

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
 Data File : BF141249.D
 Acq On : 23 Jan 2025 14:51
 Operator : RC/JU
 Sample : PB166188BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166188BSD

Quant Time: Jan 23 15:37:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	158977	20.000	ng	-0.02
21) Naphthalene-d8	8.087	136	649396	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	367149	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	620688	20.000	ng	-0.01
76) Chrysene-d12	13.986	240	404203	20.000	ng	0.00
86) Perylene-d12	15.463	264	353459	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1448398	140.743	ng	0.00
7) Phenol-d6	6.440	99	1850326	141.942	ng	0.00
23) Nitrobenzene-d5	7.369	82	1192027	97.302	ng	-0.02
42) 2,4,6-Tribromophenol	10.639	330	693198	165.701	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	2271661	94.483	ng	-0.01
79) Terphenyl-d14	12.927	244	2726521	100.258	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	187675	40.952	ng	98
3) Pyridine	3.340	79	490522	43.648	ng	97
4) n-Nitrosodimethylamine	3.287	42	262363	47.746	ng	96
6) Aniline	6.469	93	484887	41.896	ng	# 87
8) 2-Chlorophenol	6.593	128	598463	54.203	ng	96
9) Benzaldehyde	6.351	77	63928	8.326	ng	99
10) Phenol	6.457	94	711080	50.958	ng	85
11) bis(2-Chloroethyl)ether	6.545	93	538659	51.797	ng	96
12) 1,3-Dichlorobenzene	6.745	146	598213	48.579	ng	99
13) 1,4-Dichlorobenzene	6.822	146	607481	48.954	ng	99
14) 1,2-Dichlorobenzene	6.975	146	583582	50.417	ng	98
15) Benzyl Alcohol	6.951	79	520714	55.312	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	717988	49.476	ng	92
17) 2-Methylphenol	7.063	107	490316	55.006	ng	98
18) Hexachloroethane	7.316	117	224126	49.945	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	396250	51.602	ng	97
20) 3+4-Methylphenols	7.216	107	588203	52.304	ng	# 83
22) Acetophenone	7.216	105	764661	49.532	ng	# 95
24) Nitrobenzene	7.392	77	606518	47.503	ng	98
25) Isophorone	7.628	82	1116576	53.333	ng	99
26) 2-Nitrophenol	7.704	139	321974	55.437	ng	99
27) 2,4-Dimethylphenol	7.745	122	494053	63.065	ng	98
28) bis(2-Chloroethoxy)met...	7.840	93	680266	51.774	ng	99
29) 2,4-Dichlorophenol	7.945	162	508940	54.700	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	514457	48.373	ng	99
31) Naphthalene	8.110	128	1713369	50.031	ng	100
32) Benzoic acid	7.875	122	415665	55.311	ng	98
33) 4-Chloroaniline	8.157	127	214582	18.118	ng	99
34) Hexachlorobutadiene	8.228	225	319113	49.797	ng	99
35) Caprolactam	8.534	113	168981m	55.474	ng	
36) 4-Chloro-3-methylphenol	8.645	107	570699	56.085	ng	99
37) 2-Methylnaphthalene	8.804	142	1143510	52.399	ng	100
38) 1-Methylnaphthalene	8.904	142	1057861	49.186	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	530785	50.369	ng	99
41) Hexachlorocyclopentadiene	8.957	237	650443	188.663	ng	100
43) 2,4,6-Trichlorophenol	9.081	196	387626	54.540	ng	98

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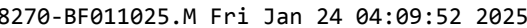
Instrument :
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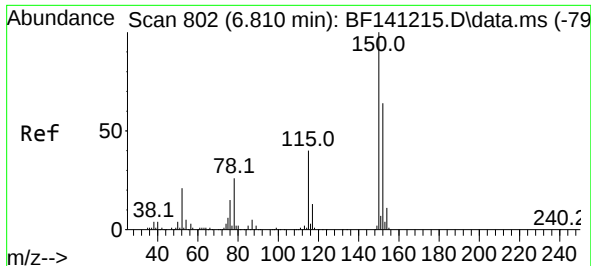
Quant Time: Jan 23 15:37:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	395585	52.702	ng	99
46) 1,1'-Biphenyl	9.269	154	1405274	49.286	ng	99
47) 2-Chloronaphthalene	9.292	162	1080350	48.647	ng	100
48) 2-Nitroaniline	9.386	65	347294	52.755	ng	98
49) Acenaphthylene	9.710	152	1683898	53.072	ng	100
50) Dimethylphthalate	9.575	163	1321187	53.602	ng	100
51) 2,6-Dinitrotoluene	9.633	165	301055	52.523	ng	99
52) Acenaphthene	9.881	154	1271671	57.367	ng	99
53) 3-Nitroaniline	9.798	138	169419	29.086	ng	100
54) 2,4-Dinitrophenol	9.910	184	349786	128.388	ng	94
55) Dibenzofuran	10.057	168	1533471	50.859	ng	100
56) 4-Nitrophenol	9.969	139	499475	109.492	ng	98
57) 2,4-Dinitrotoluene	10.039	165	403894	54.678	ng	97
58) Fluorene	10.398	166	1194296	50.984	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	353098	56.594	ng	99
60) Diethylphthalate	10.275	149	1274610	52.970	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	591152	51.778	ng	100
62) 4-Nitroaniline	10.422	138	299391	52.516	ng	99
63) Azobenzene	10.551	77	1211655	51.031	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	233313	64.868	ng	94
66) n-Nitrosodiphenylamine	10.510	169	1094357	54.663	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	399600	55.919	ng	99
68) Hexachlorobenzene	10.945	284	439591	55.261	ng	99
69) Atrazine	11.039	200	380721	70.628	ng	100
70) Pentachlorophenol	11.139	266	550233	108.010	ng	100
71) Phenanthrene	11.363	178	1801859	54.073	ng	100
72) Anthracene	11.416	178	1846389	56.985	ng	100
73) Carbazole	11.569	167	1601337	53.899	ng	100
74) Di-n-butylphthalate	11.898	149	1941023	57.088	ng	99
75) Fluoranthene	12.551	202	1869139	56.210	ng	99
77) Benzidine	12.669	184	460242	61.401	ng	100
78) Pyrene	12.780	202	1908113	49.424	ng	99
80) Butylbenzylphthalate	13.404	149	767015	59.589	ng	96
81) Benzo(a)anthracene	13.974	228	1406282	51.122	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	267874	30.582	ng	99
83) Chrysene	14.016	228	1359603	52.822	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	982068	63.588	ng	99
85) Di-n-octyl phthalate	14.604	149	1535248	65.829	ng	97
87) Indeno(1,2,3-cd)pyrene	16.921	276	1309650	50.575	ng	98
88) Benzo(b)fluoranthene	15.039	252	1273955	55.894	ng	100
89) Benzo(k)fluoranthene	15.068	252	1083357	56.245	ng	99
90) Benzo(a)pyrene	15.404	252	1092548	58.099	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	1061105	50.663	ng	99
92) Benzo(g,h,i)perylene	17.362	276	973318	44.678	ng	99

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

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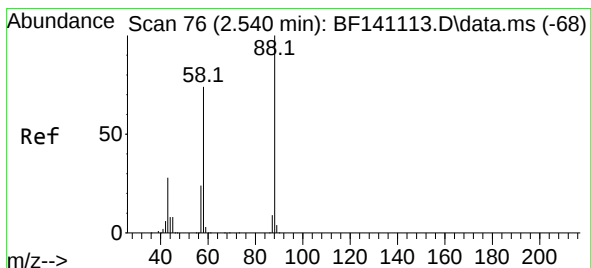
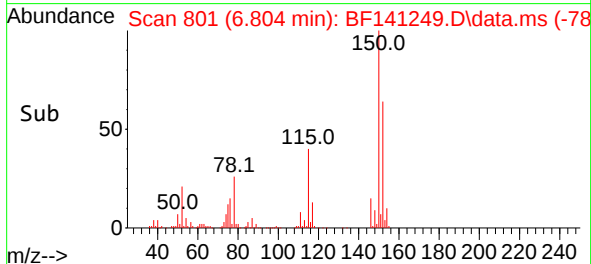
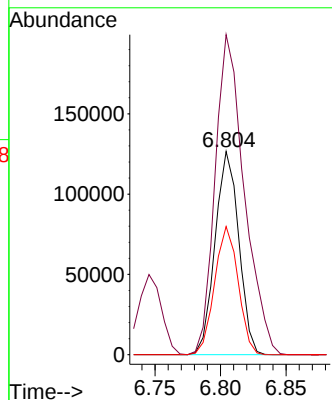
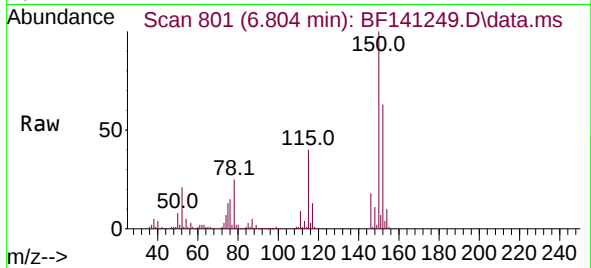




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF141249.D
 Acq: 23 Jan 2025 14:51

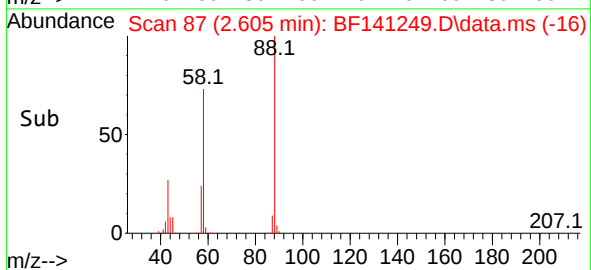
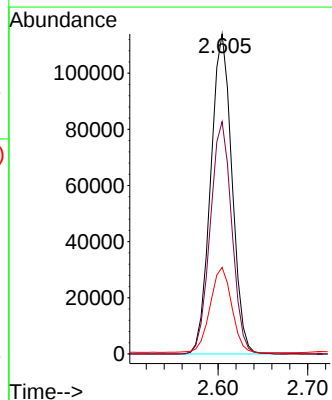
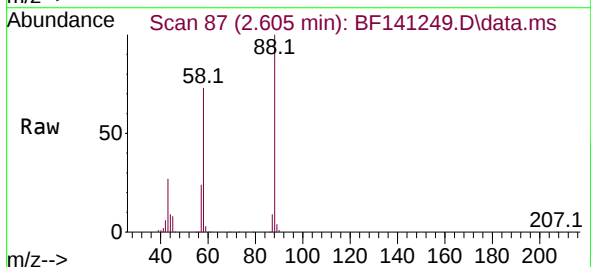
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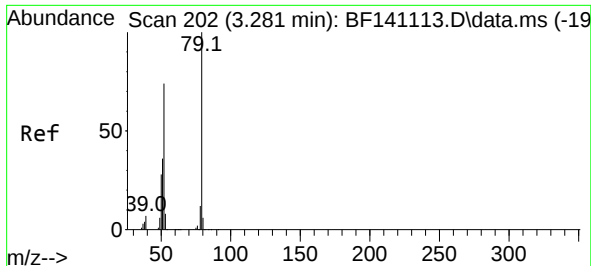
Tgt Ion:152 Resp: 158977
 Ion Ratio Lower Upper
 152 100
 150 157.5 125.8 188.8
 115 63.1 51.4 77.2



#2
 1,4-Dioxane
 Concen: 40.952 ng
 RT: 2.605 min Scan# 87
 Delta R.T. 0.065 min
 Lab File: BF141249.D
 Acq: 23 Jan 2025 14:51

Tgt Ion: 88 Resp: 187675
 Ion Ratio Lower Upper
 88 100
 58 73.5 60.1 90.1
 43 27.2 23.1 34.7

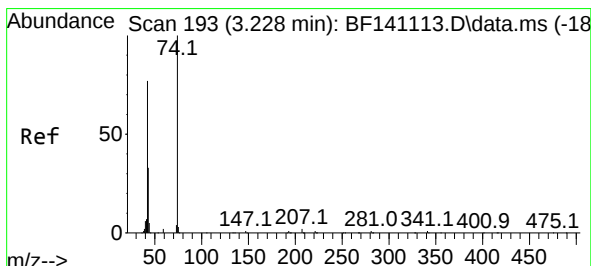
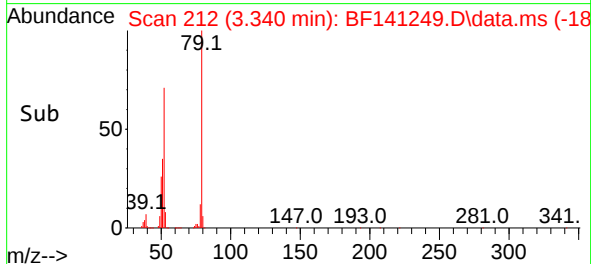
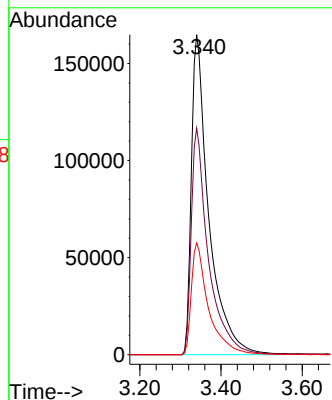
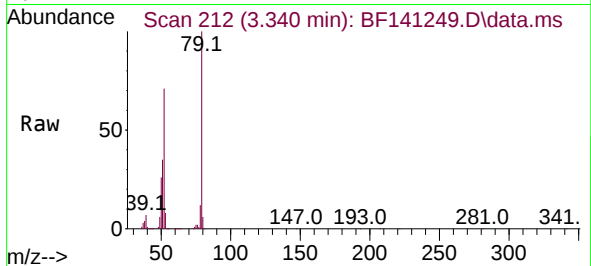




#3
Pyridine
Concen: 43.648 ng
RT: 3.340 min Scan# 212
Delta R.T. 0.059 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

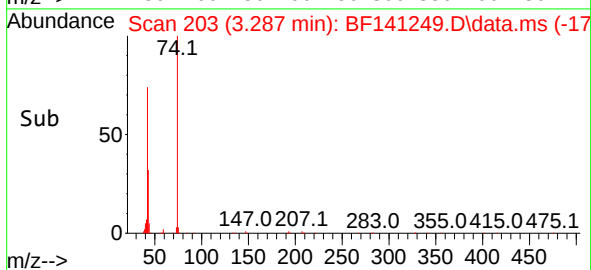
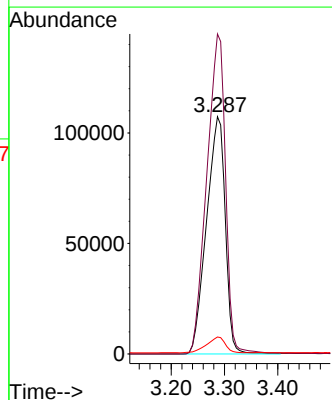
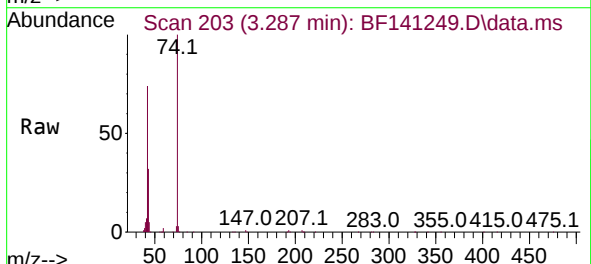
Instrument :
BNA_F
ClientSampleId :
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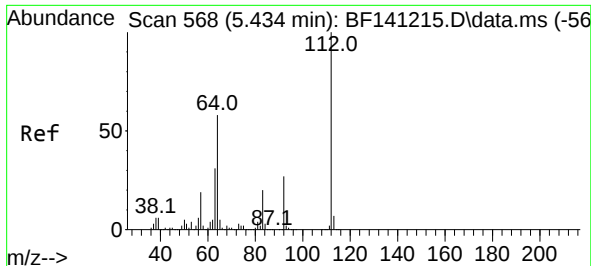
Tgt Ion: 79 Resp: 490522
Ion Ratio Lower Upper
79 100
52 70.8 58.9 88.3
51 34.9 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 47.746 ng
RT: 3.287 min Scan# 203
Delta R.T. 0.059 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion: 42 Resp: 262363
Ion Ratio Lower Upper
42 100
74 134.8 103.8 155.6
44 7.1 5.3 7.9

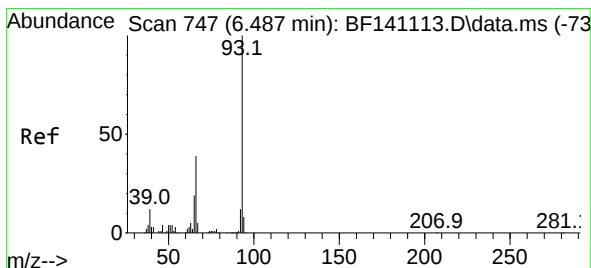
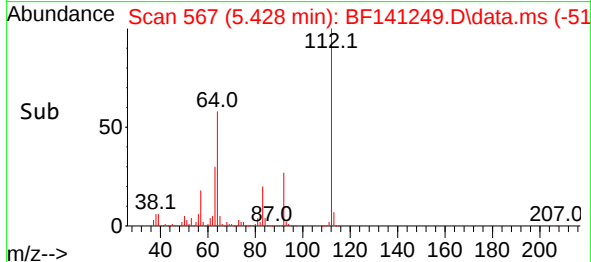
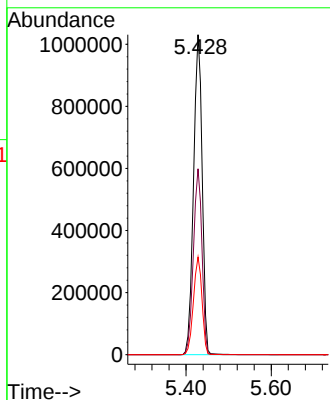
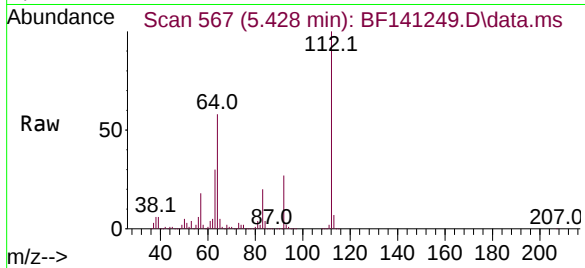




#5
2-Fluorophenol
Concen: 140.743 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

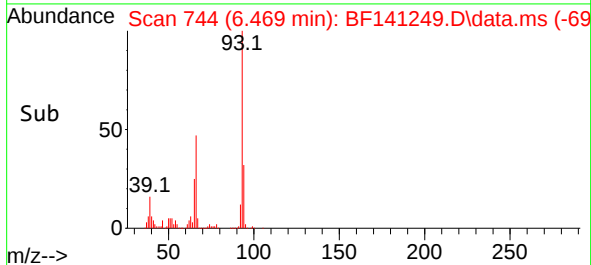
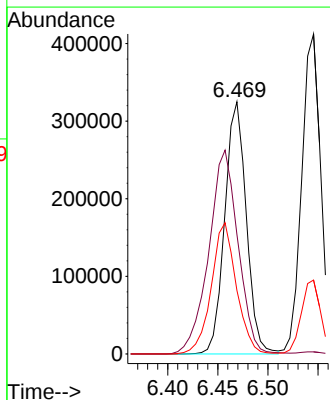
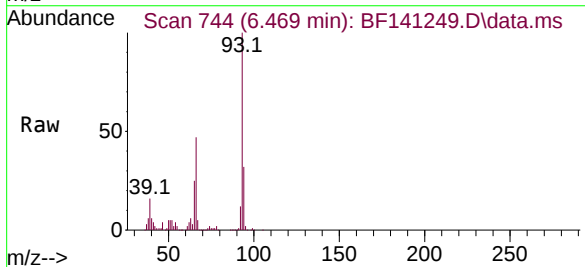
Instrument :
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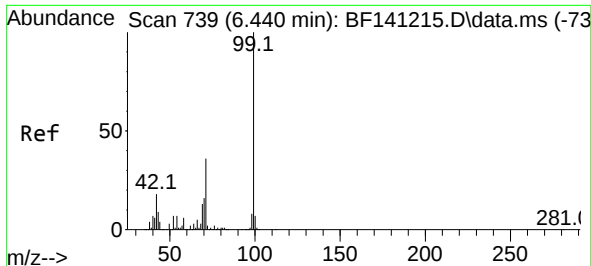
Tgt Ion:112 Resp: 1448398
Ion Ratio Lower Upper
112 100
64 58.1 47.3 70.9
63 30.5 24.2 36.2



#6
Aniline
Concen: 41.896 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion: 93 Resp: 484887
Ion Ratio Lower Upper
93 100
66 47.4 31.5 47.3#
65 25.2 15.3 22.9#



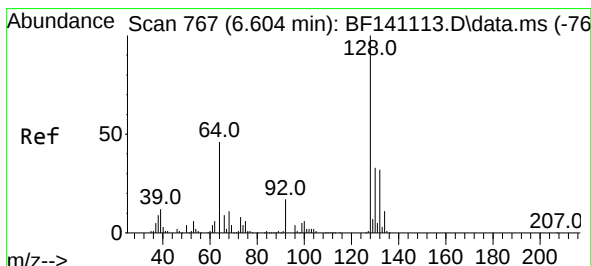
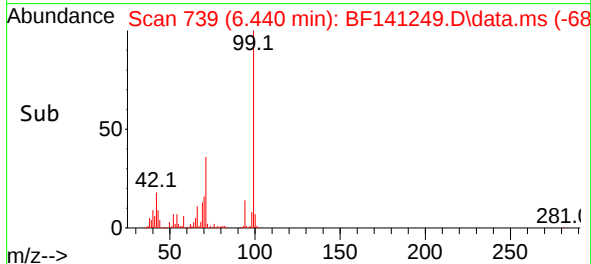
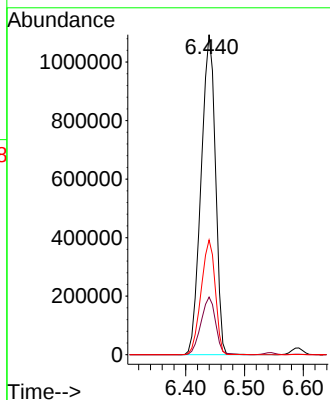
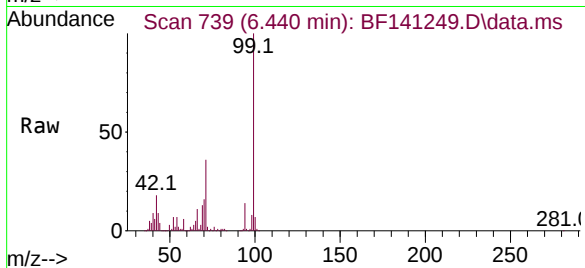


#7
Phenol-d6
Concen: 141.942 ng
RT: 6.440 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Instrument :
BNA_F
ClientSampleId :
PB166188BSD

Tgt Ion: 99 Resp: 1850326

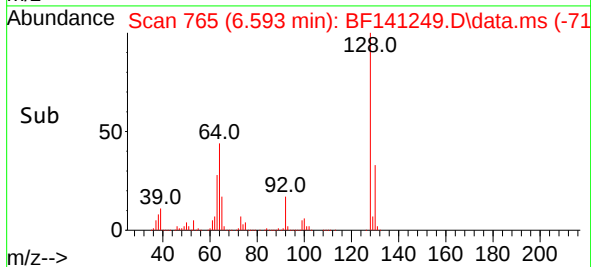
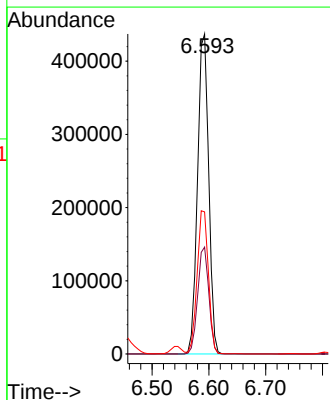
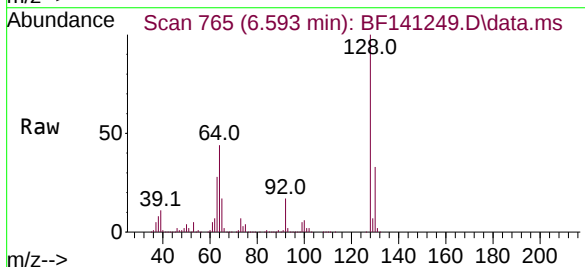
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.4
71	35.8	27.6	41.4

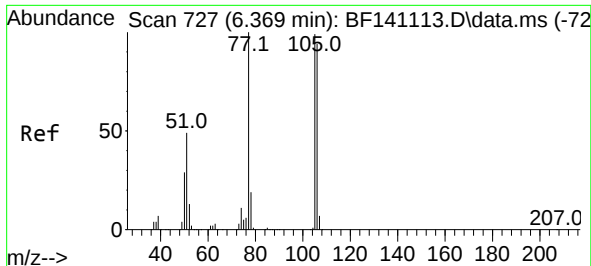


#8
2-Chlorophenol
Concen: 54.203 ng
RT: 6.593 min Scan# 765
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion: 128 Resp: 598463

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.5	52.5
64	44.4	28.3	68.3

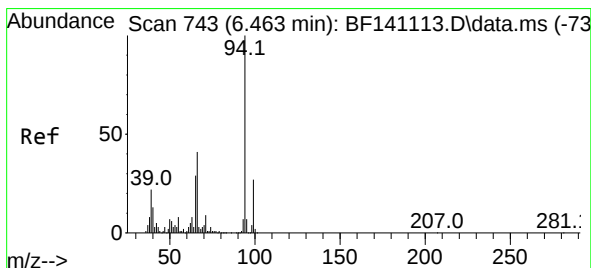
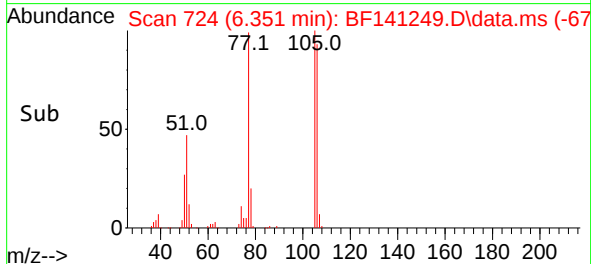
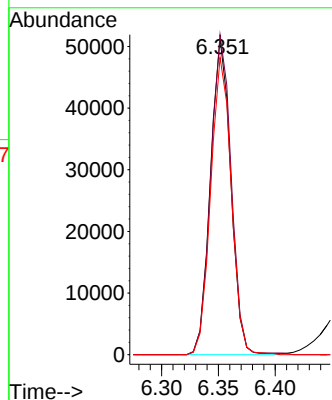
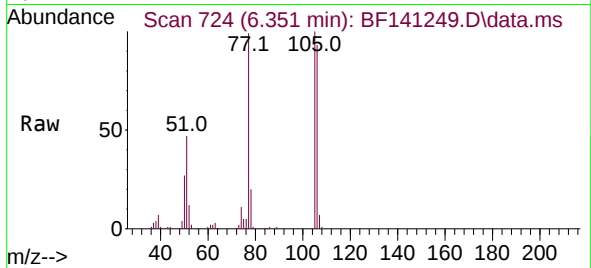




#9
Benzaldehyde
Concen: 8.326 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

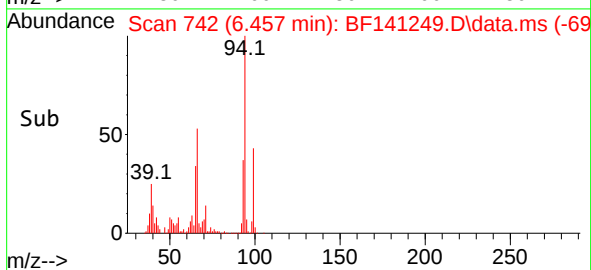
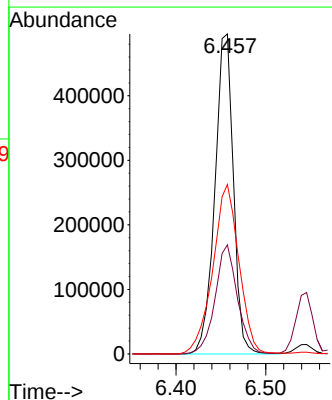
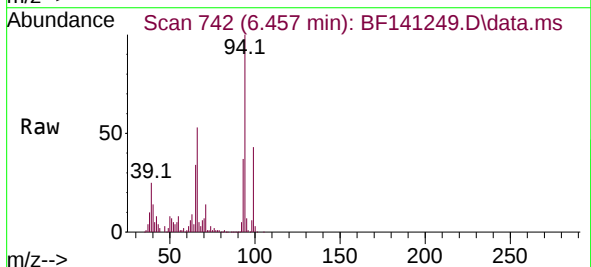
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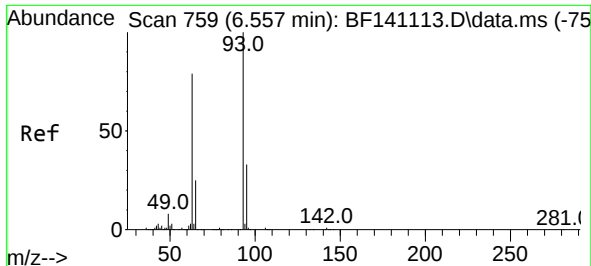
Tgt Ion: 77 Resp: 63928
Ion Ratio Lower Upper
77 100
105 101.2 78.9 118.9
106 94.0 73.6 113.6



#10
Phenol
Concen: 50.958 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion: 94 Resp: 711080
Ion Ratio Lower Upper
94 100
65 34.1 8.9 48.9
66 53.0 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 51.797 ng

RT: 6.545 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB166188BSD

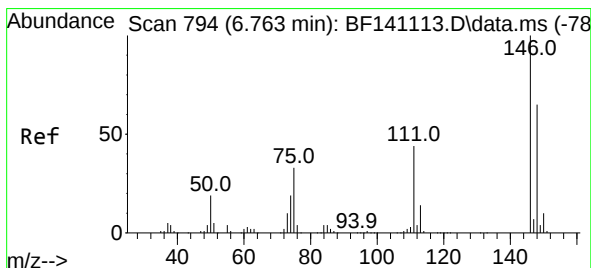
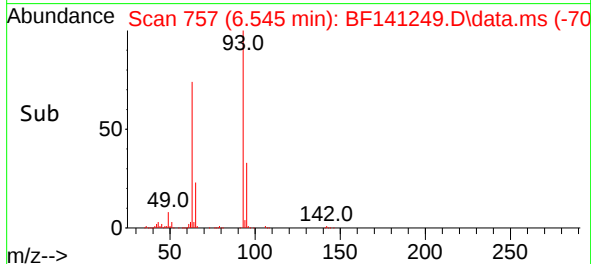
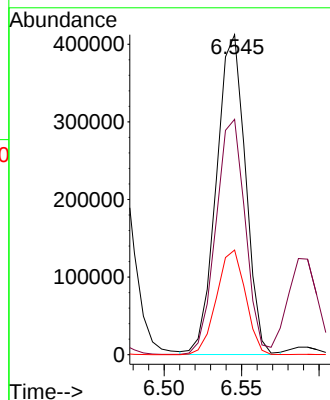
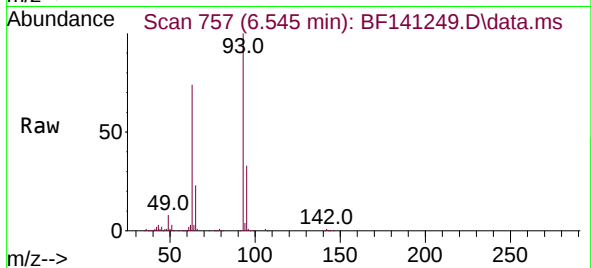
Tgt Ion: 93 Resp: 538659

Ion Ratio Lower Upper

93 100

63 73.6 58.0 98.0

95 32.7 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 48.579 ng

RT: 6.745 min Scan# 791

Delta R.T. -0.018 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

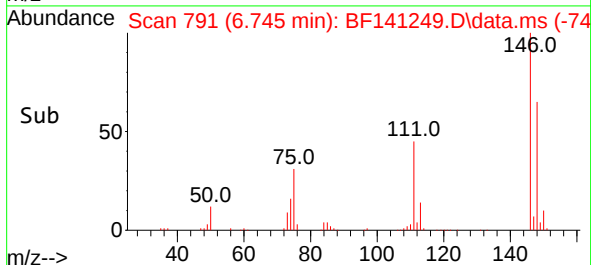
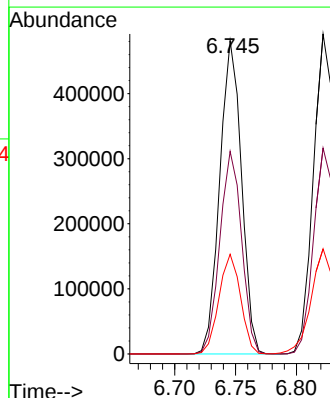
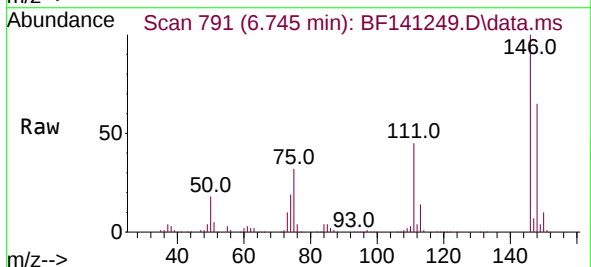
Tgt Ion:146 Resp: 598213

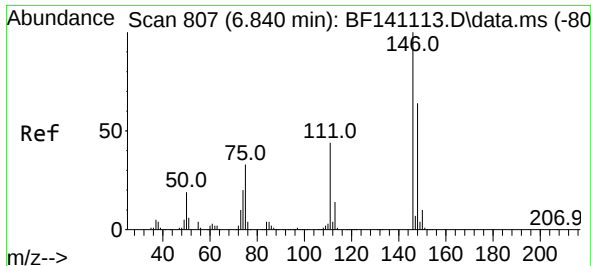
Ion Ratio Lower Upper

146 100

148 64.6 51.6 77.4

75 31.8 26.2 39.2

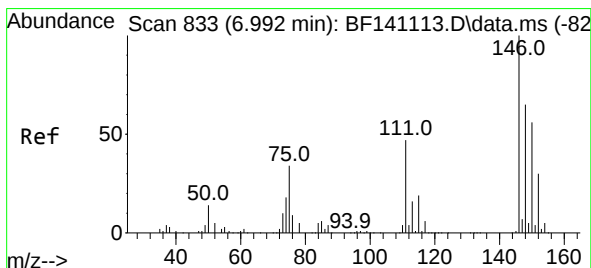
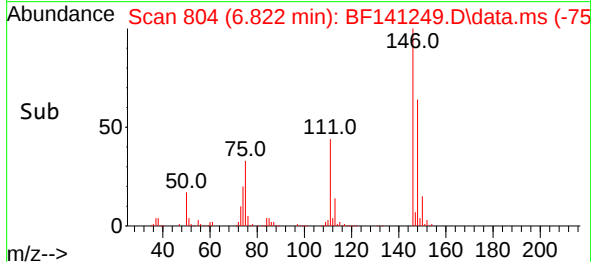
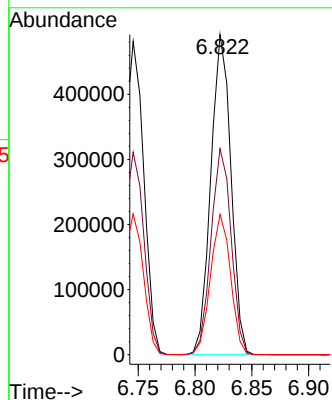
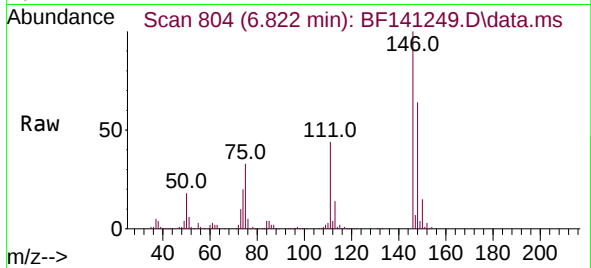




#13
1,4-Dichlorobenzene
Concen: 48.954 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.018 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

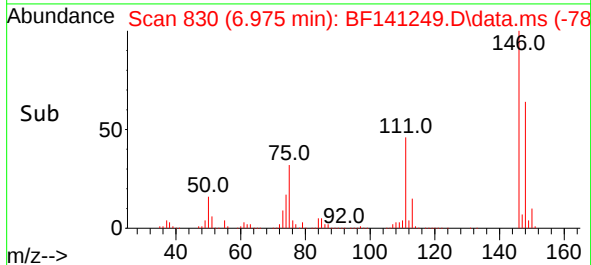
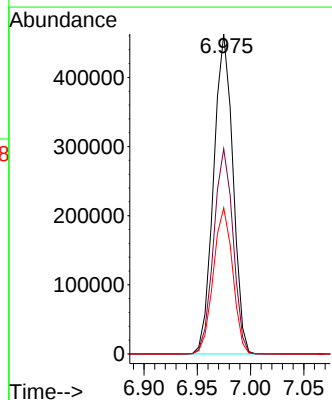
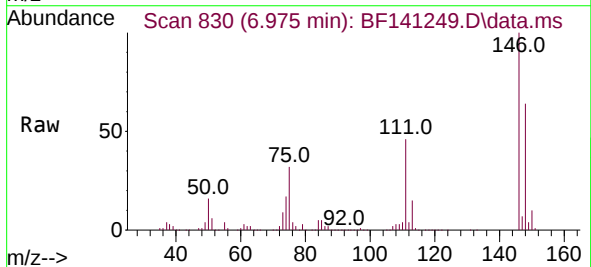
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

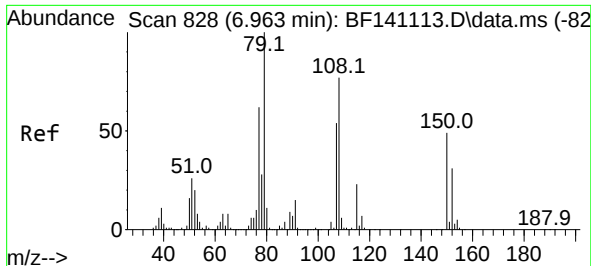
Tgt Ion:146 Resp: 607481
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
111 43.8 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 50.417 ng
RT: 6.975 min Scan# 830
Delta R.T. -0.018 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:146 Resp: 583582
Ion Ratio Lower Upper
146 100
148 64.1 52.2 78.4
111 45.7 37.5 56.3

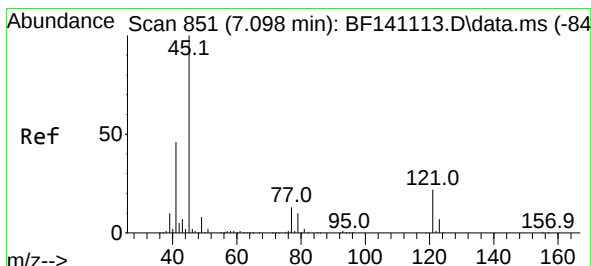
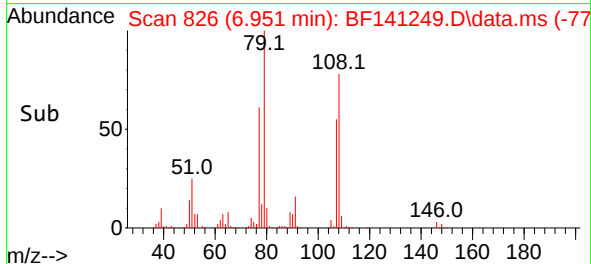
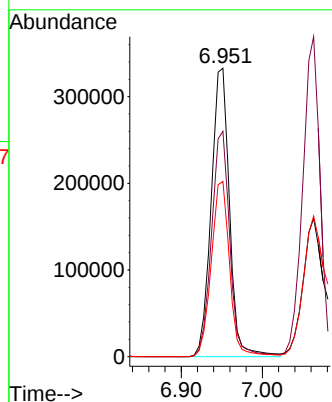
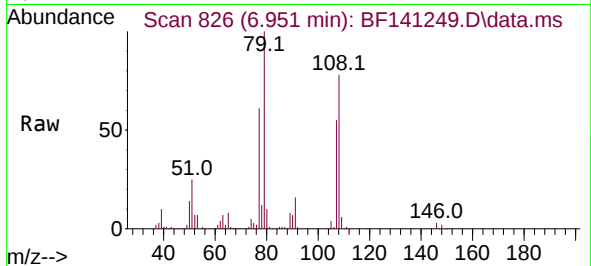




#15
Benzyl Alcohol
Concen: 55.312 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

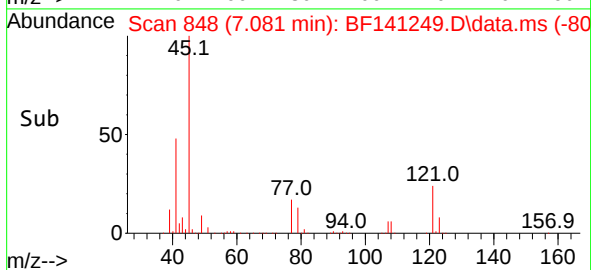
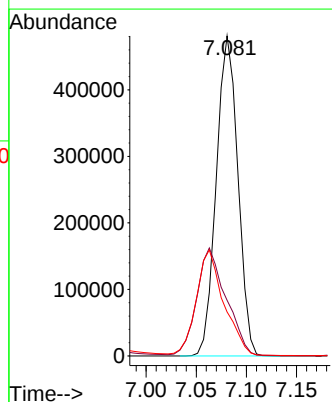
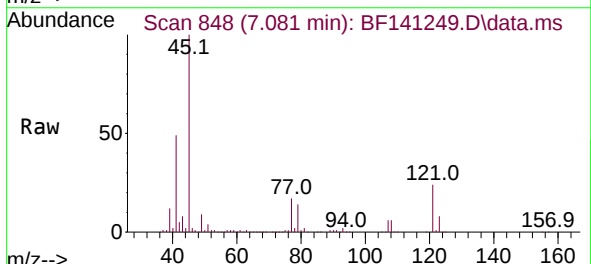
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

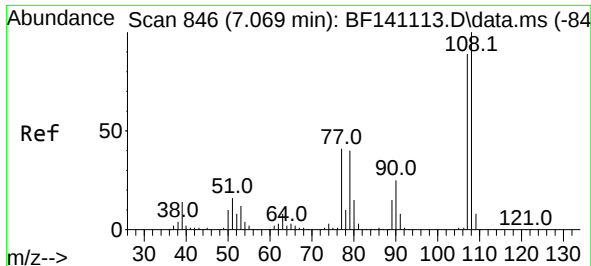
Tgt Ion: 79 Resp: 520714
Ion Ratio Lower Upper
79 100
108 78.1 61.4 92.0
77 60.8 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.476 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.018 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion: 45 Resp: 717988
Ion Ratio Lower Upper
45 100
77 17.4 0.0 34.1
79 13.8 0.0 31.0

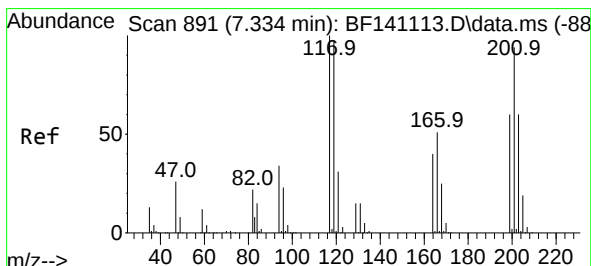
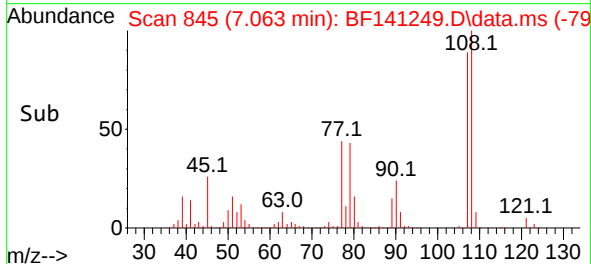
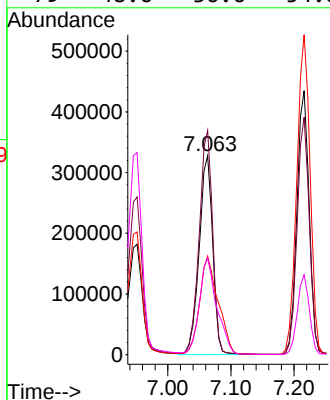
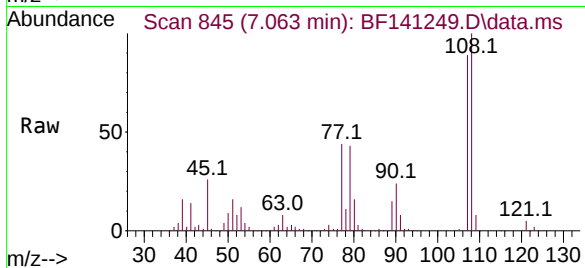




#17
2-Methylphenol
Concen: 55.006 ng
RT: 7.063 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

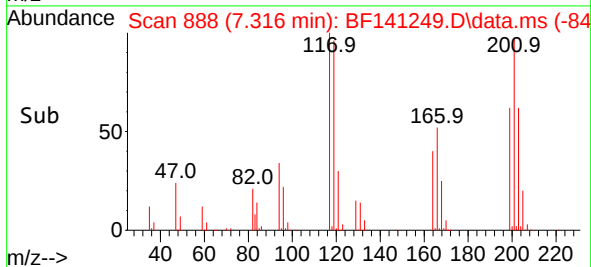
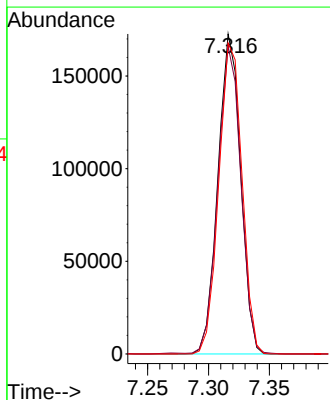
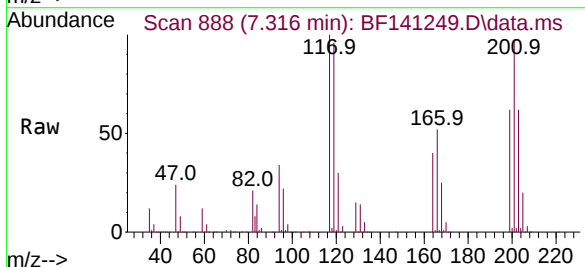
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

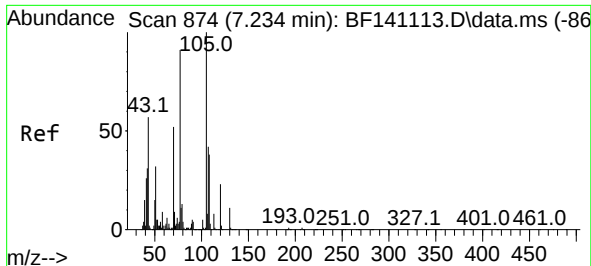
Tgt Ion:107 Resp: 490316
Ion Ratio Lower Upper
107 100
108 112.6 90.1 135.1
77 49.5 36.6 55.0
79 48.6 36.6 54.8



#18
Hexachloroethane
Concen: 49.945 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:117 Resp: 224126
Ion Ratio Lower Upper
117 100
119 96.1 77.6 116.4
201 97.2 75.1 112.7



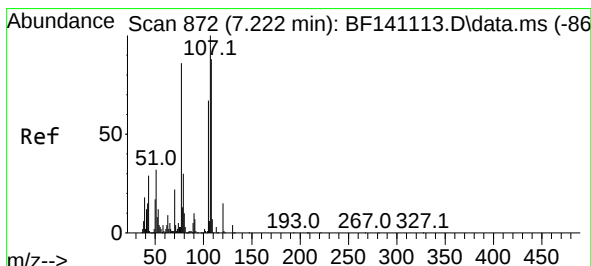
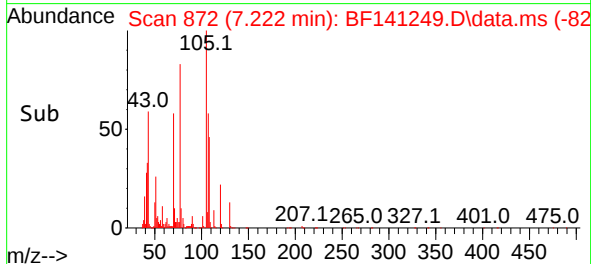
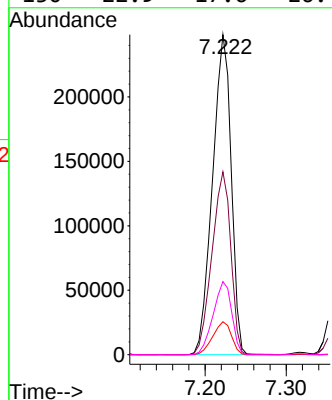
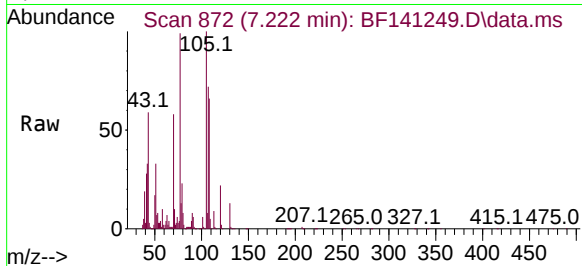


#19
n-Nitroso-di-n-propylamine
Concen: 51.602 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Instrument :
BNA_F
ClientSampleId :
PB166188BSD

Tgt Ion: 70 Resp: 396250

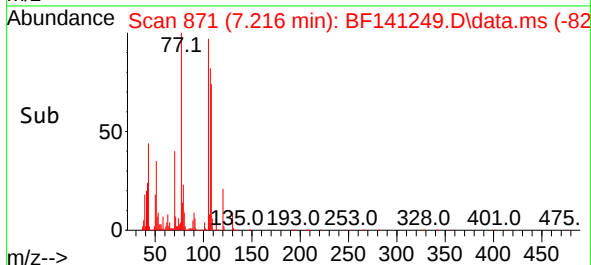
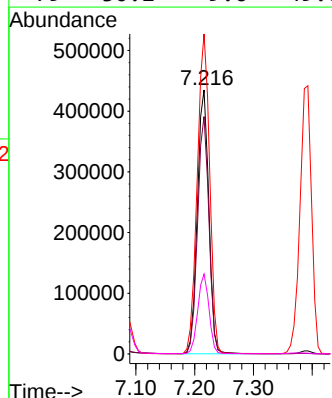
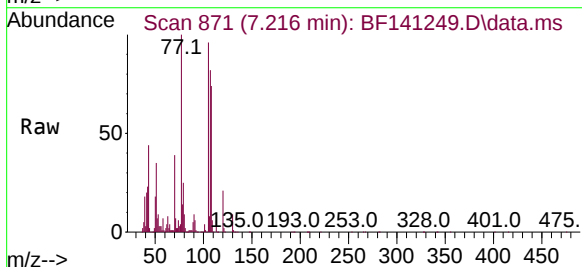
Ion	Ratio	Lower	Upper
70	100		
42	57.1	47.8	71.6
101	10.3	7.9	11.9
130	22.9	17.6	26.4

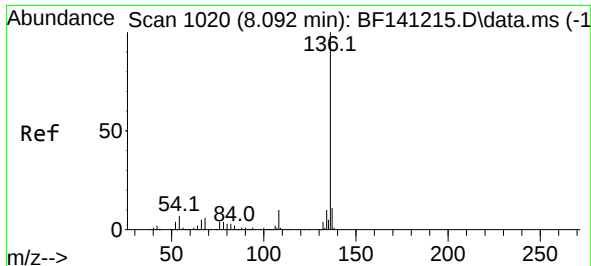


#20
3+4-Methylphenols
Concen: 52.304 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion: 107 Resp: 588203

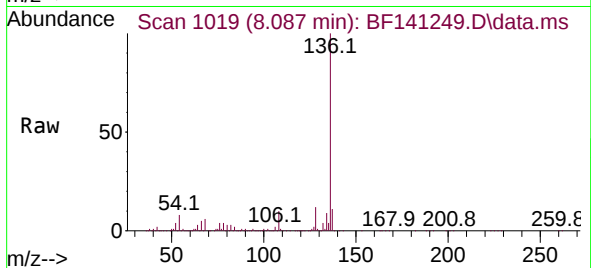
Ion	Ratio	Lower	Upper
107	100		
108	90.0	68.3	108.3
77	121.2	66.4	106.4#
79	30.2	9.6	49.6



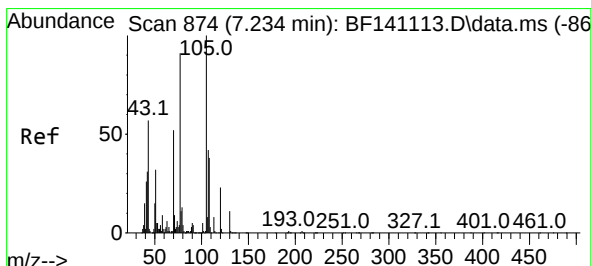
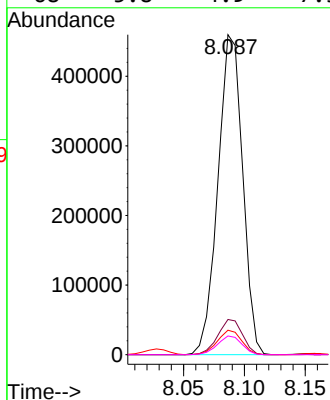
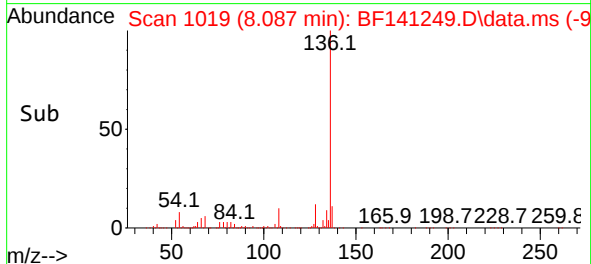


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Instrument :
BNA_F
ClientSampleId :
PB166188BSD

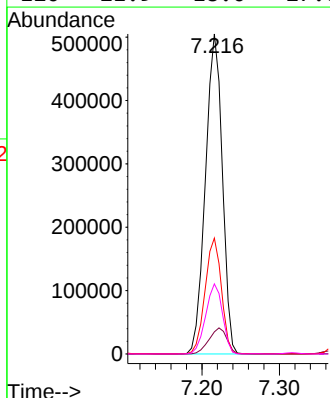
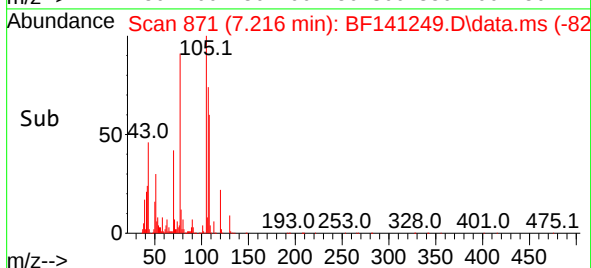
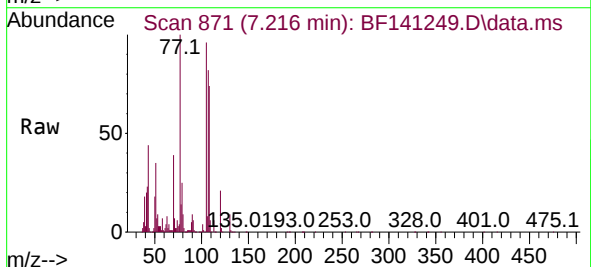


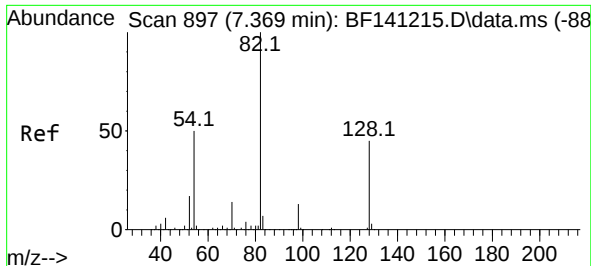
Tgt Ion:	136	Resp:	649396
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.6	6.3	9.5
68	5.8	4.9	7.3



#22
Acetophenone
Concen: 49.532 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.018 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:	105	Resp:	764661
Ion Ratio	Lower	Upper	
105	100		
71	6.9	7.1	10.7#
51	36.2	25.4	38.2
120	21.9	18.0	27.0



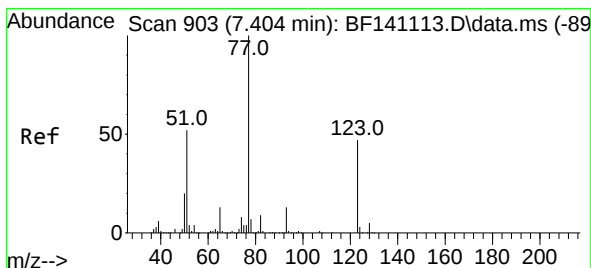
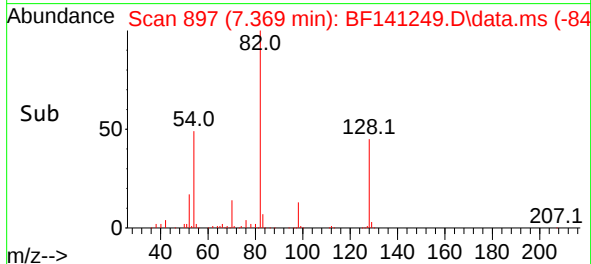
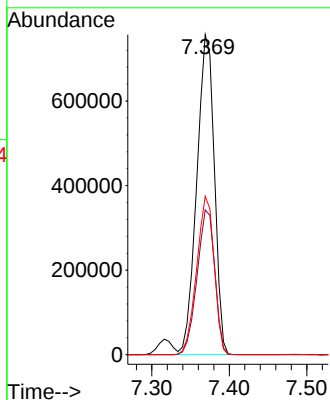
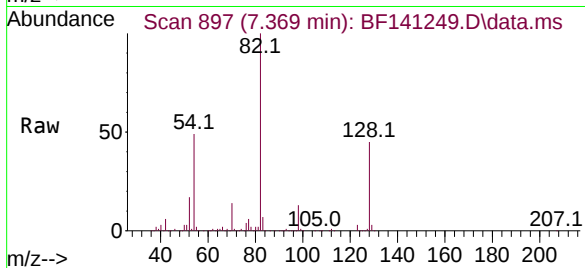


#23
 Nitrobenzene-d5
 Concen: 97.302 ng
 RT: 7.369 min Scan# 897
 Delta R.T. -0.018 min
 Lab File: BF141249.D
 Acq: 23 Jan 2025 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB166188BSD

Tgt Ion: 82 Resp: 1192027

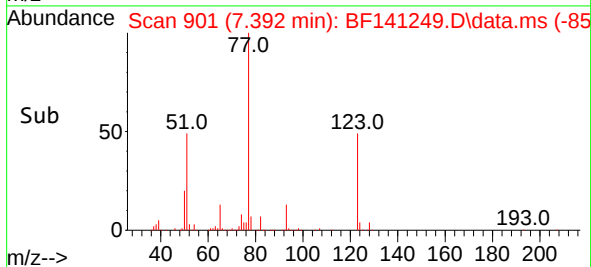
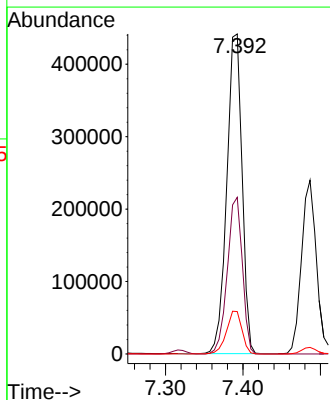
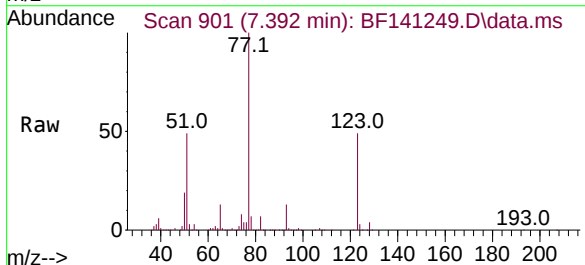
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	49.5	41.0	61.4

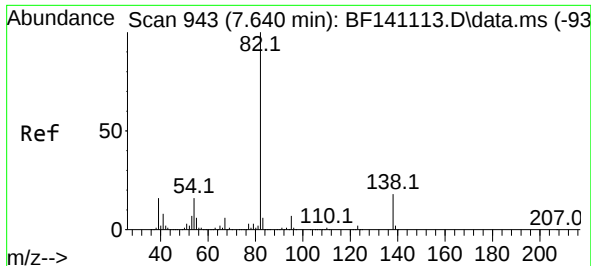


#24
 Nitrobenzene
 Concen: 47.503 ng
 RT: 7.392 min Scan# 901
 Delta R.T. -0.012 min
 Lab File: BF141249.D
 Acq: 23 Jan 2025 14:51

Tgt Ion: 77 Resp: 606518

Ion	Ratio	Lower	Upper
77	100		
123	49.0	37.7	56.5
65	13.3	10.6	16.0

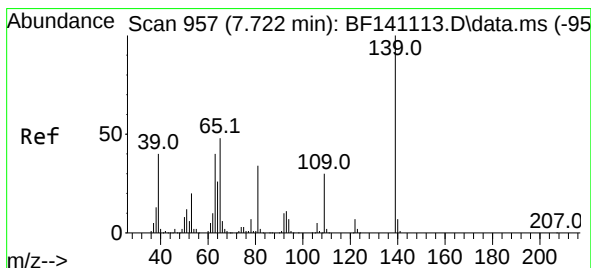
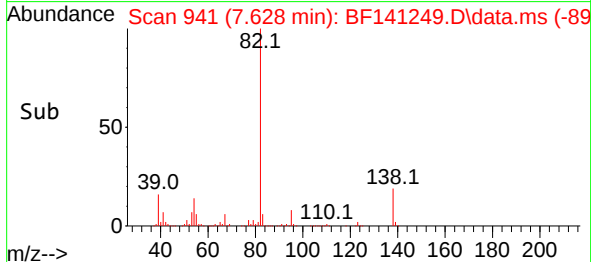
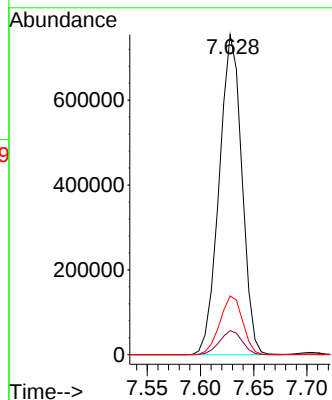
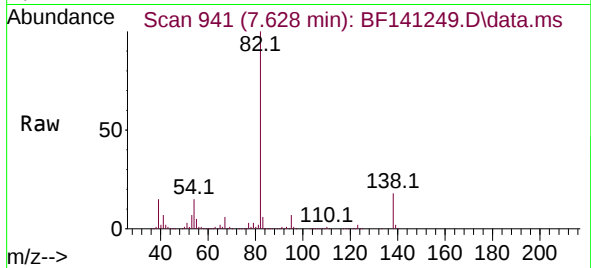




#25
Isophorone
Concen: 53.333 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

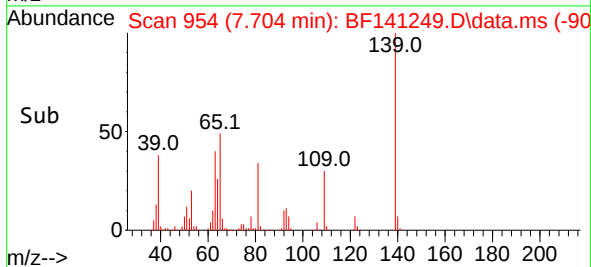
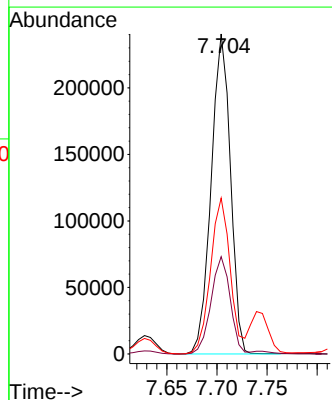
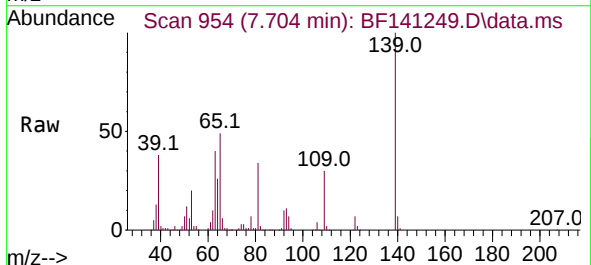
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

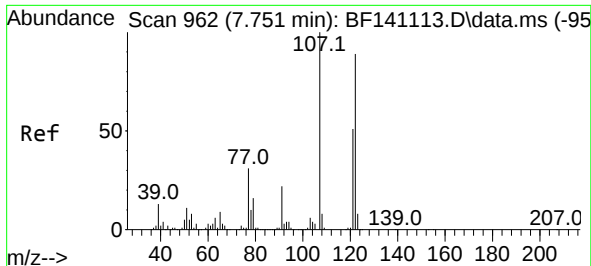
Tgt Ion: 82 Resp: 1116576
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.4 14.2 21.2



#26
2-Nitrophenol
Concen: 55.437 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.018 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:139 Resp: 321974
Ion Ratio Lower Upper
139 100
109 30.4 23.8 35.6
65 48.7 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 63.065 ng

RT: 7.745 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB166188BSD

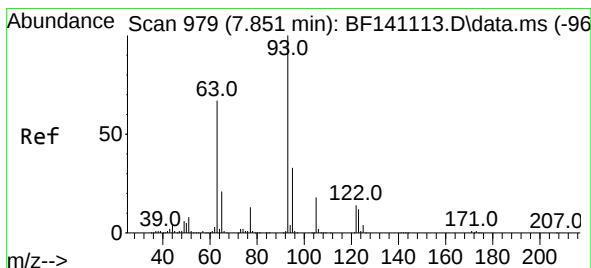
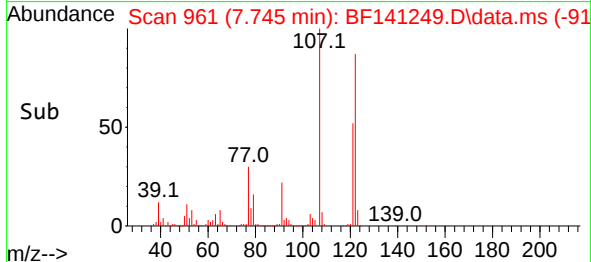
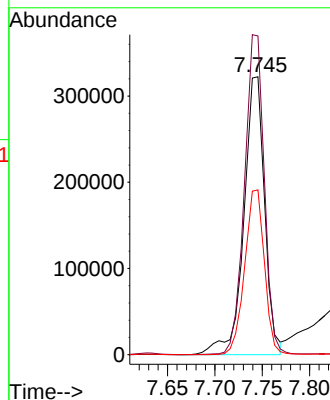
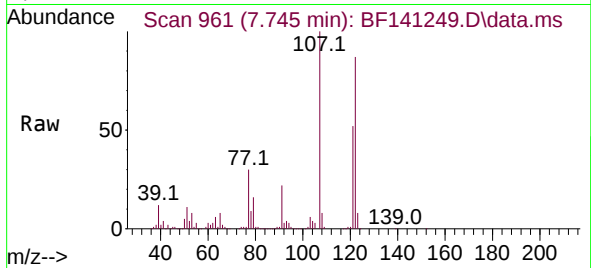
Tgt Ion:122 Resp: 494053

Ion Ratio Lower Upper

122 100

107 114.6 90.3 135.5

121 59.3 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 51.774 ng

RT: 7.840 min Scan# 977

Delta R.T. -0.012 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

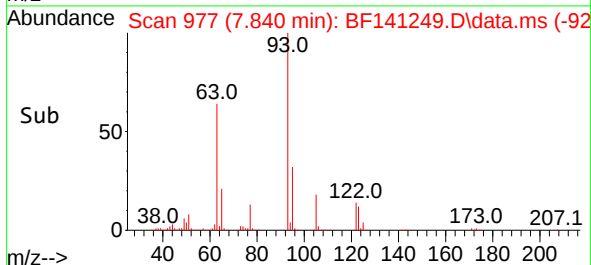
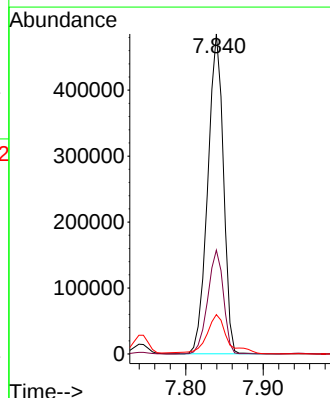
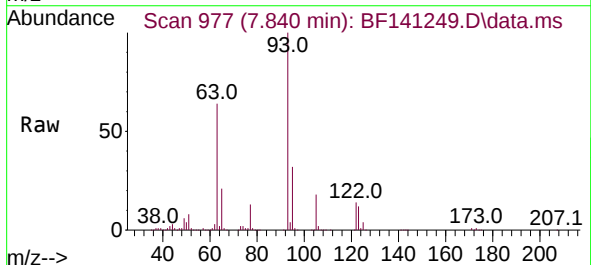
Tgt Ion: 93 Resp: 680266

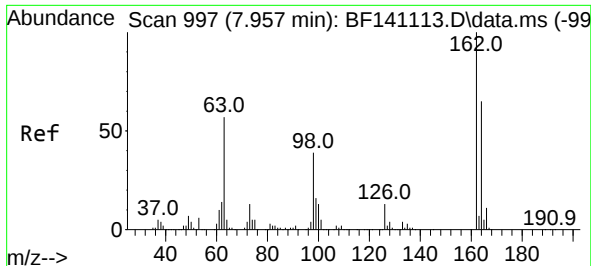
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.4

123 12.3 10.1 15.1

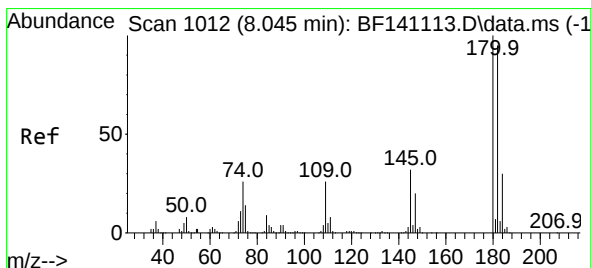
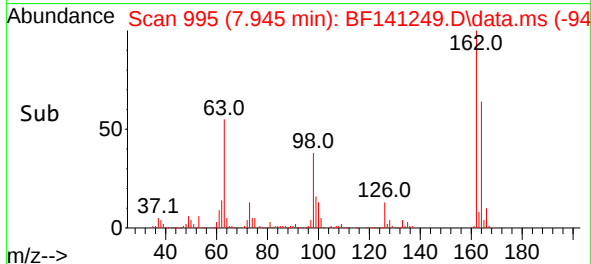
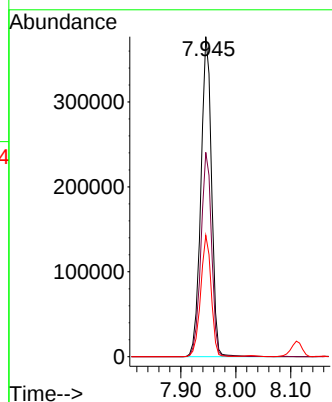
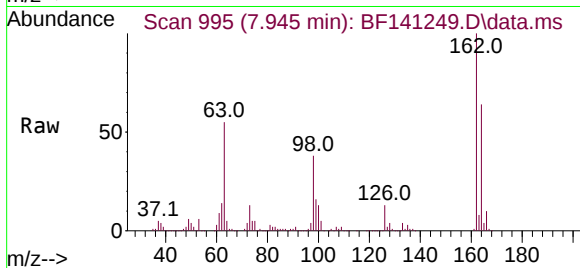




#29
2,4-Dichlorophenol
Concen: 54.700 ng
RT: 7.945 min Scan# 995
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

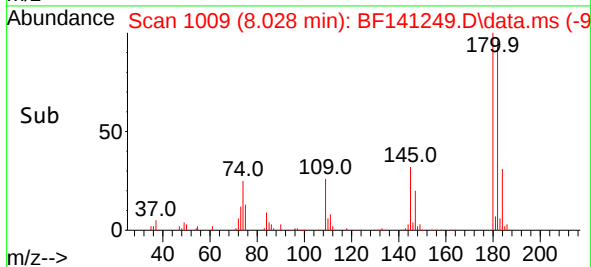
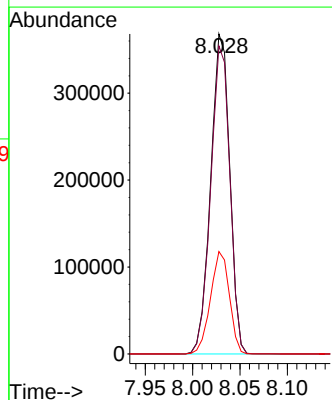
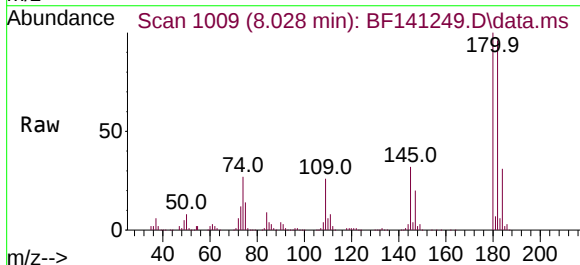
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

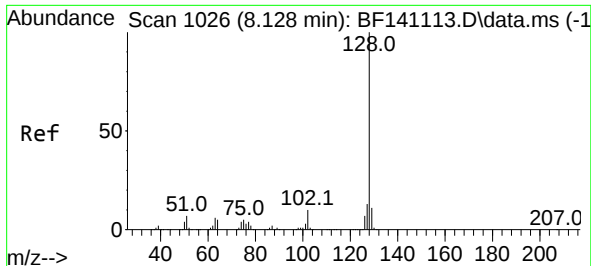
Tgt Ion:162 Resp: 508940
Ion Ratio Lower Upper
162 100
164 63.9 44.5 84.5
98 37.9 18.5 58.5



#30
1,2,4-Trichlorobenzene
Concen: 48.373 ng
RT: 8.028 min Scan# 1009
Delta R.T. -0.018 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:180 Resp: 514457
Ion Ratio Lower Upper
180 100
182 96.2 76.2 114.2
145 32.0 25.3 37.9

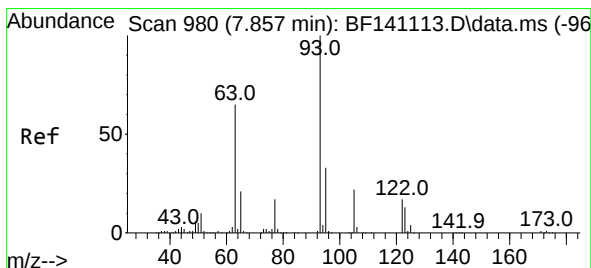
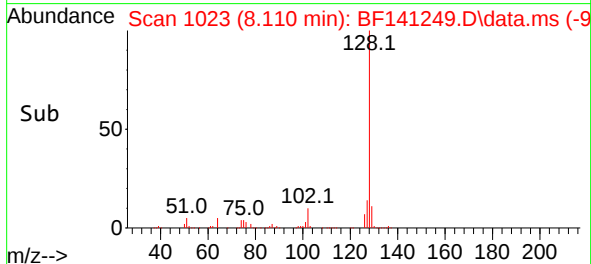
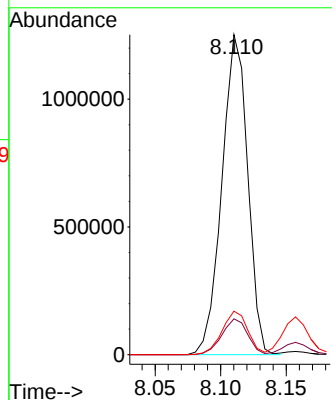
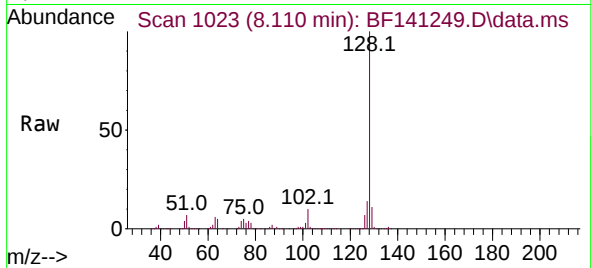




#31
Naphthalene
Concen: 50.031 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.018 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

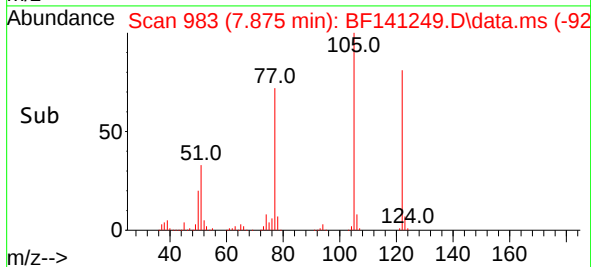
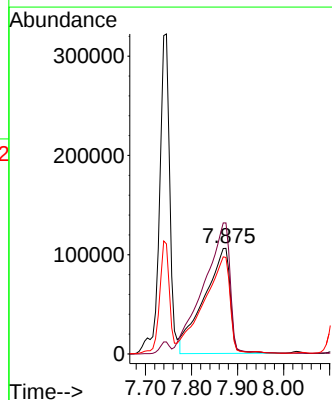
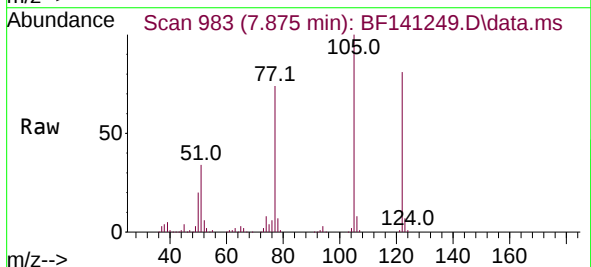
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

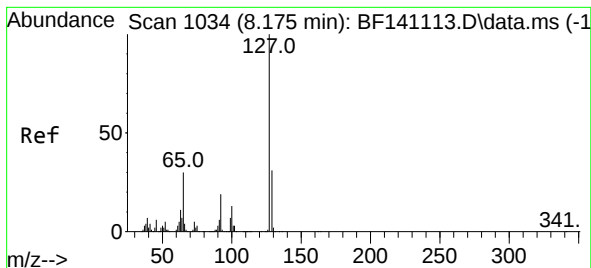
Tgt Ion:128 Resp: 1713369
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 55.311 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.018 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:122 Resp: 415665
Ion Ratio Lower Upper
122 100
105 124.0 105.5 145.5
77 91.4 75.1 115.1





#33

4-Chloroaniline

Concen: 18.118 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.018 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB166188BSD

Tgt Ion:127 Resp: 214582

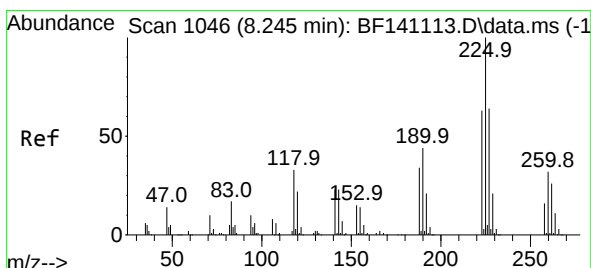
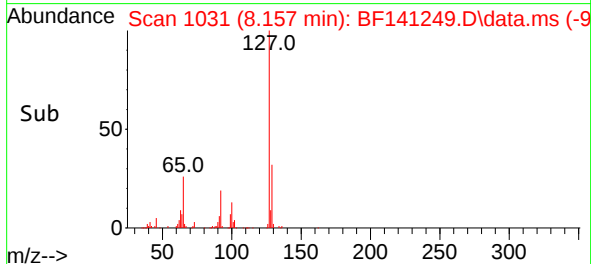
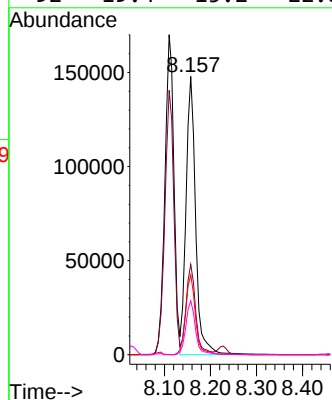
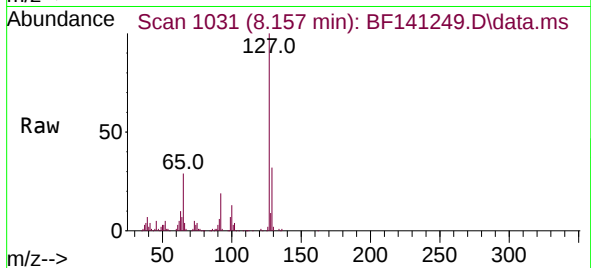
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 28.7 23.8 35.8

92 19.4 15.2 22.8



#34

Hexachlorobutadiene

Concen: 49.797 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.018 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

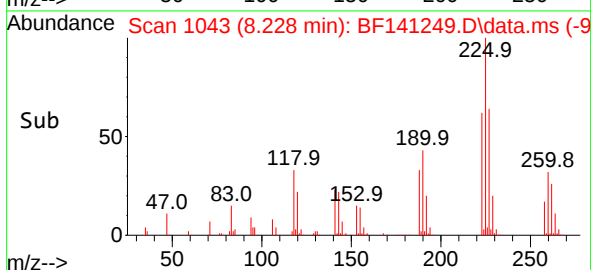
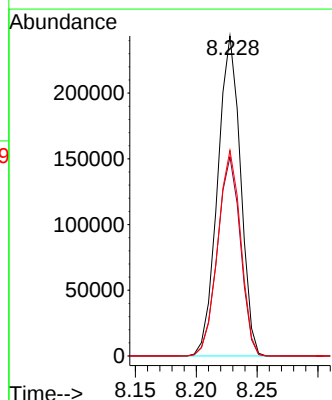
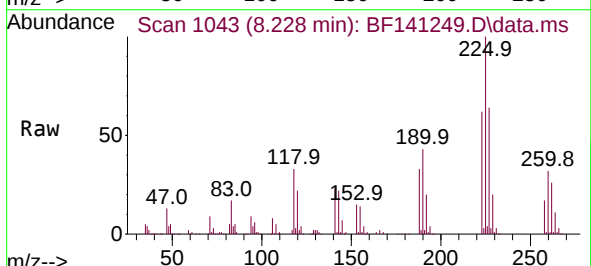
Tgt Ion:225 Resp: 319113

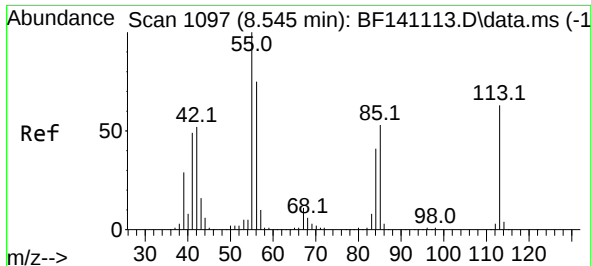
Ion Ratio Lower Upper

225 100

223 62.2 50.6 76.0

227 64.3 51.6 77.4

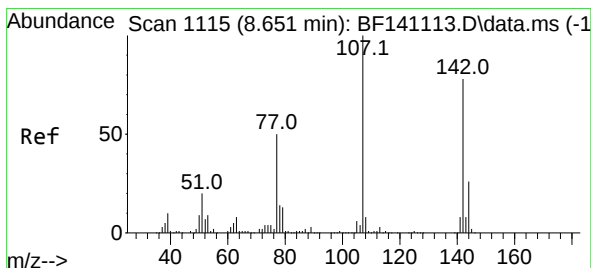
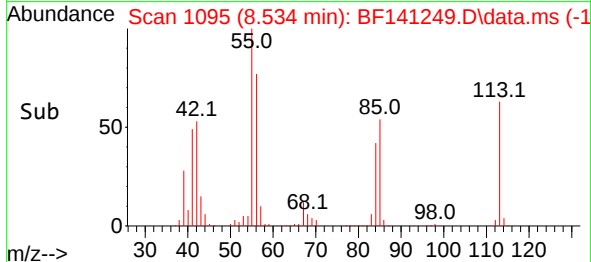
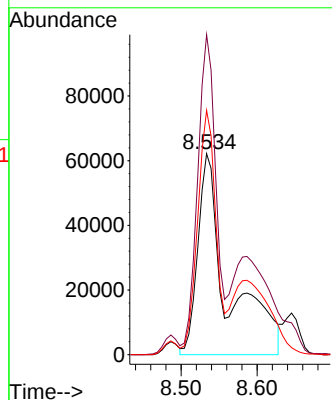
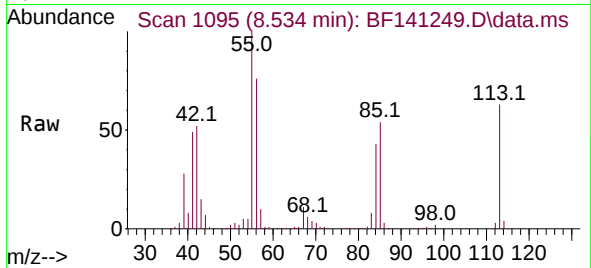




#35
Caprolactam
Concen: 55.474 ng m
RT: 8.534 min Scan# 1095
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

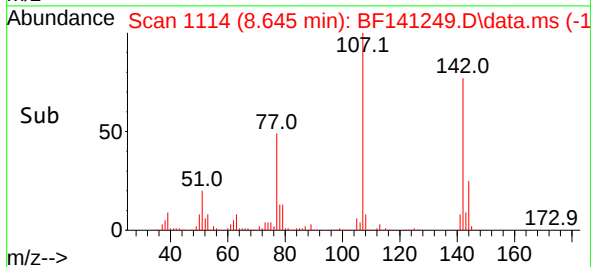
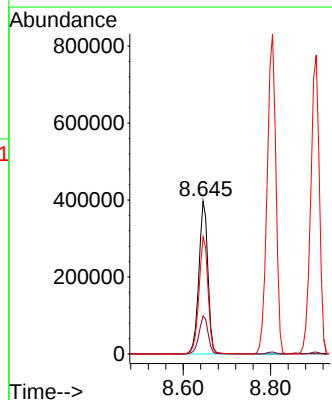
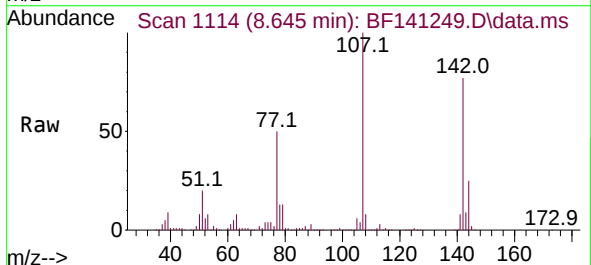
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

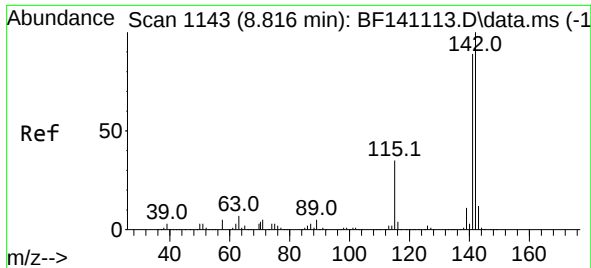
Tgt Ion:113 Resp: 168981
Ion Ratio Lower Upper
113 100
55 159.2 139.7 179.7
56 121.6 99.4 139.4



#36
4-Chloro-3-methylphenol
Concen: 56.085 ng
RT: 8.645 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:107 Resp: 570699
Ion Ratio Lower Upper
107 100
144 24.9 20.4 30.6
142 76.5 62.2 93.2

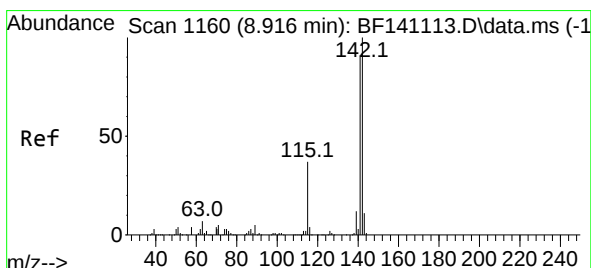
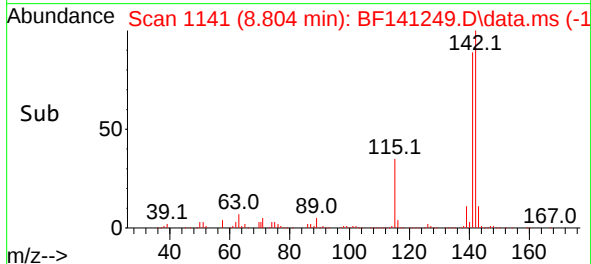
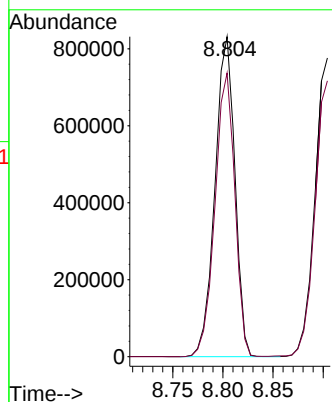
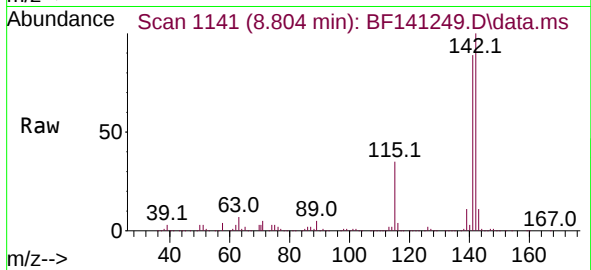




#37
2-Methylnaphthalene
Concen: 52.399 ng
RT: 8.804 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

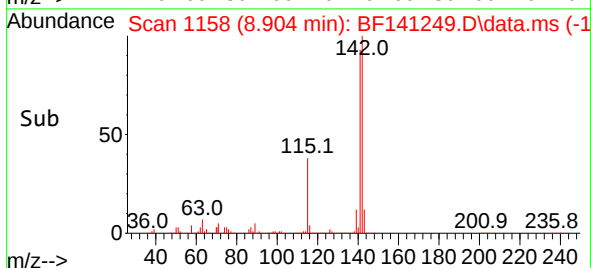
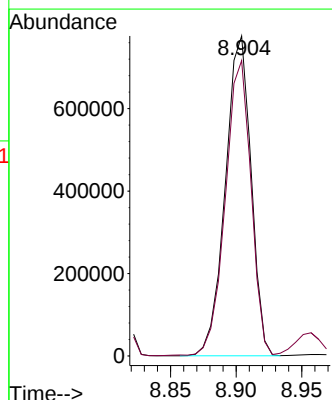
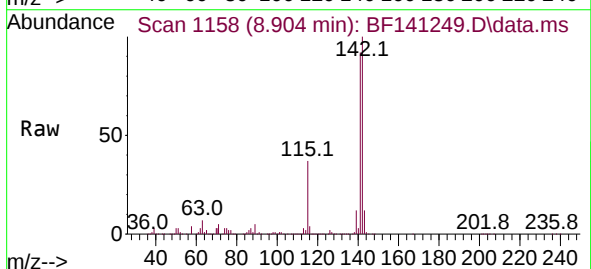
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

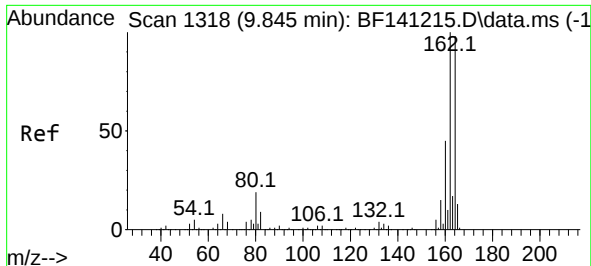
Tgt Ion:142 Resp: 1143510
Ion Ratio Lower Upper
142 100
141 88.7 71.3 106.9



#38
1-Methylnaphthalene
Concen: 49.186 ng
RT: 8.904 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:142 Resp: 1057861
Ion Ratio Lower Upper
142 100
141 92.3 73.1 109.7

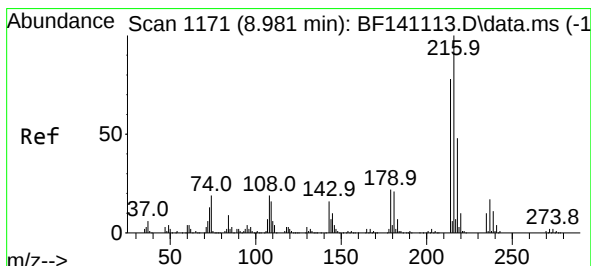
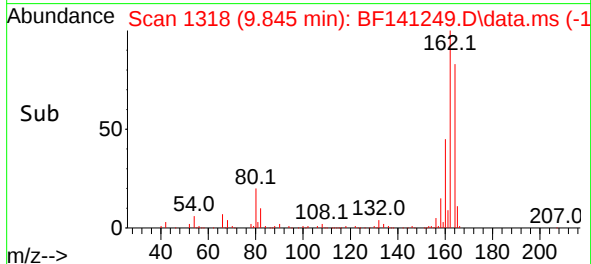
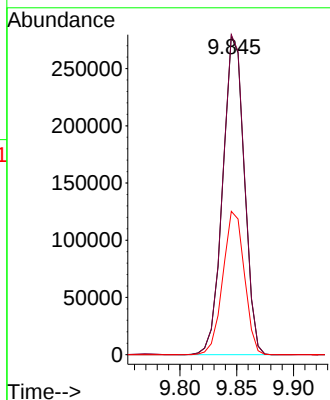
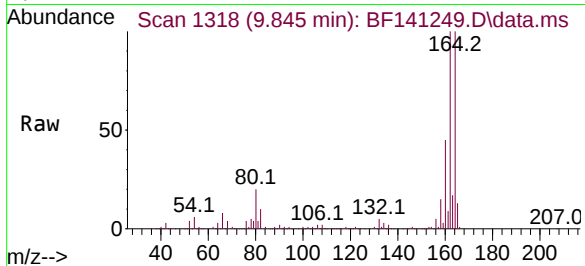




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. -0.018 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

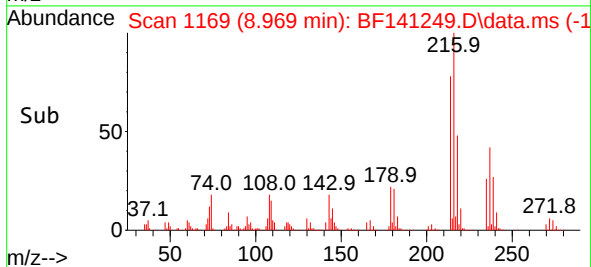
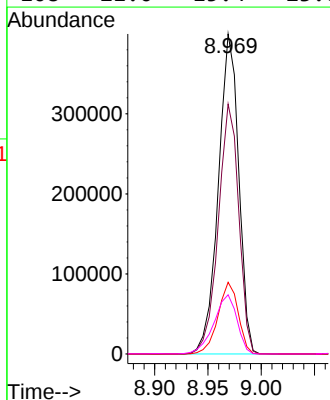
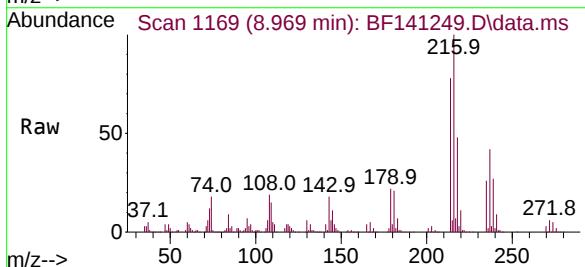
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

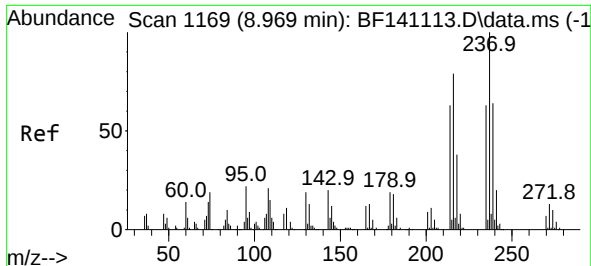
Tgt Ion:164 Resp: 367149
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 44.9 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.369 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

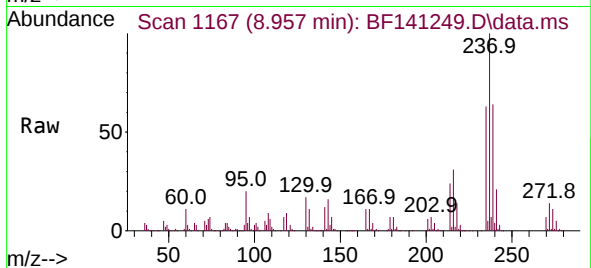
Tgt Ion:216 Resp: 530785
Ion Ratio Lower Upper
216 100
214 78.1 62.6 94.0
179 22.3 17.7 26.5
108 21.0 15.4 23.0



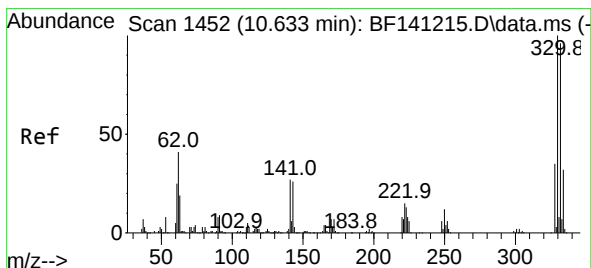
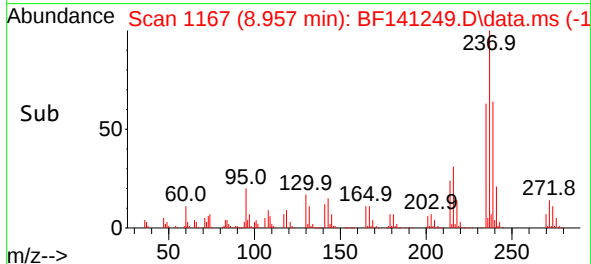
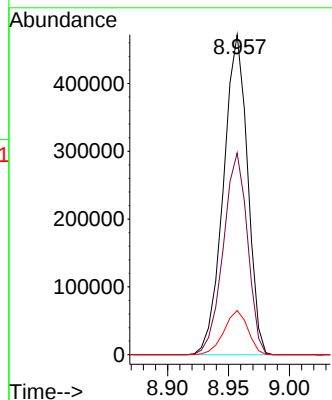


#41
Hexachlorocyclopentadiene
Concen: 188.663 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Instrument :
BNA_F
ClientSampleId :
PB166188BSD

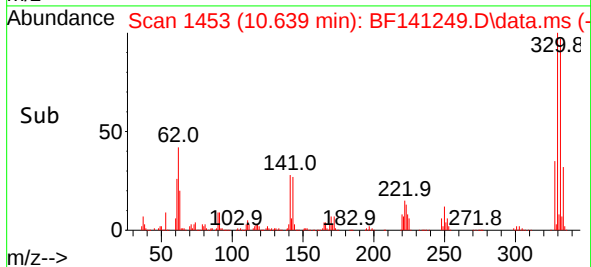
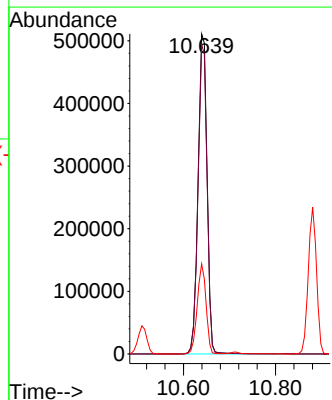
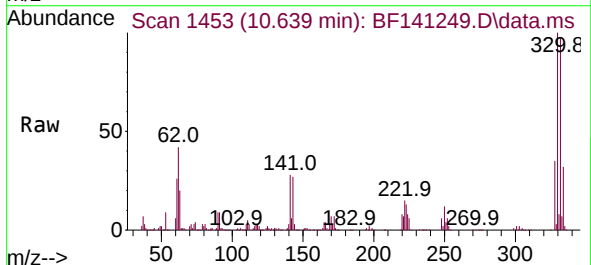


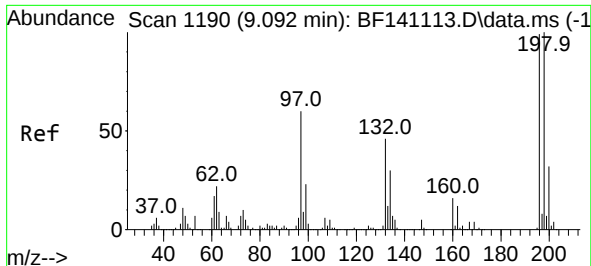
Tgt Ion:237 Resp: 650443
Ion Ratio Lower Upper
237 100
235 63.1 43.0 83.0
272 13.8 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 165.701 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:330 Resp: 693198
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 27.5 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 54.540 ng

RT: 9.081 min Scan# 1188

Delta R.T. -0.012 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB166188BSD

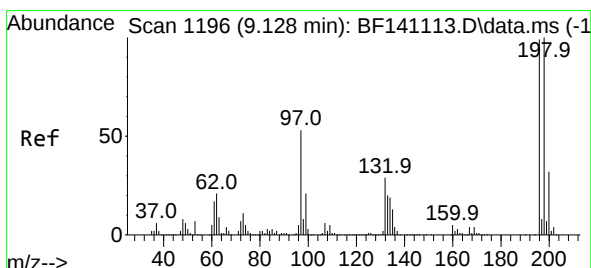
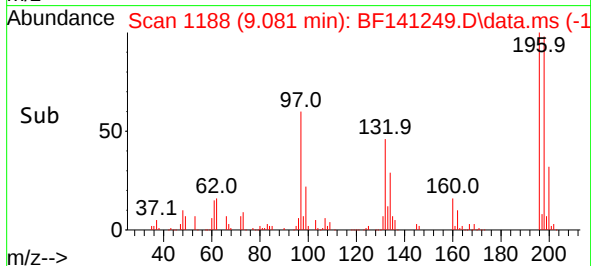
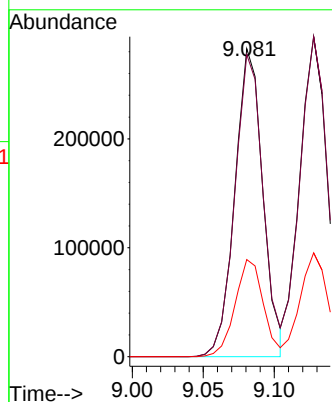
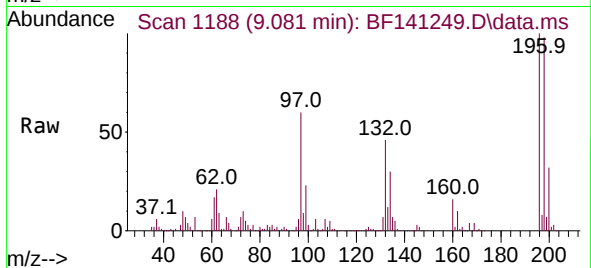
Tgt Ion:196 Resp: 387626

Ion Ratio Lower Upper

196 100

198 98.1 80.8 121.2

200 31.5 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 52.702 ng

RT: 9.128 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

Tgt Ion:196 Resp: 395585

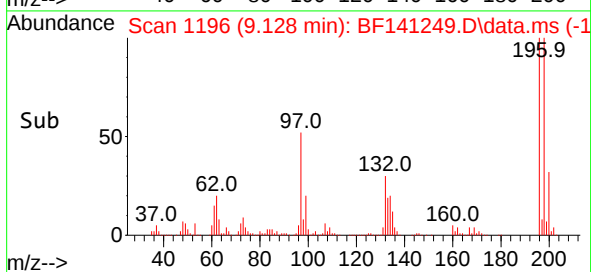
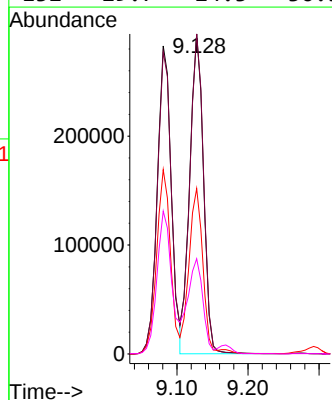
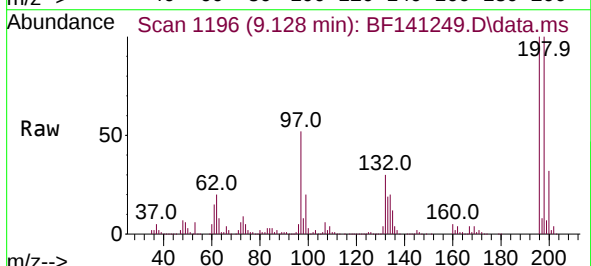
Ion Ratio Lower Upper

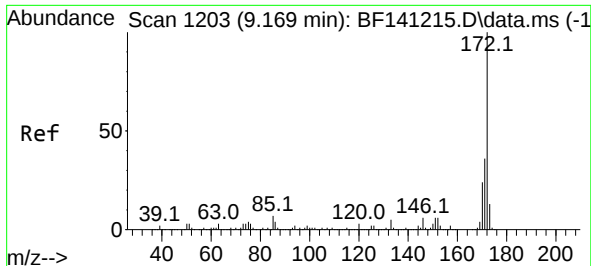
196 100

198 100.0 80.6 120.8

97 51.7 43.1 64.7

132 29.7 24.3 36.5

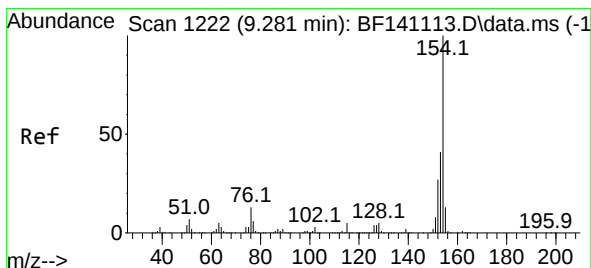
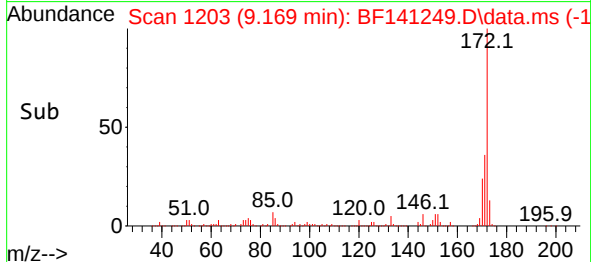
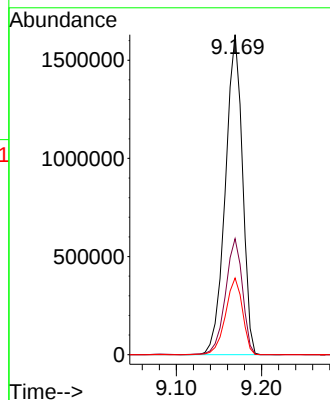
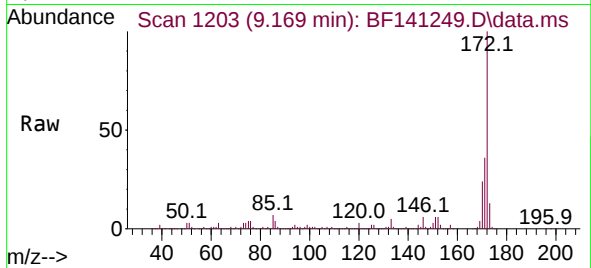




#45
2-Fluorobiphenyl
Concen: 94.483 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

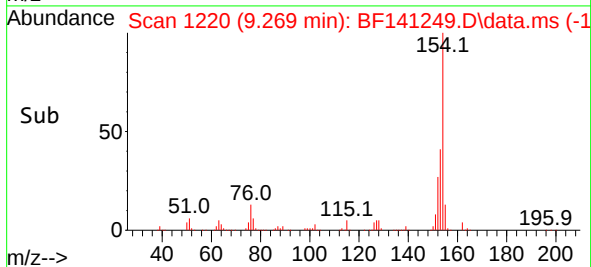
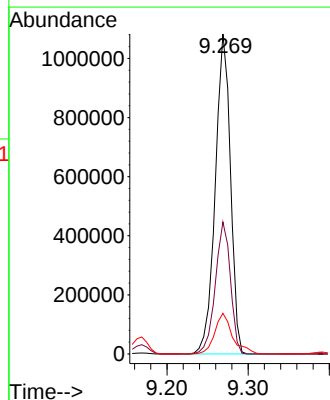
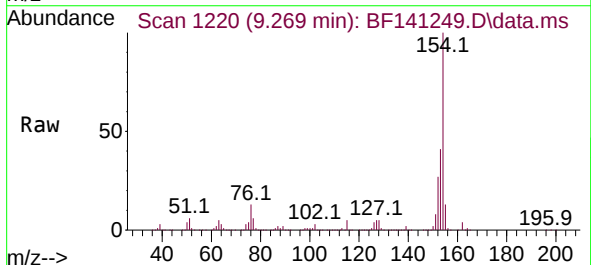
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

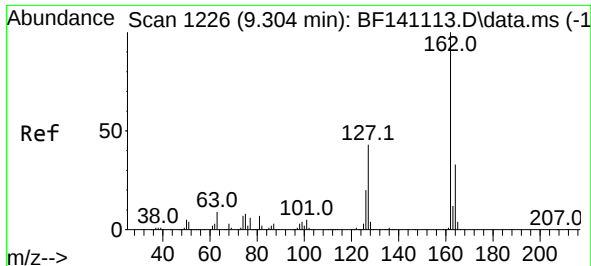
Tgt Ion:172 Resp: 2271661
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 23.9 19.0 28.6



#46
1,1'-Biphenyl
Concen: 49.286 ng
RT: 9.269 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:154 Resp: 1405274
Ion Ratio Lower Upper
154 100
153 41.2 20.7 60.7
76 12.7 0.0 33.1

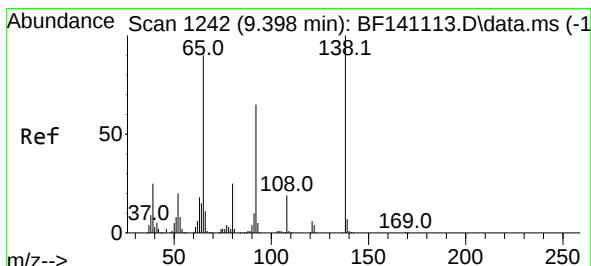
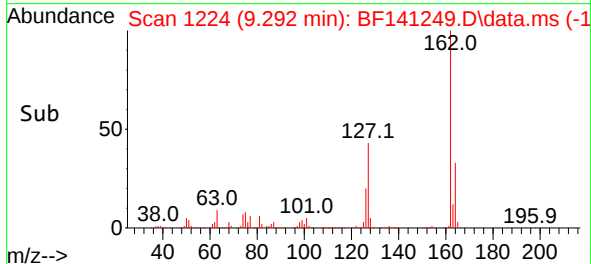
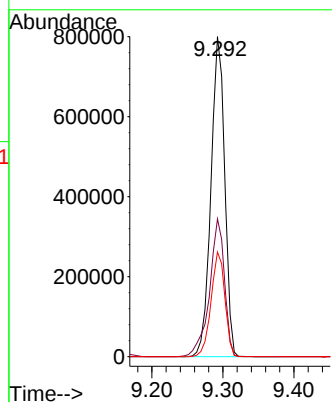
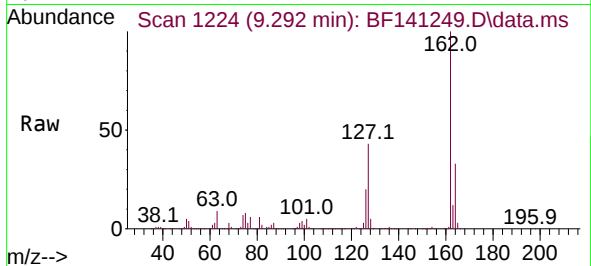




#47
2-Chloronaphthalene
Concen: 48.647 ng
RT: 9.292 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

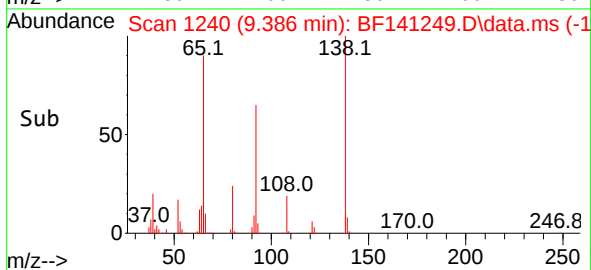
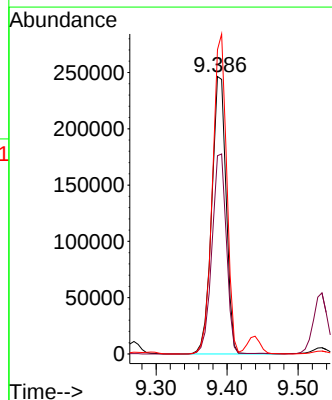
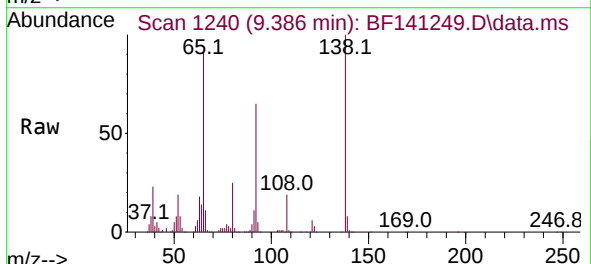
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

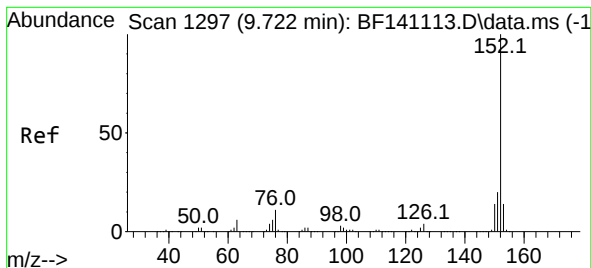
Tgt Ion:162 Resp: 1080350
Ion Ratio Lower Upper
162 100
127 43.0 34.6 51.8
164 32.7 26.5 39.7



#48
2-Nitroaniline
Concen: 52.755 ng
RT: 9.386 min Scan# 1240
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion: 65 Resp: 347294
Ion Ratio Lower Upper
65 100
92 71.5 58.3 87.5
138 109.7 89.1 133.7





#49

Acenaphthylene

Concen: 53.072 ng

RT: 9.710 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB166188BSD

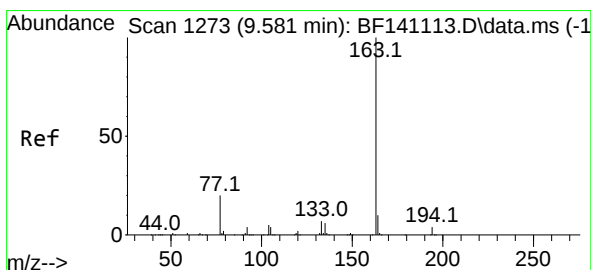
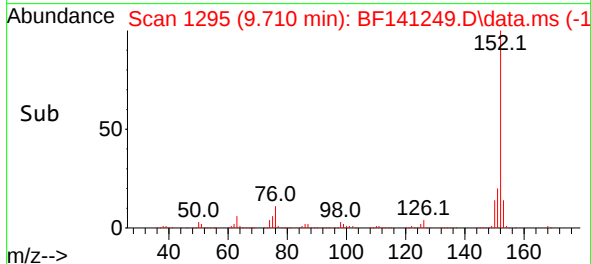
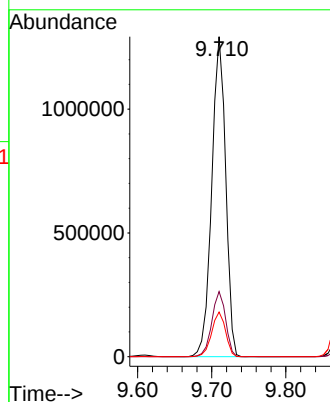
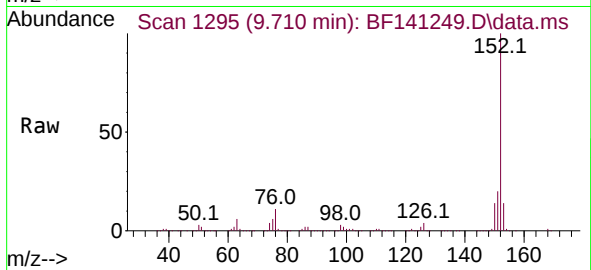
Tgt Ion:152 Resp: 1683898

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

153 13.9 11.1 16.7



#50

Dimethylphthalate

Concen: 53.602 ng

RT: 9.575 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

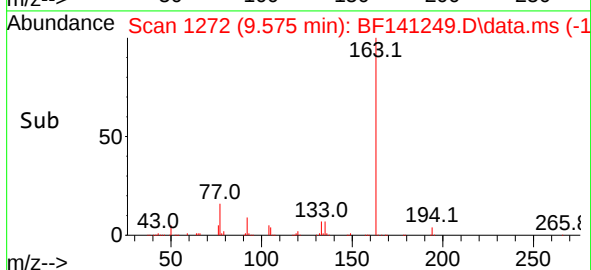
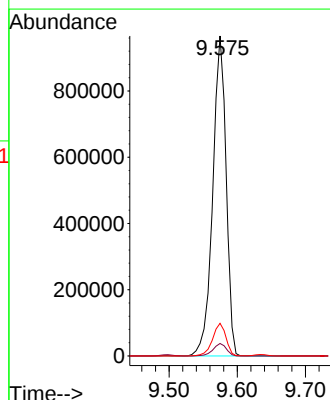
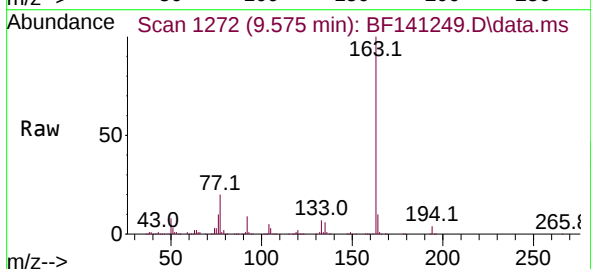
Tgt Ion:163 Resp: 1321187

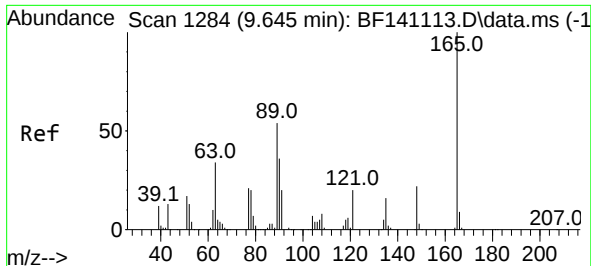
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.2 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 52.523 ng

RT: 9.633 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB166188BSD

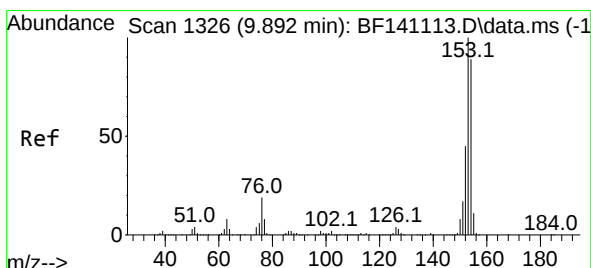
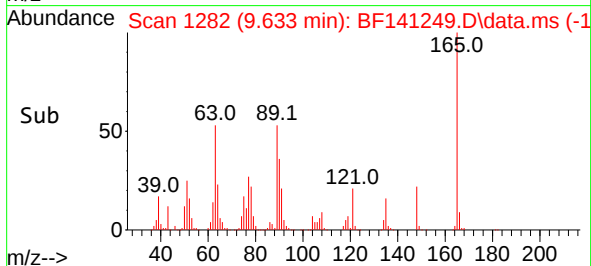
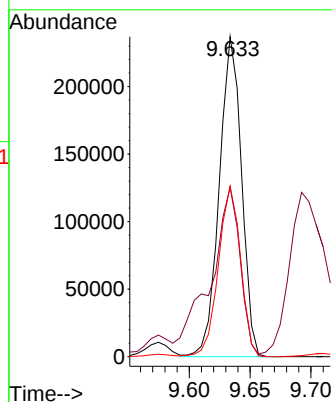
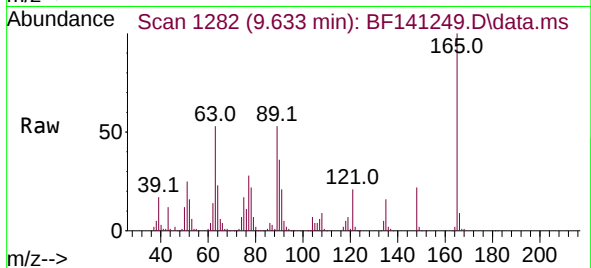
Tgt Ion:165 Resp: 301055

Ion Ratio Lower Upper

165 100

63 53.0 42.3 63.5

89 53.3 43.1 64.7



#52

Acenaphthene

Concen: 57.367 ng

RT: 9.881 min Scan# 1324

Delta R.T. -0.012 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

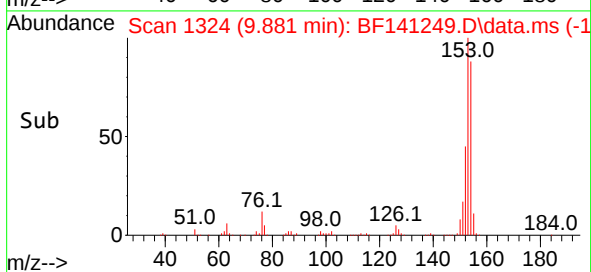
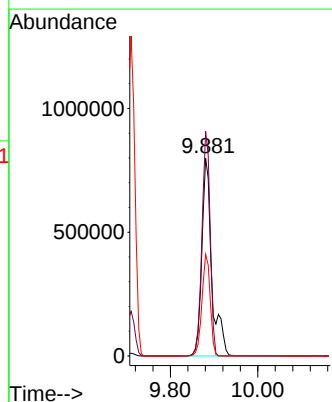
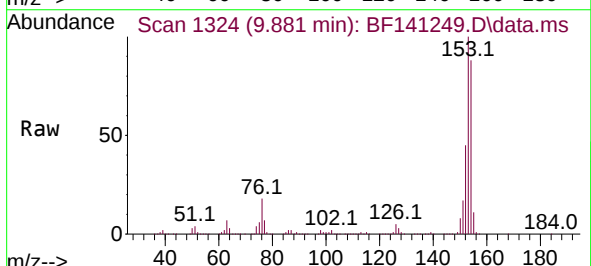
Tgt Ion:154 Resp: 1271671

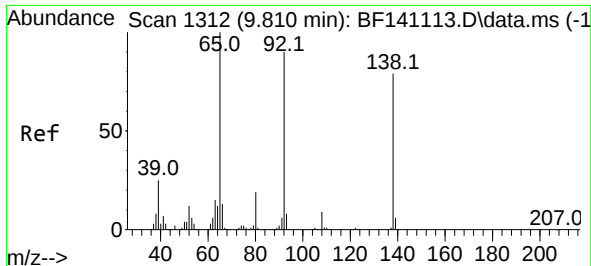
Ion Ratio Lower Upper

154 100

153 113.6 89.8 134.6

152 51.4 40.8 61.2

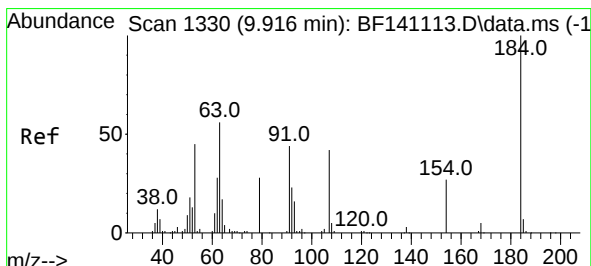
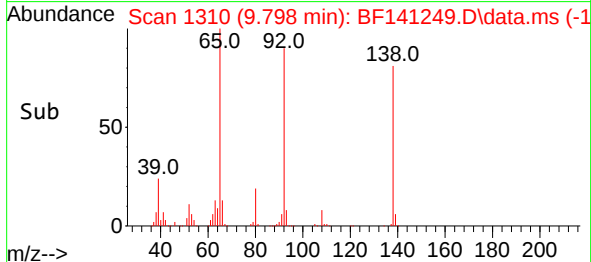
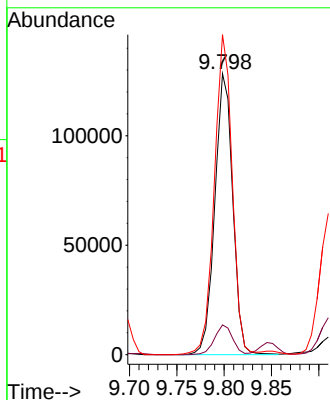
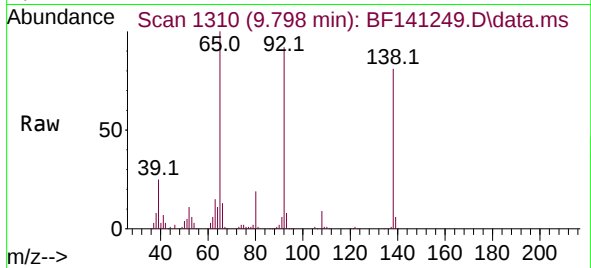




#53
3-Nitroaniline
Concen: 29.086 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

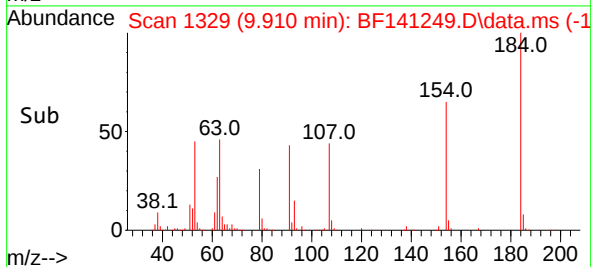
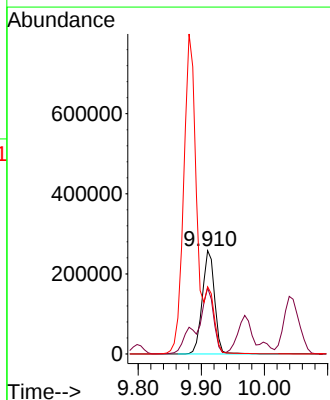
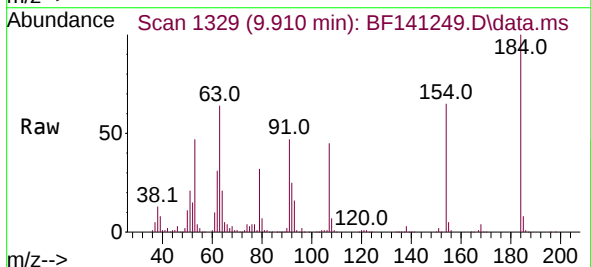
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

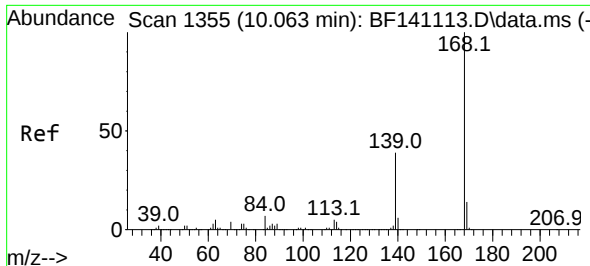
Tgt Ion:138 Resp: 169419
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 113.9 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 128.388 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:184 Resp: 349786
Ion Ratio Lower Upper
184 100
63 63.9 48.7 73.1
154 65.0 57.1 85.7

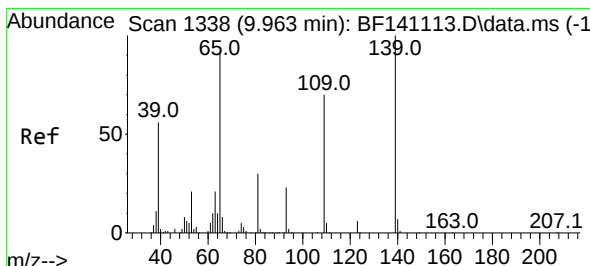
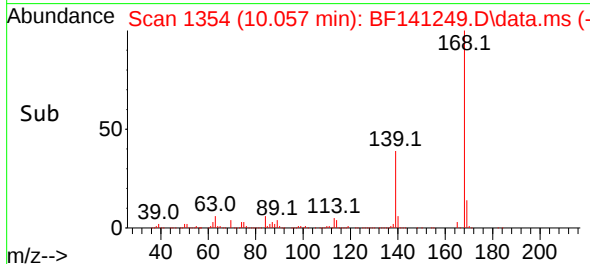
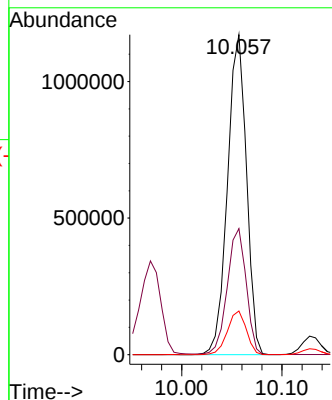
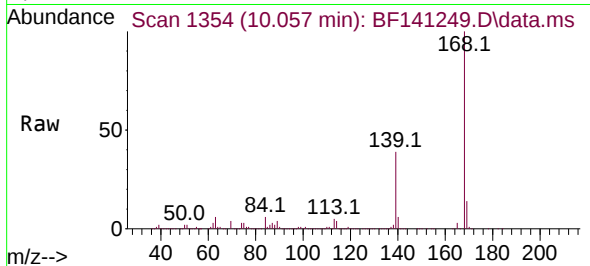




#55
Dibenzofuran
Concen: 50.859 ng
RT: 10.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

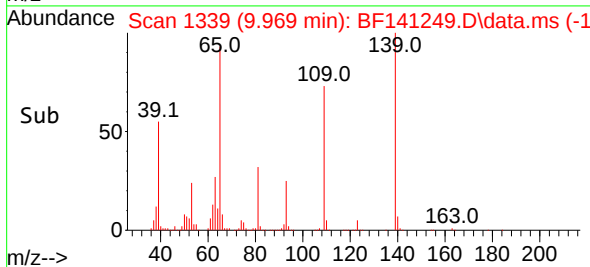
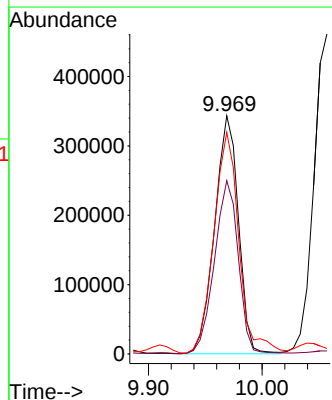
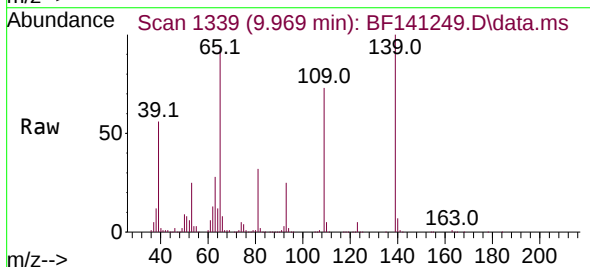
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

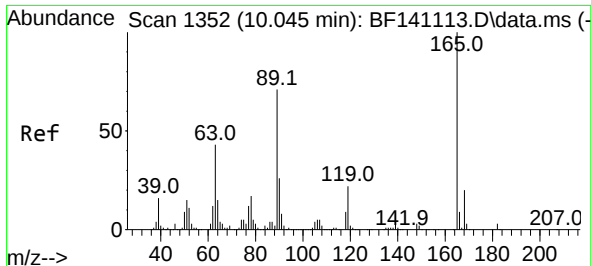
Tgt Ion:168 Resp: 1533471
Ion Ratio Lower Upper
168 100
139 39.4 31.4 47.0
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 109.492 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:139 Resp: 499475
Ion Ratio Lower Upper
139 100
109 72.7 50.2 90.2
65 93.0 72.1 112.1

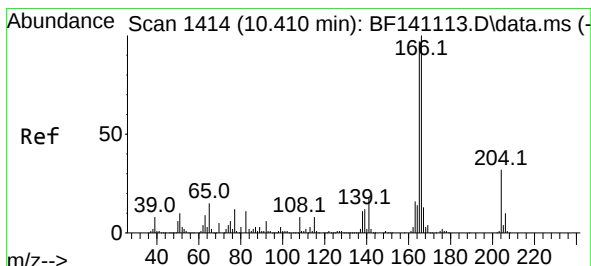
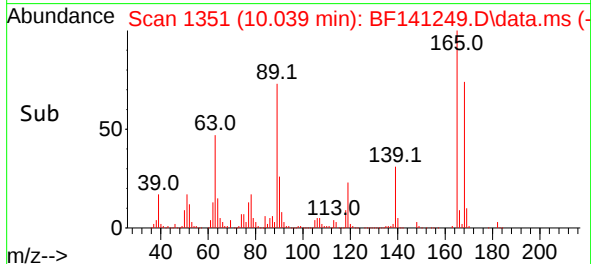
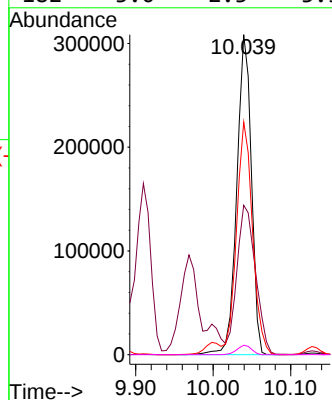
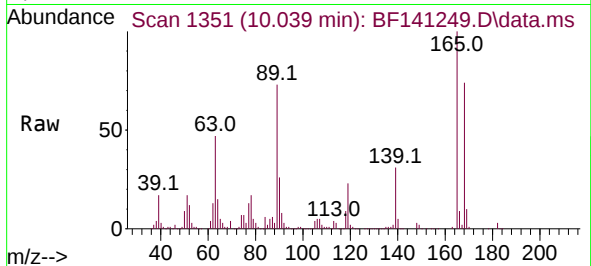




#57
2,4-Dinitrotoluene
Concen: 54.678 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

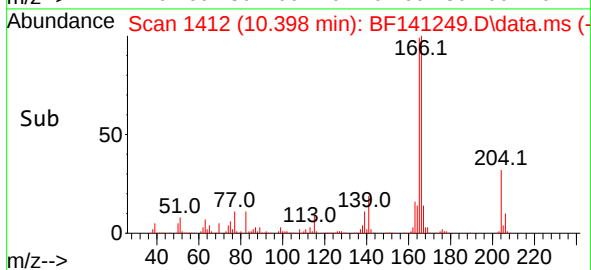
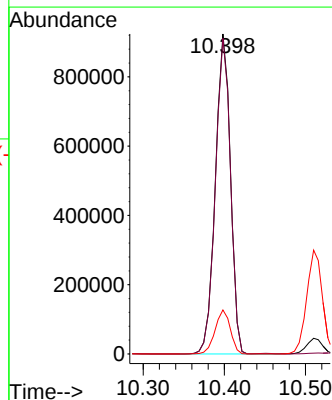
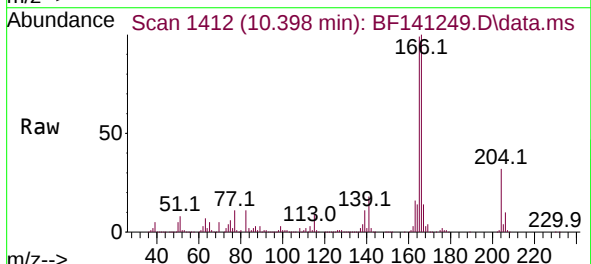
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

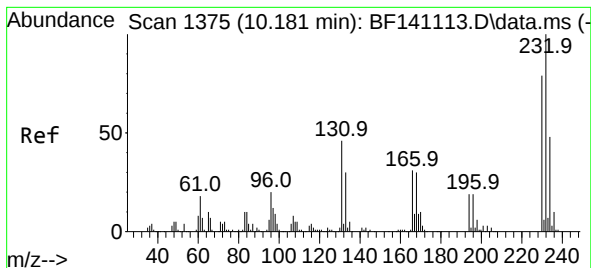
Tgt Ion:165 Resp: 403894
Ion Ratio Lower Upper
165 100
63 46.7 35.0 52.4
89 72.7 56.7 85.1
182 3.0 2.3 3.5



#58
Fluorene
Concen: 50.984 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:166 Resp: 1194296
Ion Ratio Lower Upper
166 100
165 98.6 77.8 116.8
167 13.8 10.8 16.2

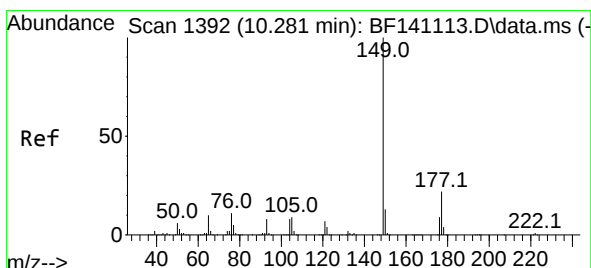
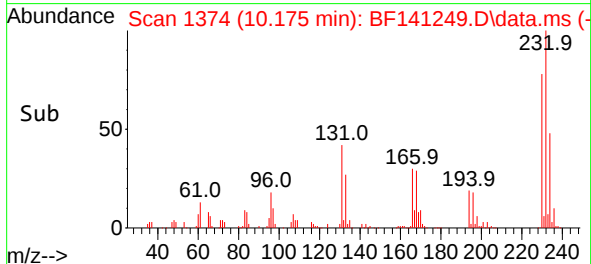
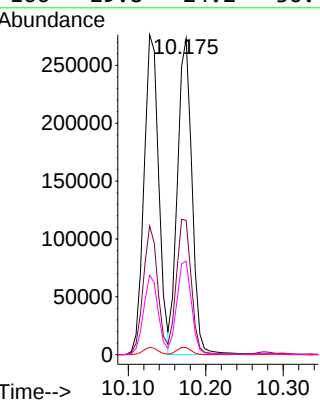
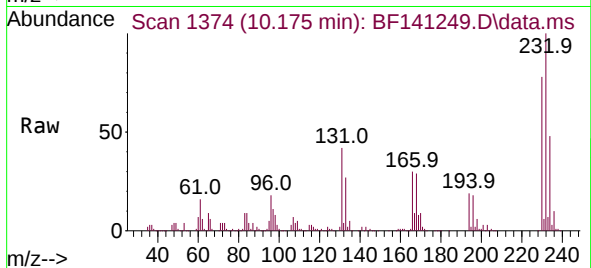




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.594 ng
RT: 10.175 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

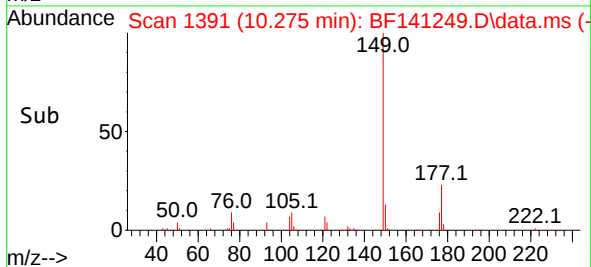
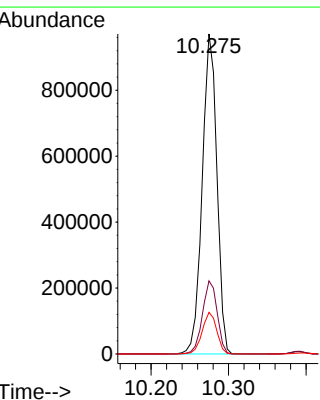
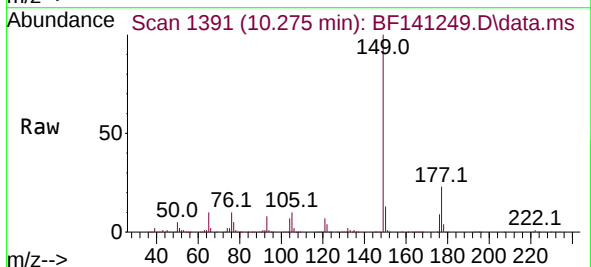
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

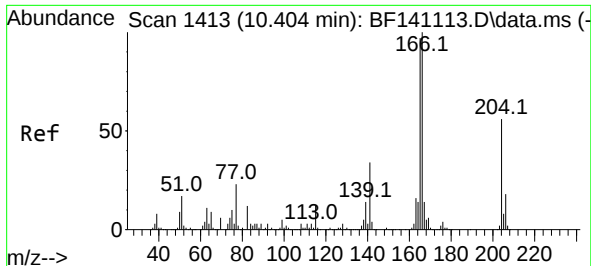
Tgt Ion:232 Resp: 353098
Ion Ratio Lower Upper
232 100
131 44.2 36.2 54.4
130 2.3 2.0 3.0
166 29.8 24.2 36.4



#60
Diethylphthalate
Concen: 52.970 ng
RT: 10.275 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:149 Resp: 1274610
Ion Ratio Lower Upper
149 100
177 22.9 17.9 26.9
150 13.0 10.2 15.2

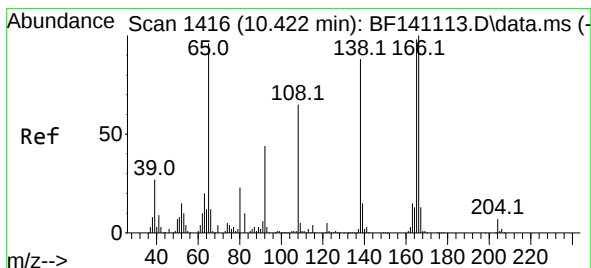
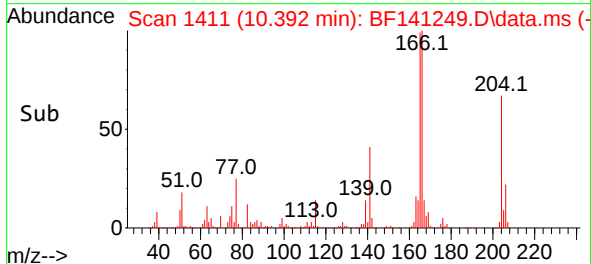
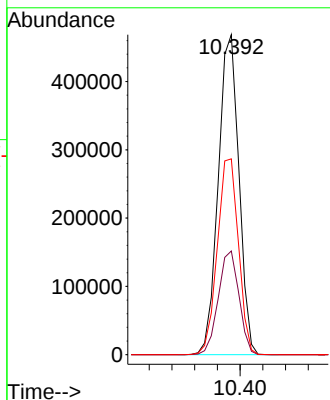
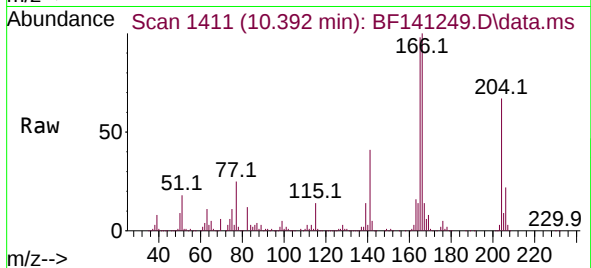




#61
4-Chlorophenyl-phenylether
Concen: 51.778 ng
RT: 10.392 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

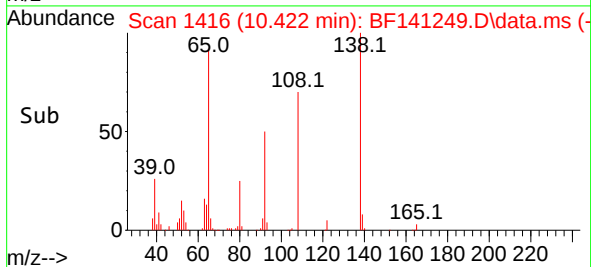
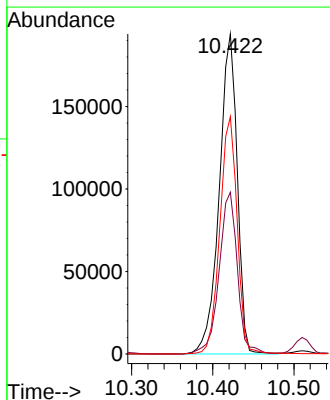
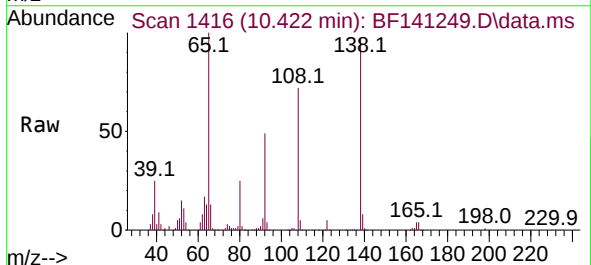
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

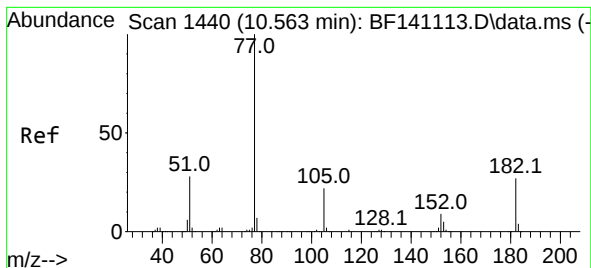
Tgt Ion:204 Resp: 591152
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 61.2 49.1 73.7



#62
4-Nitroaniline
Concen: 52.516 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:138 Resp: 299391
Ion Ratio Lower Upper
138 100
92 50.6 29.4 69.4
108 74.2 53.7 93.7





#63

Azobenzene

Concen: 51.031 ng

RT: 10.551 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB166188BSD

Tgt Ion: 77 Resp: 1211655

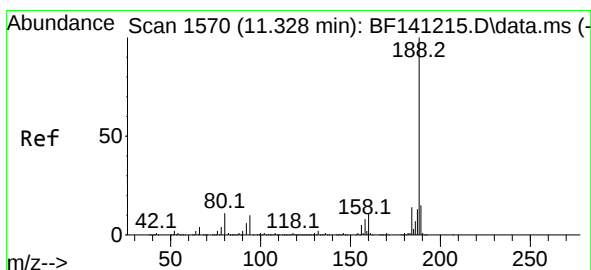
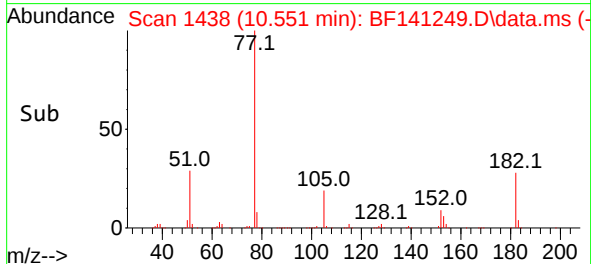
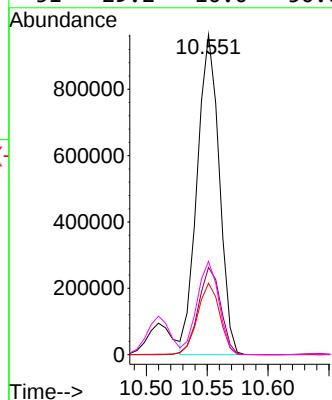
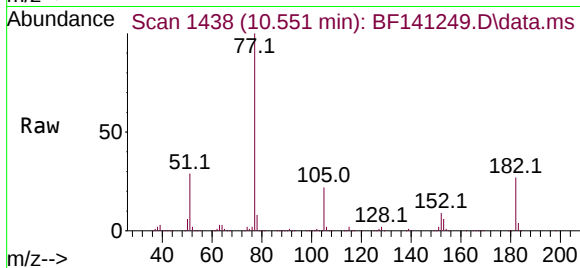
Ion Ratio Lower Upper

77 100

182 27.2 6.1 46.1

105 22.4 2.1 42.1

51 29.2 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1571

Delta R.T. -0.012 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

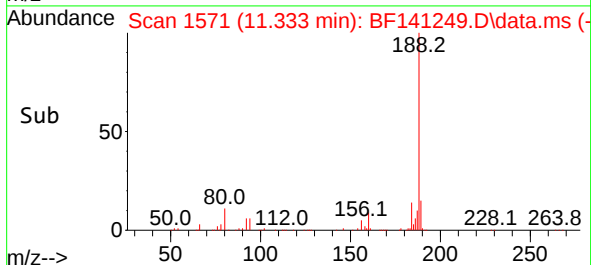
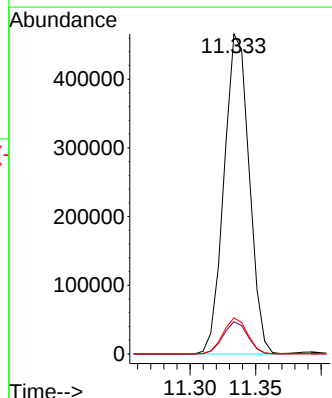
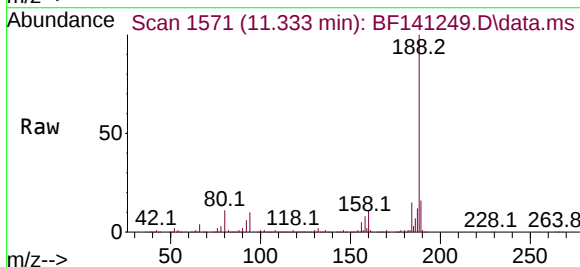
Tgt Ion:188 Resp: 620688

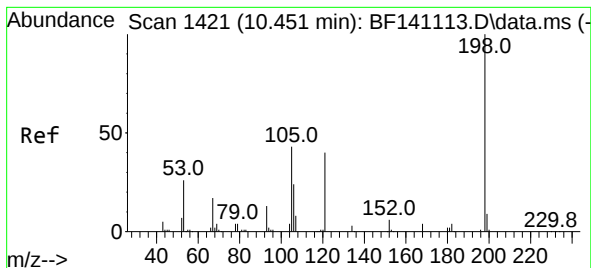
Ion Ratio Lower Upper

188 100

94 10.1 8.3 12.5

80 11.3 9.0 13.4

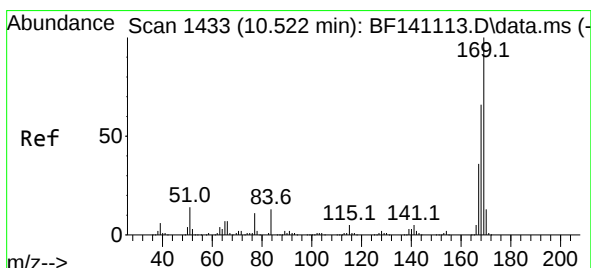
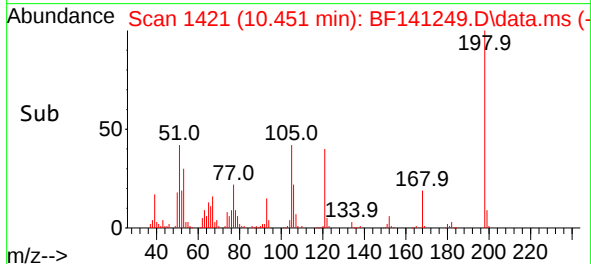
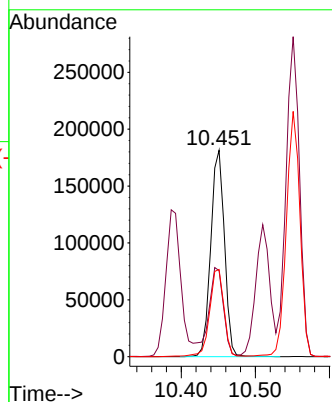
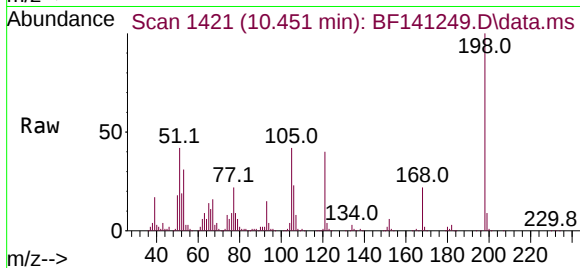




#65
4,6-Dinitro-2-methylphenol
Concen: 64.868 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

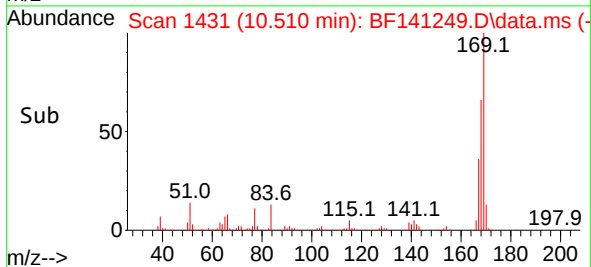
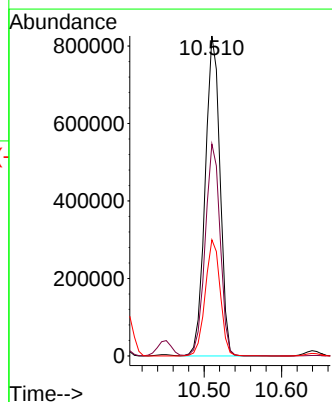
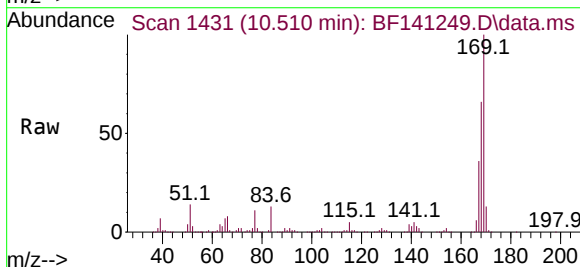
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

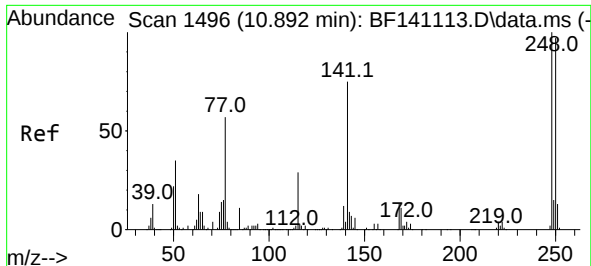
Tgt Ion:198 Resp: 233313
Ion Ratio Lower Upper
198 100
51 41.7 27.1 67.1
105 42.2 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 54.663 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:169 Resp: 1094357
Ion Ratio Lower Upper
169 100
168 66.2 52.5 78.7
167 36.3 28.9 43.3

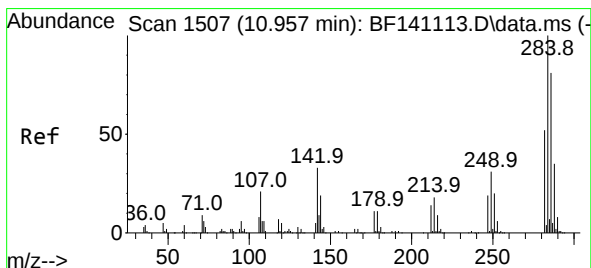
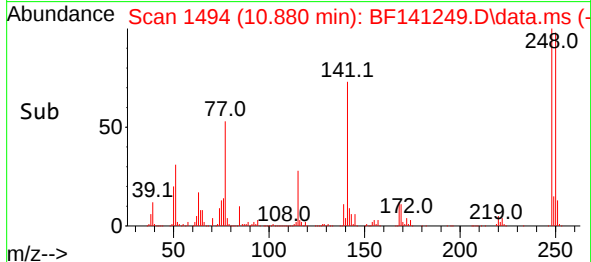
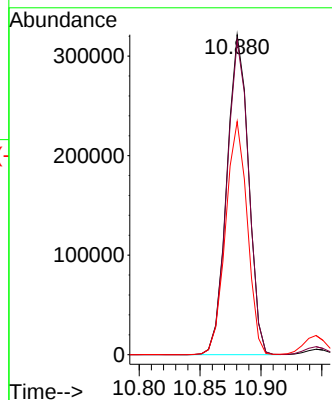
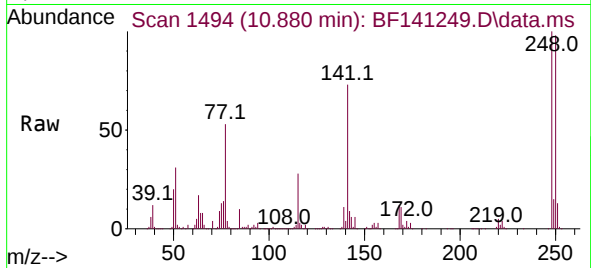




#67
4-Bromophenyl-phenylether
Concen: 55.919 ng
RT: 10.880 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

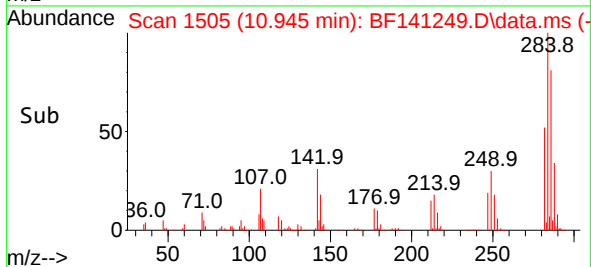
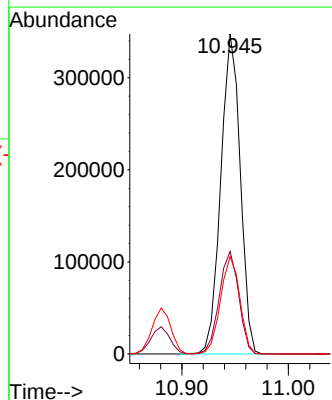
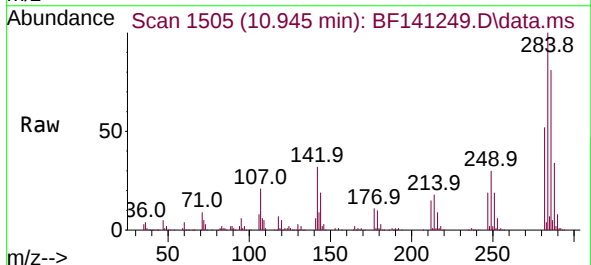
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

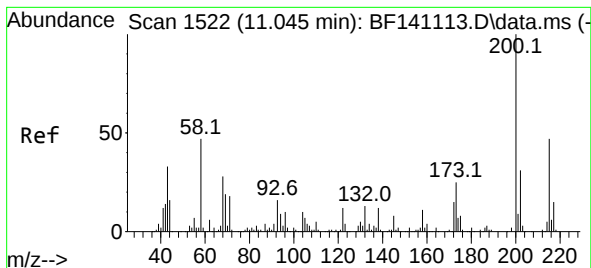
Tgt Ion:248 Resp: 399600
Ion Ratio Lower Upper
248 100
250 98.2 77.9 116.9
141 72.9 59.9 89.9



#68
Hexachlorobenzene
Concen: 55.261 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:284 Resp: 439591
Ion Ratio Lower Upper
284 100
142 32.1 26.3 39.5
249 30.5 24.9 37.3





#69

Atrazine

Concen: 70.628 ng

RT: 11.039 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB166188BSD

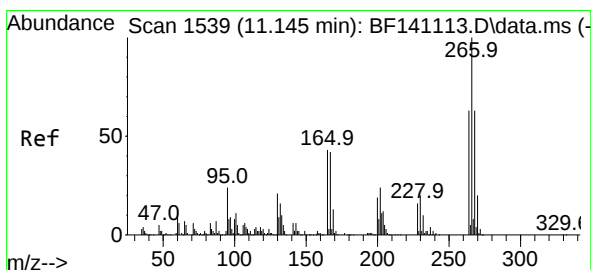
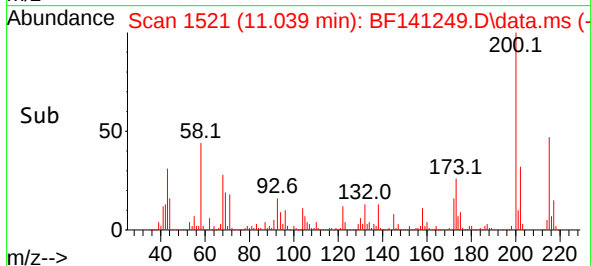
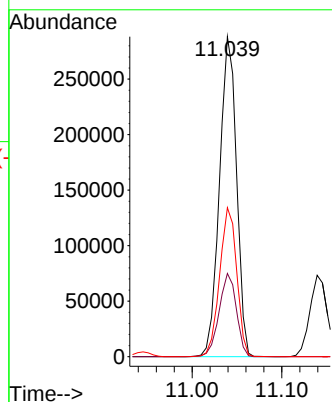
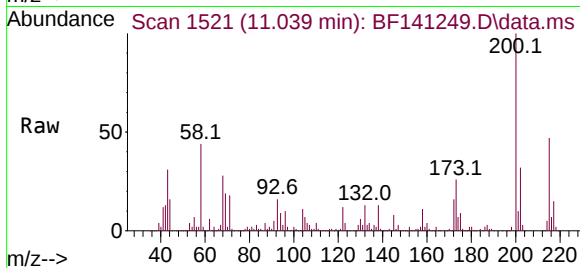
Tgt Ion:200 Resp: 380721

Ion Ratio Lower Upper

200 100

173 26.0 5.4 45.4

215 46.5 26.6 66.6



#70

Pentachlorophenol

Concen: 108.010 ng

RT: 11.139 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

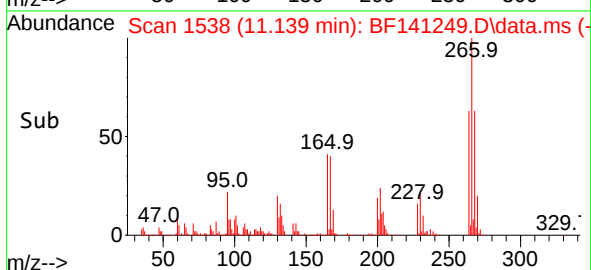
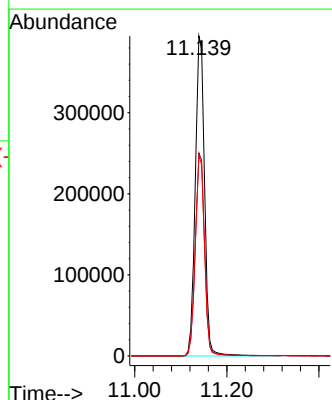
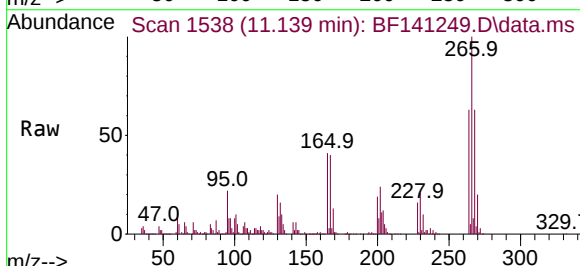
Tgt Ion:266 Resp: 550233

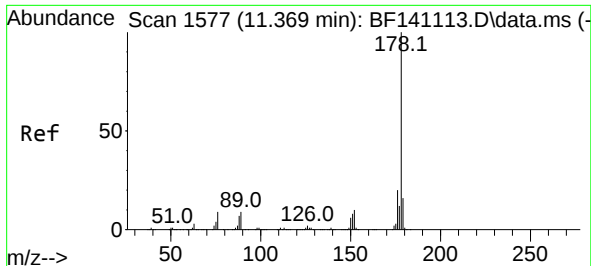
Ion Ratio Lower Upper

266 100

268 63.4 50.4 75.6

264 62.7 50.2 75.2

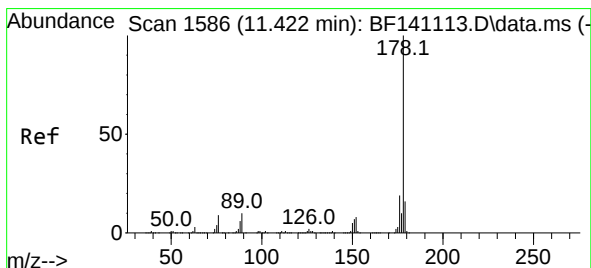
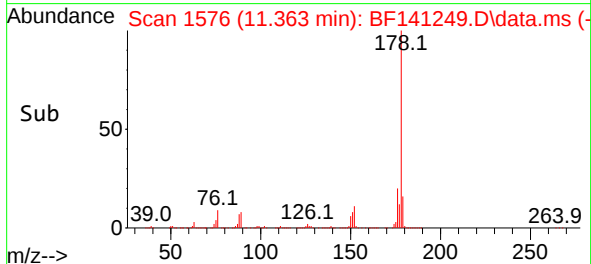
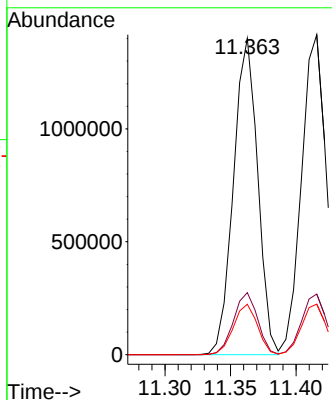
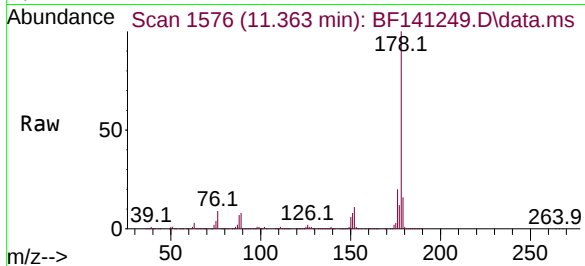




#71
Phenanthrene
Concen: 54.073 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

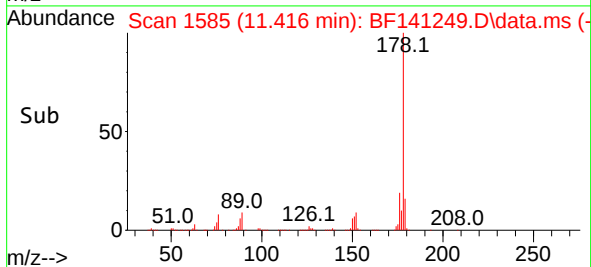
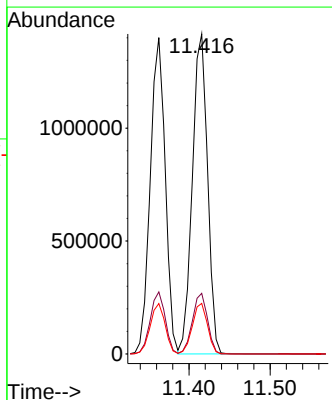
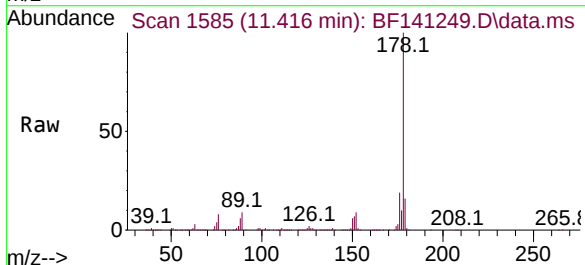
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

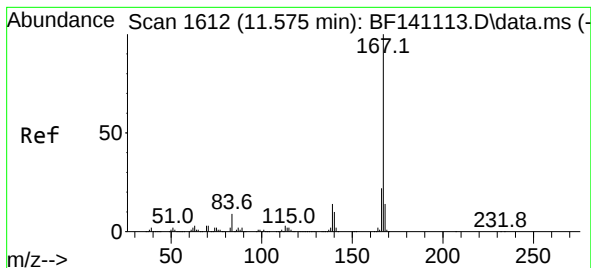
Tgt Ion:178 Resp: 1801859
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 16.0 12.6 19.0



#72
Anthracene
Concen: 56.985 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:178 Resp: 1846389
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.8 12.6 19.0





#73

Carbazole

Concen: 53.899 ng

RT: 11.569 min Scan# 1611

Delta R.T. -0.006 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB166188BSD

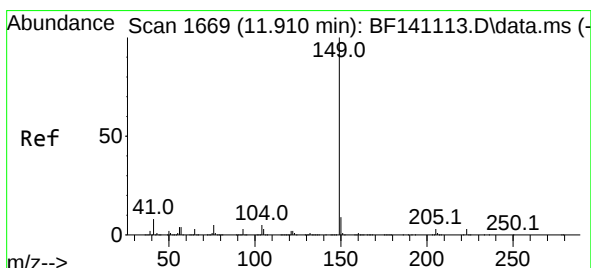
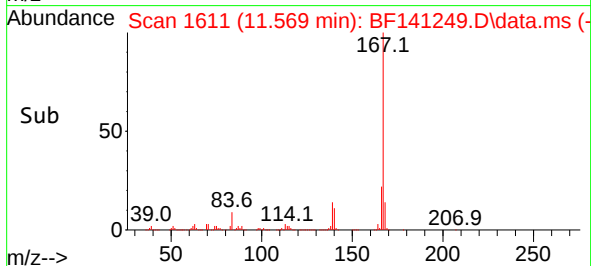
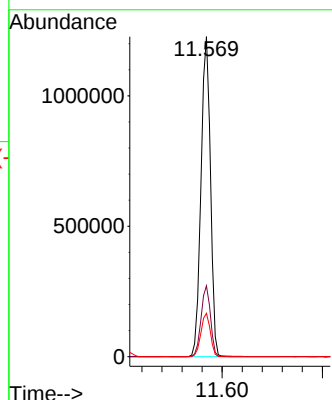
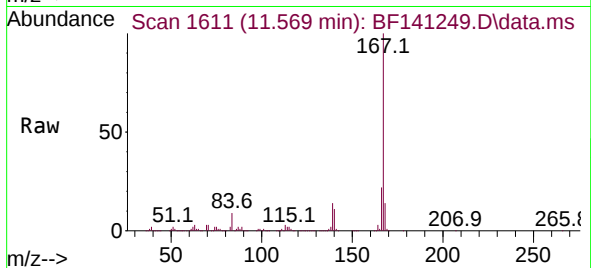
Tgt Ion:167 Resp: 1601337

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.2

139 13.6 10.9 16.3



#74

Di-n-butylphthalate

Concen: 57.088 ng

RT: 11.898 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

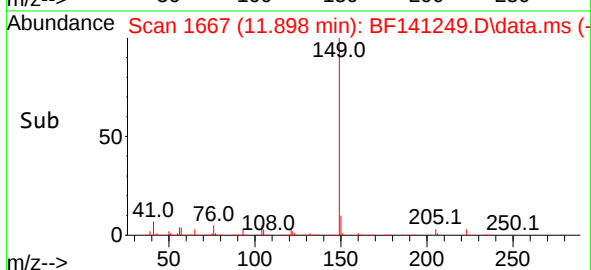
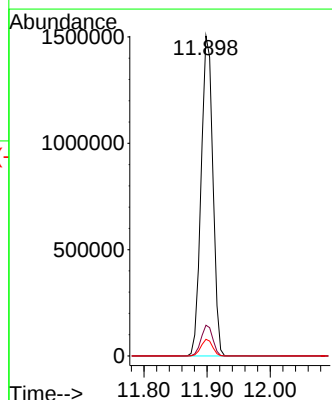
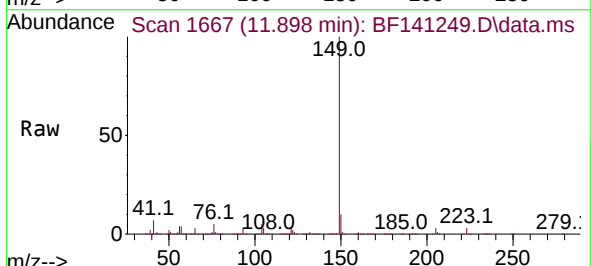
Tgt Ion:149 Resp: 1941023

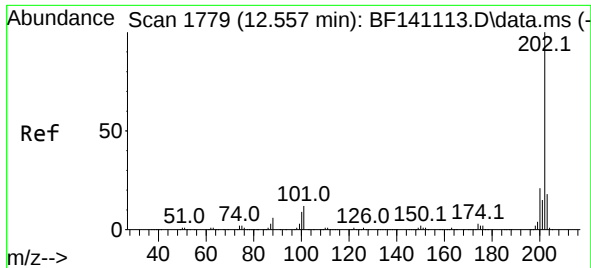
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

104 5.2 4.2 6.2

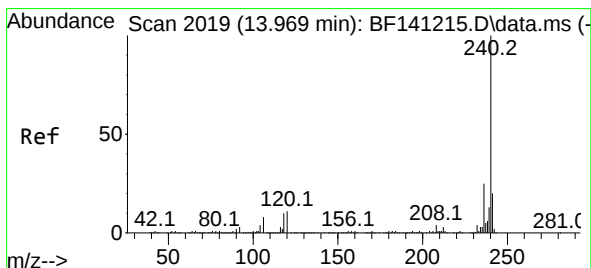
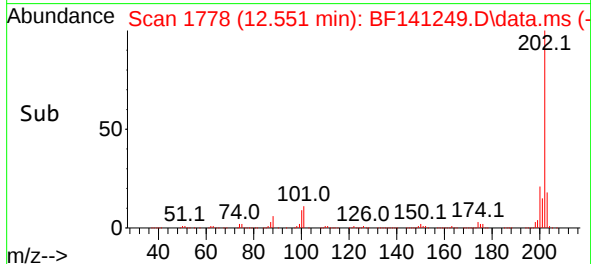
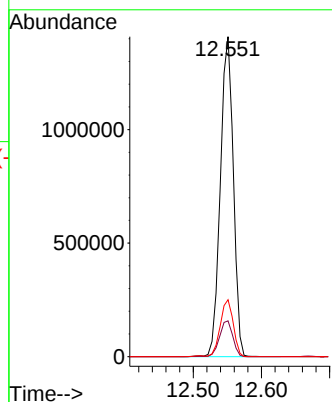
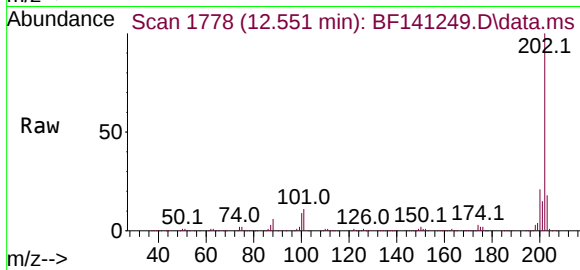




#75
Fluoranthene
Concen: 56.210 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

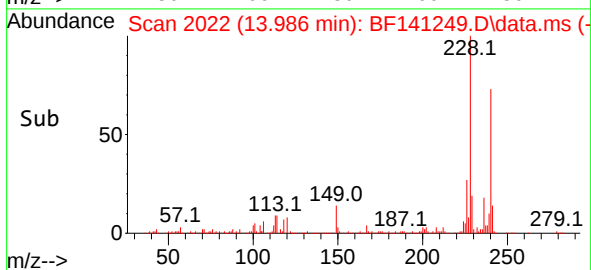
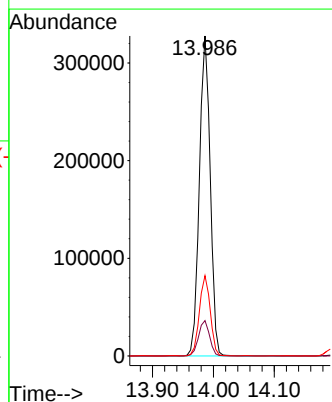
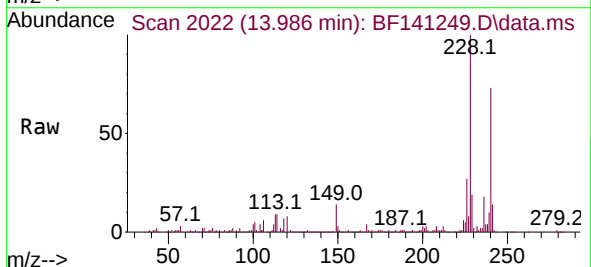
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

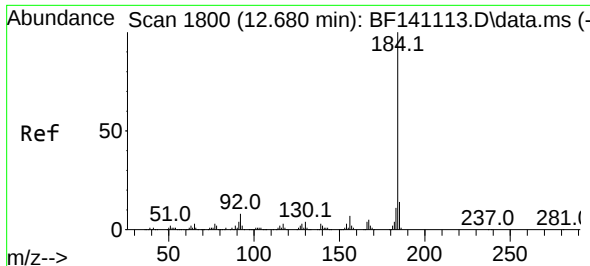
Tgt Ion:202 Resp: 1869139
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.3
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:240 Resp: 404203
Ion Ratio Lower Upper
240 100
120 11.0 9.1 13.7
236 25.1 19.8 29.6

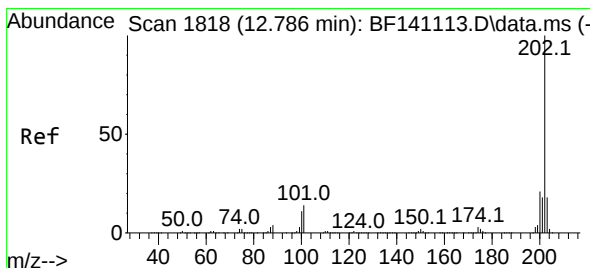
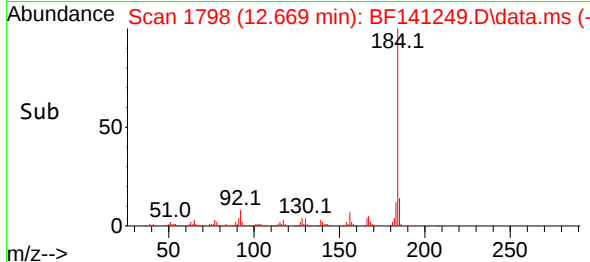
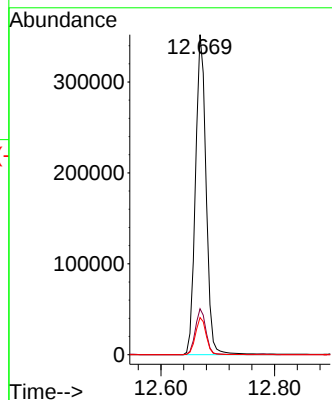
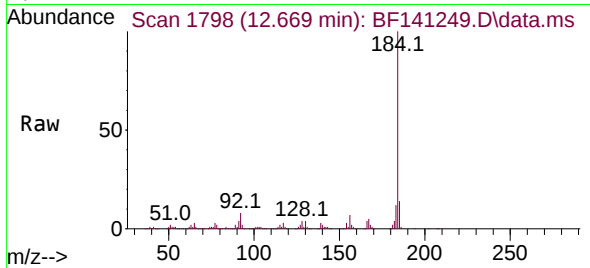




#77
Benzidine
Concen: 61.401 ng
RT: 12.669 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

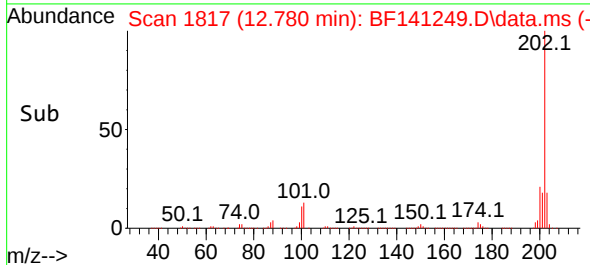
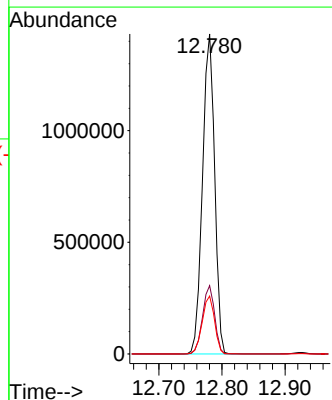
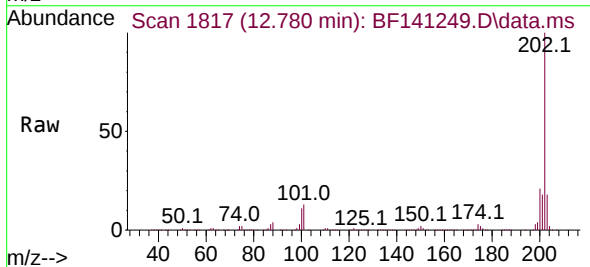
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

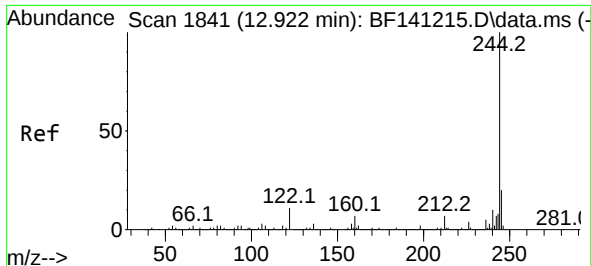
Tgt Ion:184 Resp: 460242
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 11.6 9.2 13.8



#78
Pyrene
Concen: 49.424 ng
RT: 12.780 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:202 Resp: 1908113
Ion Ratio Lower Upper
202 100
200 21.4 16.8 25.2
203 18.1 14.3 21.5

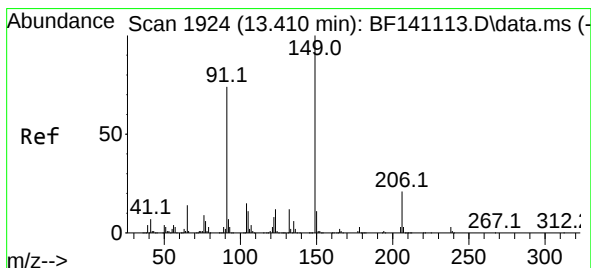
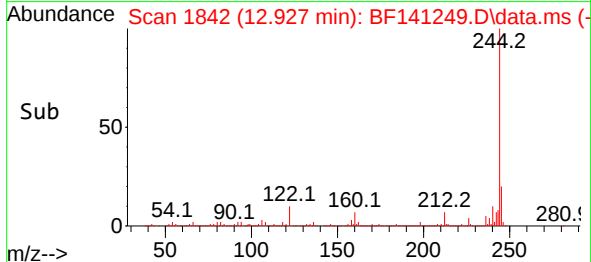
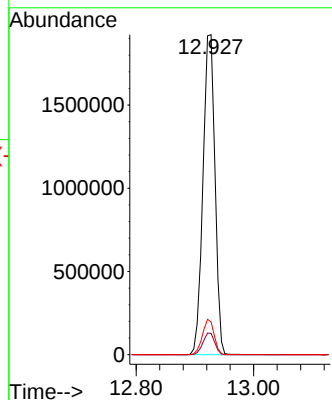
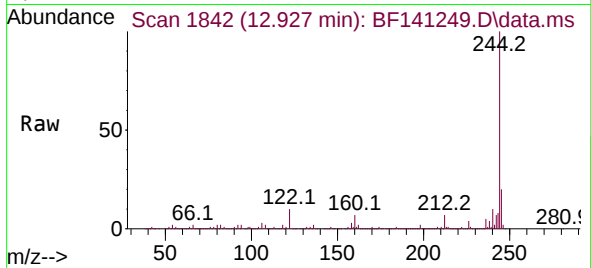




#79
 Terphenyl-d14
 Concen: 100.258 ng
 RT: 12.927 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF141249.D
 Acq: 23 Jan 2025 14:51

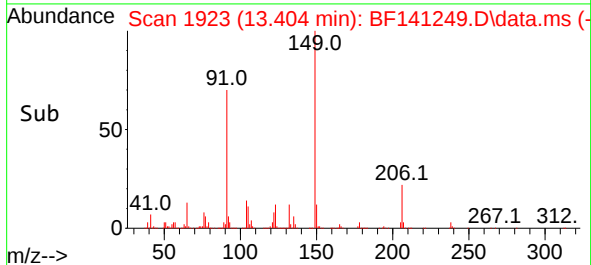
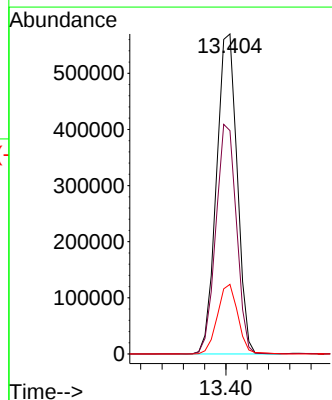
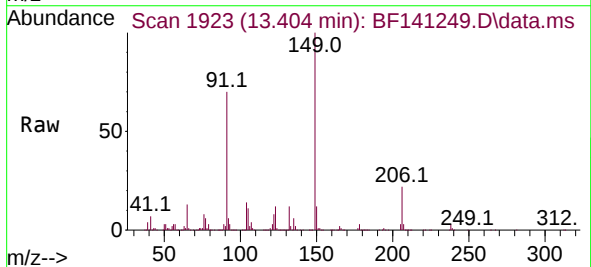
Instrument :
 BNA_F
 ClientSampleId :
 PB166188BSD

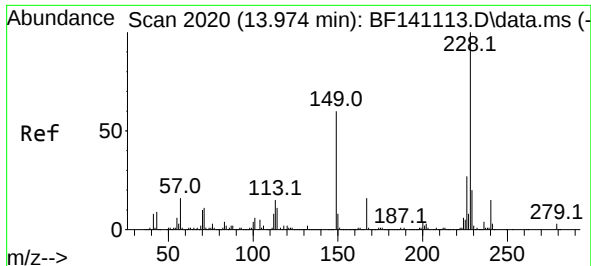
Tgt Ion:244 Resp: 2726521
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.2 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 59.589 ng
 RT: 13.404 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF141249.D
 Acq: 23 Jan 2025 14:51

Tgt Ion:149 Resp: 767015
 Ion Ratio Lower Upper
 149 100
 91 69.8 59.0 88.6
 206 21.8 16.5 24.7

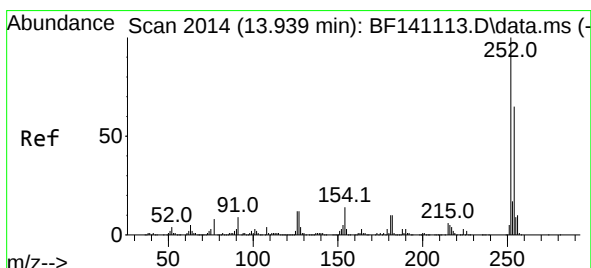
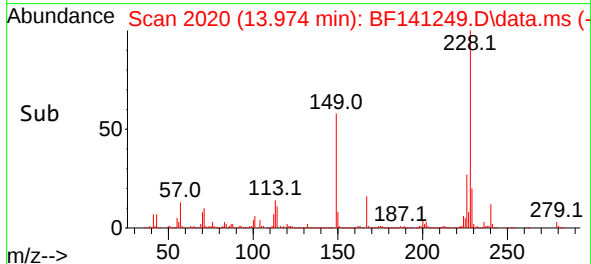
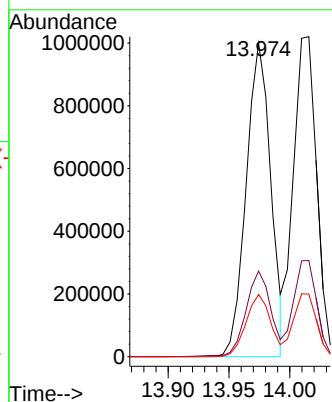
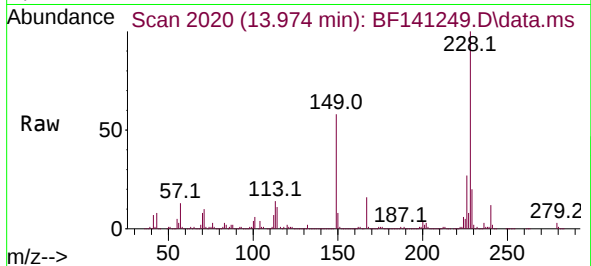




#81
Benzo(a)anthracene
Concen: 51.122 ng
RT: 13.974 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

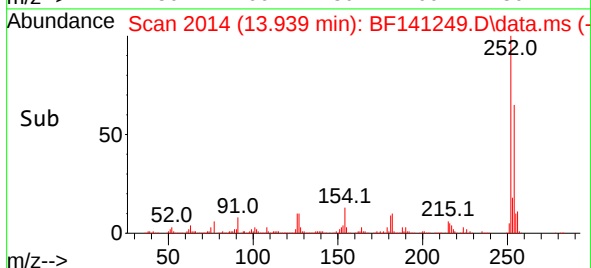
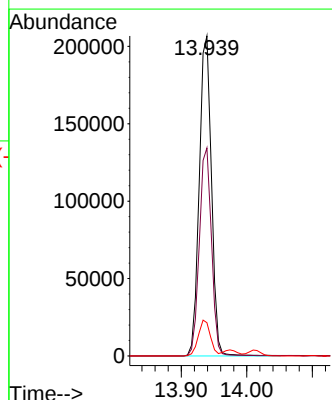
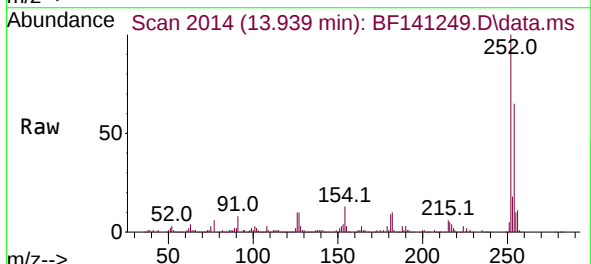
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

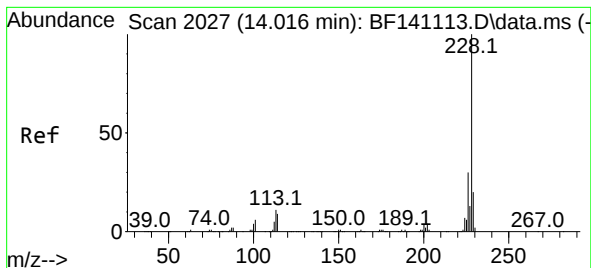
Tgt Ion:228 Resp: 1406282
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.8 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 30.582 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:252 Resp: 267874
Ion Ratio Lower Upper
252 100
254 65.0 52.0 78.0
126 10.4 9.4 14.0





#83

Chrysene

Concen: 52.822 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB166188BSD

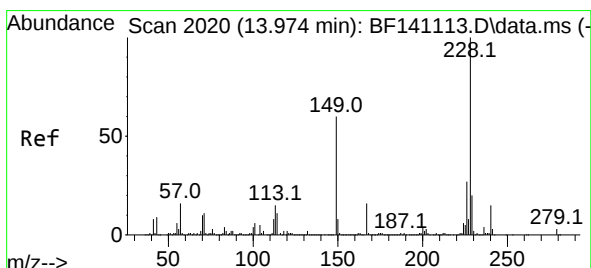
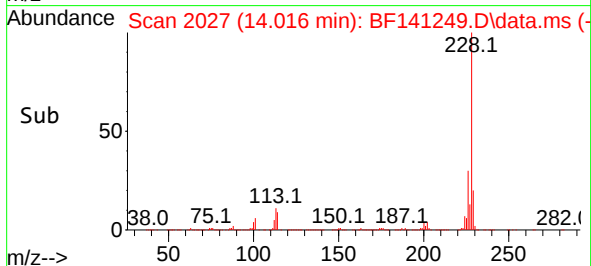
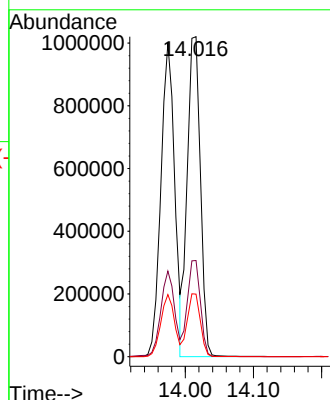
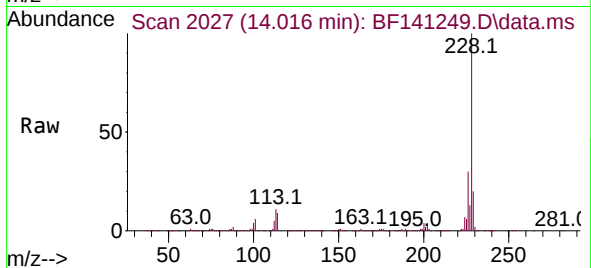
Tgt Ion:228 Resp: 1359603

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.8

229 19.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.588 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

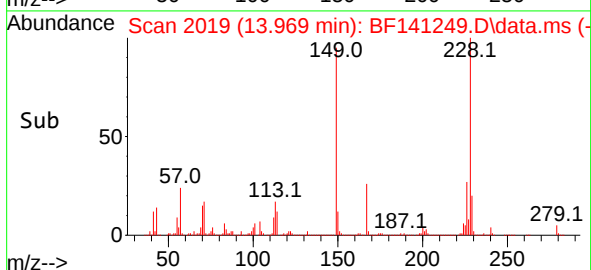
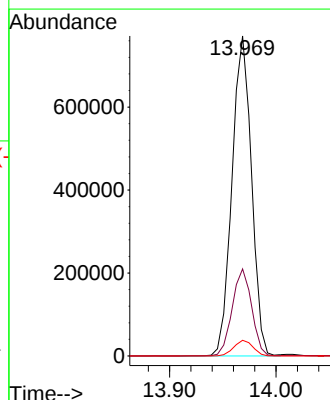
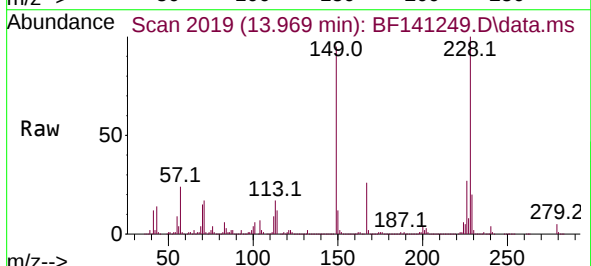
Tgt Ion:149 Resp: 982068

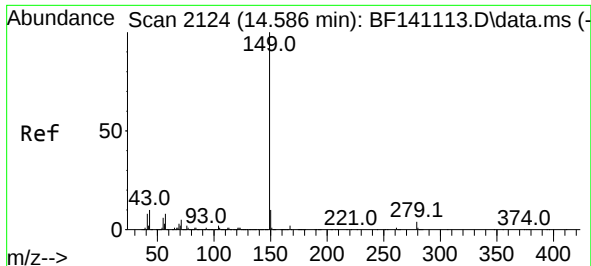
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.2

279 4.9 3.4 5.2

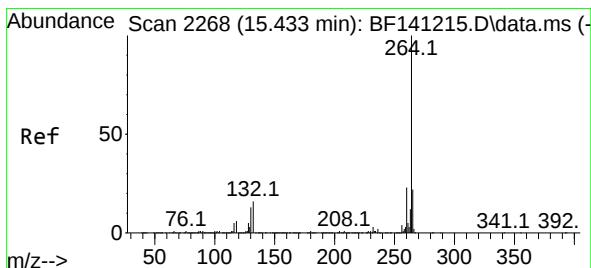
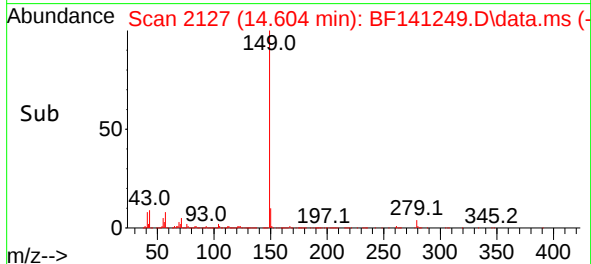
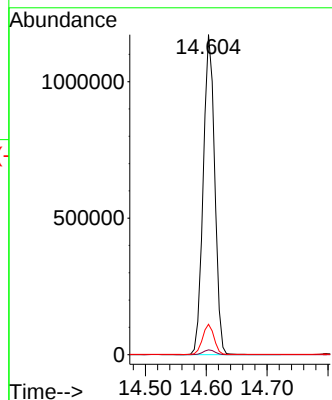
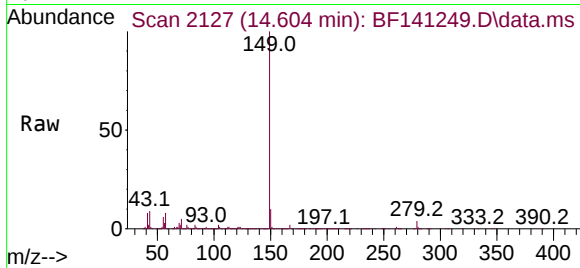




#85
Di-n-octyl phthalate
Concen: 65.829 ng
RT: 14.604 min Scan# 2124
Delta R.T. 0.018 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

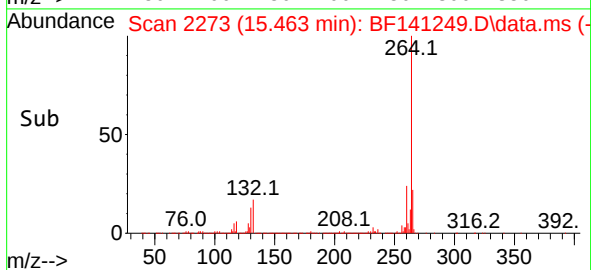
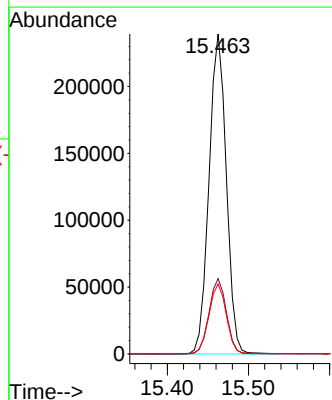
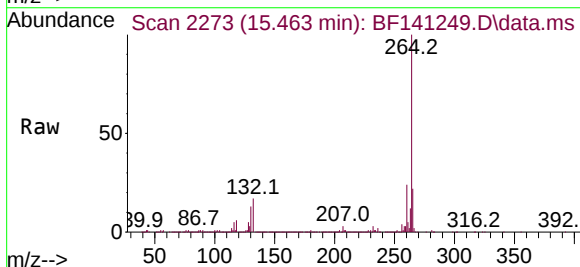
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

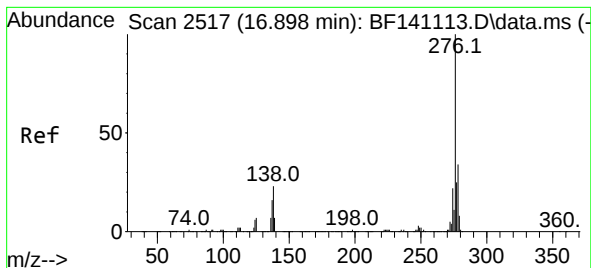
Tgt Ion:149 Resp: 1535248
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.3 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2273
Delta R.T. 0.024 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:264 Resp: 353459
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.575 ng

RT: 16.921 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

Instrument :

BNA_F

ClientSampleId :

PB166188BSD

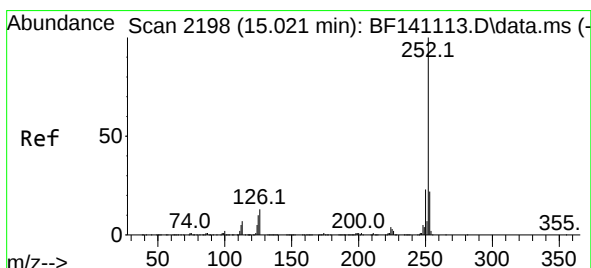
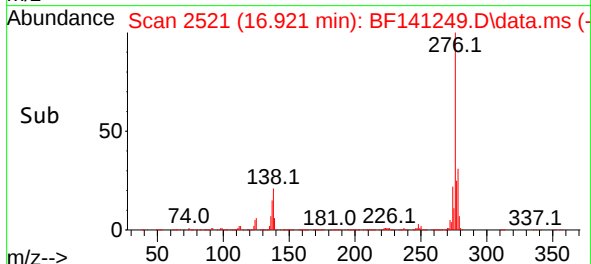
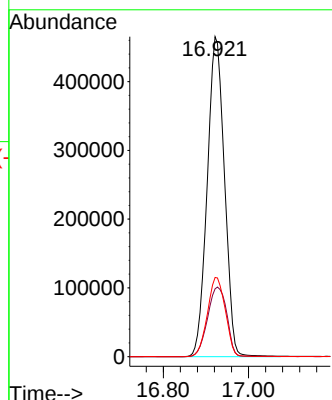
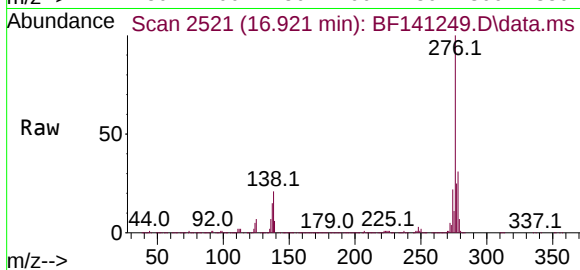
Tgt Ion:276 Resp: 1309650

Ion Ratio Lower Upper

276 100

138 24.2 20.7 31.1

277 25.8 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 55.894 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.018 min

Lab File: BF141249.D

Acq: 23 Jan 2025 14:51

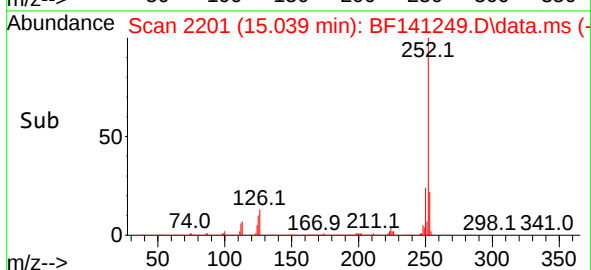
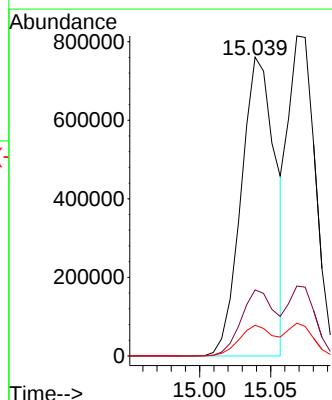
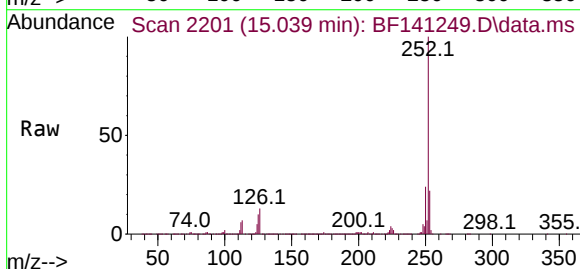
Tgt Ion:252 Resp: 1273955

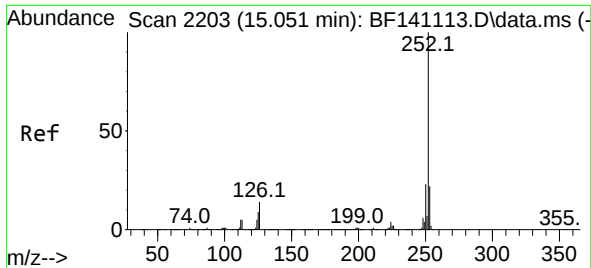
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.3 8.1 12.1

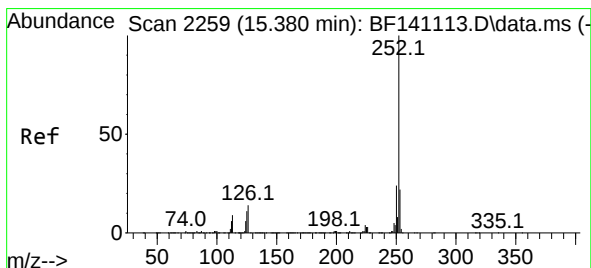
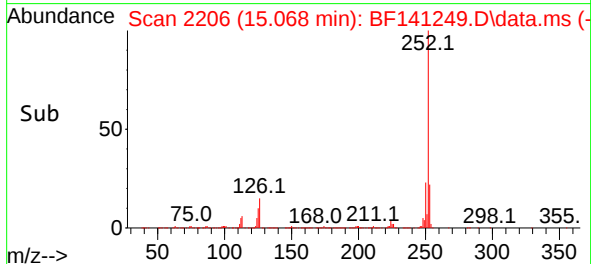
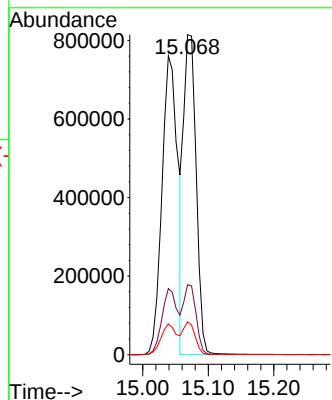
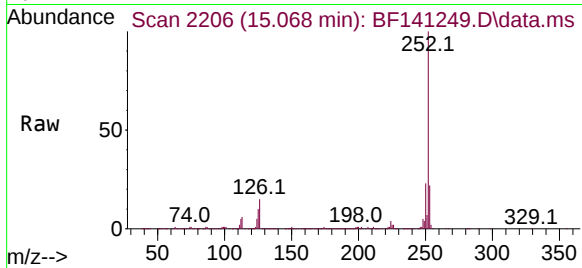




#89
Benzo(k)fluoranthene
Concen: 56.245 ng
RT: 15.068 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

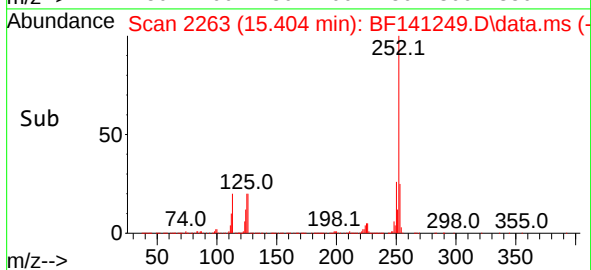
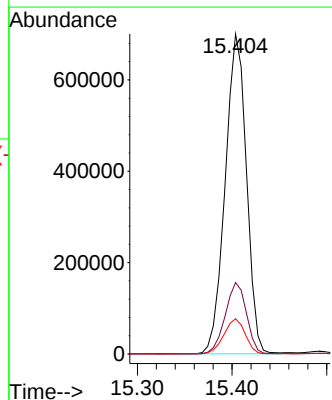
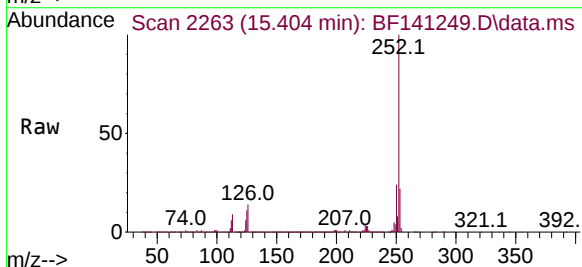
Instrument :
BNA_F
ClientSampleId :
PB166188BSD

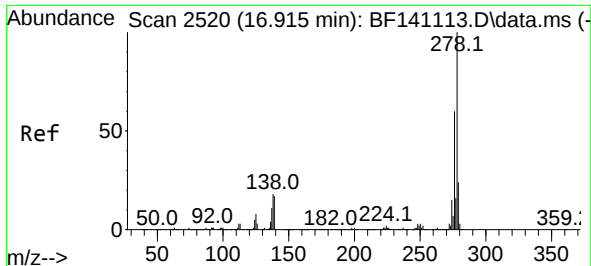
Tgt Ion:252 Resp: 1083357
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 10.3 7.9 11.9



#90
Benzo(a)pyrene
Concen: 58.099 ng
RT: 15.404 min Scan# 2263
Delta R.T. 0.024 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:252 Resp: 1092548
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.0 9.1 13.7

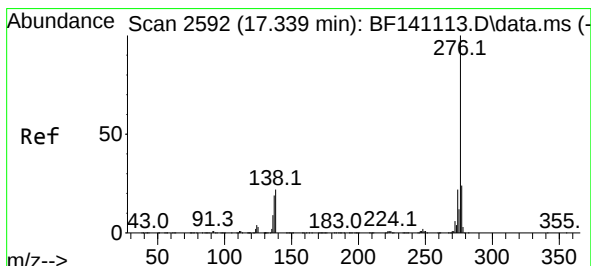
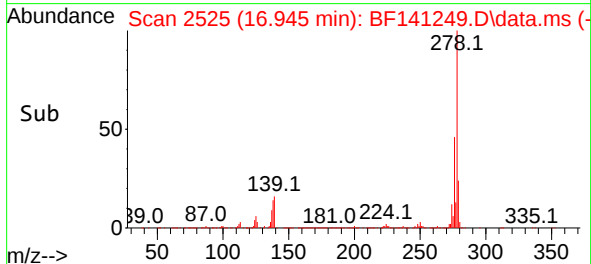
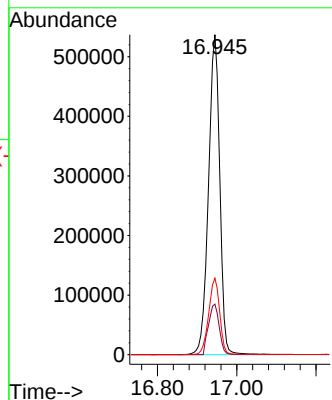
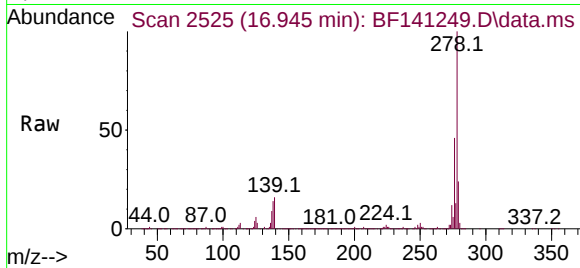




#91
Dibenzo(a,h)anthracene
Concen: 50.663 ng
RT: 16.945 min Scan# 2520
Delta R.T. 0.029 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Instrument :
BNA_F
ClientSampleId :
PB166188BSD

Tgt Ion:278 Resp: 1061105
Ion Ratio Lower Upper
278 100
139 15.8 13.8 20.6
279 23.9 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 44.678 ng
RT: 17.362 min Scan# 2596
Delta R.T. 0.024 min
Lab File: BF141249.D
Acq: 23 Jan 2025 14:51

Tgt Ion:276 Resp: 973318
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 20.8 17.4 26.2

