

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141445.D
 Acq On : 05 Feb 2025 14:24
 Operator : RC/JU
 Sample : PB166354BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166354BS

Quant Time: Feb 05 15:10:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	68626	20.000	ng	-0.02
21) Naphthalene-d8	8.075	136	266966	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	145742	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	256036	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	181162	20.000	ng	-0.01
86) Perylene-d12	15.427	264	151994	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	603037	134.903	ng	0.00
7) Phenol-d6	6.434	99	728485	128.105	ng	0.00
23) Nitrobenzene-d5	7.351	82	490667	96.890	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	212518	159.056	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	913712	96.498	ng	-0.01
79) Terphenyl-d14	12.904	244	1126962	95.935	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	72184	36.717	ng	95
3) Pyridine	3.275	79	182711	38.573	ng	95
4) n-Nitrosodimethylamine	3.222	42	135924	50.232	ng	84
6) Aniline	6.451	93	181890	37.786	ng	# 10
8) 2-Chlorophenol	6.581	128	230490	48.107	ng	96
9) Benzaldehyde	6.340	77	21351	6.482	ng	97
10) Phenol	6.445	94	273520	45.374	ng	# 68
11) bis(2-Chloroethyl)ether	6.528	93	209406	45.306	ng	97
12) 1,3-Dichlorobenzene	6.728	146	241954	45.800	ng	99
13) 1,4-Dichlorobenzene	6.804	146	248016	46.733	ng	99
14) 1,2-Dichlorobenzene	6.957	146	235419	47.373	ng	98
15) Benzyl Alcohol	6.934	79	203135	52.271	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	354485	44.105	ng	67
17) 2-Methylphenol	7.051	107	178277	45.782	ng	# 90
18) Hexachloroethane	7.298	117	95800	48.932	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	161029	47.656	ng	99
20) 3+4-Methylphenols	7.204	107	230609	48.232	ng	94
22) Acetophenone	7.198	105	319022	50.273	ng	98
24) Nitrobenzene	7.375	77	246578	46.985	ng	100
25) Isophorone	7.610	82	424353	48.476	ng	98
26) 2-Nitrophenol	7.686	139	121983	49.285	ng	90
27) 2,4-Dimethylphenol	7.734	122	169936	53.942	ng	95
28) bis(2-Chloroethoxy)met...	7.822	93	257162	46.055	ng	99
29) 2,4-Dichlorophenol	7.939	162	187988	48.743	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	205216	46.593	ng	99
31) Naphthalene	8.092	128	671445	47.610	ng	100
32) Benzoic acid	7.857	122	136775	47.228	ng	97
33) 4-Chloroaniline	8.145	127	98370	20.569	ng	99
34) Hexachlorobutadiene	8.210	225	128349	49.691	ng	99
35) Caprolactam	8.510	113	37717	29.945	ng	97
36) 4-Chloro-3-methylphenol	8.639	107	211551	51.138	ng	96
37) 2-Methylnaphthalene	8.786	142	440350	49.126	ng	100
38) 1-Methylnaphthalene	8.886	142	406509	46.167	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	203886	49.174	ng	98
41) Hexachlorocyclopentadiene	8.939	237	231393	188.971	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	136431	50.272	ng	99

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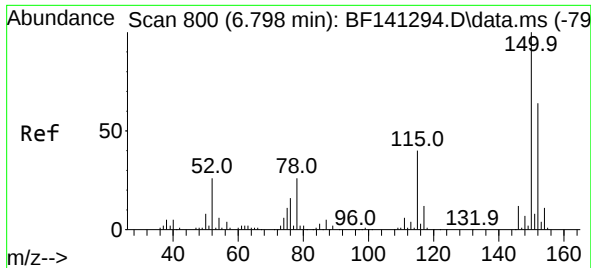
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	147177	49.828	ng	99
46) 1,1'-Biphenyl	9.251	154	544215	47.880	ng	98
47) 2-Chloronaphthalene	9.275	162	408580	46.119	ng	99
48) 2-Nitroaniline	9.375	65	144841	51.978	ng	96
49) Acenaphthylene	9.692	152	640514	51.649	ng	100
50) Dimethylphthalate	9.557	163	493851	50.171	ng	100
51) 2,6-Dinitrotoluene	9.616	165	110779	48.470	ng	96
52) Acenaphthene	9.863	154	424511	47.915	ng	98
53) 3-Nitroaniline	9.786	138	64793	28.925	ng	100
54) 2,4-Dinitrophenol	9.898	184	124538	117.220	ng	92
55) Dibenzofuran	10.033	168	587088	49.506	ng	96
56) 4-Nitrophenol	9.963	139	174985	106.813	ng	87
57) 2,4-Dinitrotoluene	10.022	165	154900	52.347	ng	93
58) Fluorene	10.380	166	466233	50.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	130376	56.106	ng	98
60) Diethylphthalate	10.257	149	493211	51.676	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	225742	50.239	ng	95
62) 4-Nitroaniline	10.404	138	112592	51.125	ng	90
63) Azobenzene	10.533	77	473769	49.591	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	89105	58.837	ng	99
66) n-Nitrosodiphenylamine	10.492	169	413491	49.932	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	141597	49.399	ng	100
68) Hexachlorobenzene	10.927	284	151314	49.765	ng	99
69) Atrazine	11.022	200	147341	53.215	ng	98
70) Pentachlorophenol	11.127	266	185211	104.023	ng	100
71) Phenanthrene	11.345	178	719596	52.285	ng	99
72) Anthracene	11.392	178	741186	54.963	ng	99
73) Carbazole	11.551	167	640285	53.546	ng	99
74) Di-n-butylphthalate	11.880	149	764248	52.738	ng	99
75) Fluoranthene	12.533	202	778134	57.260	ng	97
77) Benzidine	12.657	184	169088	29.114	ng	99
78) Pyrene	12.763	202	800870	46.054	ng	100
80) Butylbenzylphthalate	13.380	149	308931	50.851	ng	99
81) Benzo(a)anthracene	13.951	228	602014	48.156	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	96189	24.192	ng	97
83) Chrysene	13.992	228	584203	50.991	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	392941	50.987	ng	99
85) Di-n-octyl phthalate	14.574	149	595439	49.744	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	490962	50.047	ng	95
88) Benzo(b)fluoranthene	15.010	252	487801	51.021	ng	98
89) Benzo(k)fluoranthene	15.039	252	464002	54.783	ng	98
90) Benzo(a)pyrene	15.368	252	439777	54.432	ng	98
91) Dibenzo(a,h)anthracene	16.892	278	395116	50.062	ng	97
92) Benzo(g,h,i)perylene	17.309	276	365041	44.481	ng #	94

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

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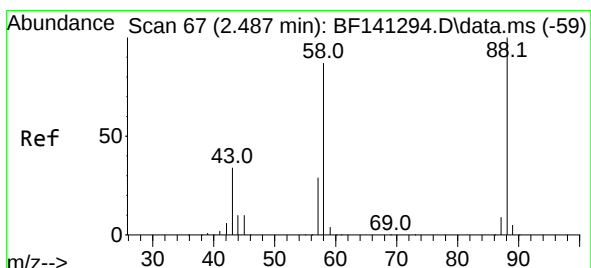
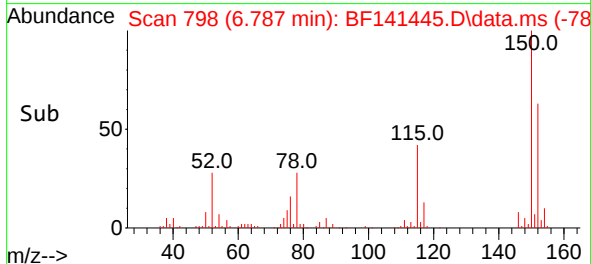
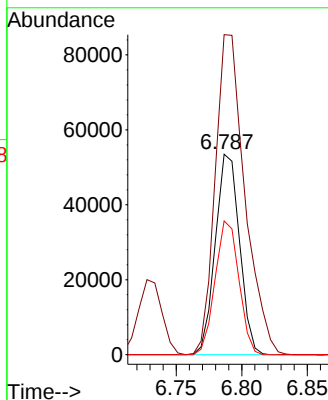
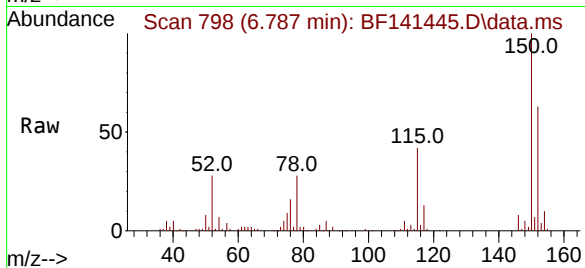




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.017 min
 Lab File: BF141445.D
 Acq: 05 Feb 2025 14:24

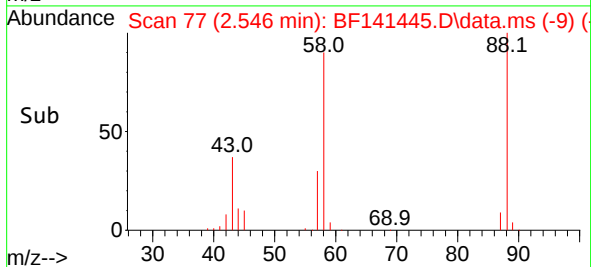
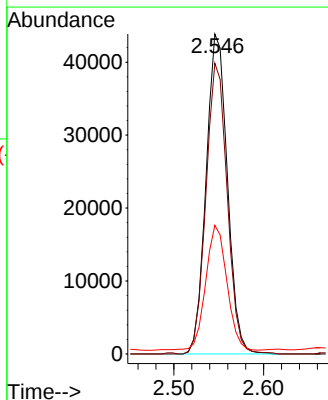
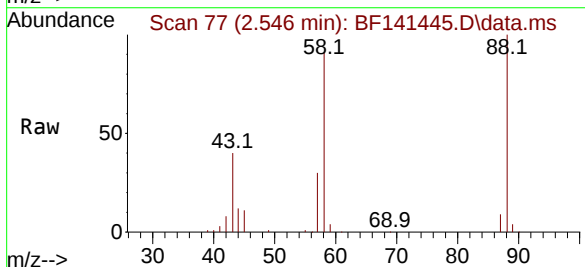
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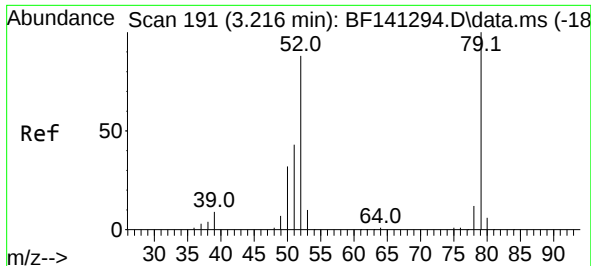
Tgt Ion:152 Resp: 68626
 Ion Ratio Lower Upper
 152 100
 150 159.6 125.9 188.9
 115 66.7 49.7 74.5



#2
 1,4-Dioxane
 Concen: 36.717 ng
 RT: 2.546 min Scan# 77
 Delta R.T. 0.053 min
 Lab File: BF141445.D
 Acq: 05 Feb 2025 14:24

Tgt Ion: 88 Resp: 72184
 Ion Ratio Lower Upper
 88 100
 58 90.9 70.2 105.4
 43 39.1 27.6 41.4





#3

Pyridine

Concen: 38.573 ng

RT: 3.275 min Scan# 201

Delta R.T. 0.047 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB166354BS

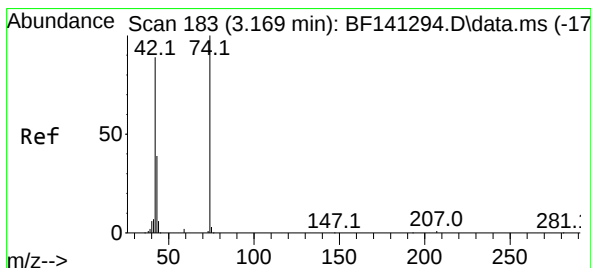
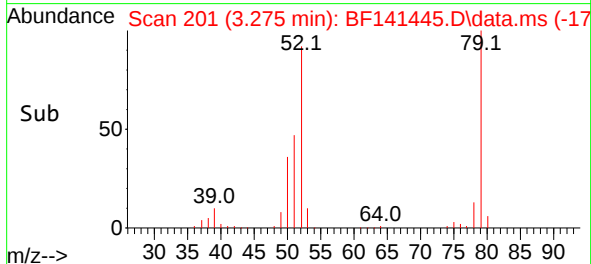
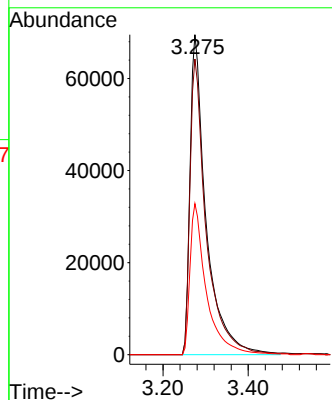
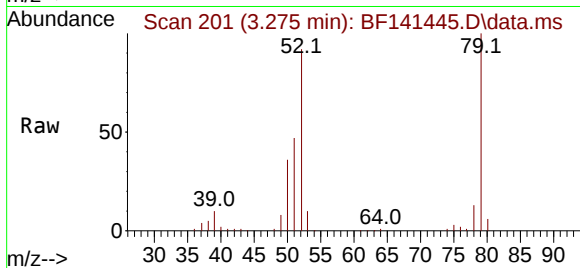
Tgt Ion: 79 Resp: 182711

Ion Ratio Lower Upper

79 100

52 92.4 70.3 105.5

51 47.2 34.3 51.5



#4

n-Nitrosodimethylamine

Concen: 50.232 ng

RT: 3.222 min Scan# 192

Delta R.T. 0.023 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

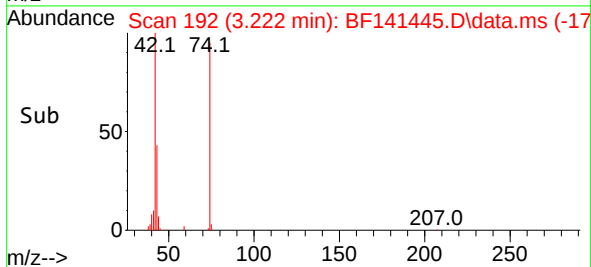
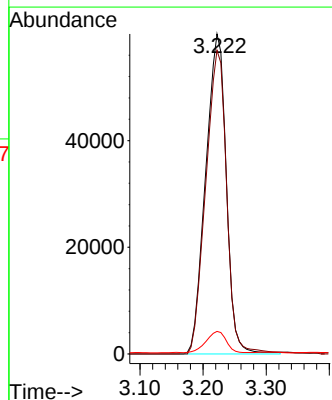
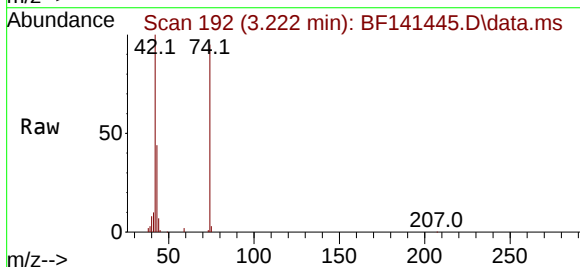
Tgt Ion: 42 Resp: 135924

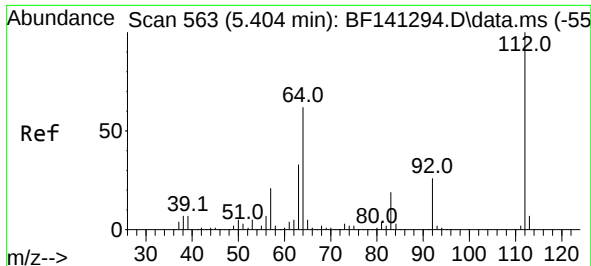
Ion Ratio Lower Upper

42 100

74 94.9 90.3 135.5

44 7.0 5.7 8.5

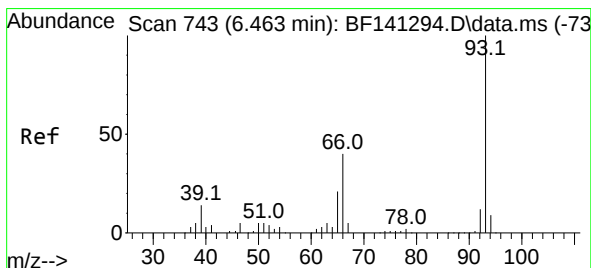
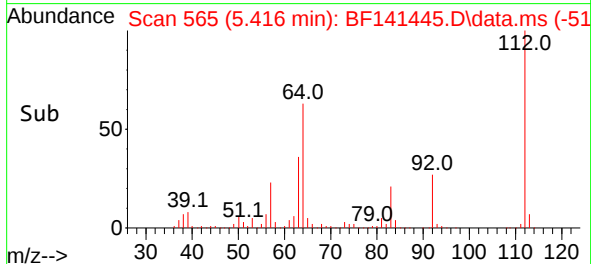
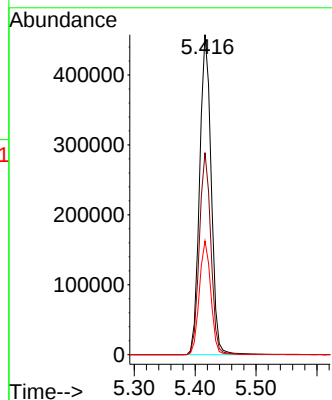
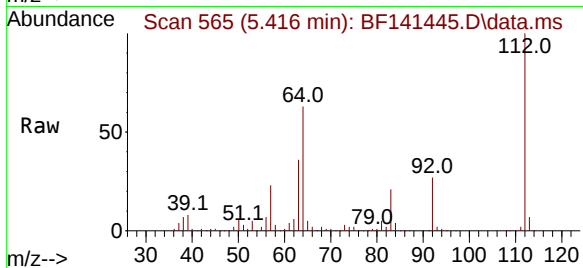




#5
2-Fluorophenol
Concen: 134.903 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

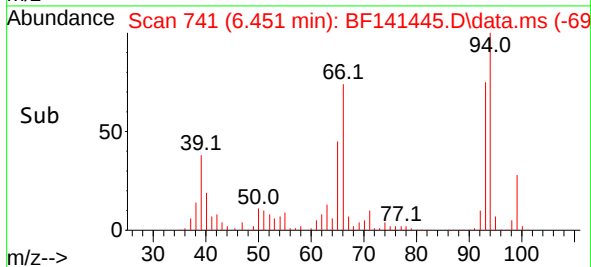
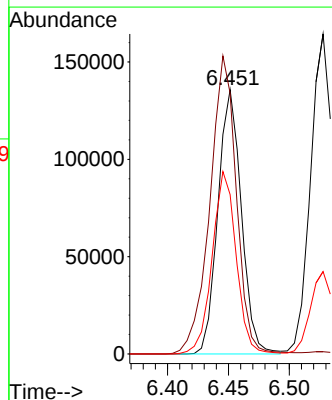
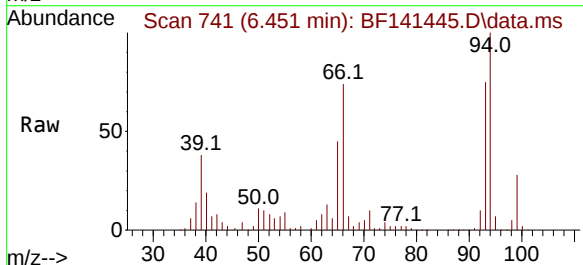
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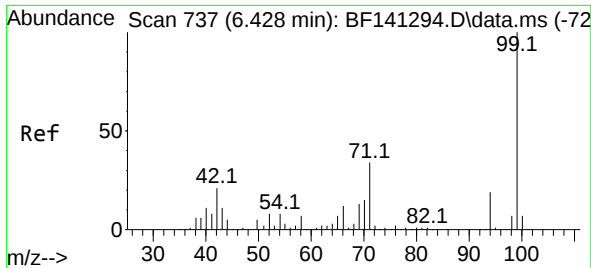
Tgt Ion:112 Resp: 603037
Ion Ratio Lower Upper
112 100
64 63.2 49.8 74.8
63 35.6 26.1 39.1



#6
Aniline
Concen: 37.786 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion: 93 Resp: 181890
Ion Ratio Lower Upper
93 100
66 98.6 32.5 48.7#
65 60.3 17.0 25.6#





#7

Phenol-d6

Concen: 128.105 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB166354BS

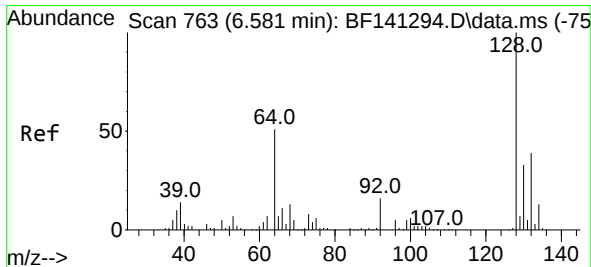
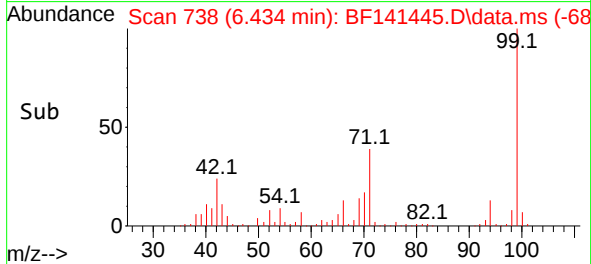
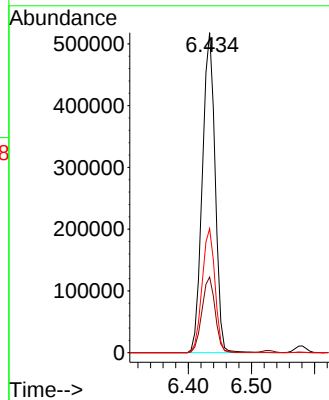
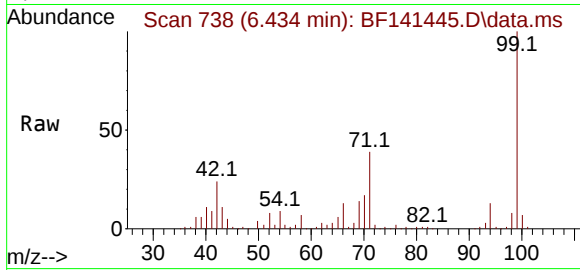
Tgt Ion: 99 Resp: 728485

Ion Ratio Lower Upper

99 100

42 23.7 17.1 25.7

71 38.7 26.9 40.3



#8

2-Chlorophenol

Concen: 48.107 ng

RT: 6.581 min Scan# 763

Delta R.T. -0.012 min

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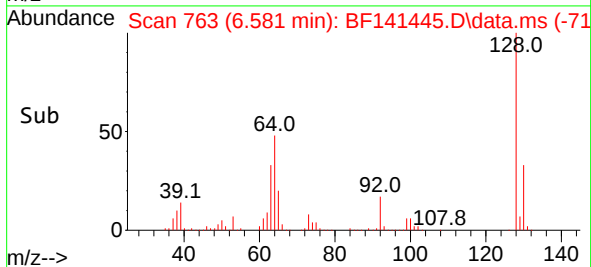
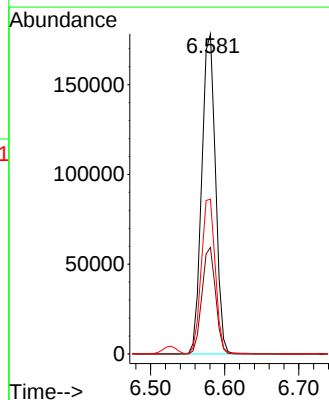
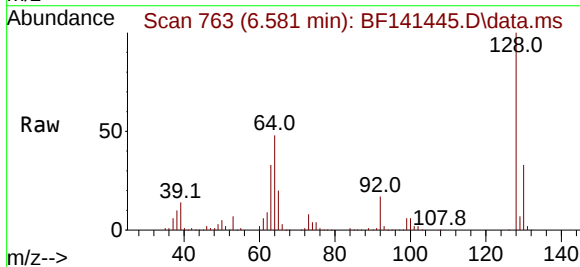
Tgt Ion:128 Resp: 230490

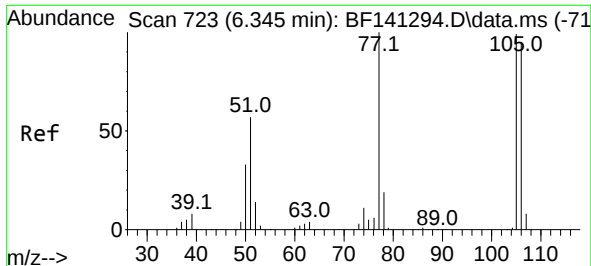
Ion Ratio Lower Upper

128 100

130 33.3 12.5 52.5

64 48.4 32.9 72.9

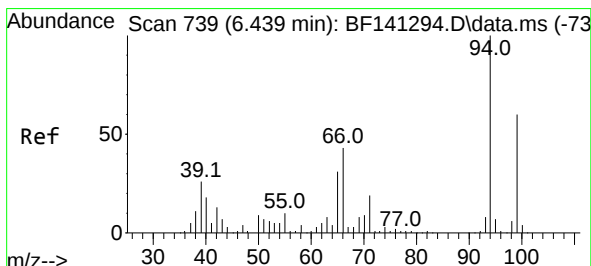
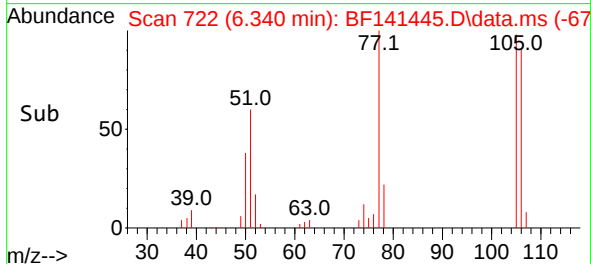
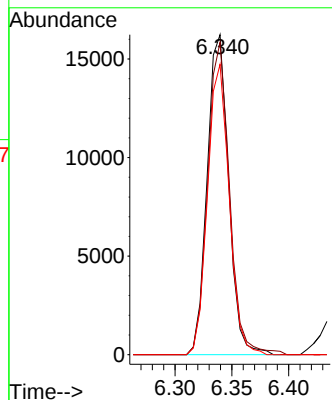
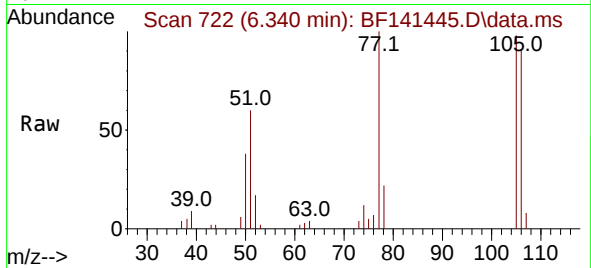




#9
Benzaldehyde
Concen: 6.482 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141445.D
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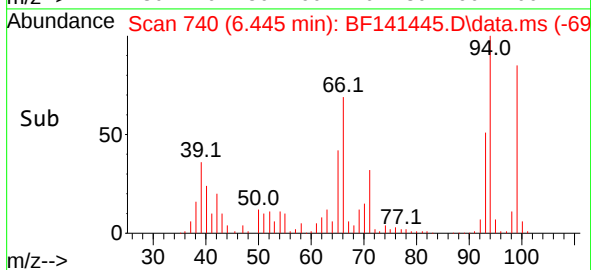
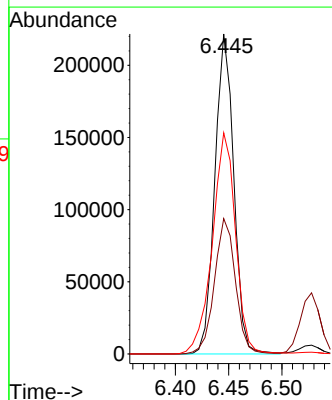
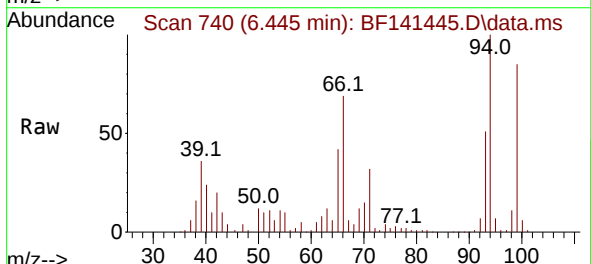
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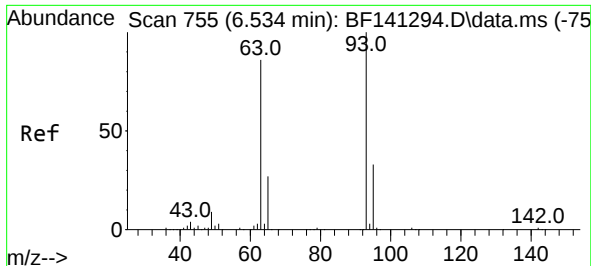
Tgt Ion: 77 Resp: 21351
Ion Ratio Lower Upper
77 100
105 97.6 79.4 119.4
106 90.7 74.6 114.6



#10
Phenol
Concen: 45.374 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion: 94 Resp: 273520
Ion Ratio Lower Upper
94 100
65 42.3 10.8 50.8
66 69.1 23.3 63.3#





#11

bis(2-Chloroethyl)ether

Concen: 45.306 ng

RT: 6.528 min Scan# 755

Delta R.T. -0.018 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB166354BS

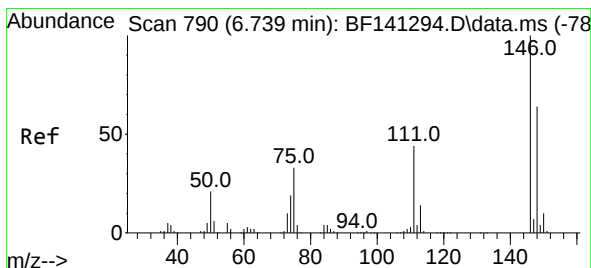
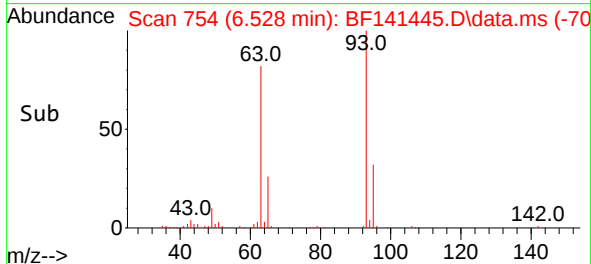
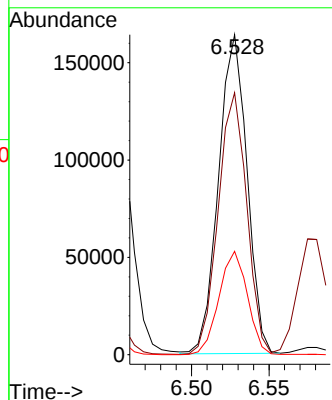
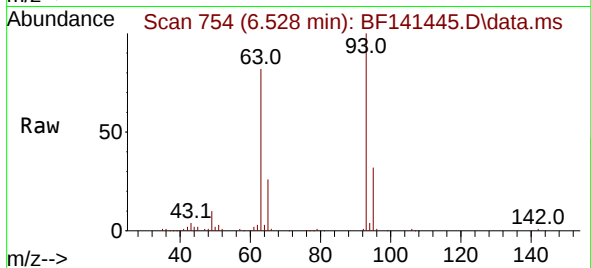
Tgt Ion: 93 Resp: 209406

Ion Ratio Lower Upper

93 100

63 81.9 65.0 105.0

95 32.3 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 45.800 ng

RT: 6.728 min Scan# 788

Delta R.T. -0.018 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

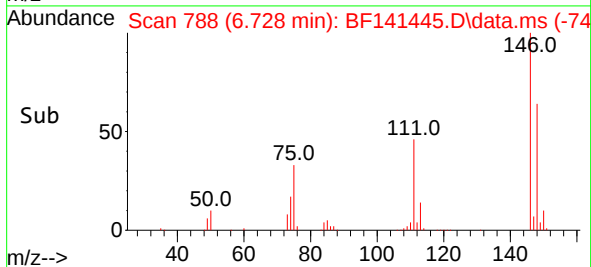
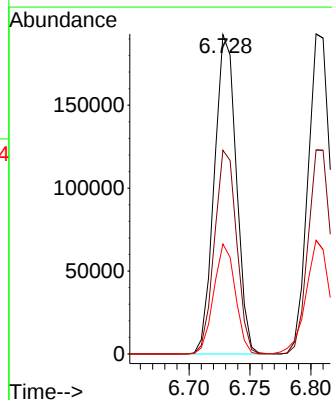
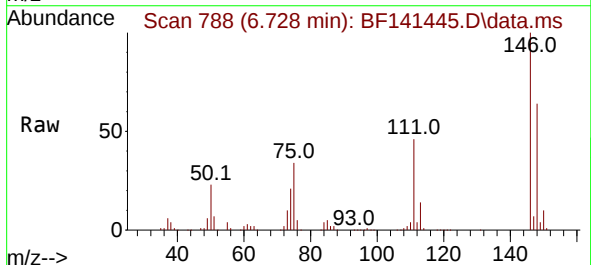
Tgt Ion: 146 Resp: 241954

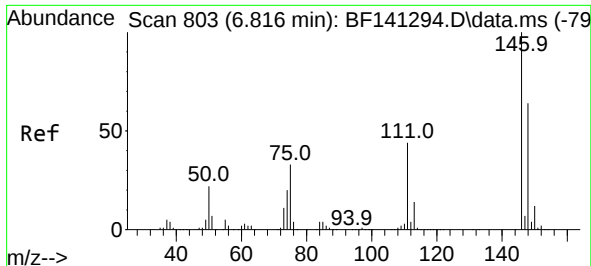
Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

75 34.4 26.2 39.4

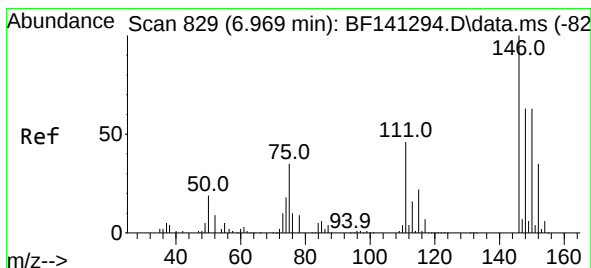
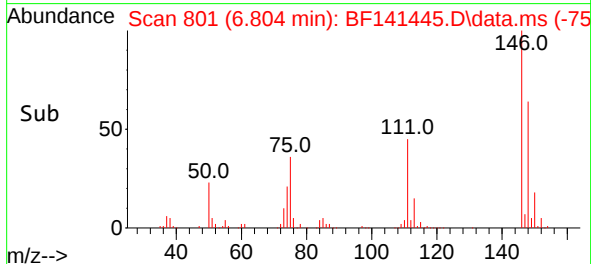
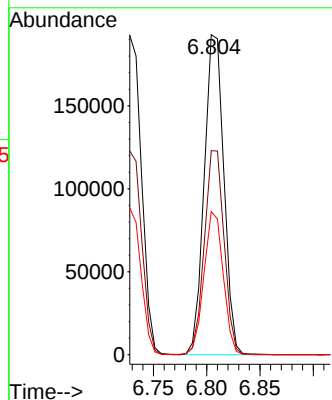
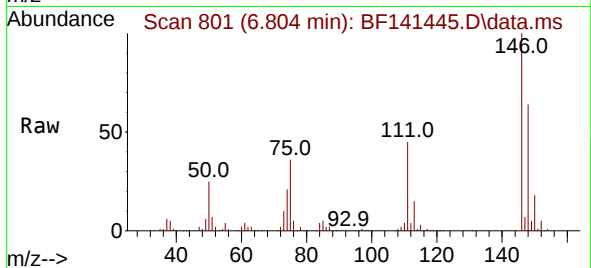




#13
1,4-Dichlorobenzene
Concen: 46.733 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.018 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

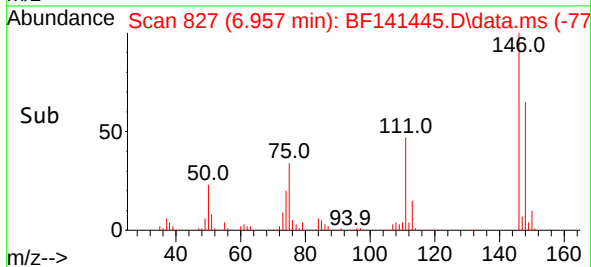
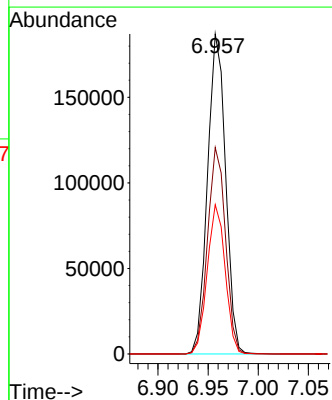
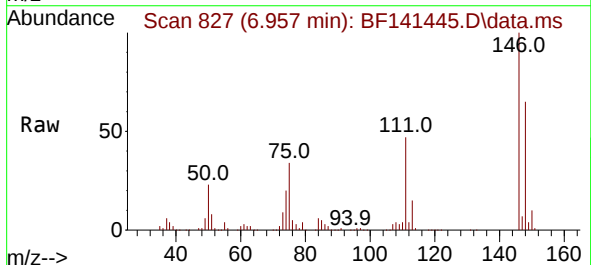
Instrument :
BNA_F
ClientSampleId :
PB166354BS

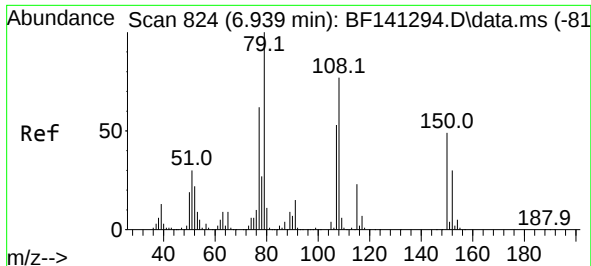
Tgt Ion:146 Resp: 248016
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
111 44.7 35.0 52.4



#14
1,2-Dichlorobenzene
Concen: 47.373 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.018 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion:146 Resp: 235419
Ion Ratio Lower Upper
146 100
148 64.5 50.5 75.7
111 46.6 36.6 55.0

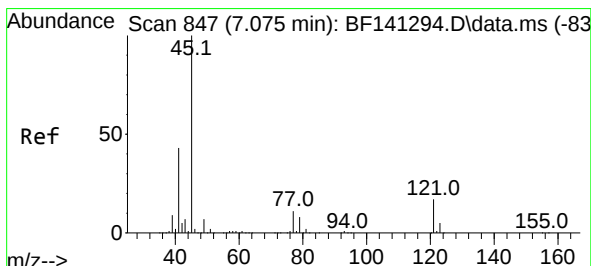
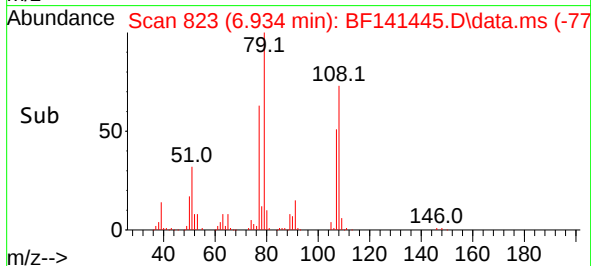
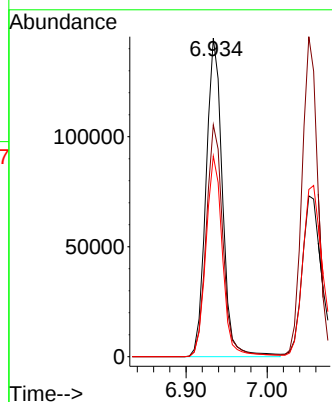
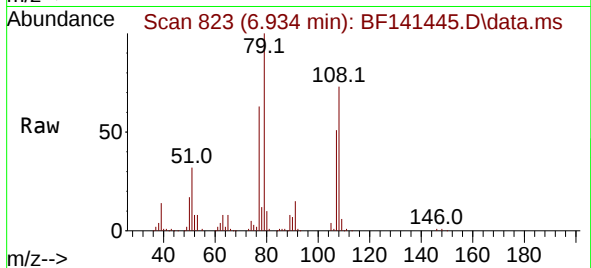




#15
Benzyl Alcohol
Concen: 52.271 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

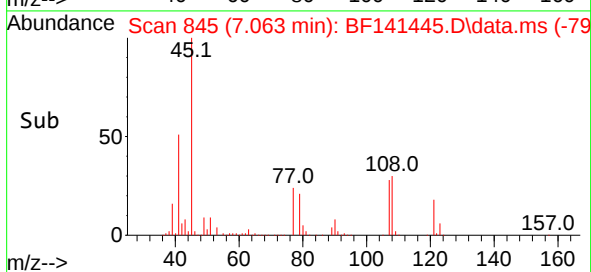
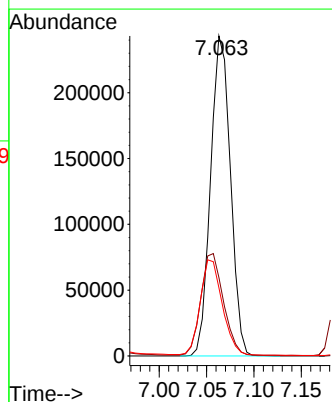
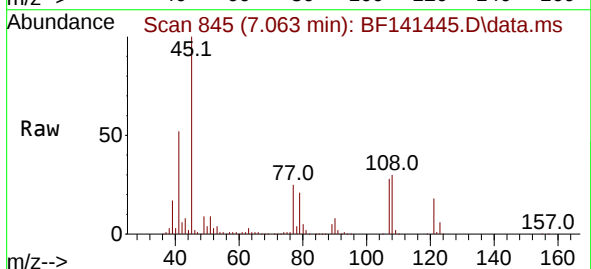
Instrument :
BNA_F
ClientSampleId :
PB166354BS

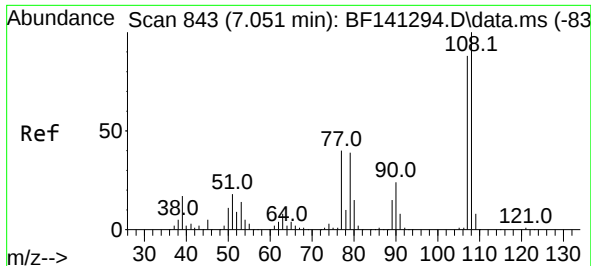
Tgt Ion: 79 Resp: 203135
Ion Ratio Lower Upper
79 100
108 72.8 61.4 92.0
77 63.0 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.105 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion: 45 Resp: 354485
Ion Ratio Lower Upper
45 100
77 24.5 0.0 31.8
79 21.3 0.0 29.1

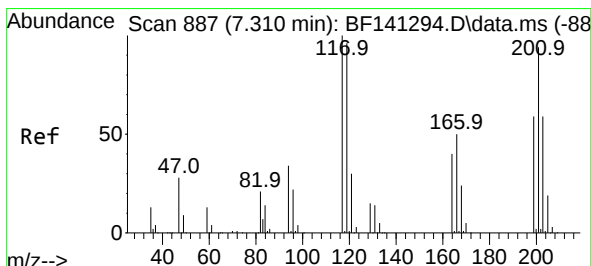
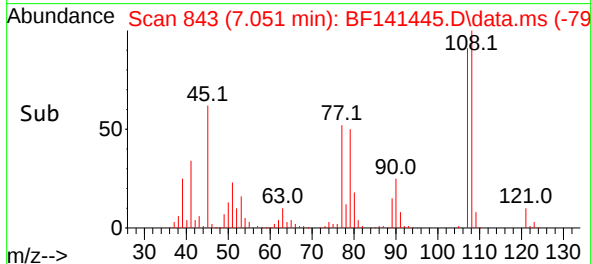
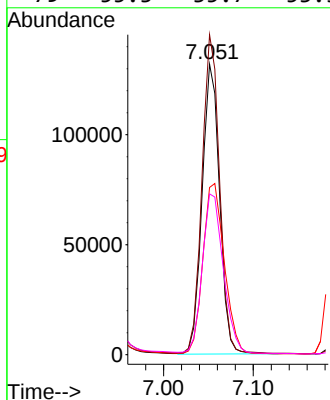
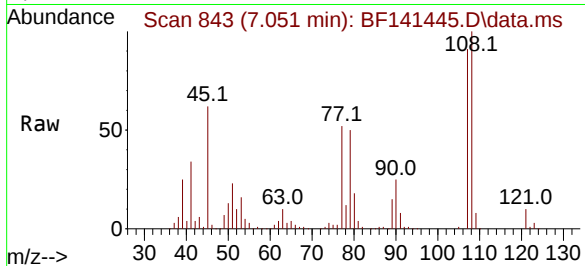




#17
2-Methylphenol
Concen: 45.782 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

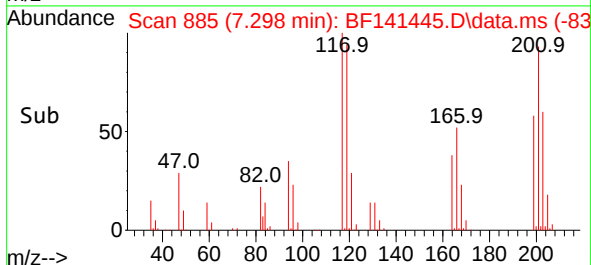
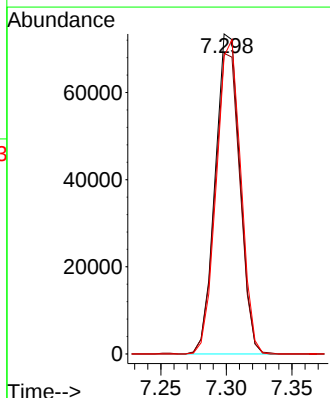
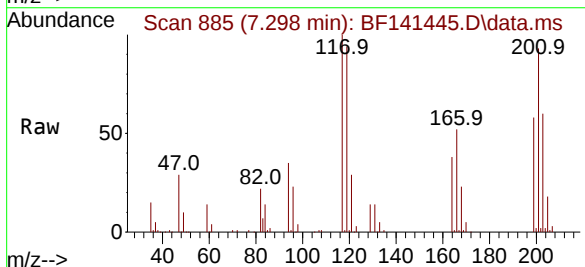
Instrument :
BNA_F
ClientSampleId :
PB166354BS

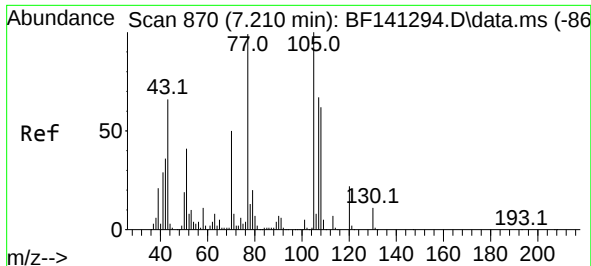
Tgt Ion:107 Resp: 178277
Ion Ratio Lower Upper
107 100
108 110.1 90.8 136.2
77 57.5 36.2 54.4#
79 55.3 35.7 53.5#



#18
Hexachloroethane
Concen: 48.932 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion:117 Resp: 95800
Ion Ratio Lower Upper
117 100
119 94.0 76.6 114.8
201 93.0 74.8 112.2



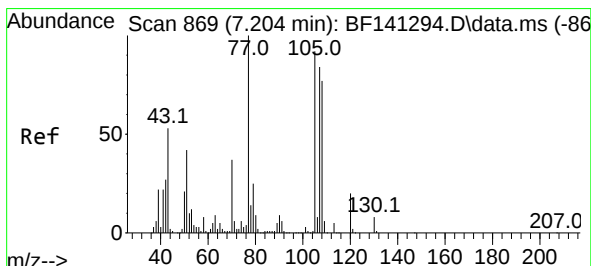
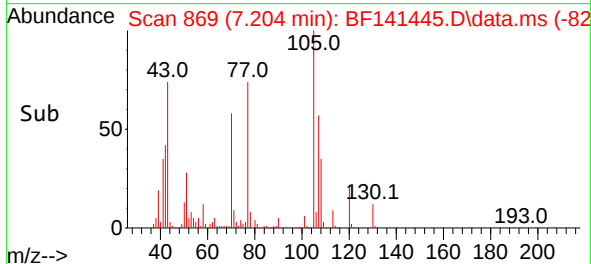
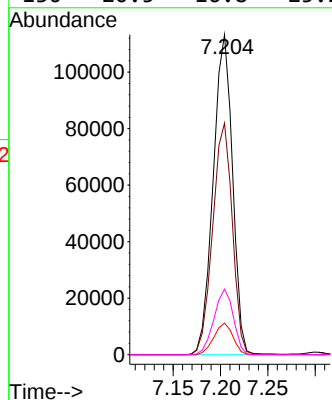
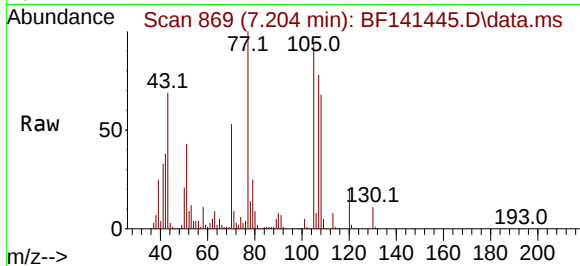


#19
n-Nitroso-di-n-propylamine
Concen: 47.656 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.024 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Instrument :
BNA_F
ClientSampleId :
PB166354BS

Tgt Ion: 70 Resp: 161029

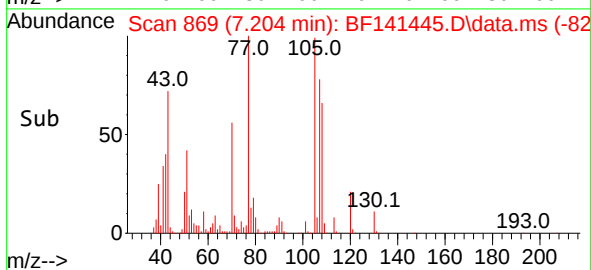
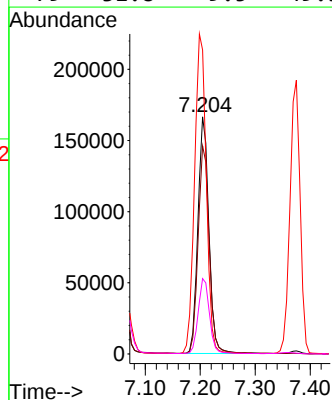
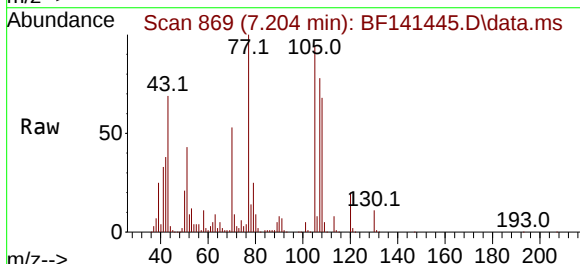
Ion	Ratio	Lower	Upper
70	100		
42	72.4	56.8	85.2
101	9.9	7.7	11.5
130	20.5	16.8	25.2

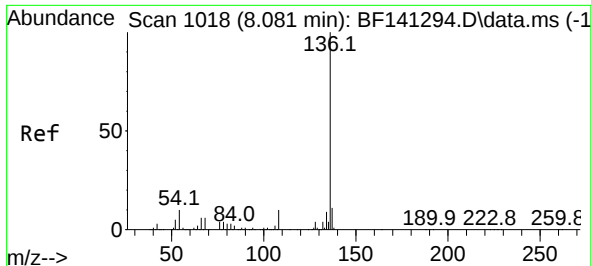


#20
3+4-Methylphenols
Concen: 48.232 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion: 107 Resp: 230609

Ion	Ratio	Lower	Upper
107	100		
108	87.7	70.9	110.9
77	128.2	98.5	138.5
79	31.8	9.5	49.5

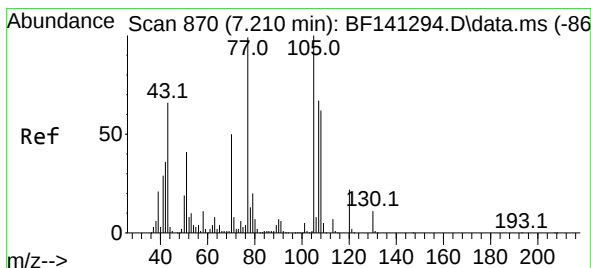
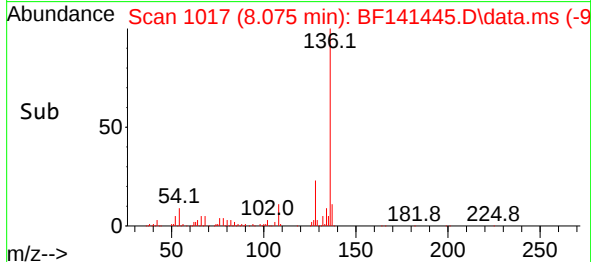
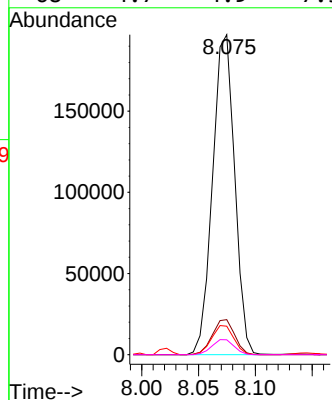
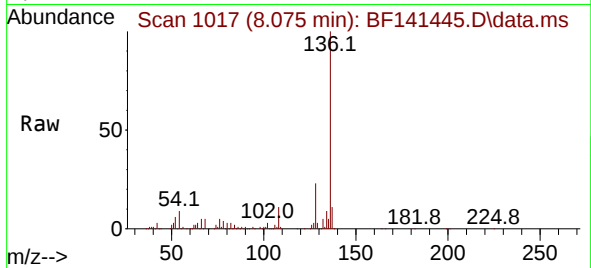




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

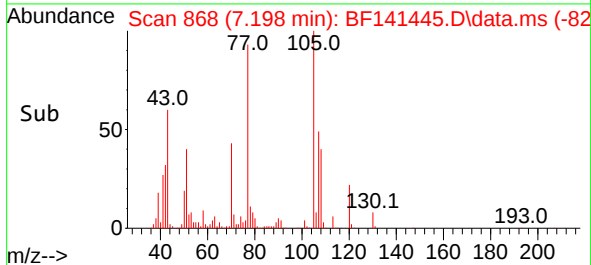
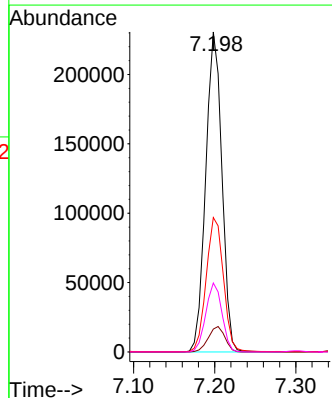
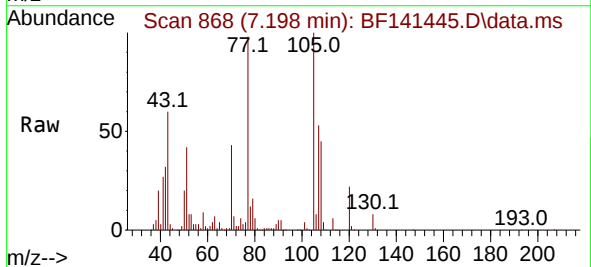
Instrument :
BNA_F
ClientSampleId :
PB166354BS

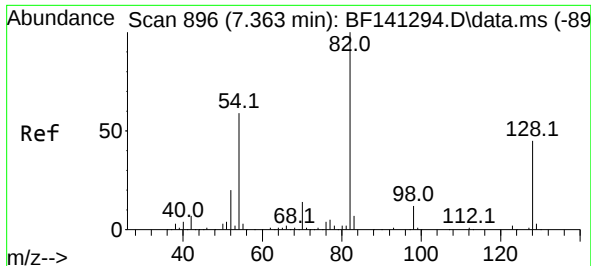
Tgt	Ion:136	Resp:	266966
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.9	7.8	11.8
68	4.7	4.9	7.3#



#22
Acetophenone
Concen: 50.273 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt	Ion:105	Resp:	319022
Ion	Ratio	Lower	Upper
105	100		
71	7.1	6.8	10.2
51	42.0	32.6	49.0
120	21.6	17.4	26.0





#23

Nitrobenzene-d5

Concen: 96.890 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB166354BS

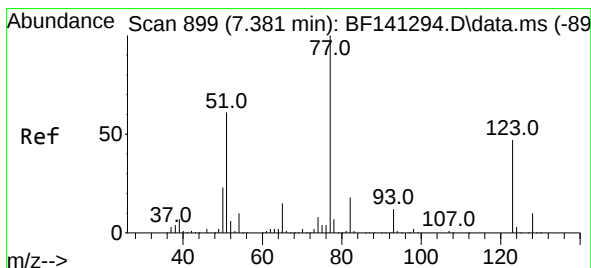
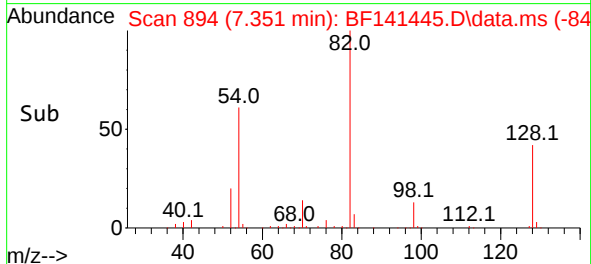
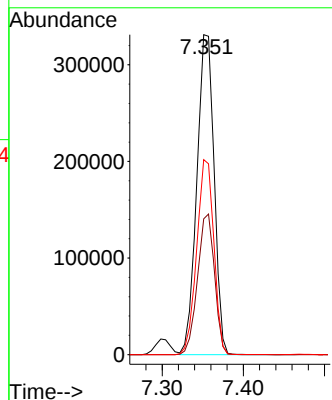
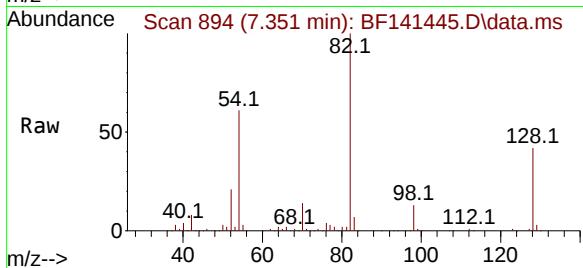
Tgt Ion: 82 Resp: 490667

Ion Ratio Lower Upper

82 100

128 42.5 35.7 53.5

54 60.9 47.1 70.7



#24

Nitrobenzene

Concen: 46.985 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

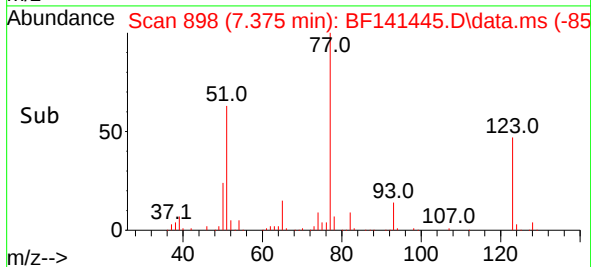
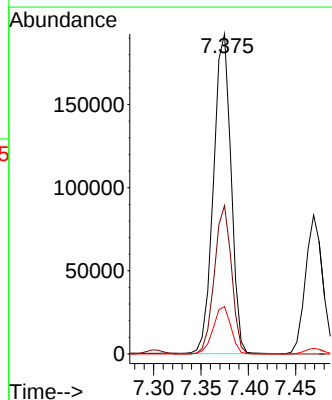
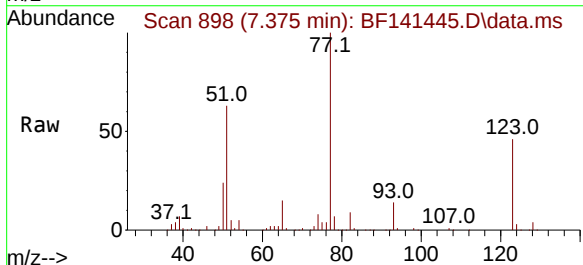
Tgt Ion: 77 Resp: 246578

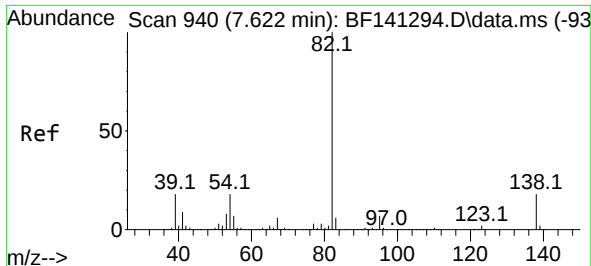
Ion Ratio Lower Upper

77 100

123 46.4 37.3 55.9

65 14.8 11.8 17.6

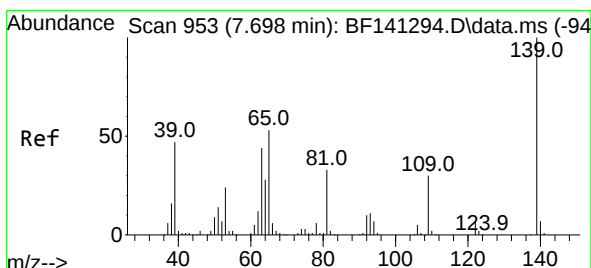
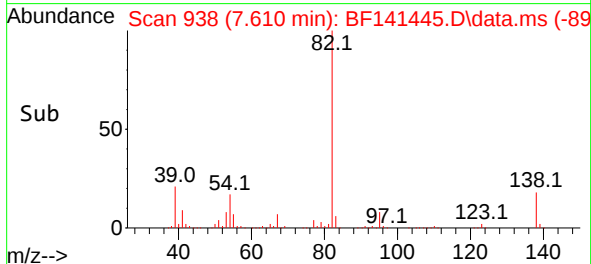
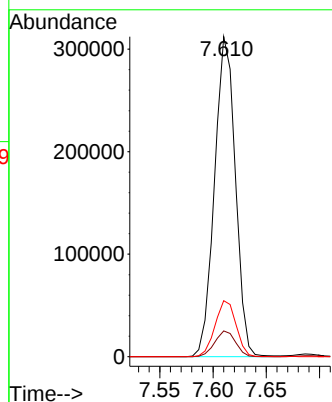
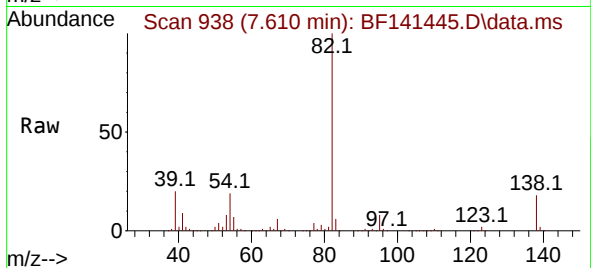




#25
Isophorone
Concen: 48.476 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.018 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

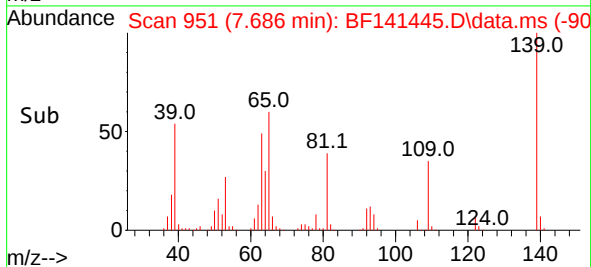
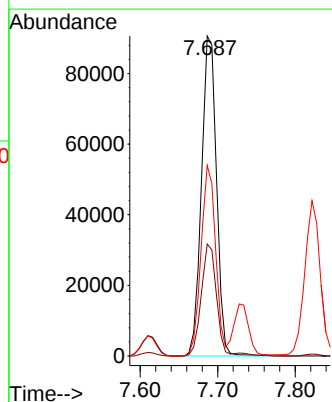
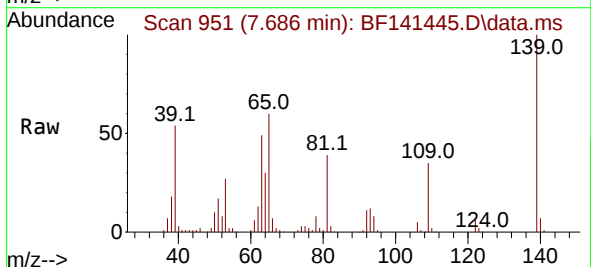
Instrument :
BNA_F
ClientSampleId :
PB166354BS

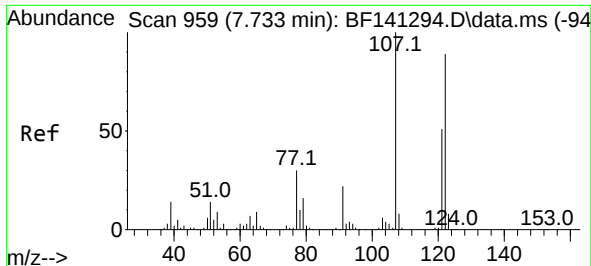
Tgt Ion: 82 Resp: 424353
Ion Ratio Lower Upper
82 100
95 8.0 5.8 8.6
138 17.5 14.7 22.1



#26
2-Nitrophenol
Concen: 49.285 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.018 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion:139 Resp: 121983
Ion Ratio Lower Upper
139 100
109 35.0 23.8 35.6
65 59.6 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 53.942 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB166354BS

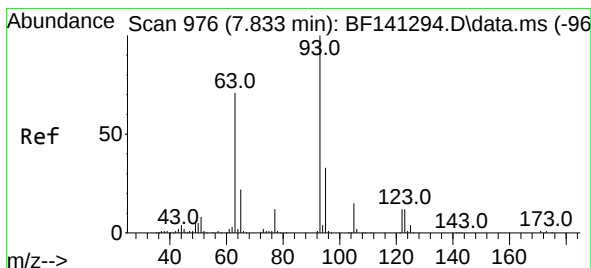
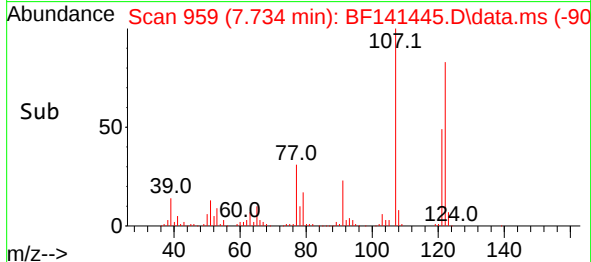
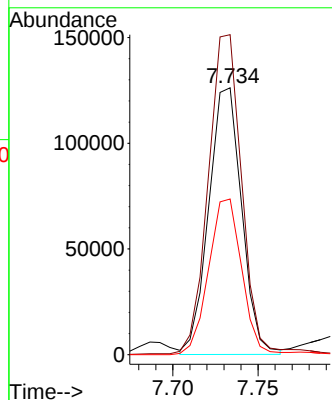
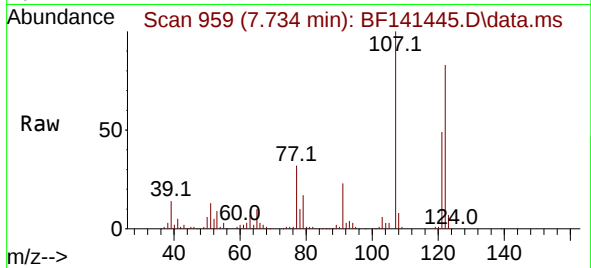
Tgt Ion:122 Resp: 169936

Ion Ratio Lower Upper

122 100

107 119.9 89.9 134.9

121 58.3 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 46.055 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.018 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

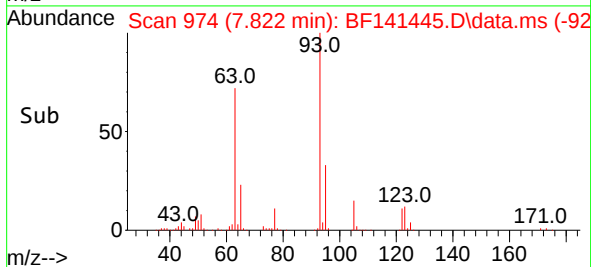
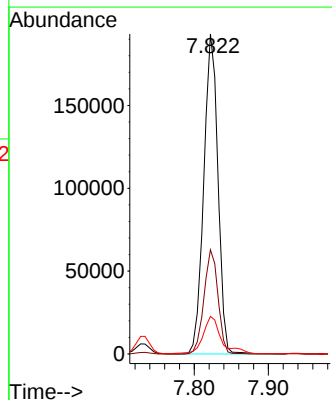
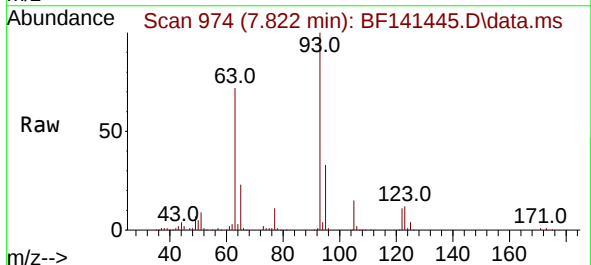
Tgt Ion: 93 Resp: 257162

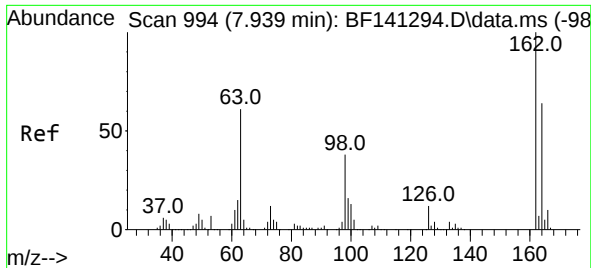
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 11.7 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 48.743 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB166354BS

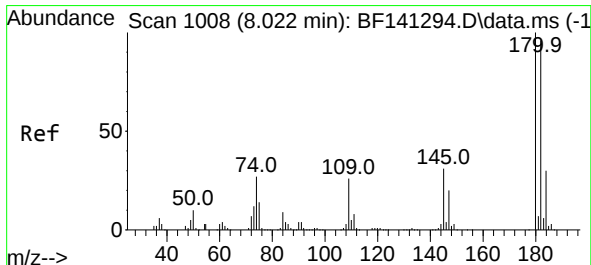
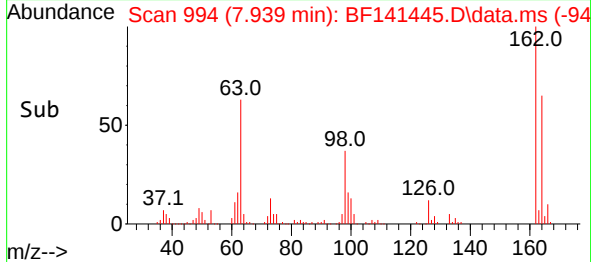
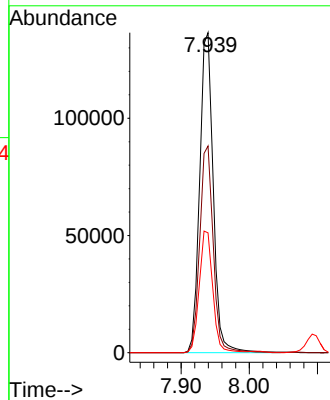
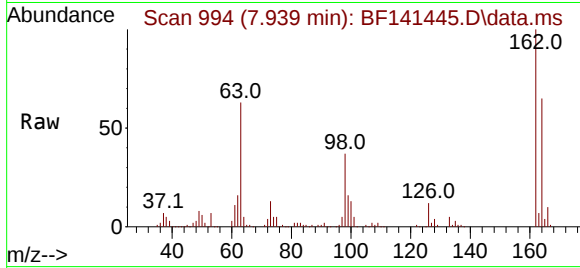
Tgt Ion:162 Resp: 187988

Ion Ratio Lower Upper

162 100

164 64.6 44.2 84.2

98 37.5 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 46.593 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

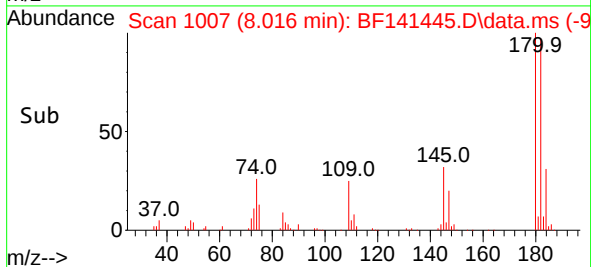
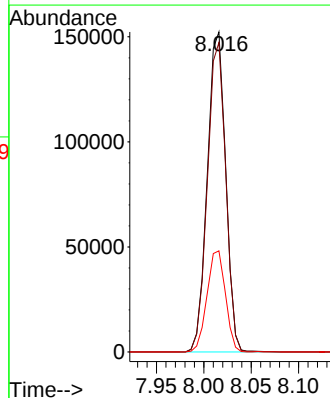
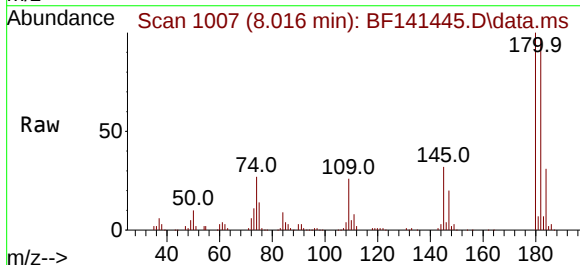
Tgt Ion:180 Resp: 205216

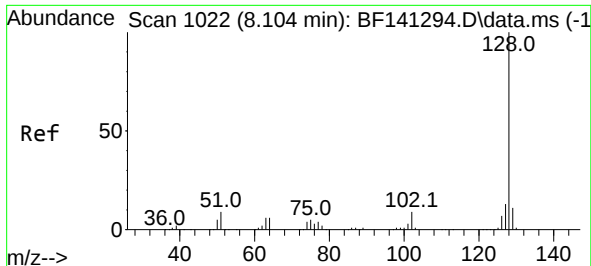
Ion Ratio Lower Upper

180 100

182 96.7 76.4 114.6

145 31.6 24.9 37.3

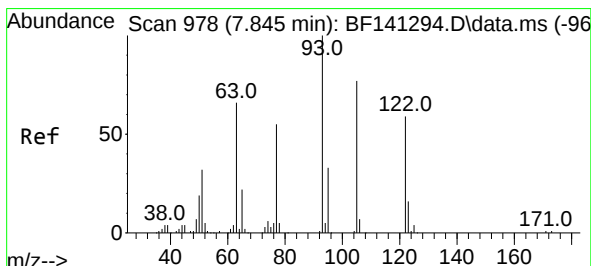
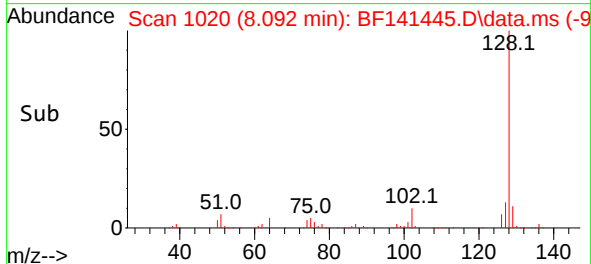
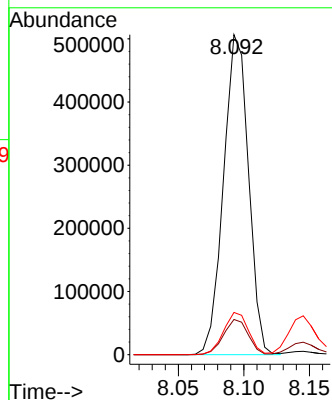
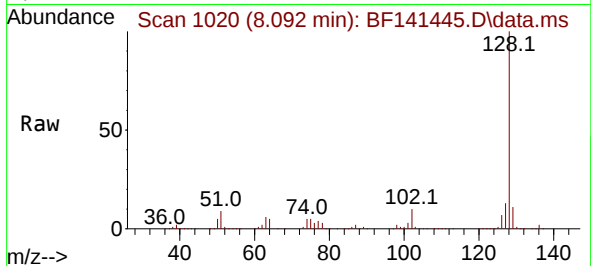




#31
Naphthalene
Concen: 47.610 ng
RT: 8.092 min Scan# 10
Delta R.T. -0.018 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

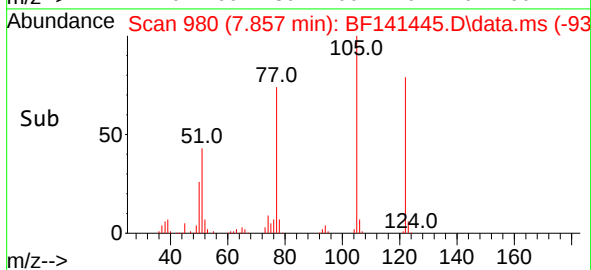
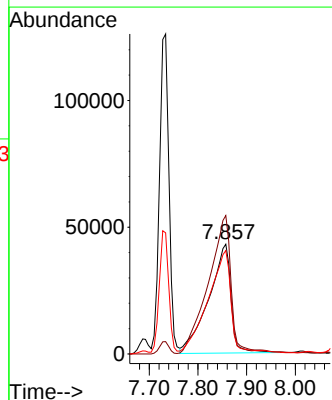
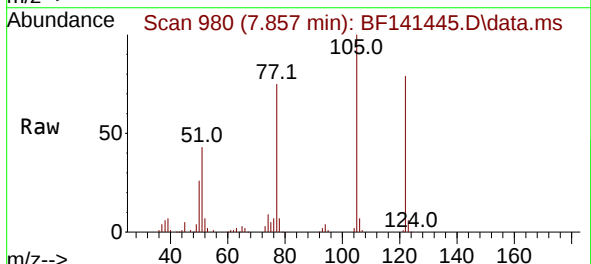
Instrument :
BNA_F
ClientSampleId :
PB166354BS

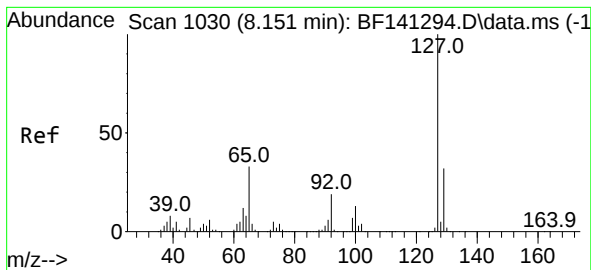
Tgt Ion:128 Resp: 671445
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 47.228 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.024 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion:122 Resp: 136775
Ion Ratio Lower Upper
122 100
105 126.1 103.4 143.4
77 94.1 70.9 110.9





#33

4-Chloroaniline

Concen: 20.569 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB166354BS

Tgt Ion:127 Resp: 98370

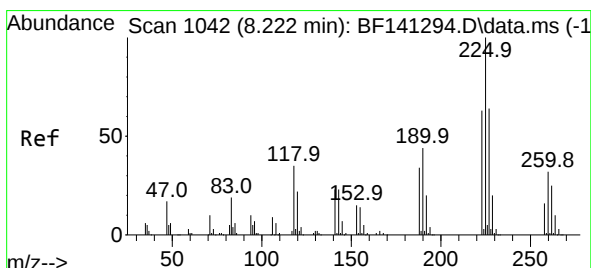
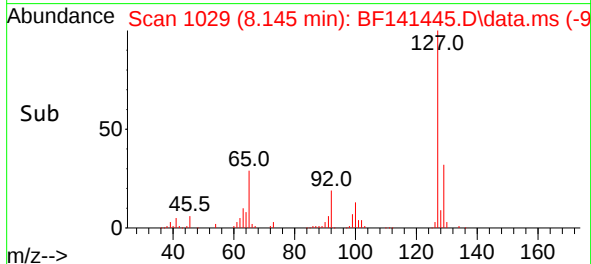
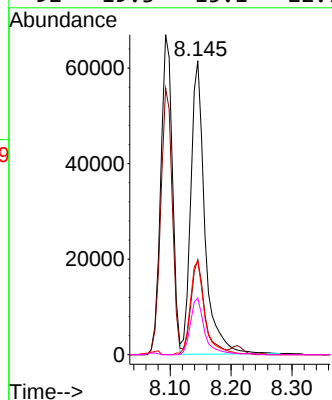
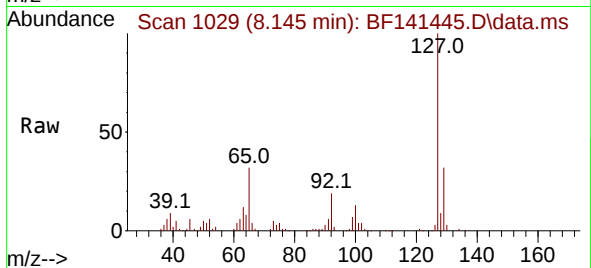
Ion Ratio Lower Upper

127 100

129 32.3 25.7 38.5

65 31.8 26.4 39.6

92 19.3 15.1 22.7



#34

Hexachlorobutadiene

Concen: 49.691 ng

RT: 8.210 min Scan# 1040

Delta R.T. -0.012 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

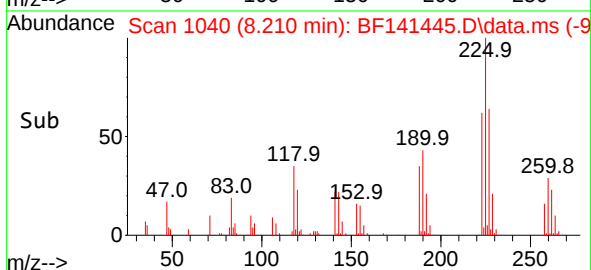
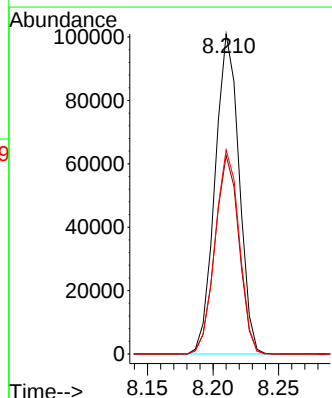
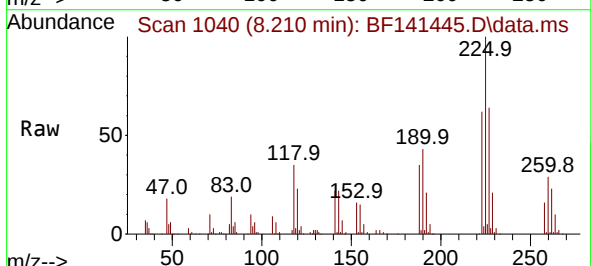
Tgt Ion:225 Resp: 128349

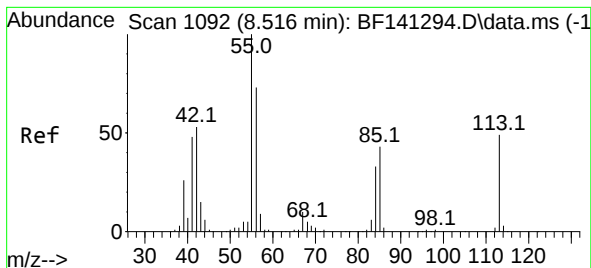
Ion Ratio Lower Upper

225 100

223 62.0 50.4 75.6

227 63.8 51.3 76.9





#35

Caprolactam

Concen: 29.945 ng

RT: 8.510 min Scan# 1109

Delta R.T. -0.035 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB166354BS

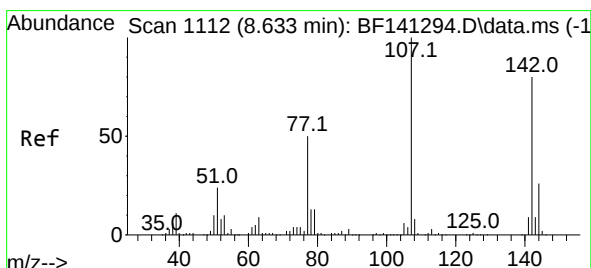
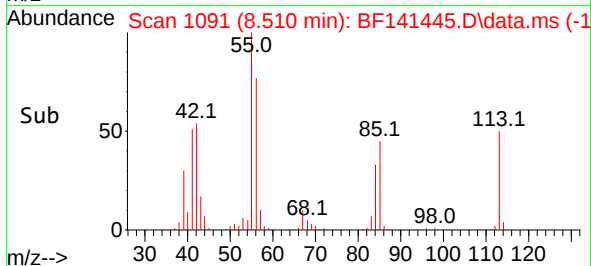
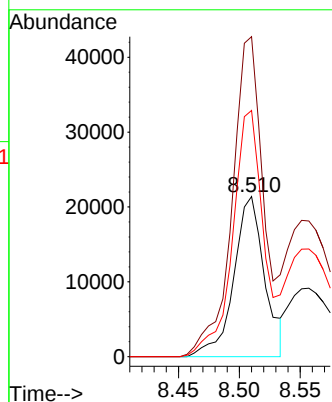
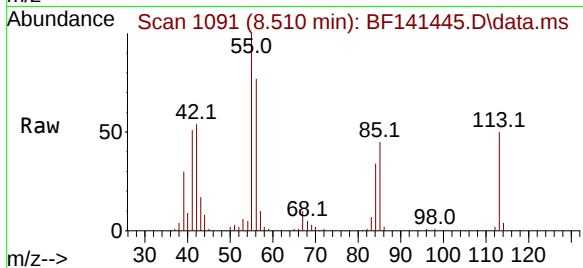
Tgt Ion:113 Resp: 37717

Ion Ratio Lower Upper

113 100

55 199.7 182.9 222.9

56 153.6 127.9 167.9



#36

4-Chloro-3-methylphenol

Concen: 51.138 ng

RT: 8.639 min Scan# 1113

Delta R.T. -0.000 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

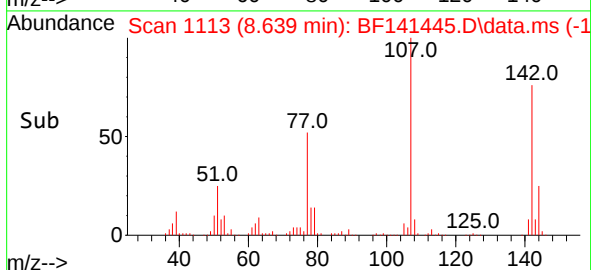
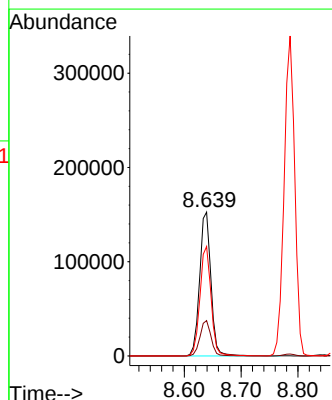
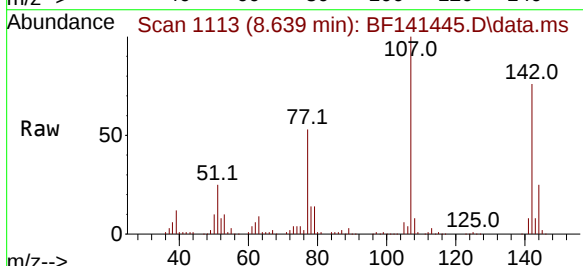
Tgt Ion:107 Resp: 211551

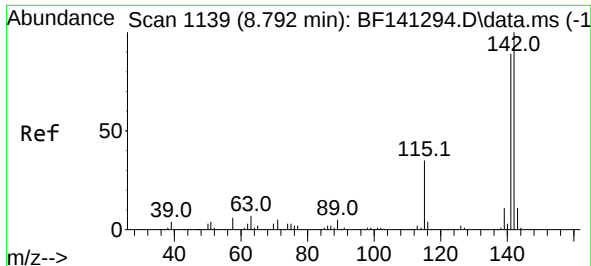
Ion Ratio Lower Upper

107 100

144 24.6 20.7 31.1

142 76.1 63.8 95.8





#37

2-Methylnaphthalene

Concen: 49.126 ng

RT: 8.786 min Scan# 1138

Delta R.T. -0.012 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

Instrument :

BNA_F

ClientSampleId :

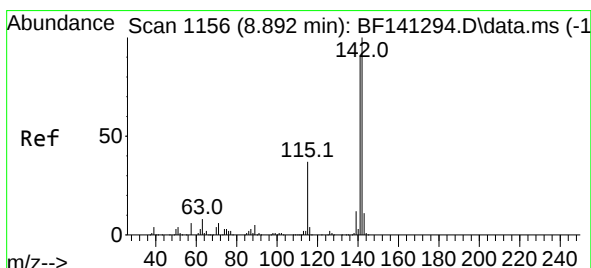
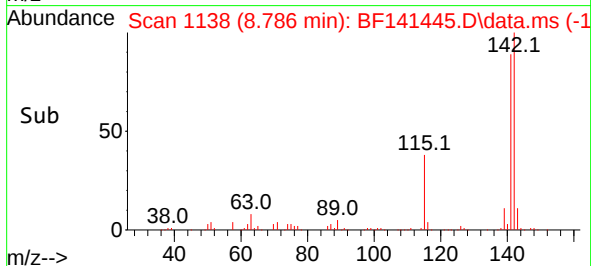
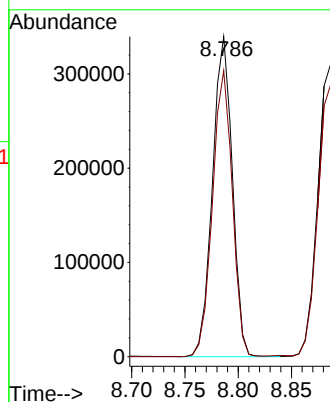
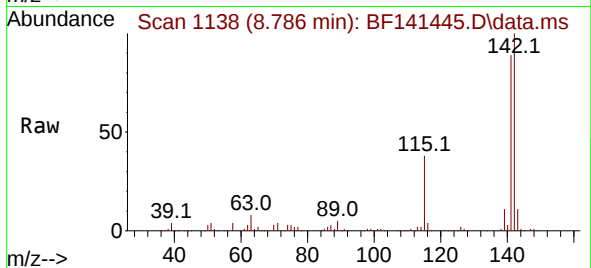
PB166354BS

Tgt Ion:142 Resp: 440350

Ion Ratio Lower Upper

142 100

141 89.3 71.3 106.9



#38

1-Methylnaphthalene

Concen: 46.167 ng

RT: 8.886 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BF141445.D

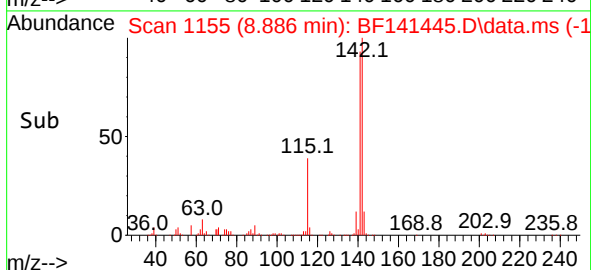
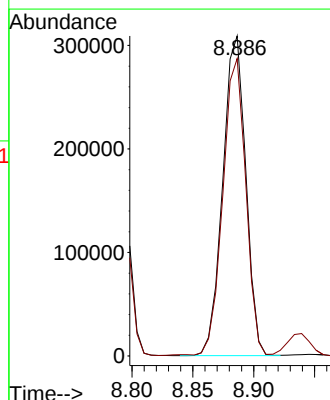
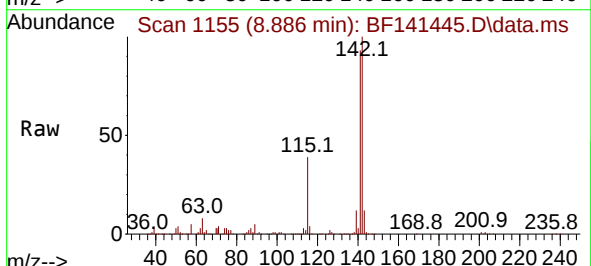
Acq: 05 Feb 2025 14:24

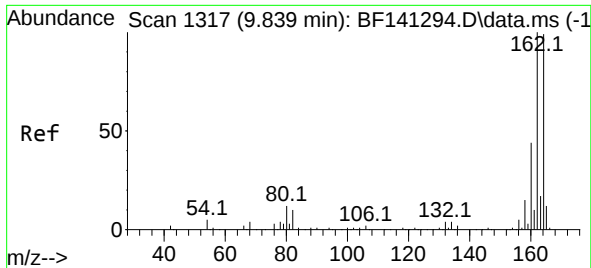
Tgt Ion:142 Resp: 406509

Ion Ratio Lower Upper

142 100

141 92.9 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB166354BS

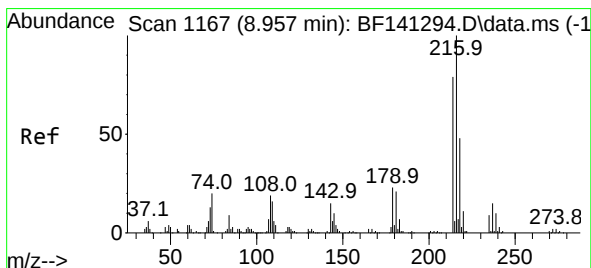
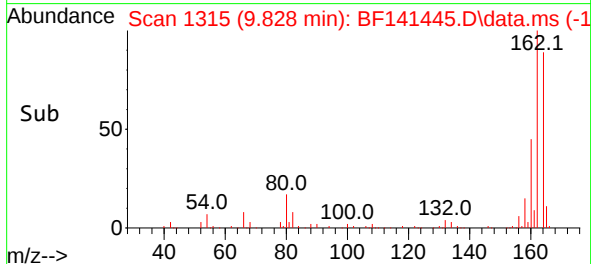
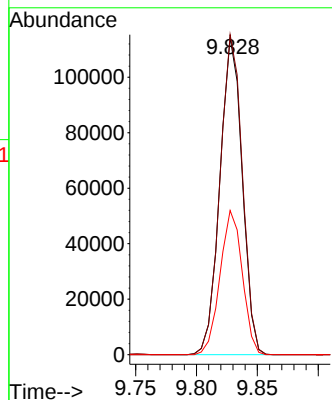
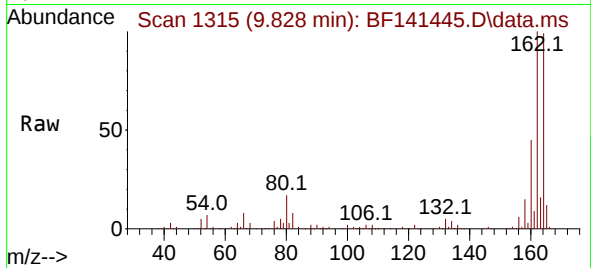
Tgt Ion:164 Resp: 145742

Ion Ratio Lower Upper

164 100

162 100.9 80.6 121.0

160 45.4 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.174 ng

RT: 8.951 min Scan# 1166

Delta R.T. -0.012 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

Tgt Ion:216 Resp: 203886

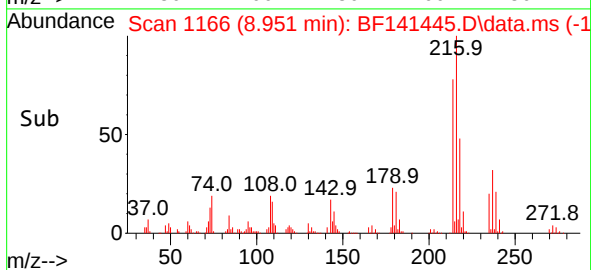
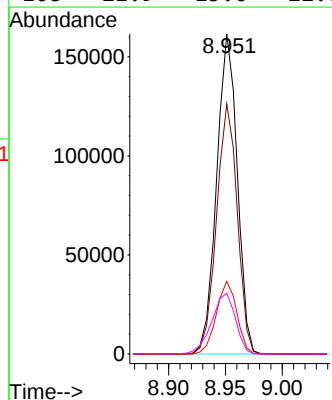
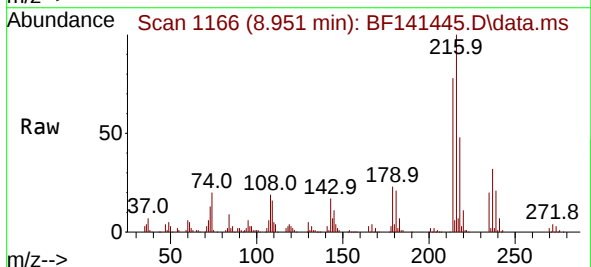
Ion Ratio Lower Upper

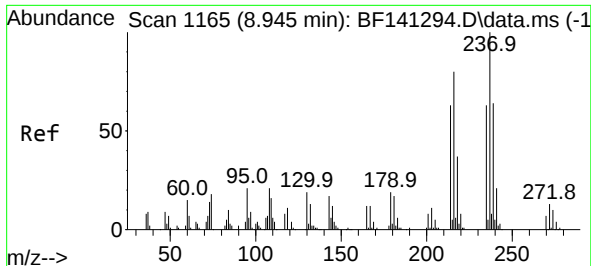
216 100

214 78.4 63.2 94.8

179 22.5 17.8 26.8

108 21.9 15.0 22.6

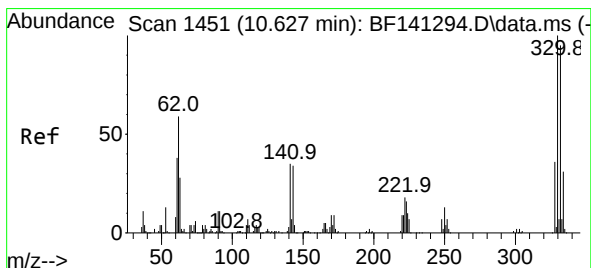
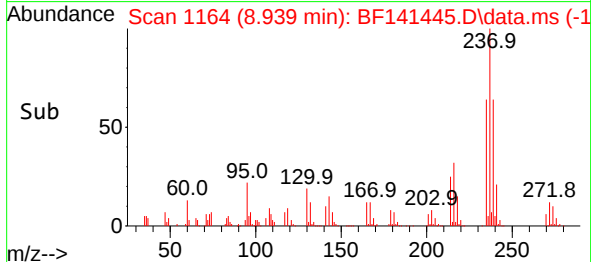
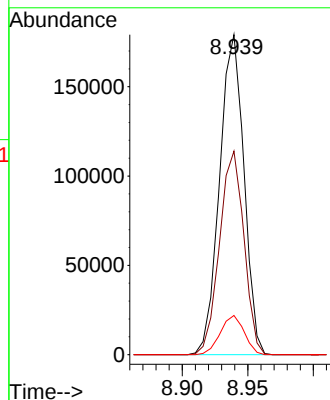
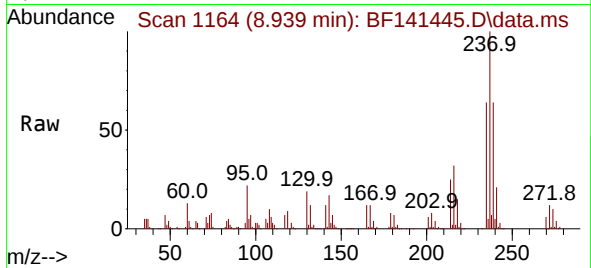




#41
Hexachlorocyclopentadiene
Concen: 188.971 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

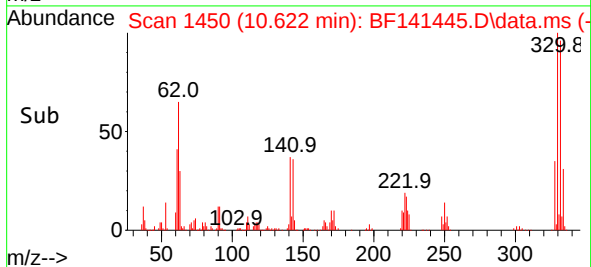
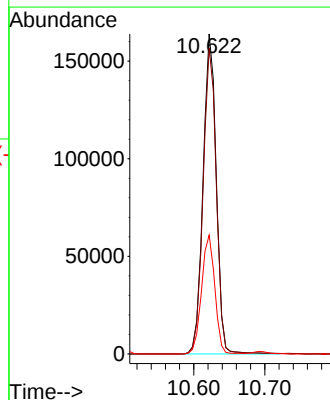
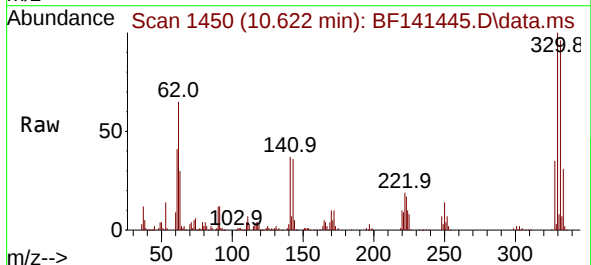
Instrument :
BNA_F
ClientSampleId :
PB166354BS

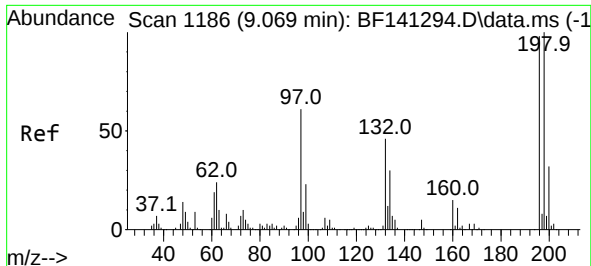
Tgt Ion:237 Resp: 231393
Ion Ratio Lower Upper
237 100
235 63.6 42.9 82.9
272 12.2 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 159.056 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion:330 Resp: 212518
Ion Ratio Lower Upper
330 100
332 95.7 76.1 114.1
141 37.2 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 50.272 ng

RT: 9.069 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB166354BS

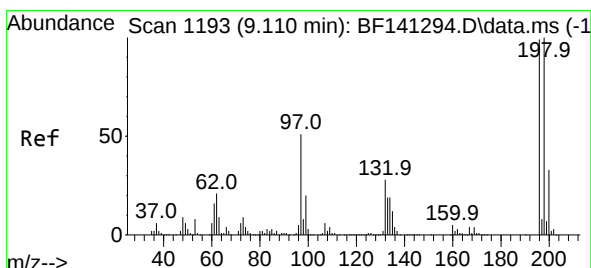
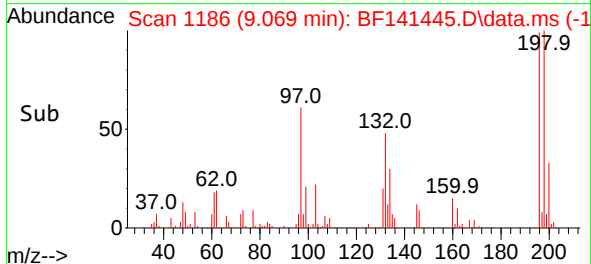
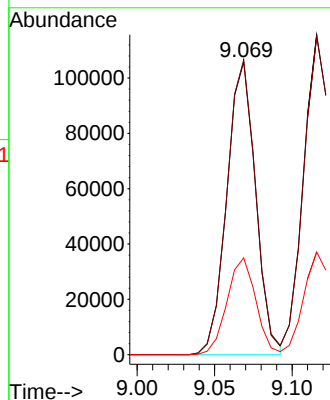
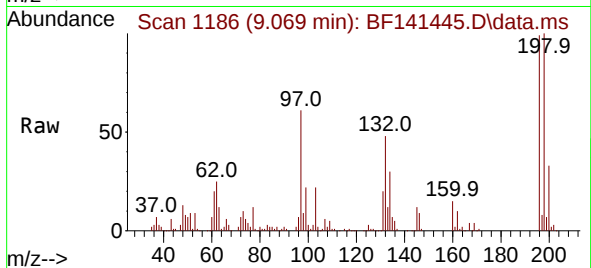
Tgt Ion:196 Resp: 136431

Ion Ratio Lower Upper

196 100

198 100.8 81.8 122.6

200 33.1 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 49.828 ng

RT: 9.116 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

Tgt Ion:196 Resp: 147177

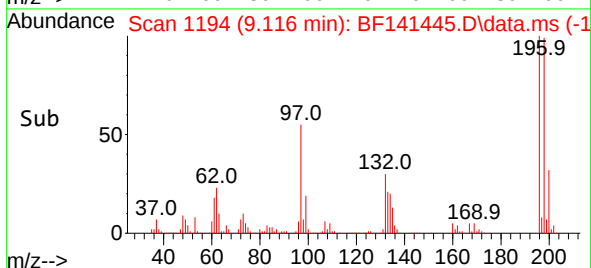
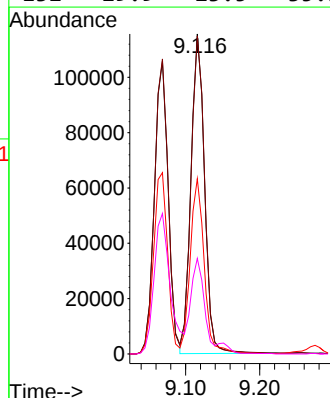
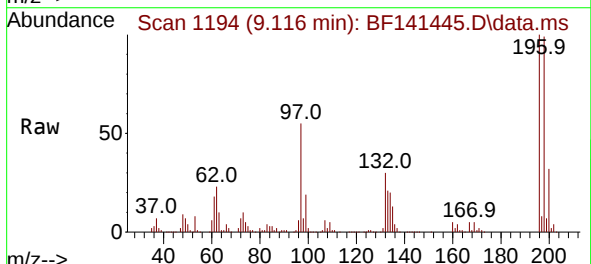
Ion Ratio Lower Upper

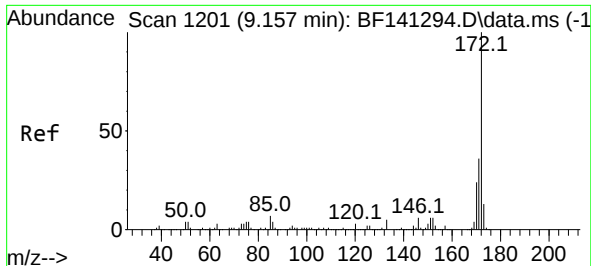
196 100

198 99.4 80.5 120.7

97 54.7 42.8 64.2

132 29.9 23.5 35.3

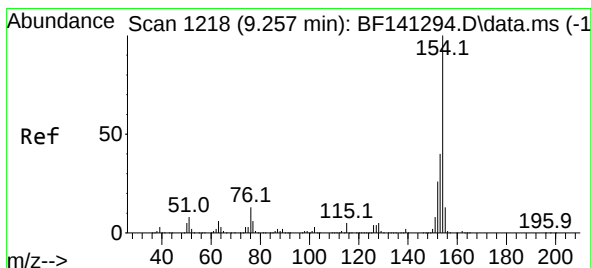
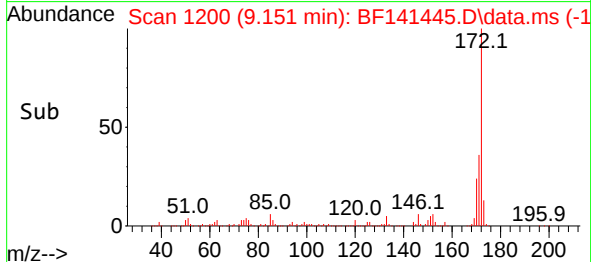
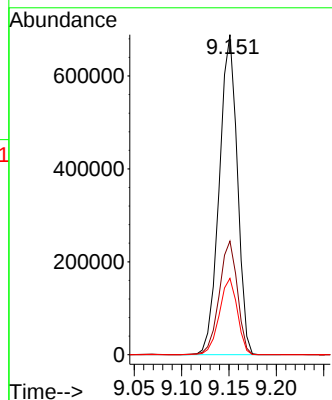
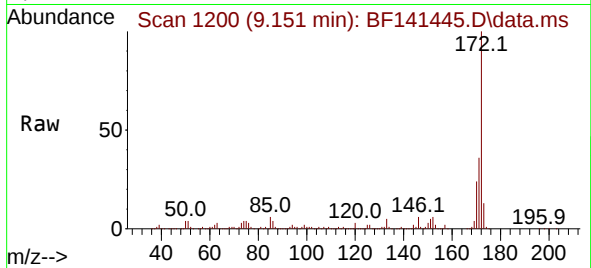




#45
2-Fluorobiphenyl
Concen: 96.498 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

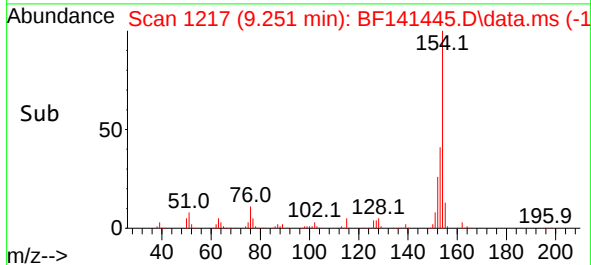
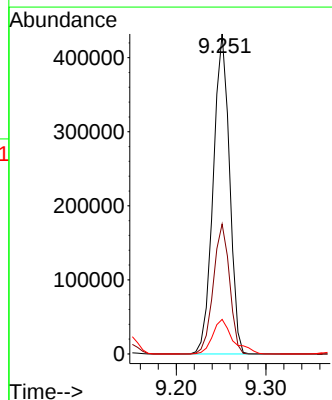
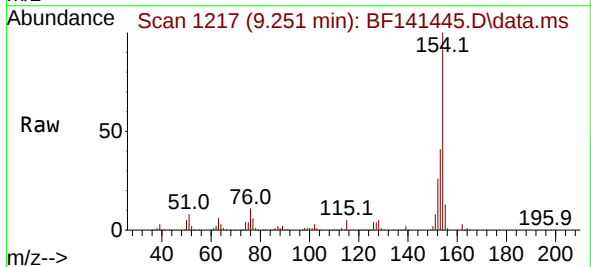
Instrument :
BNA_F
ClientSampleId :
PB166354BS

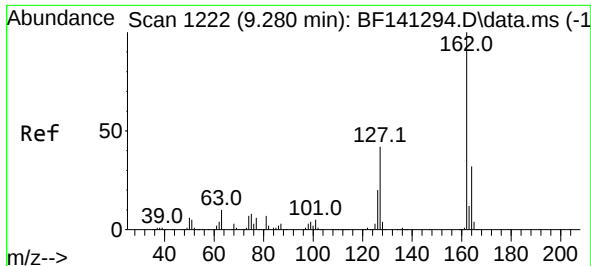
Tgt Ion:172 Resp: 913712
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 47.880 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion:154 Resp: 544215
Ion Ratio Lower Upper
154 100
153 40.6 20.0 60.0
76 10.8 0.0 32.8

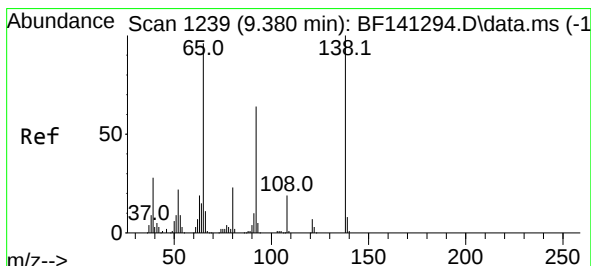
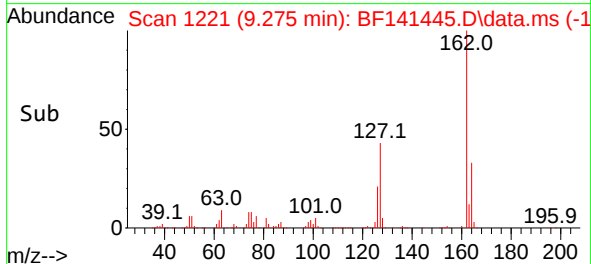
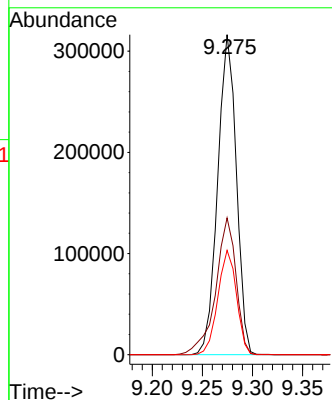
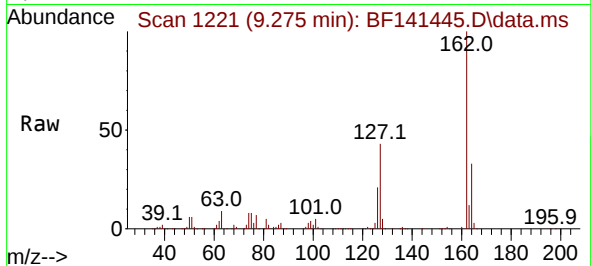




#47
2-Chloronaphthalene
Concen: 46.119 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

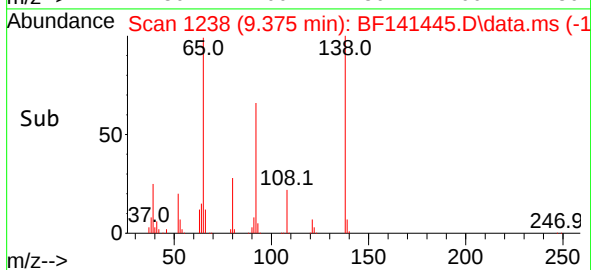
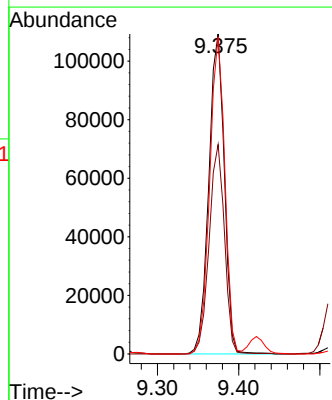
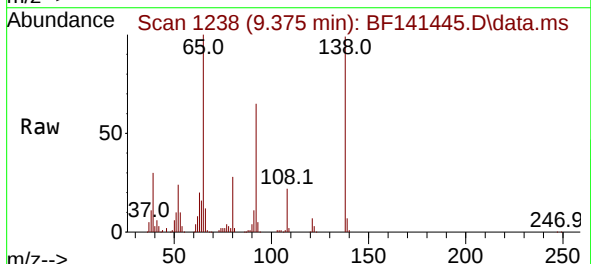
Instrument :
BNA_F
ClientSampleId :
PB166354BS

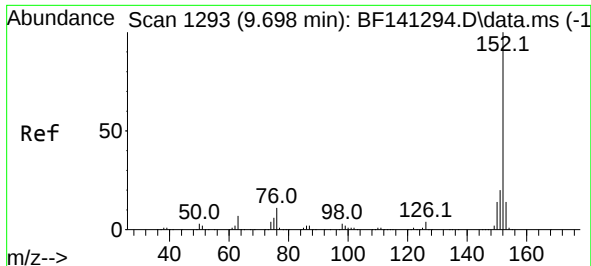
Tgt Ion:162 Resp: 408580
Ion Ratio Lower Upper
162 100
127 42.7 33.7 50.5
164 32.6 25.9 38.9



#48
2-Nitroaniline
Concen: 51.978 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion: 65 Resp: 144841
Ion Ratio Lower Upper
65 100
92 65.4 53.3 79.9
138 99.2 83.6 125.4





#49

Acenaphthylene

Concen: 51.649 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB166354BS

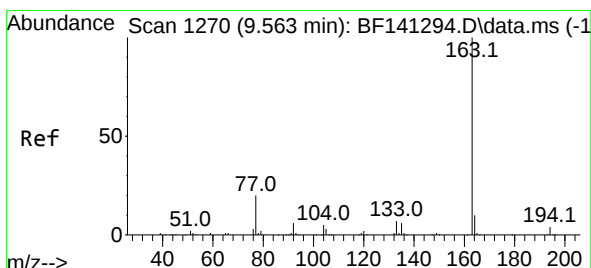
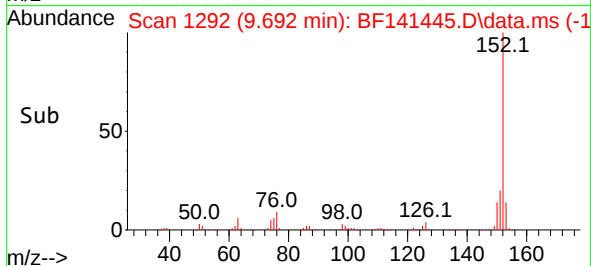
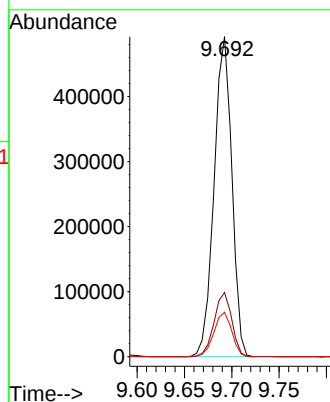
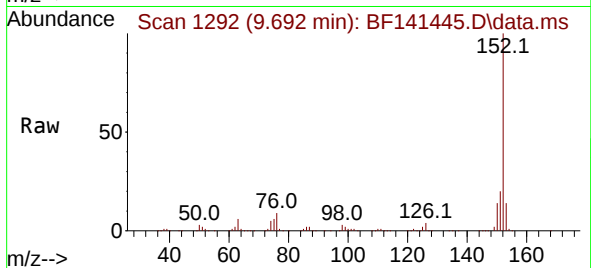
Tgt Ion:152 Resp: 640514

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.8 11.0 16.6



#50

Dimethylphthalate

Concen: 50.171 ng

RT: 9.557 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

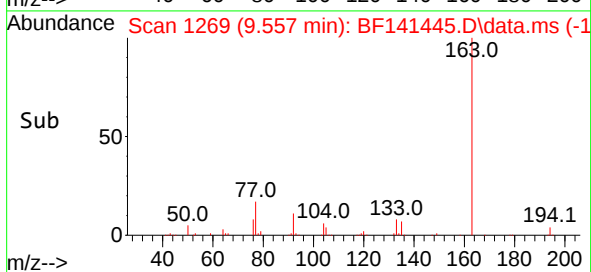
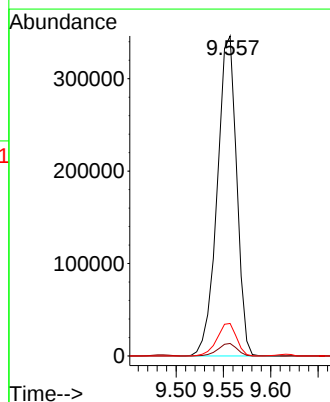
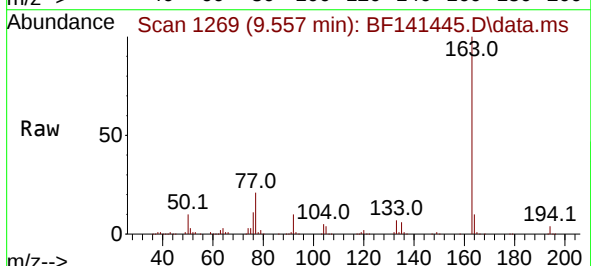
Tgt Ion:163 Resp: 493851

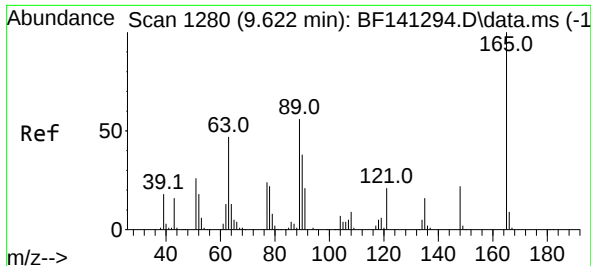
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.1 8.0 12.0

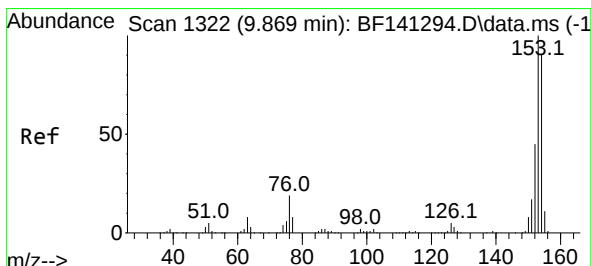
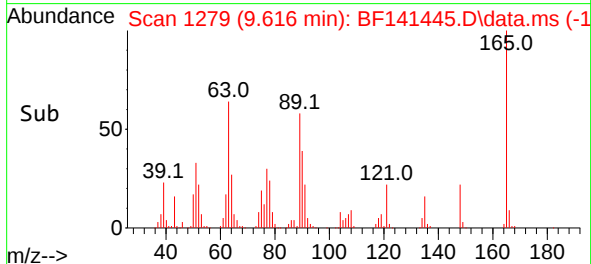
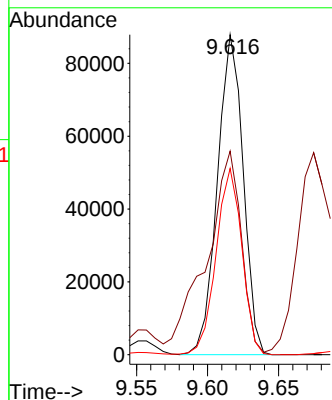
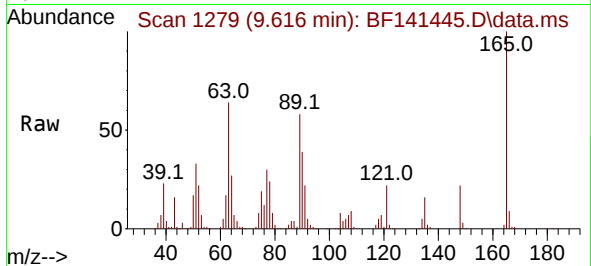




#51
2,6-Dinitrotoluene
Concen: 48.470 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

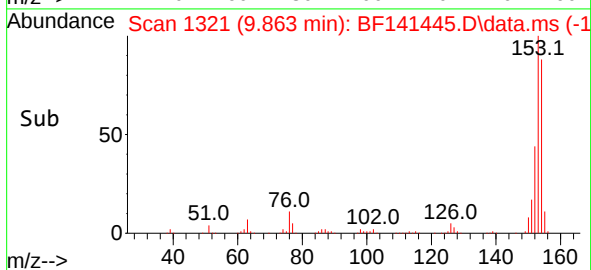
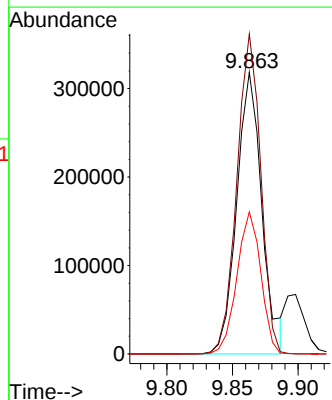
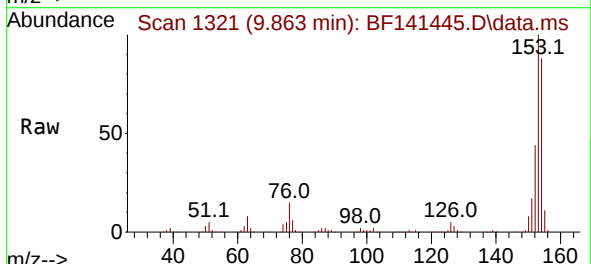
Instrument :
BNA_F
ClientSampleId :
PB166354BS

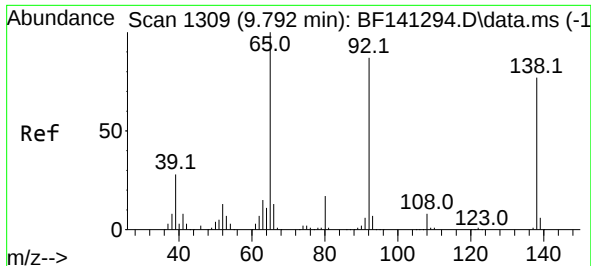
Tgt Ion:165 Resp: 110779
Ion Ratio Lower Upper
165 100
63 63.6 48.1 72.1
89 58.2 44.9 67.3



#52
Acenaphthene
Concen: 47.915 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion:154 Resp: 424511
Ion Ratio Lower Upper
154 100
153 113.7 89.0 133.4
152 50.5 40.2 60.4

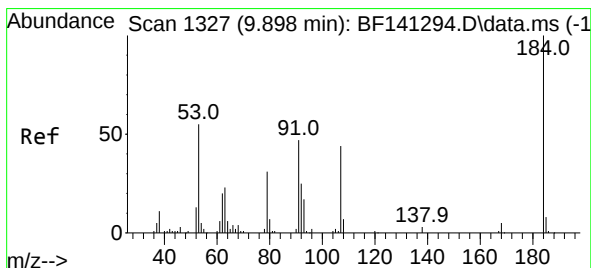
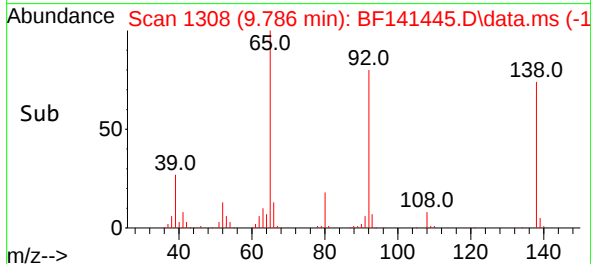
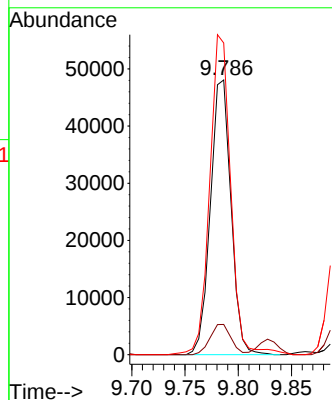
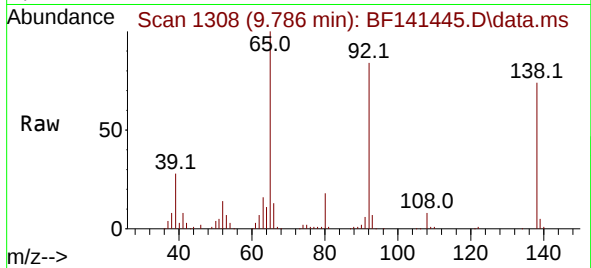




#53
3-Nitroaniline
Concen: 28.925 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

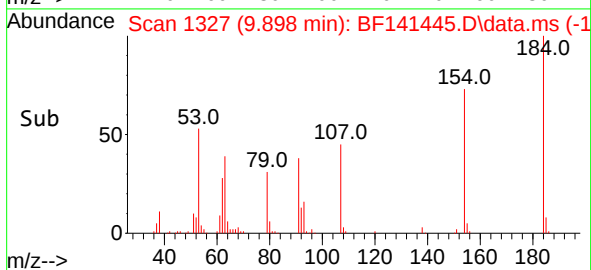
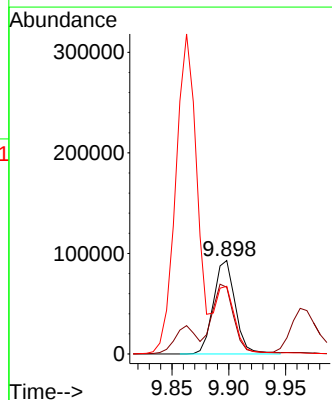
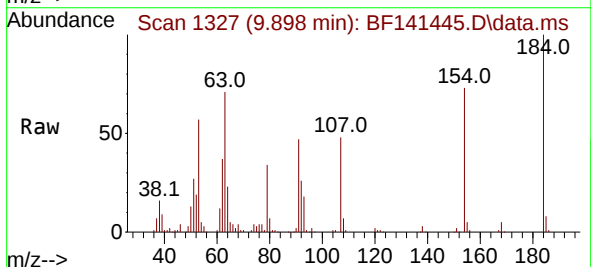
Instrument :
BNA_F
ClientSampleId :
PB166354BS

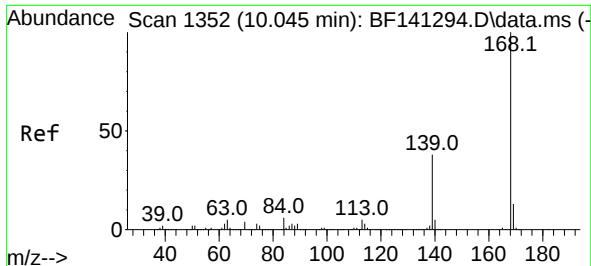
Tgt Ion:138 Resp: 64793
Ion Ratio Lower Upper
138 100
108 11.0 8.6 12.8
92 113.5 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 117.220 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion:184 Resp: 124538
Ion Ratio Lower Upper
184 100
63 71.4 54.1 81.1
154 72.5 50.7 76.1

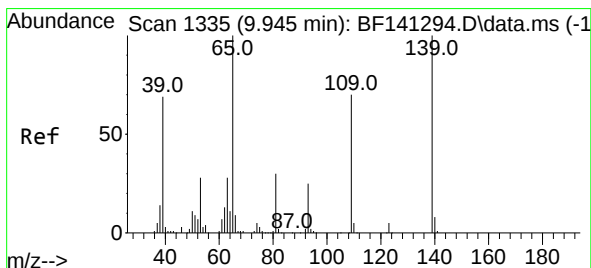
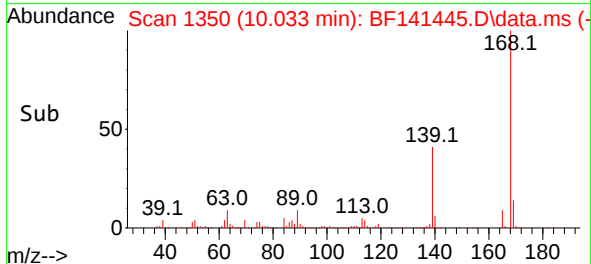
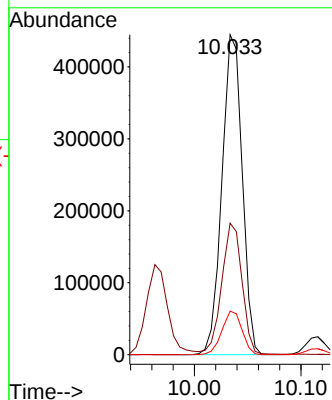
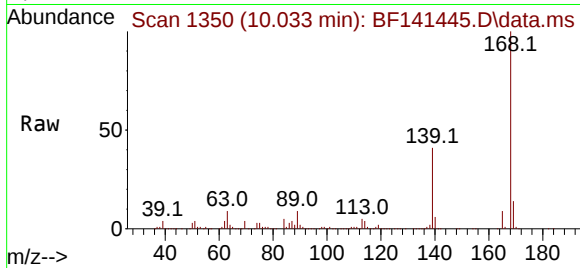




#55
Dibenzenofuran
Concen: 49.506 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

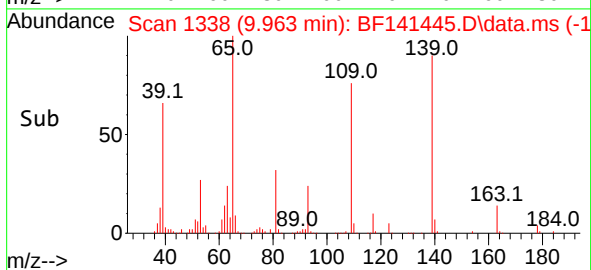
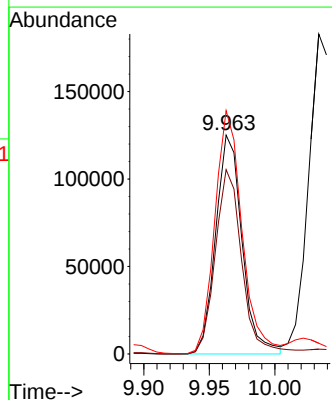
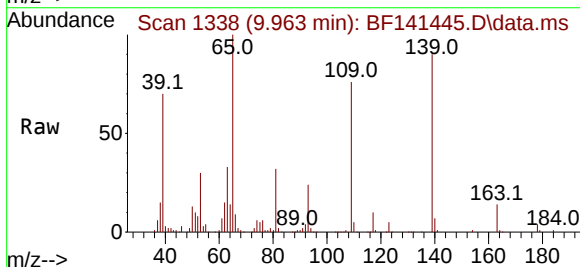
Instrument :
BNA_F
ClientSampleId :
PB166354BS

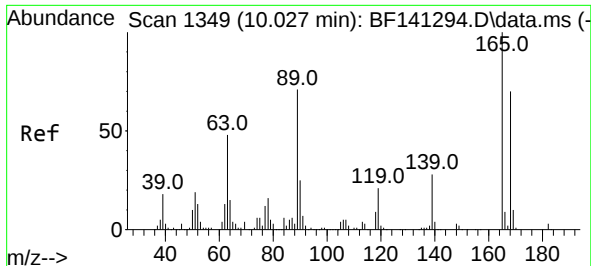
Tgt Ion:168 Resp: 587088
Ion Ratio Lower Upper
168 100
139 41.1 30.6 46.0
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 106.813 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion:139 Resp: 174985
Ion Ratio Lower Upper
139 100
109 84.2 50.2 90.2
65 111.2 80.6 120.6

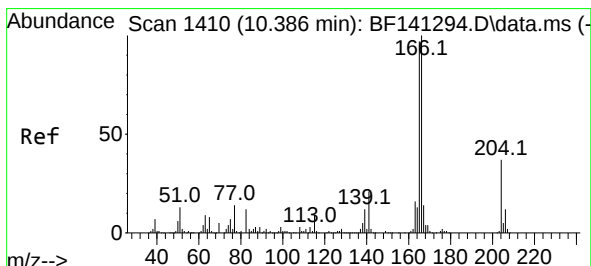
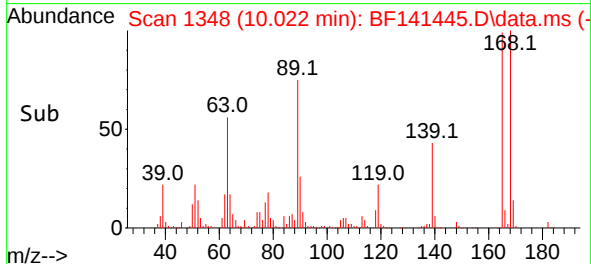
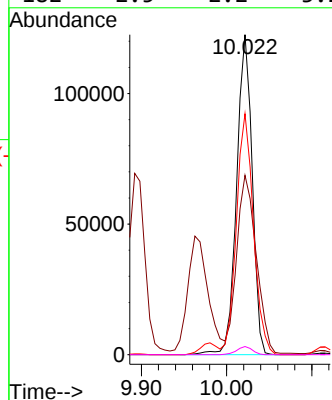
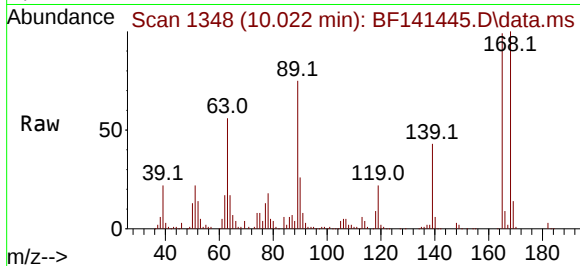




#57
2,4-Dinitrotoluene
Concen: 52.347 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

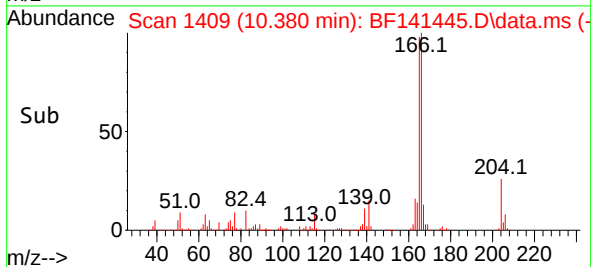
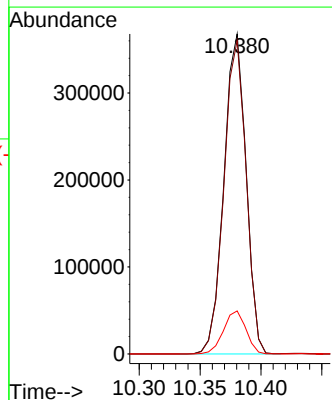
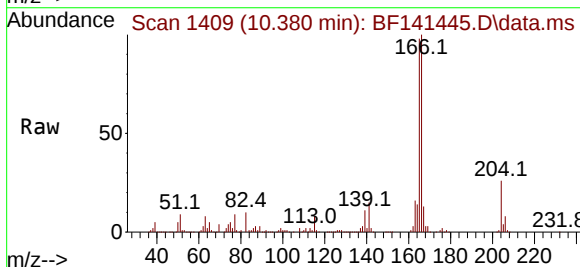
Instrument :
BNA_F
ClientSampleId :
PB166354BS

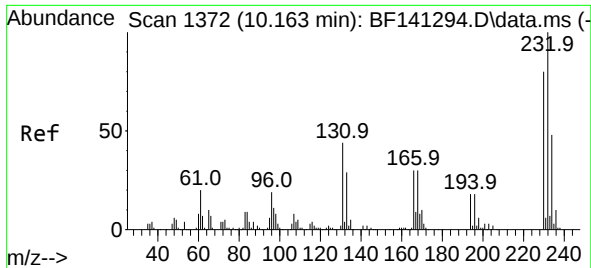
Tgt Ion:165 Resp: 154900
Ion Ratio Lower Upper
165 100
63 56.0 39.2 58.8
89 75.3 56.9 85.3
182 2.5 2.2 3.2



#58
Fluorene
Concen: 50.684 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion:166 Resp: 466233
Ion Ratio Lower Upper
166 100
165 97.9 77.5 116.3
167 13.5 10.9 16.3

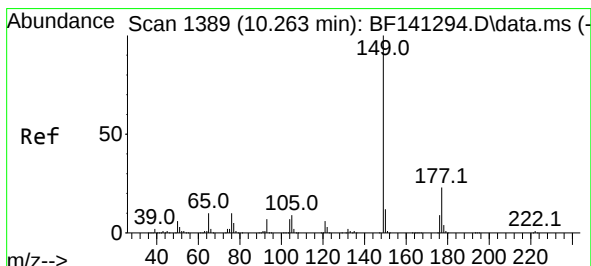
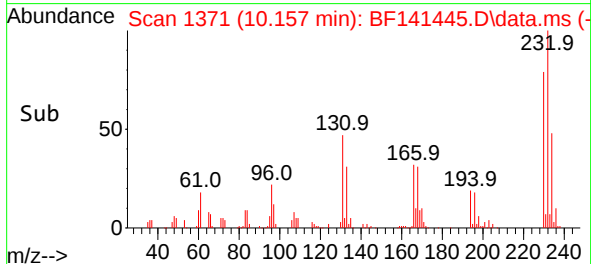
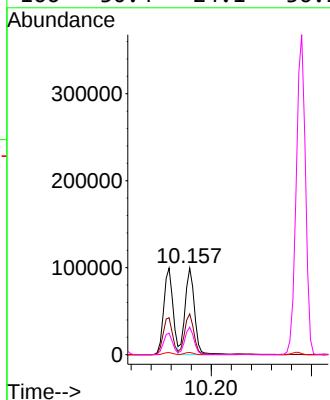
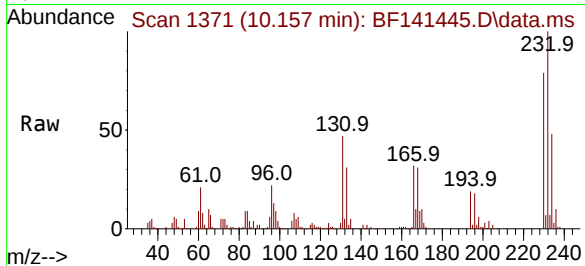




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.106 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

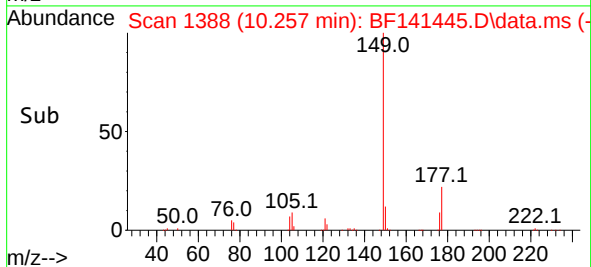
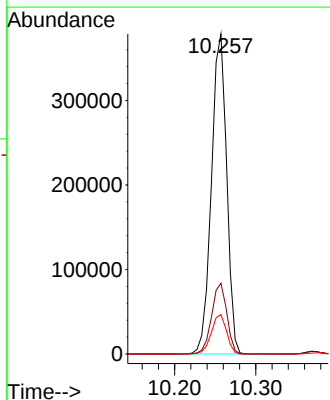
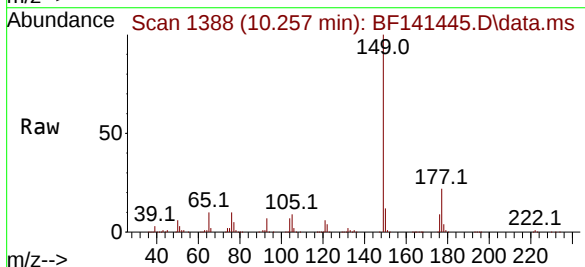
Instrument :
BNA_F
ClientSampleId :
PB166354BS

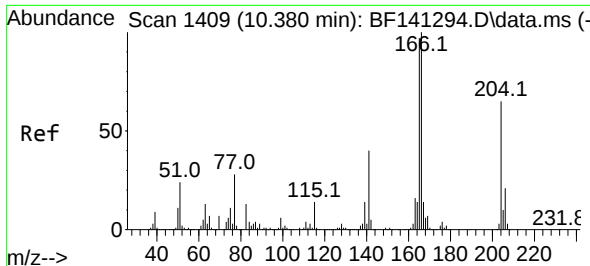
Tgt Ion:232 Resp: 130376
Ion Ratio Lower Upper
232 100
131 47.2 36.4 54.6
130 2.5 1.9 2.9
166 30.4 24.1 36.1



#60
Diethylphthalate
Concen: 51.676 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion:149 Resp: 493211
Ion Ratio Lower Upper
149 100
177 22.1 18.5 27.7
150 12.3 10.0 15.0

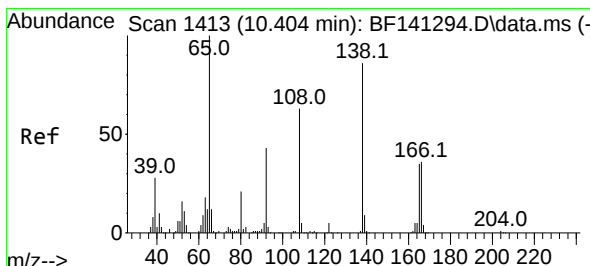
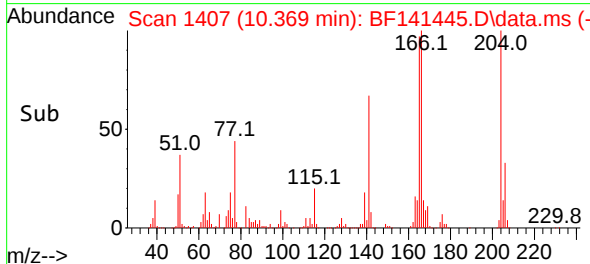
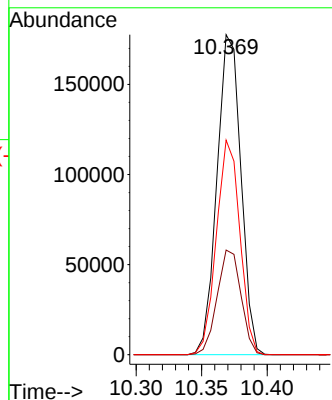
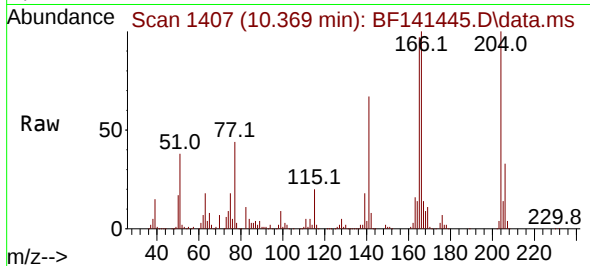




#61
4-Chlorophenyl-phenylether
Concen: 50.239 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

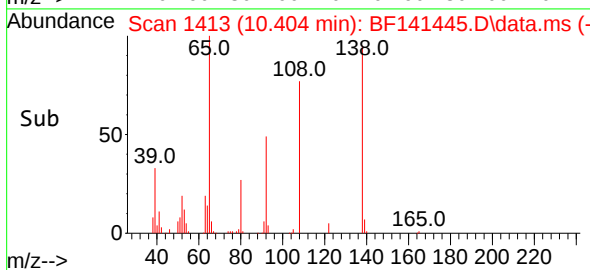
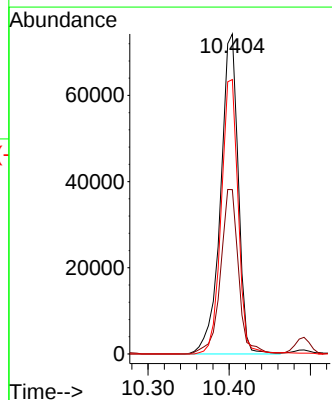
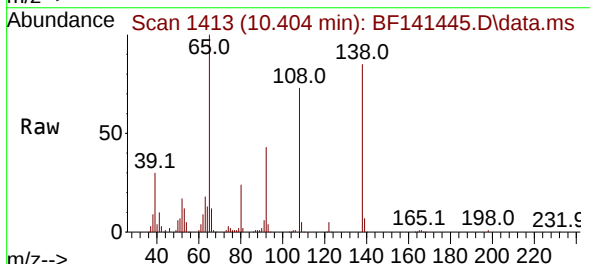
Instrument :
BNA_F
ClientSampleId :
PB166354BS

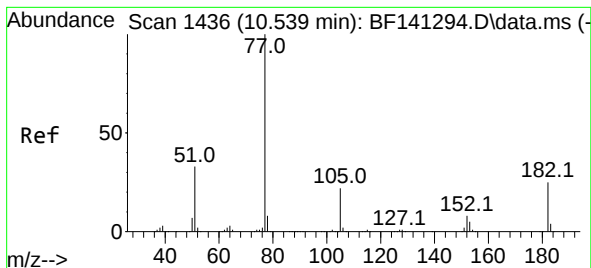
Tgt Ion:204 Resp: 225742
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 67.1 49.5 74.3



#62
4-Nitroaniline
Concen: 51.125 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion:138 Resp: 112592
Ion Ratio Lower Upper
138 100
92 51.3 30.1 70.1
108 85.7 53.1 93.1





#63

Azobenzene

Concen: 49.591 ng

RT: 10.533 min Scan# 1435

Delta R.T. -0.012 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB166354BS

Tgt Ion: 77 Resp: 473769

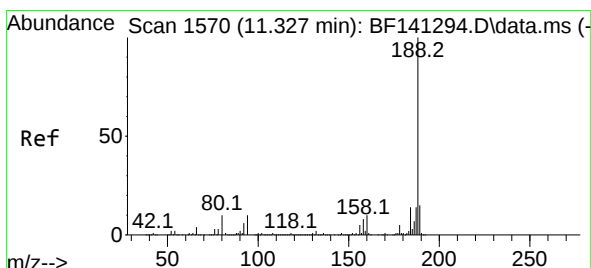
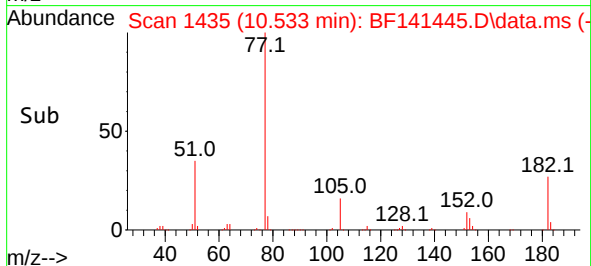
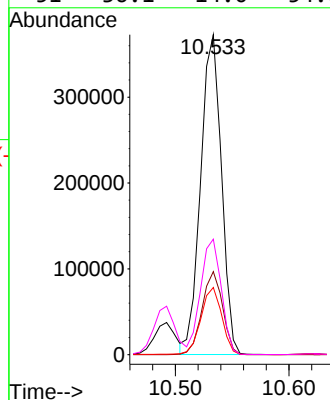
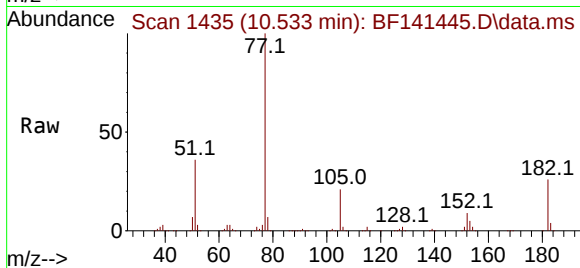
Ion Ratio Lower Upper

77 100

182 26.0 5.1 45.1

105 21.0 1.8 41.8

51 36.1 14.0 54.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1568

Delta R.T. -0.012 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

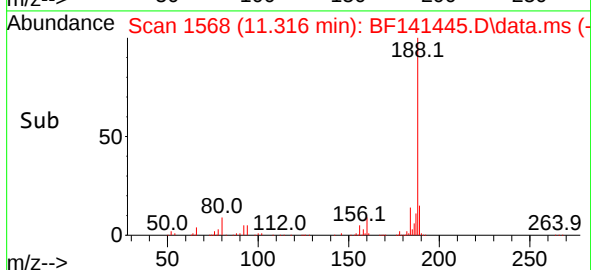
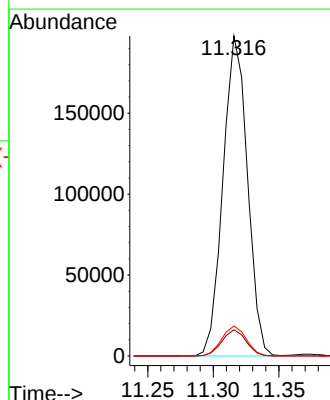
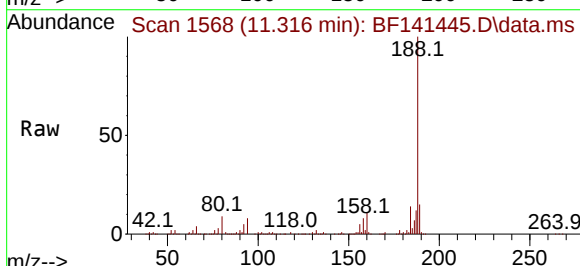
Tgt Ion: 188 Resp: 256036

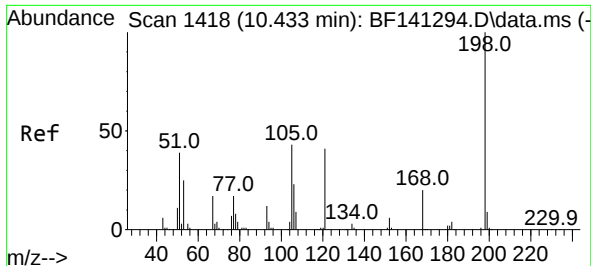
Ion Ratio Lower Upper

188 100

94 8.2 7.8 11.6

80 9.4 8.2 12.4

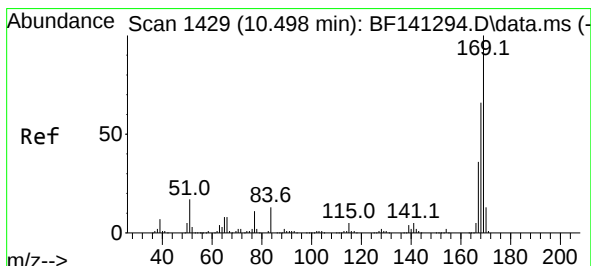
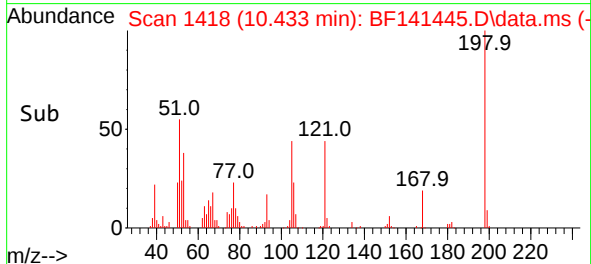
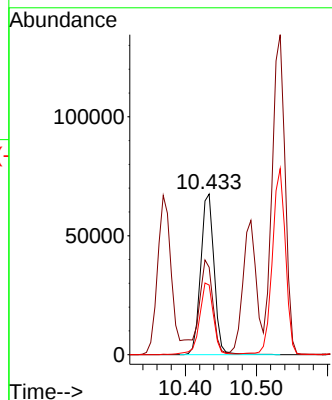
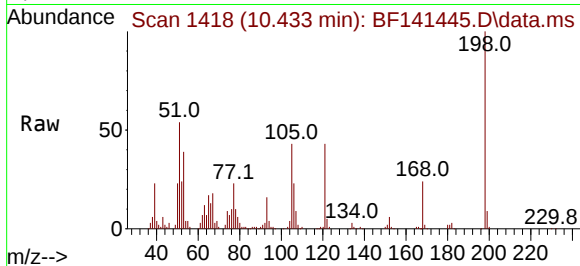




#65
4,6-Dinitro-2-methylphenol
Concen: 58.837 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

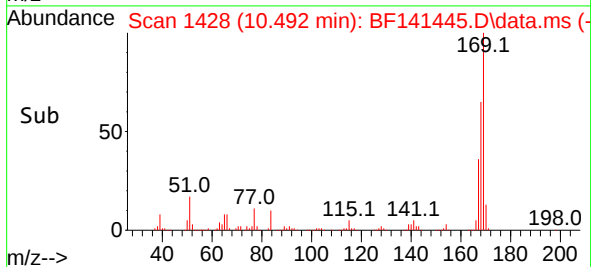
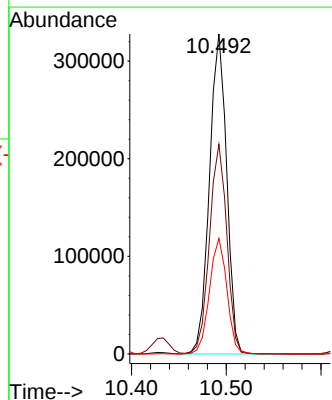
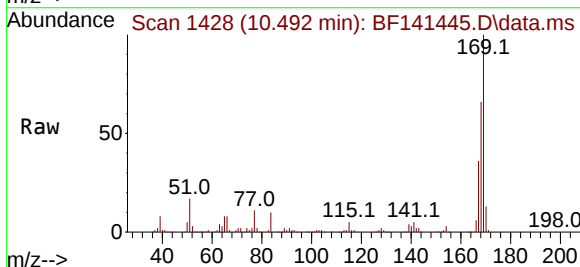
Instrument :
BNA_F
ClientSampleId :
PB166354BS

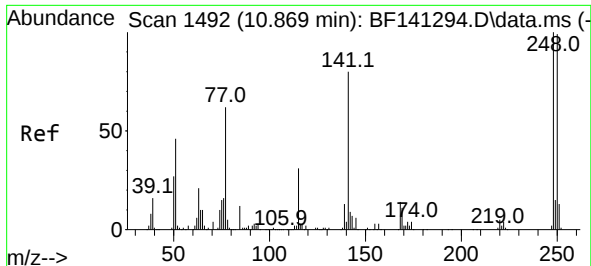
Tgt Ion	198	51	105
Resp:	89105		
Ion Ratio	100	54.3	43.3
Lower		33.4	24.4
Upper		73.4	64.4



#66
n-Nitrosodiphenylamine
Concen: 49.932 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion	169	168	167
Resp:	413491		
Ion Ratio	100	65.5	36.1
Lower		53.0	28.8
Upper		79.4	43.2

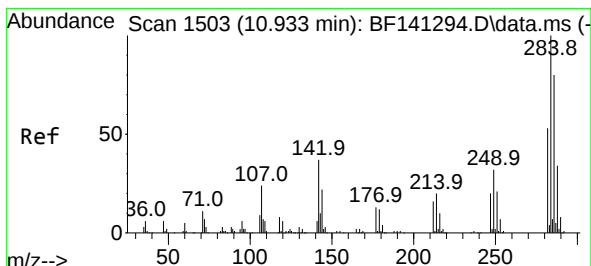
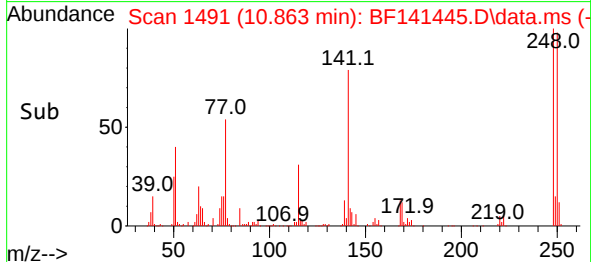
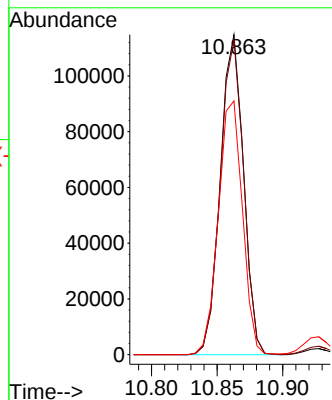
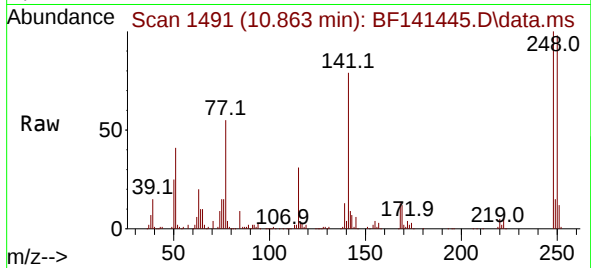




#67
4-Bromophenyl-phenylether
Concen: 49.399 ng
RT: 10.863 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

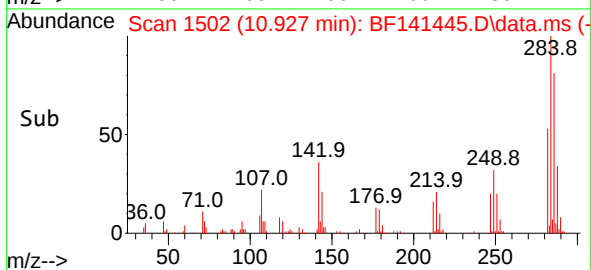
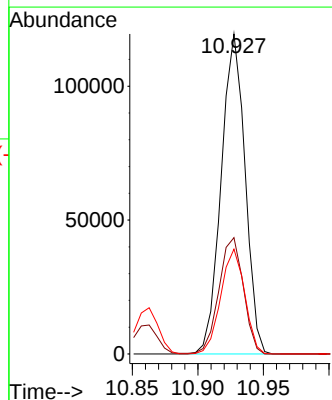
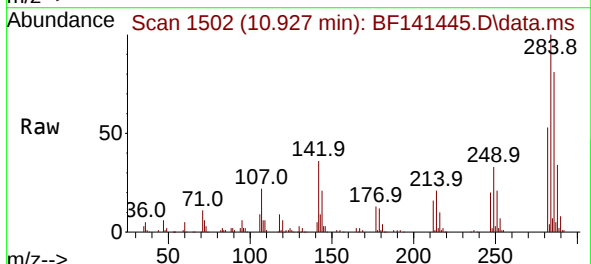
Instrument :
BNA_F
ClientSampleId :
PB166354BS

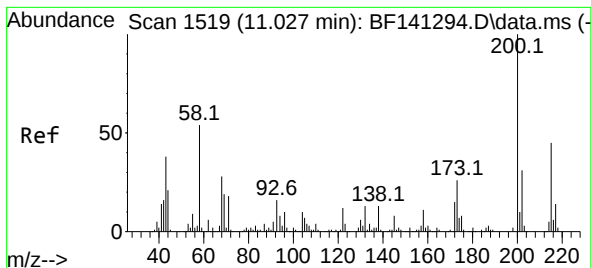
Tgt Ion:248 Resp: 141597
Ion Ratio Lower Upper
248 100
250 98.4 79.0 118.4
141 79.3 63.7 95.5



#68
Hexachlorobenzene
Concen: 49.765 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion:284 Resp: 151314
Ion Ratio Lower Upper
284 100
142 36.4 29.5 44.3
249 32.7 25.4 38.2





#69

Atrazine

Concen: 53.215 ng

RT: 11.022 min Scan# 1518

Delta R.T. -0.012 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB166354BS

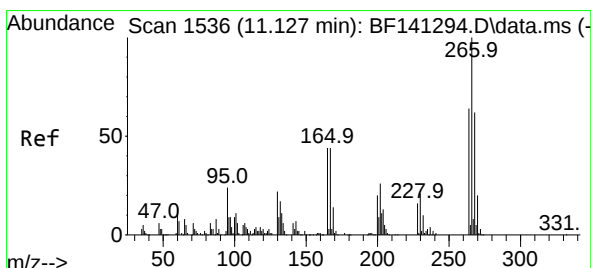
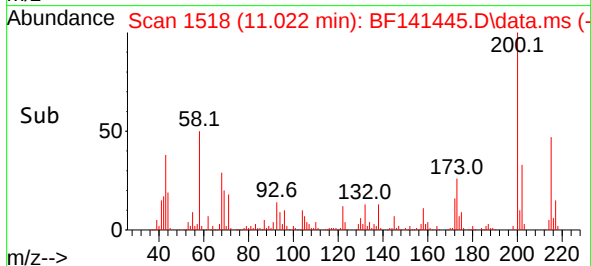
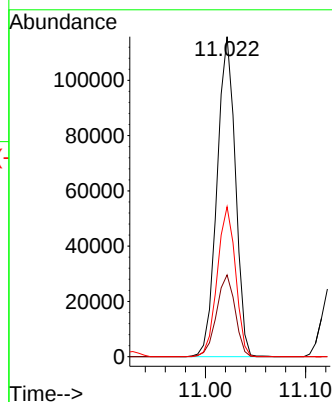
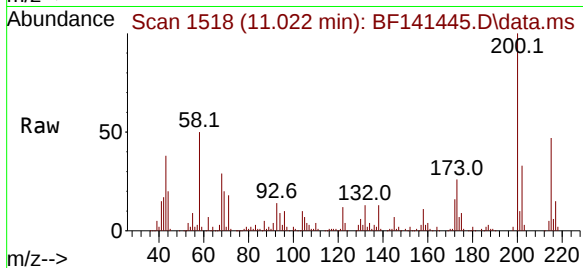
Tgt Ion:200 Resp: 147341

Ion Ratio Lower Upper

200 100

173 25.6 5.9 45.9

215 46.8 25.2 65.2



#70

Pentachlorophenol

Concen: 104.023 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

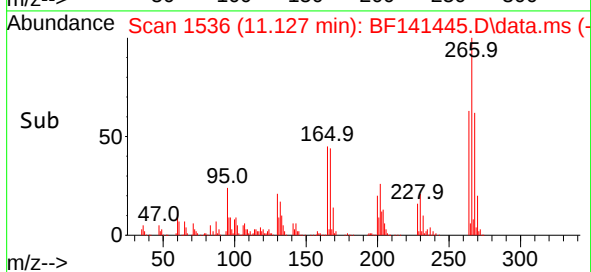
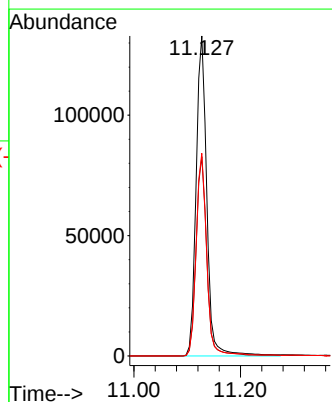
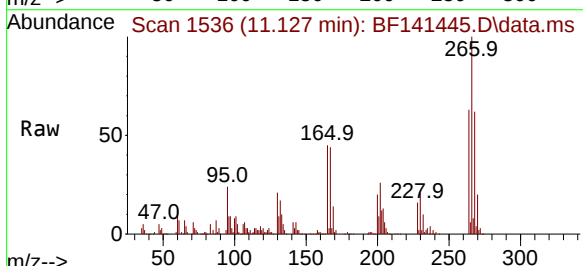
Tgt Ion:266 Resp: 185211

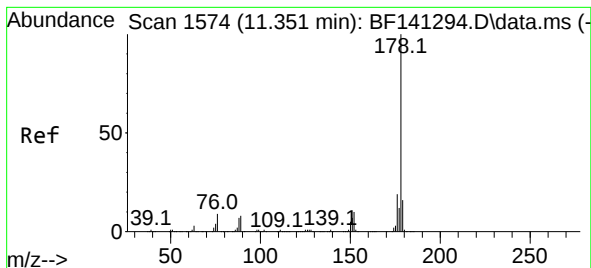
Ion Ratio Lower Upper

266 100

268 62.3 49.9 74.9

264 63.3 51.0 76.4





#71

Phenanthrene

Concen: 52.285 ng

RT: 11.345 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB166354BS

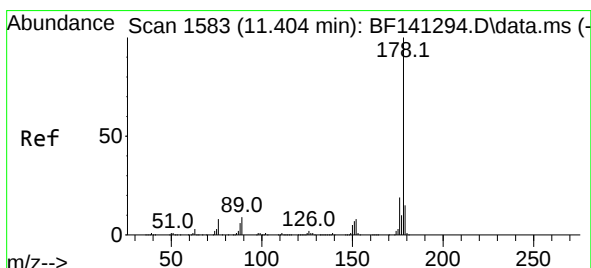
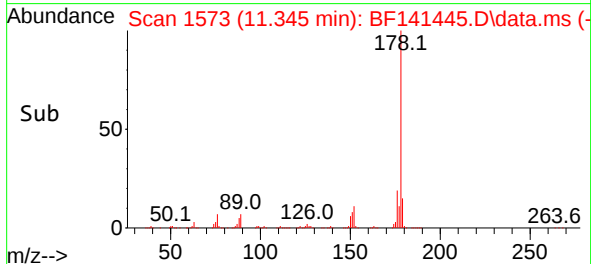
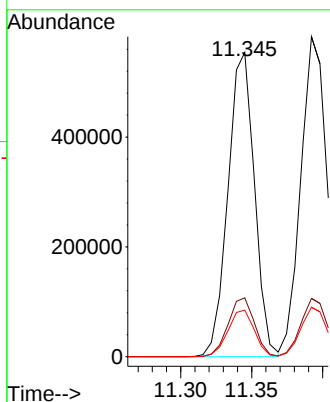
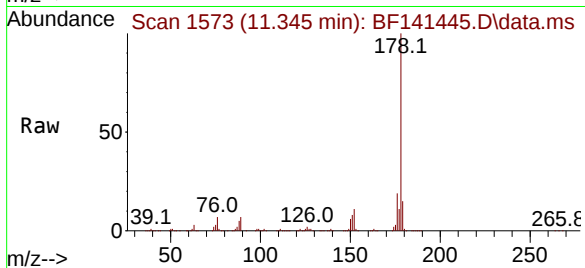
Tgt Ion:178 Resp: 719596

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.3 12.5 18.7



#72

Anthracene

Concen: 54.963 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

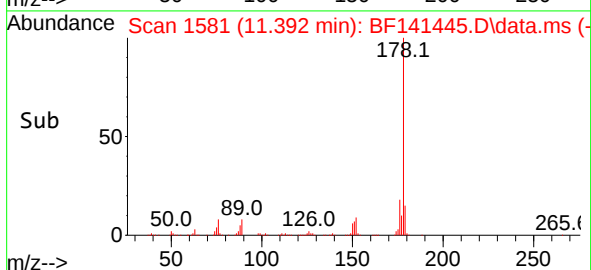
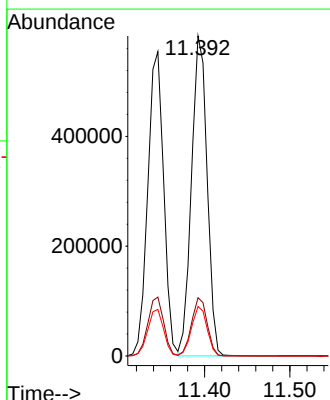
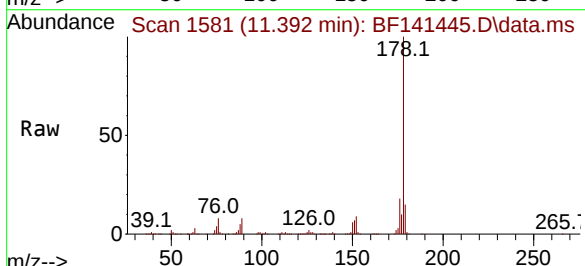
Tgt Ion:178 Resp: 741186

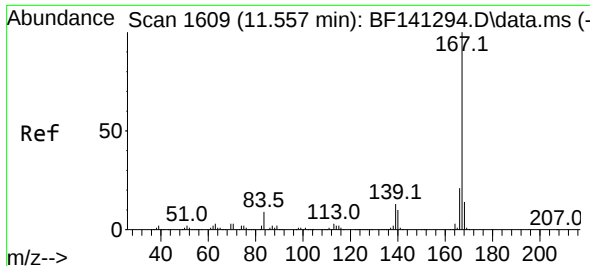
Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.6

179 15.5 12.3 18.5

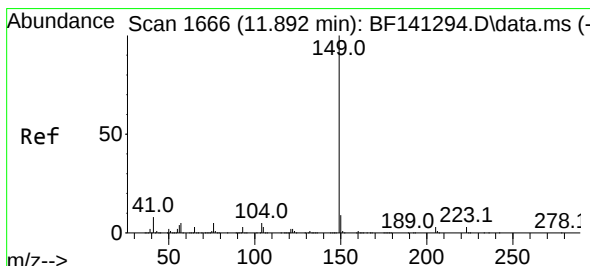
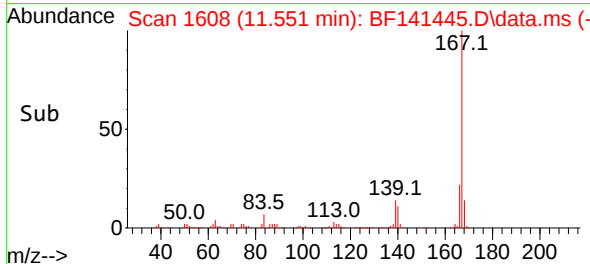
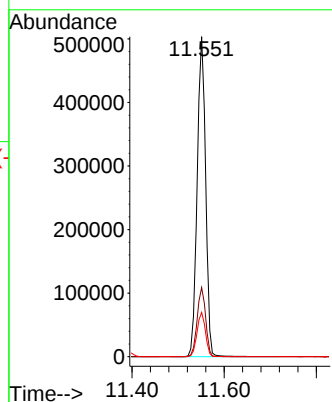
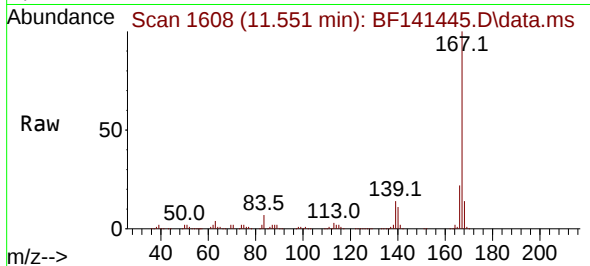




#73
 Carbazole
 Concen: 53.546 ng
 RT: 11.551 min Scan# 1608
 Delta R.T. -0.006 min
 Lab File: BF141445.D
 Acq: 05 Feb 2025 14:24

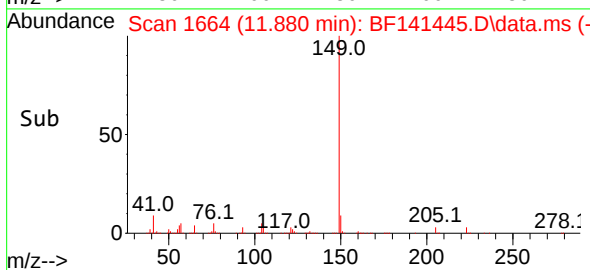
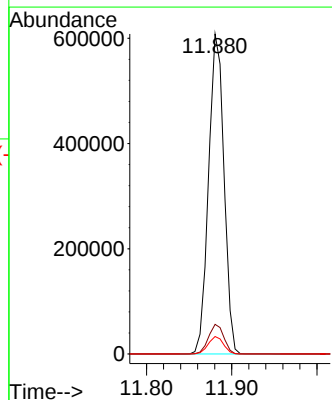
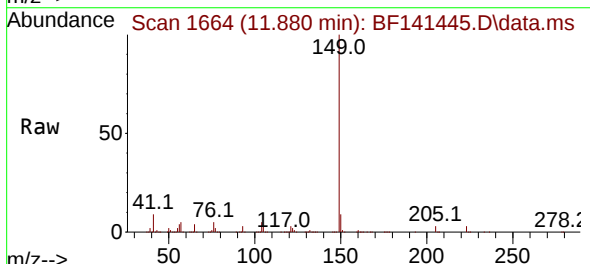
Instrument :
 BNA_F
 ClientSampleId :
 PB166354BS

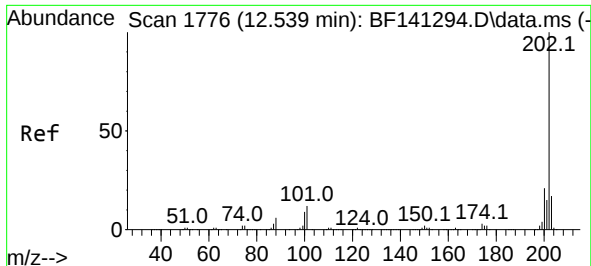
Tgt Ion:167 Resp: 640285
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.9 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 52.738 ng
 RT: 11.880 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF141445.D
 Acq: 05 Feb 2025 14:24

Tgt Ion:149 Resp: 764248
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.5 3.9 5.9

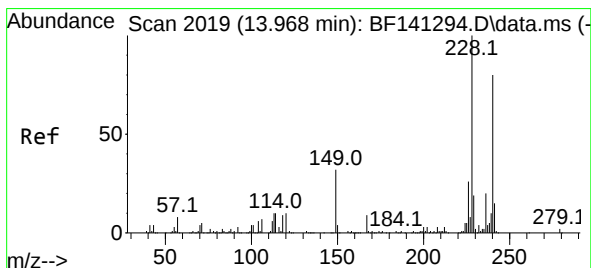
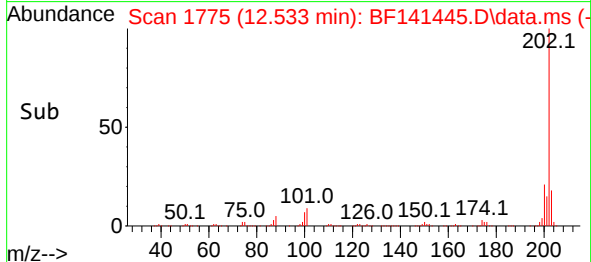
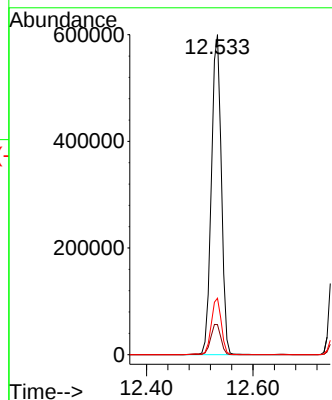
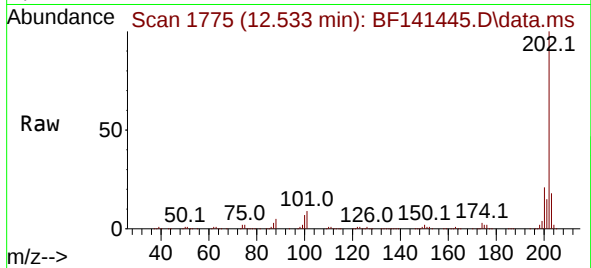




#75
Fluoranthene
Concen: 57.260 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

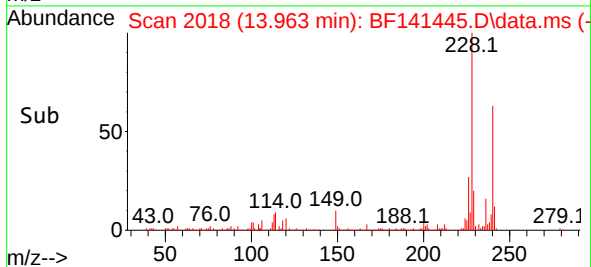
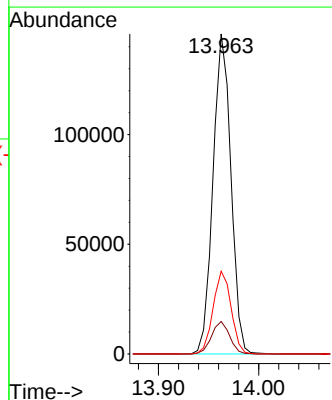
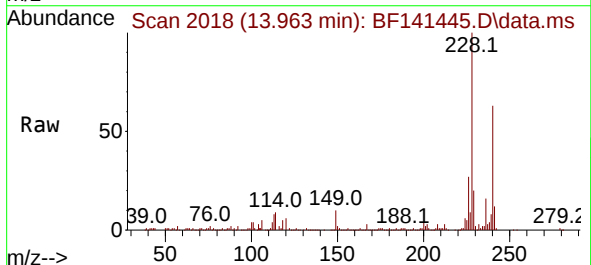
Instrument :
BNA_F
ClientSampleId :
PB166354BS

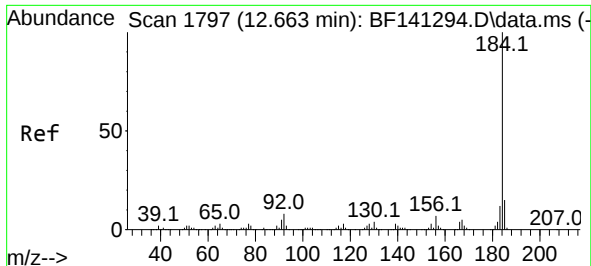
Tgt Ion:202 Resp: 778134
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.7
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion:240 Resp: 181162
Ion Ratio Lower Upper
240 100
120 10.1 10.0 15.0
236 25.8 19.7 29.5

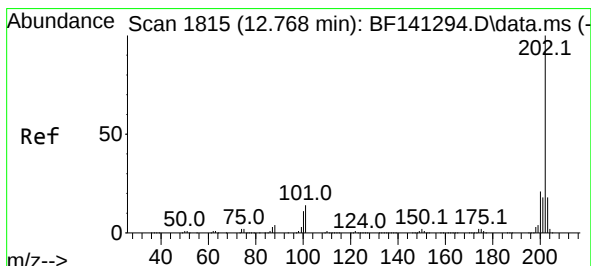
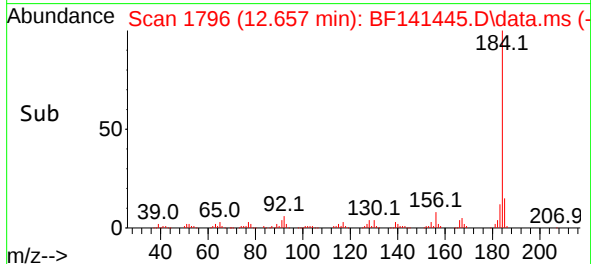
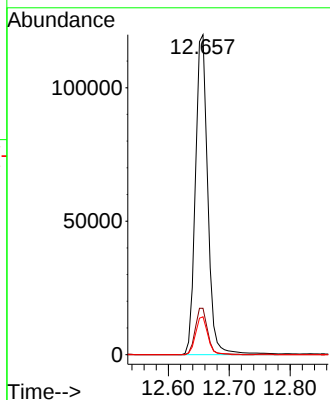
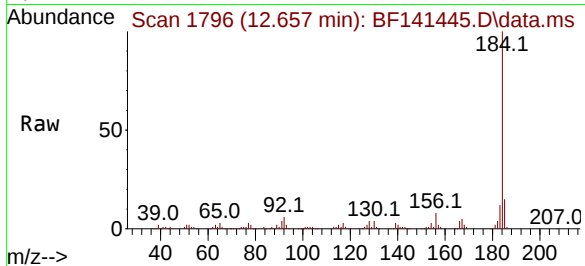




#77
Benzidine
Concen: 29.114 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

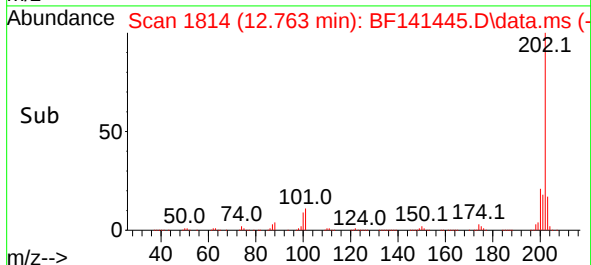
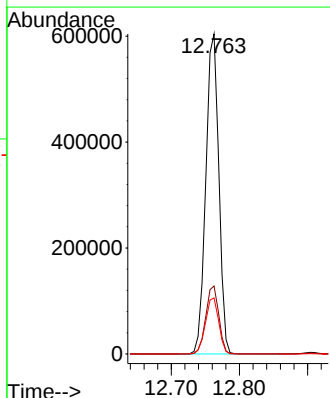
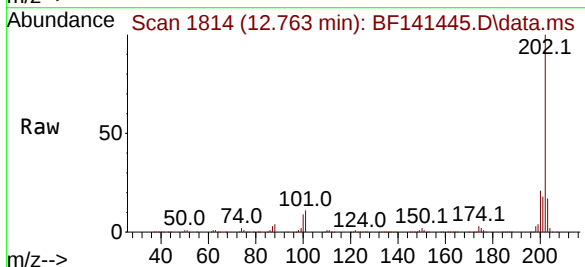
Instrument :
BNA_F
ClientSampleId :
PB166354BS

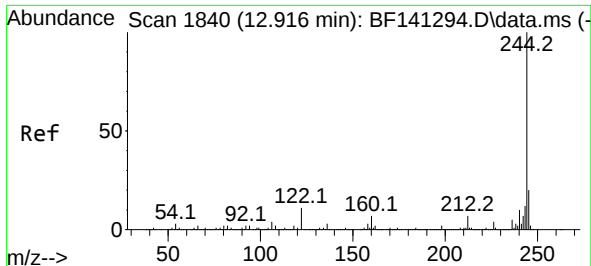
Tgt Ion:184 Resp: 169088
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 11.9 9.5 14.3



#78
Pyrene
Concen: 46.054 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion:202 Resp: 800870
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.5 14.3 21.5

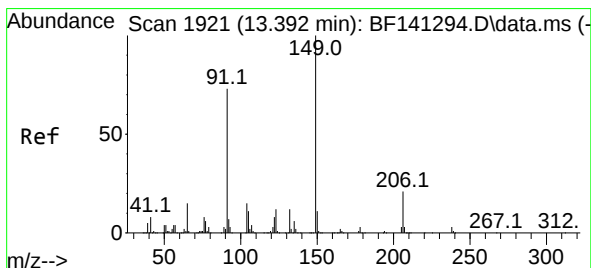
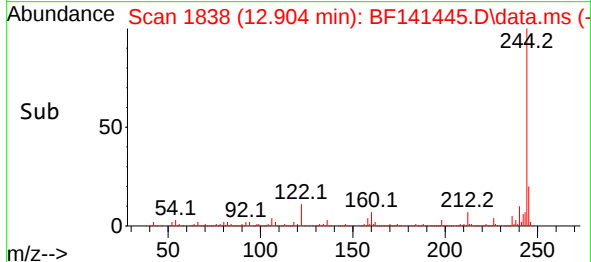
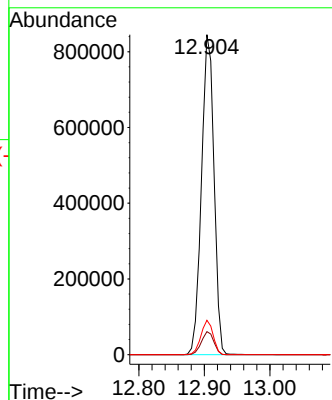
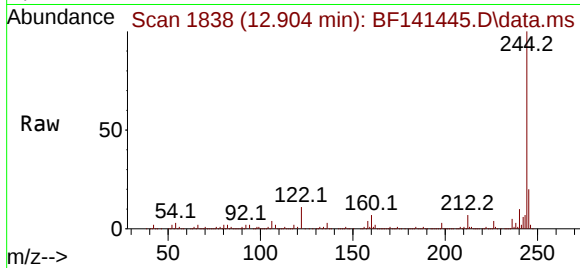




#79
 Terphenyl-d14
 Concen: 95.935 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF141445.D
 Acq: 05 Feb 2025 14:24

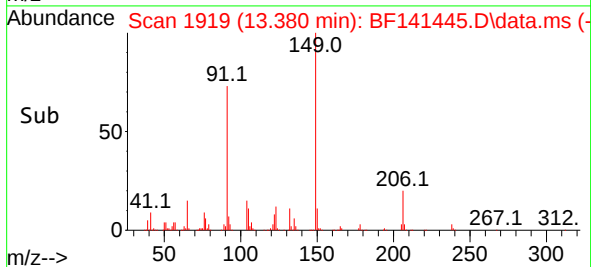
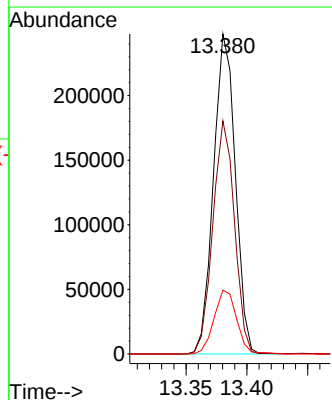
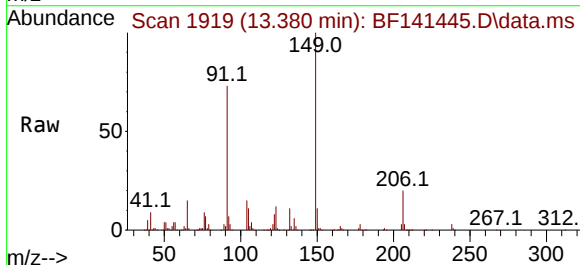
Instrument :
 BNA_F
 ClientSampleId :
 PB166354BS

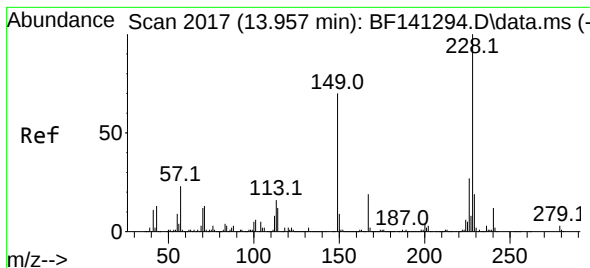
Tgt Ion:244 Resp: 1126962
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 10.7 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 50.851 ng
 RT: 13.380 min Scan# 1919
 Delta R.T. -0.012 min
 Lab File: BF141445.D
 Acq: 05 Feb 2025 14:24

Tgt Ion:149 Resp: 308931
 Ion Ratio Lower Upper
 149 100
 91 72.8 58.6 87.8
 206 20.0 16.7 25.1





#81

Benzo(a)anthracene

Concen: 48.156 ng

RT: 13.951 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB166354BS

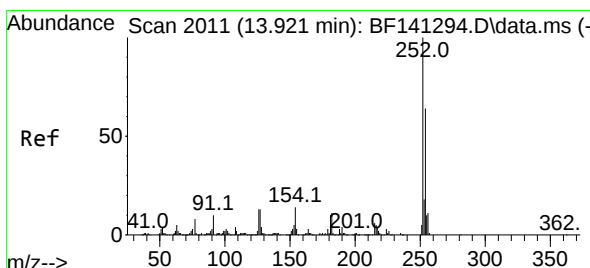
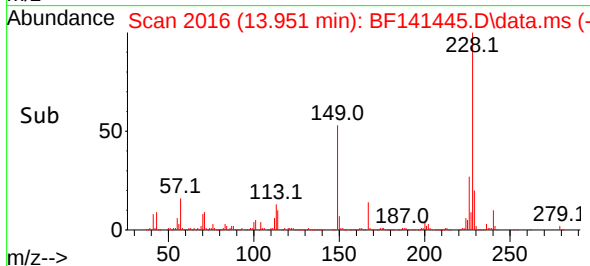
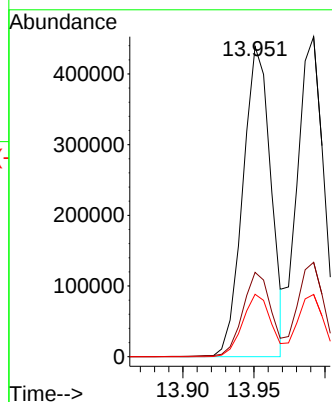
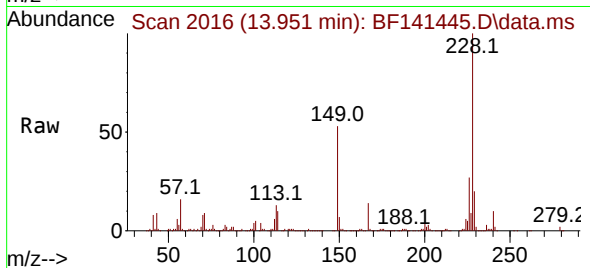
Tgt Ion:228 Resp: 602014

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.2

229 20.1 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 24.192 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

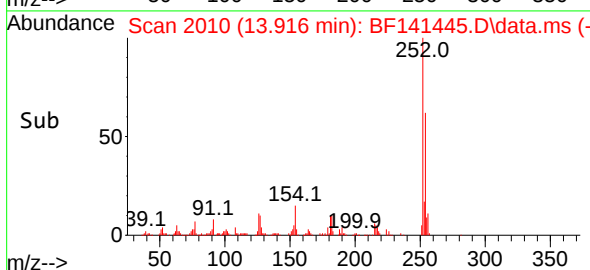
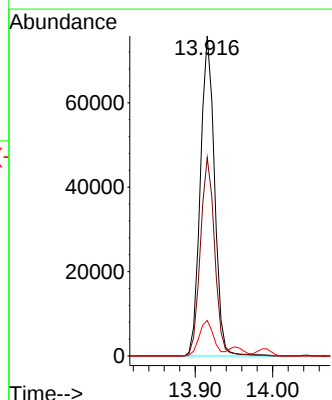
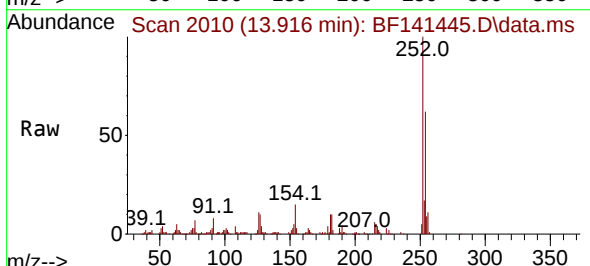
Tgt Ion:252 Resp: 96189

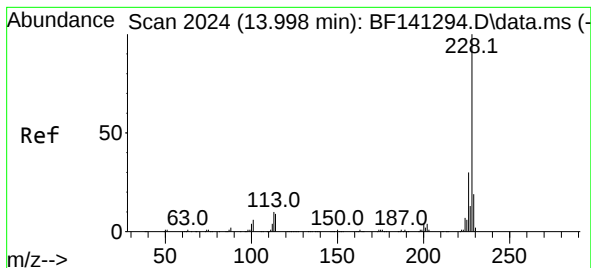
Ion Ratio Lower Upper

252 100

254 62.0 51.3 76.9

126 11.1 10.0 15.0





#83

Chrysene

Concen: 50.991 ng

RT: 13.992 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB166354BS

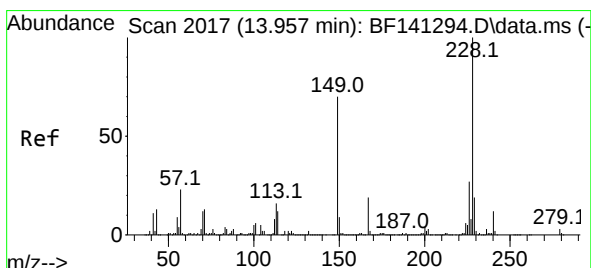
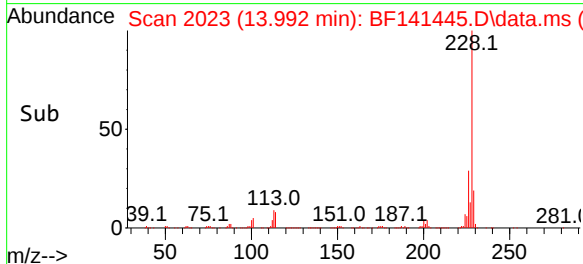
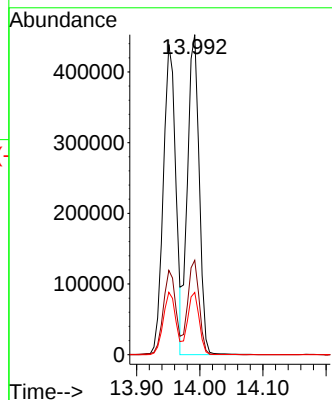
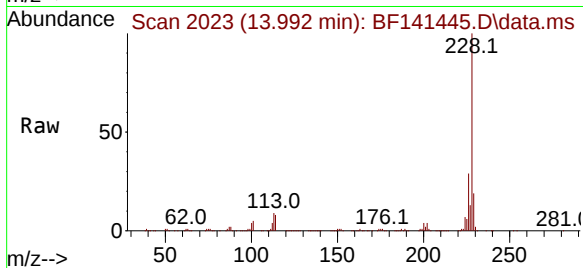
Tgt Ion:228 Resp: 584203

Ion Ratio Lower Upper

228 100

226 29.5 24.1 36.1

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.987 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

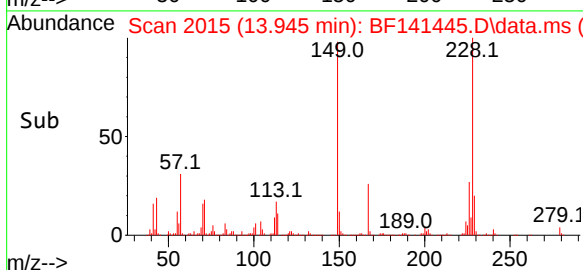
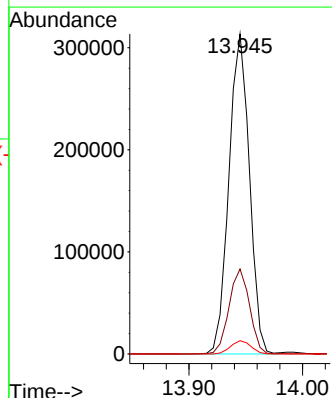
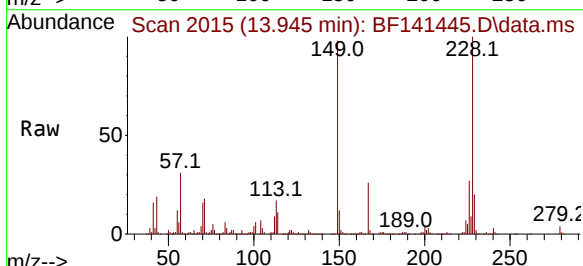
Tgt Ion:149 Resp: 392941

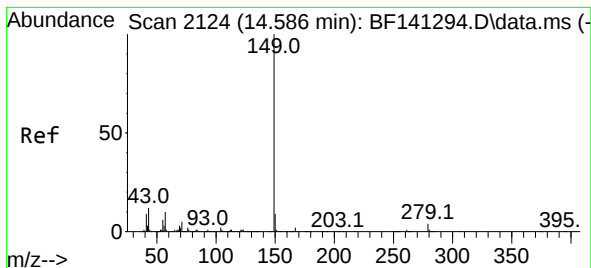
Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 49.744 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB166354BS

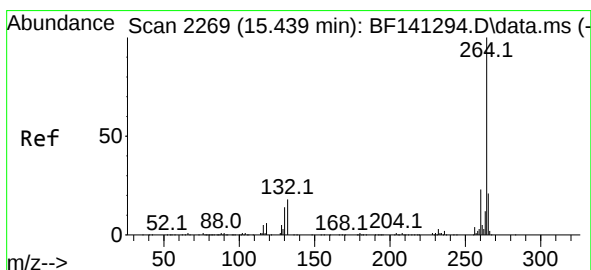
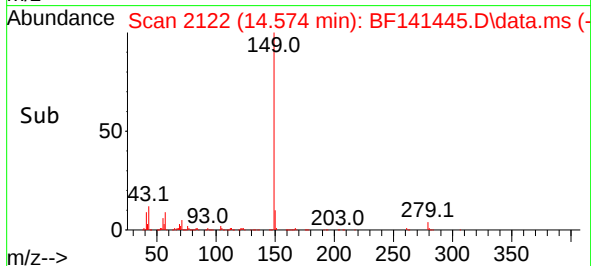
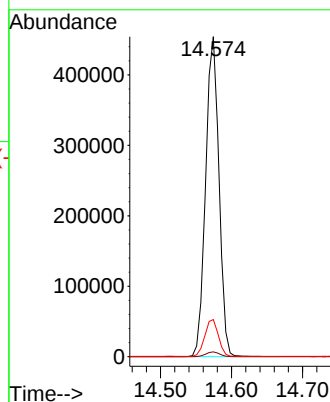
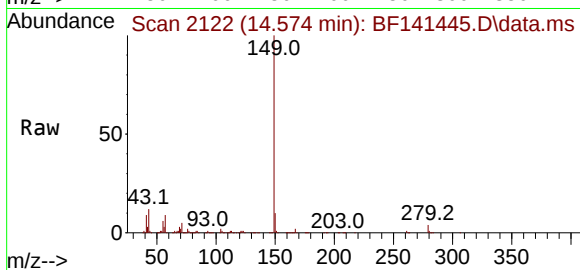
Tgt Ion:149 Resp: 595439

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.7 9.8 14.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

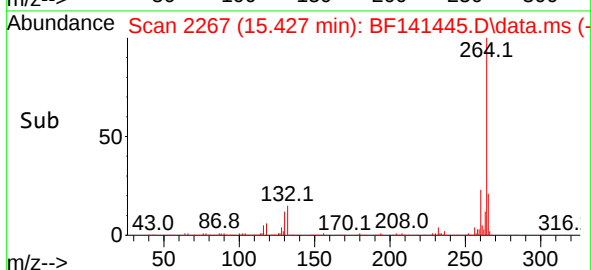
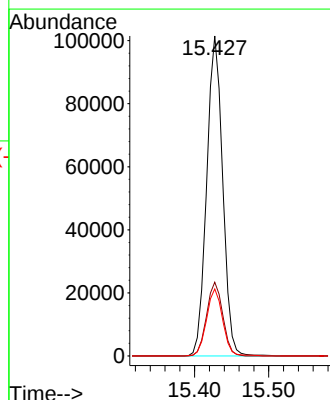
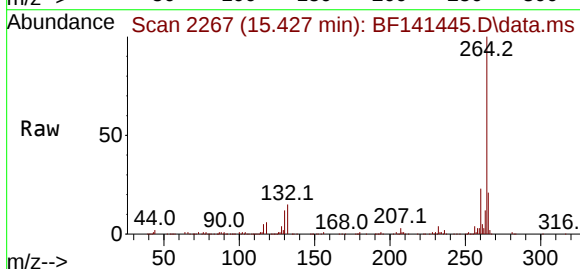
Tgt Ion:264 Resp: 151994

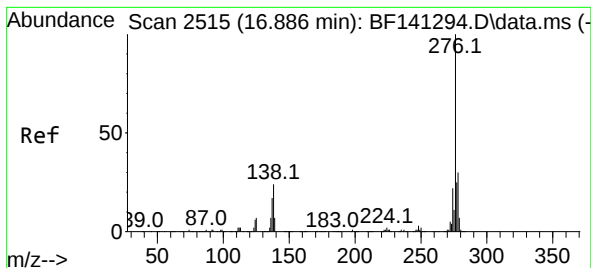
Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.0 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.047 ng

RT: 16.874 min Scan# 2196

Delta R.T. -0.024 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB166354BS

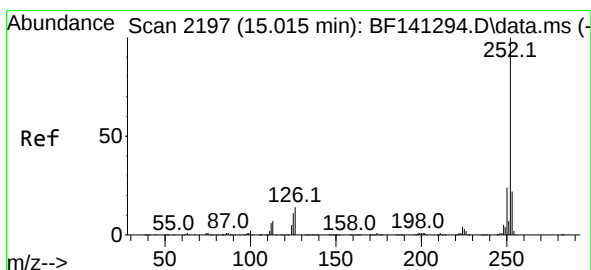
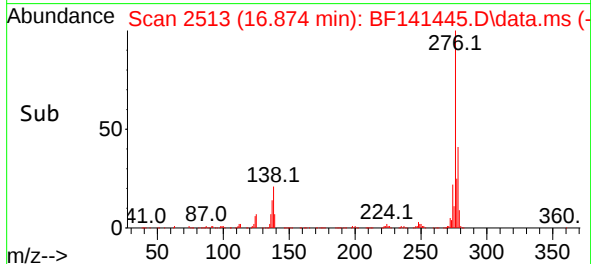
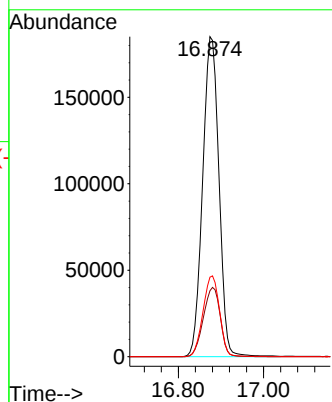
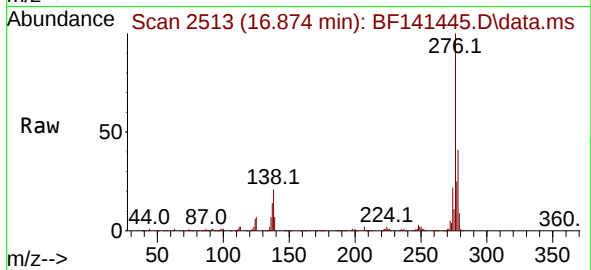
Tgt Ion:276 Resp: 490962

Ion Ratio Lower Upper

276 100

138 22.5 21.7 32.5

277 25.6 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 51.021 ng

RT: 15.010 min Scan# 2196

Delta R.T. -0.012 min

Lab File: BF141445.D

Acq: 05 Feb 2025 14:24

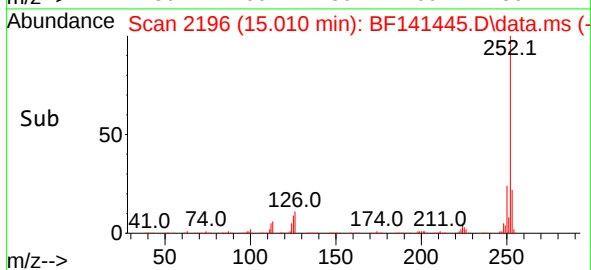
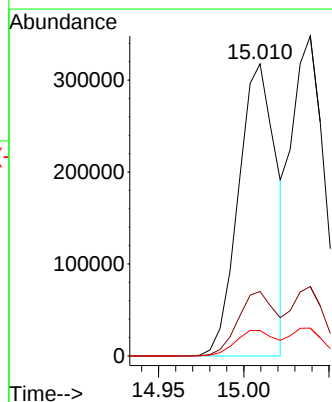
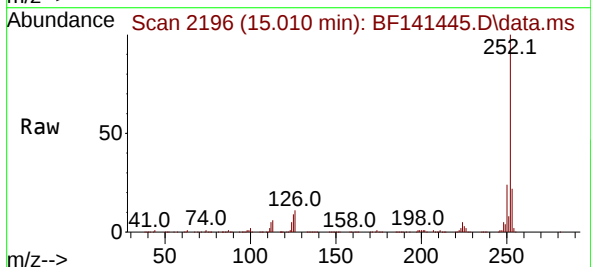
Tgt Ion:252 Resp: 487801

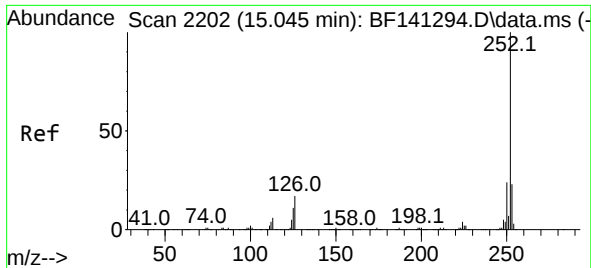
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 8.7 8.6 12.8

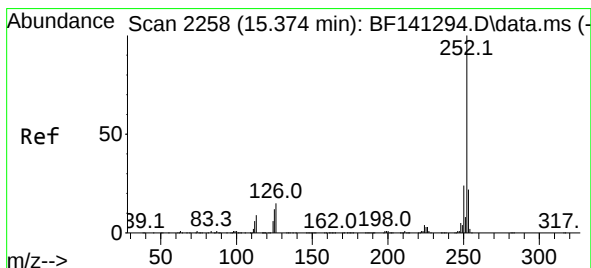
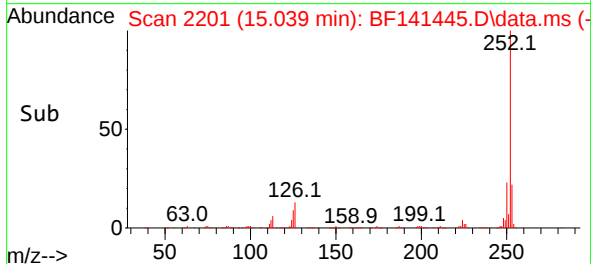
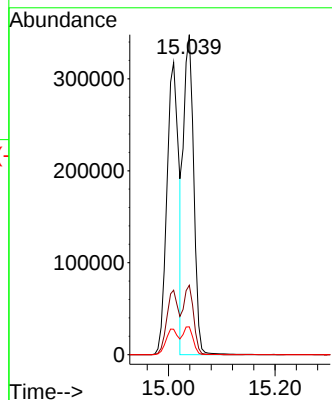
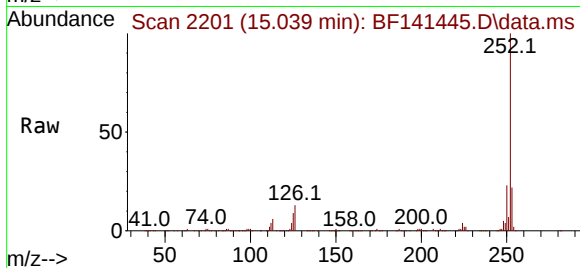




#89
Benzo(k)fluoranthene
Concen: 54.783 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

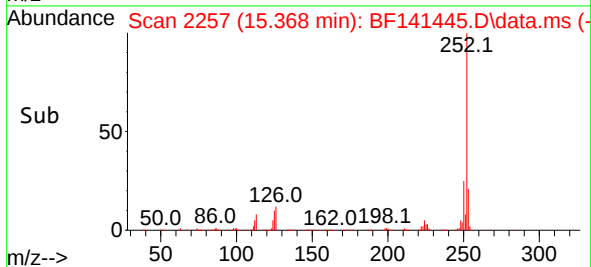
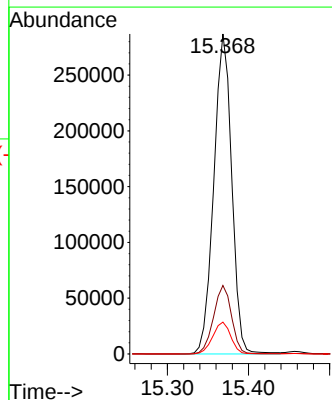
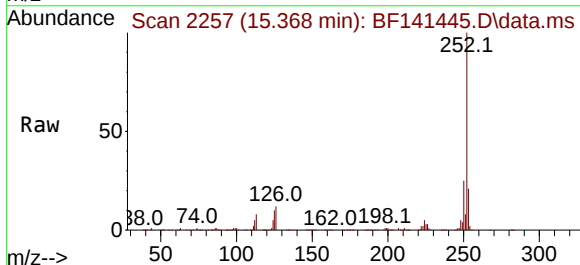
Instrument :
BNA_F
ClientSampleId :
PB166354BS

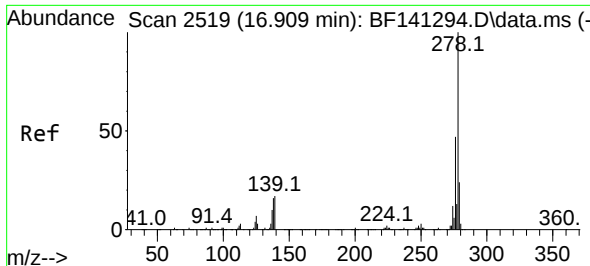
Tgt Ion:252 Resp: 464002
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 8.7 8.4 12.6



#90
Benzo(a)pyrene
Concen: 54.432 ng
RT: 15.368 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion:252 Resp: 439777
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 9.9 9.4 14.2

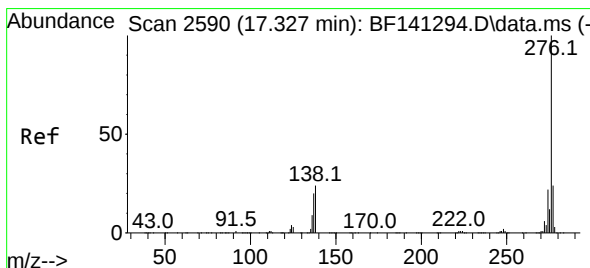
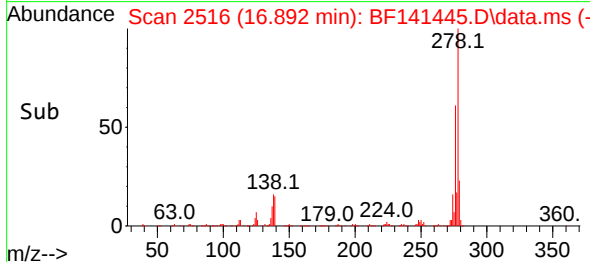
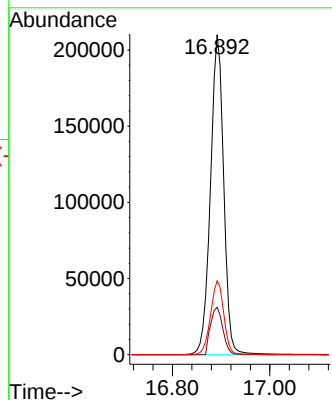
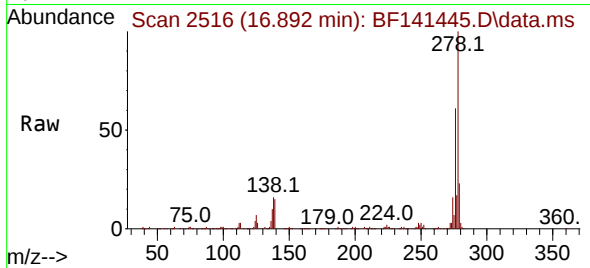




#91
Dibenzo(a,h)anthracene
Concen: 50.062 ng
RT: 16.892 min Scan# 21
Delta R.T. -0.030 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Instrument :
BNA_F
ClientSampleId :
PB166354BS

Tgt Ion:278 Resp: 395116
Ion Ratio Lower Upper
278 100
139 14.8 13.9 20.9
279 23.1 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 44.481 ng
RT: 17.309 min Scan# 2587
Delta R.T. -0.035 min
Lab File: BF141445.D
Acq: 05 Feb 2025 14:24

Tgt Ion:276 Resp: 365041
Ion Ratio Lower Upper
276 100
277 23.3 19.2 28.8
138 18.8 19.0 28.4#

