

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141444.D
 Acq On : 05 Feb 2025 13:58
 Operator : RC/JU
 Sample : PB166525BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166525BS

Quant Time: Feb 05 14:43:23 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	6.786	152	70182	20.000	ng	-0.02
21) Naphthalene-d8	8.075	136	270917	20.000	ng	#-0.01
39) Acenaphthene-d10	9.827	164	146640	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	253006	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	170069	20.000	ng	-0.01
86) Perylene-d12	15.427	264	150082	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	612828	134.054	ng	0.00
7) Phenol-d6	6.434	99	740558	127.341	ng	0.00
23) Nitrobenzene-d5	7.357	82	494377	96.199	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	205590	152.929	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	905878	95.084	ng	-0.01
79) Terphenyl-d14	12.904	244	1067122	96.767	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.551	88	74119	36.865	ng	96
3) Pyridine	3.275	79	174048	35.929	ng	94
4) n-Nitrosodimethylamine	3.222	42	124737	45.075	ng	86
6) Aniline	6.451	93	182095	36.990	ng	# 18
8) 2-Chlorophenol	6.581	128	209010	42.656	ng	96
9) Benzaldehyde	6.339	77	154371	45.827	ng	100
10) Phenol	6.445	94	249947	40.544	ng	# 66
11) bis(2-Chloroethyl)ether	6.528	93	188410	39.860	ng	99
12) 1,3-Dichlorobenzene	6.728	146	222982	41.273	ng	99
13) 1,4-Dichlorobenzene	6.804	146	225721	41.589	ng	99
14) 1,2-Dichlorobenzene	6.957	146	212718	41.856	ng	98
15) Benzyl Alcohol	6.933	79	184609	46.451	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	321021	39.056	ng	66
17) 2-Methylphenol	7.051	107	161798	40.629	ng	# 93
18) Hexachloroethane	7.298	117	85320	42.613	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	144607	41.847	ng	100
20) 3+4-Methylphenols	7.204	107	209932	42.934	ng	90
22) Acetophenone	7.198	105	320963	49.842	ng	# 99
24) Nitrobenzene	7.375	77	222650	41.807	ng	99
25) Isophorone	7.610	82	382756	43.086	ng	98
26) 2-Nitrophenol	7.686	139	111528	44.404	ng	93
27) 2,4-Dimethylphenol	7.733	122	162152	50.721	ng	96
28) bis(2-Chloroethoxy)met...	7.822	93	230233	40.631	ng	99
29) 2,4-Dichlorophenol	7.939	162	173755	44.395	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	187551	41.961	ng	99
31) Naphthalene	8.092	128	599691	41.902	ng	100
32) Benzoic acid	7.857	122	137129	46.660	ng	98
33) 4-Chloroaniline	8.145	127	78867	16.251	ng	99
34) Hexachlorobutadiene	8.210	225	118260	45.117	ng	99
35) Caprolactam	8.551	113	20346	15.918	ng	97
36) 4-Chloro-3-methylphenol	8.639	107	187890	44.756	ng	96
37) 2-Methylnaphthalene	8.786	142	375245	41.252	ng	99
38) 1-Methylnaphthalene	8.886	142	369648	41.369	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	206053	49.393	ng	98
41) Hexachlorocyclopentadiene	8.939	237	230655	187.215	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	122257	44.774	ng	99

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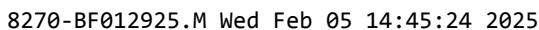
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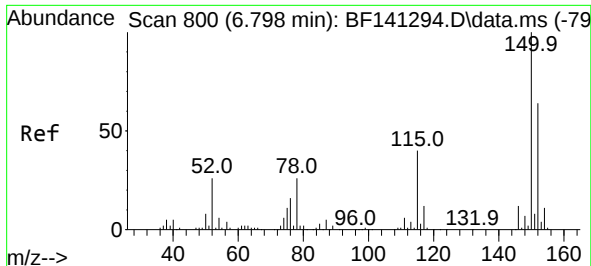
Quant Time: Feb 05 14:43:23 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	129684	43.637	ng	99
46) 1,1'-Biphenyl	9.251	154	545169	47.671	ng	98
47) 2-Chloronaphthalene	9.275	162	371176	41.640	ng	99
48) 2-Nitroaniline	9.374	65	126490	45.114	ng	97
49) Acenaphthylene	9.692	152	574189	46.017	ng	100
50) Dimethylphthalate	9.551	163	432218	43.641	ng	99
51) 2,6-Dinitrotoluene	9.616	165	96021	41.756	ng	95
52) Acenaphthene	9.863	154	371609	41.687	ng	98
53) 3-Nitroaniline	9.780	138	50131	22.242	ng	96
54) 2,4-Dinitrophenol	9.898	184	119030	111.349	ng	93
55) Dibenzofuran	10.033	168	519099	43.505	ng	96
56) 4-Nitrophenol	9.963	139	159299	96.643	ng	89
57) 2,4-Dinitrotoluene	10.022	165	137163	46.069	ng	94
58) Fluorene	10.380	166	415063	44.845	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	111673	47.763	ng	97
60) Diethylphthalate	10.257	149	424308	44.185	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	200349	44.315	ng	97
62) 4-Nitroaniline	10.398	138	97735	44.107	ng	89
63) Azobenzene	10.533	77	410979	42.755	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	75531	50.471	ng	94
66) n-Nitrosodiphenylamine	10.492	169	365376	44.650	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	122578	43.276	ng	100
68) Hexachlorobenzene	10.927	284	131549	43.783	ng	99
69) Atrazine	11.021	200	142140	51.951	ng	98
70) Pentachlorophenol	11.127	266	164425	93.454	ng	99
71) Phenanthrene	11.339	178	634856	46.680	ng	100
72) Anthracene	11.392	178	650983	48.852	ng	100
73) Carbazole	11.551	167	559736	47.370	ng	99
74) Di-n-butylphthalate	11.880	149	652645	45.576	ng	99
75) Fluoranthene	12.533	202	668611	49.790	ng	97
77) Benzidine	12.657	184	224457	41.169	ng	99
78) Pyrene	12.757	202	682267	41.793	ng	100
80) Butylbenzylphthalate	13.380	149	261575	45.864	ng	99
81) Benzo(a)anthracene	13.951	228	502103	42.784	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	78216	20.955	ng	99
83) Chrysene	13.992	228	481401	44.759	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	325306	44.964	ng	99
85) Di-n-octyl phthalate	14.568	149	473599	42.146	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	436877	45.101	ng	95
88) Benzo(b)fluoranthene	15.004	252	445506	47.191	ng	98
89) Benzo(k)fluoranthene	15.033	252	366553	43.829	ng	98
90) Benzo(a)pyrene	15.368	252	390312	48.925	ng	98
91) Dibenzo(a,h)anthracene	16.892	278	352311	45.207	ng	97
92) Benzo(g,h,i)perylene	17.309	276	332118	40.985	ng	95

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

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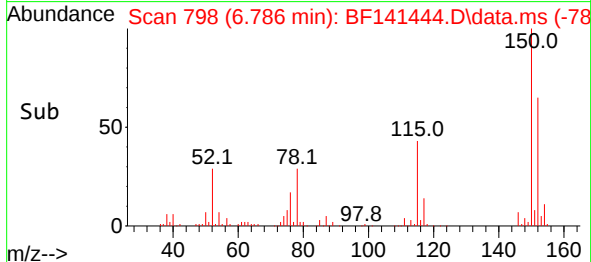
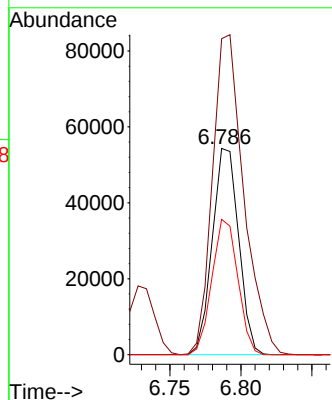
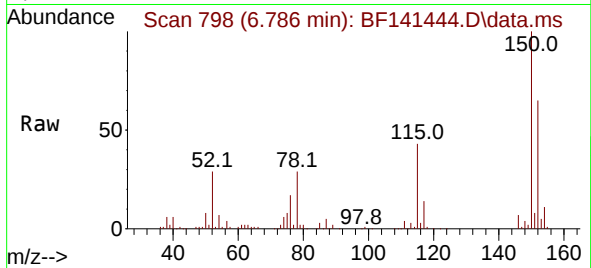




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.018 min
Lab File: BF141444.D
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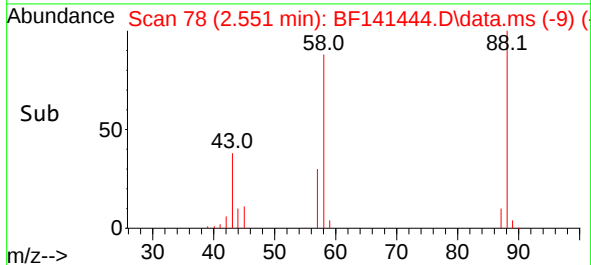
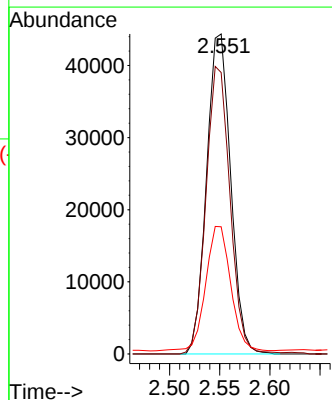
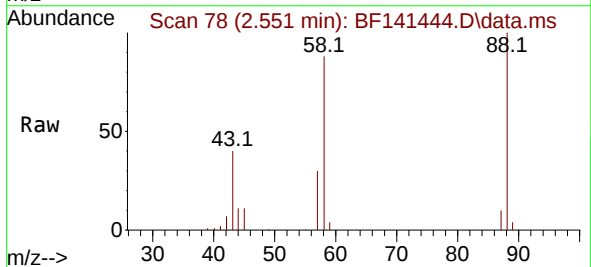
Instrument :
BNA_F
ClientSampleId :
PB166525BS

Tgt Ion:152 Resp: 70182
Ion Ratio Lower Upper
152 100
150 153.3 125.9 188.9
115 65.6 49.7 74.5



#2
1,4-Dioxane
Concen: 36.865 ng
RT: 2.551 min Scan# 78
Delta R.T. 0.059 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion: 88 Resp: 74119
Ion Ratio Lower Upper
88 100
58 89.7 70.2 105.4
43 40.3 27.6 41.4





#3

Pyridine

Concen: 35.929 ng

RT: 3.275 min Scan# 20

Delta R.T. 0.047 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

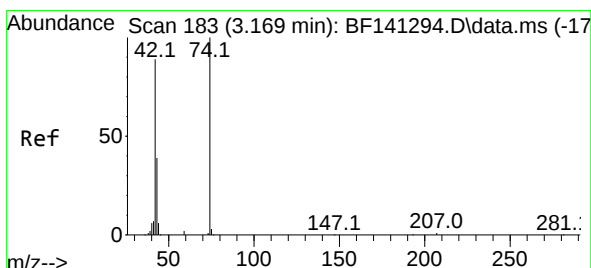
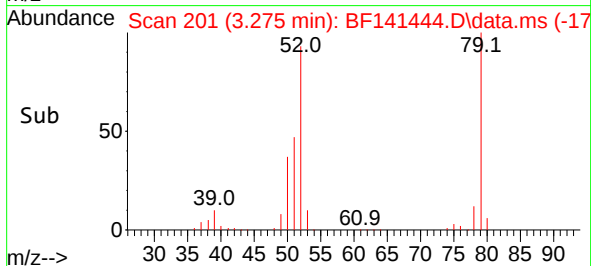
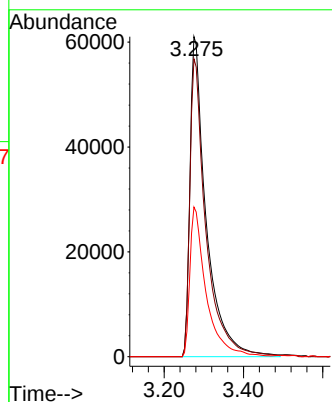
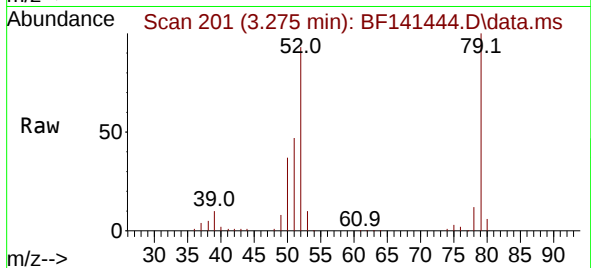
Tgt Ion: 79 Resp: 174048

Ion Ratio Lower Upper

79 100

52 93.0 70.3 105.5

51 46.8 34.3 51.5



#4

n-Nitrosodimethylamine

Concen: 45.075 ng

RT: 3.222 min Scan# 192

Delta R.T. 0.023 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

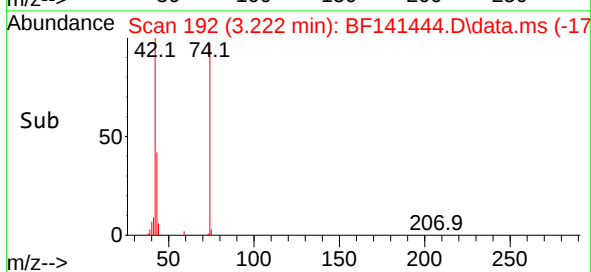
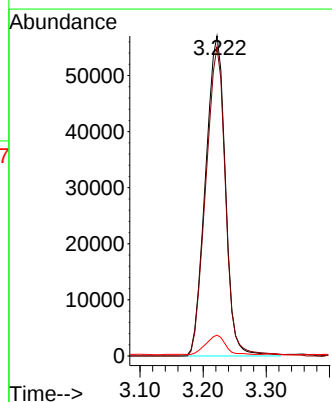
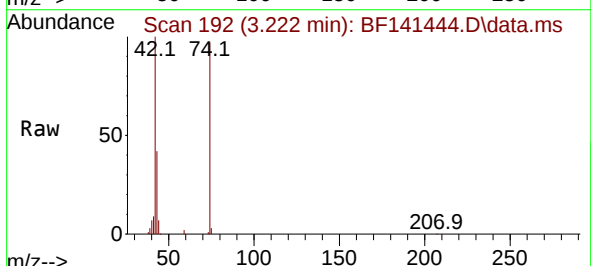
Tgt Ion: 42 Resp: 124737

Ion Ratio Lower Upper

42 100

74 96.6 90.3 135.5

44 6.5 5.7 8.5

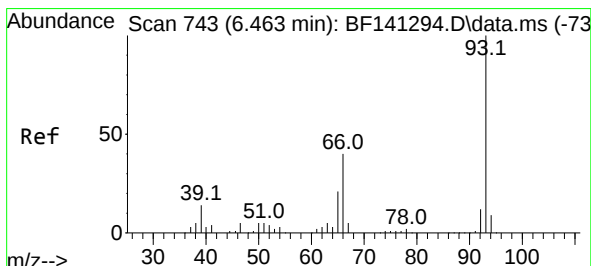
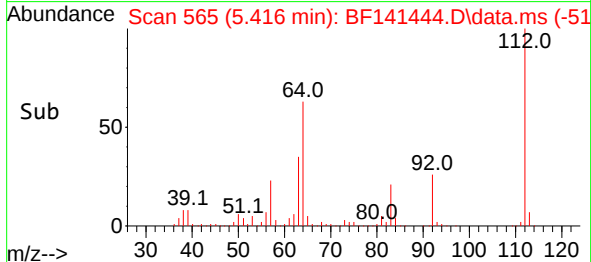
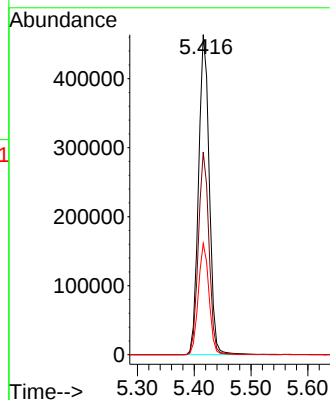
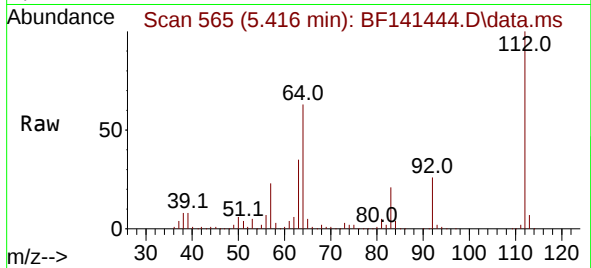




#5
2-Fluorophenol
Concen: 134.054 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

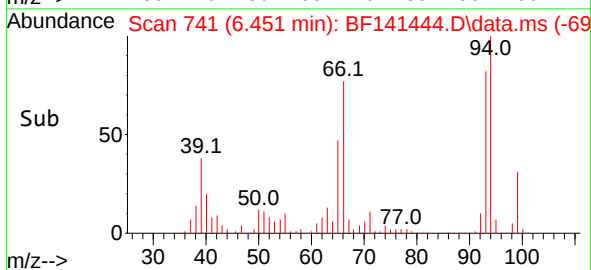
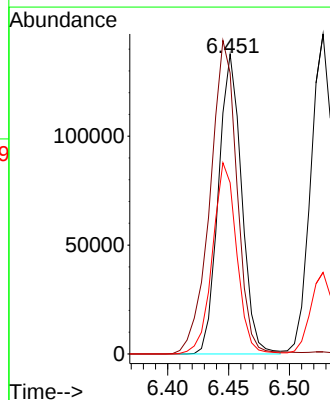
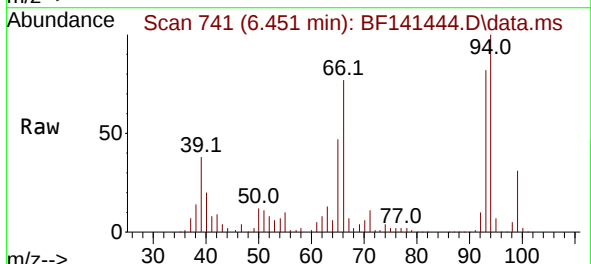
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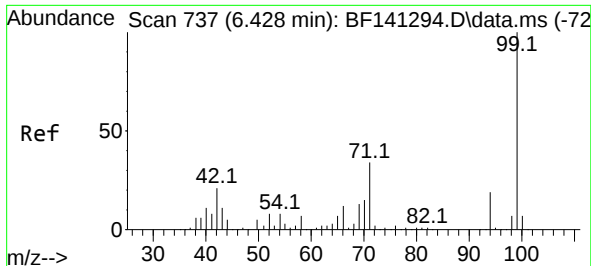
Tgt Ion:112 Resp: 612828
Ion Ratio Lower Upper
112 100
64 63.3 49.8 74.8
63 34.7 26.1 39.1



#6
Aniline
Concen: 36.990 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion: 93 Resp: 182095
Ion Ratio Lower Upper
93 100
66 93.7 32.5 48.7#
65 57.1 17.0 25.6#

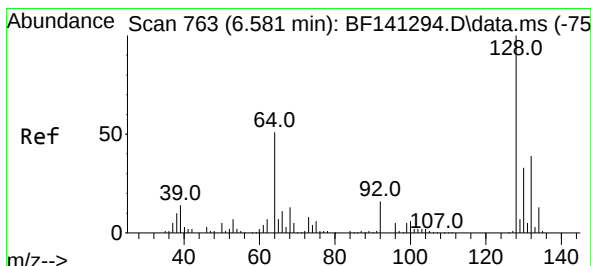
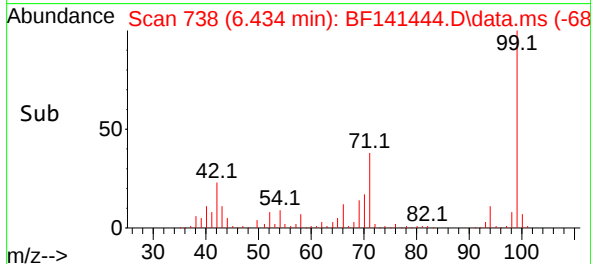
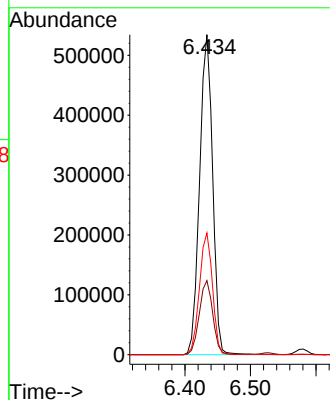
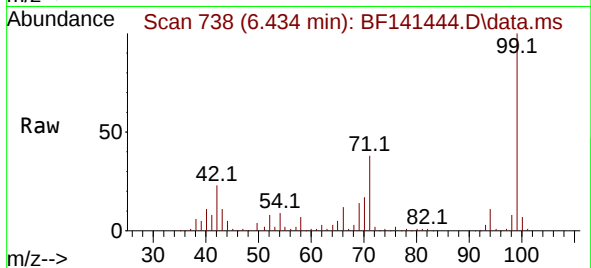




#7
Phenol-d6
Concen: 127.341 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

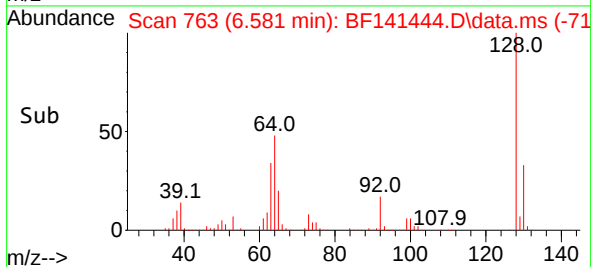
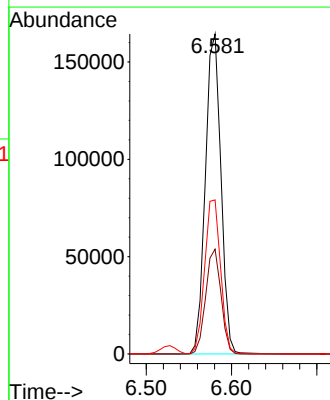
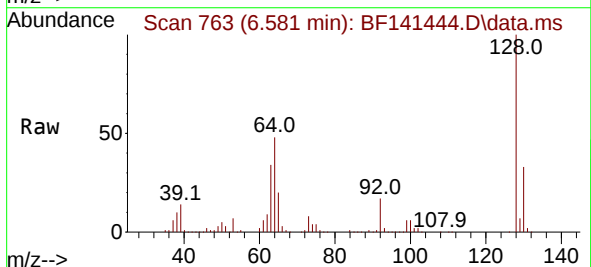
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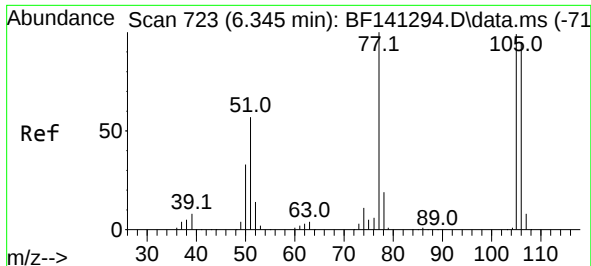
Tgt Ion: 99 Resp: 740558
Ion Ratio Lower Upper
99 100
42 23.1 17.1 25.7
71 38.1 26.9 40.3



#8
2-Chlorophenol
Concen: 42.656 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:128 Resp: 209010
Ion Ratio Lower Upper
128 100
130 32.8 12.5 52.5
64 48.2 32.9 72.9

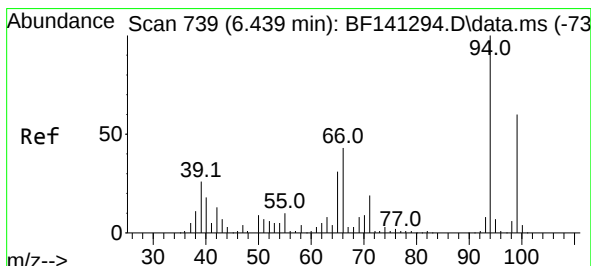
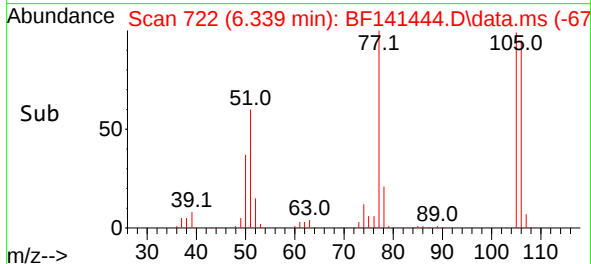
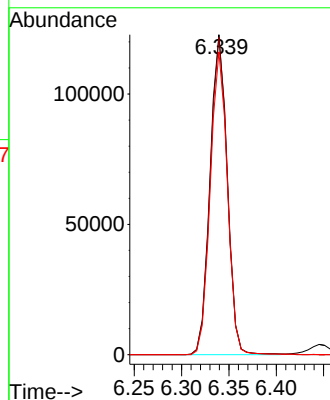
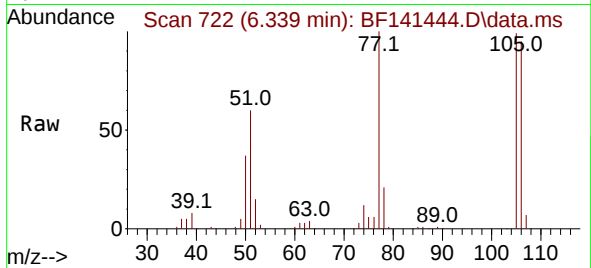




#9
Benzaldehyde
Concen: 45.827 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

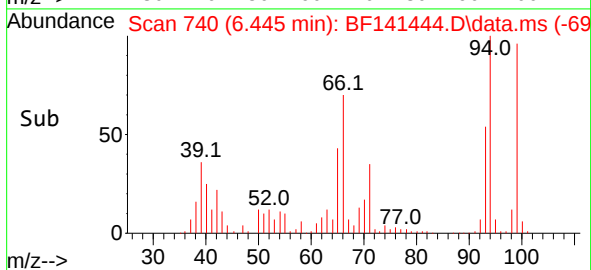
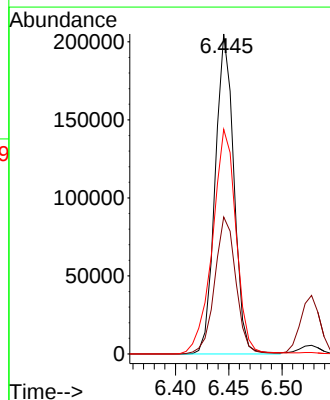
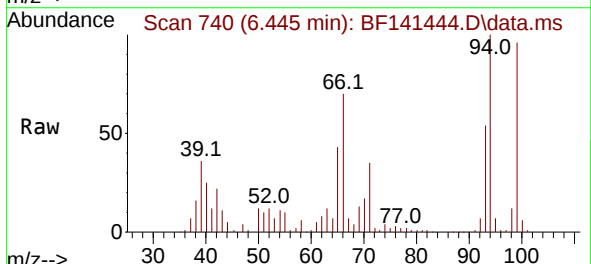
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 154371
Ion Ratio Lower Upper
77 100
105 99.2 79.4 119.4
106 94.7 74.6 114.6



#10
Phenol
Concen: 40.544 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion: 94 Resp: 249947
Ion Ratio Lower Upper
94 100
65 42.8 10.8 50.8
66 70.2 23.3 63.3#





#11

bis(2-Chloroethyl)ether

Concen: 39.860 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

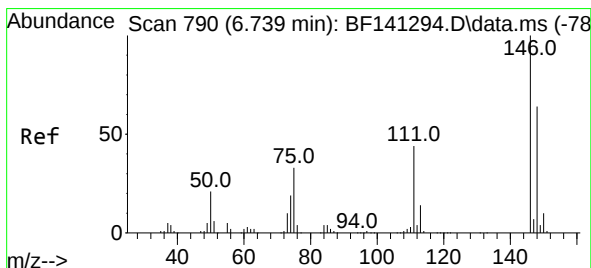
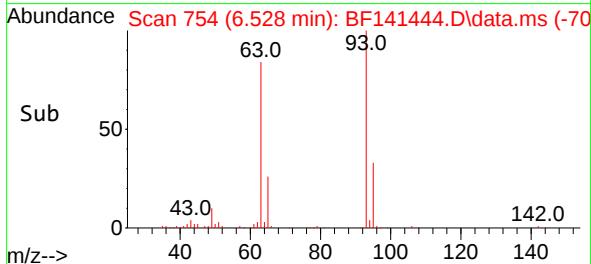
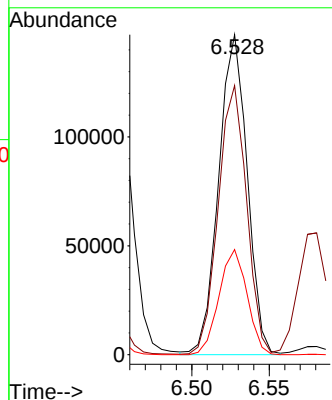
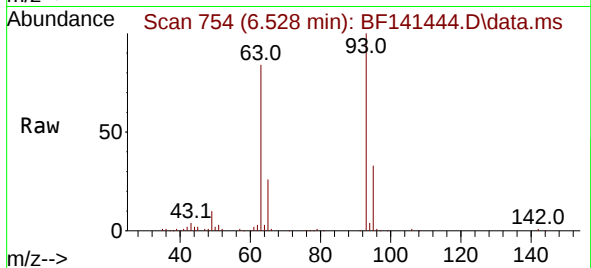
Tgt Ion: 93 Resp: 188410

Ion Ratio Lower Upper

93 100

63 84.1 65.0 105.0

95 32.9 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 41.273 ng

RT: 6.728 min Scan# 788

Delta R.T. -0.018 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

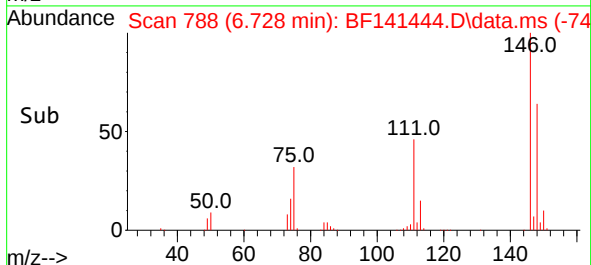
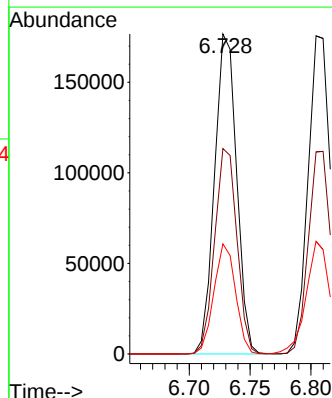
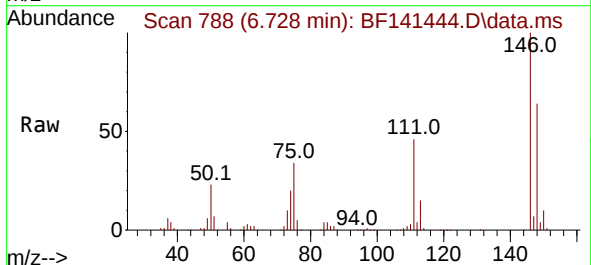
Tgt Ion: 146 Resp: 222982

Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

75 34.4 26.2 39.4

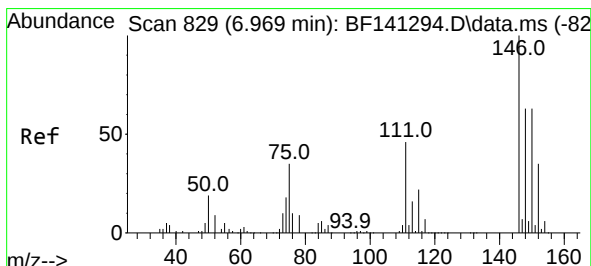
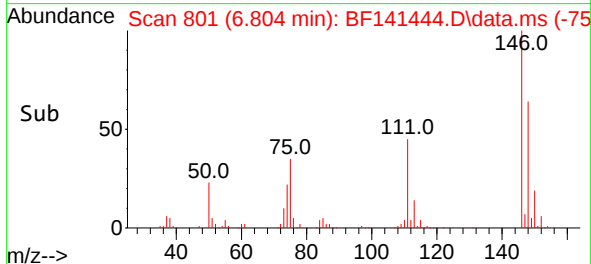
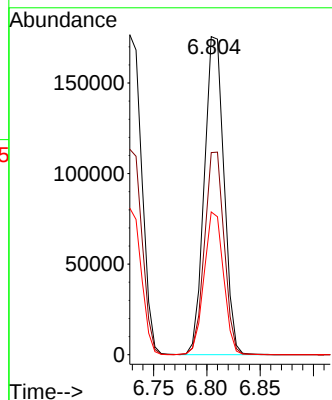
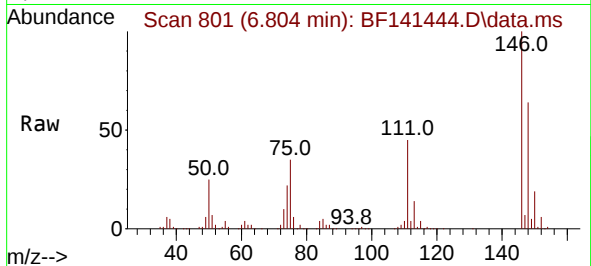




#13
1,4-Dichlorobenzene
Concen: 41.589 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

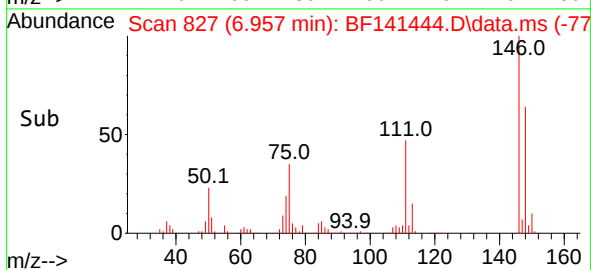
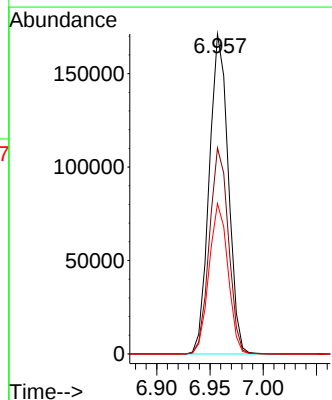
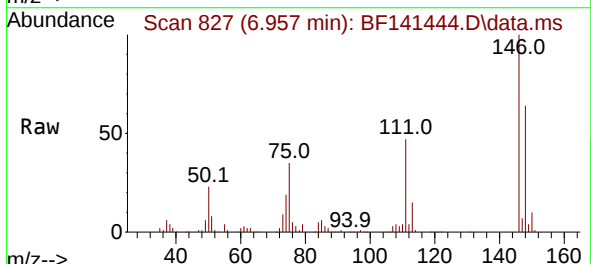
Instrument :
BNA_F
ClientSampleId :
PB166525BS

Tgt Ion:146 Resp: 225721
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
111 44.9 35.0 52.4



#14
1,2-Dichlorobenzene
Concen: 41.856 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:146 Resp: 212718
Ion Ratio Lower Upper
146 100
148 64.4 50.5 75.7
111 47.0 36.6 55.0

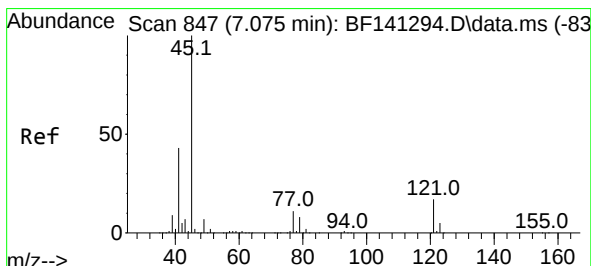
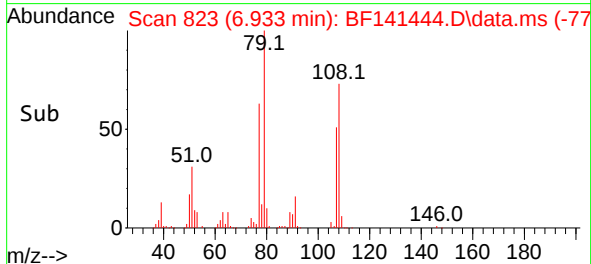
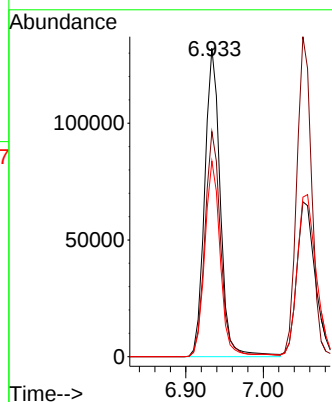
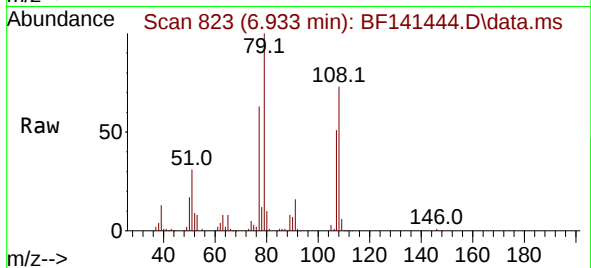




#15
Benzyl Alcohol
Concen: 46.451 ng
RT: 6.933 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

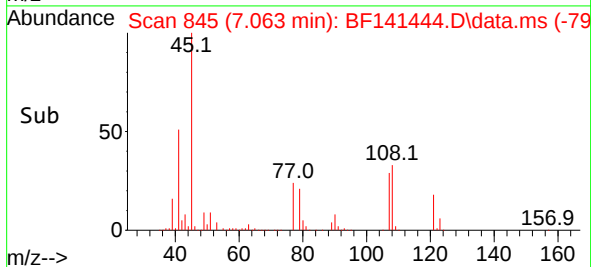
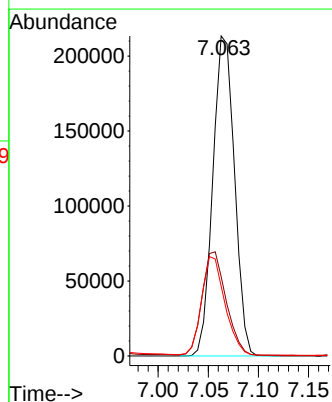
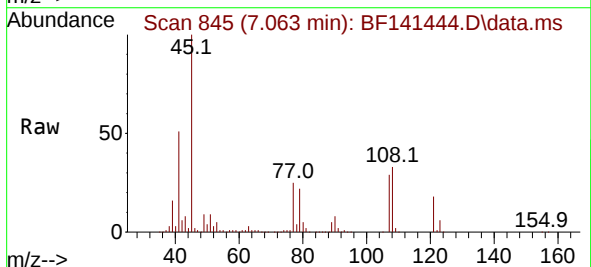
Instrument :
BNA_F
ClientSampleId :
PB166525BS

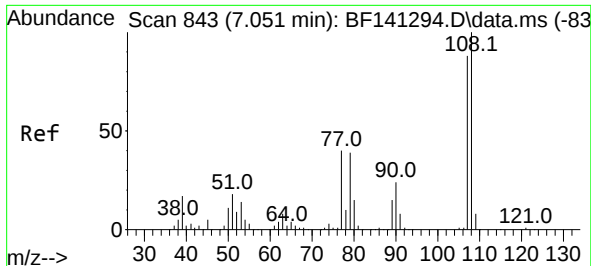
Tgt Ion: 79 Resp: 184609
Ion Ratio Lower Upper
79 100
108 73.0 61.4 92.0
77 63.5 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.056 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion: 45 Resp: 321021
Ion Ratio Lower Upper
45 100
77 24.8 0.0 31.8
79 21.8 0.0 29.1

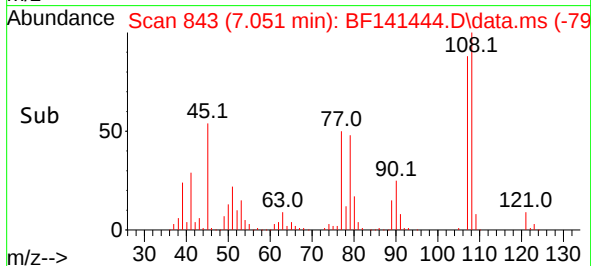
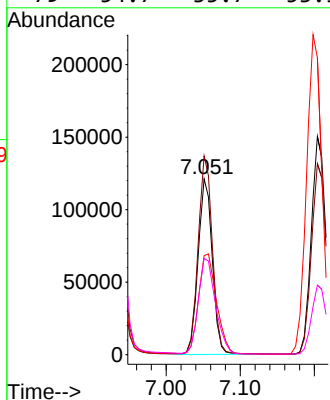
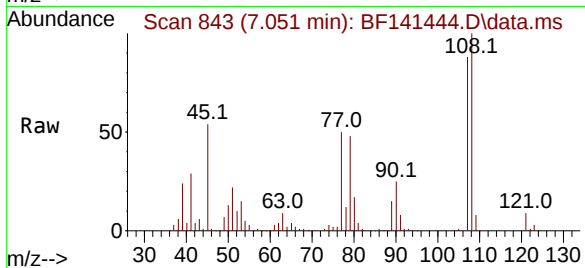




#17
2-Methylphenol
Concen: 40.629 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

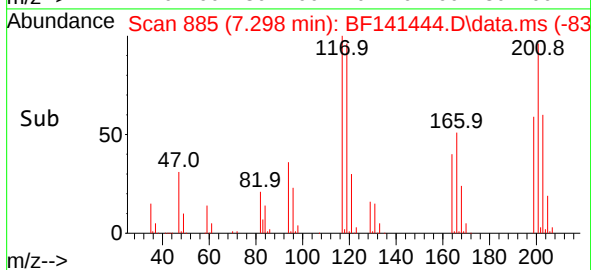
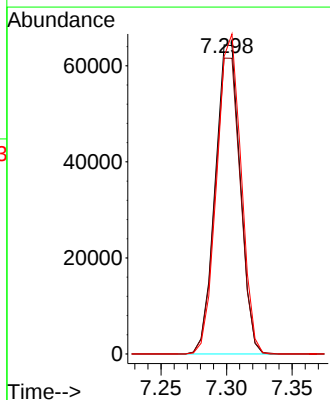
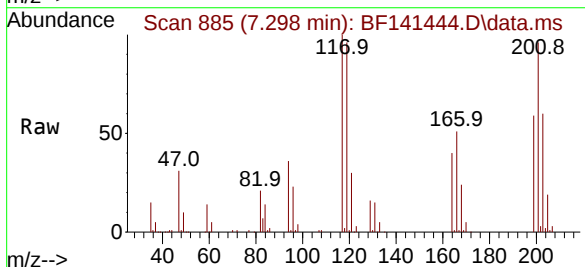
Instrument :
BNA_F
ClientSampleId :
PB166525BS

Tgt Ion:107 Resp: 161798
Ion Ratio Lower Upper
107 100
108 113.1 90.8 136.2
77 56.4 36.2 54.4#
79 54.7 35.7 53.5#



#18
Hexachloroethane
Concen: 42.613 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:117 Resp: 85320
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8
201 96.3 74.8 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 41.847 ng

RT: 7.204 min Scan# 8

Delta R.T. -0.024 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

Tgt Ion: 70 Resp: 144607

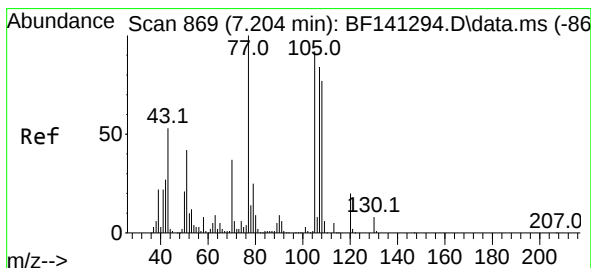
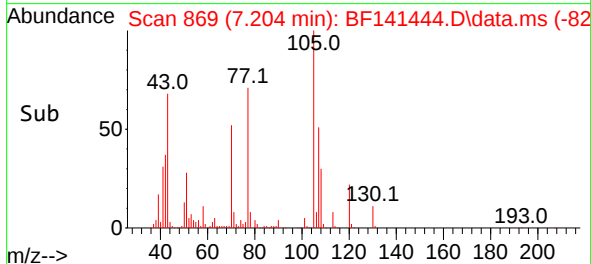
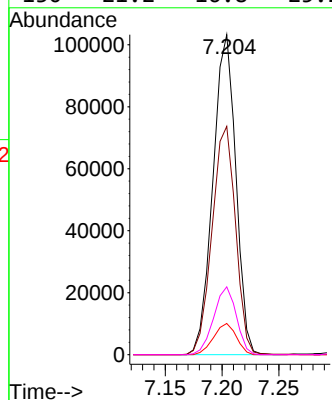
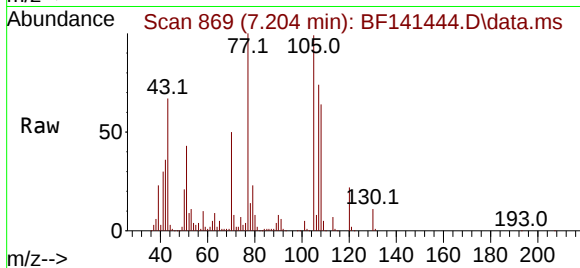
Ion Ratio Lower Upper

70 100

42 71.4 56.8 85.2

101 9.7 7.7 11.5

130 21.2 16.8 25.2



#20

3+4-Methylphenols

Concen: 42.934 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Tgt Ion:107 Resp: 209932

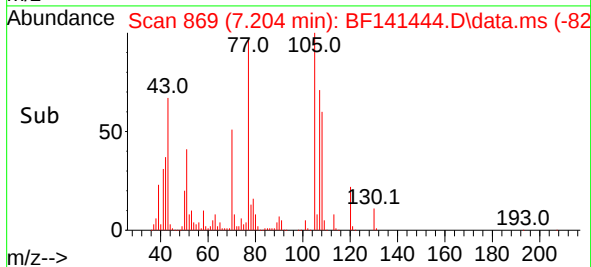
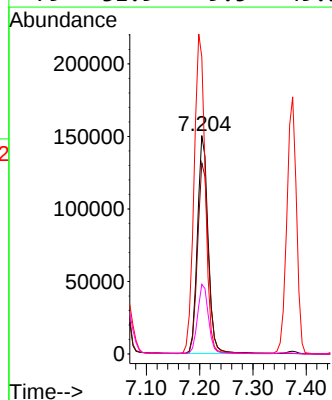
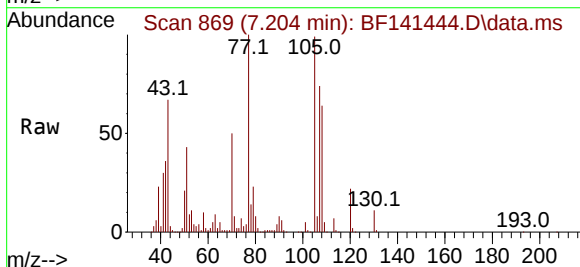
Ion Ratio Lower Upper

107 100

108 87.5 70.9 110.9

77 136.0 98.5 138.5

79 31.9 9.5 49.5

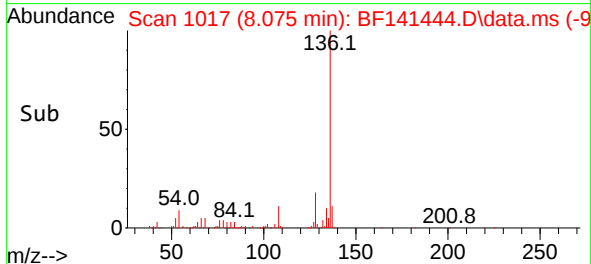
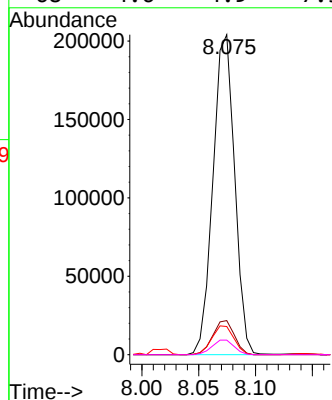
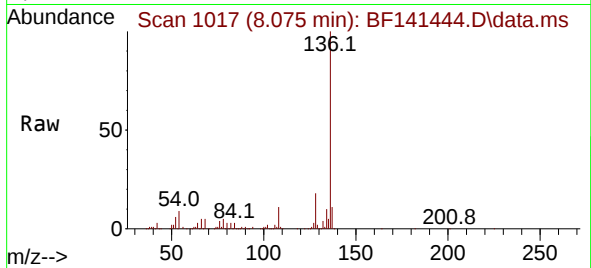




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

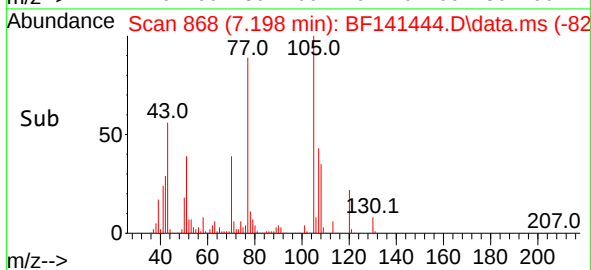
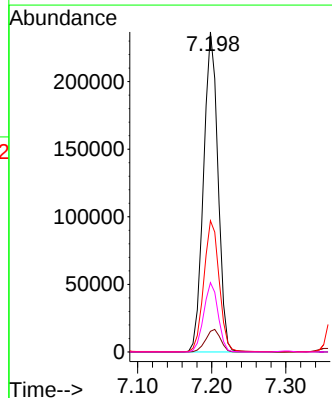
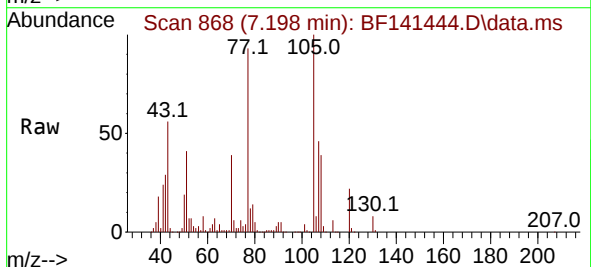
Instrument :
BNA_F
ClientSampleId :
PB166525BS

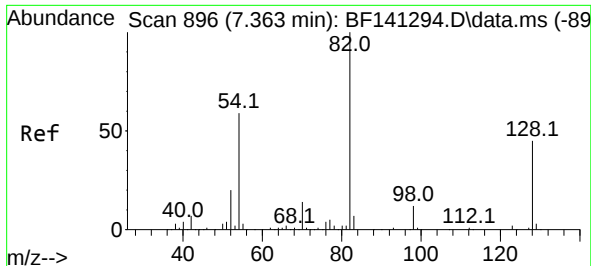
Tgt Ion:	136	Resp:	270917
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	13.0
54	8.8	7.8	11.8
68	4.6	4.9	7.3



#22
Acetophenone
Concen: 49.842 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:	105	Resp:	320963
Ion Ratio	Lower	Upper	
105	100		
71	6.4	6.8	10.2
51	41.0	32.6	49.0
120	21.7	17.4	26.0





#23

Nitrobenzene-d5

Concen: 96.199 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

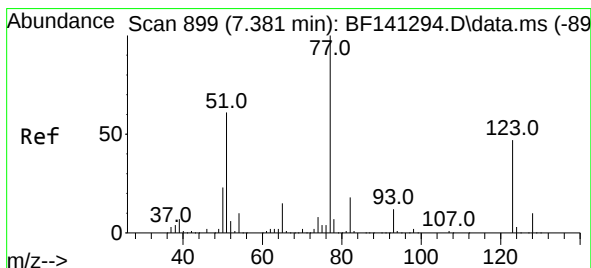
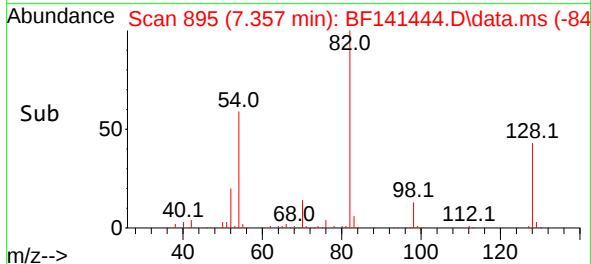
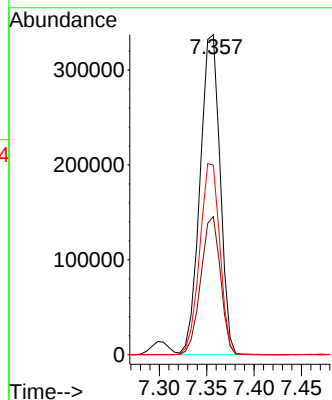
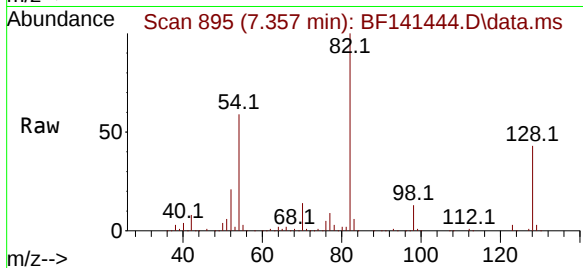
Tgt Ion: 82 Resp: 494377

Ion Ratio Lower Upper

82 100

128 43.1 35.7 53.5

54 59.3 47.1 70.7



#24

Nitrobenzene

Concen: 41.807 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

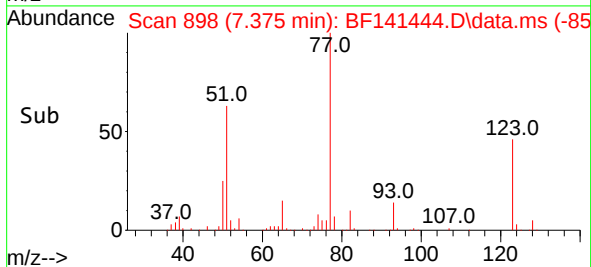
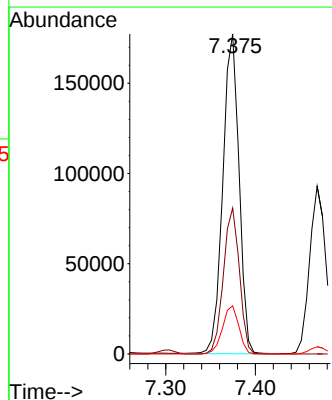
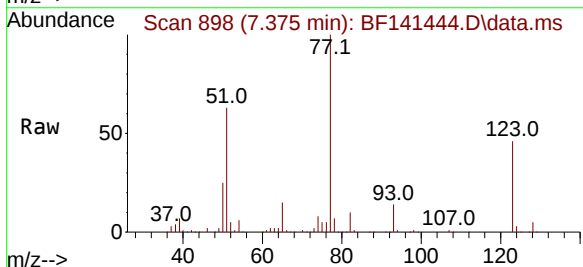
Tgt Ion: 77 Resp: 222650

Ion Ratio Lower Upper

77 100

123 45.6 37.3 55.9

65 15.1 11.8 17.6

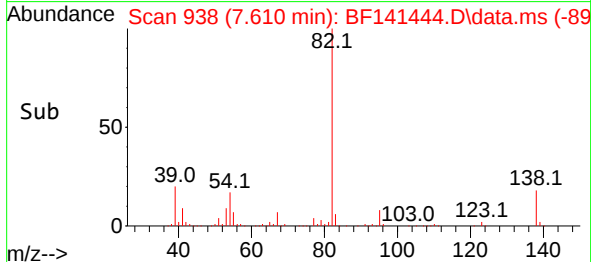
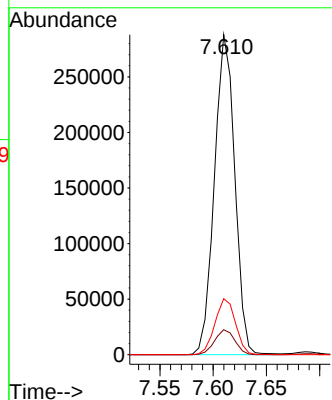
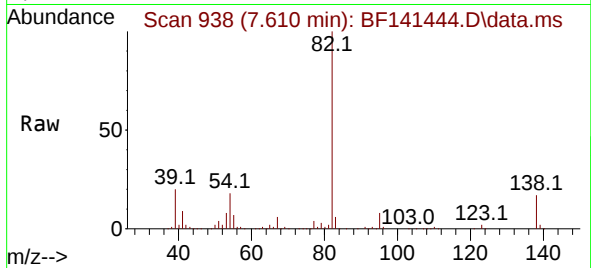




#25
Isophorone
Concen: 43.086 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

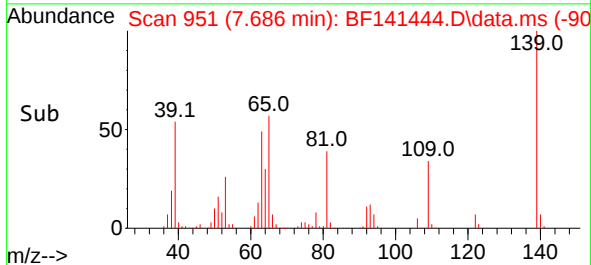
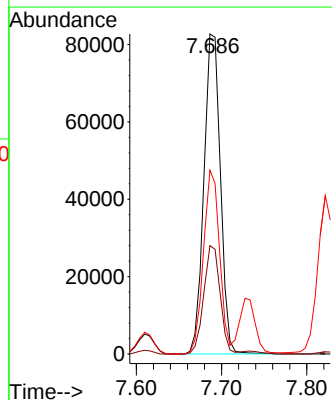
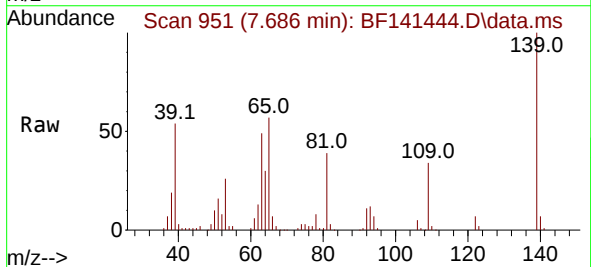
Instrument :
BNA_F
ClientSampleId :
PB166525BS

Tgt Ion: 82 Resp: 382756
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 17.5 14.7 22.1



#26
2-Nitrophenol
Concen: 44.404 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:139 Resp: 111528
Ion Ratio Lower Upper
139 100
109 33.9 23.8 35.6
65 57.4 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 50.721 ng

RT: 7.733 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

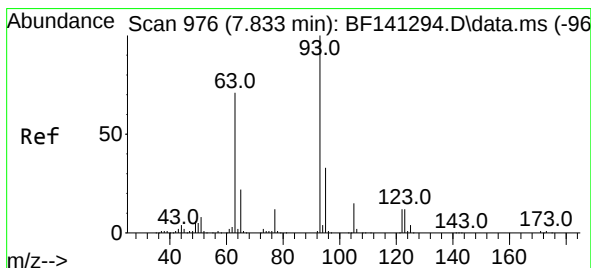
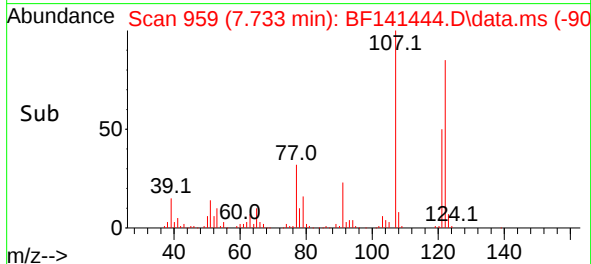
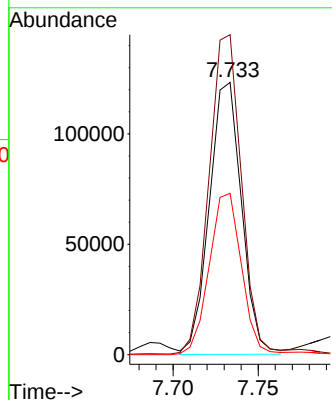
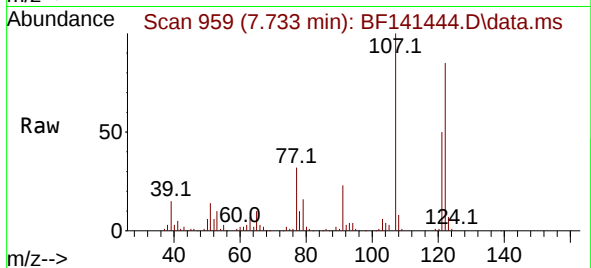
Tgt Ion:122 Resp: 162152

Ion Ratio Lower Upper

122 100

107 117.5 89.9 134.9

121 59.2 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 40.631 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.018 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

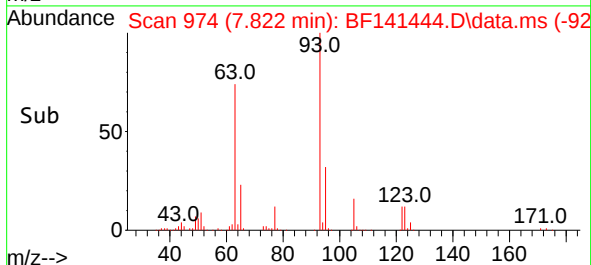
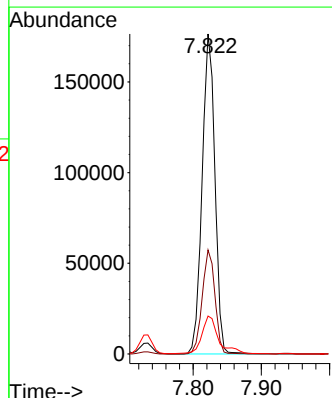
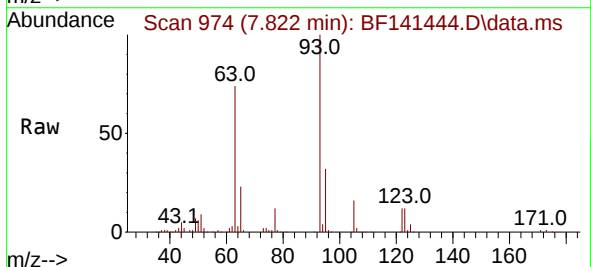
Tgt Ion: 93 Resp: 230233

Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 11.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 44.395 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

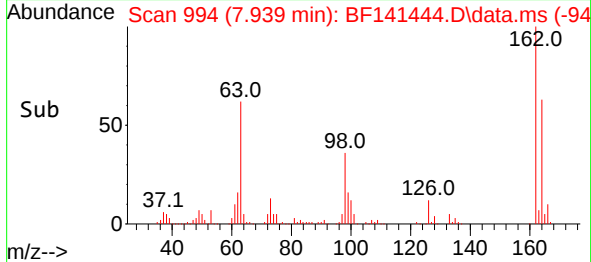
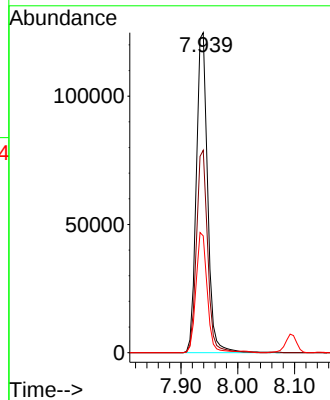
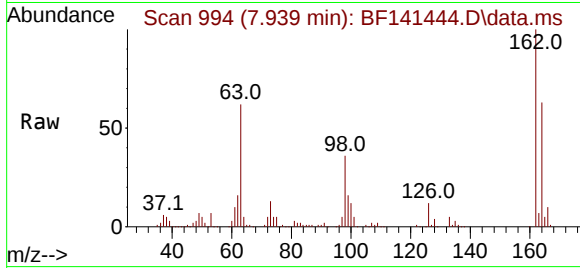
Tgt Ion:162 Resp: 173755

Ion Ratio Lower Upper

162 100

164 63.3 44.2 84.2

98 36.5 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 41.961 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

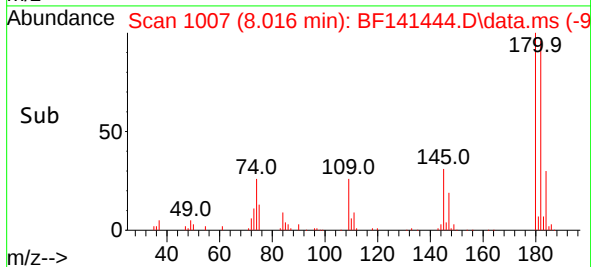
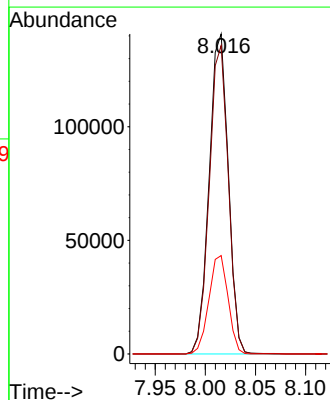
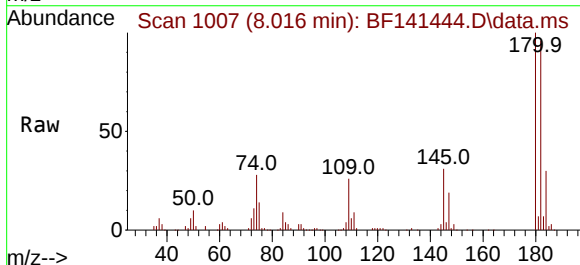
Tgt Ion:180 Resp: 187551

Ion Ratio Lower Upper

180 100

182 96.4 76.4 114.6

145 30.8 24.9 37.3

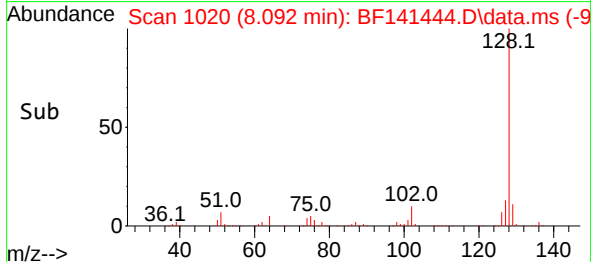
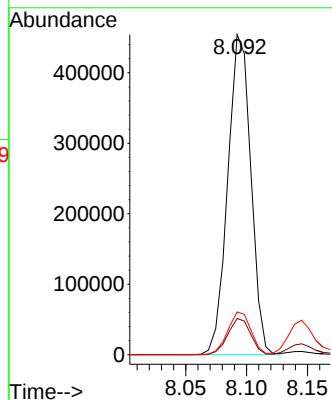
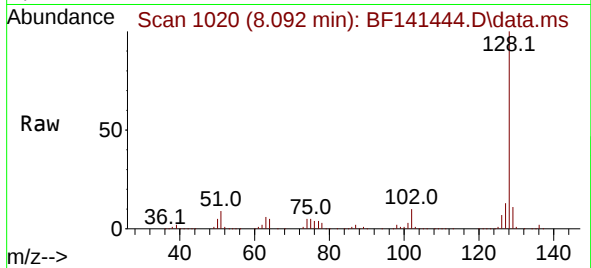




#31
Naphthalene
Concen: 41.902 ng
RT: 8.092 min Scan# 10
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

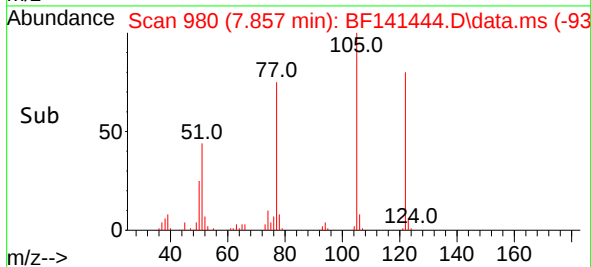
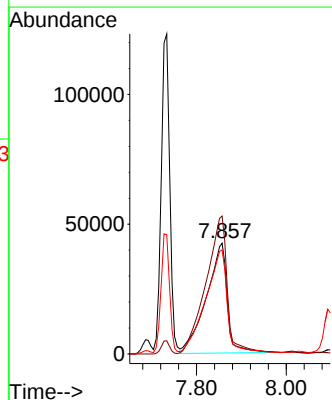
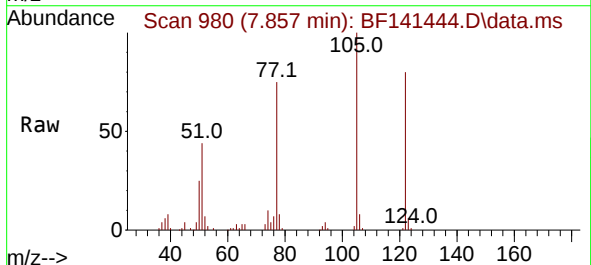
Instrument :
BNA_F
ClientSampleId :
PB166525BS

Tgt Ion:128 Resp: 599691
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 46.660 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.024 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:122 Resp: 137129
Ion Ratio Lower Upper
122 100
105 124.5 103.4 143.4
77 93.9 70.9 110.9

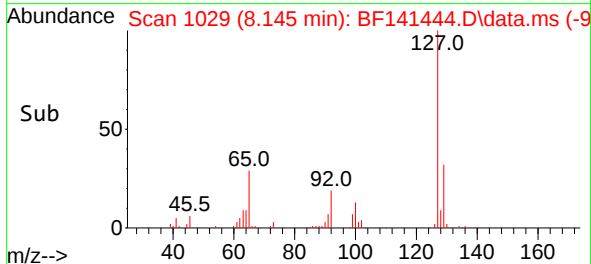
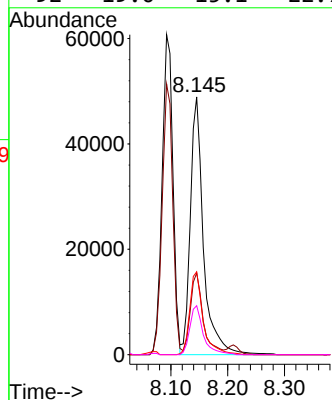
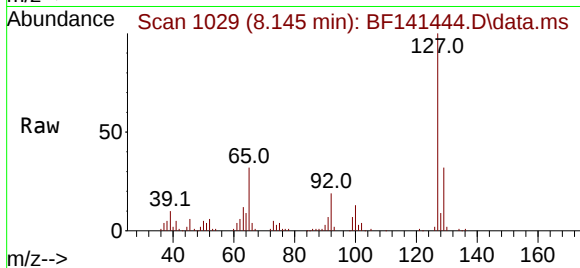




#33
4-Chloroaniline
Concen: 16.251 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

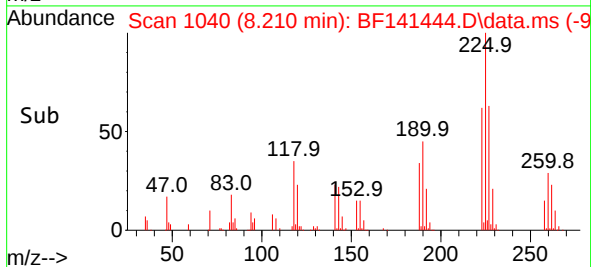
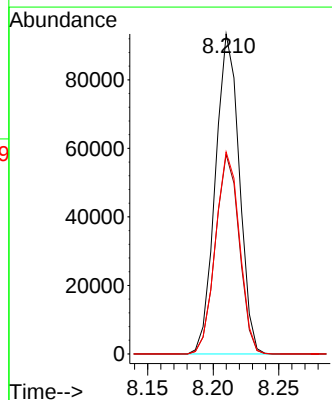
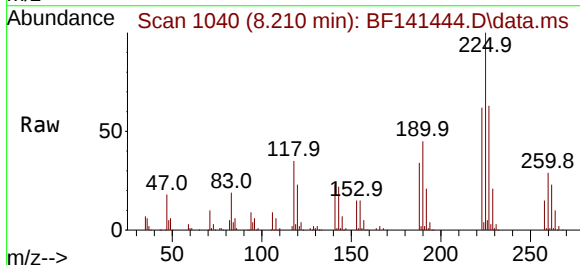
Instrument :
BNA_F
ClientSampleId :
PB166525BS

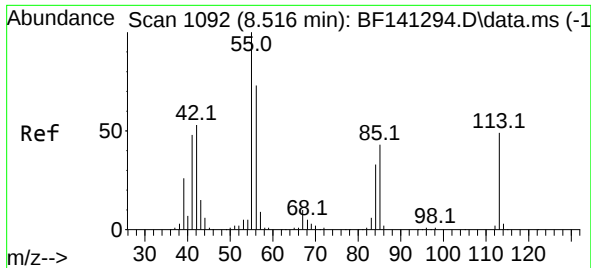
Tgt Ion:	127	Resp:	78867
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	32.2	26.4	39.6
92	19.0	15.1	22.7



#34
Hexachlorobutadiene
Concen: 45.117 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:	225	Resp:	118260
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.4	75.6
227	63.1	51.3	76.9

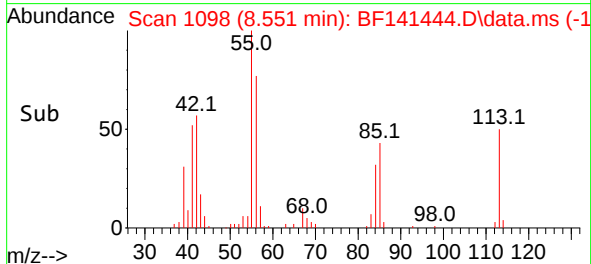
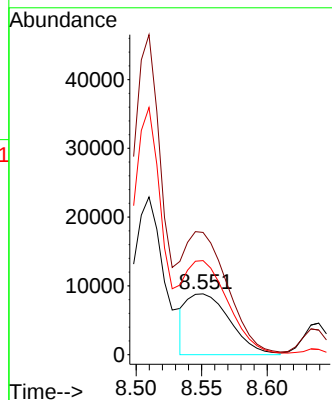
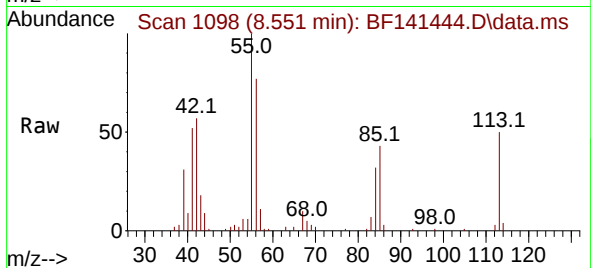




#35
 Caprolactam
 Concen: 15.918 ng
 RT: 8.551 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF141444.D
 Acq: 05 Feb 2025 13:58

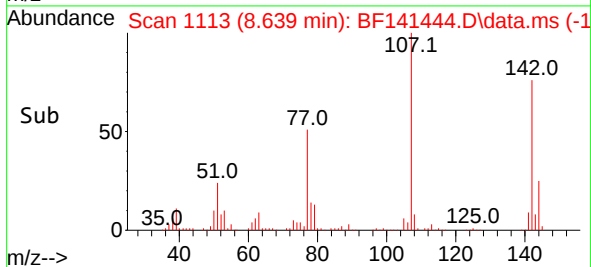
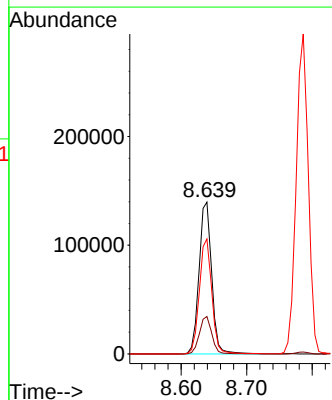
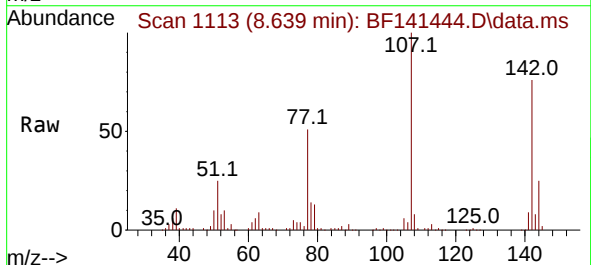
Instrument :
 BNA_F
 ClientSampleId :
 PB166525BS

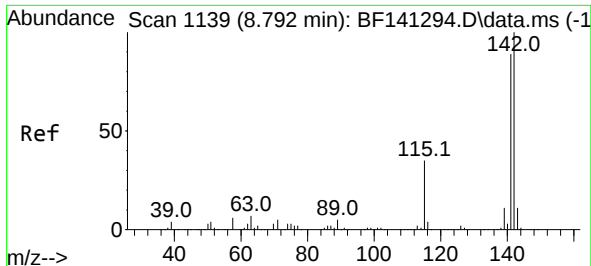
Tgt Ion:113 Resp: 20346
 Ion Ratio Lower Upper
 113 100
 55 201.2 182.9 222.9
 56 154.9 127.9 167.9



#36
 4-Chloro-3-methylphenol
 Concen: 44.756 ng
 RT: 8.639 min Scan# 1113
 Delta R.T. -0.000 min
 Lab File: BF141444.D
 Acq: 05 Feb 2025 13:58

Tgt Ion:107 Resp: 187890
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.7 31.1
 142 75.8 63.8 95.8





#37

2-Methylnaphthalene

Concen: 41.252 ng

RT: 8.786 min Scan# 1138

Delta R.T. -0.012 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

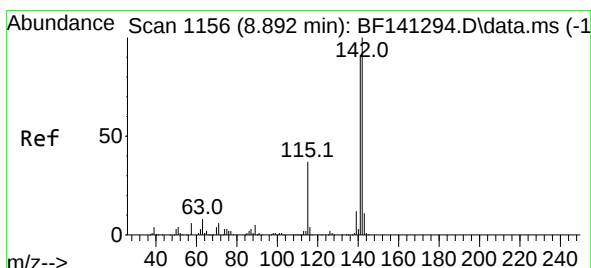
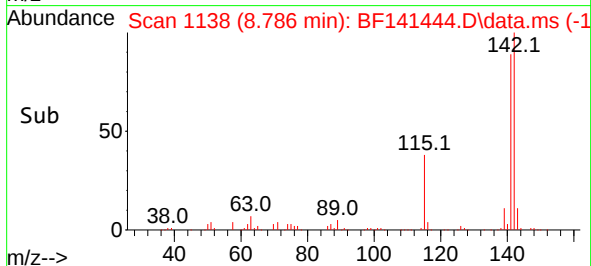
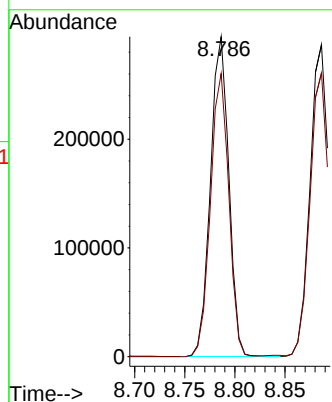
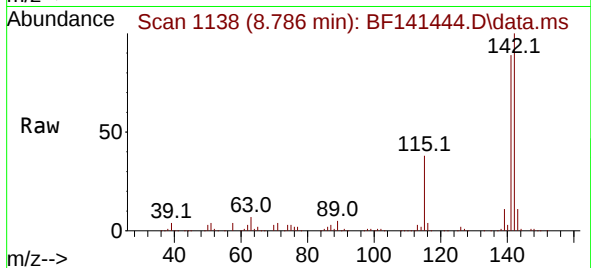
PB166525BS

Tgt Ion:142 Resp: 375245

Ion Ratio Lower Upper

142 100

141 88.5 71.3 106.9



#38

1-Methylnaphthalene

Concen: 41.369 ng

RT: 8.886 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BF141444.D

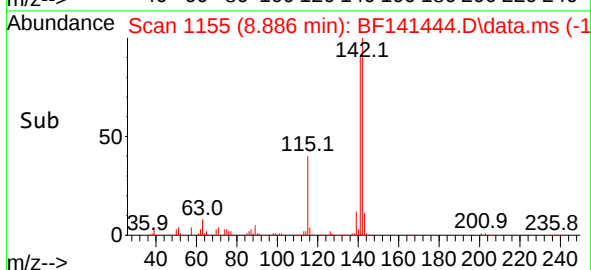
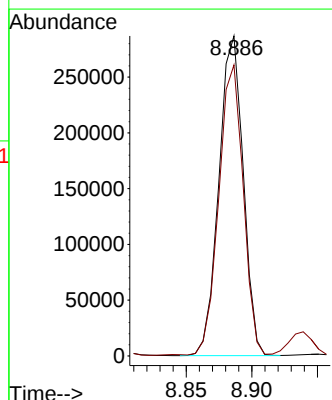
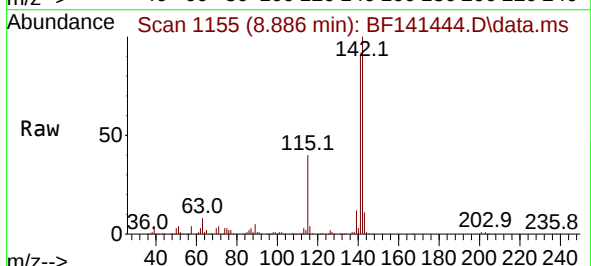
Acq: 05 Feb 2025 13:58

Tgt Ion:142 Resp: 369648

Ion Ratio Lower Upper

142 100

141 91.0 73.2 109.8

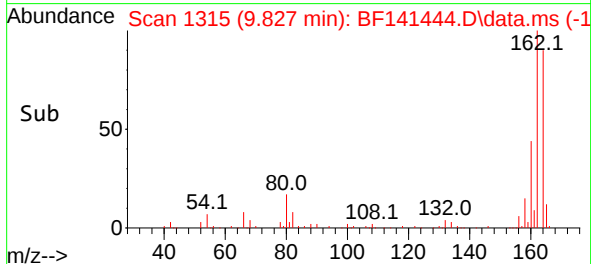
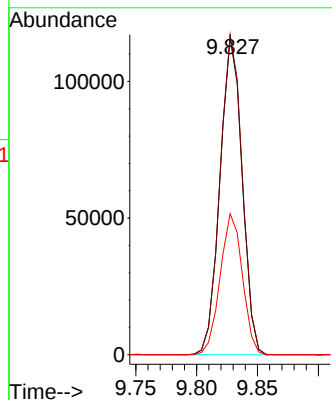
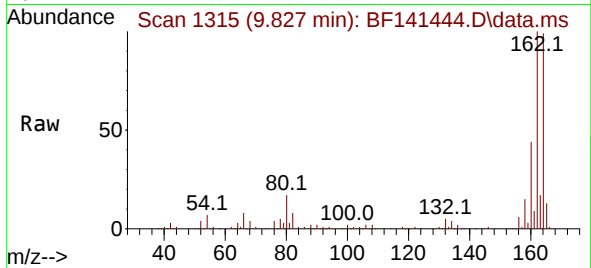




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

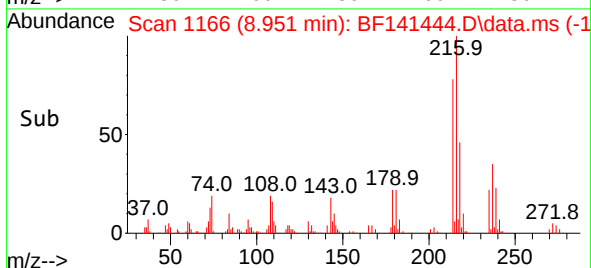
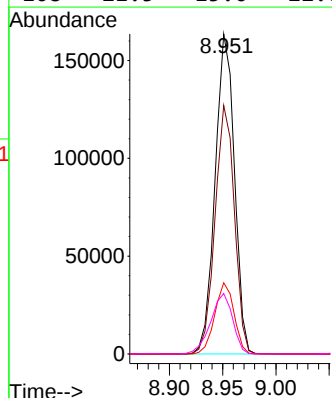
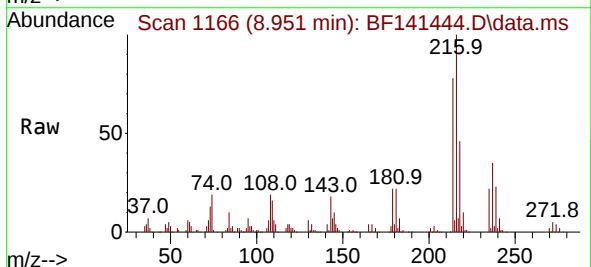
Instrument :
BNA_F
ClientSampleId :
PB166525BS

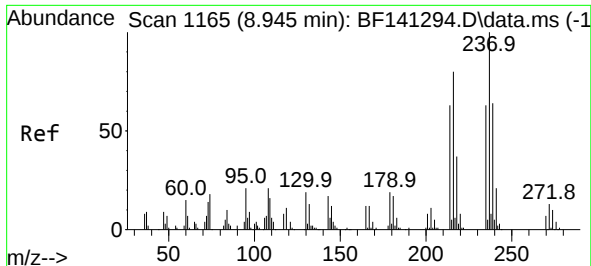
Tgt Ion:164 Resp: 146640
Ion Ratio Lower Upper
164 100
162 101.0 80.6 121.0
160 44.5 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.393 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:216 Resp: 206053
Ion Ratio Lower Upper
216 100
214 77.8 63.2 94.8
179 22.2 17.8 26.8
108 21.5 15.0 22.6

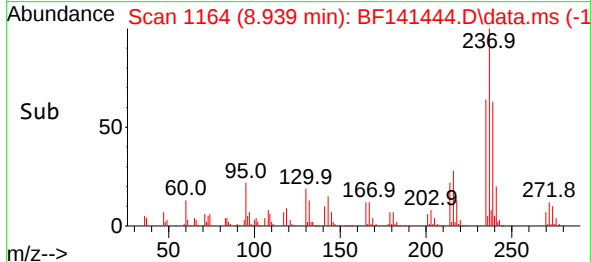
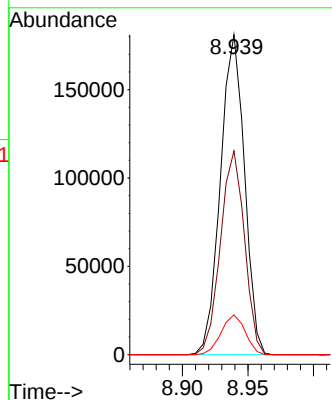
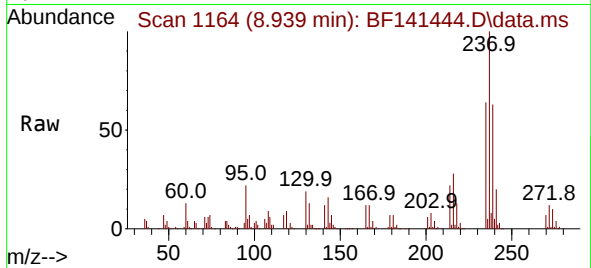




#41
Hexachlorocyclopentadiene
Concen: 187.215 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

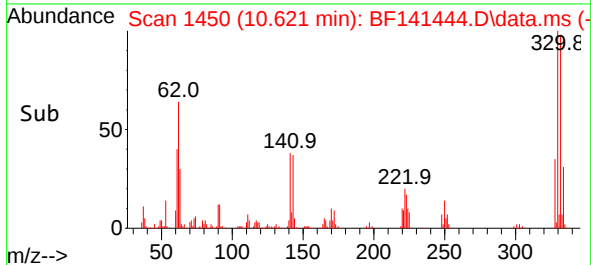
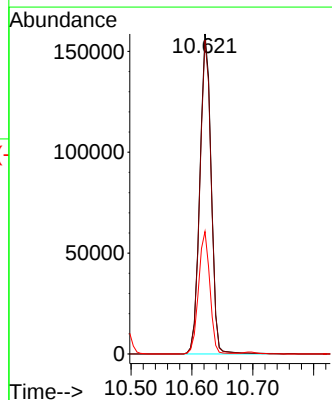
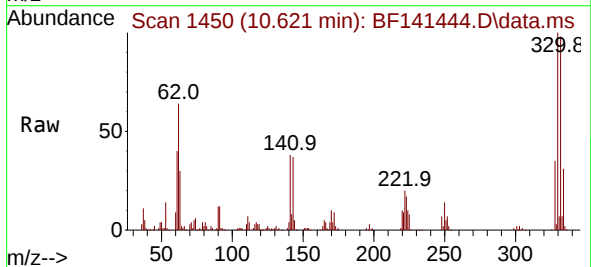
Instrument :
BNA_F
ClientSampleId :
PB166525BS

Tgt Ion:237 Resp: 230655
Ion Ratio Lower Upper
237 100
235 63.6 42.9 82.9
272 12.5 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 152.929 ng
RT: 10.621 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:330 Resp: 205590
Ion Ratio Lower Upper
330 100
332 97.7 76.1 114.1
141 38.1 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 44.774 ng

RT: 9.069 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

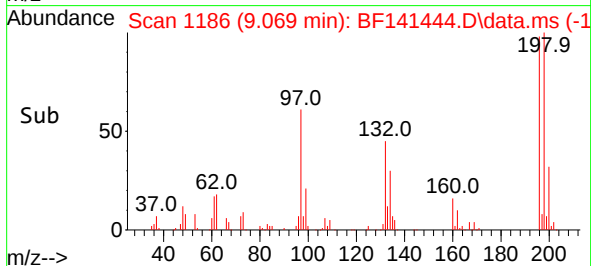
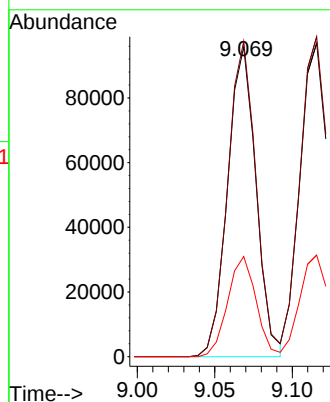
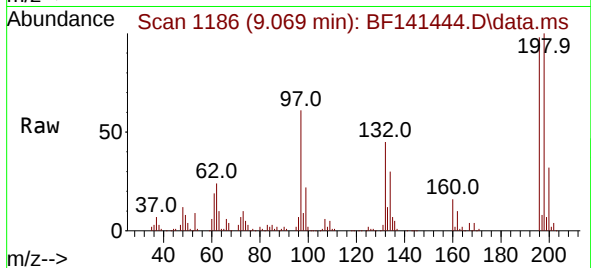
Tgt Ion:196 Resp: 122257

Ion Ratio Lower Upper

196 100

198 101.8 81.8 122.6

200 32.3 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 43.637 ng

RT: 9.116 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Tgt Ion:196 Resp: 129684

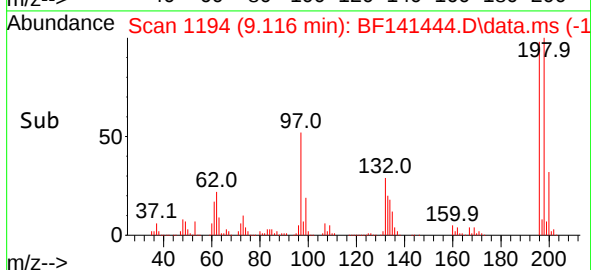
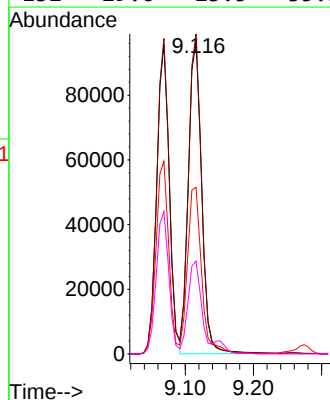
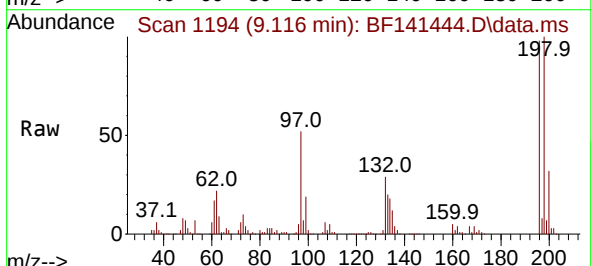
Ion Ratio Lower Upper

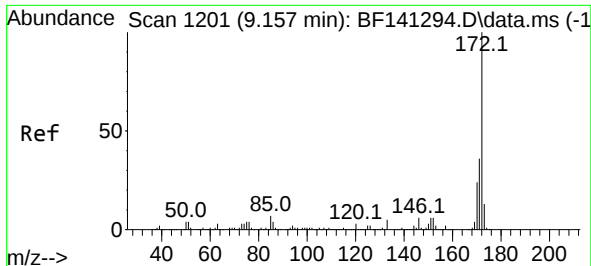
196 100

198 102.0 80.5 120.7

97 53.2 42.8 64.2

132 29.6 23.5 35.3

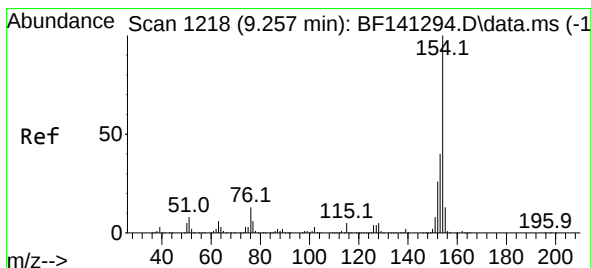
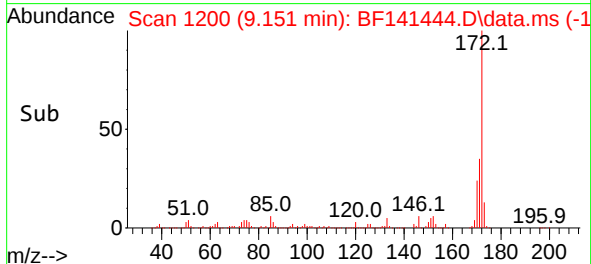
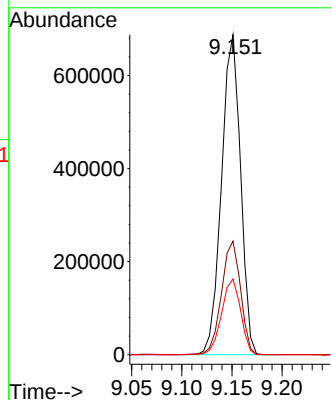
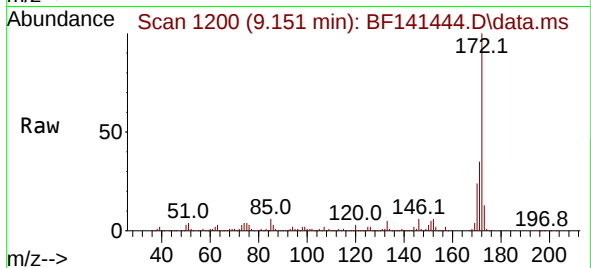




#45
2-Fluorobiphenyl
Concen: 95.084 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

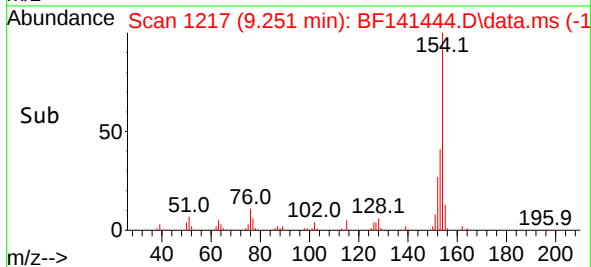
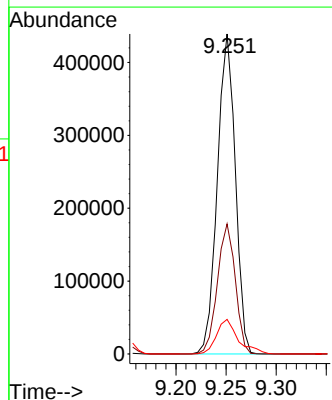
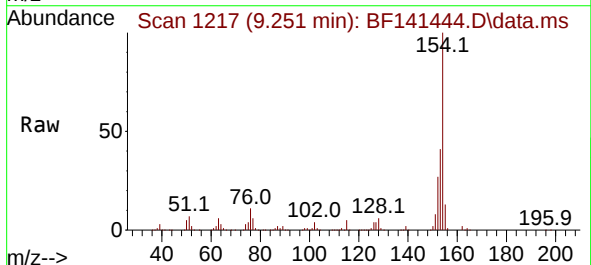
Instrument :
BNA_F
ClientSampleId :
PB166525BS

Tgt Ion:172 Resp: 905878
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 47.671 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:154 Resp: 545169
Ion Ratio Lower Upper
154 100
153 40.7 20.0 60.0
76 10.8 0.0 32.8

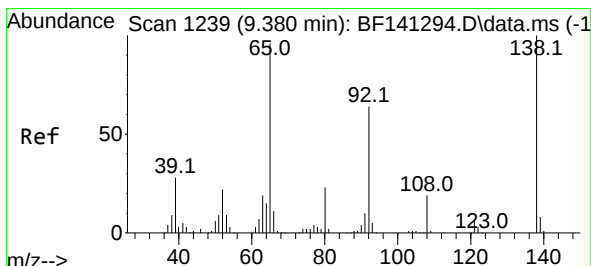
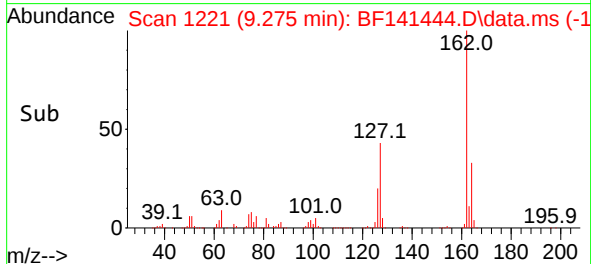
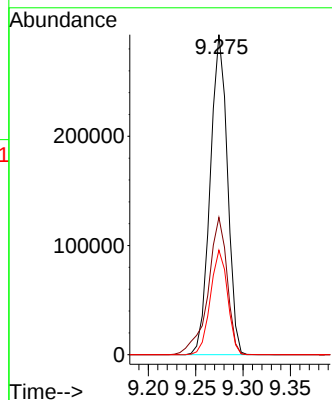
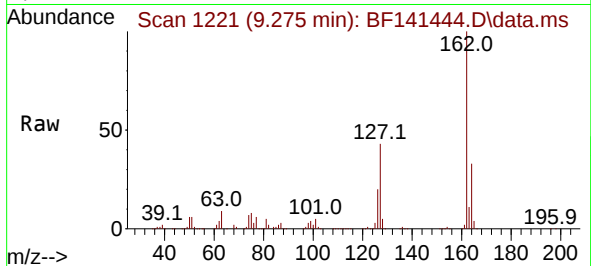




#47
2-Chloronaphthalene
Concen: 41.640 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

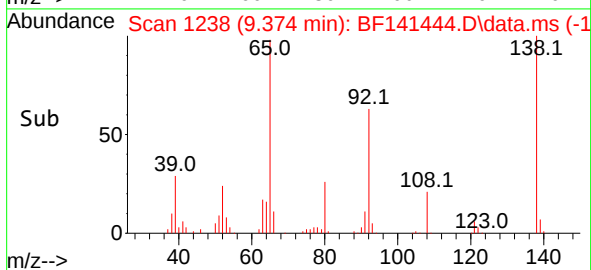
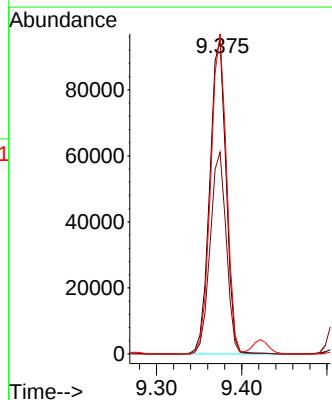
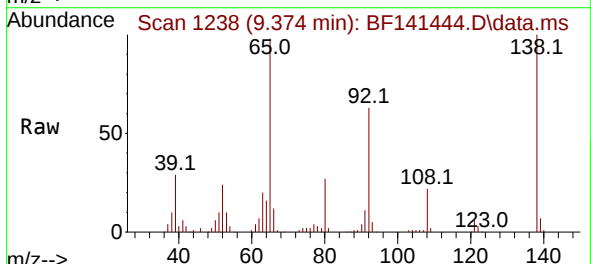
Instrument :
BNA_F
ClientSampleId :
PB166525BS

Tgt Ion:162 Resp: 371176
Ion Ratio Lower Upper
162 100
127 42.9 33.7 50.5
164 32.6 25.9 38.9



#48
2-Nitroaniline
Concen: 45.114 ng
RT: 9.374 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion: 65 Resp: 126490
Ion Ratio Lower Upper
65 100
92 64.3 53.3 79.9
138 102.0 83.6 125.4

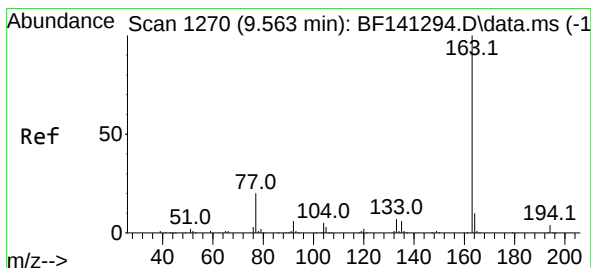
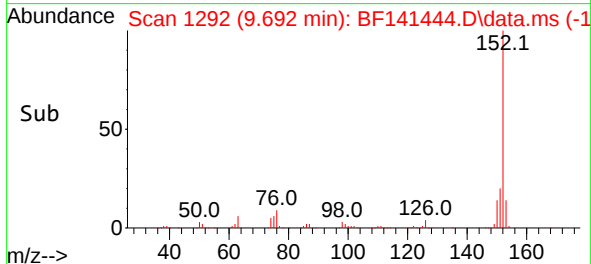
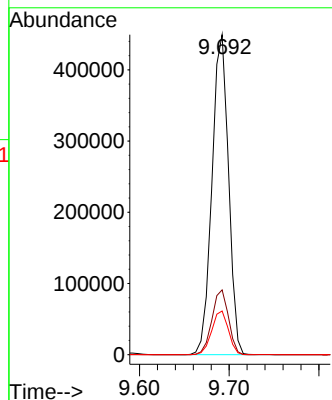
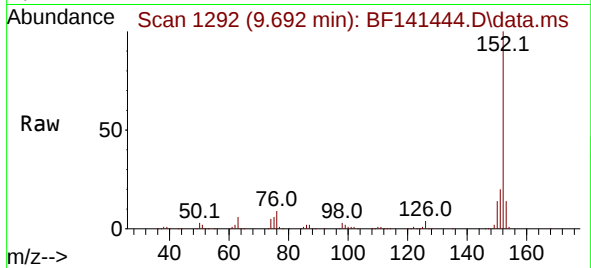




#49
Acenaphthylene
Concen: 46.017 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

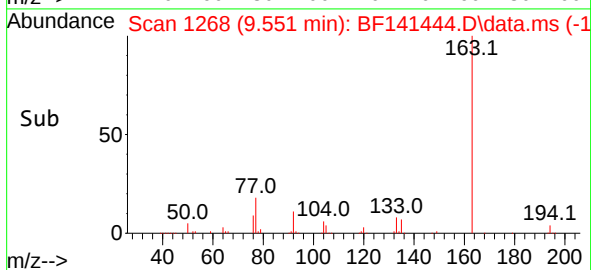
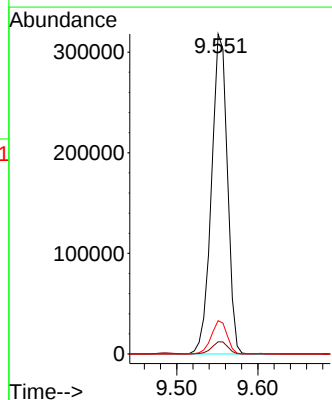
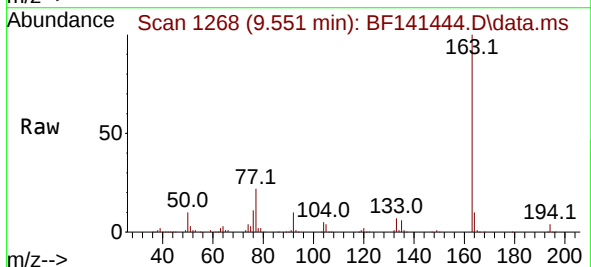
Instrument :
BNA_F
ClientSampleId :
PB166525BS

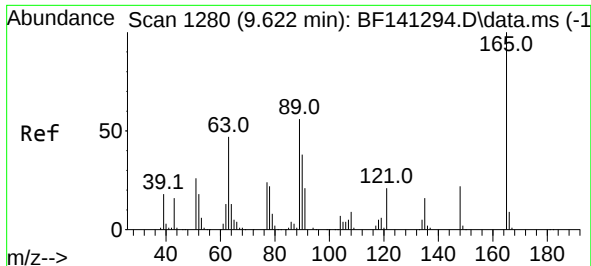
Tgt Ion:152 Resp: 574189
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.7 11.0 16.6



#50
Dimethylphthalate
Concen: 43.641 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:163 Resp: 432218
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.4 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 41.756 ng

RT: 9.616 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

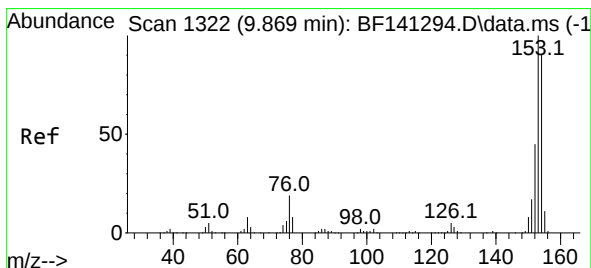
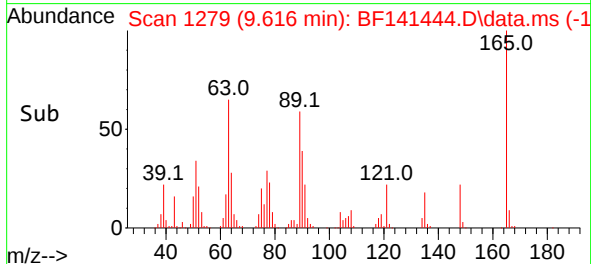
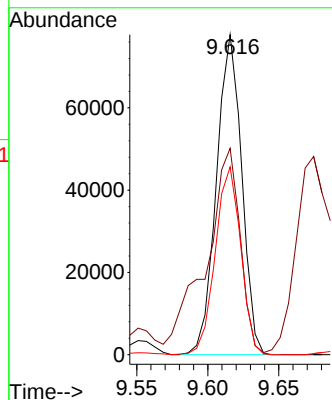
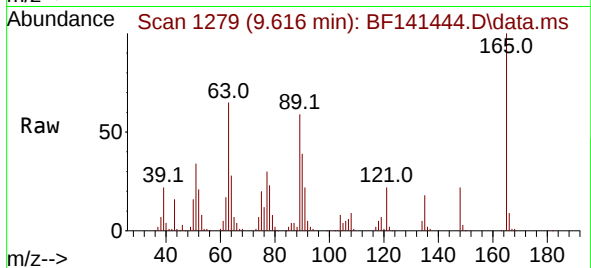
Tgt Ion:165 Resp: 96021

Ion Ratio Lower Upper

165 100

63 64.5 48.1 72.1

89 58.7 44.9 67.3



#52

Acenaphthene

Concen: 41.687 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.012 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

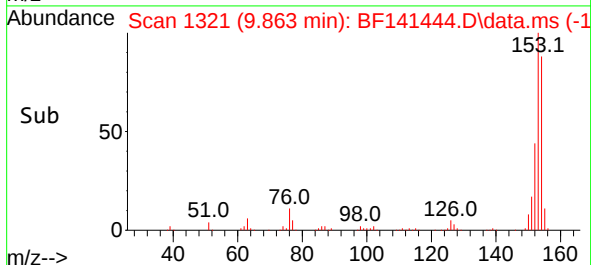
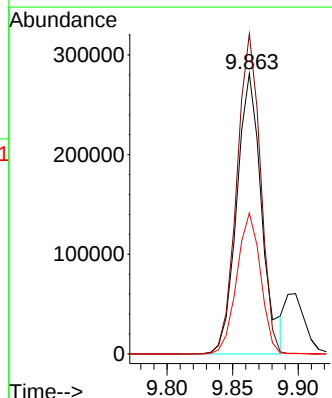
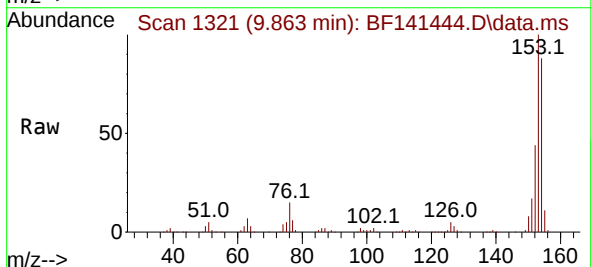
Tgt Ion:154 Resp: 371609

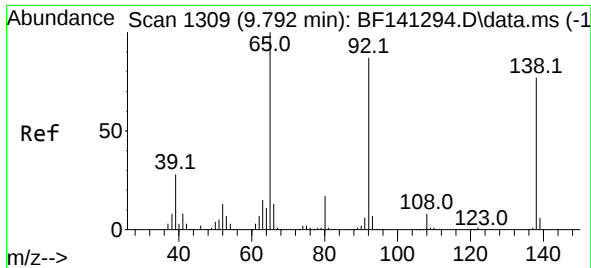
Ion Ratio Lower Upper

154 100

153 114.2 89.0 133.4

152 50.3 40.2 60.4

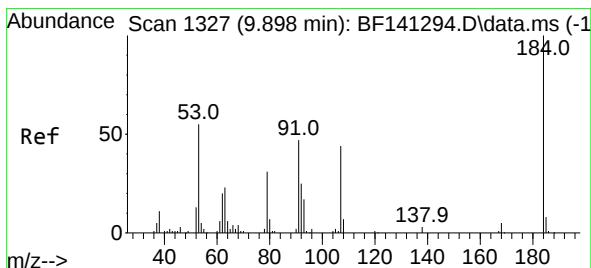
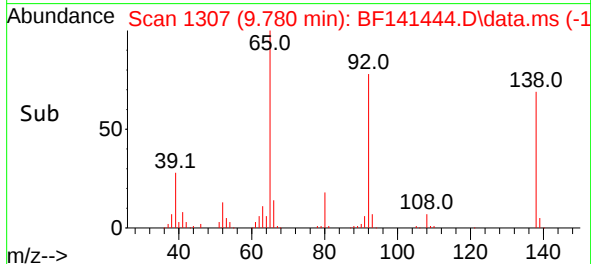
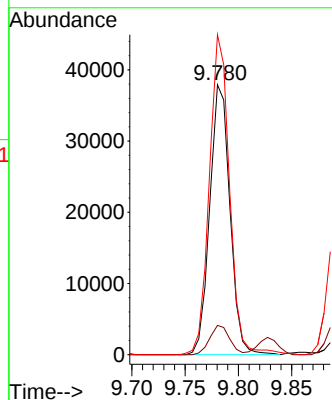
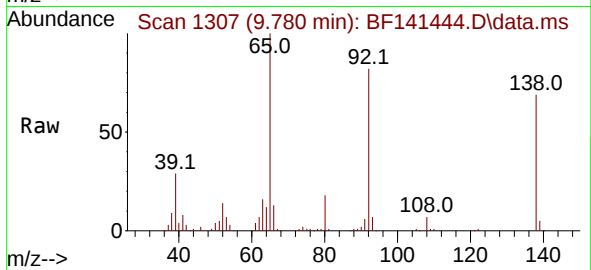




#53
3-Nitroaniline
Concen: 22.242 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

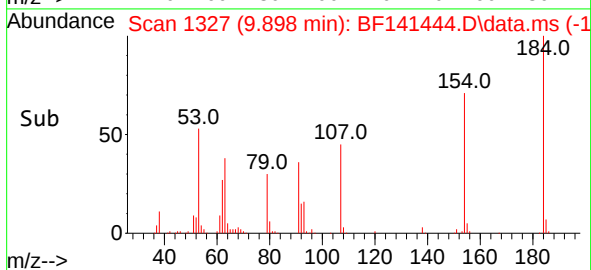
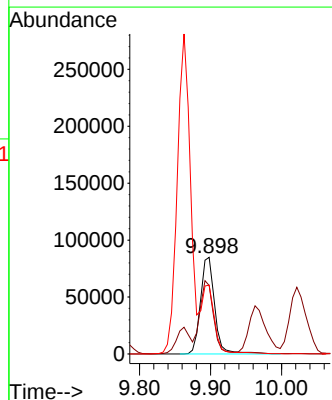
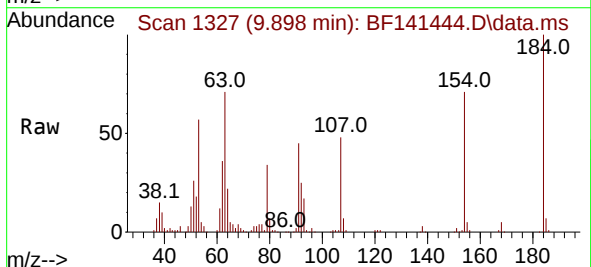
Instrument :
BNA_F
ClientSampleId :
PB166525BS

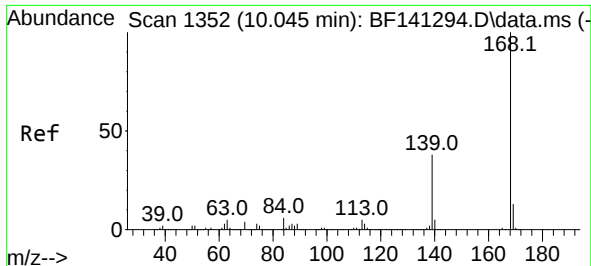
Tgt Ion:138 Resp: 50131
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 118.5 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 111.349 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:184 Resp: 119030
Ion Ratio Lower Upper
184 100
63 70.9 54.1 81.1
154 71.3 50.7 76.1

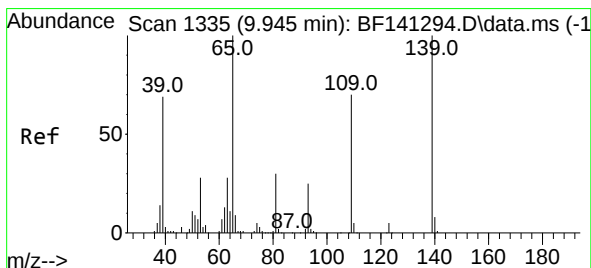
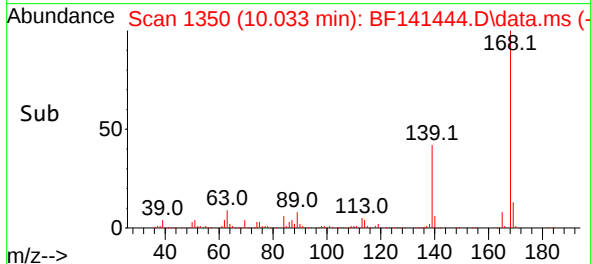
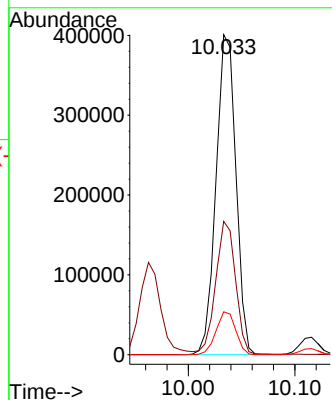
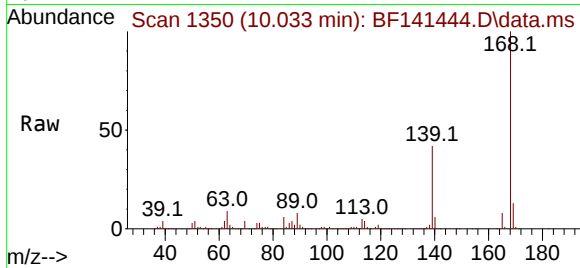




#55
Dibenzenofuran
Concen: 43.505 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

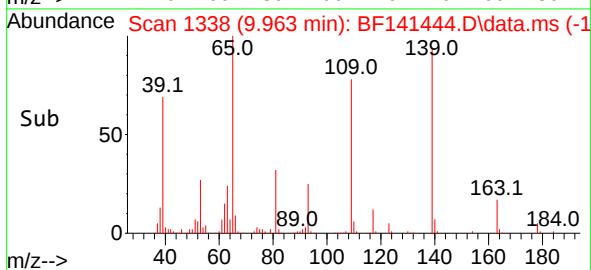
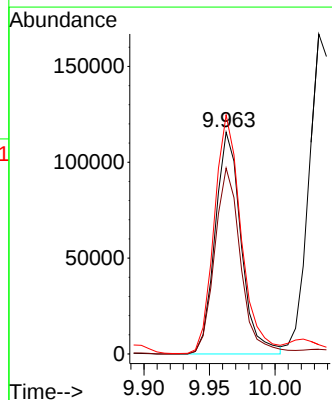
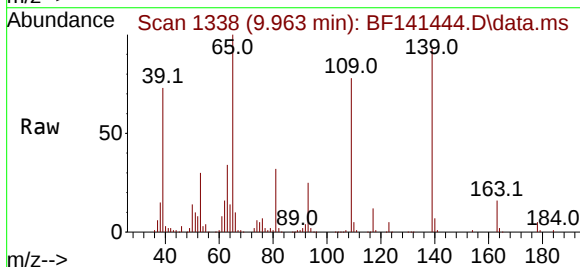
Instrument :
BNA_F
ClientSampleId :
PB166525BS

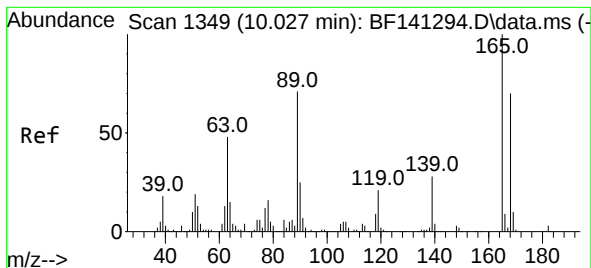
Tgt Ion:168 Resp: 519099
Ion Ratio Lower Upper
168 100
139 41.6 30.6 46.0
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 96.643 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:139 Resp: 159299
Ion Ratio Lower Upper
139 100
109 83.9 50.2 90.2
65 107.8 80.6 120.6

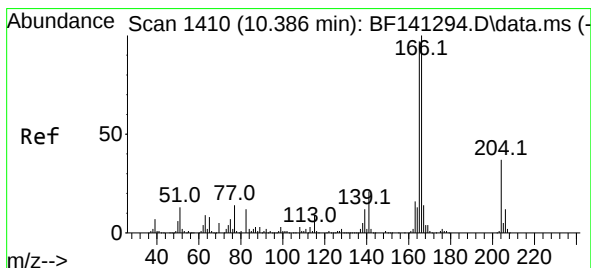
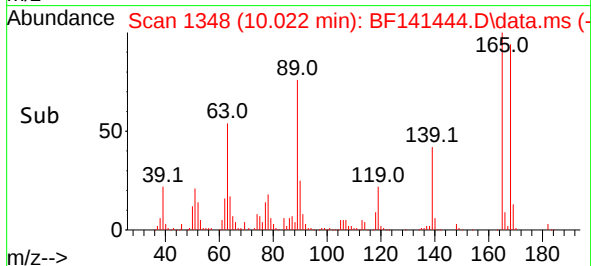
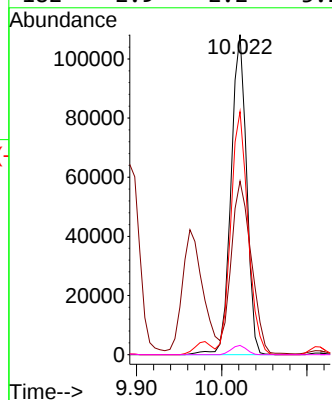
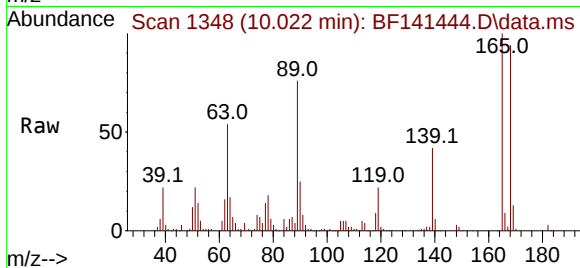




#57
2,4-Dinitrotoluene
Concen: 46.069 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

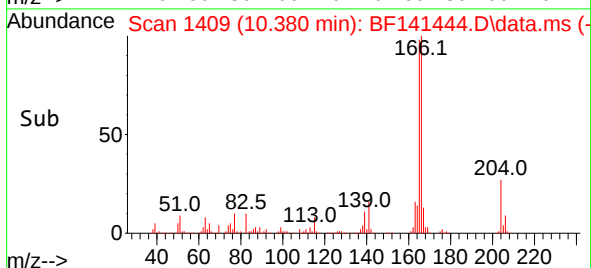
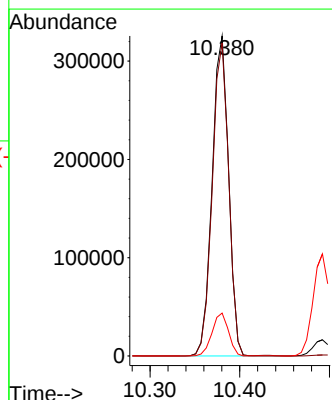
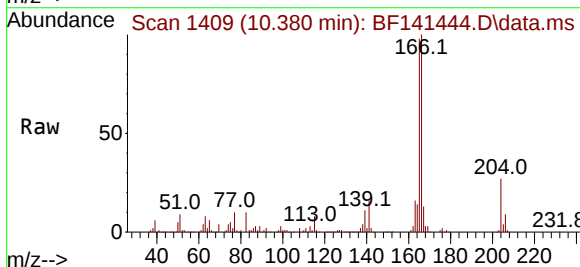
Instrument :
BNA_F
ClientSampleId :
PB166525BS

Tgt Ion:165 Resp: 137163
Ion Ratio Lower Upper
165 100
63 54.2 39.2 58.8
89 75.9 56.9 85.3
182 2.9 2.2 3.2



#58
Fluorene
Concen: 44.845 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:166 Resp: 415063
Ion Ratio Lower Upper
166 100
165 97.8 77.5 116.3
167 13.4 10.9 16.3

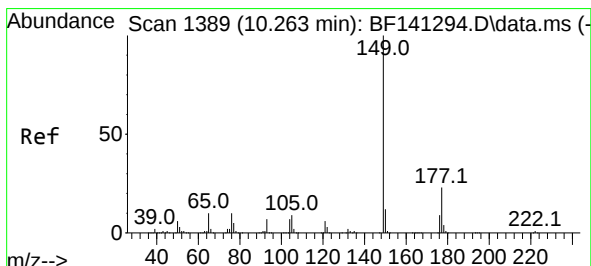
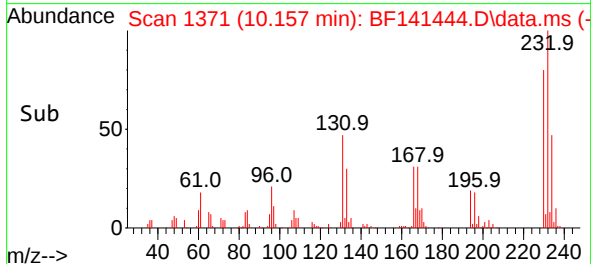
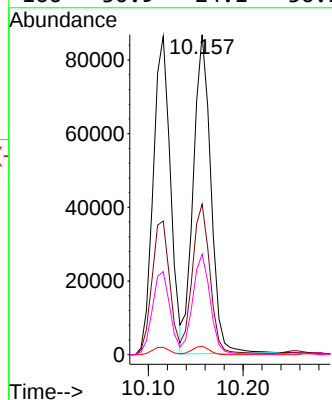
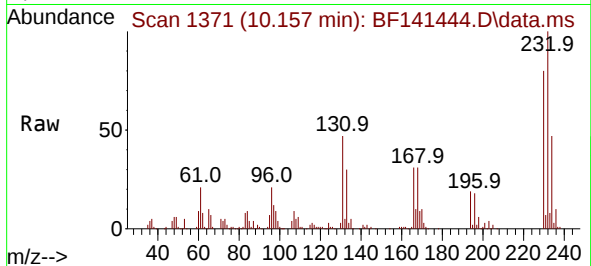




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.763 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

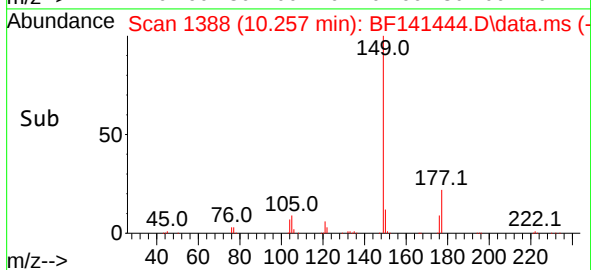
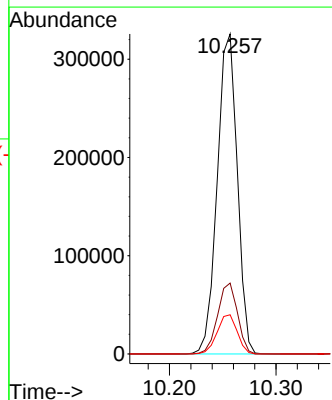
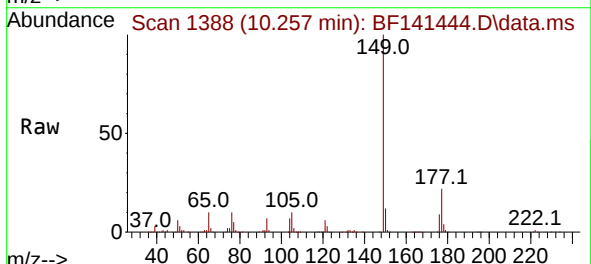
Instrument :
BNA_F
ClientSampleId :
PB166525BS

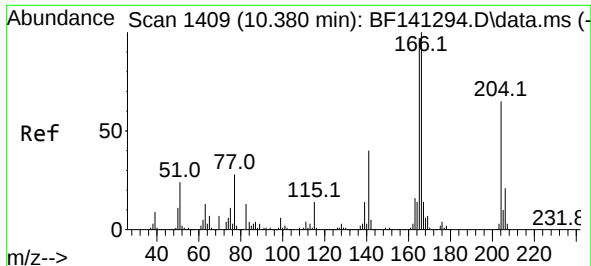
Tgt Ion:232 Resp: 111673
Ion Ratio Lower Upper
232 100
131 48.3 36.4 54.6
130 2.6 1.9 2.9
166 30.9 24.1 36.1



#60
Diethylphthalate
Concen: 44.185 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:149 Resp: 424308
Ion Ratio Lower Upper
149 100
177 22.1 18.5 27.7
150 12.2 10.0 15.0

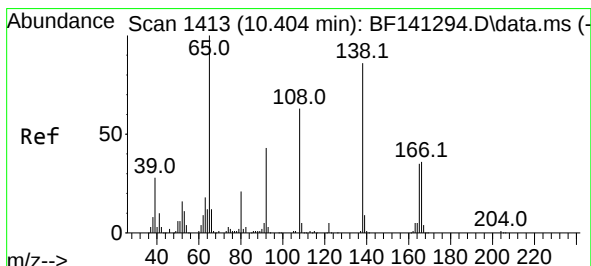
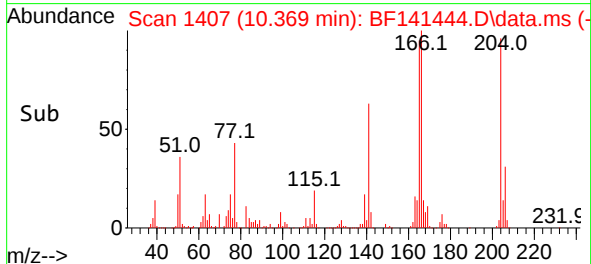
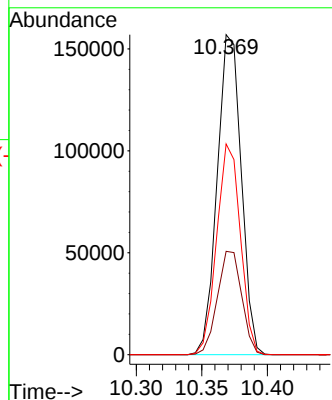
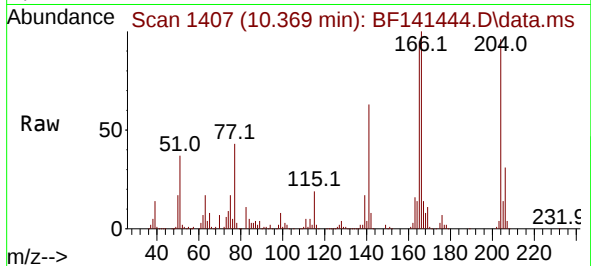




#61
4-Chlorophenyl-phenylether
Concen: 44.315 ng
RT: 10.369 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

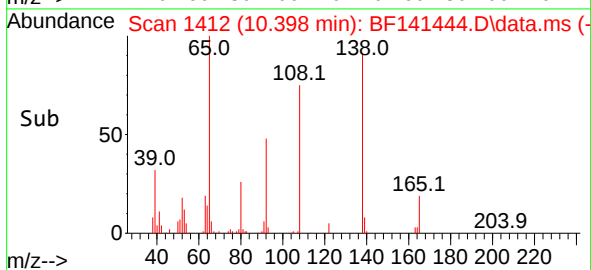
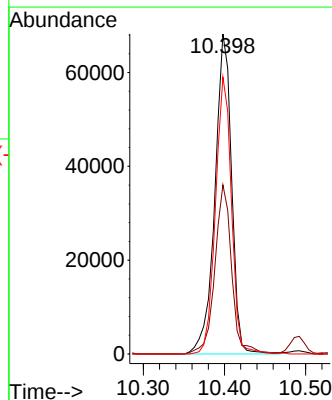
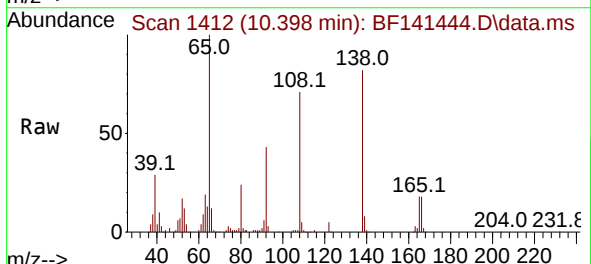
Instrument :
BNA_F
ClientSampleId :
PB166525BS

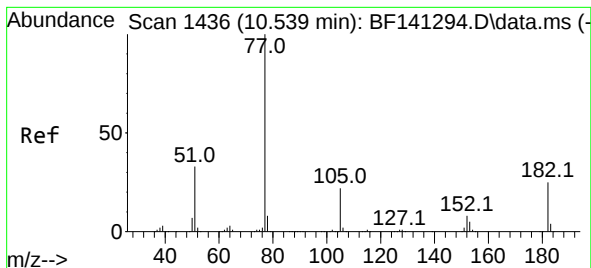
Tgt Ion:204 Resp: 200349
Ion Ratio Lower Upper
204 100
206 32.3 25.9 38.9
141 65.9 49.5 74.3



#62
4-Nitroaniline
Concen: 44.107 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:138 Resp: 97735
Ion Ratio Lower Upper
138 100
92 52.8 30.1 70.1
108 86.6 53.1 93.1





#63

Azobenzene

Concen: 42.755 ng

RT: 10.533 min Scan# 1435

Delta R.T. -0.012 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

Tgt Ion: 77 Resp: 410979

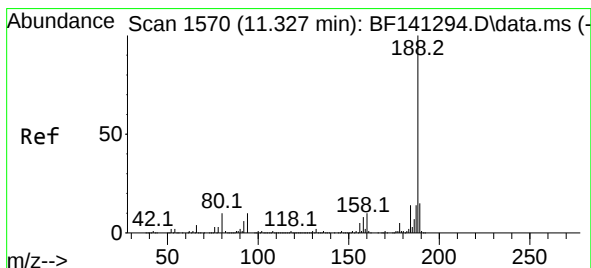
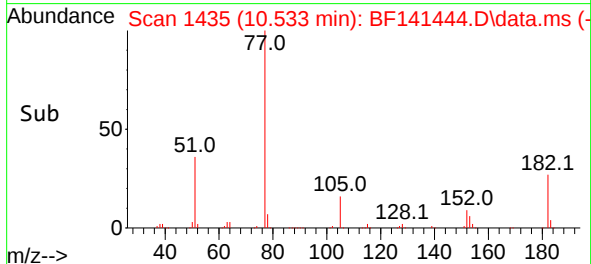
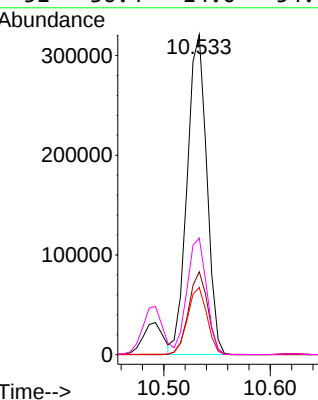
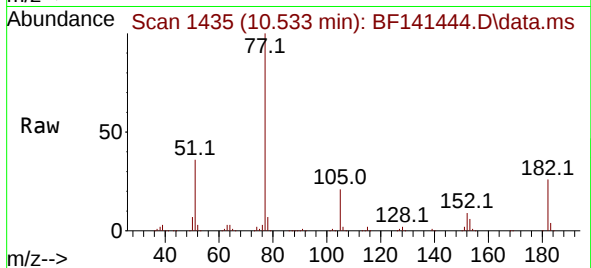
Ion Ratio Lower Upper

77 100

182 25.9 5.1 45.1

105 21.0 1.8 41.8

51 36.4 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: BF141444.D

Acq: 05 Feb 2025 13:58

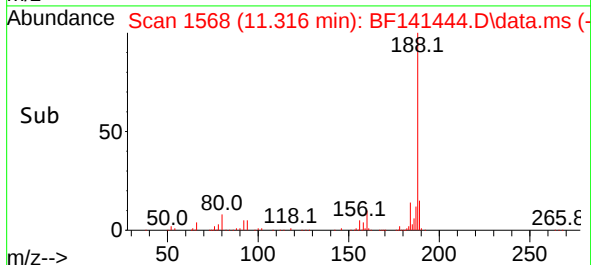
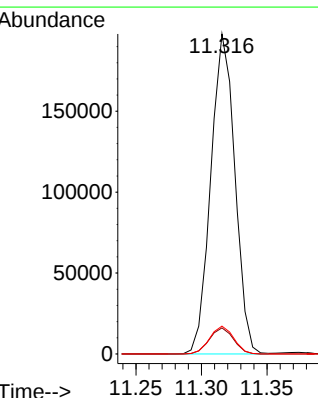
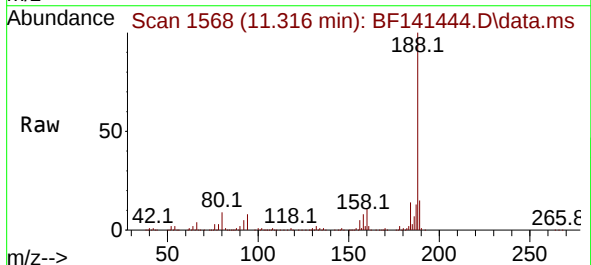
Tgt Ion:188 Resp: 253006

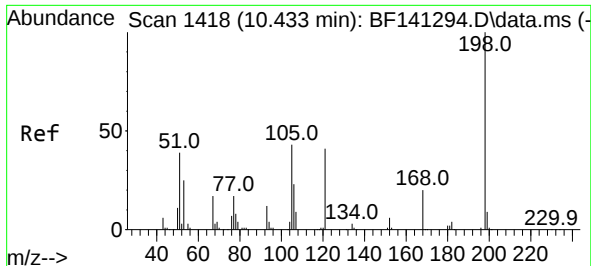
Ion Ratio Lower Upper

188 100

94 8.2 7.8 11.6

80 8.7 8.2 12.4

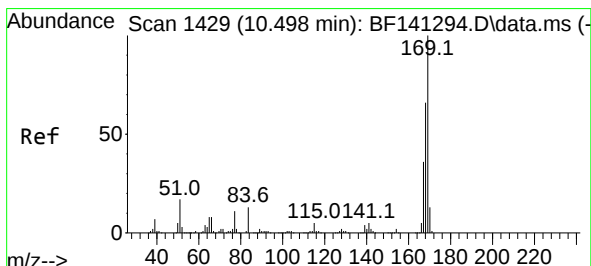
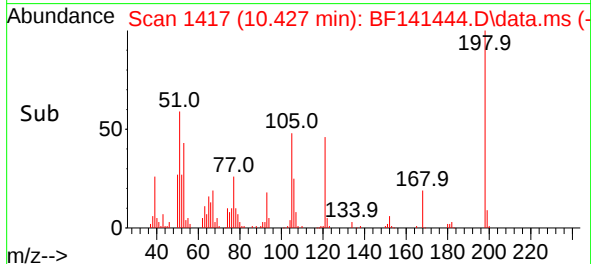
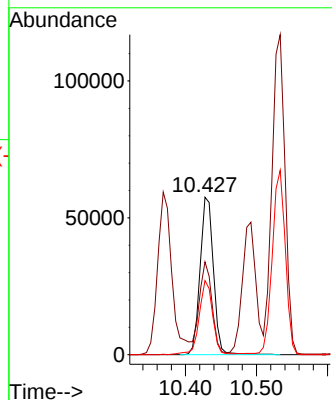
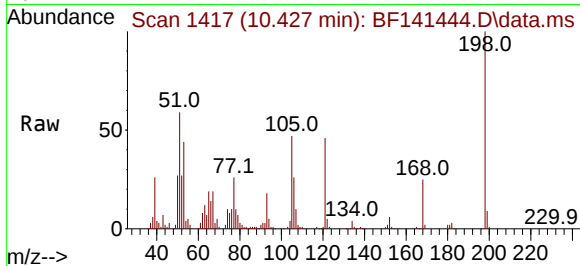




#65
4,6-Dinitro-2-methylphenol
Concen: 50.471 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

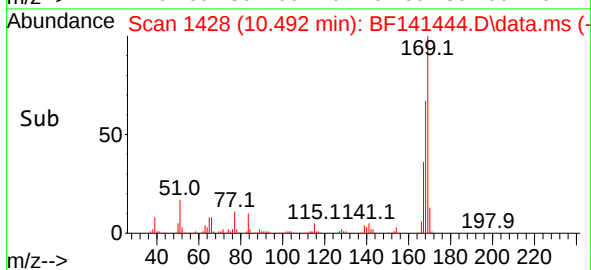
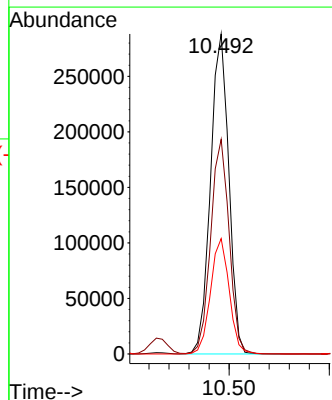
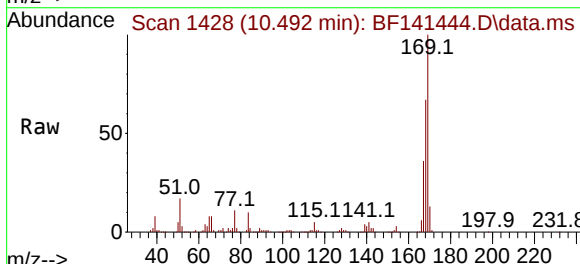
Instrument :
BNA_F
ClientSampleId :
PB166525BS

Tgt Ion:198 Resp: 75531
Ion Ratio Lower Upper
198 100
51 59.0 33.4 73.4
105 47.1 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 44.650 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:169 Resp: 365376
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.4
167 36.0 28.8 43.2

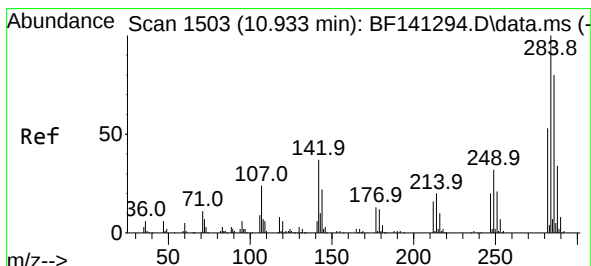
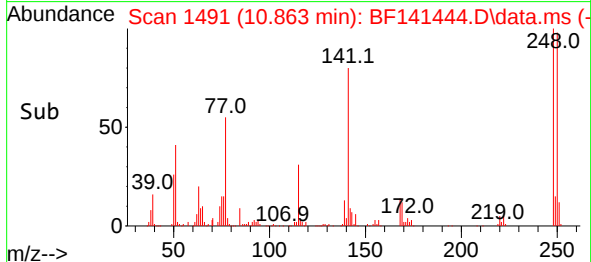
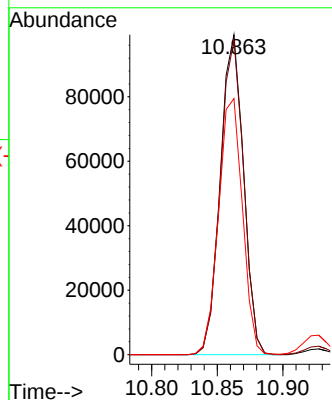
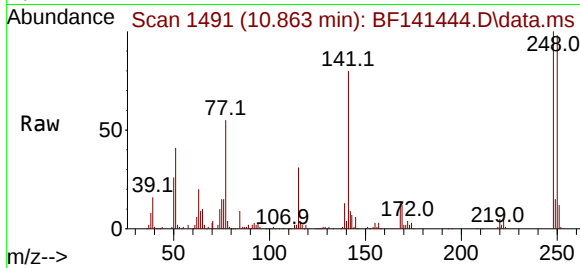




#67
4-Bromophenyl-phenylether
Concen: 43.276 ng
RT: 10.863 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

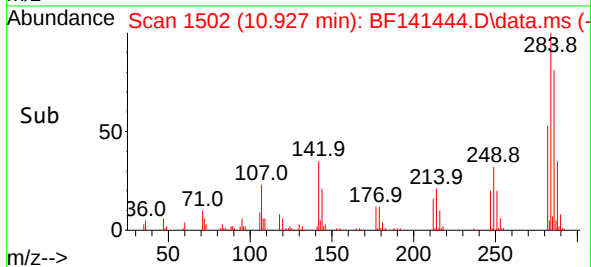
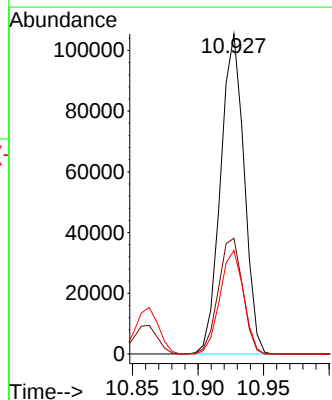
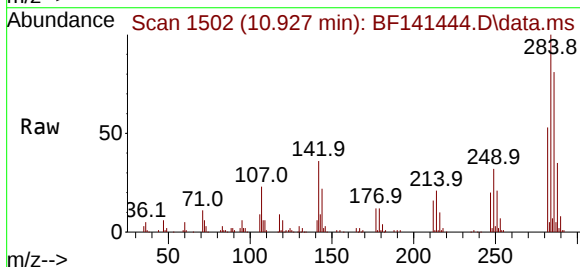
Instrument :
BNA_F
ClientSampleId :
PB166525BS

Tgt Ion:248 Resp: 122578
Ion Ratio Lower Upper
248 100
250 98.4 79.0 118.4
141 80.1 63.7 95.5



#68
Hexachlorobenzene
Concen: 43.783 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:284 Resp: 131549
Ion Ratio Lower Upper
284 100
142 36.1 29.5 44.3
249 32.3 25.4 38.2





#69

Atrazine

Concen: 51.951 ng

RT: 11.021 min Scan# 1518

Delta R.T. -0.012 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

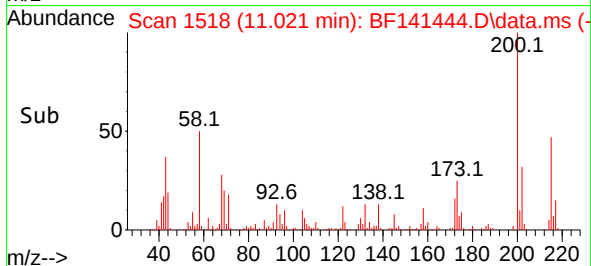
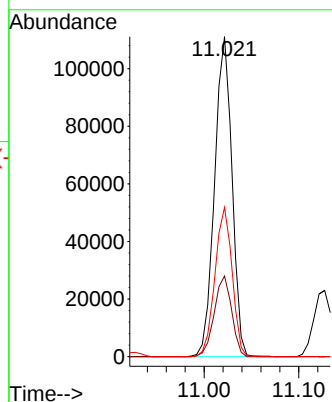
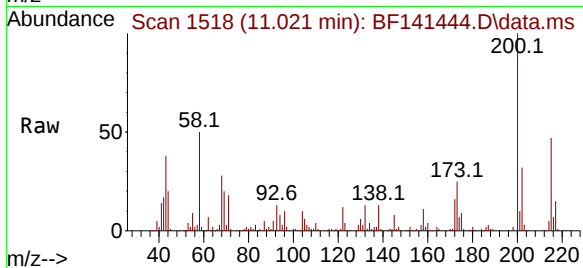
Tgt Ion:200 Resp: 142140

Ion Ratio Lower Upper

200 100

173 25.2 5.9 45.9

215 46.6 25.2 65.2



#70

Pentachlorophenol

Concen: 93.454 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

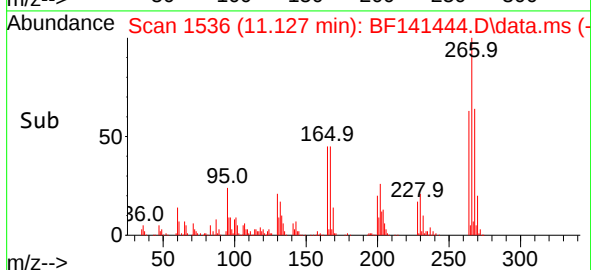
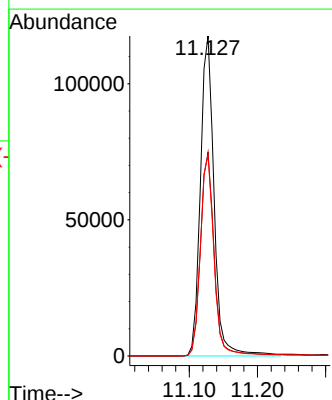
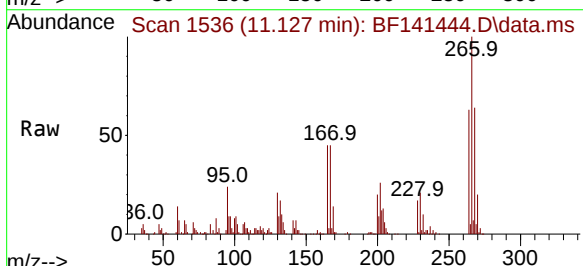
Tgt Ion:266 Resp: 164425

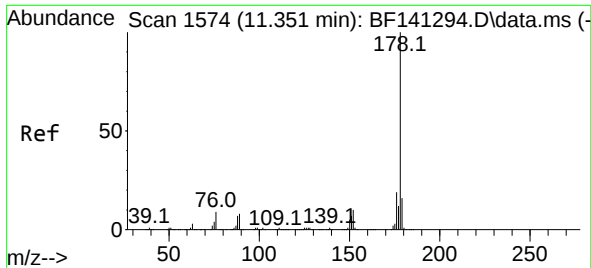
Ion Ratio Lower Upper

266 100

268 63.7 49.9 74.9

264 62.7 51.0 76.4

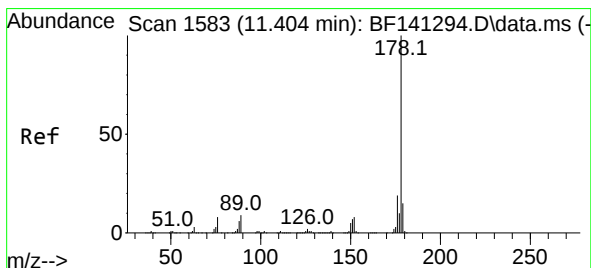
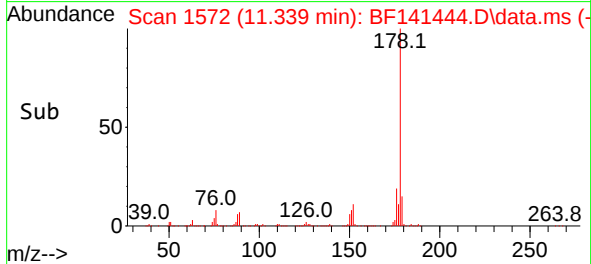
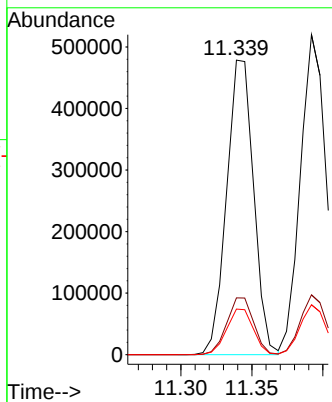
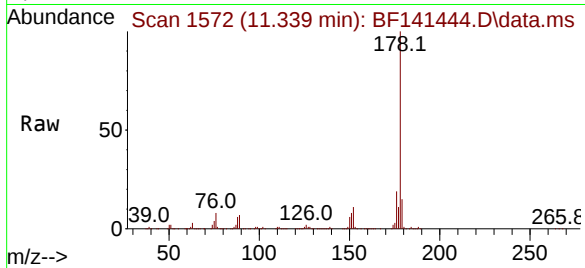




#71
Phenanthrene
Concen: 46.680 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

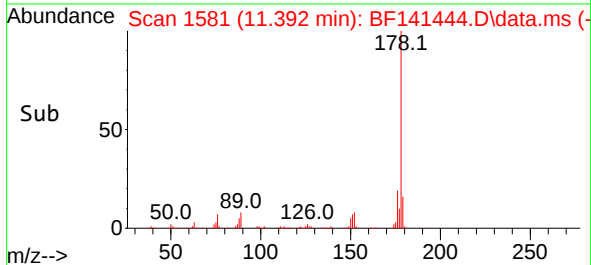
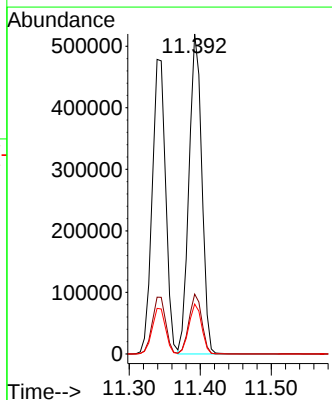
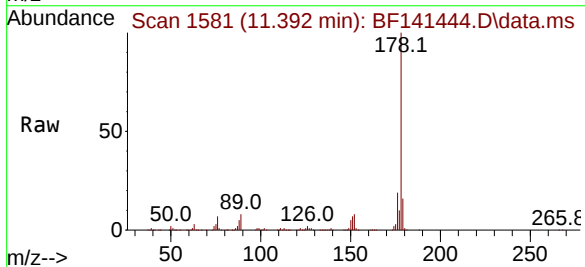
Instrument :
BNA_F
ClientSampleId :
PB166525BS

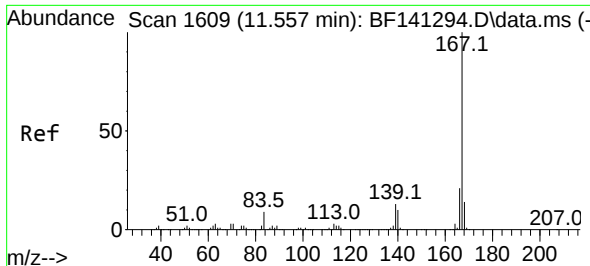
Tgt Ion:178 Resp: 634856
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.5 12.5 18.7



#72
Anthracene
Concen: 48.852 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:178 Resp: 650983
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.6 12.3 18.5

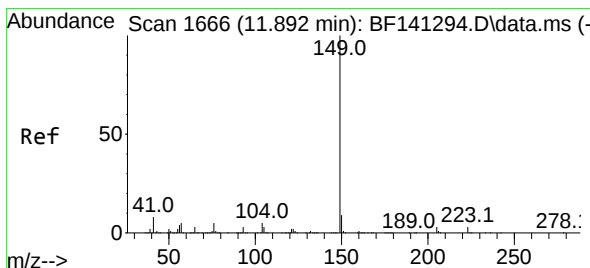
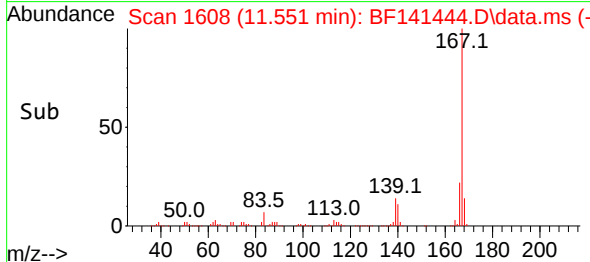
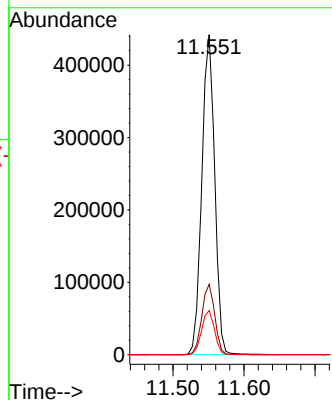
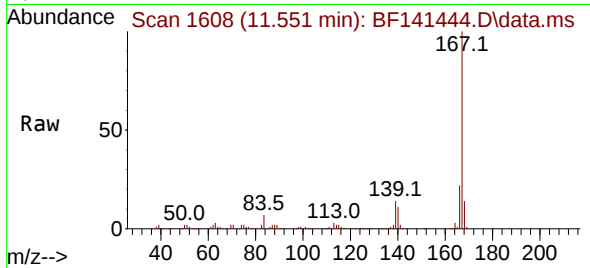




#73
Carbazole
Concen: 47.370 ng
RT: 11.551 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

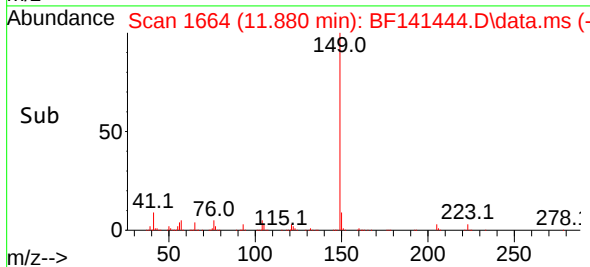
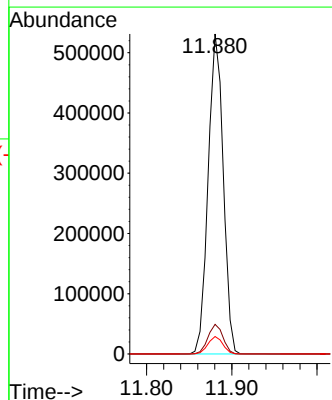
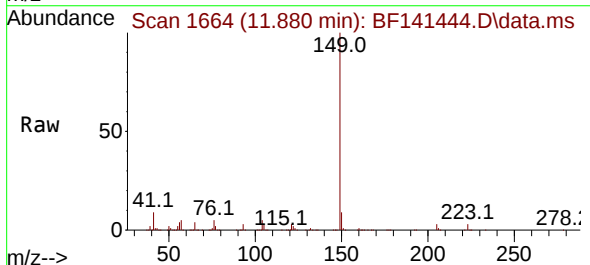
Instrument :
BNA_F
ClientSampleId :
PB166525BS

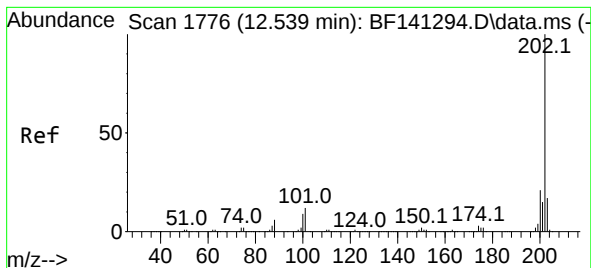
Tgt Ion:167 Resp: 559736
Ion Ratio Lower Upper
167 100
166 22.0 17.0 25.6
139 13.8 10.6 16.0



#74
Di-n-butylphthalate
Concen: 45.576 ng
RT: 11.880 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:149 Resp: 652645
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 5.4 3.9 5.9





#75

Fluoranthene

Concen: 49.790 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

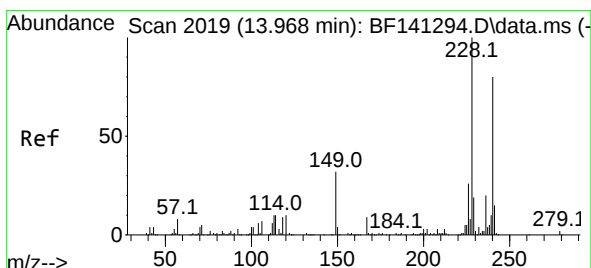
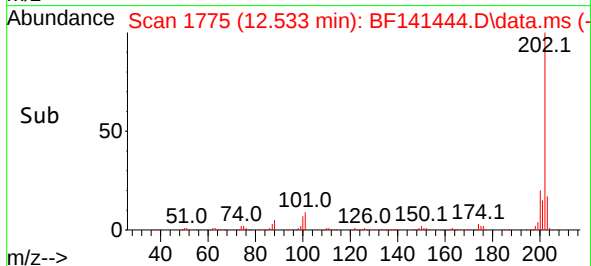
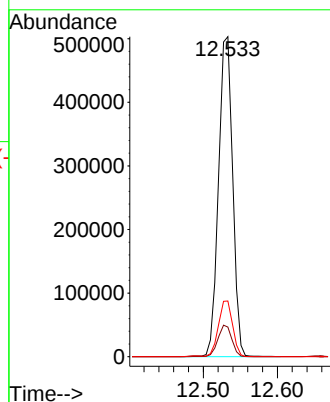
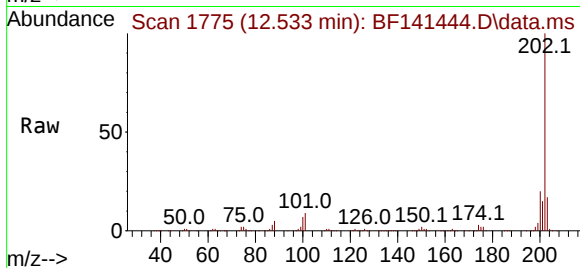
Tgt Ion:202 Resp: 668611

Ion Ratio Lower Upper

202 100

101 9.3 0.0 31.7

203 17.4 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

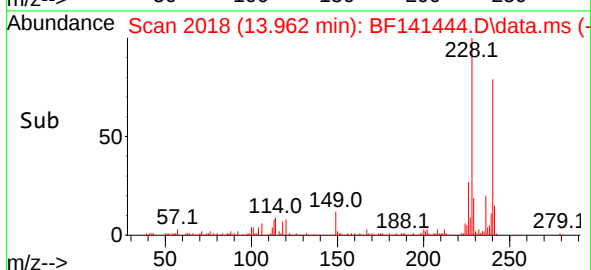
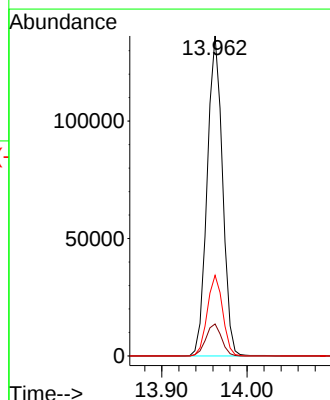
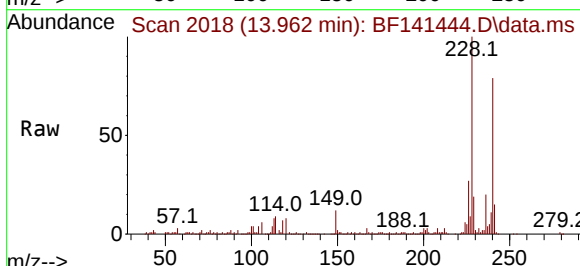
Tgt Ion:240 Resp: 170069

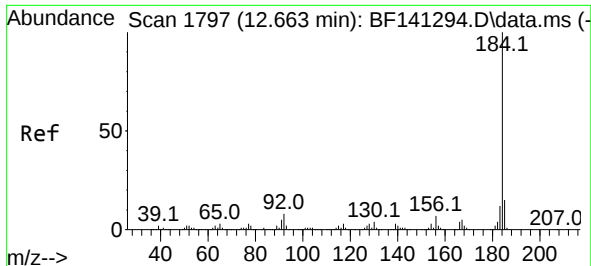
Ion Ratio Lower Upper

240 100

120 10.0 10.0 15.0

236 25.2 19.7 29.5

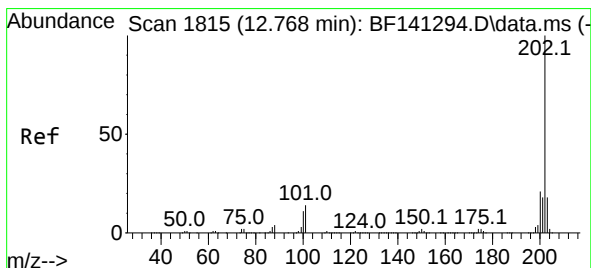
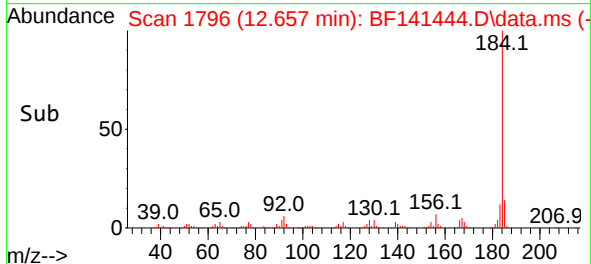
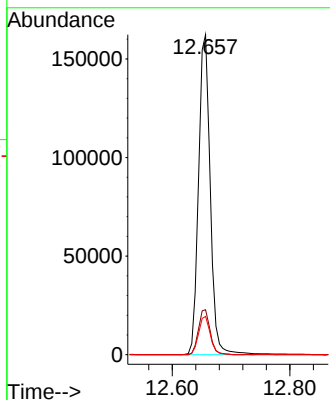
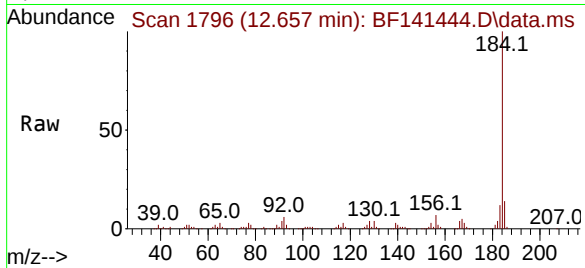




#77
Benzidine
Concen: 41.169 ng
RT: 12.657 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

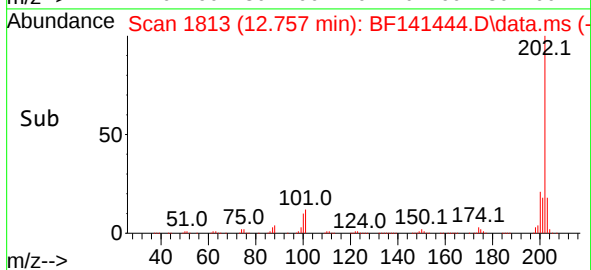
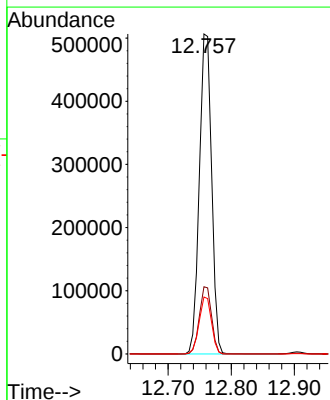
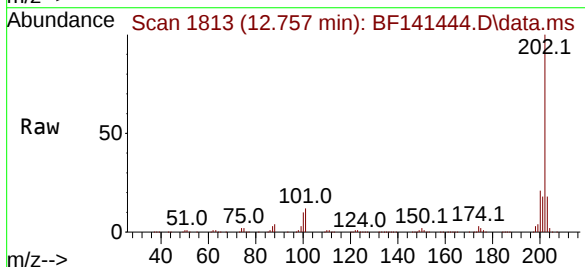
Instrument :
BNA_F
ClientSampleId :
PB166525BS

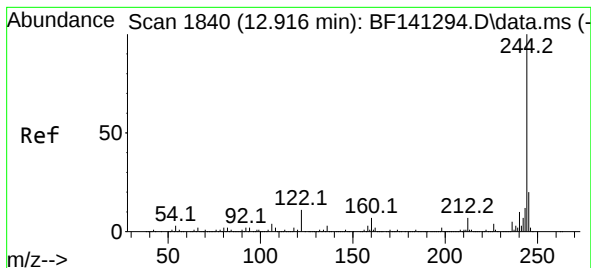
Tgt Ion:184 Resp: 224457
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 11.9 9.5 14.3



#78
Pyrene
Concen: 41.793 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:202 Resp: 682267
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 96.767 ng

RT: 12.904 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

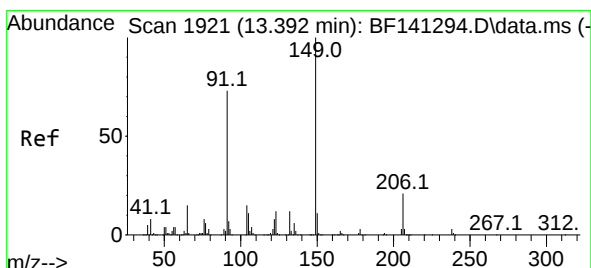
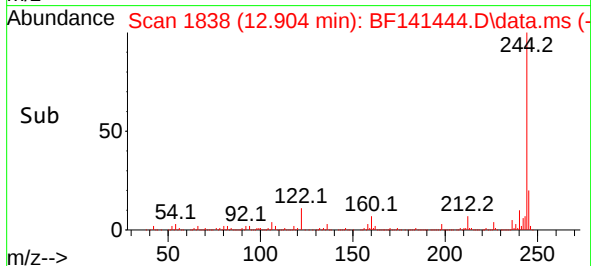
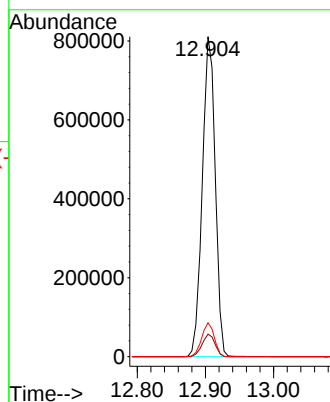
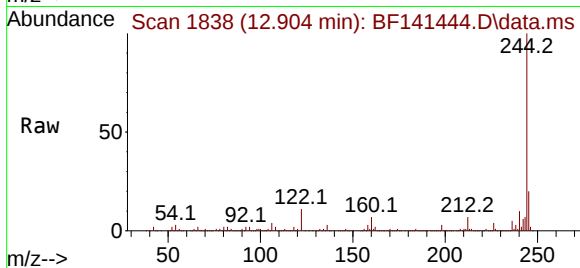
Tgt Ion:244 Resp: 1067122

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 10.6 8.8 13.2



#80

Butylbenzylphthalate

Concen: 45.864 ng

RT: 13.380 min Scan# 1919

Delta R.T. -0.012 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

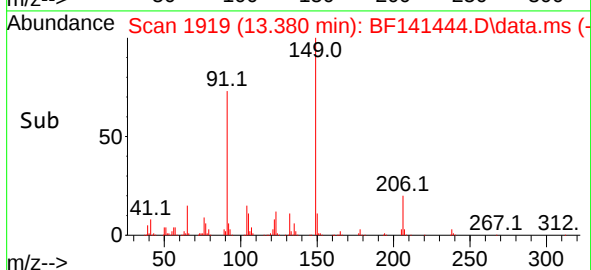
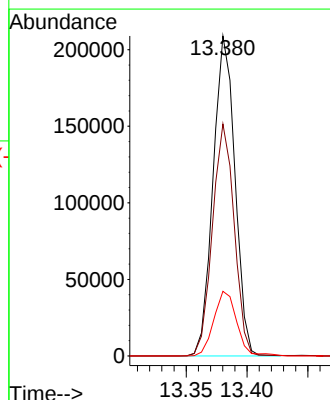
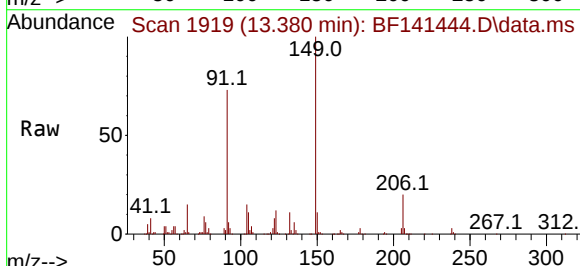
Tgt Ion:149 Resp: 261575

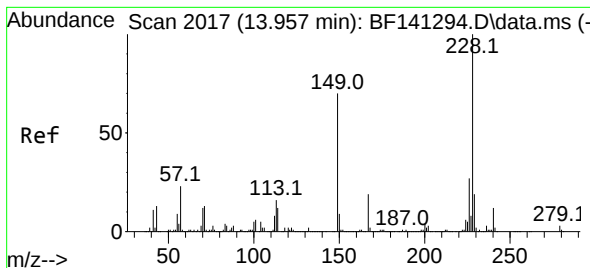
Ion Ratio Lower Upper

149 100

91 72.5 58.6 87.8

206 20.2 16.7 25.1





#81

Benzo(a)anthracene

Concen: 42.784 ng

RT: 13.951 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

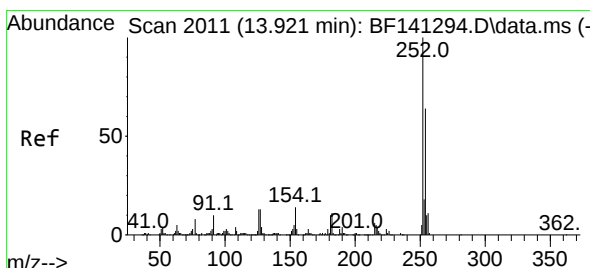
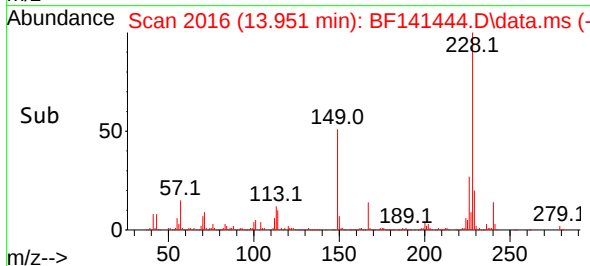
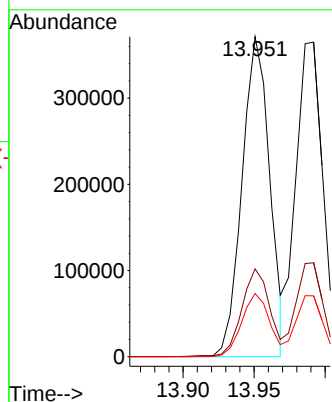
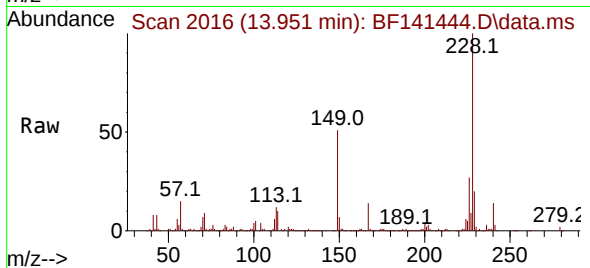
Tgt Ion:228 Resp: 502103

Ion Ratio Lower Upper

228 100

226 27.5 21.4 32.2

229 19.8 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 20.955 ng

RT: 13.915 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

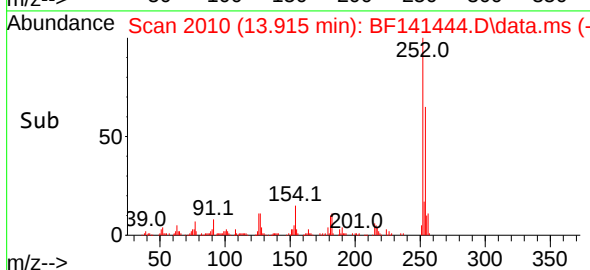
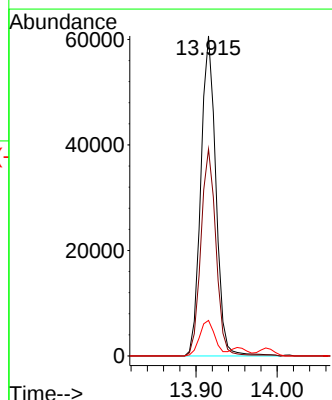
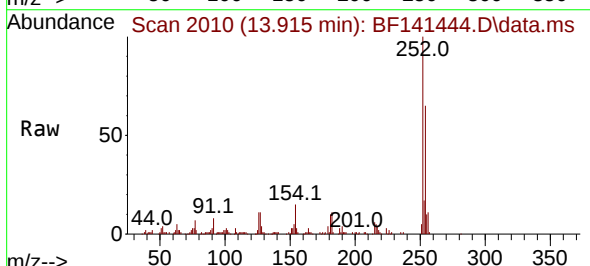
Tgt Ion:252 Resp: 78216

Ion Ratio Lower Upper

252 100

254 64.6 51.3 76.9

126 11.1 10.0 15.0





#83

Chrysene

Concen: 44.759 ng

RT: 13.992 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB166525BS

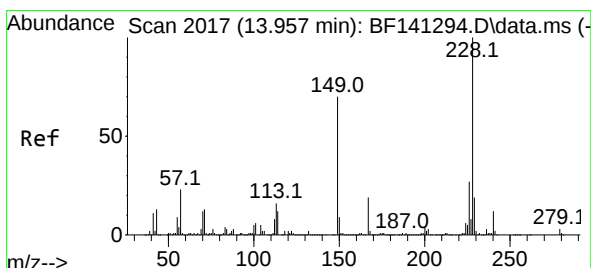
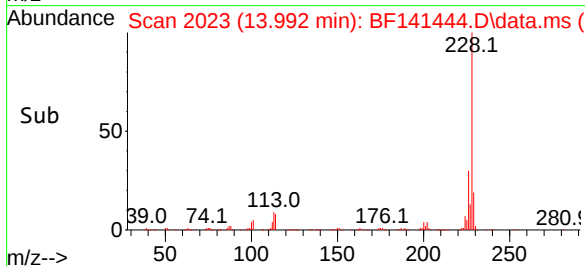
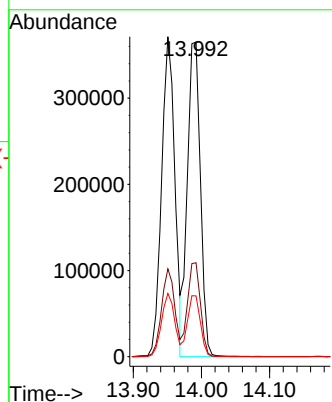
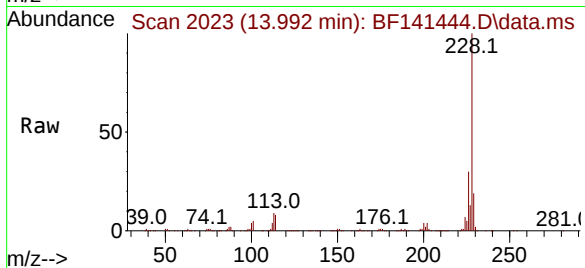
Tgt Ion:228 Resp: 481401

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.964 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF141444.D

Acq: 05 Feb 2025 13:58

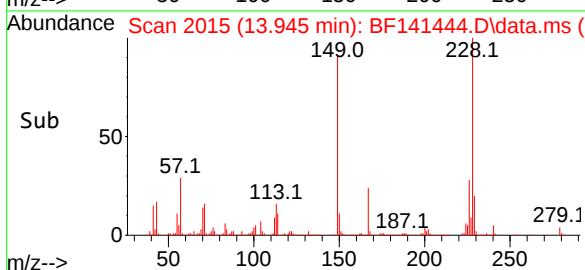
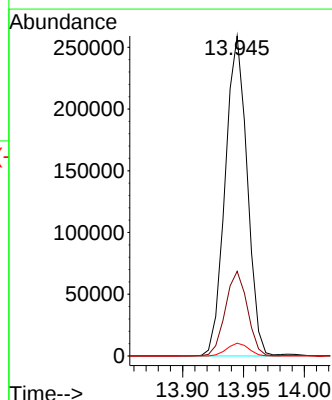
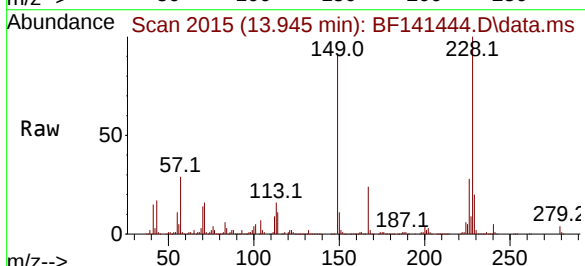
Tgt Ion:149 Resp: 325306

Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.8

279 4.0 3.3 4.9

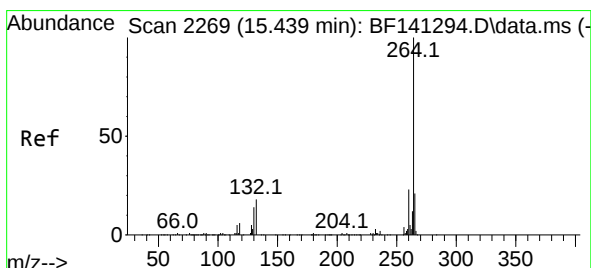
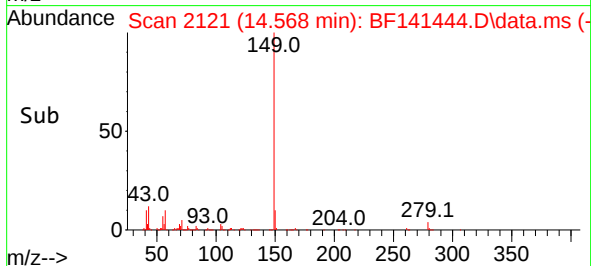
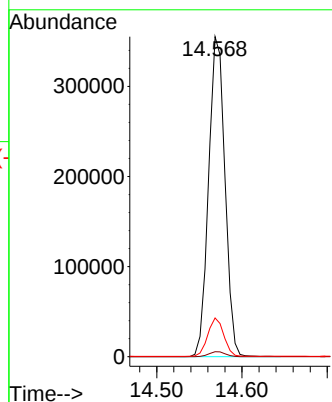
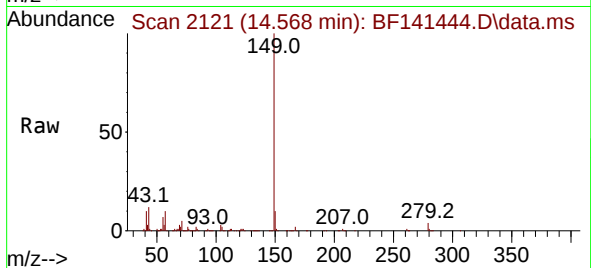




#85
Di-n-octyl phthalate
Concen: 42.146 ng
RT: 14.568 min Scan# 2124
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

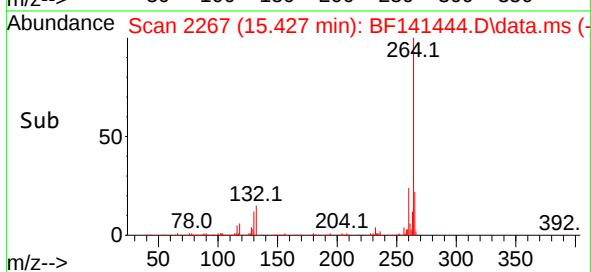
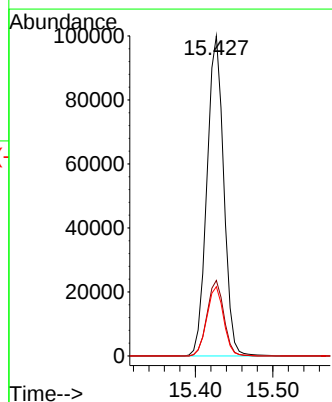
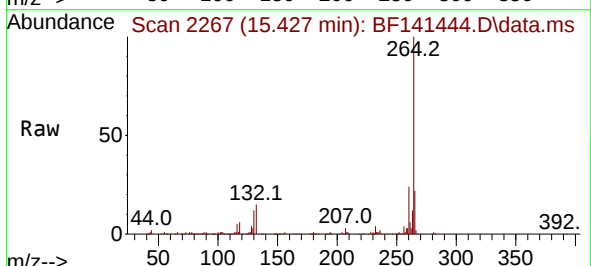
Instrument :
BNA_F
ClientSampleId :
PB166525BS

Tgt Ion:149 Resp: 473599
Ion Ratio Lower Upper
149 100
167 1.6 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: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:264 Resp: 150082
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 21.6 16.7 25.1

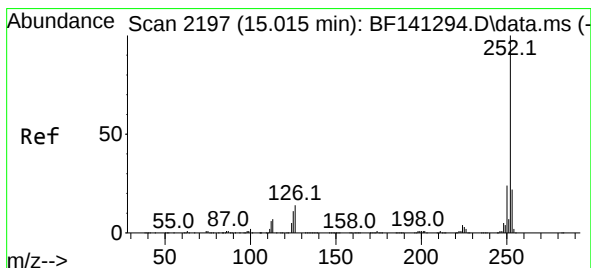
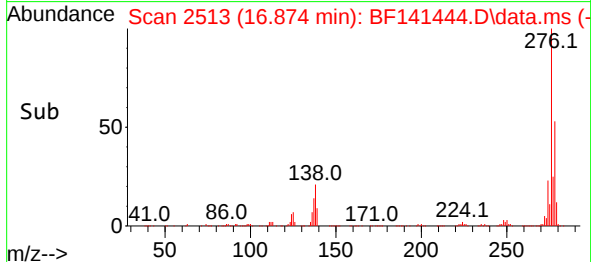
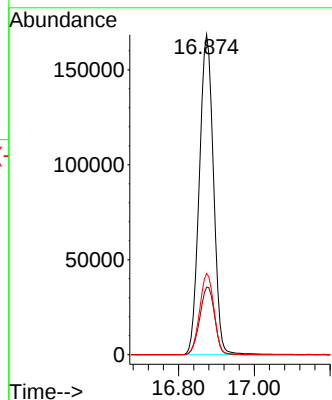
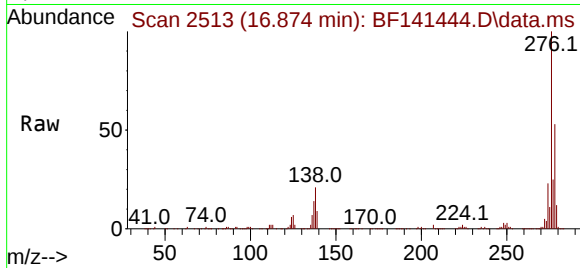




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.101 ng
 RT: 16.874 min Scan# 2113
 Delta R.T. -0.024 min
 Lab File: BF141444.D
 Acq: 05 Feb 2025 13:58

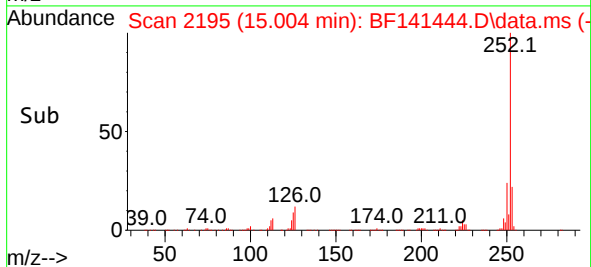
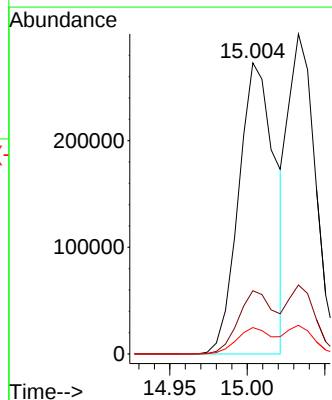
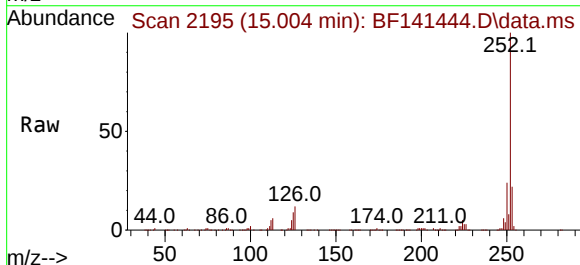
Instrument :
 BNA_F
 ClientSampleId :
 PB166525BS

Tgt Ion:276 Resp: 436877
 Ion Ratio Lower Upper
 276 100
 138 22.1 21.7 32.5
 277 25.7 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 47.191 ng
 RT: 15.004 min Scan# 2195
 Delta R.T. -0.018 min
 Lab File: BF141444.D
 Acq: 05 Feb 2025 13:58

Tgt Ion:252 Resp: 445506
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.4 26.2
 125 9.1 8.6 12.8

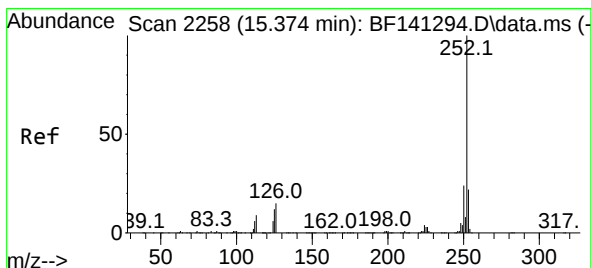
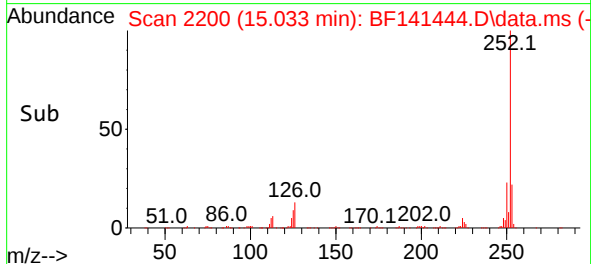
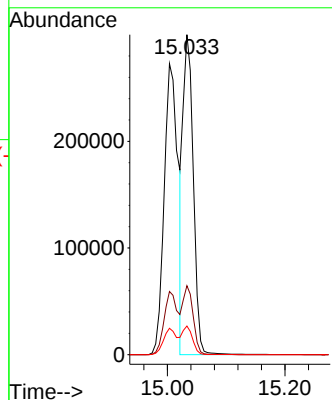
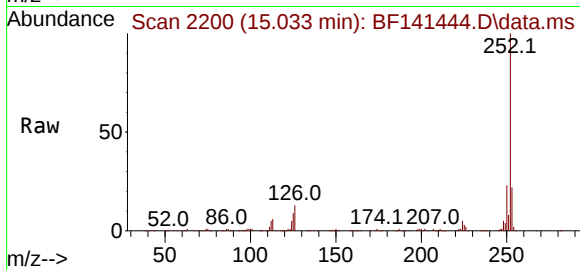




#89
Benzo(k)fluoranthene
Concen: 43.829 ng
RT: 15.033 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

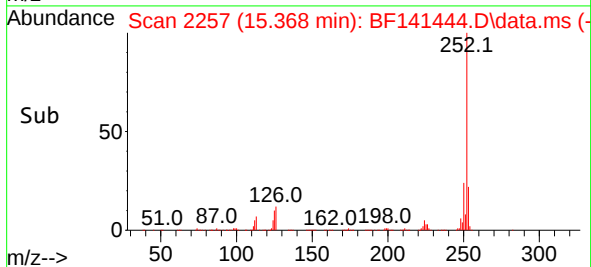
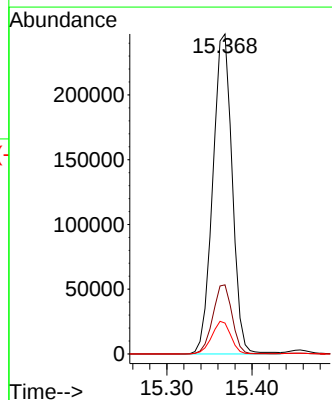
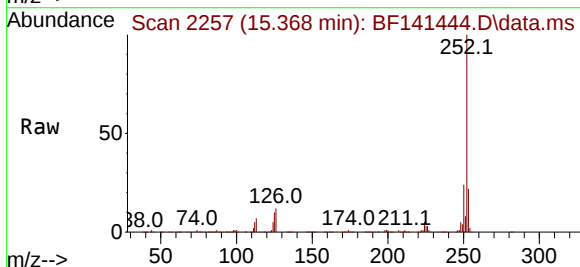
Instrument :
BNA_F
ClientSampleId :
PB166525BS

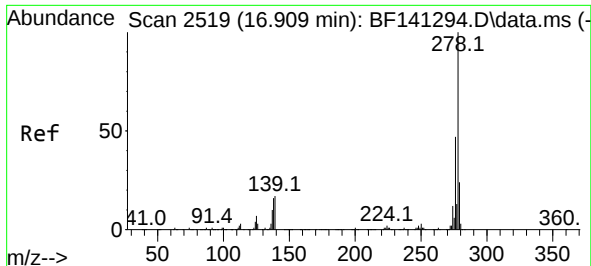
Tgt Ion:252 Resp: 366553
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 8.9 8.4 12.6



#90
Benzo(a)pyrene
Concen: 48.925 ng
RT: 15.368 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:252 Resp: 390312
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 9.7 9.4 14.2

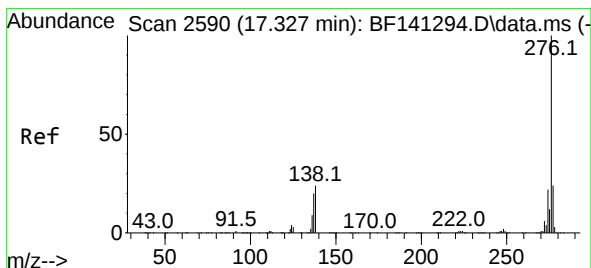
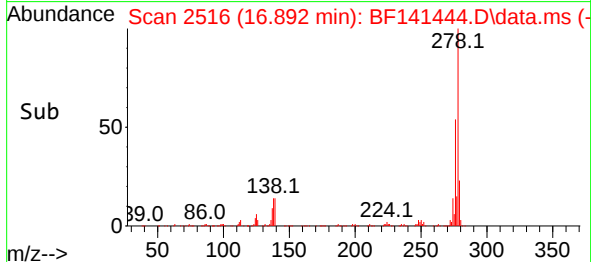
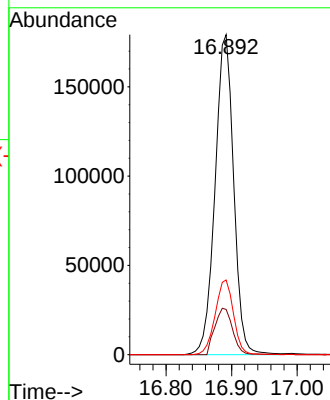
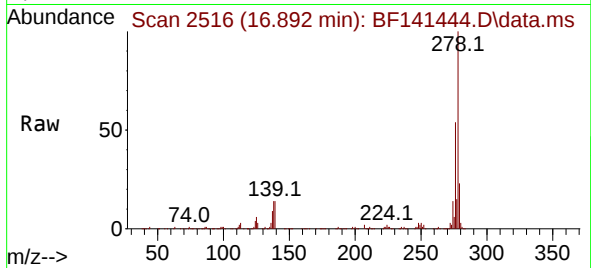




#91
Dibenzo(a,h)anthracene
Concen: 45.207 ng
RT: 16.892 min Scan# 21
Delta R.T. -0.030 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Instrument :
BNA_F
ClientSampleId :
PB166525BS

Tgt Ion:278 Resp: 352311
Ion Ratio Lower Upper
278 100
139 14.1 13.9 20.9
279 23.4 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 40.985 ng
RT: 17.309 min Scan# 2587
Delta R.T. -0.036 min
Lab File: BF141444.D
Acq: 05 Feb 2025 13:58

Tgt Ion:276 Resp: 332118
Ion Ratio Lower Upper
276 100
277 23.1 19.2 28.8
138 19.5 19.0 28.4

