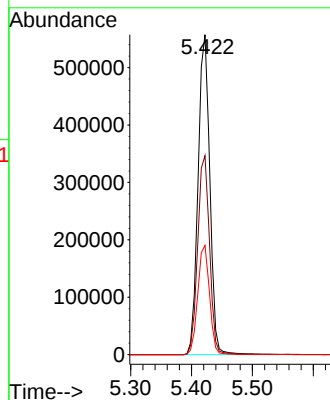
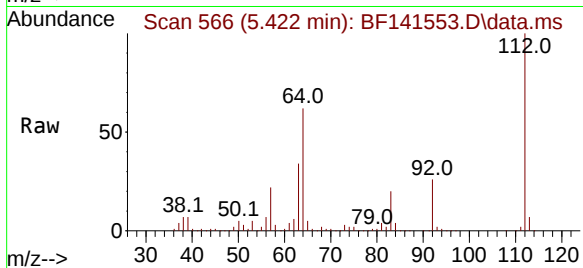




#5
2-Fluorophenol
Concen: 119.106 ng
RT: 5.422 min Scan# 504
Delta R.T. 0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

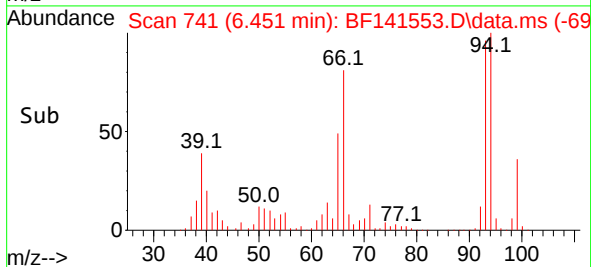
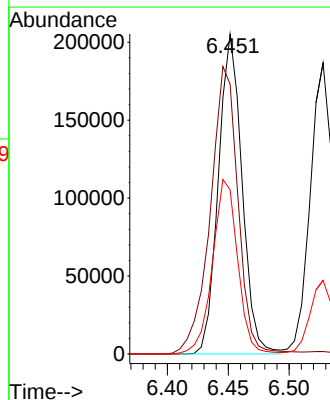
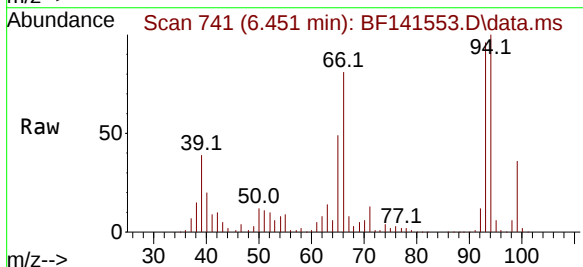
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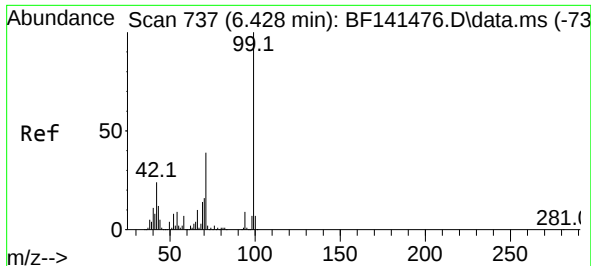
Tgt Ion:112 Resp: 747104
Ion Ratio Lower Upper
112 100
64 62.2 51.1 76.7
63 34.1 28.4 42.6



#6
Aniline
Concen: 37.291 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion: 93 Resp: 277331
Ion Ratio Lower Upper
93 100
66 84.3 62.6 94.0
65 51.3 38.3 57.5

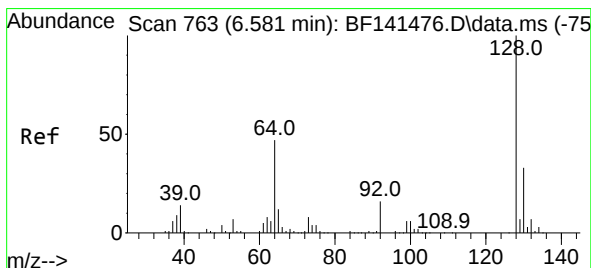
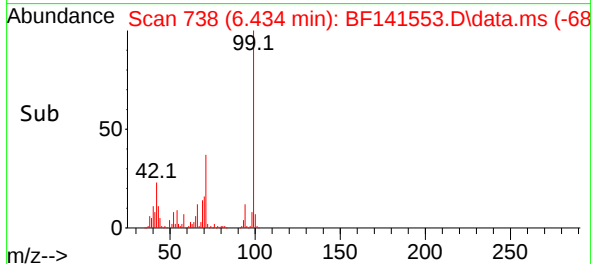
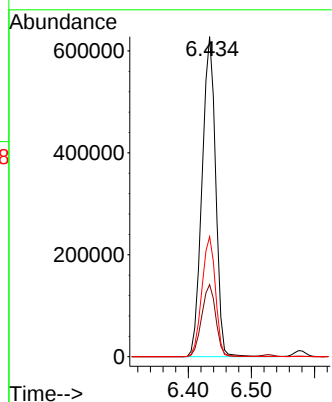
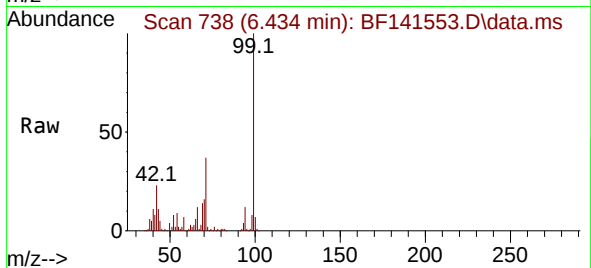




#7
Phenol-d6
Concen: 118.168 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

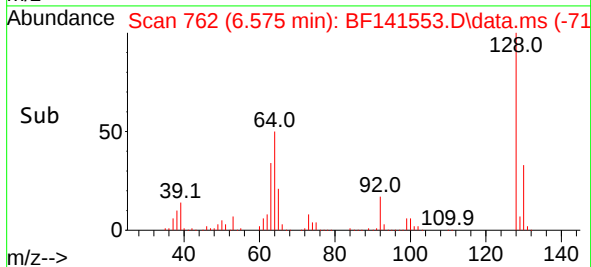
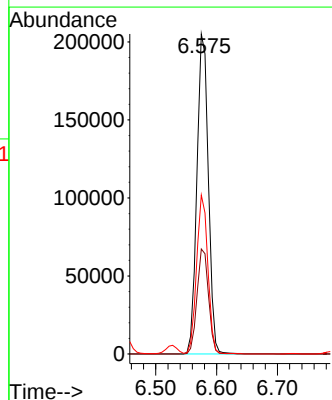
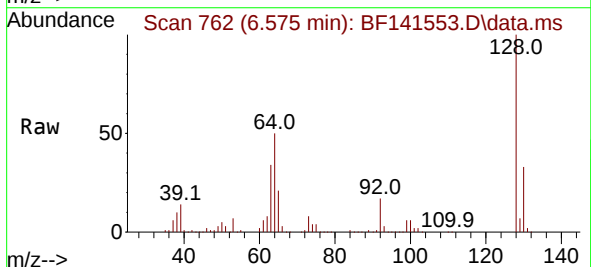
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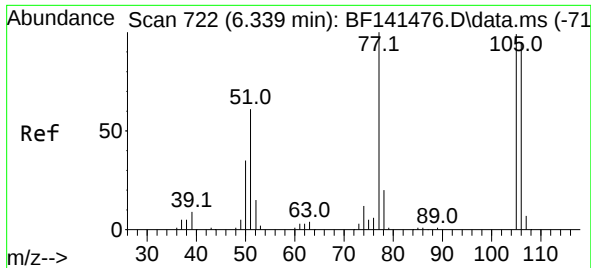
Tgt Ion: 99 Resp: 936838
Ion Ratio Lower Upper
99 100
42 22.5 19.1 28.7
71 37.5 31.1 46.7



#8
2-Chlorophenol
Concen: 39.462 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:128 Resp: 267464
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 49.7 28.3 68.3

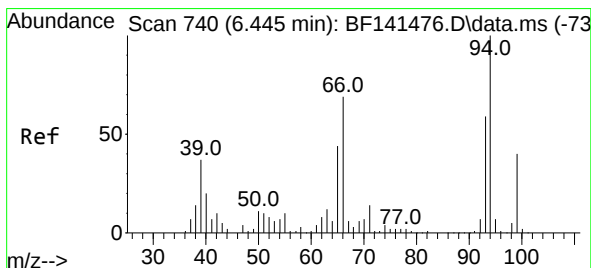
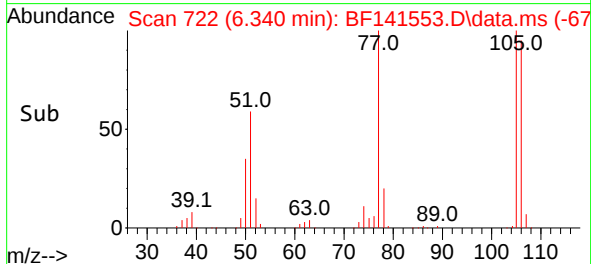
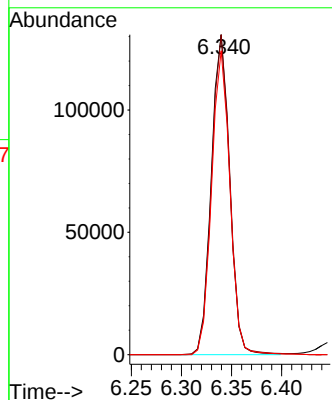
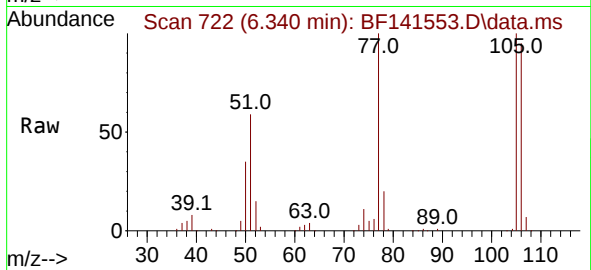




#9
Benzaldehyde
Concen: 39.446 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

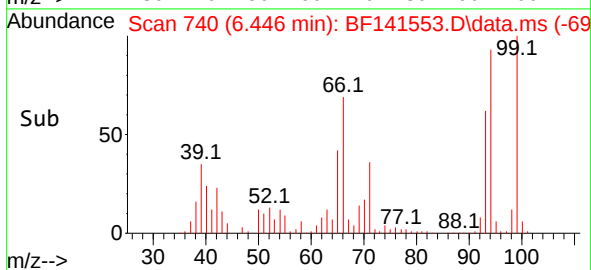
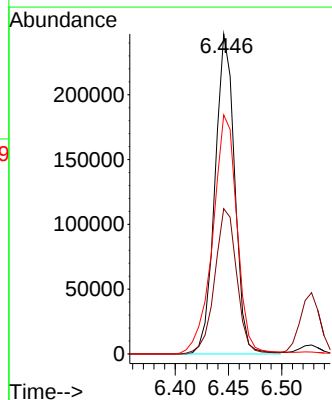
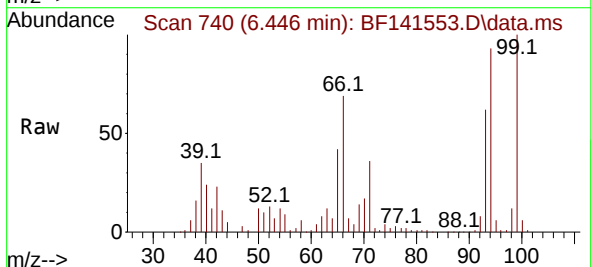
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ClientSampleId :
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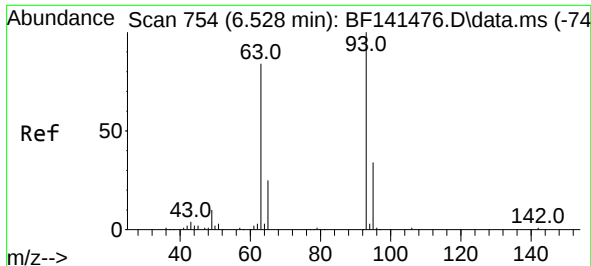
Tgt Ion: 77 Resp: 166184
Ion Ratio Lower Upper
77 100
105 100.0 79.4 119.4
106 95.0 75.1 115.1



#10
Phenol
Concen: 38.480 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion: 94 Resp: 317521
Ion Ratio Lower Upper
94 100
65 45.4 23.7 63.7
66 74.7 49.3 89.3

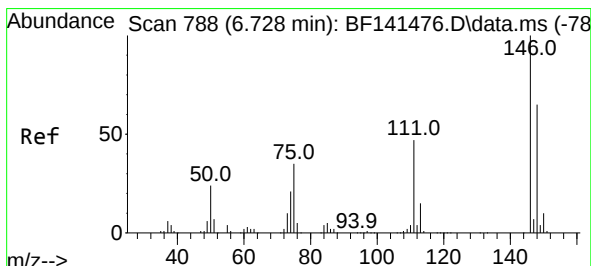
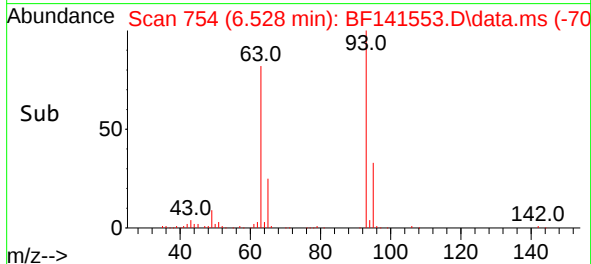
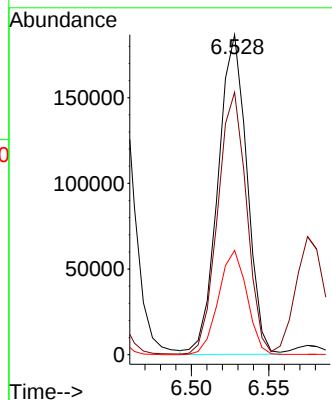
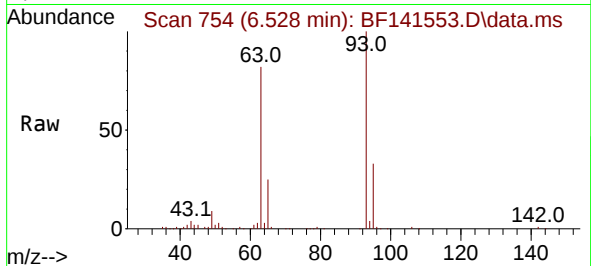




#11
bis(2-Chloroethyl)ether
Concen: 39.178 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

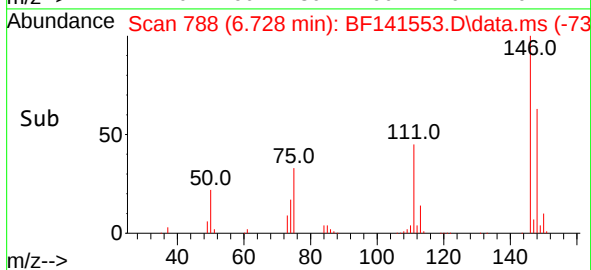
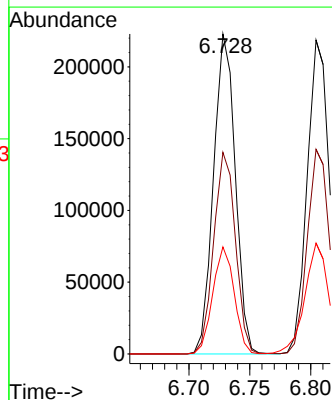
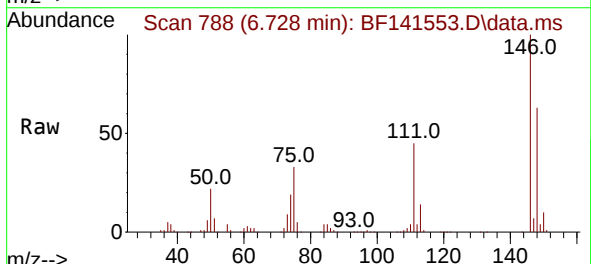
Instrument :
BNA_F
ClientSampleId :
PB166640BS

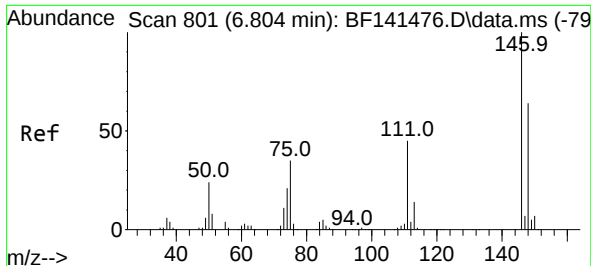
Tgt Ion: 93 Resp: 242817
Ion Ratio Lower Upper
93 100
63 82.0 62.0 102.0
95 32.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 38.709 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:146 Resp: 276983
Ion Ratio Lower Upper
146 100
148 63.0 51.9 77.9
75 33.4 28.2 42.2

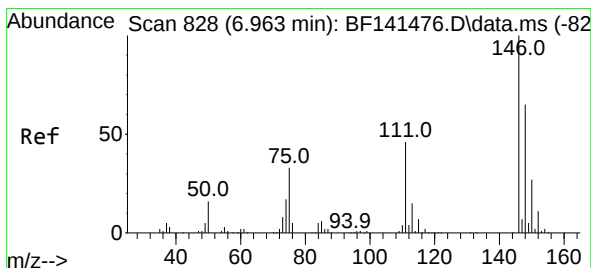
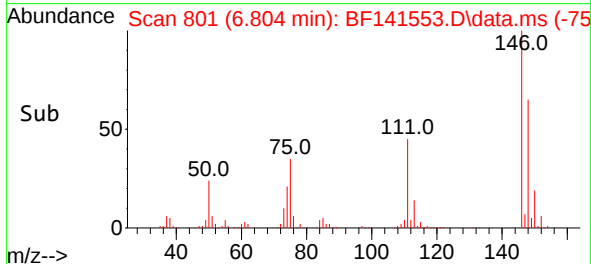
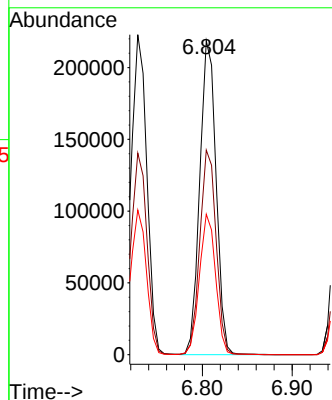
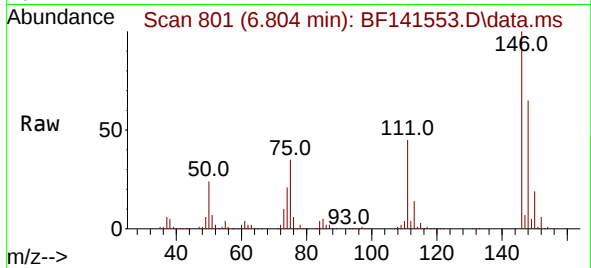




#13
1,4-Dichlorobenzene
Concen: 37.877 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

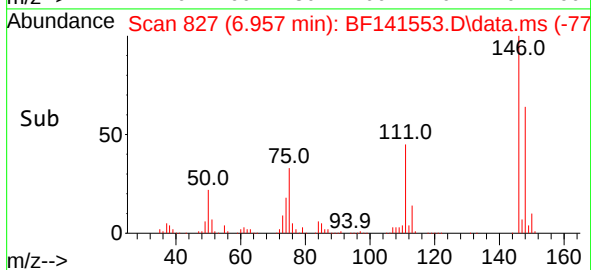
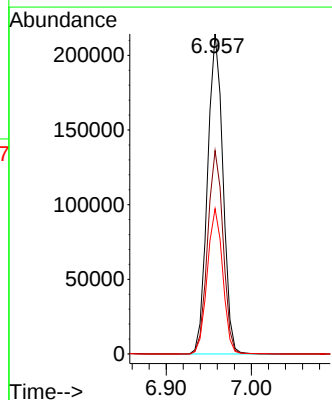
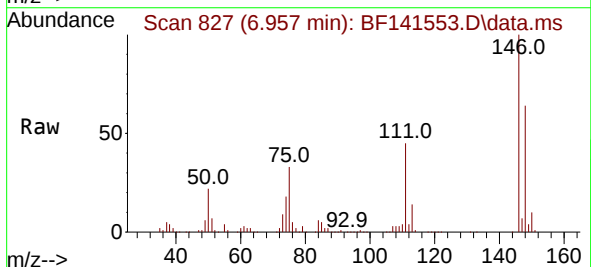
Instrument :
BNA_F
ClientSampleId :
PB166640BS

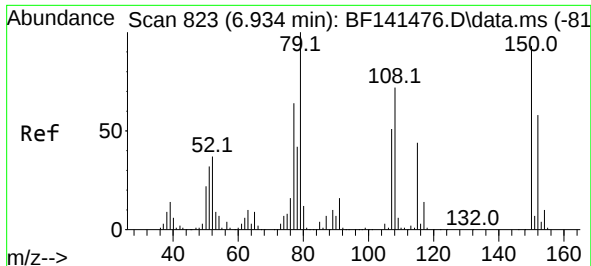
Tgt Ion:146 Resp: 276912
Ion Ratio Lower Upper
146 100
148 65.2 50.9 76.3
111 44.8 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 39.778 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:146 Resp: 269902
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.6
111 45.4 37.0 55.4

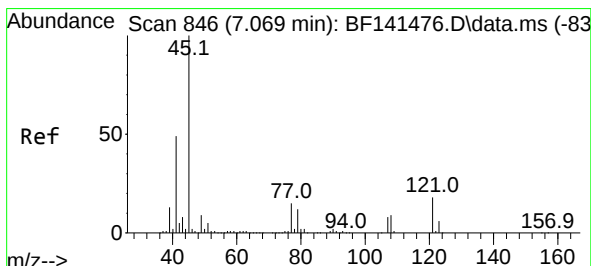
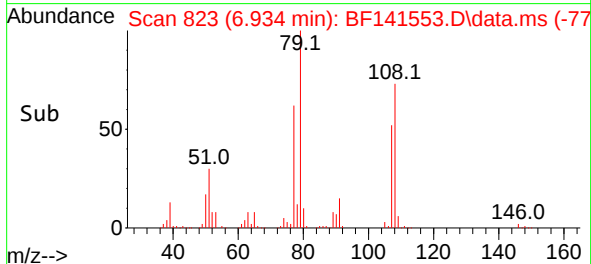
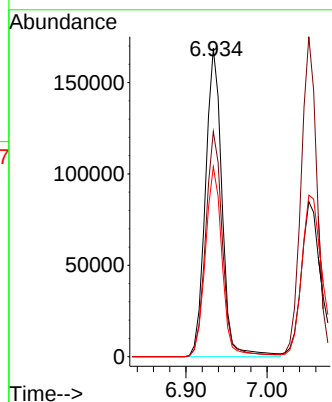
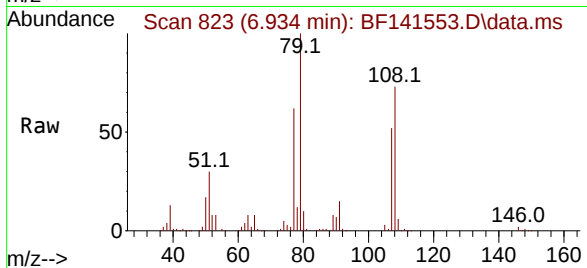




#15
Benzyl Alcohol
Concen: 39.276 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

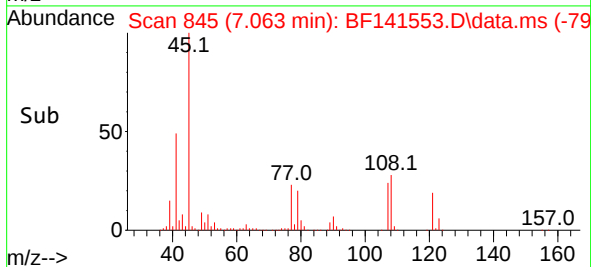
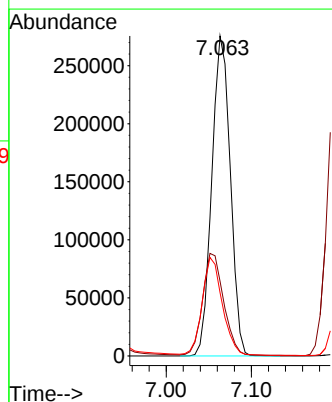
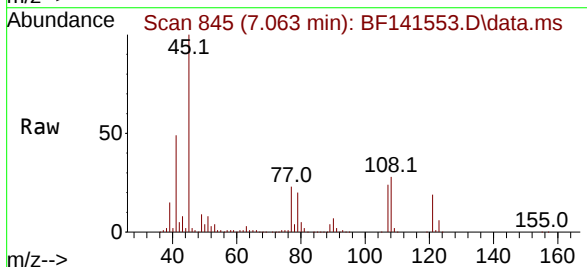
Instrument :
BNA_F
ClientSampleId :
PB166640BS

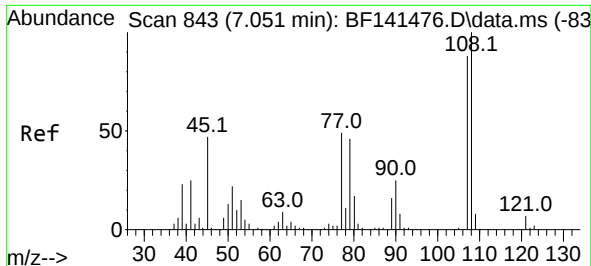
Tgt Ion: 79 Resp: 238781
Ion Ratio Lower Upper
79 100
108 73.0 57.4 86.2
77 61.6 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.193 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion: 45 Resp: 415819
Ion Ratio Lower Upper
45 100
77 23.4 0.0 35.8
79 19.8 0.0 32.7

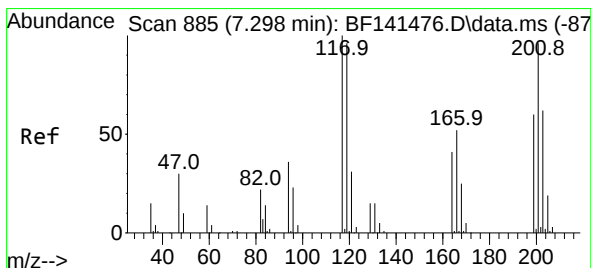
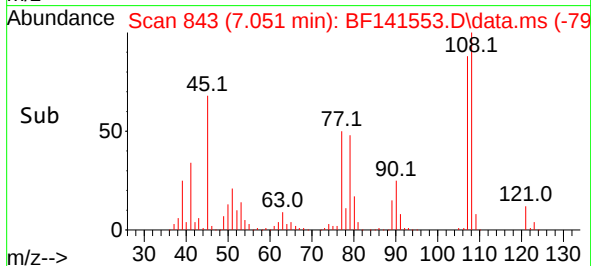
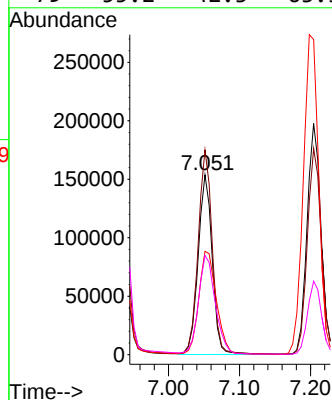
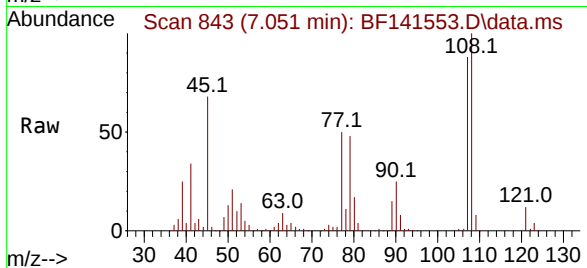




#17
2-Methylphenol
Concen: 40.317 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

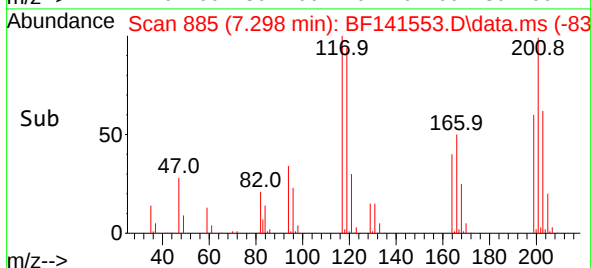
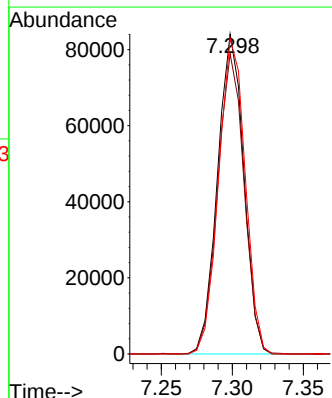
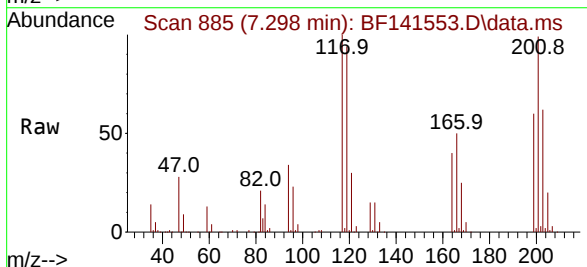
Instrument :
BNA_F
ClientSampleId :
PB166640BS

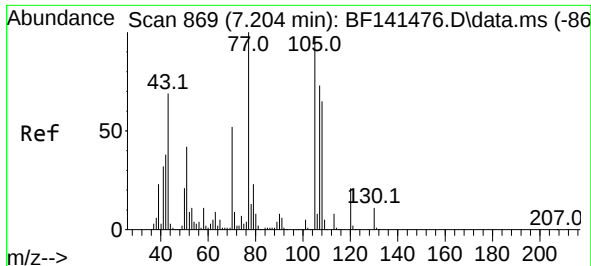
Tgt Ion:	107	Resp:	213840
Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.6	136.0
77	57.4	44.4	66.6
79	55.2	42.3	63.5



#18
Hexachloroethane
Concen: 39.921 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:	117	Resp:	108011
Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.5	114.7
201	98.5	76.7	115.1



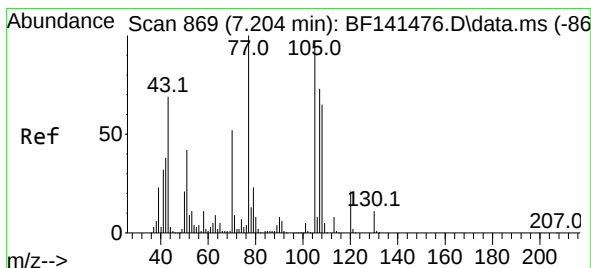
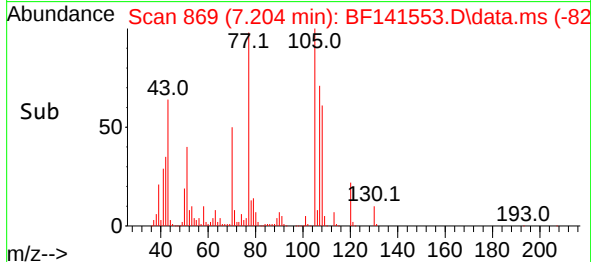
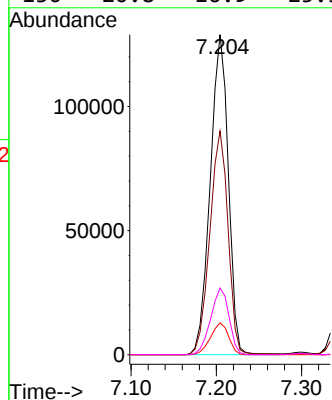
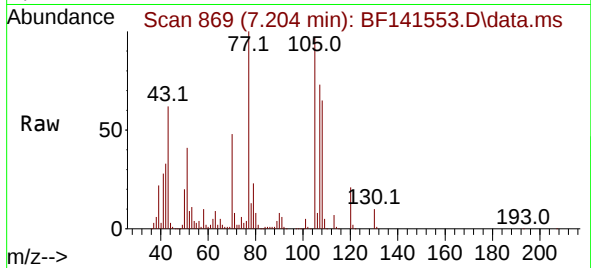


#19
n-Nitroso-di-n-propylamine
Concen: 40.099 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :
BNA_F
ClientSampleId :
PB166640BS

Tgt Ion: 70 Resp: 190159

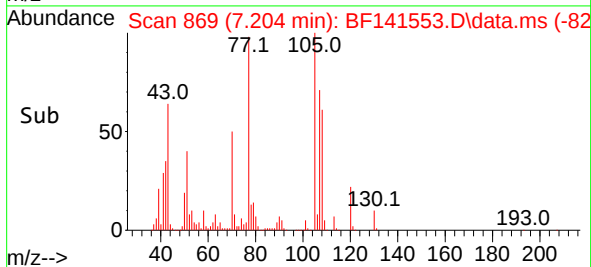
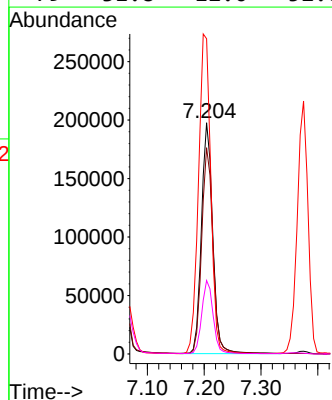
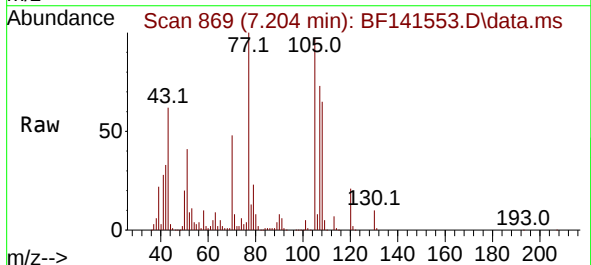
Ion	Ratio	Lower	Upper
70	100		
42	69.8	57.4	86.2
101	10.0	8.0	12.0
130	20.8	16.9	25.3

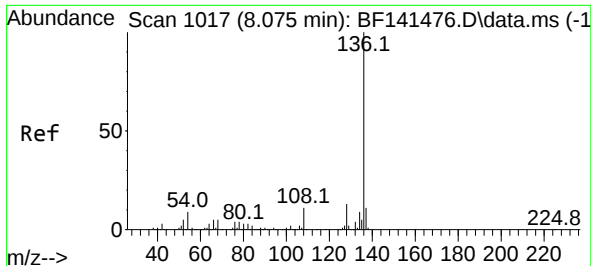


#20
3+4-Methylphenols
Concen: 40.511 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion: 107 Resp: 273070

Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.5	108.5
77	136.3	116.5	156.5
79	31.8	12.0	52.0

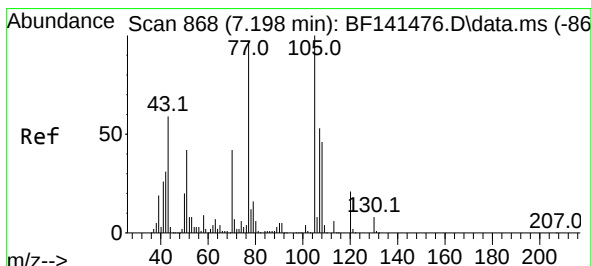
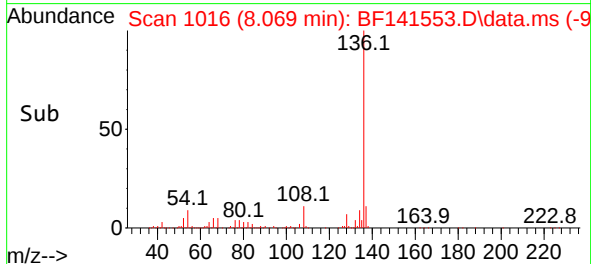
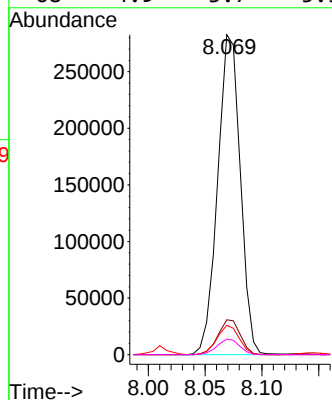
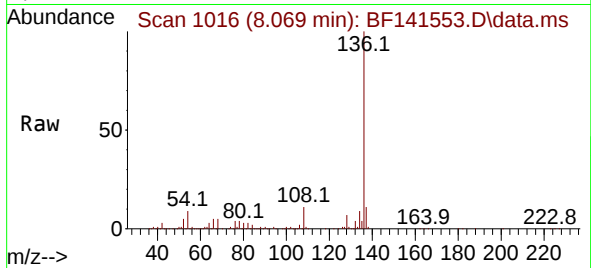




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

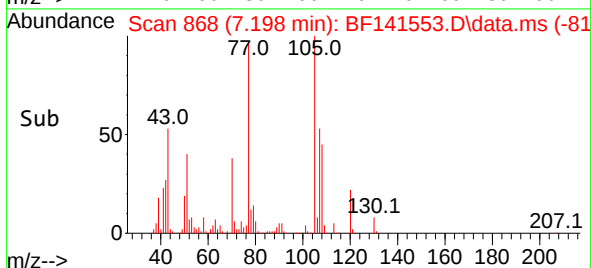
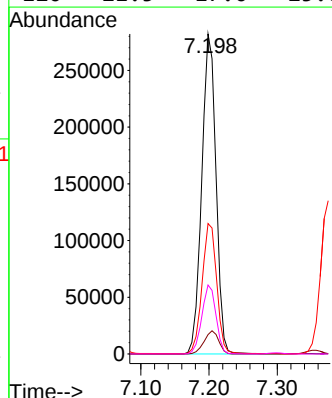
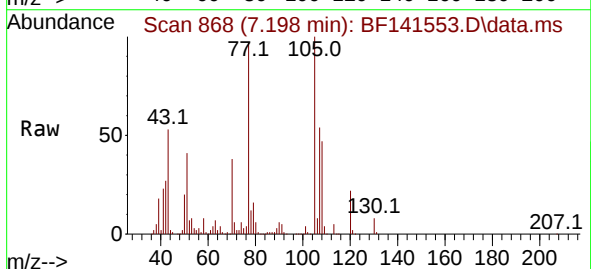
Instrument :
BNA_F
ClientSampleId :
PB166640BS

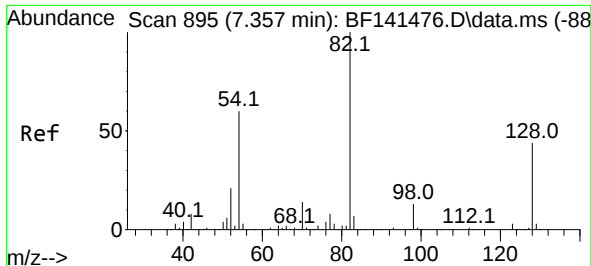
Tgt Ion:136 Resp: 392665
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.1 7.2 10.8
68 4.9 3.7 5.5



#22
Acetophenone
Concen: 41.977 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:105 Resp: 410022
Ion Ratio Lower Upper
105 100
71 6.0 5.7 8.5
51 40.7 33.7 50.5
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 82.344 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Instrument :

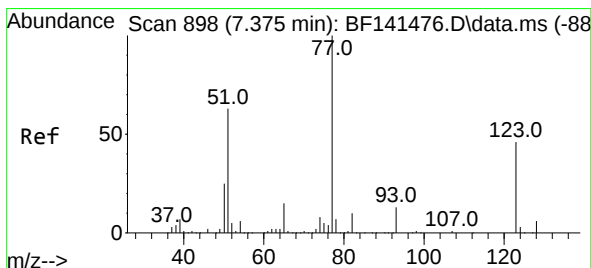
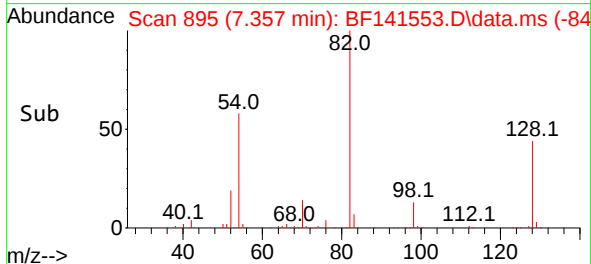
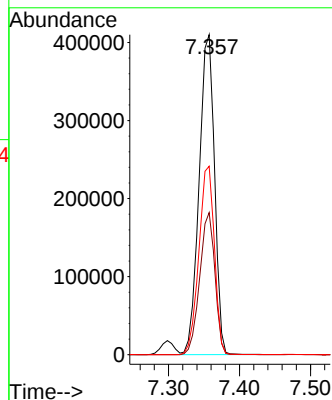
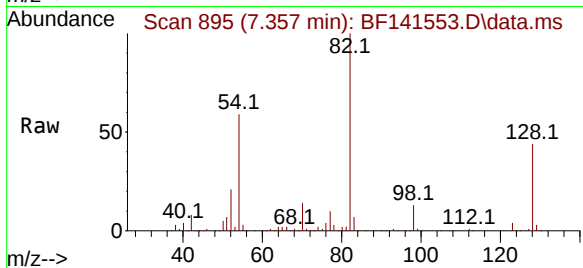
BNA_F

ClientSampleId :

PB166640BS

Tgt Ion: 82 Resp: 619912

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.8	52.2
54	58.9	48.2	72.4



#24

Nitrobenzene

Concen: 38.526 ng

RT: 7.375 min Scan# 898

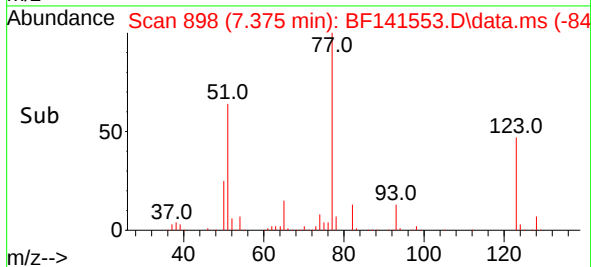
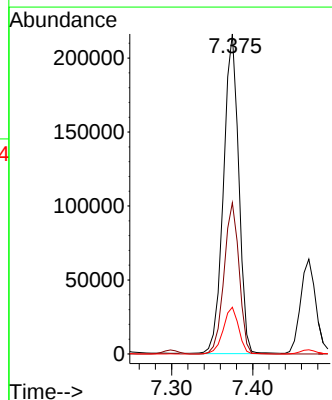
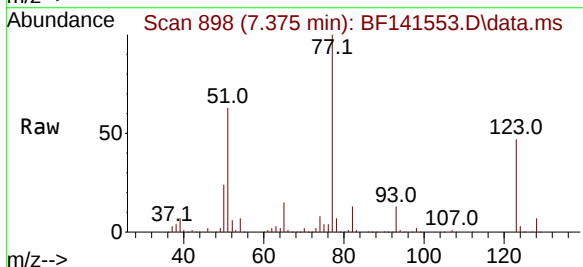
Delta R.T. -0.006 min

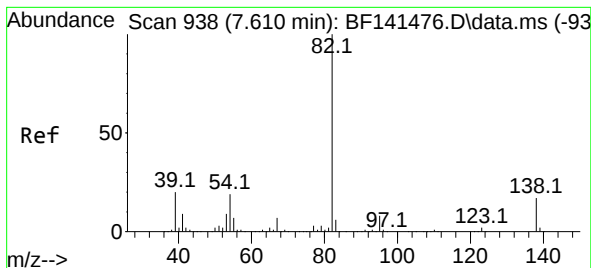
Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Tgt Ion: 77 Resp: 282825

Ion	Ratio	Lower	Upper
77	100		
123	47.3	36.9	55.3
65	14.6	11.9	17.9





#25

Isophorone

Concen: 42.633 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

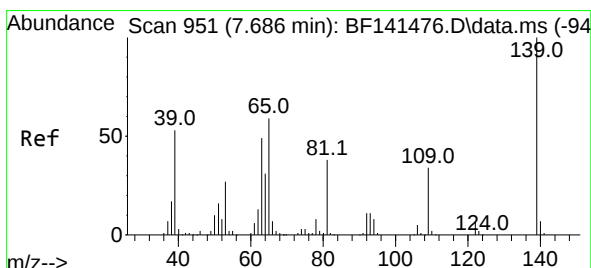
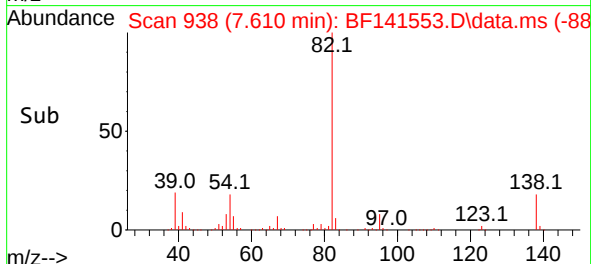
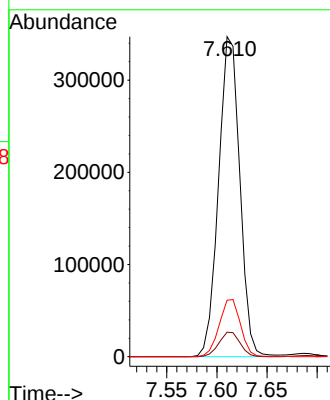
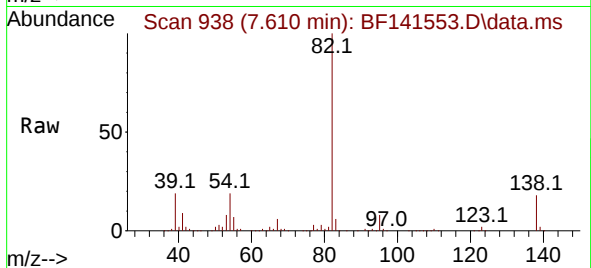
Tgt Ion: 82 Resp: 511753

Ion Ratio Lower Upper

82 100

95 7.7 6.4 9.6

138 17.7 13.9 20.9



#26

2-Nitrophenol

Concen: 39.744 ng

RT: 7.687 min Scan# 951

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

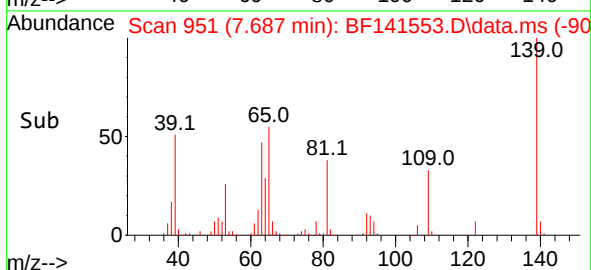
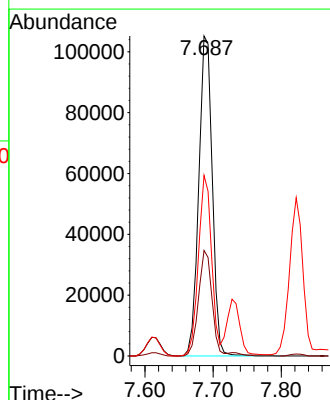
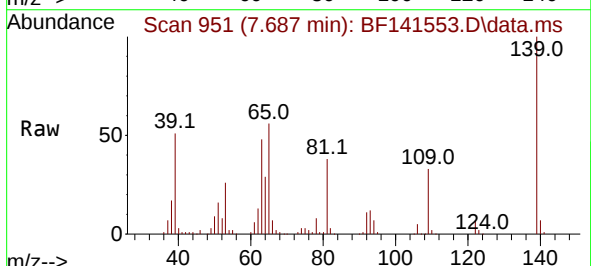
Tgt Ion:139 Resp: 145158

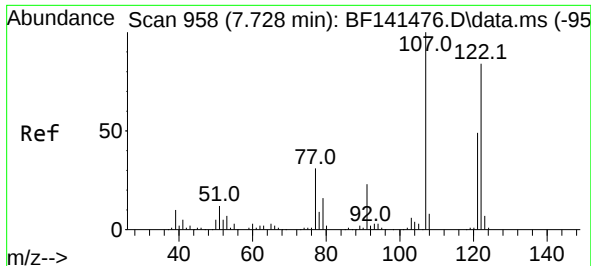
Ion Ratio Lower Upper

139 100

109 33.0 27.0 40.6

65 56.4 47.1 70.7

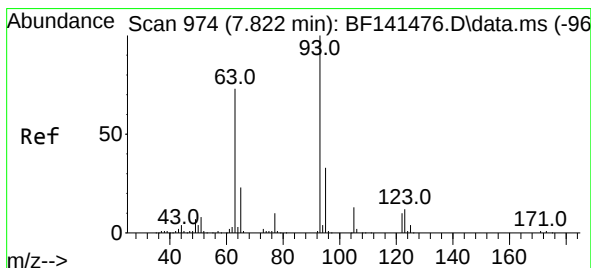
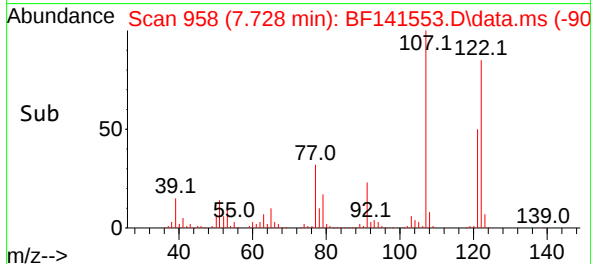
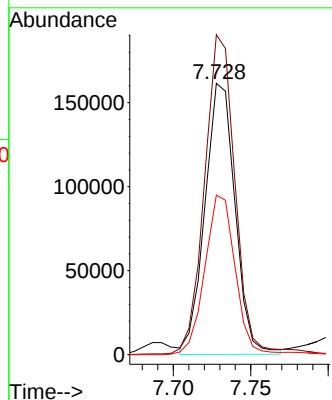
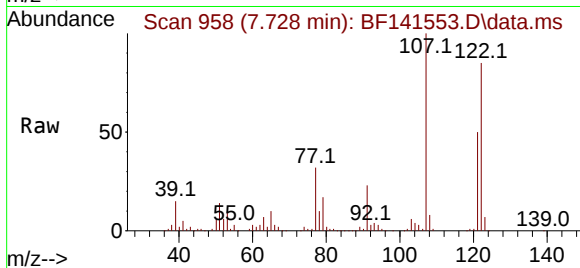




#27
2,4-Dimethylphenol
Concen: 51.264 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

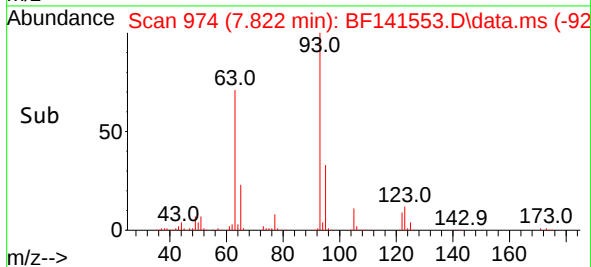
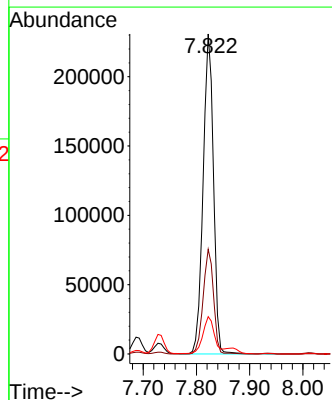
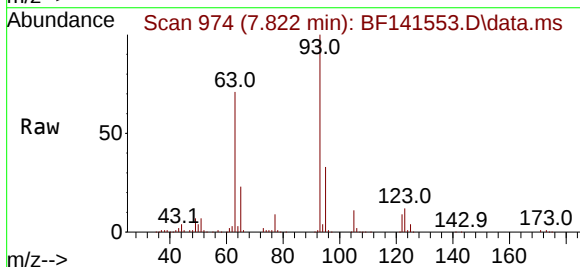
Instrument :
BNA_F
ClientSampleId :
PB166640BS

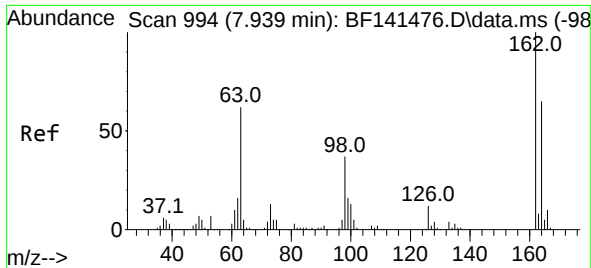
Tgt Ion:122 Resp: 218728
Ion Ratio Lower Upper
122 100
107 118.0 94.3 141.5
121 58.8 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.502 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion: 93 Resp: 311535
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.6 9.5 14.3

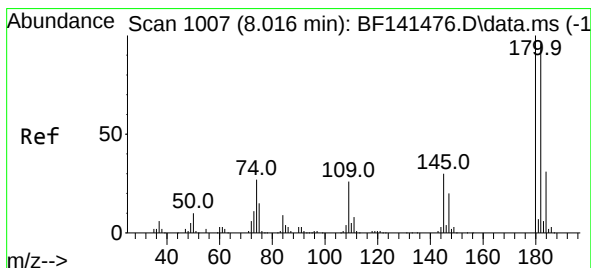
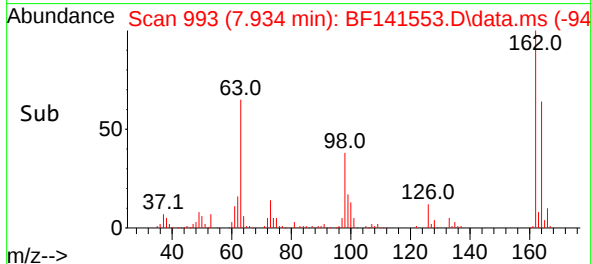
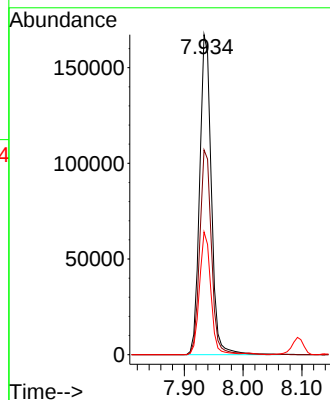
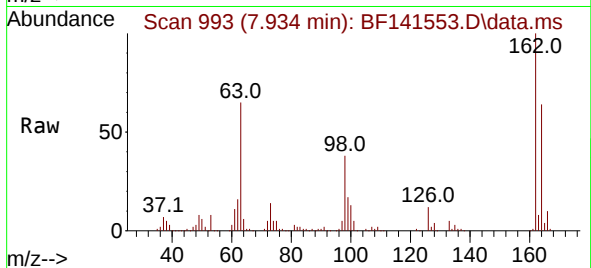




#29
2,4-Dichlorophenol
Concen: 39.930 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

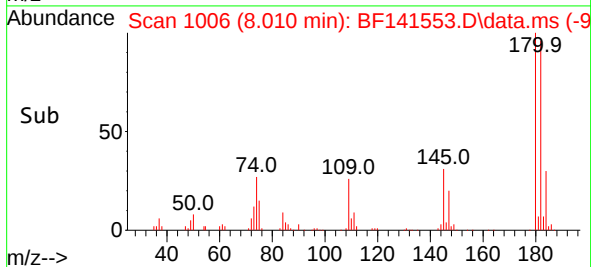
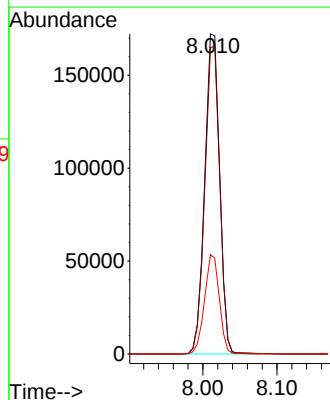
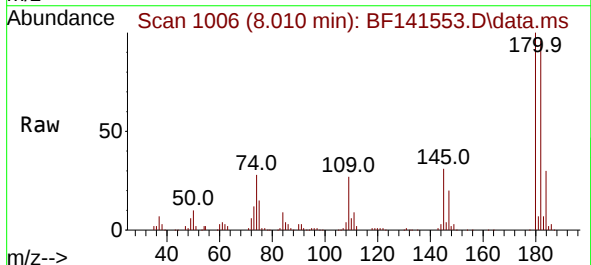
Instrument :
BNA_F
ClientSampleId :
PB166640BS

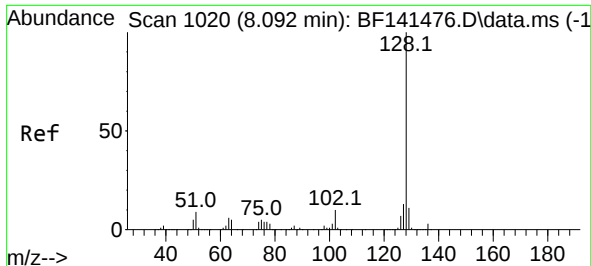
Tgt Ion:162 Resp: 230194
Ion Ratio Lower Upper
162 100
164 64.0 44.6 84.6
98 38.4 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 38.540 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:180 Resp: 241949
Ion Ratio Lower Upper
180 100
182 95.8 76.8 115.2
145 31.0 24.2 36.4

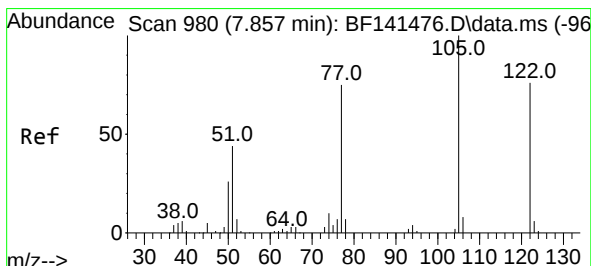
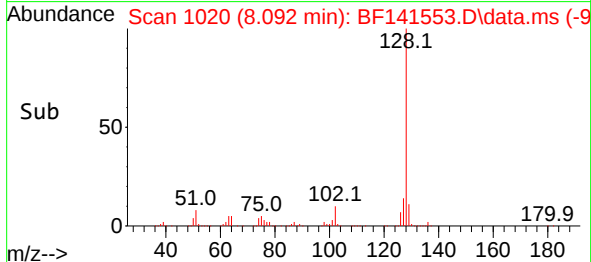
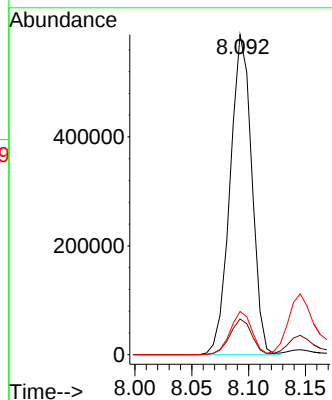
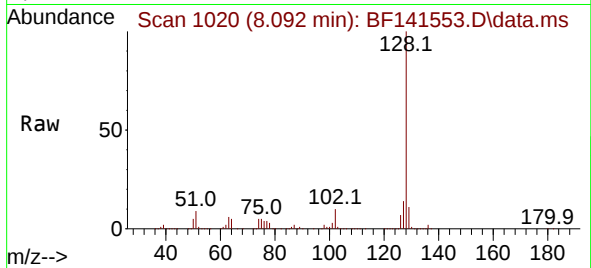




#31
Naphthalene
Concen: 38.175 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

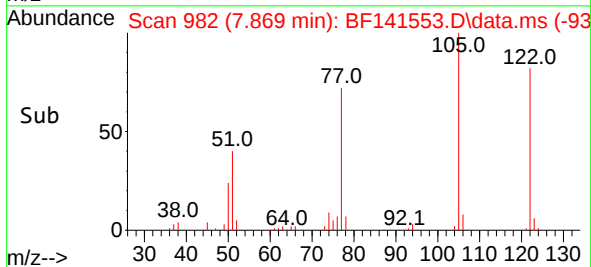
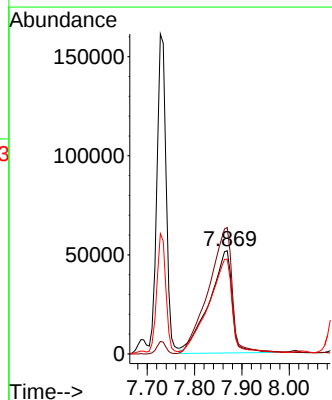
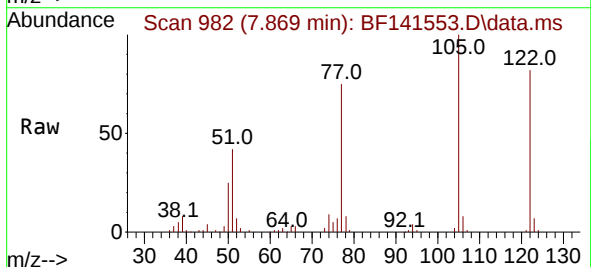
Instrument :
BNA_F
ClientSampleId :
PB166640BS

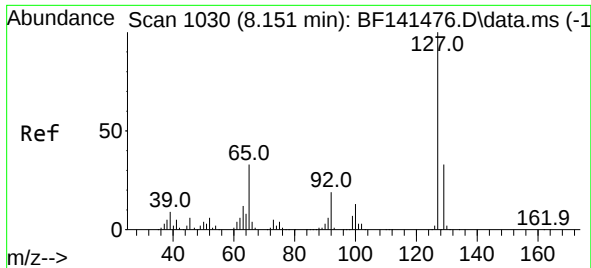
Tgt Ion:128 Resp: 780285
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 39.461 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.023 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:122 Resp: 174885
Ion Ratio Lower Upper
122 100
105 122.4 106.5 146.5
77 91.9 76.3 116.3

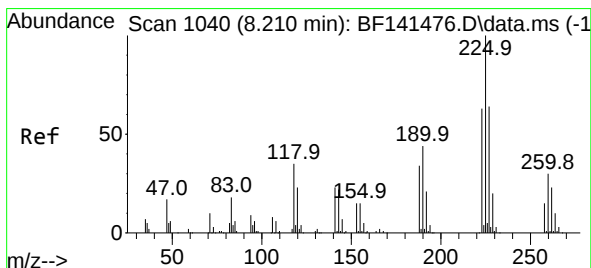
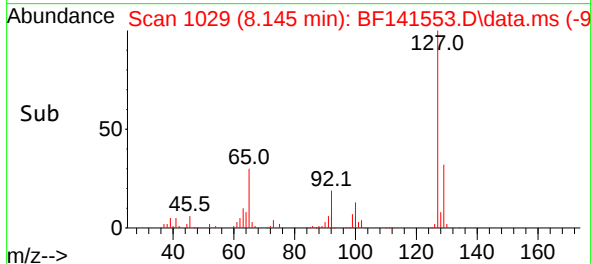
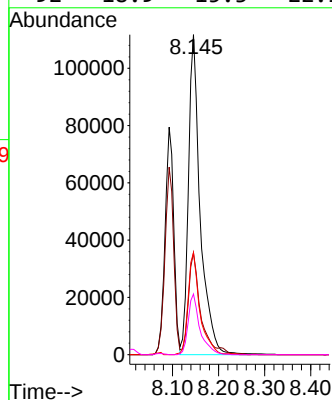
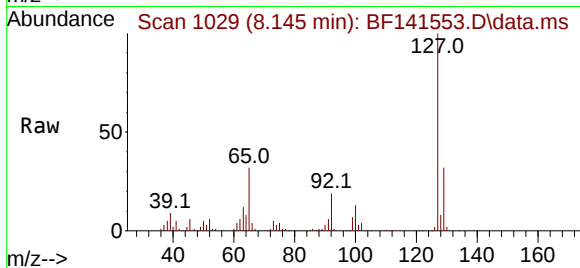




#33
4-Chloroaniline
Concen: 27.848 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

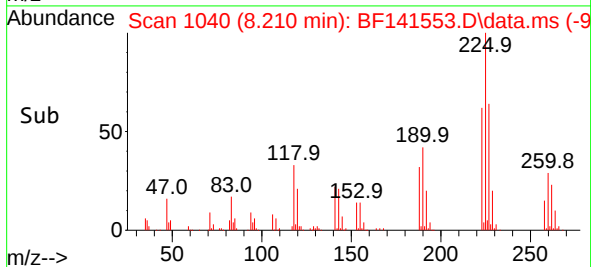
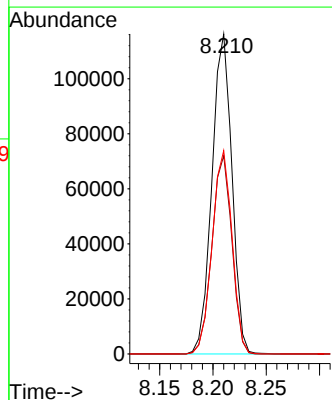
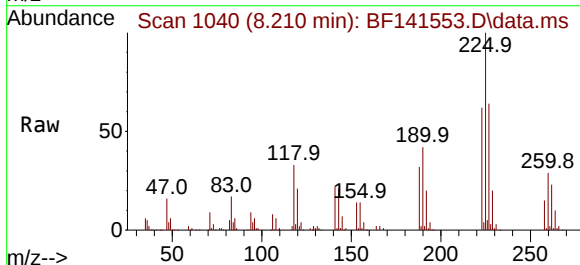
Instrument :
BNA_F
ClientSampleId :
PB166640BS

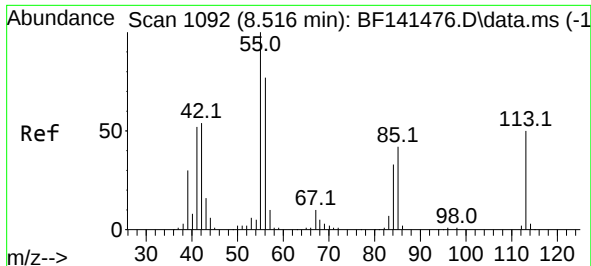
Tgt Ion:127	Resp: 198728
Ion Ratio	Lower Upper
127 100	
129 31.9	26.5 39.7
65 31.9	26.4 39.6
92 18.9	15.3 22.9



#34
Hexachlorobutadiene
Concen: 40.261 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:225	Resp: 151737		
Ion Ratio	Lower	Upper	
225 100			
223 61.9	50.1	75.1	
227 63.6	51.0	76.6	

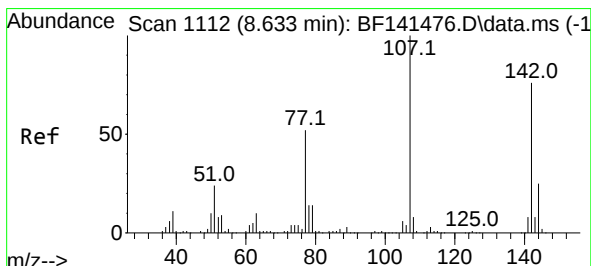
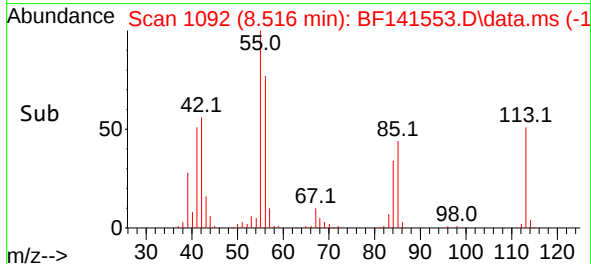
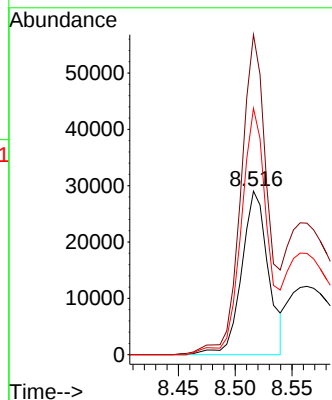
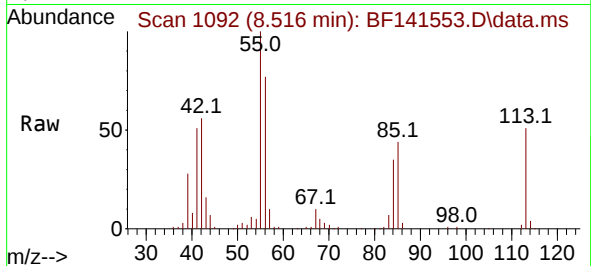




#35
Caprolactam
Concen: 26.977 ng
RT: 8.516 min Scan# 1092
Delta R.T. -0.029 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

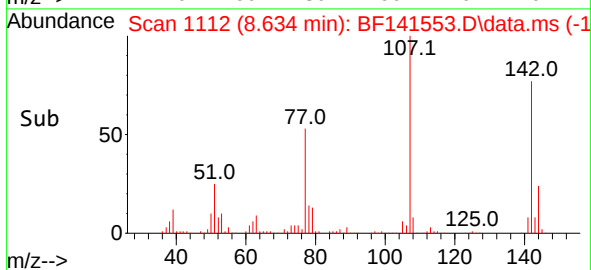
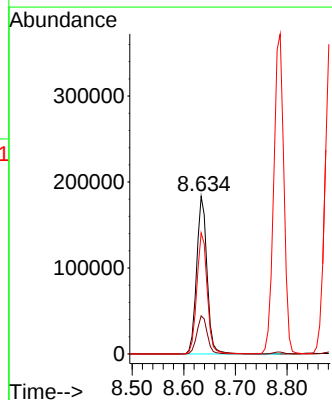
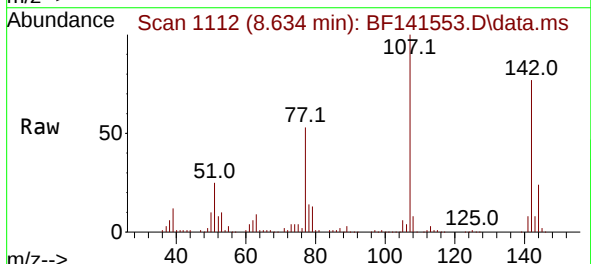
Instrument :
BNA_F
ClientSampleId :
PB166640BS

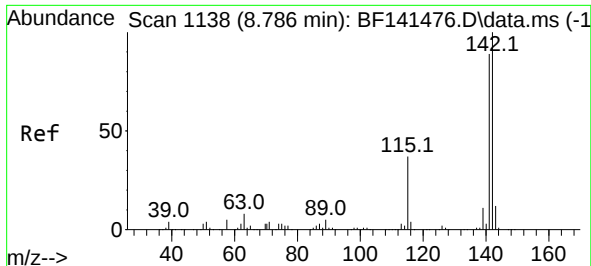
Tgt Ion:113 Resp: 47351
Ion Ratio Lower Upper
113 100
55 195.7 180.8 220.8
56 150.7 133.6 173.6



#36
4-Chloro-3-methylphenol
Concen: 40.108 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:107 Resp: 256122
Ion Ratio Lower Upper
107 100
144 24.2 19.7 29.5
142 76.9 60.8 91.2





#37

2-Methylnaphthalene

Concen: 37.795 ng

RT: 8.787 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

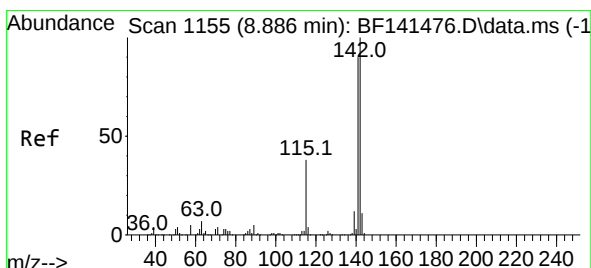
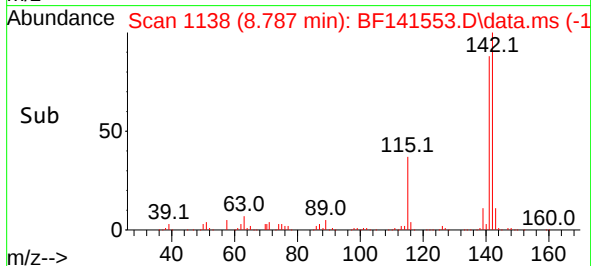
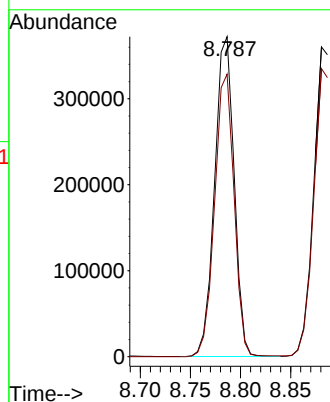
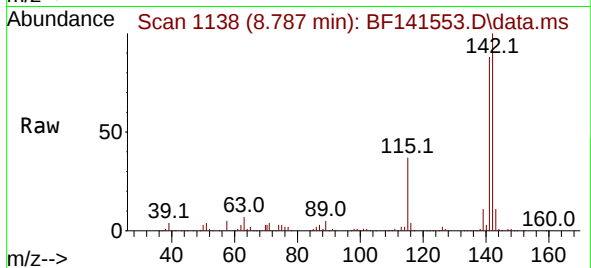
PB166640BS

Tgt Ion:142 Resp: 502697

Ion Ratio Lower Upper

142 100

141 88.3 71.2 106.8



#38

1-Methylnaphthalene

Concen: 37.935 ng

RT: 8.881 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF141553.D

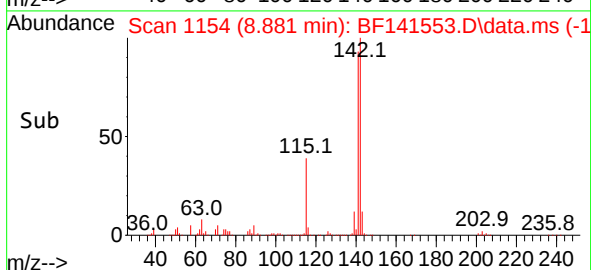
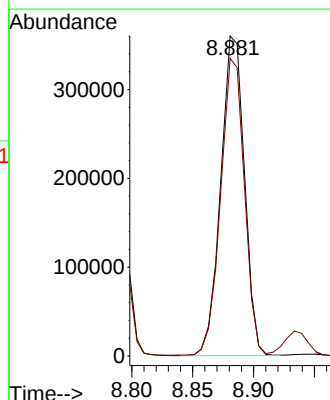
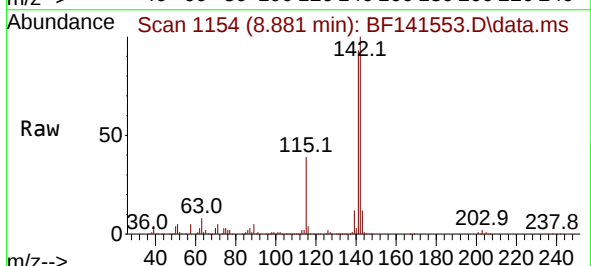
Acq: 11 Feb 2025 11:21

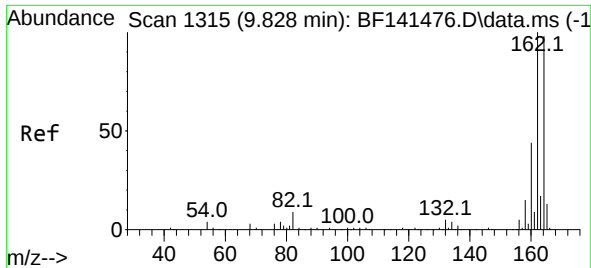
Tgt Ion:142 Resp: 488688

Ion Ratio Lower Upper

142 100

141 93.0 72.1 108.1

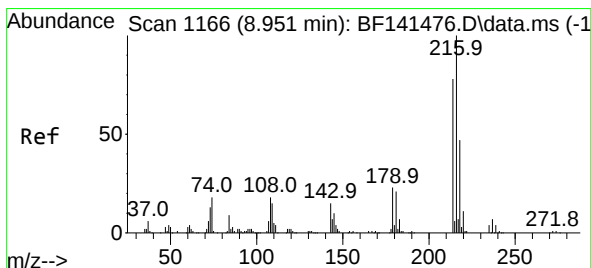
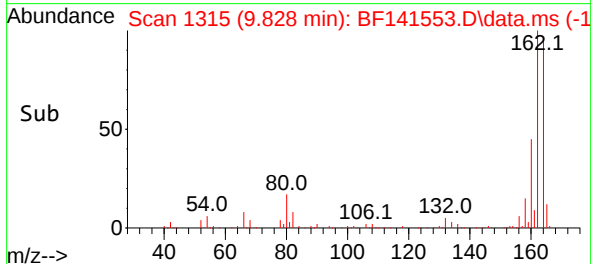
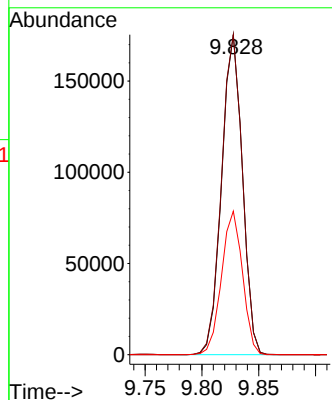
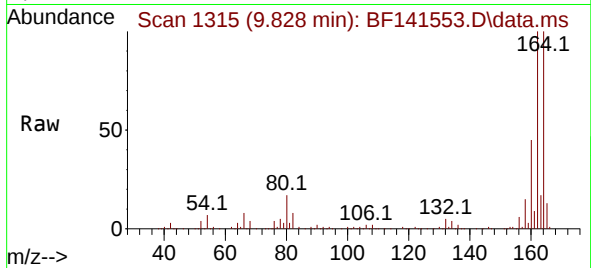




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

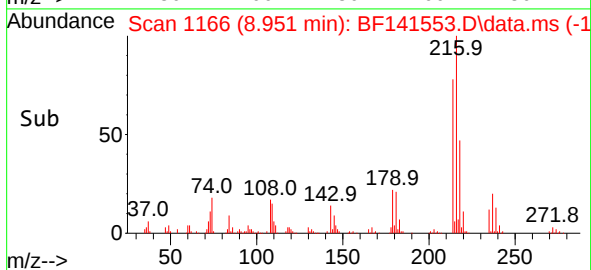
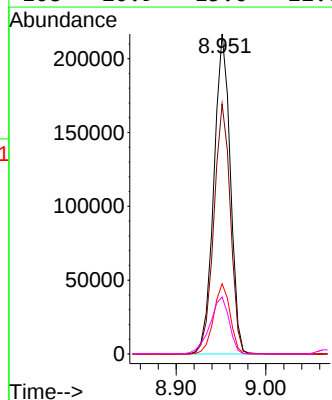
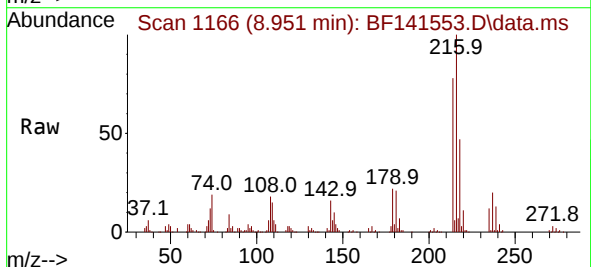
Instrument :
BNA_F
ClientSampleId :
PB166640BS

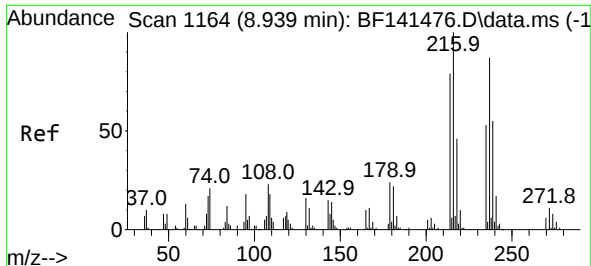
Tgt Ion:164 Resp: 222790
Ion Ratio Lower Upper
164 100
162 100.1 81.3 121.9
160 44.9 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.844 ng
RT: 8.951 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

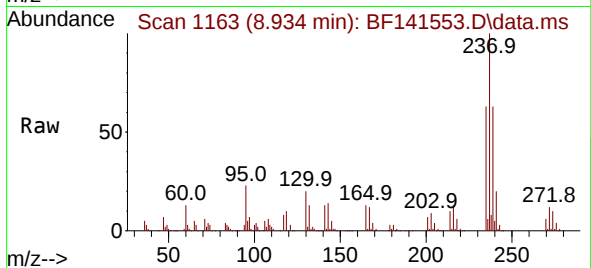
Tgt Ion:216 Resp: 276152
Ion Ratio Lower Upper
216 100
214 78.4 62.3 93.5
179 21.9 18.0 27.0
108 20.9 15.0 22.6



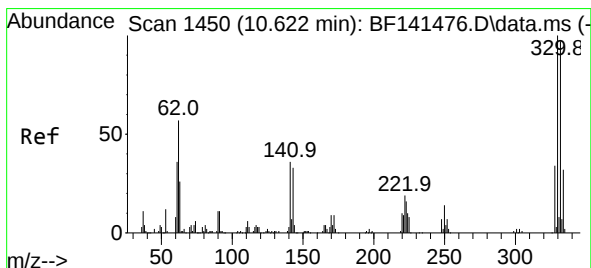
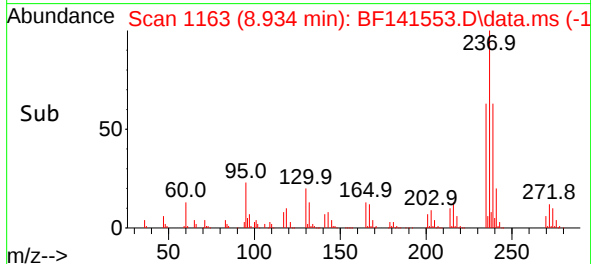
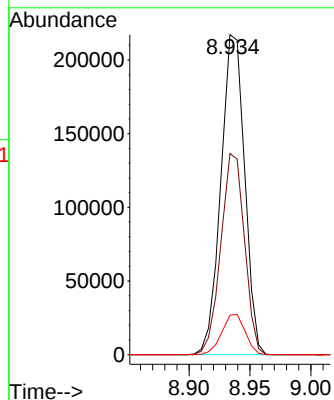


#41
Hexachlorocyclopentadiene
Concen: 137.668 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :
BNA_F
ClientSampleId :
PB166640BS

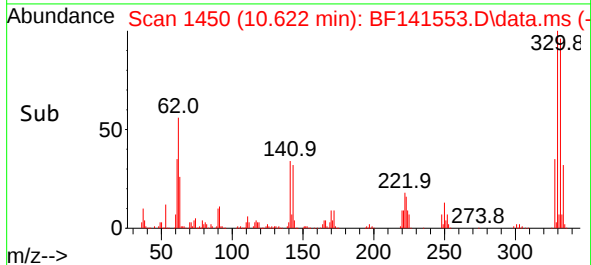
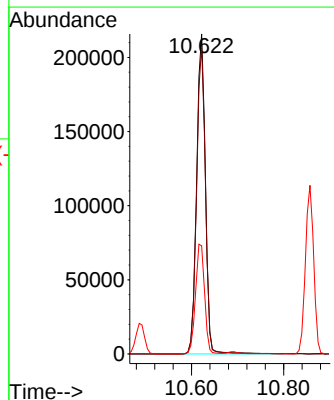
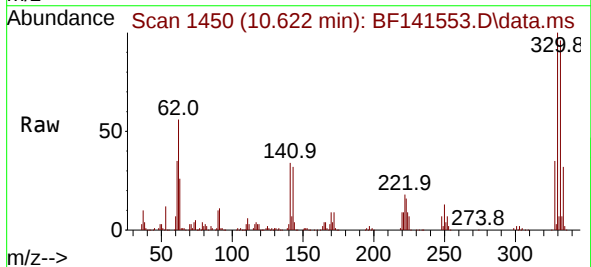


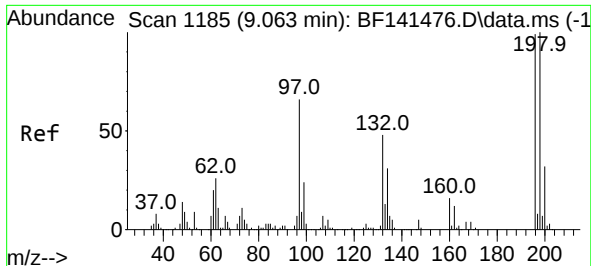
Tgt Ion:237 Resp: 295141
Ion Ratio Lower Upper
237 100
235 62.8 41.4 81.4
272 12.3 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 127.080 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:330 Resp: 284408
Ion Ratio Lower Upper
330 100
332 96.4 78.5 117.7
141 35.6 31.0 46.4

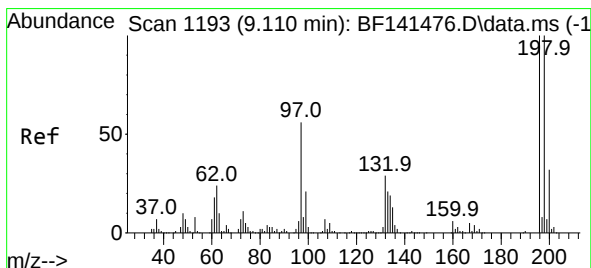
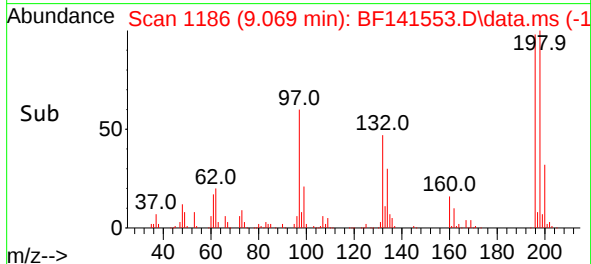
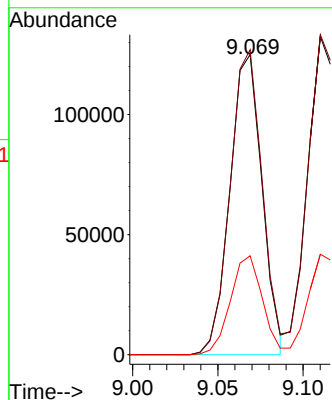
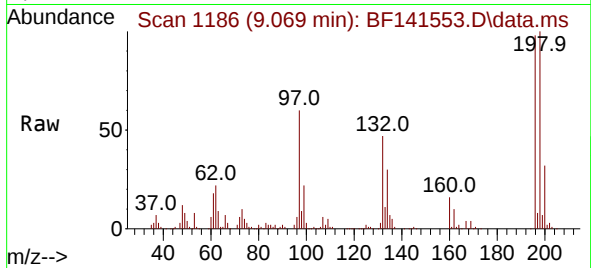




#43
2,4,6-Trichlorophenol
Concen: 39.456 ng
RT: 9.069 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

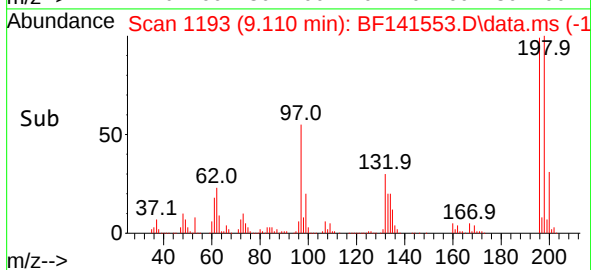
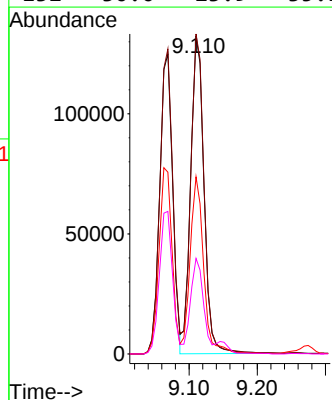
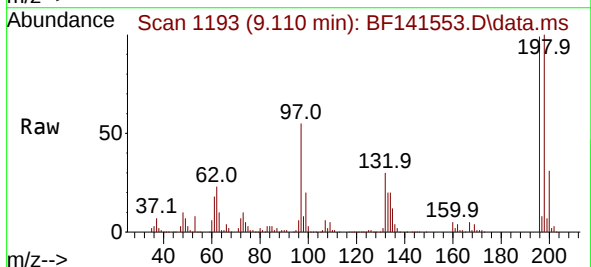
Instrument :
BNA_F
ClientSampleId :
PB166640BS

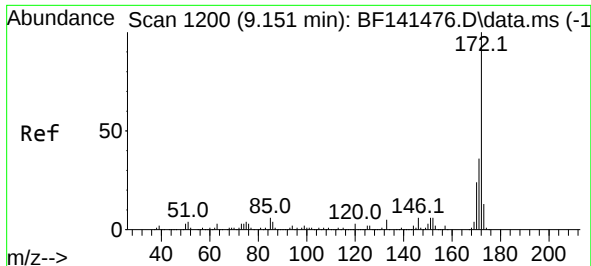
Tgt Ion:196 Resp: 164369
Ion Ratio Lower Upper
196 100
198 101.6 80.6 121.0
200 32.9 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 39.689 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:196 Resp: 179191
Ion Ratio Lower Upper
196 100
198 100.6 79.8 119.8
97 55.7 44.8 67.2
132 30.0 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 83.955 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

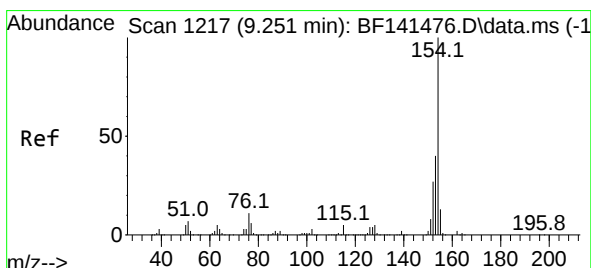
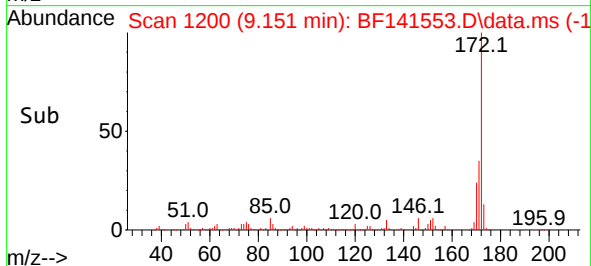
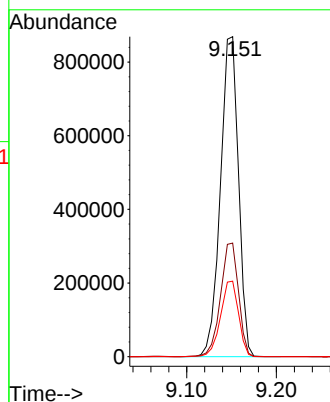
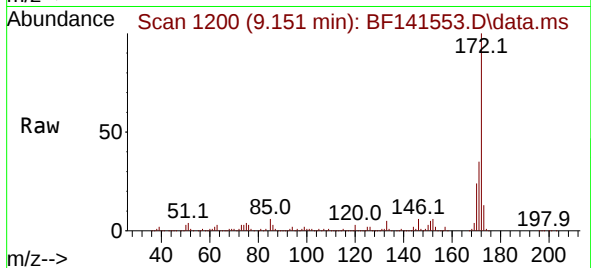
Tgt Ion:172 Resp: 1214066

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 42.683 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

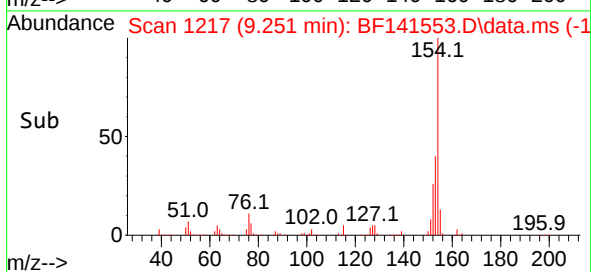
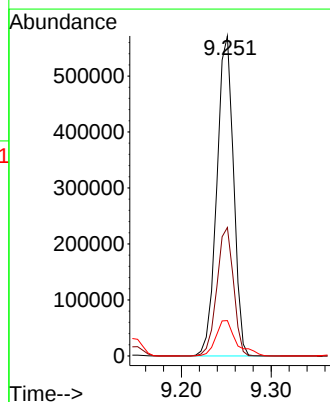
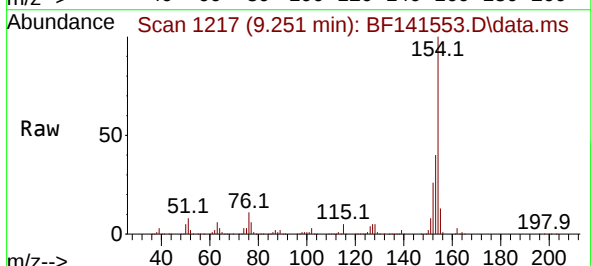
Tgt Ion:154 Resp: 737237

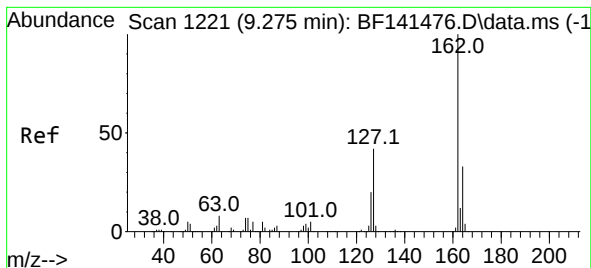
Ion Ratio Lower Upper

154 100

153 40.1 20.4 60.4

76 11.0 0.0 30.8





#47

2-Chloronaphthalene

Concen: 38.912 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

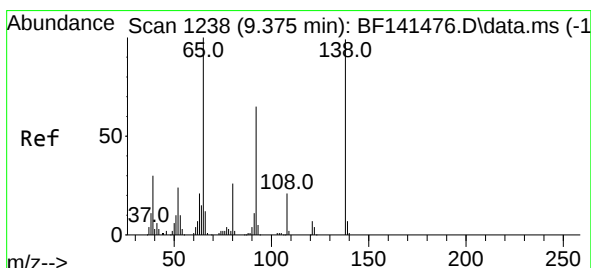
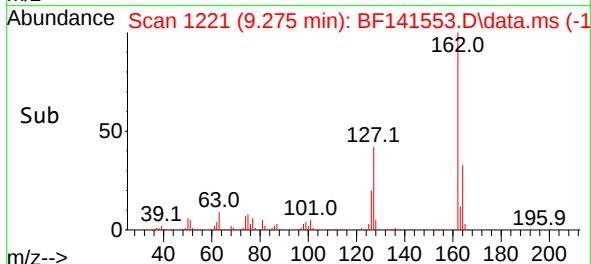
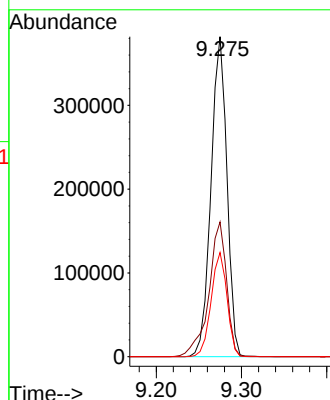
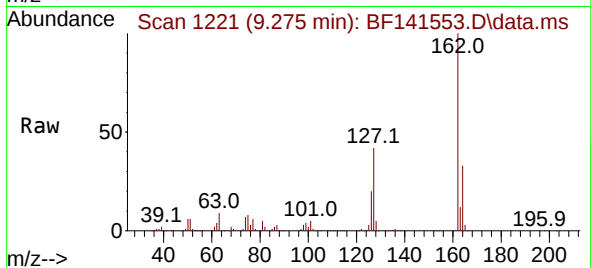
Tgt Ion:162 Resp: 497000

Ion Ratio Lower Upper

162 100

127 42.1 34.1 51.1

164 32.6 26.3 39.5



#48

2-Nitroaniline

Concen: 40.123 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

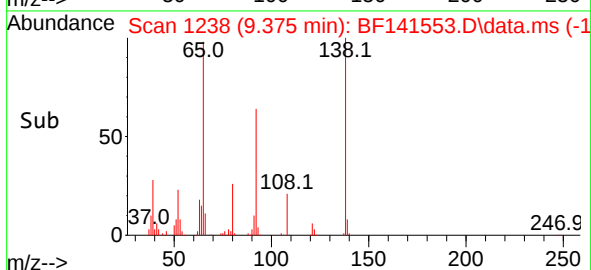
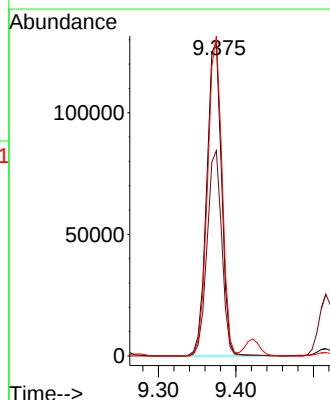
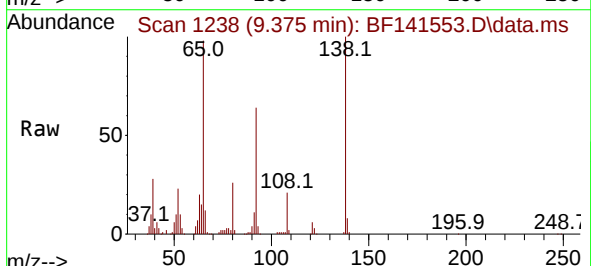
Tgt Ion: 65 Resp: 171986

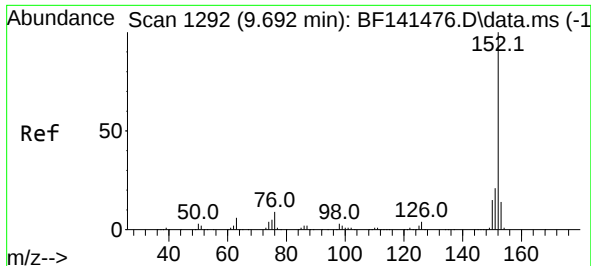
Ion Ratio Lower Upper

65 100

92 65.4 52.2 78.2

138 102.0 79.5 119.3





#49

Acenaphthylene

Concen: 40.897 ng

RT: 9.686 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

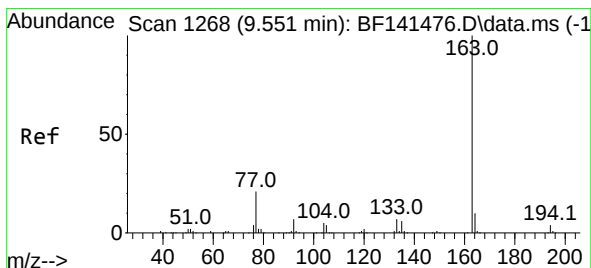
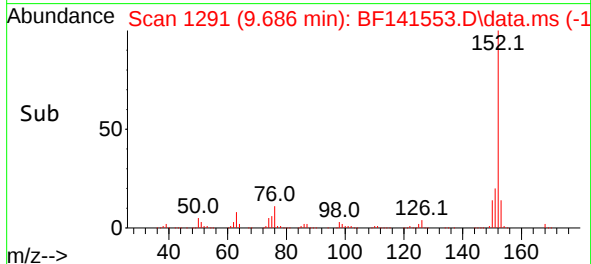
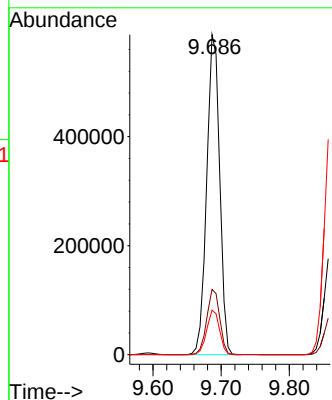
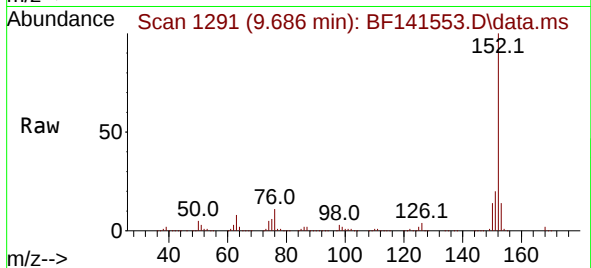
Tgt Ion:152 Resp: 776939

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.9 10.9 16.3



#50

Dimethylphthalate

Concen: 40.367 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

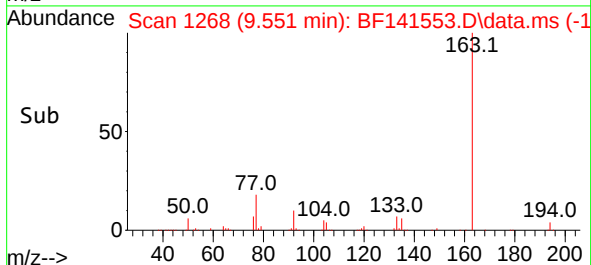
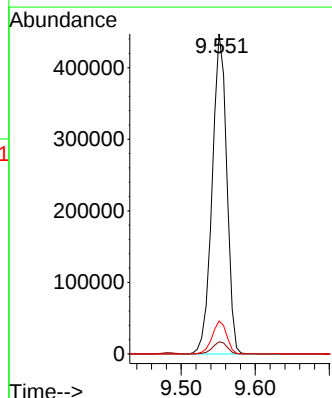
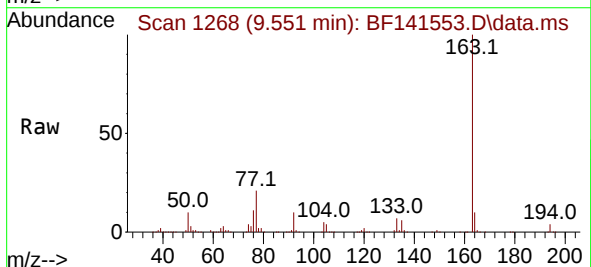
Tgt Ion:163 Resp: 610541

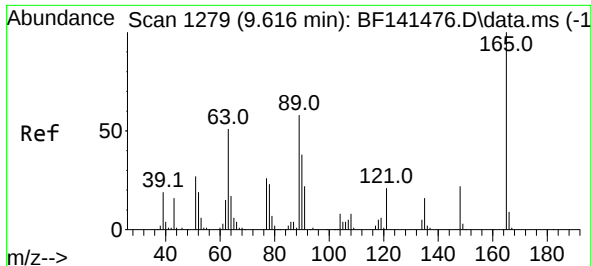
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.3 7.9 11.9

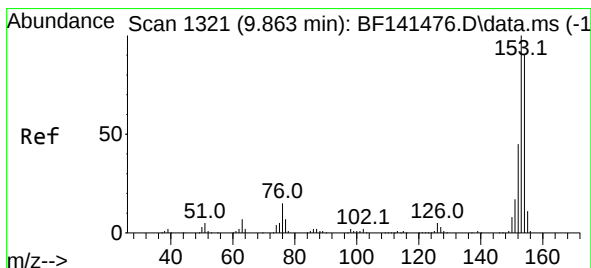
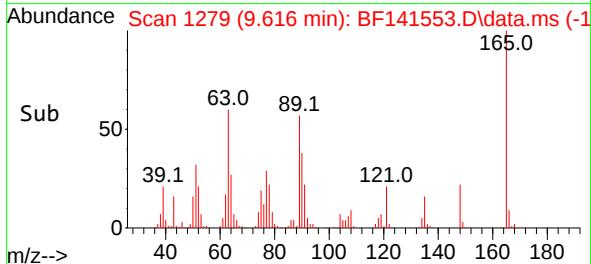
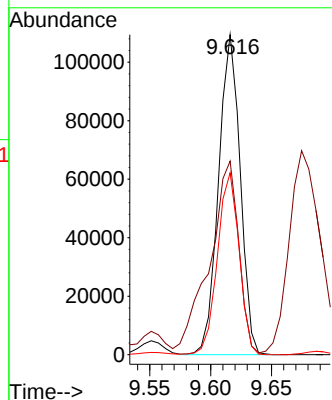
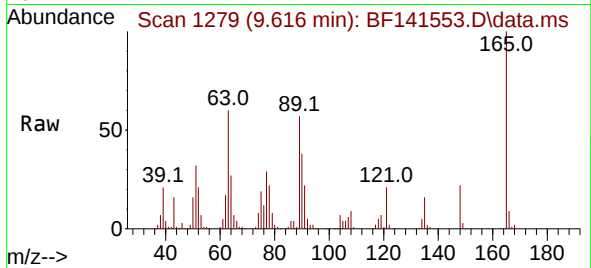




#51
2,6-Dinitrotoluene
Concen: 40.936 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

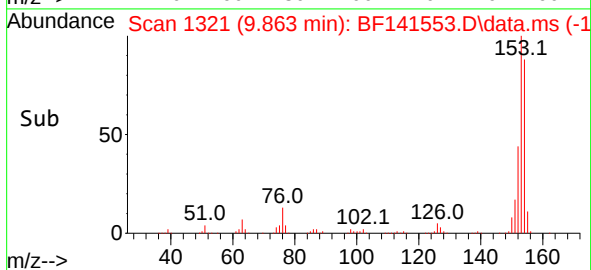
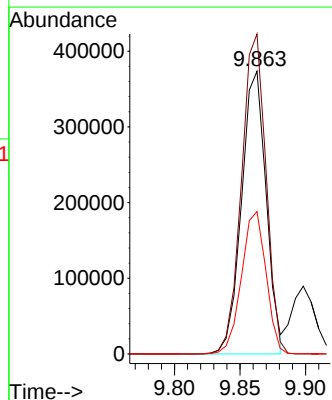
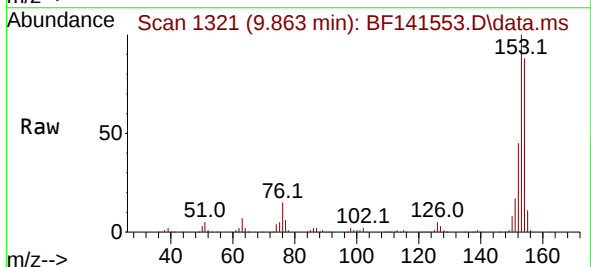
Instrument :
BNA_F
ClientSampleId :
PB166640BS

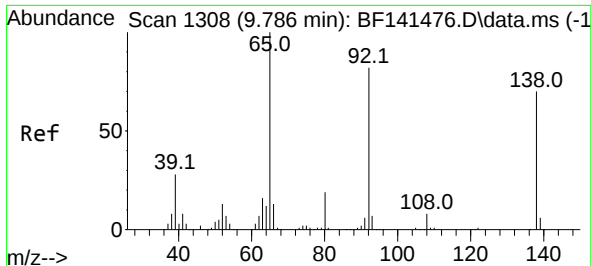
Tgt Ion:165 Resp: 135349
Ion Ratio Lower Upper
165 100
63 60.5 49.4 74.0
89 56.8 46.5 69.7



#52
Acenaphthene
Concen: 38.333 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:154 Resp: 489581
Ion Ratio Lower Upper
154 100
153 113.2 89.2 133.8
152 50.4 39.8 59.8

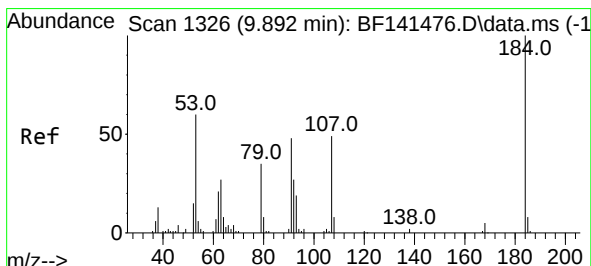
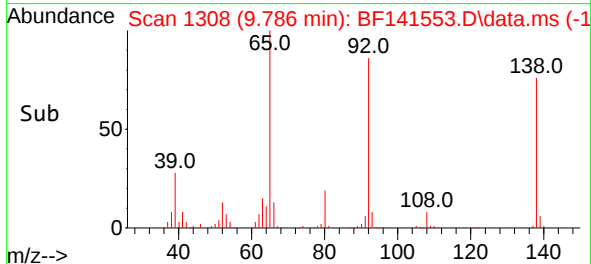
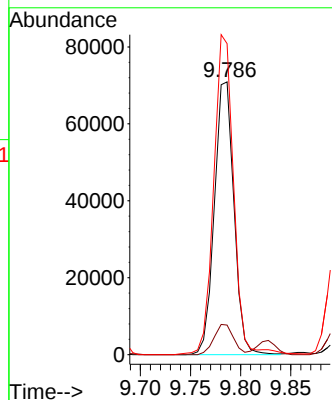
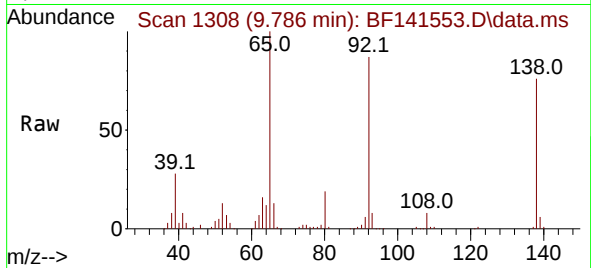




#53
3-Nitroaniline
Concen: 27.019 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

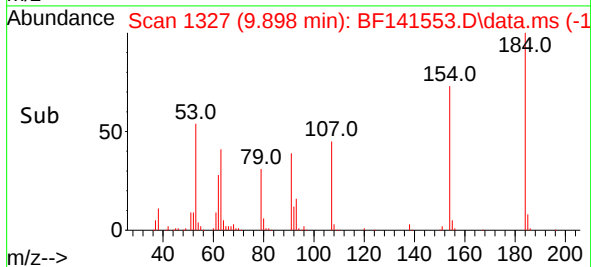
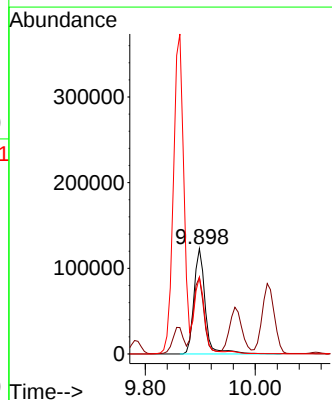
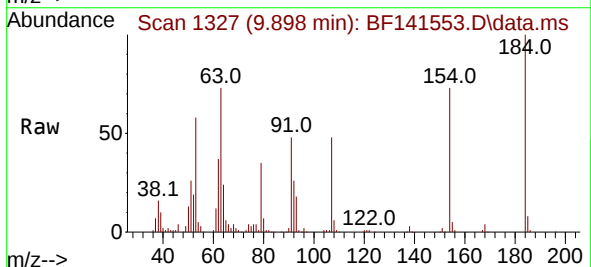
Instrument :
BNA_F
ClientSampleId :
PB166640BS

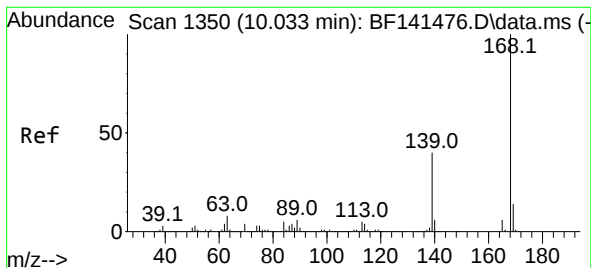
Tgt Ion:138 Resp: 96150
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.4
92 114.0 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 89.474 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:184 Resp: 175822
Ion Ratio Lower Upper
184 100
63 72.8 61.0 91.6
154 72.9 59.9 89.9





#55

Dibenzofuran

Concen: 37.720 ng

RT: 10.034 min Scan# 1350

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

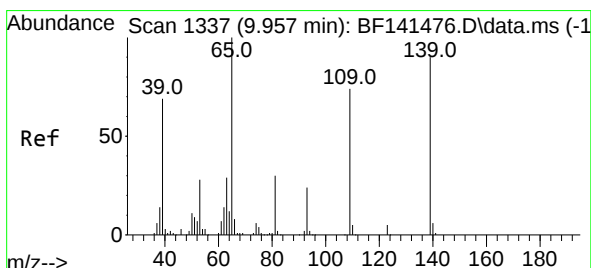
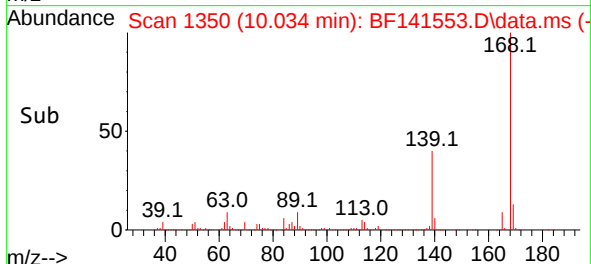
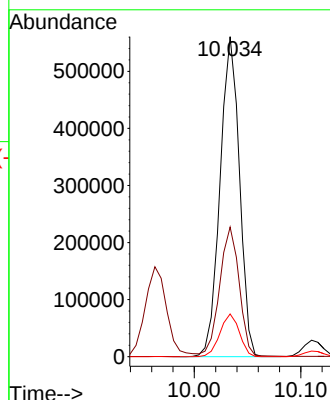
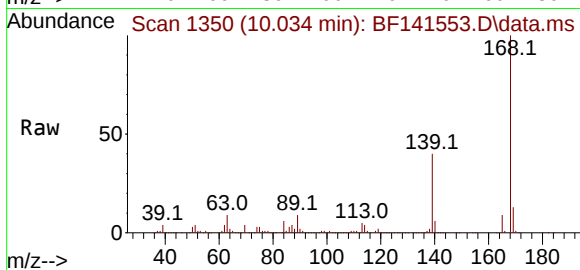
Tgt Ion:168 Resp: 707135

Ion Ratio Lower Upper

168 100

139 40.5 32.7 49.1

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 84.195 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

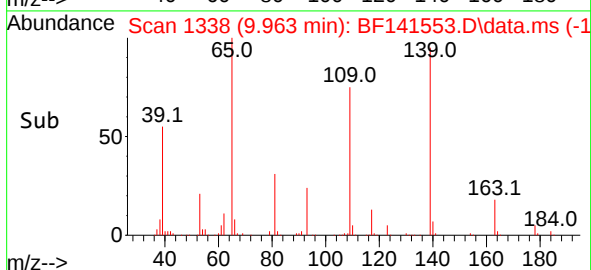
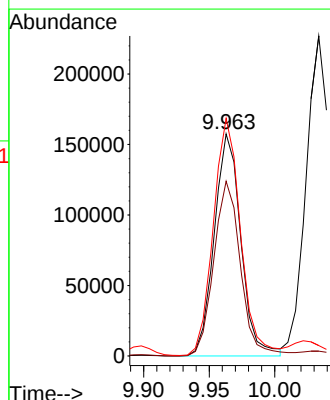
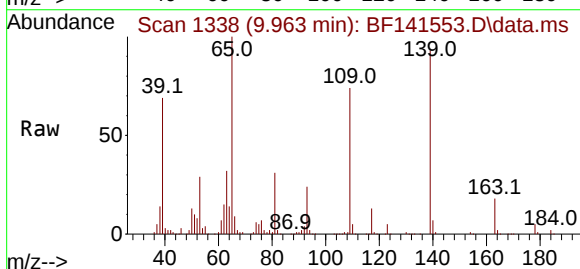
Tgt Ion:139 Resp: 222417

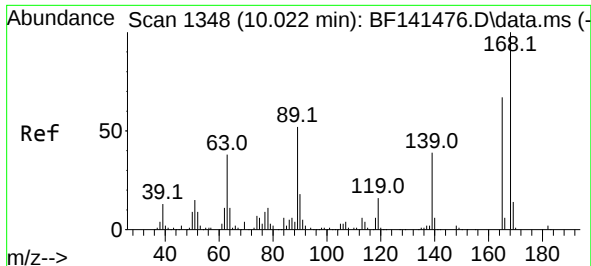
Ion Ratio Lower Upper

139 100

109 78.7 62.0 102.0

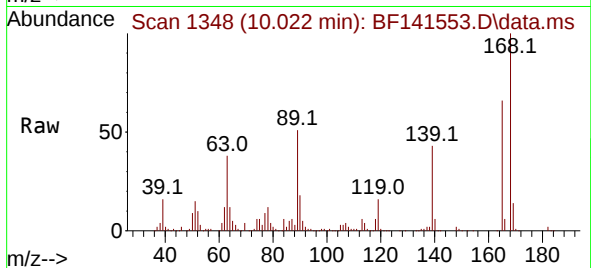
65 107.0 91.2 131.2



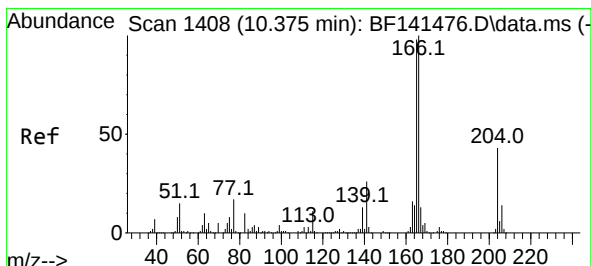
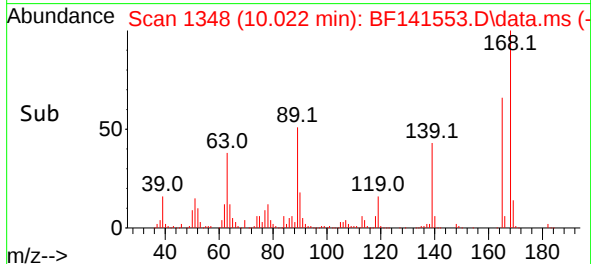
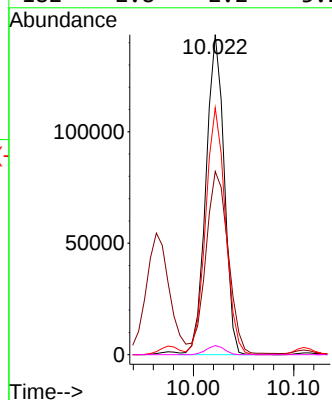


#57
2,4-Dinitrotoluene
Concen: 41.217 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :
BNA_F
ClientSampleId :
PB166640BS

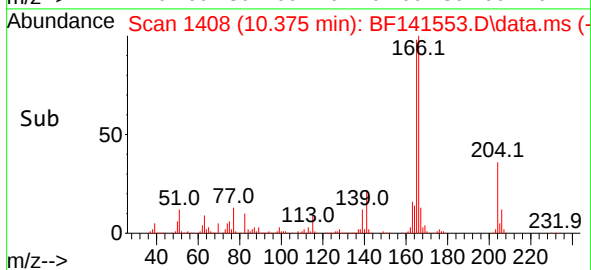
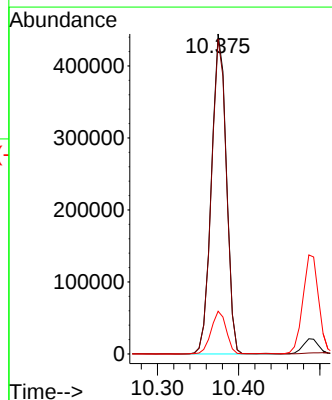
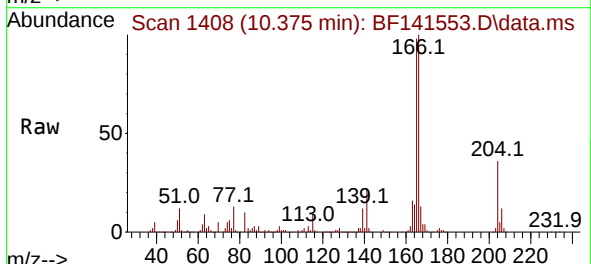


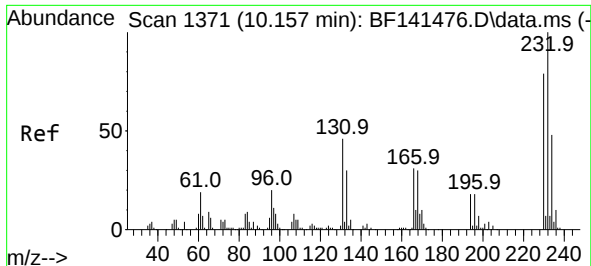
Tgt Ion:	165	Resp:	181418
Ion Ratio	Lower	Upper	
165	100		
63	57.2	46.4	69.6
89	77.2	61.8	92.6
182	2.8	2.2	3.2



#58
Fluorene
Concen: 39.167 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

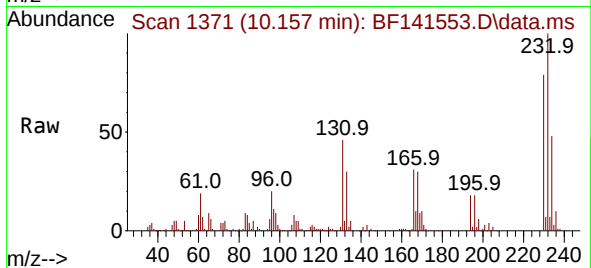
Tgt Ion:	166	Resp:	567729
Ion Ratio	Lower	Upper	
166	100		
165	98.4	78.2	117.2
167	13.3	10.7	16.1



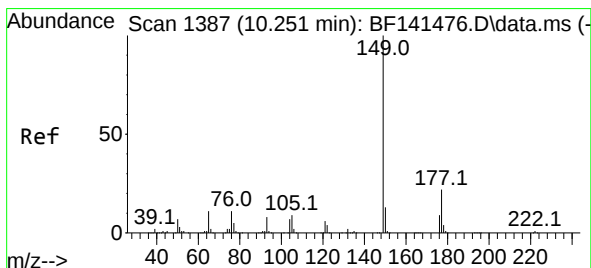
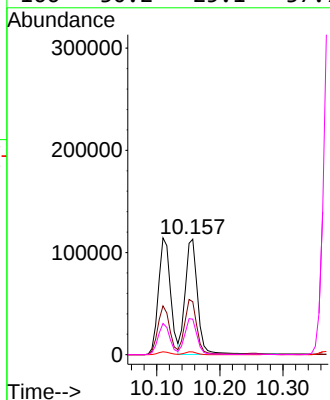
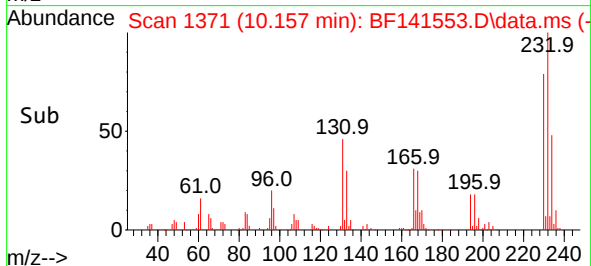


#59
2,3,4,6-Tetrachlorophenol
Concen: 39.587 ng
RT: 10.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

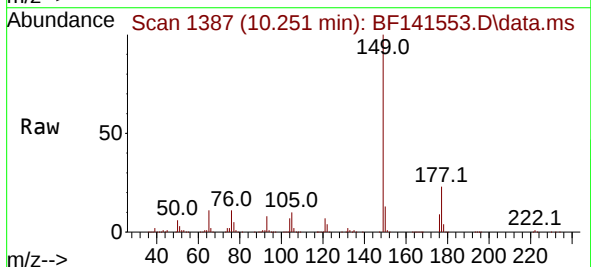
Instrument :
BNA_F
ClientSampleId :
PB166640BS



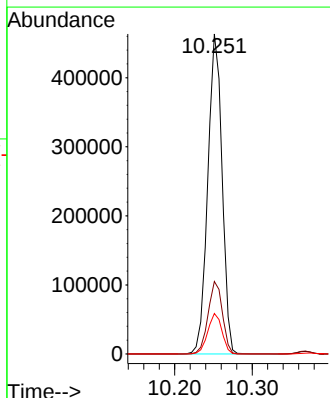
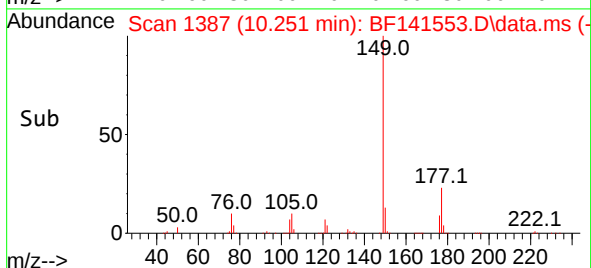
Tgt Ion:232 Resp: 153873
Ion Ratio Lower Upper
232 100
131 46.8 39.2 58.8
130 2.4 2.1 3.1
166 30.2 25.1 37.7

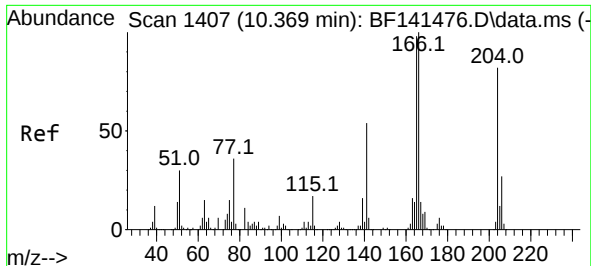


#60
Diethylphthalate
Concen: 39.814 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21



Tgt Ion:149 Resp: 592461
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 12.7 10.1 15.1

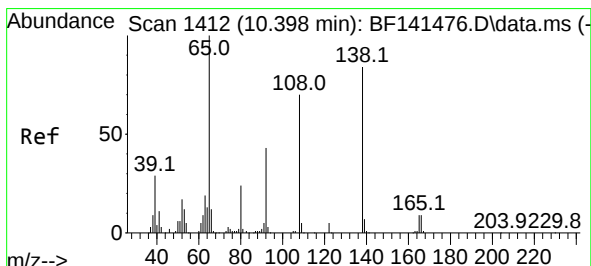
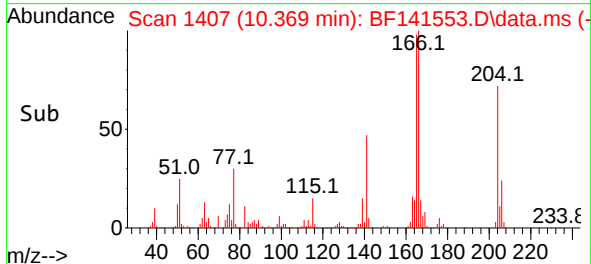
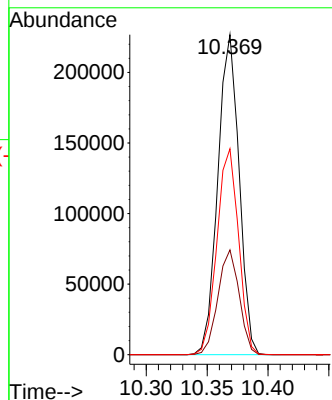
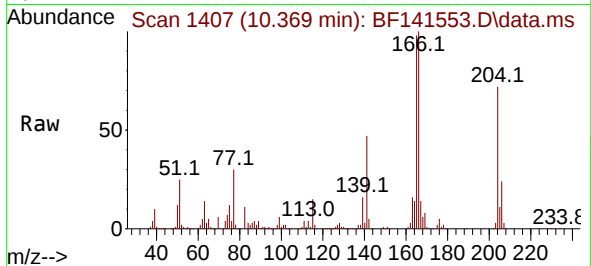




#61
4-Chlorophenyl-phenylether
Concen: 39.596 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

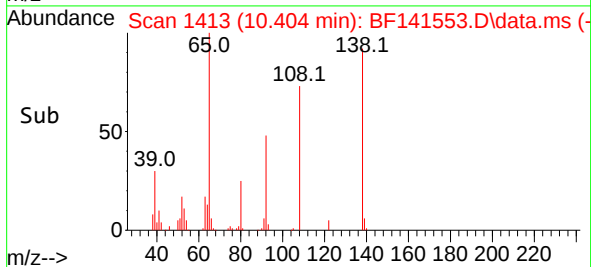
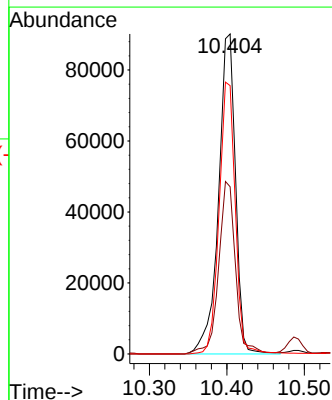
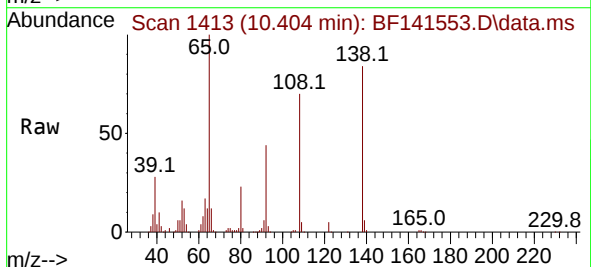
Instrument :
BNA_F
ClientSampleId :
PB166640BS

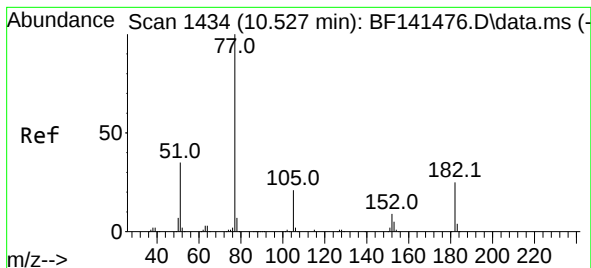
Tgt Ion:204 Resp: 276120
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 64.4 51.9 77.9



#62
4-Nitroaniline
Concen: 38.082 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:138 Resp: 137609
Ion Ratio Lower Upper
138 100
92 52.3 31.3 71.3
108 83.9 63.7 103.7





#63

Azobenzene

Concen: 38.974 ng

RT: 10.528 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

Tgt Ion: 77 Resp: 576561

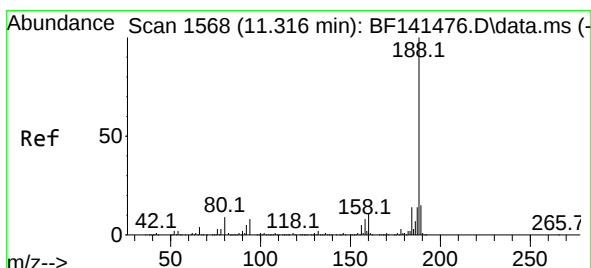
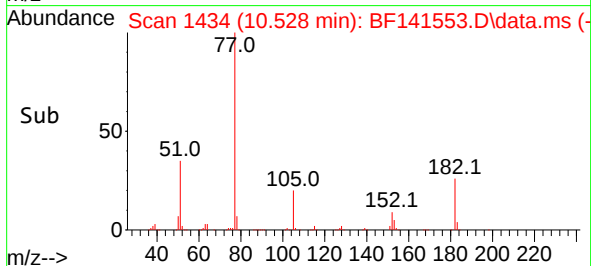
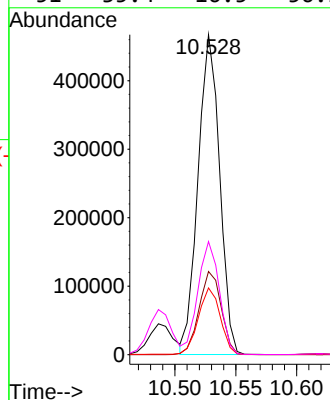
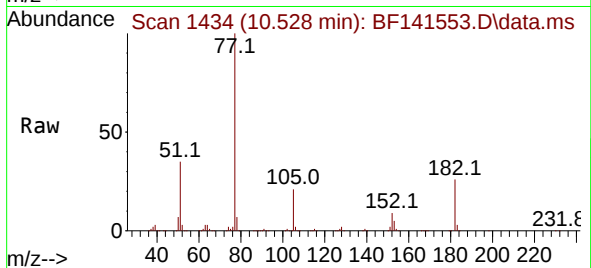
Ion Ratio Lower Upper

77 100

182 26.0 4.7 44.7

105 20.8 0.4 40.4

51 35.4 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

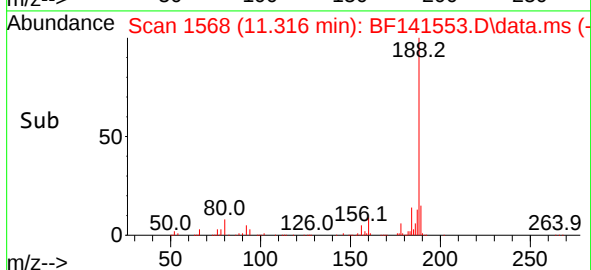
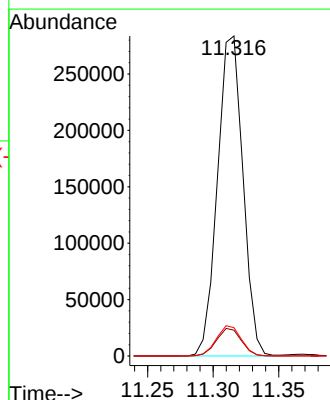
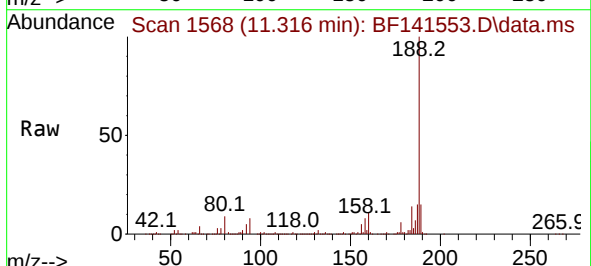
Tgt Ion:188 Resp: 382820

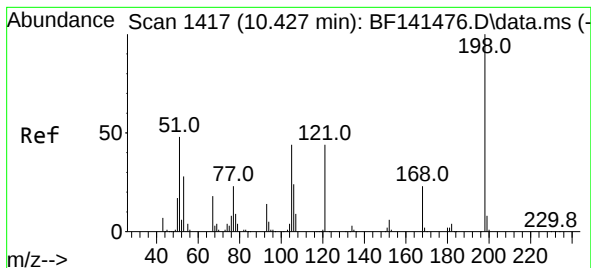
Ion Ratio Lower Upper

188 100

94 8.1 6.6 10.0

80 8.8 7.3 10.9

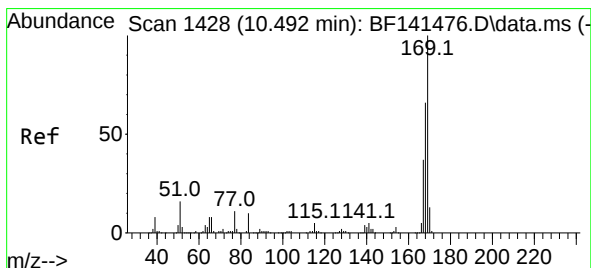
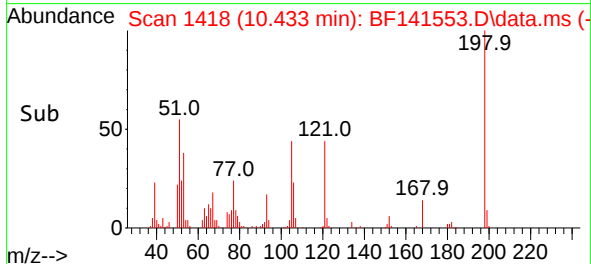
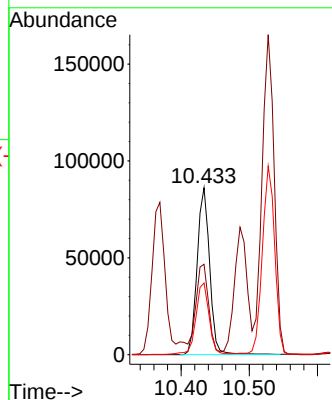
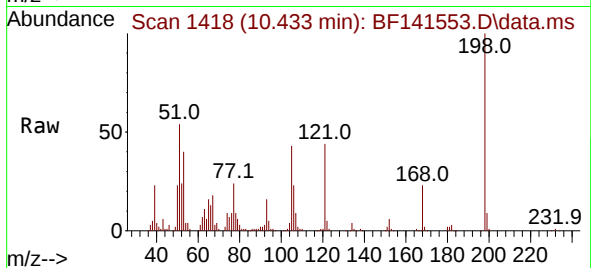




#65
4,6-Dinitro-2-methylphenol
Concen: 41.475 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

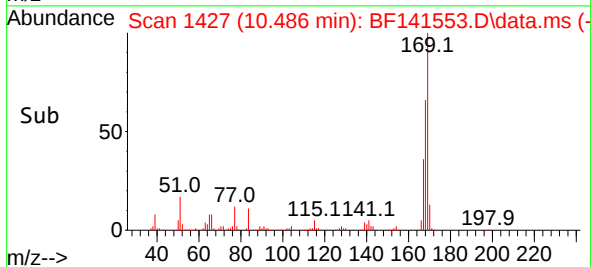
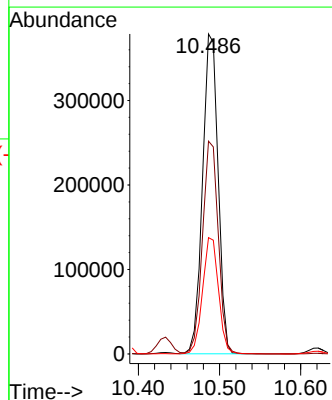
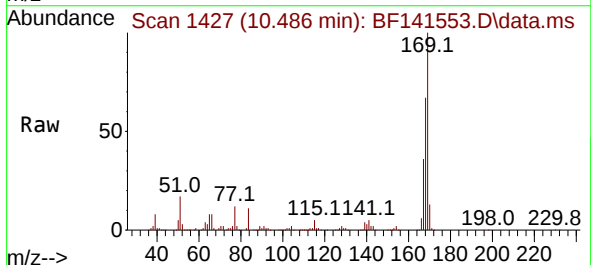
Instrument :
BNA_F
ClientSampleId :
PB166640BS

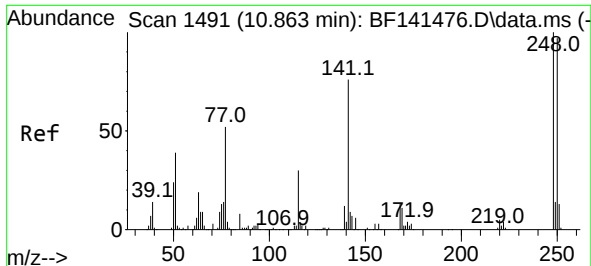
Tgt Ion:198 Resp: 110293
Ion Ratio Lower Upper
198 100
51 54.2 37.4 77.4
105 43.0 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 40.988 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

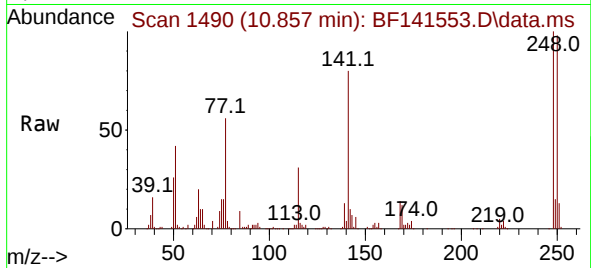
Tgt Ion:169 Resp: 502279
Ion Ratio Lower Upper
169 100
168 66.5 53.3 79.9
167 36.3 29.4 44.2



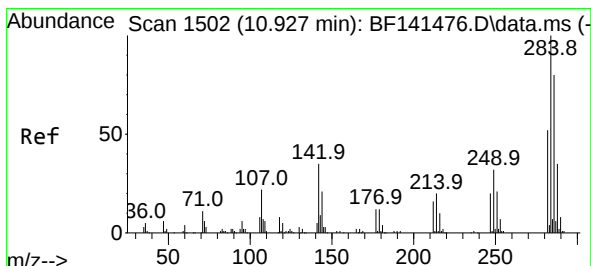
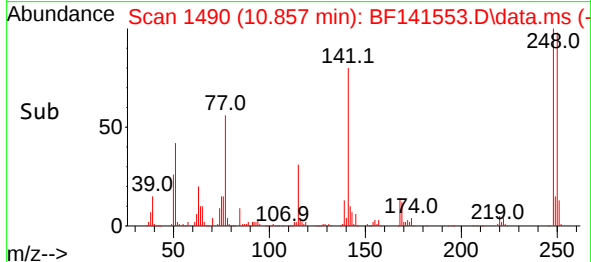
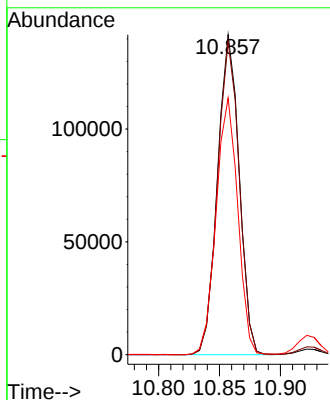


#67
4-Bromophenyl-phenylether
Concen: 41.145 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :
BNA_F
ClientSampleId :
PB166640BS

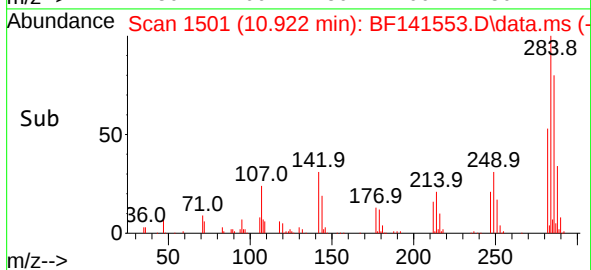
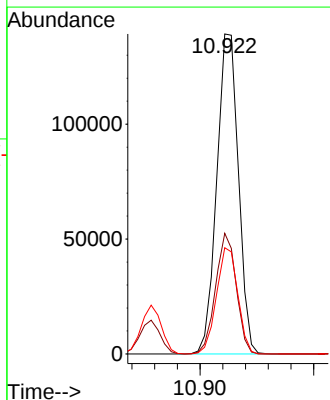
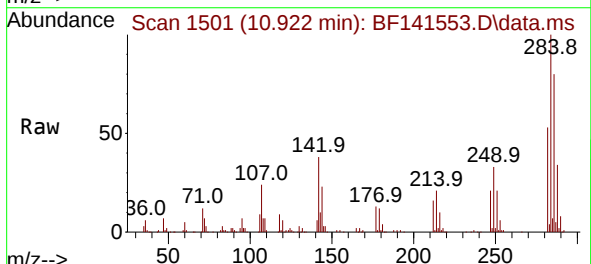


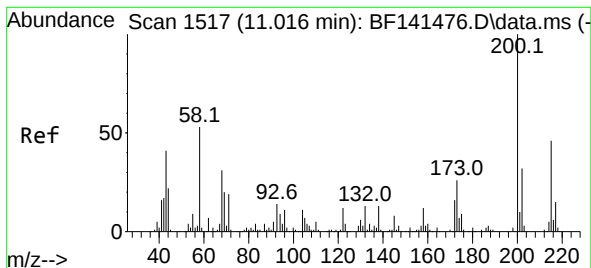
Tgt Ion:248 Resp: 176041
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.6
141 80.2 60.6 90.8



#68
Hexachlorobenzene
Concen: 41.859 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:284 Resp: 184417
Ion Ratio Lower Upper
284 100
142 37.7 28.0 42.0
249 33.2 25.8 38.8





#69

Atrazine

Concen: 53.535 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

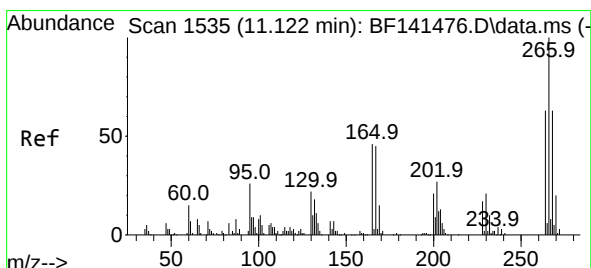
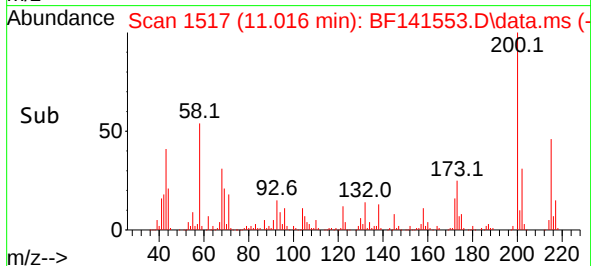
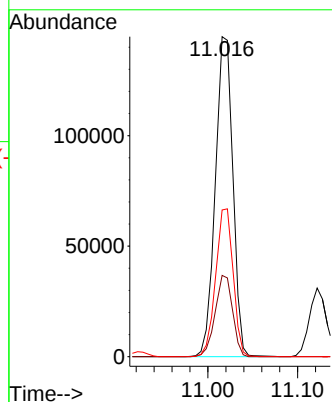
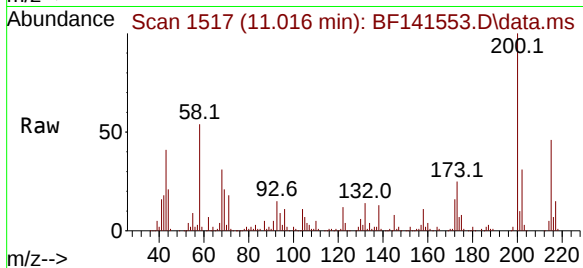
Tgt Ion:200 Resp: 196812

Ion Ratio Lower Upper

200 100

173 25.4 5.9 45.9

215 45.8 25.9 65.9



#70

Pentachlorophenol

Concen: 78.891 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

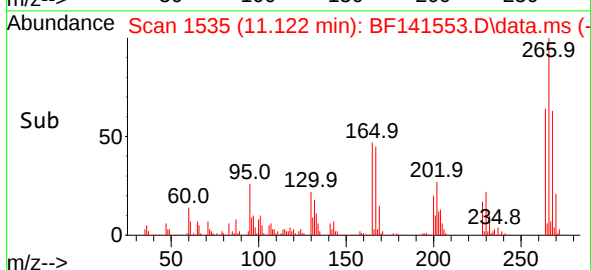
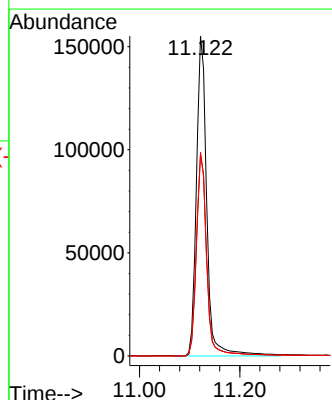
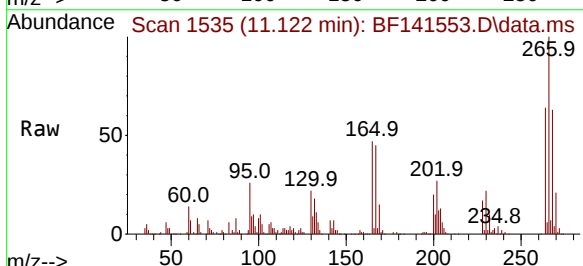
Tgt Ion:266 Resp: 222244

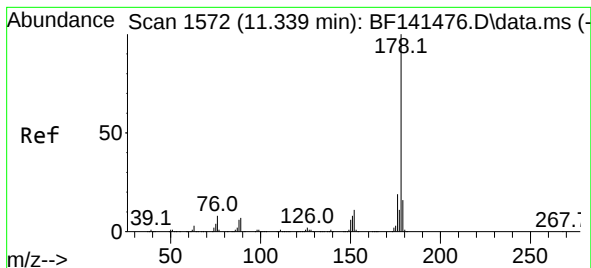
Ion Ratio Lower Upper

266 100

268 63.1 50.1 75.1

264 63.6 50.1 75.1

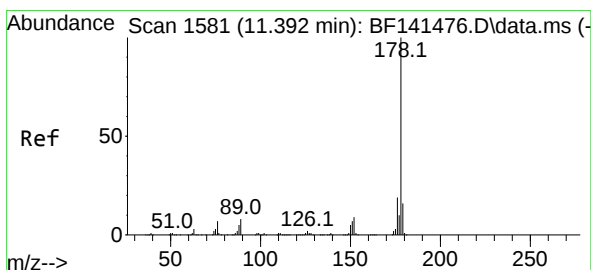
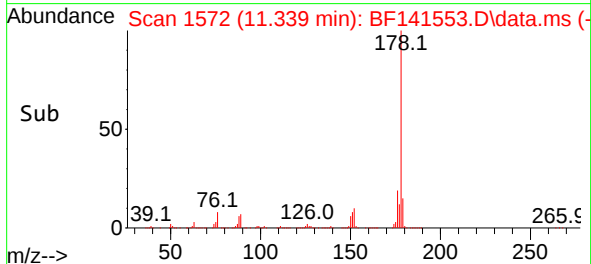
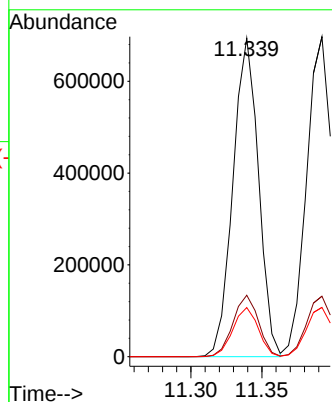
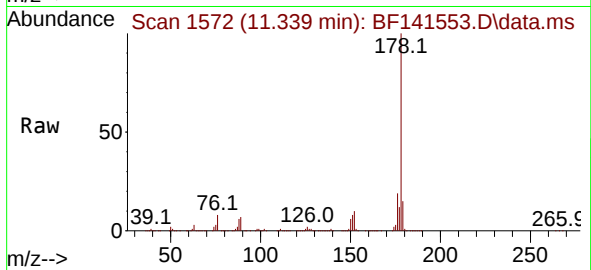




#71
Phenanthrene
Concen: 41.266 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

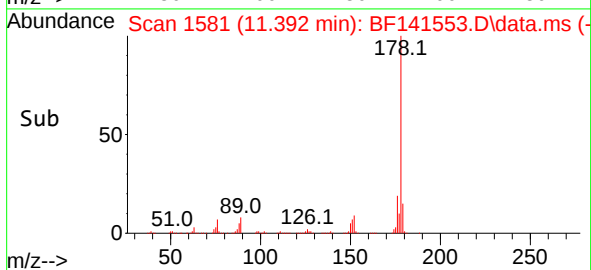
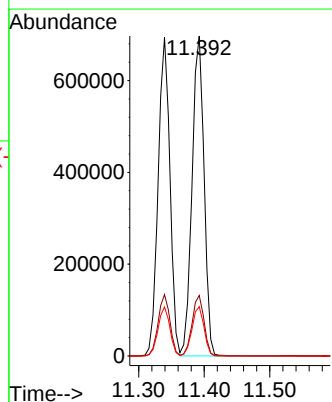
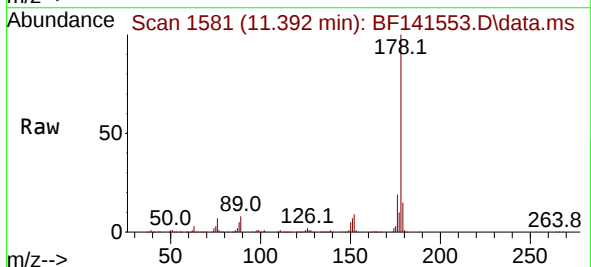
Instrument :
BNA_F
ClientSampleId :
PB166640BS

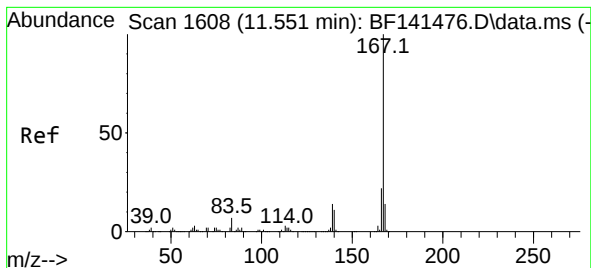
Tgt Ion:178 Resp: 869573
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 41.834 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:178 Resp: 886168
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.4 12.4 18.6





#73

Carbazole

Concen: 40.770 ng

RT: 11.545 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

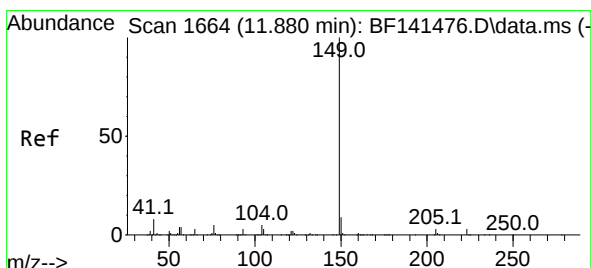
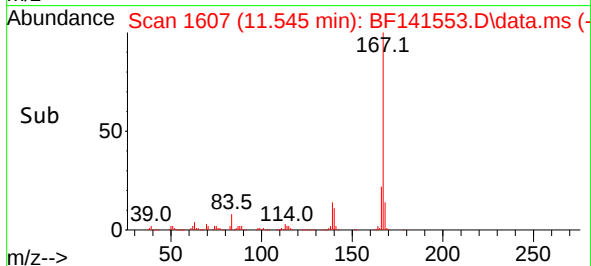
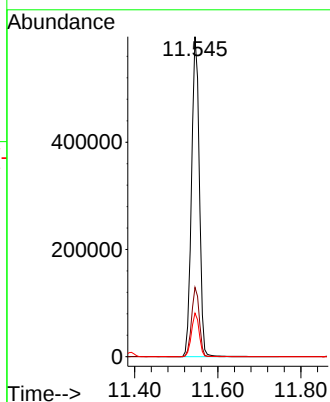
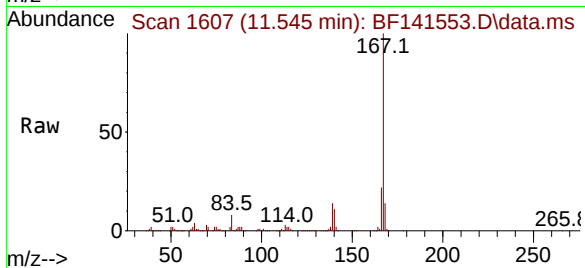
Tgt Ion:167 Resp: 777086

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 13.6 10.9 16.3



#74

Di-n-butylphthalate

Concen: 42.433 ng

RT: 11.875 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

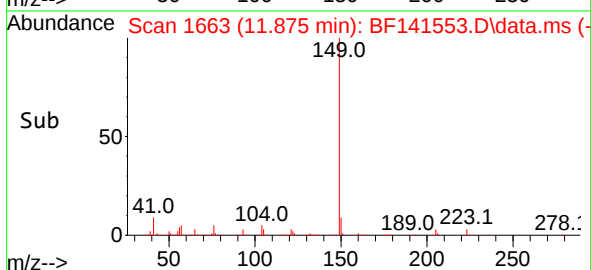
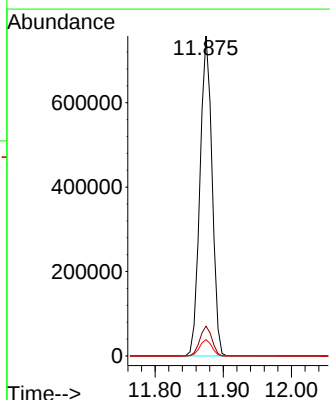
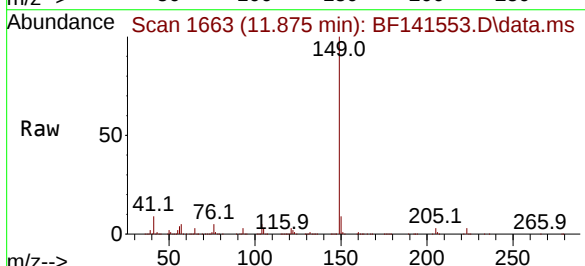
Tgt Ion:149 Resp: 933869

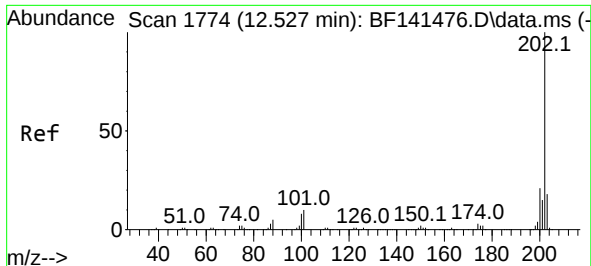
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

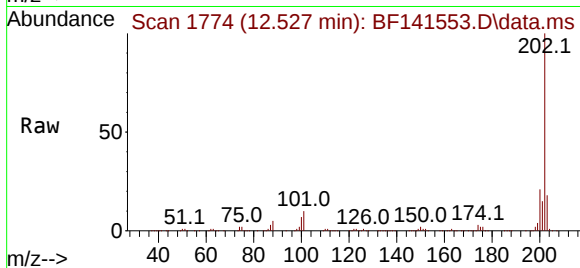
104 5.1 4.2 6.2



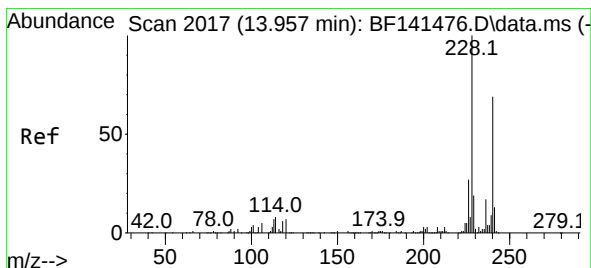
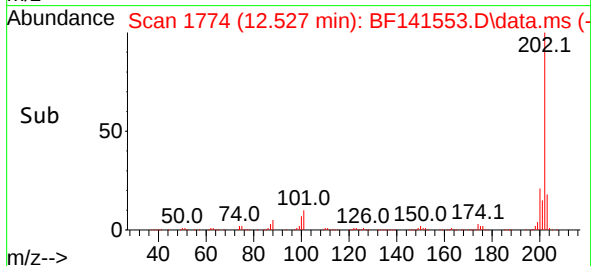
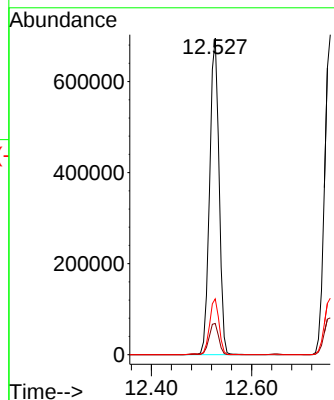


#75
Fluoranthene
Concen: 40.641 ng
RT: 12.527 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :
BNA_F
ClientSampleId :
PB166640BS

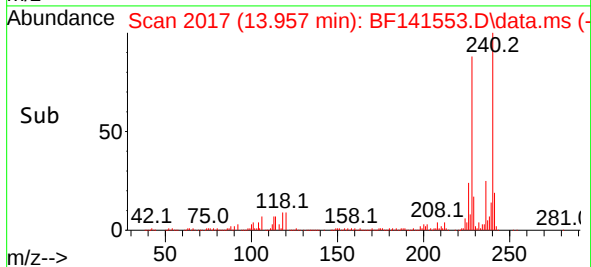
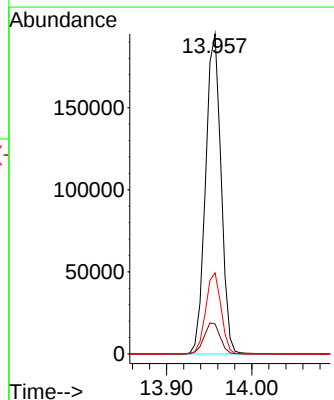
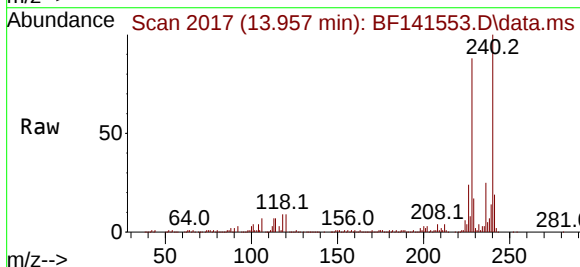


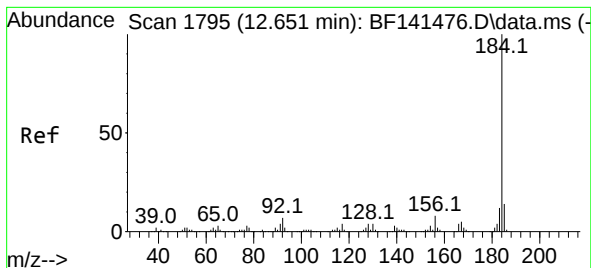
Tgt Ion:202 Resp: 907964
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.2
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:240 Resp: 245835
Ion Ratio Lower Upper
240 100
120 9.4 8.0 12.0
236 25.4 19.8 29.8





#77

Benzidine

Concen: 57.985 ng

RT: 12.651 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

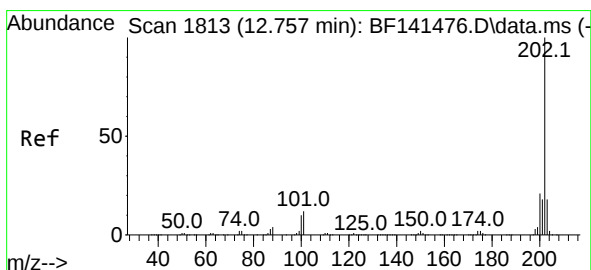
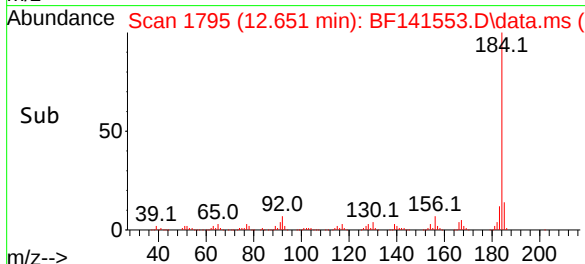
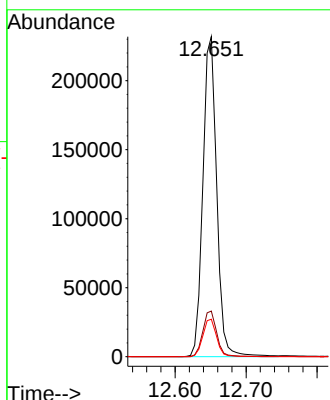
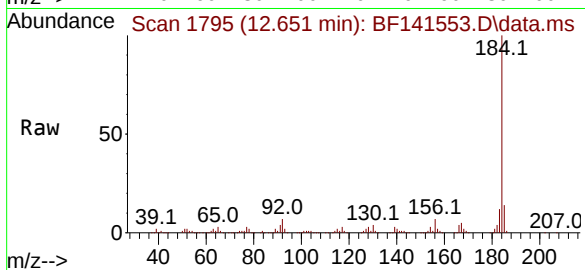
Tgt Ion:184 Resp: 314381

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

183 11.7 9.3 13.9



#78

Pyrene

Concen: 44.386 ng

RT: 12.757 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

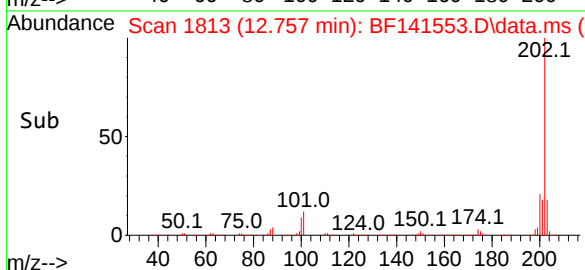
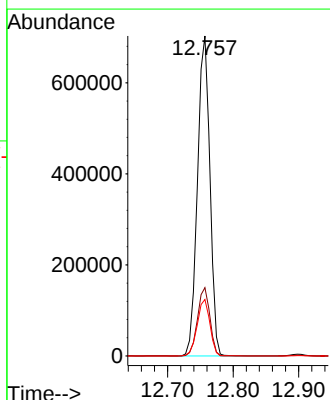
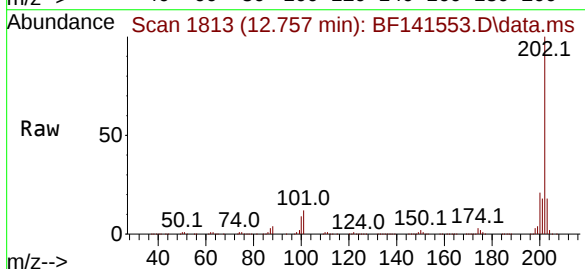
Tgt Ion:202 Resp: 928873

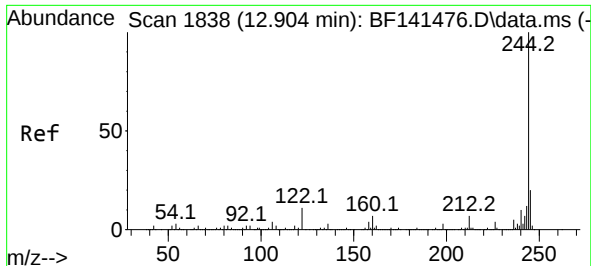
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

203 17.6 14.3 21.5

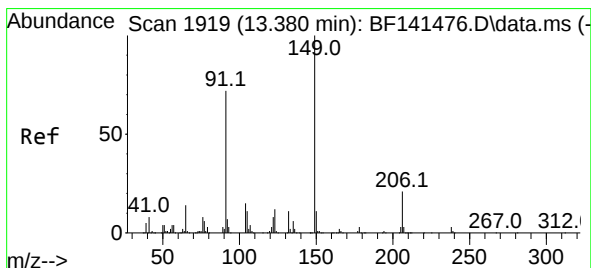
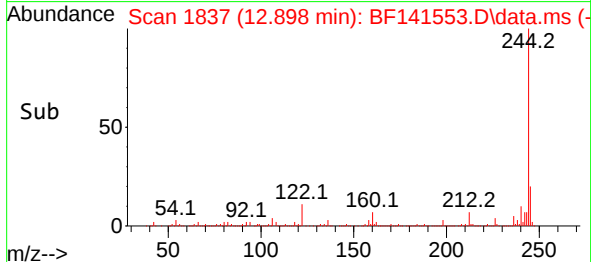
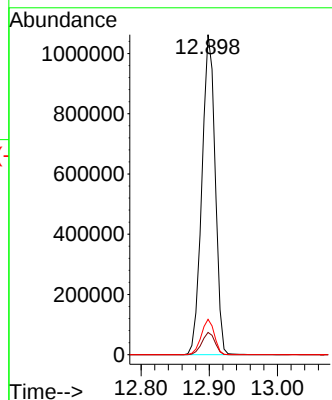
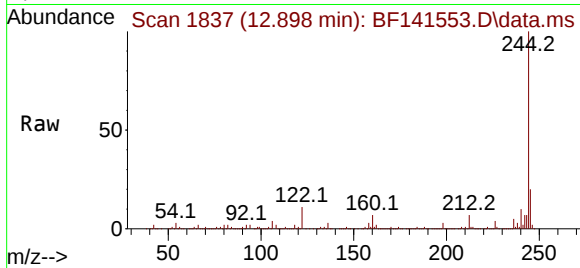




#79
 Terphenyl-d14
 Concen: 98.494 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141553.D
 Acq: 11 Feb 2025 11:21

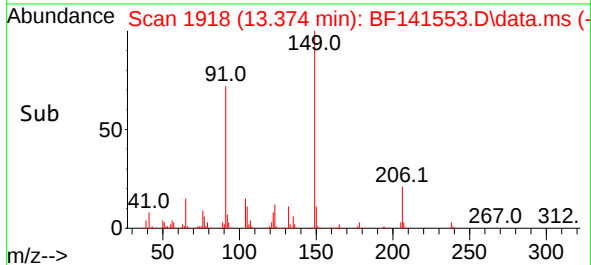
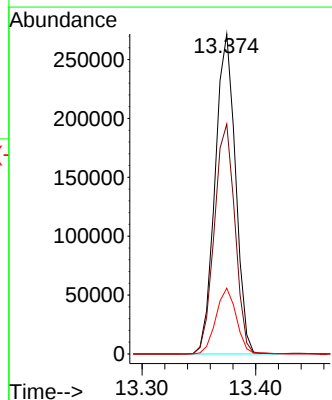
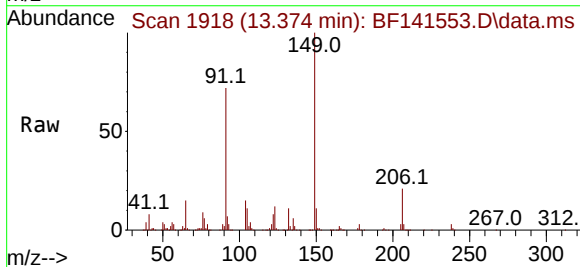
Instrument :
 BNA_F
 ClientSampleId :
 PB166640BS

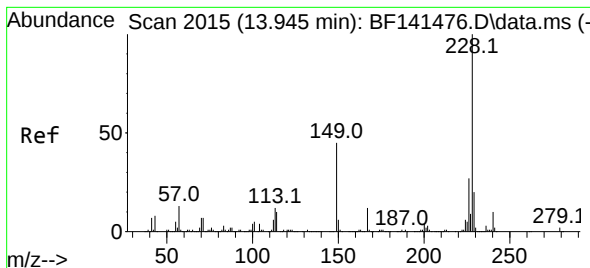
Tgt Ion:244 Resp: 1434287
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.1 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 46.711 ng
 RT: 13.374 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF141553.D
 Acq: 11 Feb 2025 11:21

Tgt Ion:149 Resp: 338587
 Ion Ratio Lower Upper
 149 100
 91 71.9 57.8 86.8
 206 20.5 16.7 25.1





#81

Benzo(a)anthracene

Concen: 42.336 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

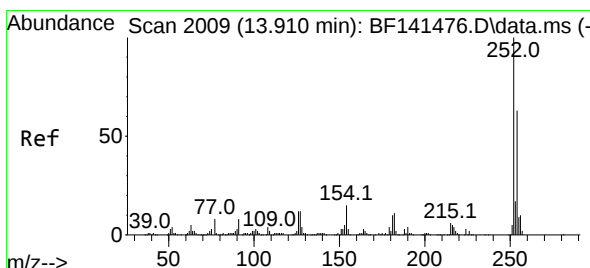
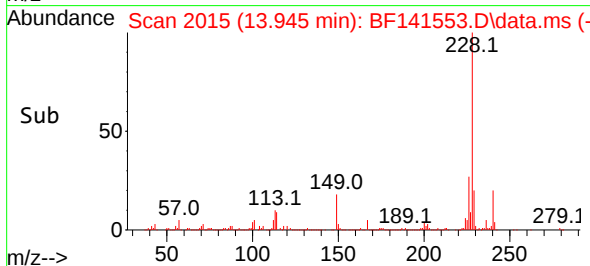
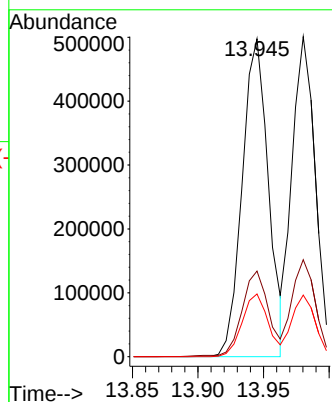
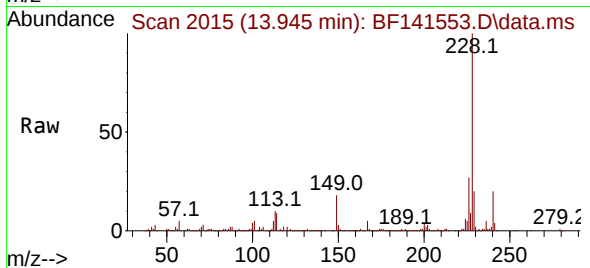
Tgt Ion:228 Resp: 691833

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 30.483 ng

RT: 13.904 min Scan# 2008

Delta R.T. -0.012 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

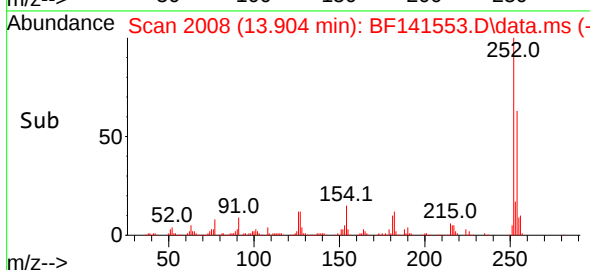
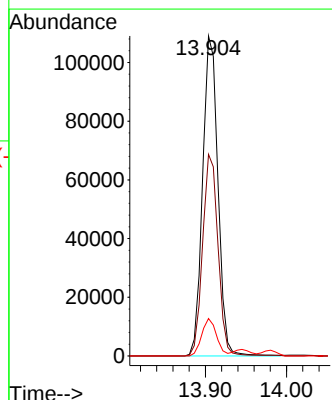
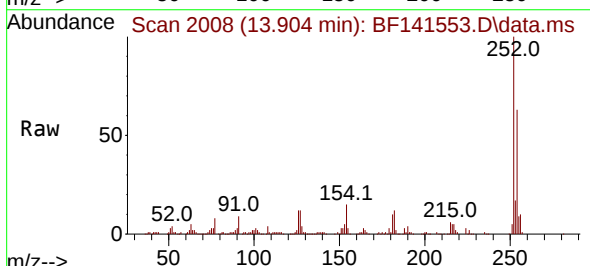
Tgt Ion:252 Resp: 142695

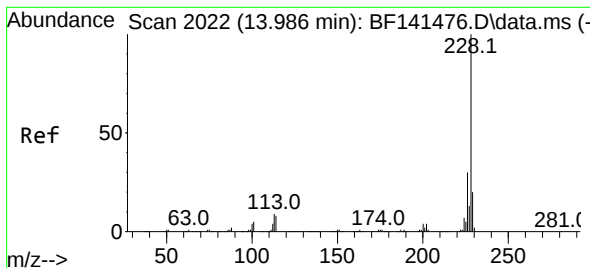
Ion Ratio Lower Upper

252 100

254 63.0 50.6 76.0

126 11.7 9.3 13.9





#83

Chrysene

Concen: 40.833 ng

RT: 13.980 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

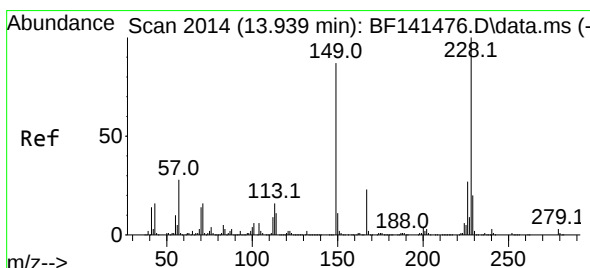
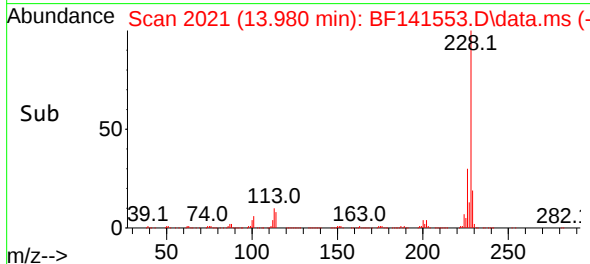
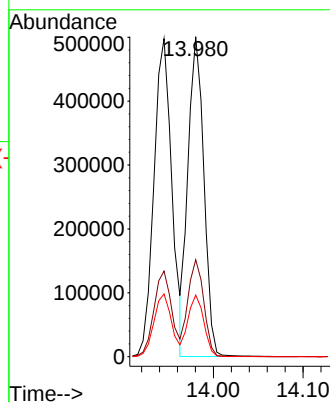
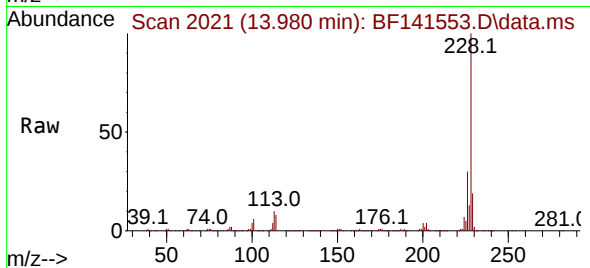
Tgt Ion:228 Resp: 616121

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

229 19.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.065 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

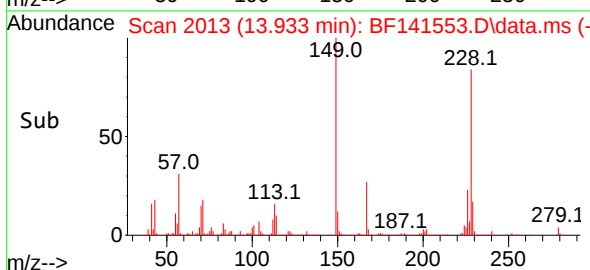
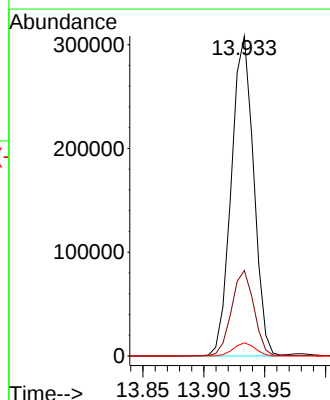
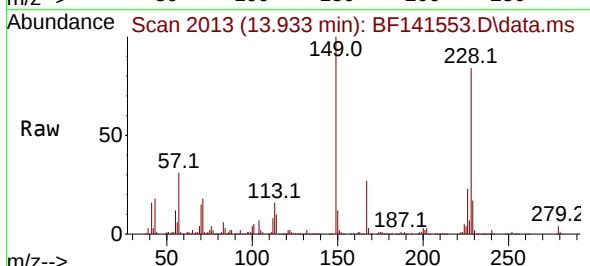
Tgt Ion:149 Resp: 392947

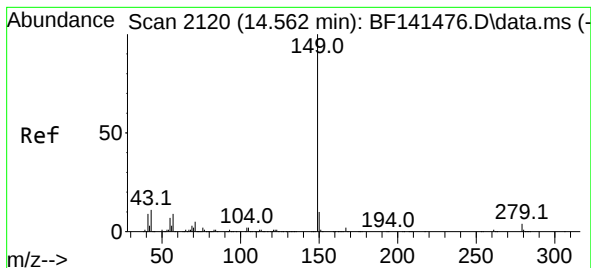
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 45.278 ng

RT: 14.551 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

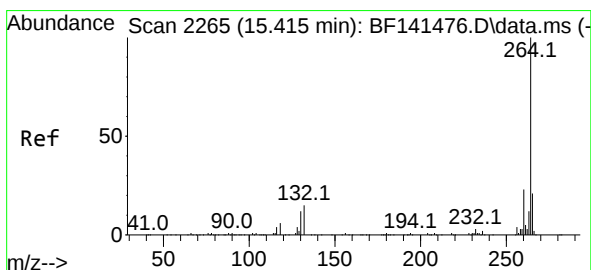
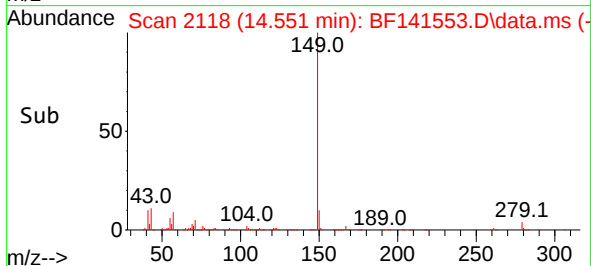
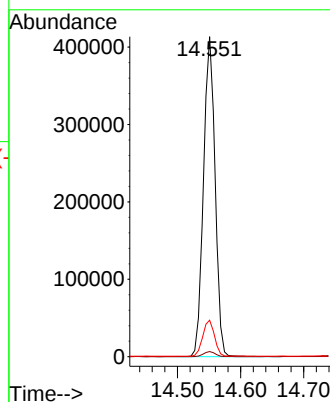
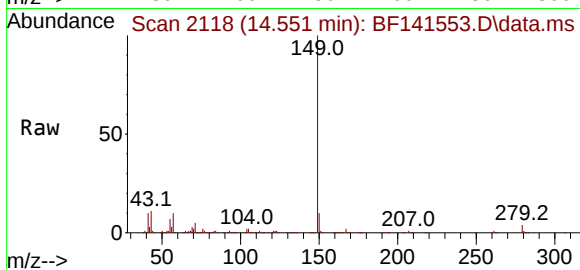
Tgt Ion:149 Resp: 528060

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.3 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2263

Delta R.T. -0.012 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

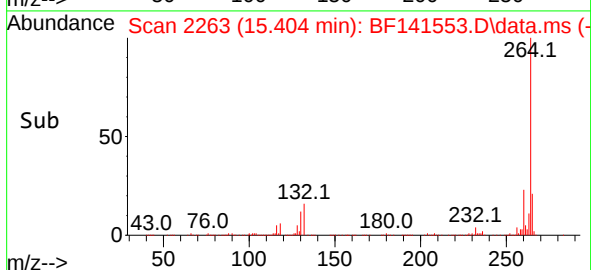
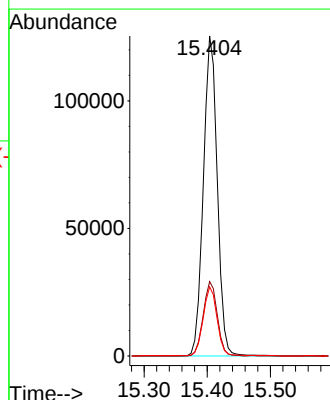
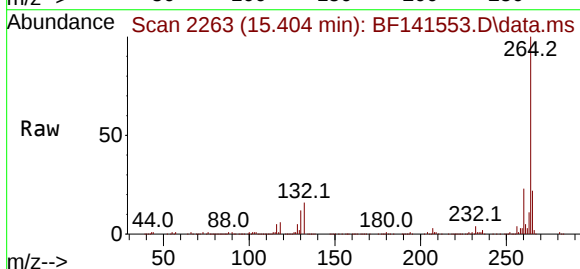
Tgt Ion:264 Resp: 192005

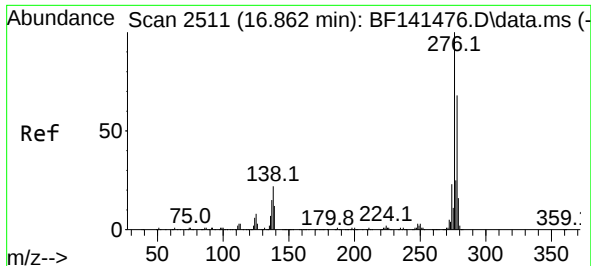
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.6 17.0 25.4

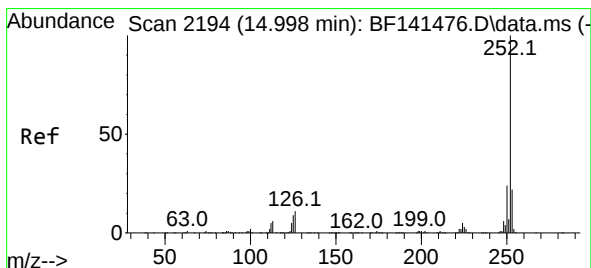
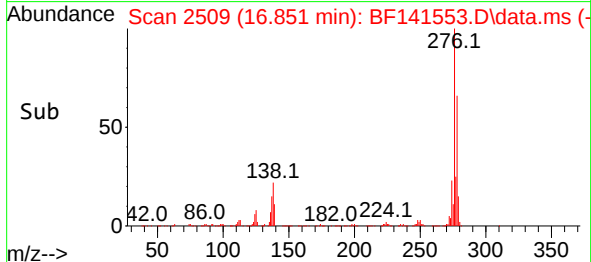
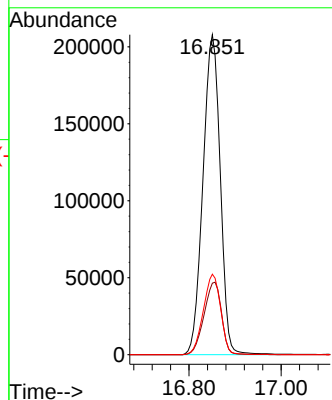
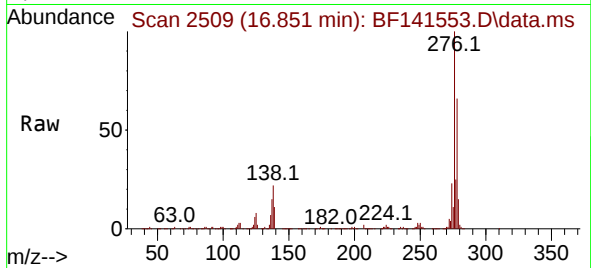




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.816 ng
RT: 16.851 min Scan# 2109
Delta R.T. -0.023 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

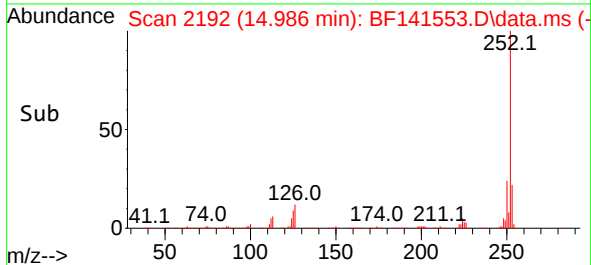
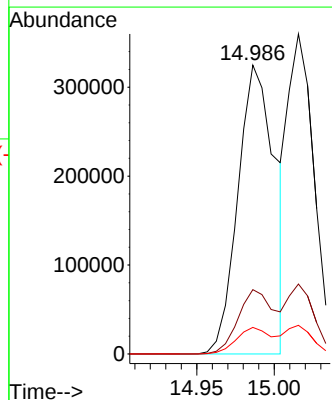
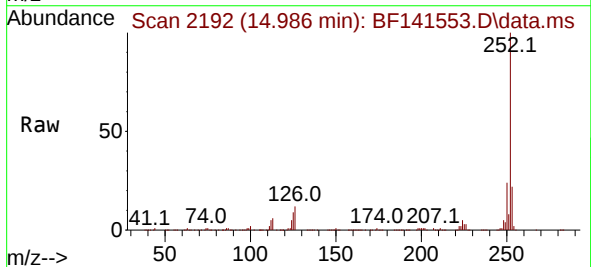
Instrument :
BNA_F
ClientSampleId :
PB166640BS

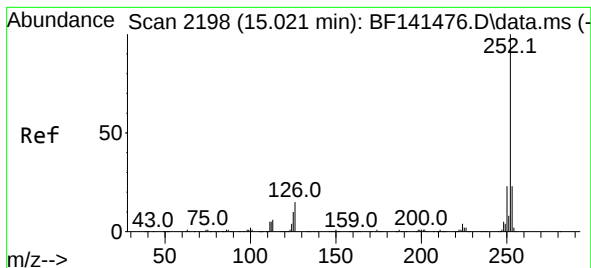
Tgt Ion:276 Resp: 543554
Ion Ratio Lower Upper
276 100
138 23.0 18.0 27.0
277 25.1 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 41.863 ng
RT: 14.986 min Scan# 2192
Delta R.T. -0.017 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:252 Resp: 539713
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 38.512 ng

RT: 15.016 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

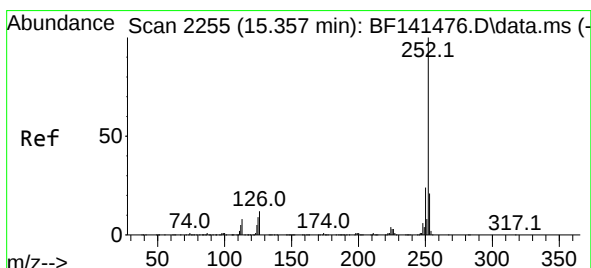
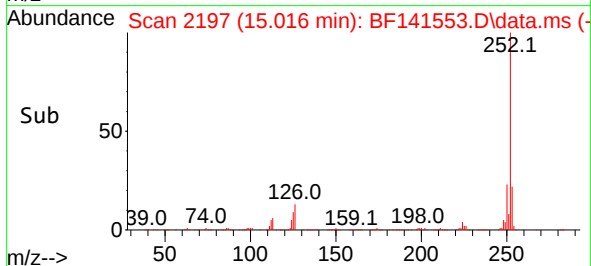
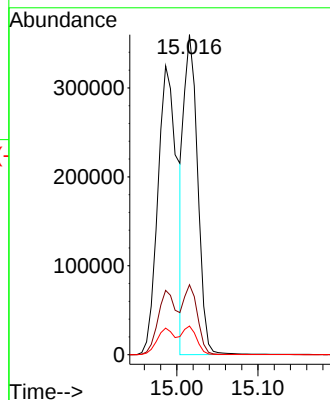
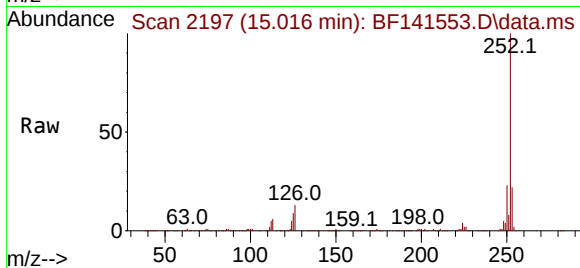
Tgt Ion:252 Resp: 423973

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 9.0 7.4 11.0



#90

Benzo(a)pyrene

Concen: 43.346 ng

RT: 15.345 min Scan# 2253

Delta R.T. -0.017 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

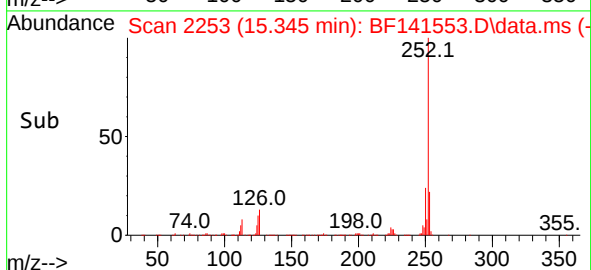
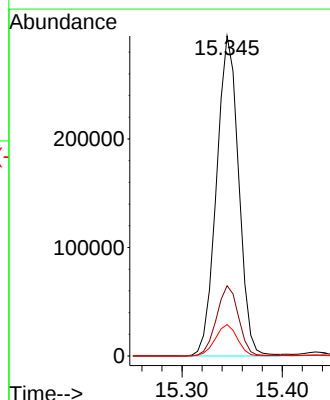
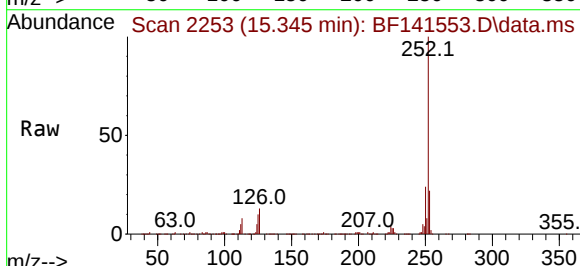
Tgt Ion:252 Resp: 452188

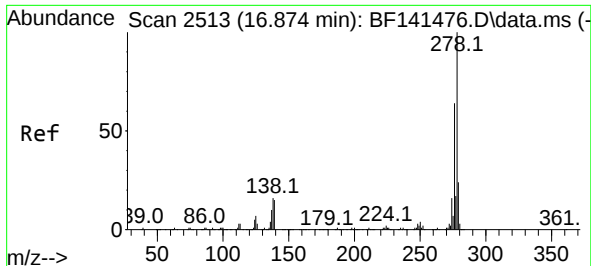
Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 9.8 7.4 11.2

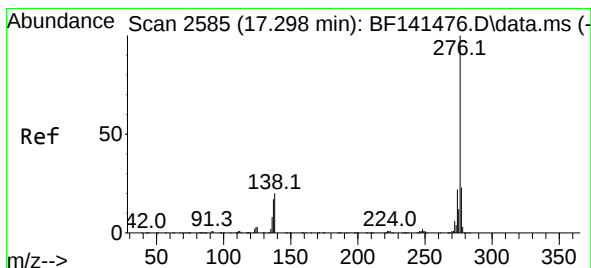
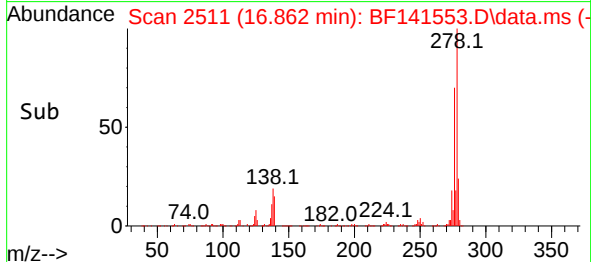
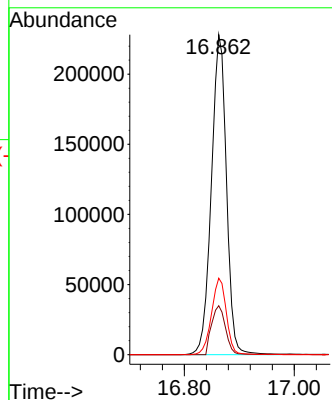
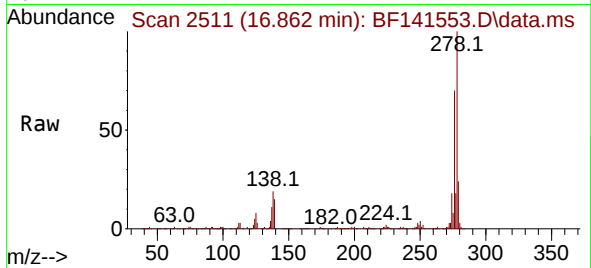




#91
 Dibenzo(a,h)anthracene
 Concen: 45.248 ng
 RT: 16.862 min Scan# 2511
 Delta R.T. -0.029 min
 Lab File: BF141553.D
 Acq: 11 Feb 2025 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB166640BS

Tgt Ion:278 Resp: 434973
 Ion Ratio Lower Upper
 278 100
 139 15.3 11.8 17.6
 279 23.9 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 42.778 ng
 RT: 17.280 min Scan# 2582
 Delta R.T. -0.035 min
 Lab File: BF141553.D
 Acq: 11 Feb 2025 11:21

Tgt Ion:276 Resp: 430329
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.6 28.0
 138 19.8 15.9 23.9

