

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
 Data File : BF141238.D
 Acq On : 22 Jan 2025 16:35
 Operator : RC/JU
 Sample : PB166167BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166167BS

Quant Time: Jan 22 17:05:28 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	162146	20.000	ng	-0.02
21) Naphthalene-d8	8.086	136	643626	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	354213	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	605908	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	420035	20.000	ng	0.00
86) Perylene-d12	15.457	264	354890	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1380726	131.545	ng	0.00
7) Phenol-d6	6.439	99	1738658	130.769	ng	0.00
23) Nitrobenzene-d5	7.369	82	1115142	91.842	ng	-0.02
42) 2,4,6-Tribromophenol	10.639	330	630996	156.341	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	2117989	91.308	ng	-0.01
79) Terphenyl-d14	12.921	244	2569292	90.915	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	180990	38.722	ng	97
3) Pyridine	3.340	79	461340	40.249	ng	96
4) n-Nitrosodimethylamine	3.287	42	249532	44.524	ng	97
6) Aniline	6.469	93	442713	37.504	ng	# 91
8) 2-Chlorophenol	6.587	128	566740	50.327	ng	98
9) Benzaldehyde	6.351	77	61081	7.800	ng	95
10) Phenol	6.451	94	668331	46.958	ng	91
11) bis(2-Chloroethyl)ether	6.545	93	511704	48.243	ng	96
12) 1,3-Dichlorobenzene	6.745	146	576434	45.896	ng	98
13) 1,4-Dichlorobenzene	6.822	146	591510	46.736	ng	99
14) 1,2-Dichlorobenzene	6.975	146	558640	47.319	ng	98
15) Benzyl Alcohol	6.945	79	490574	51.092	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.081	45	688717	46.531	ng	95
17) 2-Methylphenol	7.063	107	451041	49.611	ng	97
18) Hexachloroethane	7.316	117	216394	47.279	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	375541	47.949	ng	97
20) 3+4-Methylphenols	7.216	107	550477	47.993	ng	# 81
22) Acetophenone	7.216	105	722451	47.217	ng	96
24) Nitrobenzene	7.386	77	575745	45.497	ng	99
25) Isophorone	7.628	82	1038398	50.043	ng	99
26) 2-Nitrophenol	7.704	139	300082	52.131	ng	99
27) 2,4-Dimethylphenol	7.739	122	459919	59.234	ng	98
28) bis(2-Chloroethoxy)met...	7.839	93	634928	48.757	ng	100
29) 2,4-Dichlorophenol	7.945	162	471622	51.143	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	482596	45.784	ng	99
31) Naphthalene	8.110	128	1615399	47.593	ng	100
32) Benzoic acid	7.863	122	379851	50.999	ng	98
33) 4-Chloroaniline	8.157	127	217730	18.548	ng	99
34) Hexachlorobutadiene	8.228	225	303387	47.767	ng	99
35) Caprolactam	8.528	113	155155m	51.391	ng	
36) 4-Chloro-3-methylphenol	8.645	107	516849	51.248	ng	99
37) 2-Methylnaphthalene	8.804	142	1069094	49.428	ng	99
38) 1-Methylnaphthalene	8.898	142	1002794	47.044	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	489644	48.162	ng	99
41) Hexachlorocyclopentadiene	8.957	237	611826	183.943	ng	100
43) 2,4,6-Trichlorophenol	9.080	196	357311	52.111	ng	99

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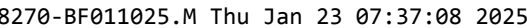
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	351171	48.494	ng	98
46) 1,1'-Biphenyl	9.269	154	1319228	47.958	ng	99
47) 2-Chloronaphthalene	9.292	162	1002677	46.799	ng	99
48) 2-Nitroaniline	9.386	65	314737	49.556	ng	99
49) Acenaphthylene	9.710	152	1562729	51.052	ng	99
50) Dimethylphthalate	9.575	163	1198998	50.421	ng	100
51) 2,6-Dinitrotoluene	9.633	165	269075	48.658	ng	100
52) Acenaphthene	9.880	154	1165701	54.507	ng	100
53) 3-Nitroaniline	9.798	138	158248	28.161	ng	100
54) 2,4-Dinitrophenol	9.910	184	306600	116.646	ng	94
55) Dibenzofuran	10.051	168	1415430	48.658	ng	99
56) 4-Nitrophenol	9.969	139	455874	103.584	ng	98
57) 2,4-Dinitrotoluene	10.039	165	365821	51.332	ng	97
58) Fluorene	10.398	166	1100277	48.686	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	319163	53.023	ng	100
60) Diethylphthalate	10.275	149	1158157	49.888	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	538064	48.850	ng	97
62) 4-Nitroaniline	10.416	138	272151	49.481	ng	98
63) Azobenzene	10.551	77	1120129	48.899	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	208689	59.438	ng	97
66) n-Nitrosodiphenylamine	10.510	169	993901	50.857	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	359499	51.535	ng	98
68) Hexachlorobenzene	10.945	284	401018	51.642	ng	98
69) Atrazine	11.039	200	343172	65.215	ng	99
70) Pentachlorophenol	11.139	266	501808	100.907	ng	99
71) Phenanthrene	11.357	178	1668196	51.283	ng	100
72) Anthracene	11.410	178	1688615	53.387	ng	99
73) Carbazole	11.563	167	1483880	51.164	ng	100
74) Di-n-butylphthalate	11.898	149	1776984	53.538	ng	100
75) Fluoranthene	12.551	202	1745216	53.763	ng	98
77) Benzidine	12.668	184	423059	54.313	ng	100
78) Pyrene	12.774	202	1786540	44.531	ng	99
80) Butylbenzylphthalate	13.398	149	716087	53.536	ng	98
81) Benzo(a)anthracene	13.968	228	1420280	49.685	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	249243	27.383	ng	99
83) Chrysene	14.010	228	1273722	47.620	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	896711	55.873	ng	99
85) Di-n-octyl phthalate	14.598	149	1432974	59.127	ng	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	1225057	47.117	ng	98
88) Benzo(b)fluoranthene	15.033	252	1252041	54.711	ng	100
89) Benzo(k)fluoranthene	15.062	252	1008192	52.132	ng	100
90) Benzo(a)pyrene	15.398	252	1034601	54.796	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	980573	46.629	ng	98
92) Benzo(g,h,i)perylene	17.351	276	926433	42.354	ng	99

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

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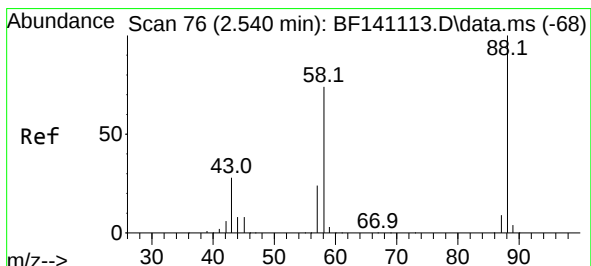
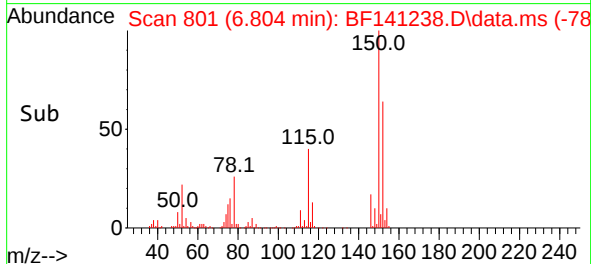
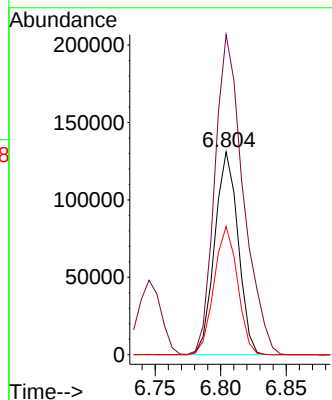
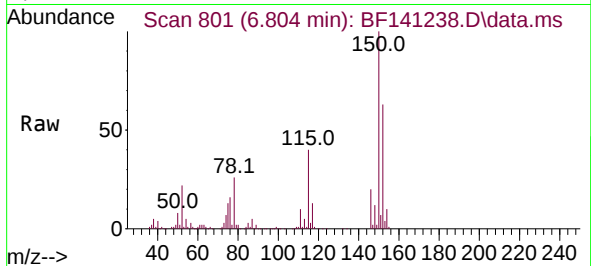




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF141238.D
 Acq: 22 Jan 2025 16:35

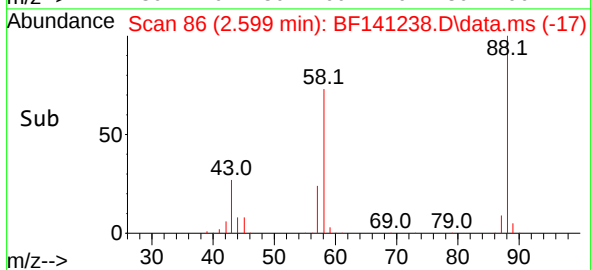
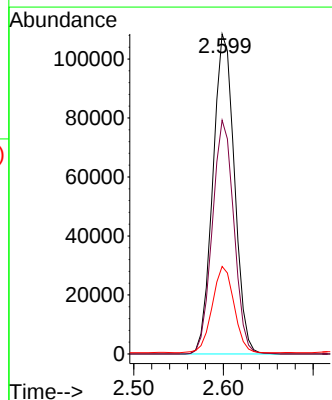
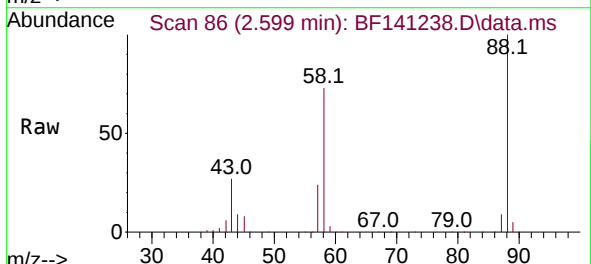
Instrument :
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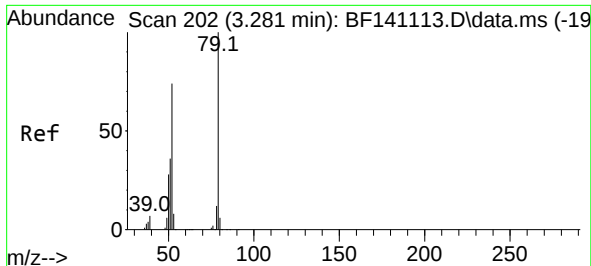
Tgt Ion:152 Resp: 162146
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.8 188.8
 115 63.2 51.4 77.2



#2
 1,4-Dioxane
 Concen: 38.722 ng
 RT: 2.599 min Scan# 86
 Delta R.T. 0.059 min
 Lab File: BF141238.D
 Acq: 22 Jan 2025 16:35

Tgt Ion: 88 Resp: 180990
 Ion Ratio Lower Upper
 88 100
 58 72.9 60.1 90.1
 43 27.2 23.1 34.7

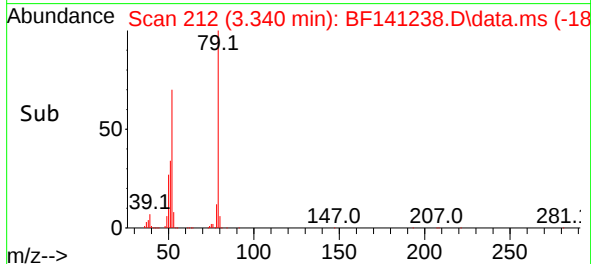
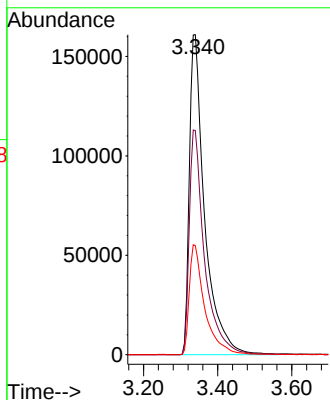
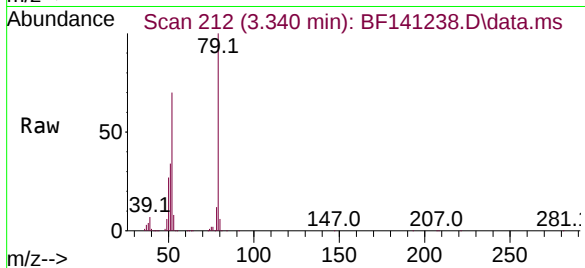




#3
Pyridine
Concen: 40.249 ng
RT: 3.340 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

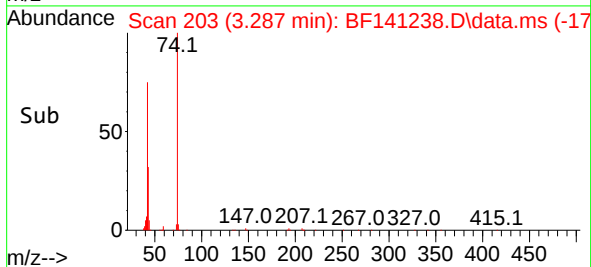
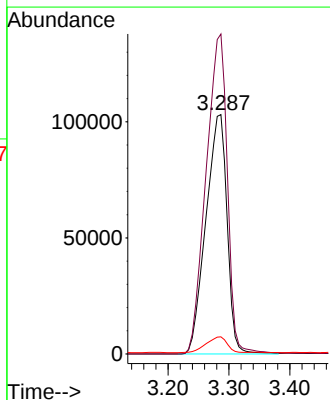
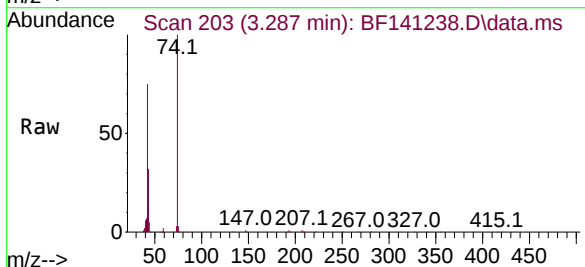
Instrument :
BNA_F
ClientSampleId :
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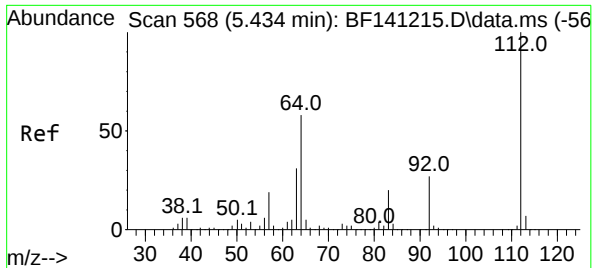
Tgt Ion: 79 Resp: 461340
Ion Ratio Lower Upper
79 100
52 70.0 58.9 88.3
51 34.1 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 44.524 ng
RT: 3.287 min Scan# 203
Delta R.T. 0.059 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion: 42 Resp: 249532
Ion Ratio Lower Upper
42 100
74 133.7 103.8 155.6
44 7.2 5.3 7.9

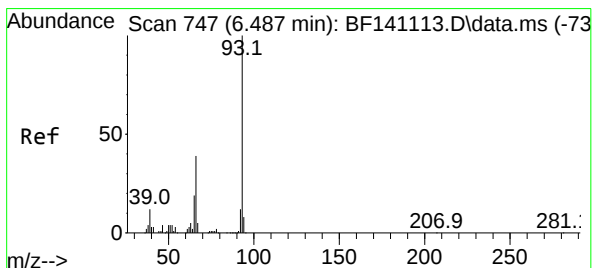
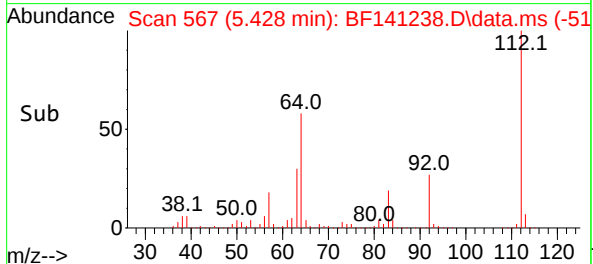
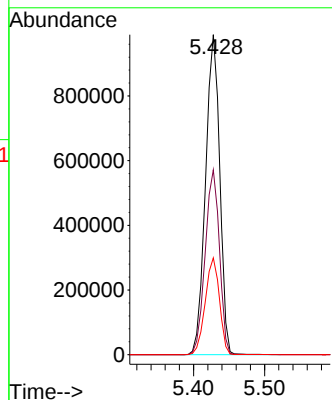
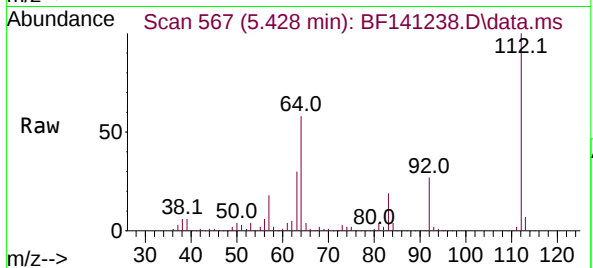




#5
2-Fluorophenol
Concen: 131.545 ng
RT: 5.428 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

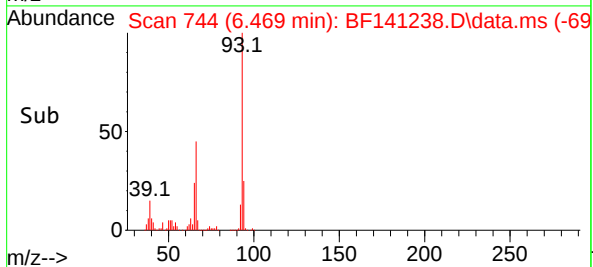
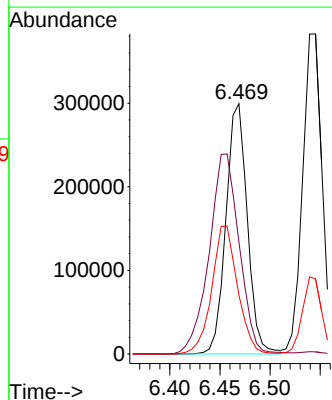
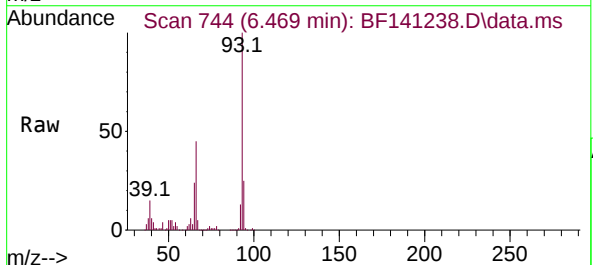
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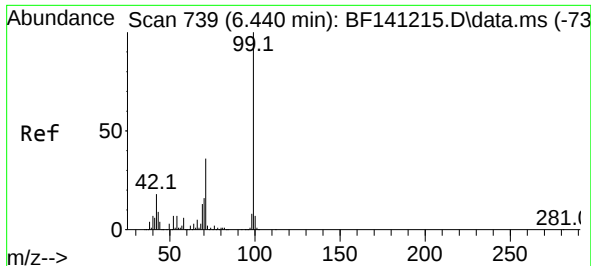
Tgt Ion:112 Resp: 1380726
Ion Ratio Lower Upper
112 100
64 57.8 47.3 70.9
63 30.3 24.2 36.2



#6
Aniline
Concen: 37.504 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion: 93 Resp: 442713
Ion Ratio Lower Upper
93 100
66 44.7 31.5 47.3
65 23.5 15.3 22.9#



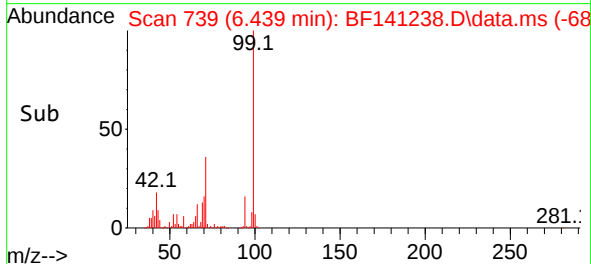
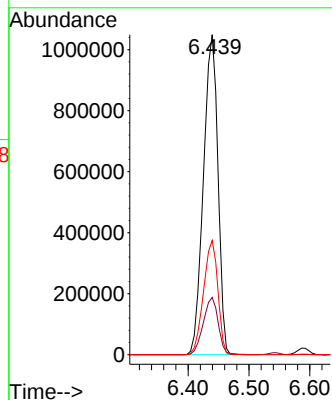
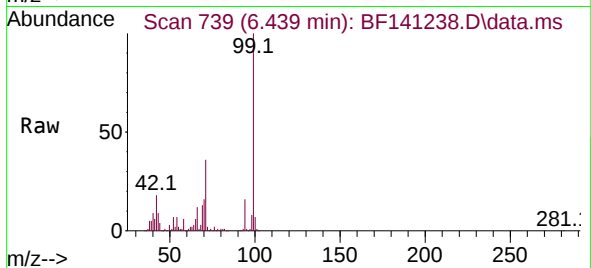


#7
Phenol-d6
Concen: 130.769 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1738658

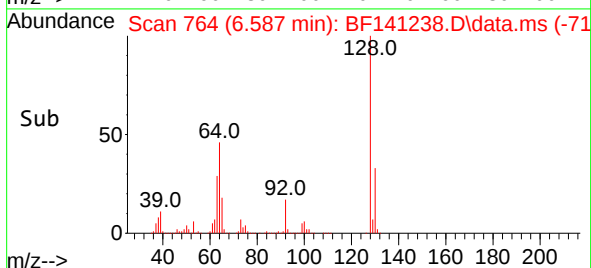
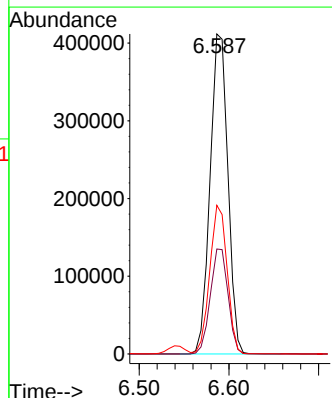
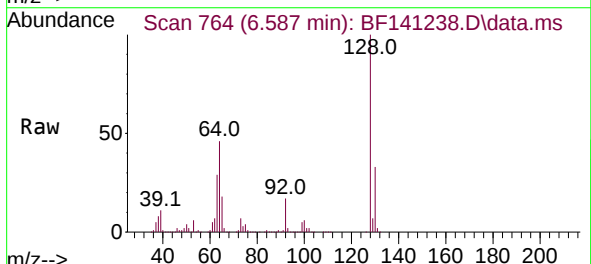
Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.0	22.4
71	35.7	27.6	41.4



#8
2-Chlorophenol
Concen: 50.327 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.018 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion: 128 Resp: 566740

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	46.4	28.3	68.3

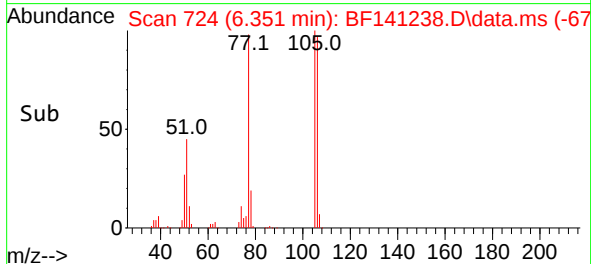
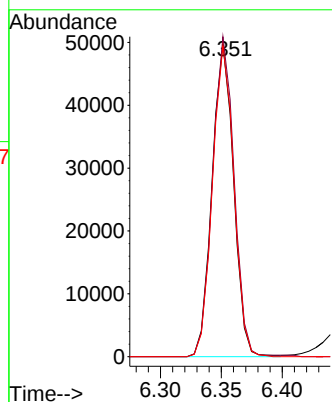
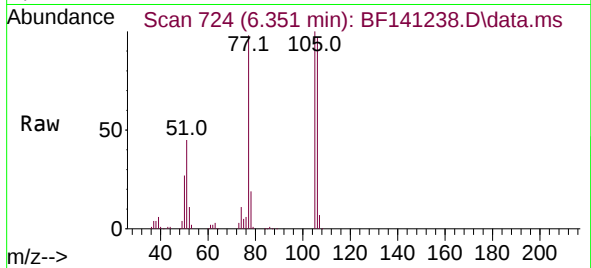




#9
Benzaldehyde
Concen: 7.800 ng
RT: 6.351 min Scan# 710
Delta R.T. -0.018 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

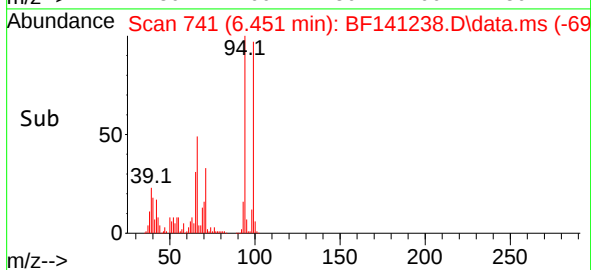
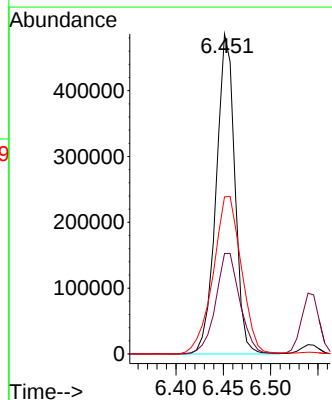
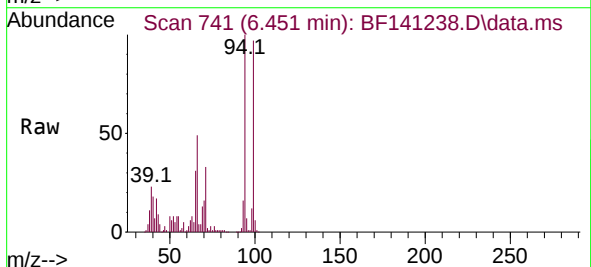
Instrument :
BNA_F
ClientSampleId :
PB166167BS

Tgt Ion: 77 Resp: 61081
Ion Ratio Lower Upper
77 100
105 102.4 78.9 118.9
106 99.5 73.6 113.6



#10
Phenol
Concen: 46.958 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion: 94 Resp: 668331
Ion Ratio Lower Upper
94 100
65 31.4 8.9 48.9
66 49.1 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 48.243 ng

RT: 6.545 min Scan# 710

Delta R.T. -0.012 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

Instrument :

BNA_F

ClientSampleId :

PB166167BS

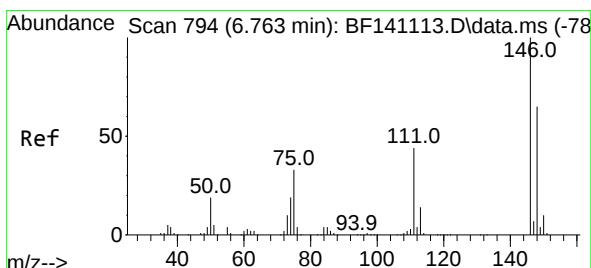
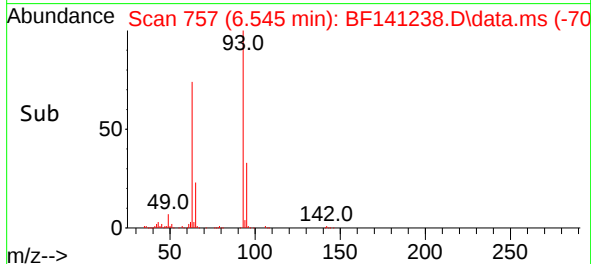
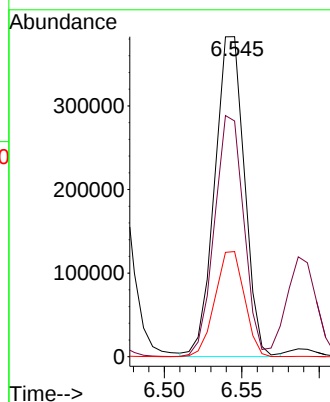
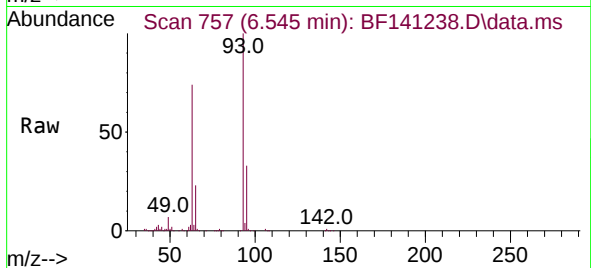
Tgt Ion: 93 Resp: 511704

Ion Ratio Lower Upper

93 100

63 73.6 58.0 98.0

95 32.8 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 45.896 ng

RT: 6.745 min Scan# 791

Delta R.T. -0.018 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

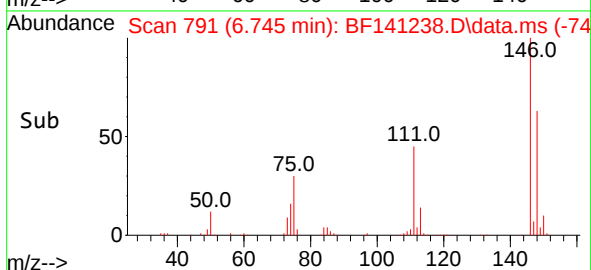
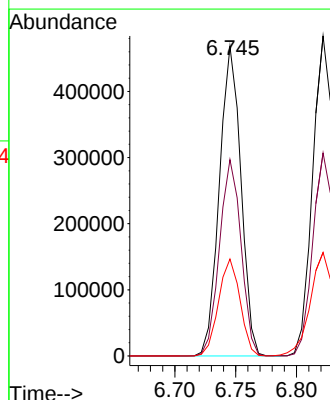
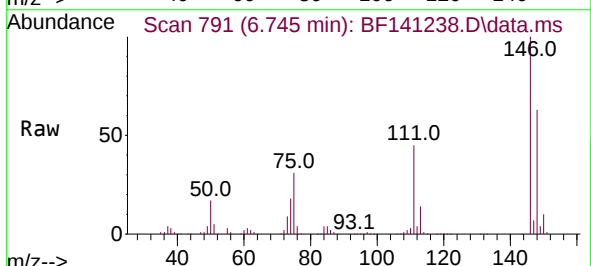
Tgt Ion:146 Resp: 576434

Ion Ratio Lower Upper

146 100

148 63.4 51.6 77.4

75 31.3 26.2 39.2

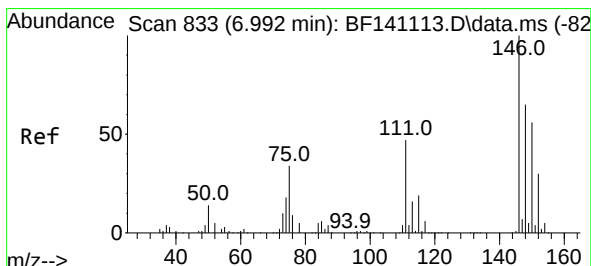
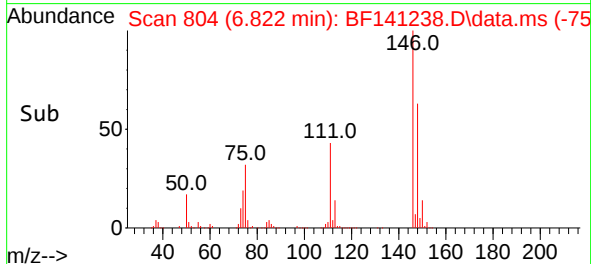
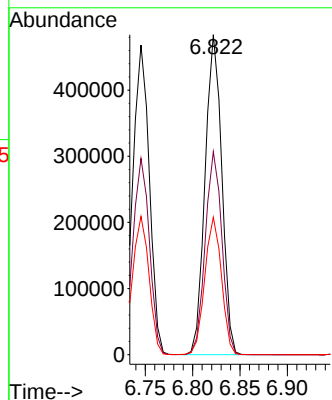
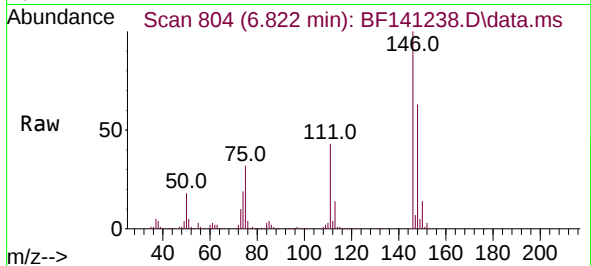




#13
1,4-Dichlorobenzene
Concen: 46.736 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

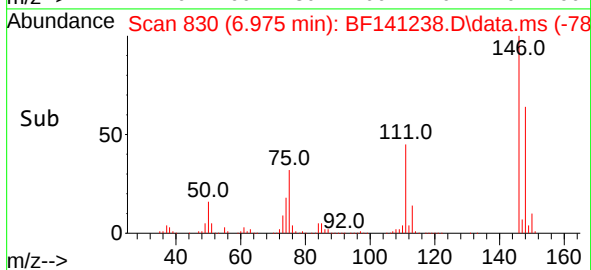
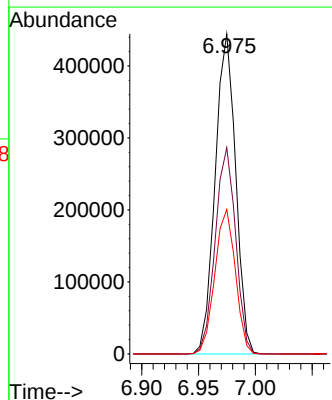
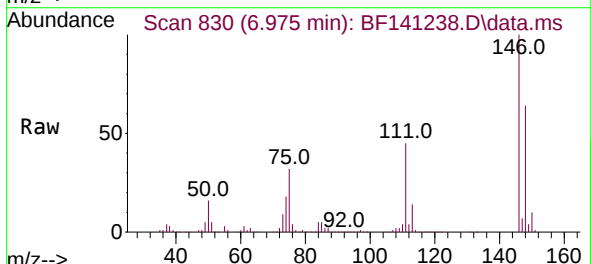
Instrument :
BNA_F
ClientSampleId :
PB166167BS

Tgt Ion:146 Resp: 591510
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
111 43.0 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 47.319 ng
RT: 6.975 min Scan# 830
Delta R.T. -0.018 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion:146 Resp: 558640
Ion Ratio Lower Upper
146 100
148 64.4 52.2 78.4
111 45.2 37.5 56.3

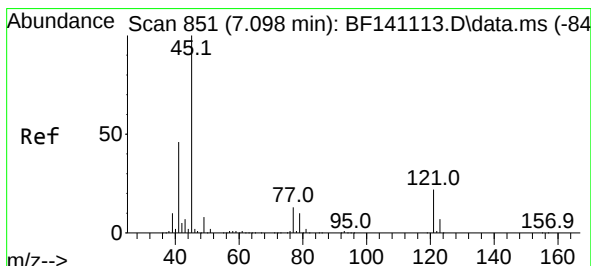
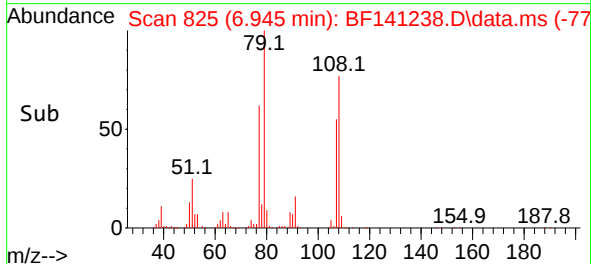
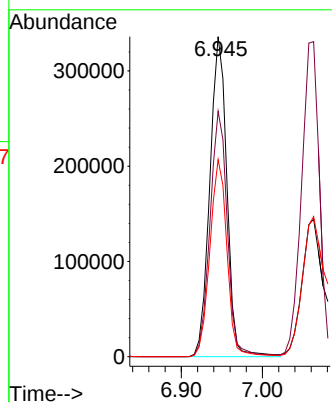
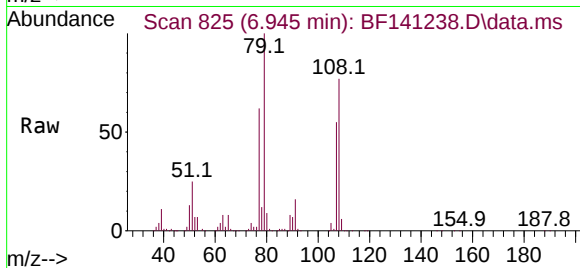




#15
Benzyl Alcohol
Concen: 51.092 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

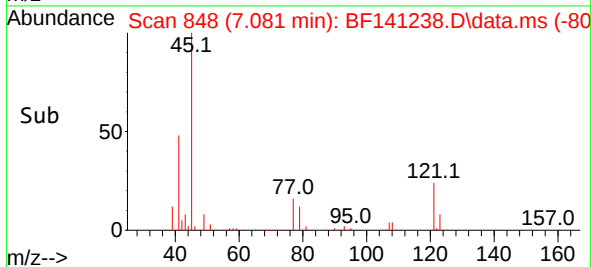
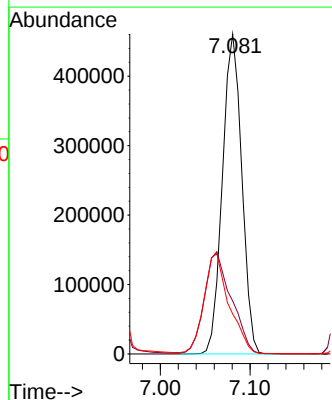
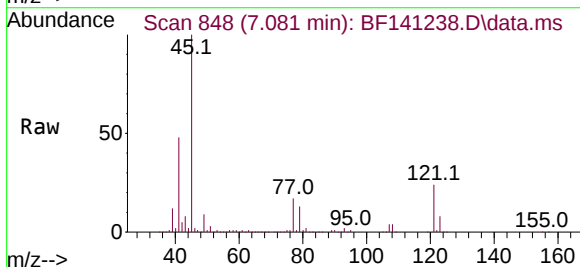
Instrument :
BNA_F
ClientSampleId :
PB166167BS

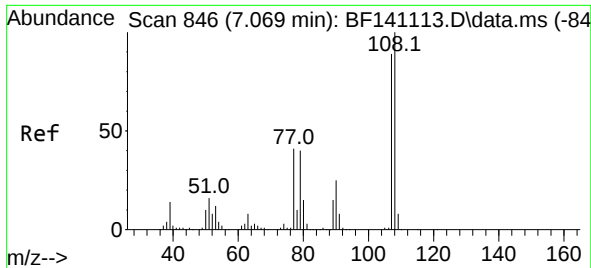
Tgt Ion: 79 Resp: 490574
Ion Ratio Lower Upper
79 100
108 76.7 61.4 92.0
77 61.6 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.531 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.018 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion: 45 Resp: 688717
Ion Ratio Lower Upper
45 100
77 16.6 0.0 34.1
79 12.5 0.0 31.0



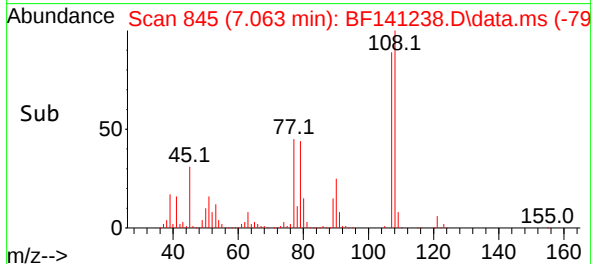
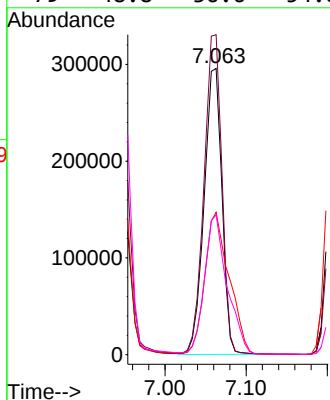
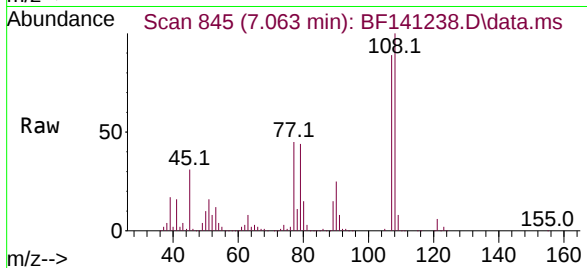


#17
2-Methylphenol
Concen: 49.611 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Instrument :
BNA_F
ClientSampleId :
PB166167BS

Tgt Ion:107 Resp: 451041

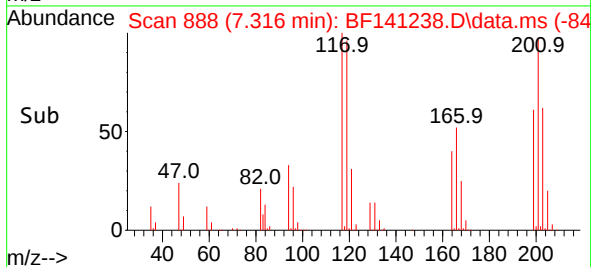
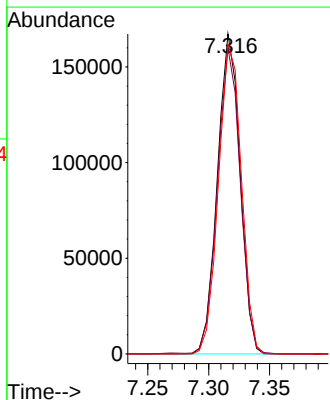
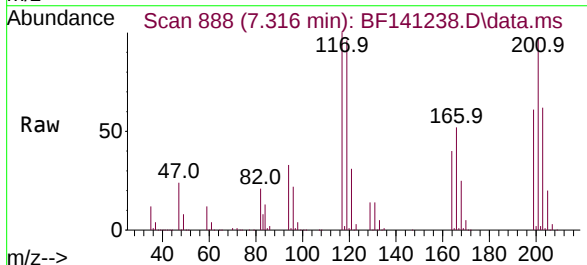
Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.1	135.1
77	49.7	36.6	55.0
79	48.8	36.6	54.8



#18
Hexachloroethane
Concen: 47.279 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion:117 Resp: 216394

Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.6	116.4
201	96.9	75.1	112.7



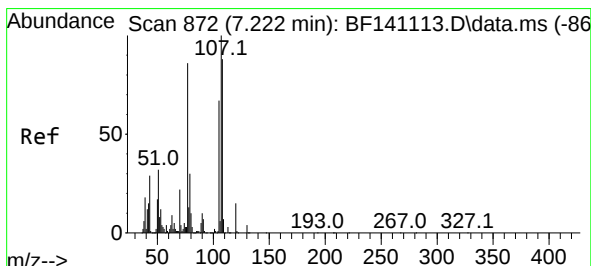
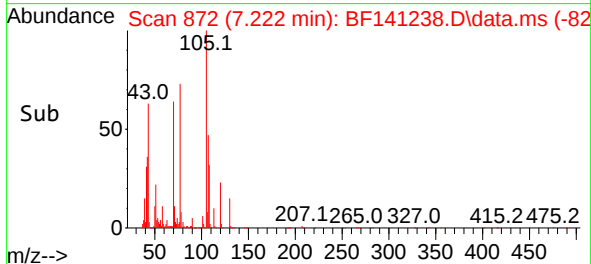
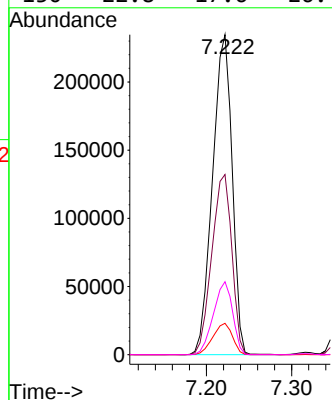
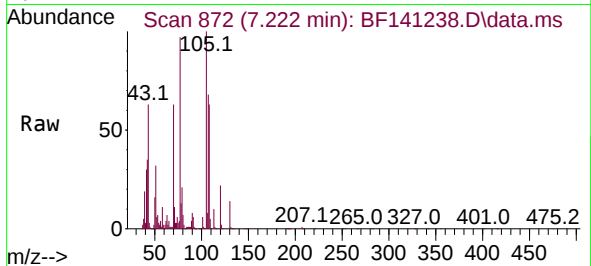


#19
n-Nitroso-di-n-propylamine
Concen: 47.949 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Instrument :
BNA_F
ClientSampleId :
PB166167BS

Tgt Ion: 70 Resp: 375541

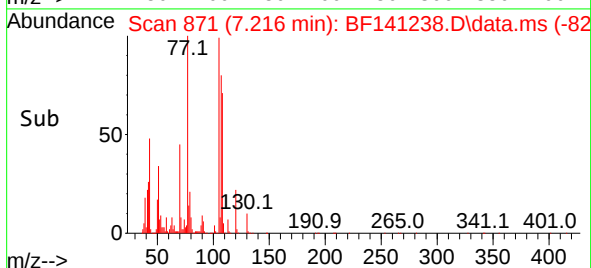
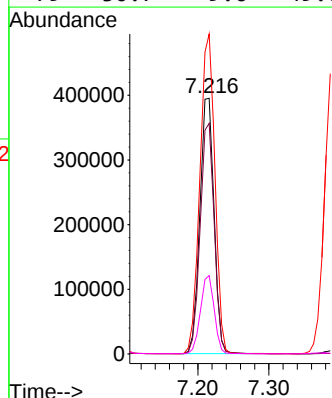
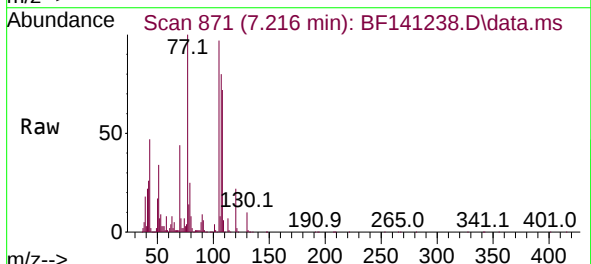
Ion	Ratio	Lower	Upper
70	100		
42	56.3	47.8	71.6
101	9.8	7.9	11.9
130	22.8	17.6	26.4

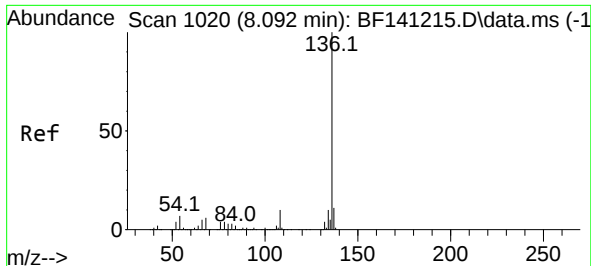


#20
3+4-Methylphenols
Concen: 47.993 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion: 107 Resp: 550477

Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.3	108.3
77	125.2	66.4	106.4#
79	30.7	9.6	49.6



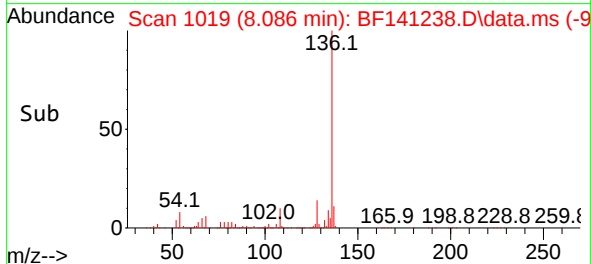
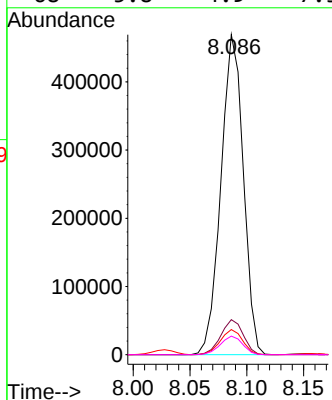
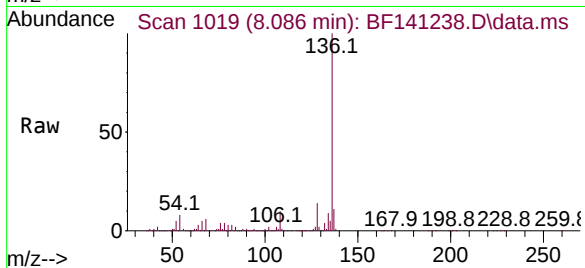


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Instrument :
BNA_F
ClientSampleId :
PB166167BS

Tgt Ion:136 Resp: 643626

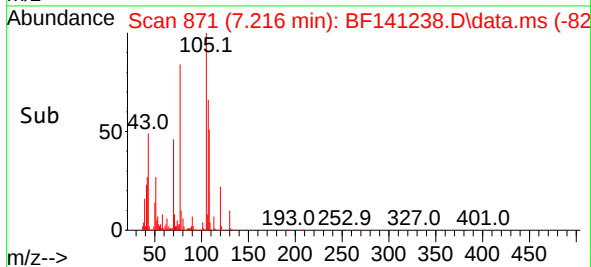
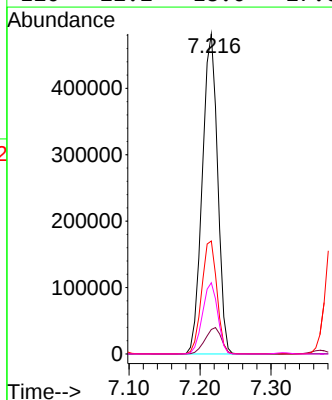
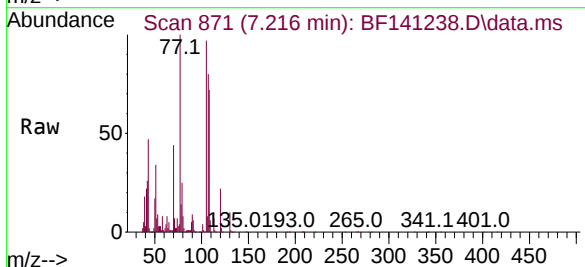
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.9	6.3	9.5
68	5.8	4.9	7.3

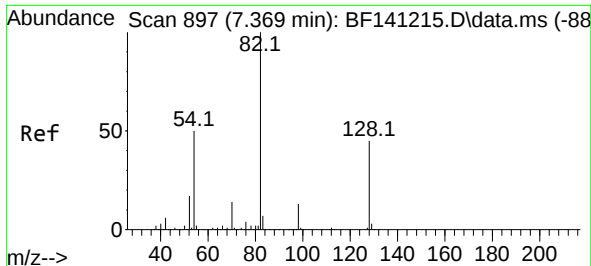


#22
Acetophenone
Concen: 47.217 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.018 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion:105 Resp: 722451

Ion	Ratio	Lower	Upper
105	100		
71	7.7	7.1	10.7
51	35.3	25.4	38.2
120	22.2	18.0	27.0





#23

Nitrobenzene-d5

Concen: 91.842 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.018 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

Instrument :

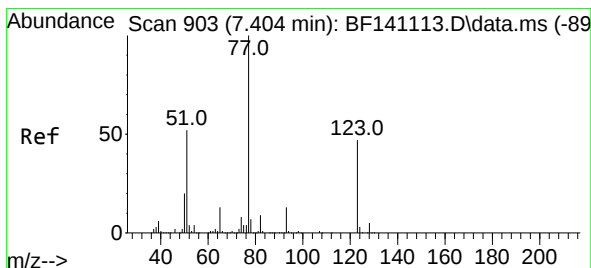
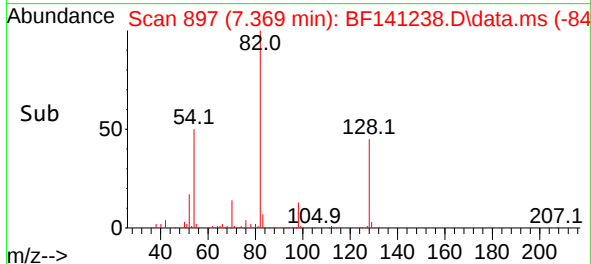
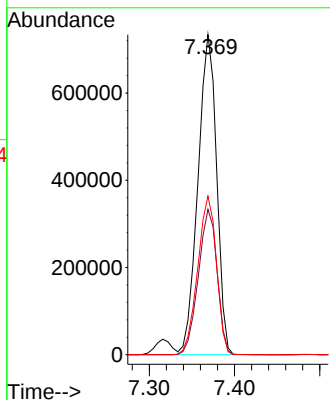
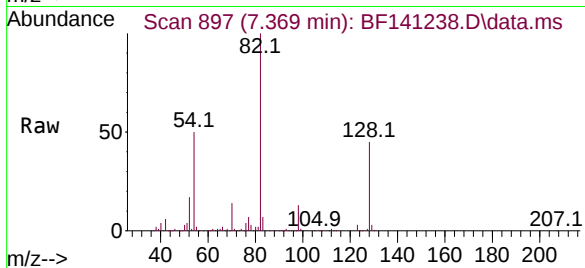
BNA_F

ClientSampleId :

PB166167BS

Tgt Ion: 82 Resp: 1115142

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	49.5	41.0	61.4



#24

Nitrobenzene

Concen: 45.497 ng

RT: 7.386 min Scan# 900

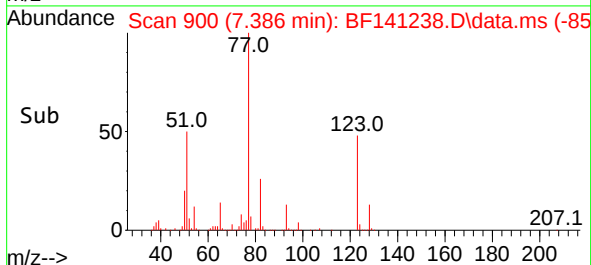
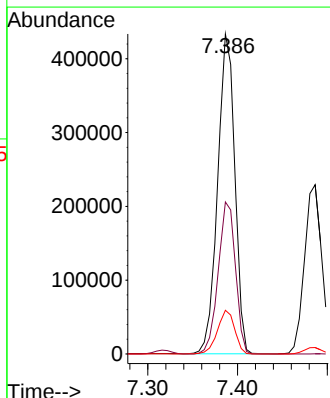
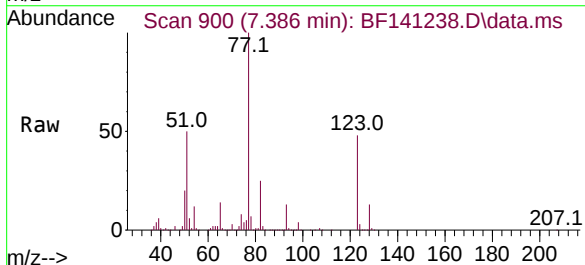
Delta R.T. -0.018 min

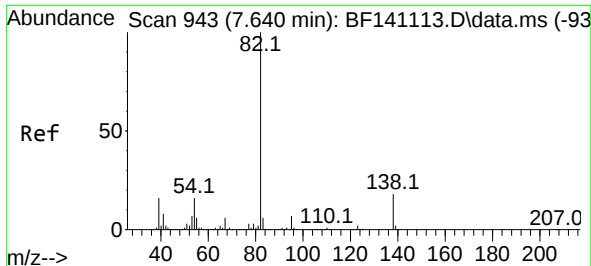
Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

Tgt Ion: 77 Resp: 575745

Ion	Ratio	Lower	Upper
77	100		
123	47.5	37.7	56.5
65	13.7	10.6	16.0

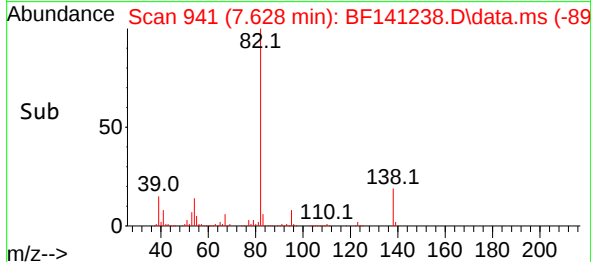
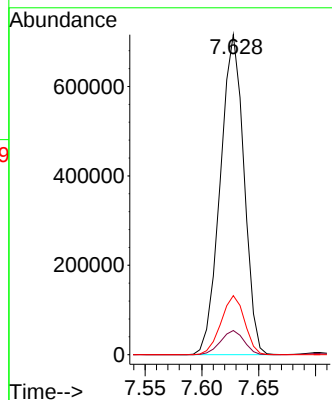
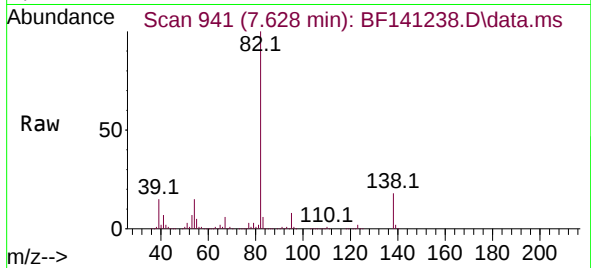




#25
Isophorone
Concen: 50.043 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

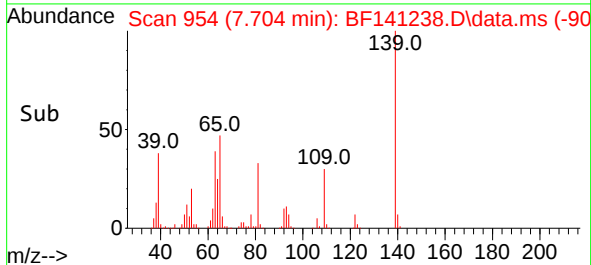
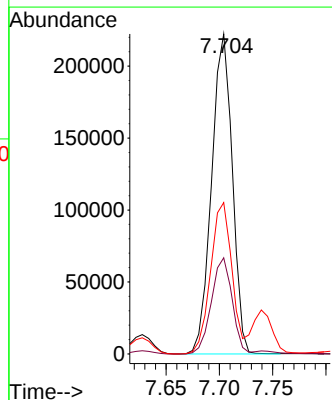
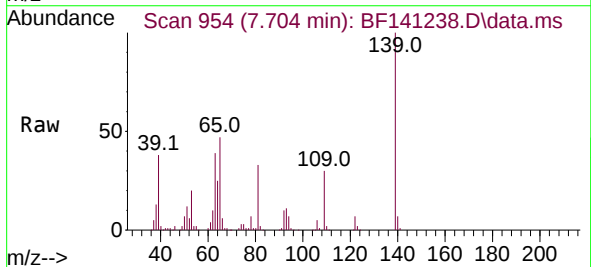
Instrument :
BNA_F
ClientSampleId :
PB166167BS

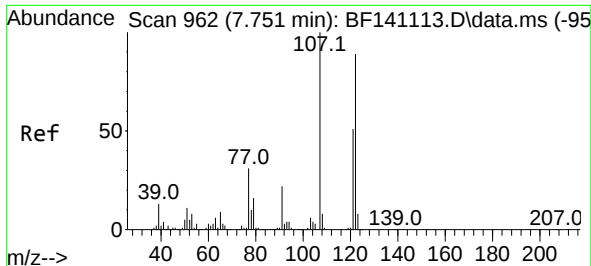
Tgt Ion: 82 Resp: 1038398
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.4 14.2 21.2



#26
2-Nitrophenol
Concen: 52.131 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.018 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion:139 Resp: 300082
Ion Ratio Lower Upper
139 100
109 30.0 23.8 35.6
65 47.3 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 59.234 ng

RT: 7.739 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

Instrument :

BNA_F

ClientSampleId :

PB166167BS

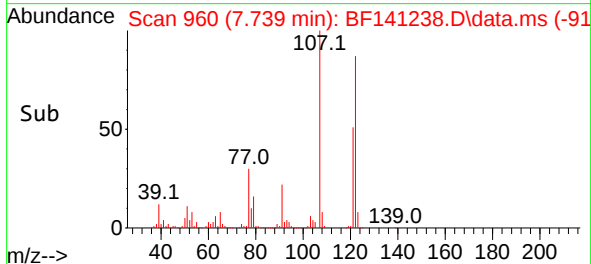
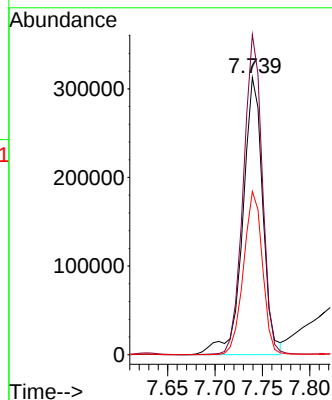
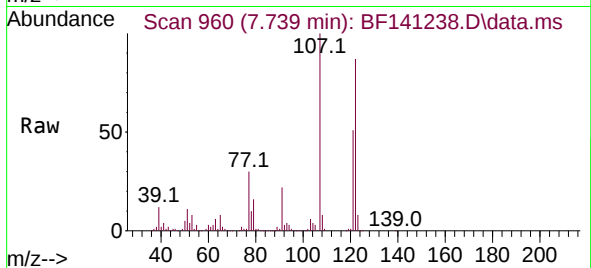
Tgt Ion:122 Resp: 459919

Ion Ratio Lower Upper

122 100

107 115.5 90.3 135.5

121 58.9 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 48.757 ng

RT: 7.839 min Scan# 977

Delta R.T. -0.012 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

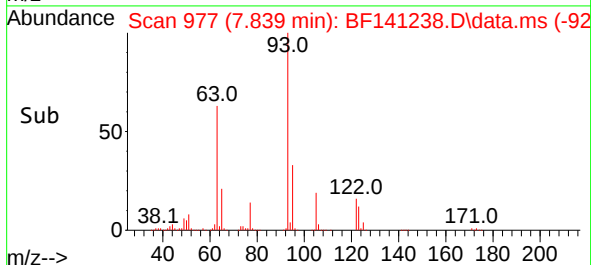
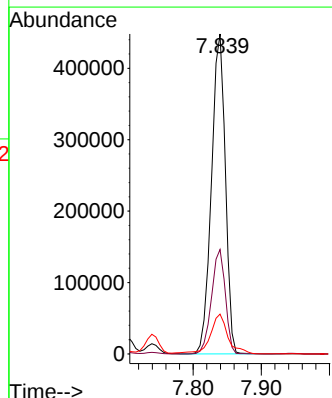
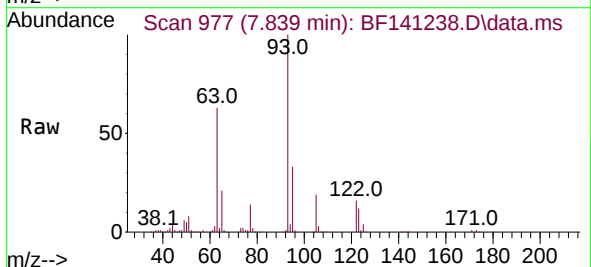
Tgt Ion: 93 Resp: 634928

Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

123 12.5 10.1 15.1

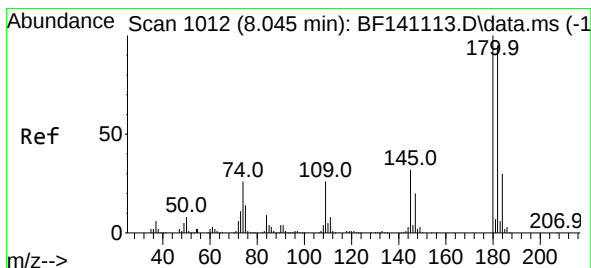
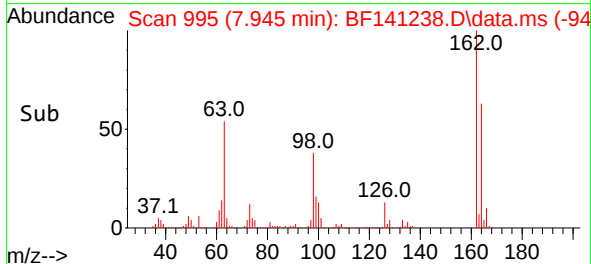
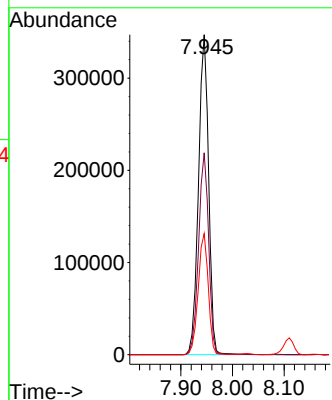
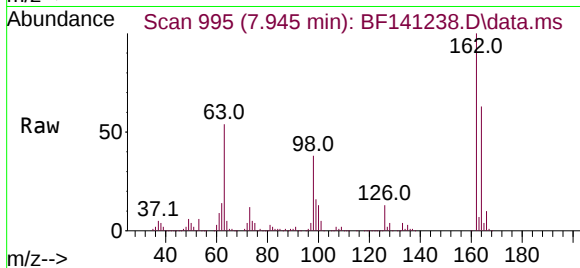




#29
2,4-Dichlorophenol
Concen: 51.143 ng
RT: 7.945 min Scan# 995
Delta R.T. -0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

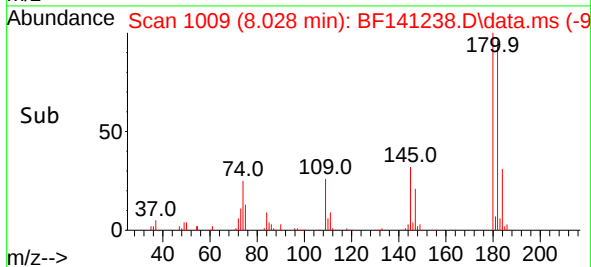
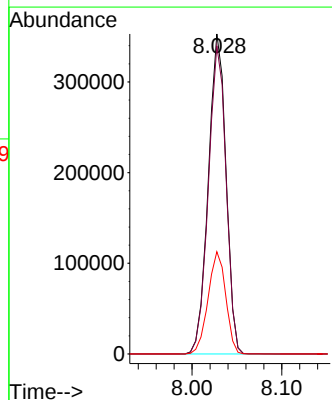
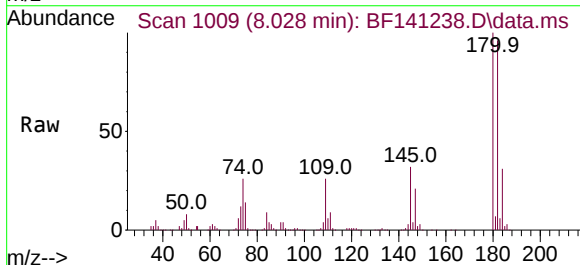
Instrument :
BNA_F
ClientSampleId :
PB166167BS

Tgt Ion:162 Resp: 471622
Ion Ratio Lower Upper
162 100
164 63.1 44.5 84.5
98 37.9 18.5 58.5



#30
1,2,4-Trichlorobenzene
Concen: 45.784 ng
RT: 8.028 min Scan# 1009
Delta R.T. -0.018 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion:180 Resp: 482596
Ion Ratio Lower Upper
180 100
182 96.3 76.2 114.2
145 32.0 25.3 37.9

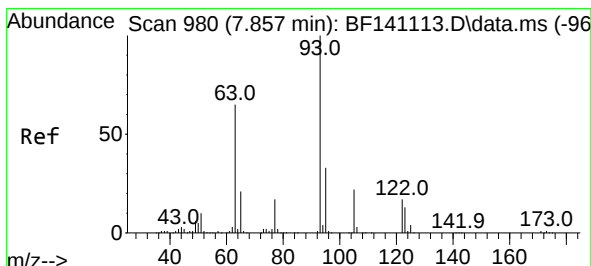
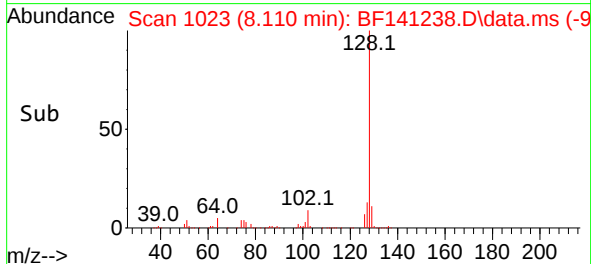
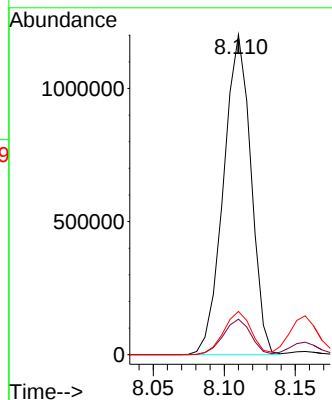
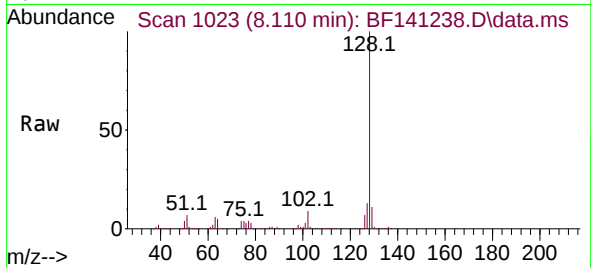




#31
Naphthalene
Concen: 47.593 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.018 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

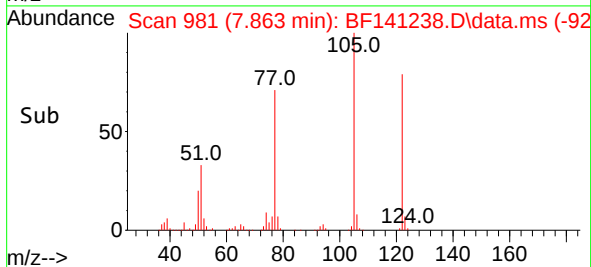
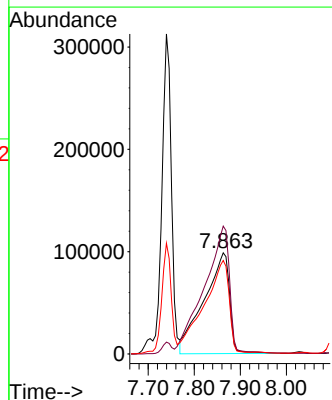
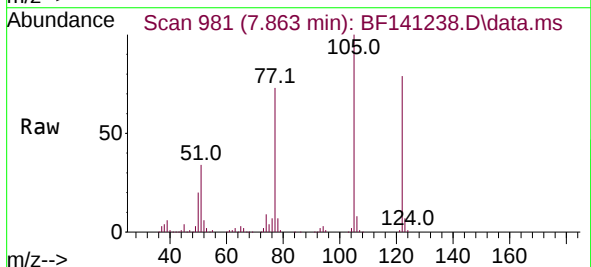
Instrument :
BNA_F
ClientSampleId :
PB166167BS

Tgt Ion:128 Resp: 1615399
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 50.999 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.006 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion:122 Resp: 379851
Ion Ratio Lower Upper
122 100
105 126.5 105.5 145.5
77 92.5 75.1 115.1





#33

4-Chloroaniline

Concen: 18.548 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.018 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

Instrument :

BNA_F

ClientSampleId :

PB166167BS

Tgt Ion:127 Resp: 217730

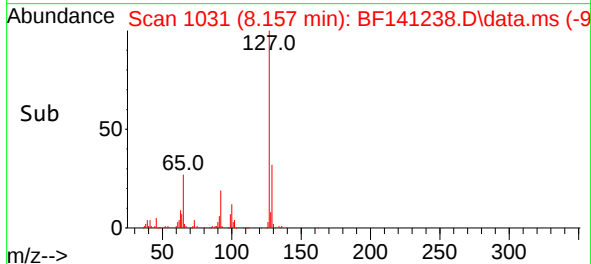
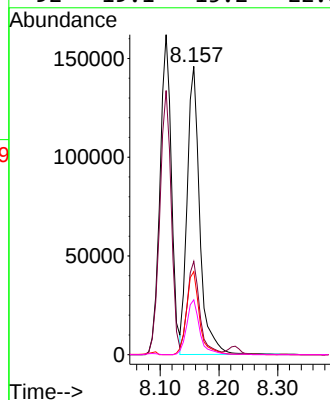
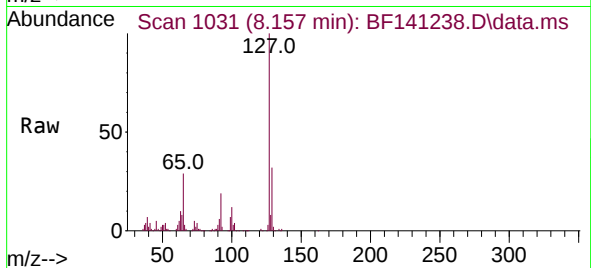
Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 28.8 23.8 35.8

92 19.1 15.2 22.8



#34

Hexachlorobutadiene

Concen: 47.767 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.018 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

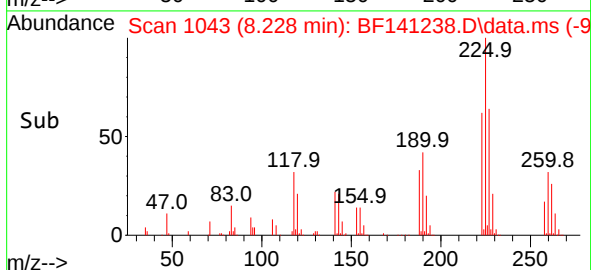
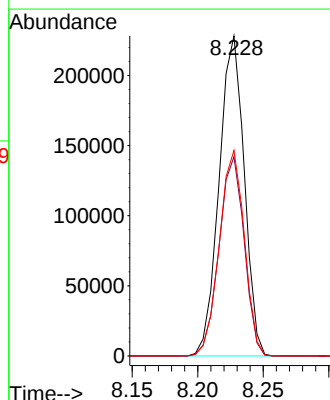
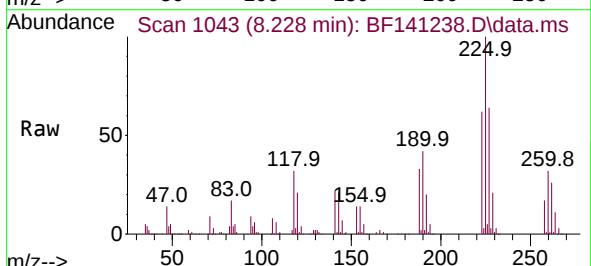
Tgt Ion:225 Resp: 303387

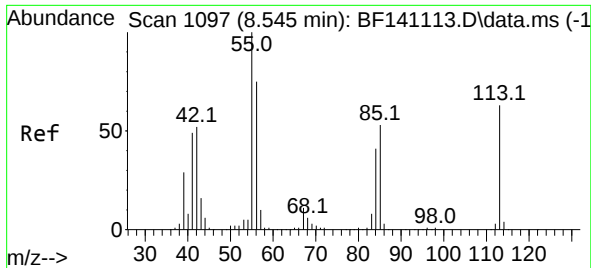
Ion Ratio Lower Upper

225 100

223 62.3 50.6 76.0

227 64.2 51.6 77.4

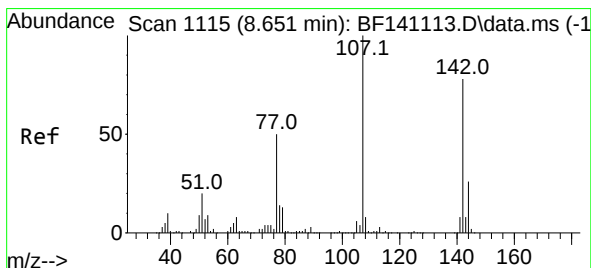
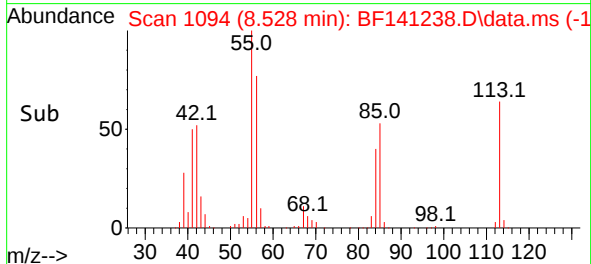
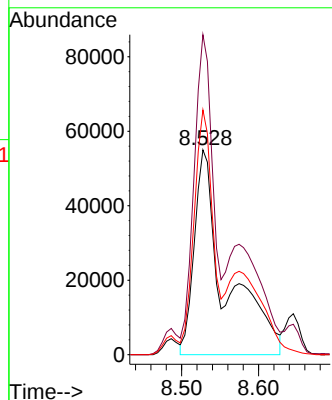
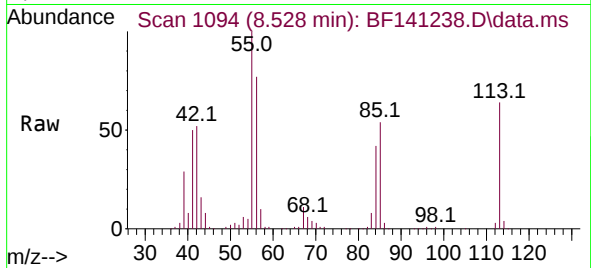




#35
 Caprolactam
 Concen: 51.391 ng m
 RT: 8.528 min Scan# 1094
 Delta R.T. -0.018 min
 Lab File: BF141238.D
 Acq: 22 Jan 2025 16:35

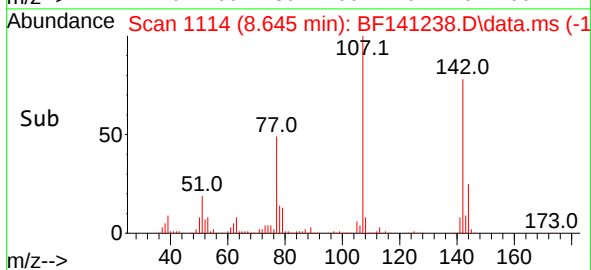
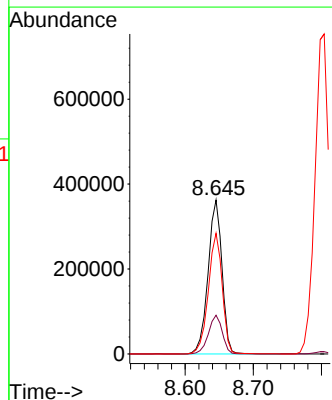
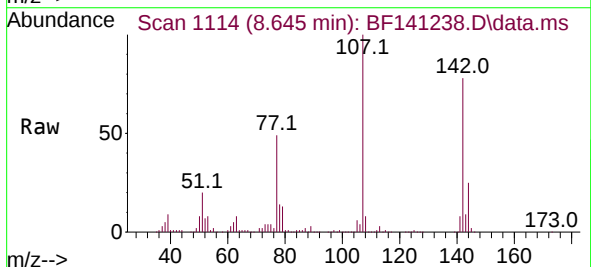
Instrument :
 BNA_F
 ClientSampleId :
 PB166167BS

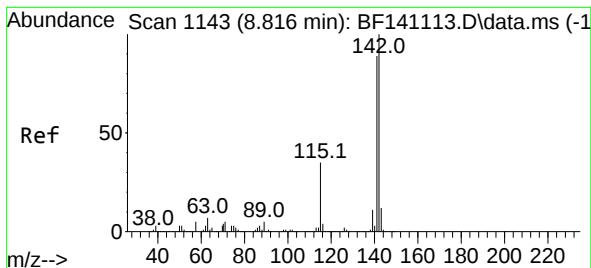
Tgt Ion:113 Resp: 155155
 Ion Ratio Lower Upper
 113 100
 55 156.2 139.7 179.7
 56 119.6 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 51.248 ng
 RT: 8.645 min Scan# 1114
 Delta R.T. -0.006 min
 Lab File: BF141238.D
 Acq: 22 Jan 2025 16:35

Tgt Ion:107 Resp: 516849
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.4 30.6
 142 78.4 62.2 93.2





#37

2-Methylnaphthalene

Concen: 49.428 ng

RT: 8.804 min Scan# 1141

Delta R.T. -0.012 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

Instrument :

BNA_F

ClientSampleId :

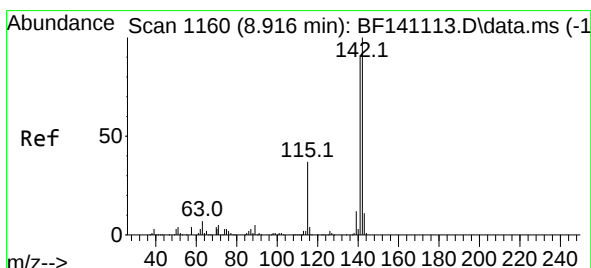
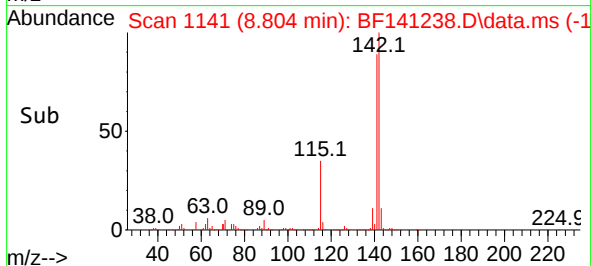
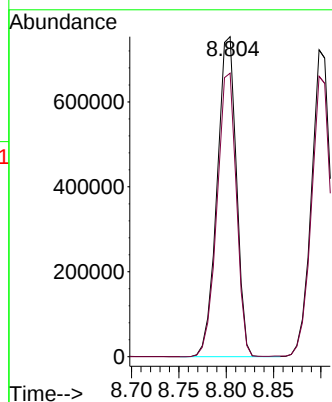
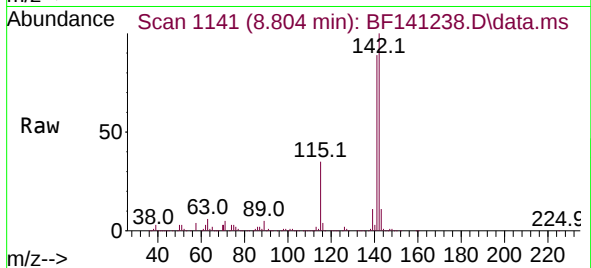
PB166167BS

Tgt Ion:142 Resp: 1069094

Ion Ratio Lower Upper

142 100

141 88.6 71.3 106.9



#38

1-Methylnaphthalene

Concen: 47.044 ng

RT: 8.898 min Scan# 1157

Delta R.T. -0.018 min

Lab File: BF141238.D

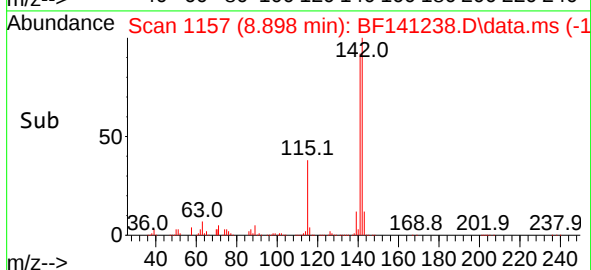
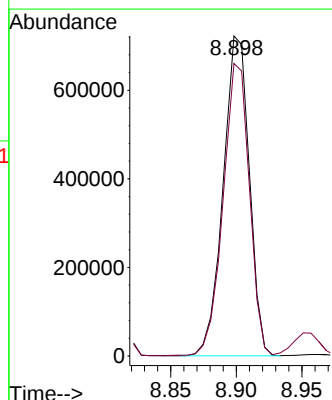
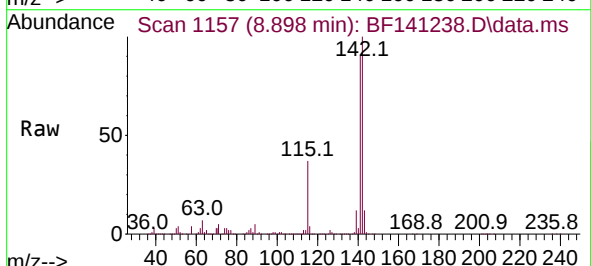
Acq: 22 Jan 2025 16:35

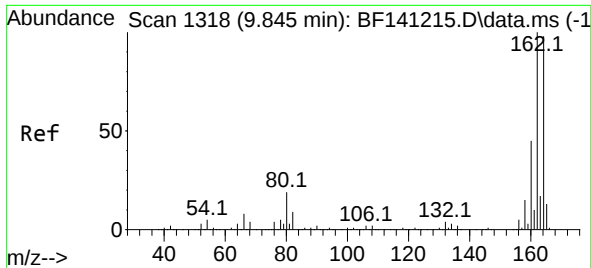
Tgt Ion:142 Resp: 1002794

Ion Ratio Lower Upper

142 100

141 91.4 73.1 109.7

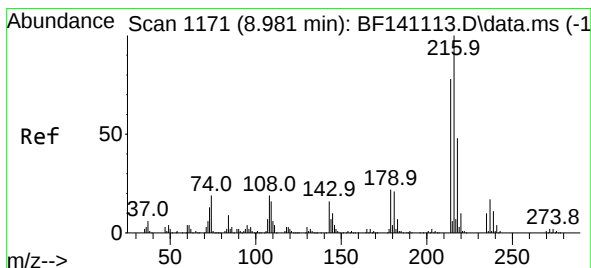
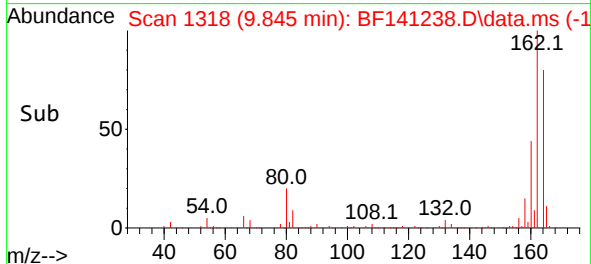
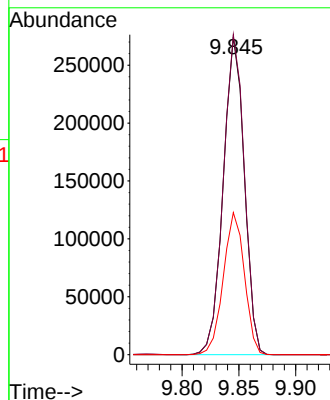
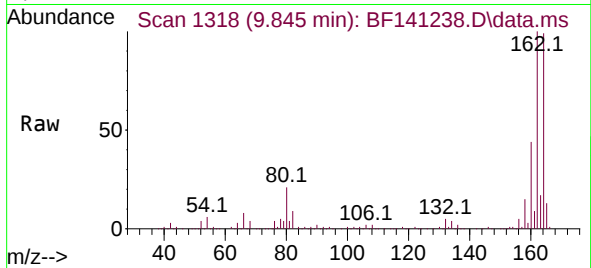




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. -0.018 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

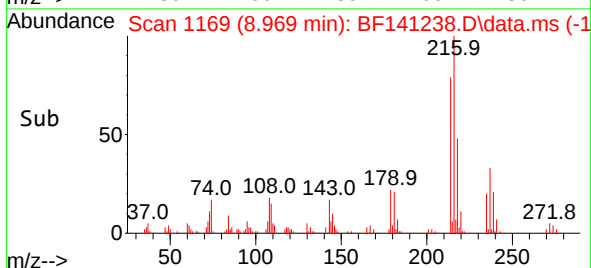
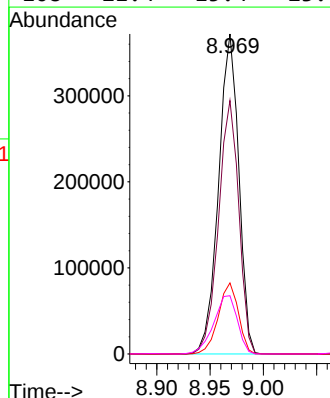
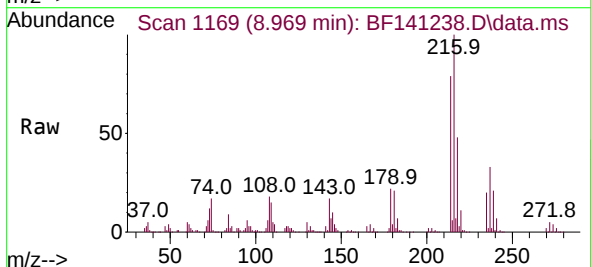
Instrument :
BNA_F
ClientSampleId :
PB166167BS

Tgt Ion:164 Resp: 354213
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 44.8 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.162 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion:216 Resp: 489644
Ion Ratio Lower Upper
216 100
214 79.2 62.6 94.0
179 22.1 17.7 26.5
108 21.4 15.4 23.0

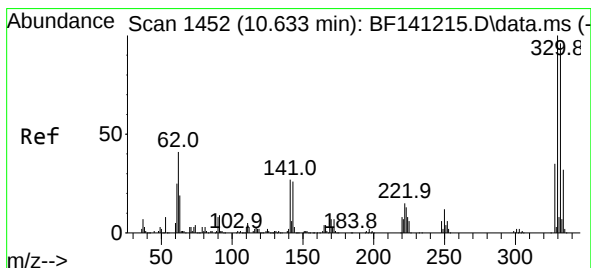
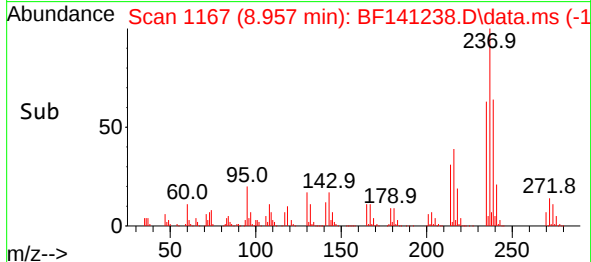
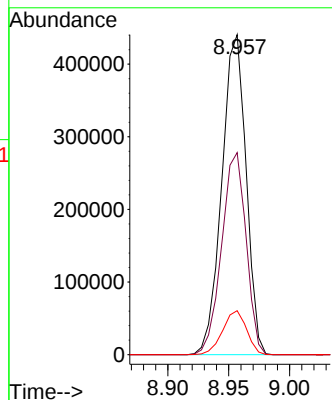
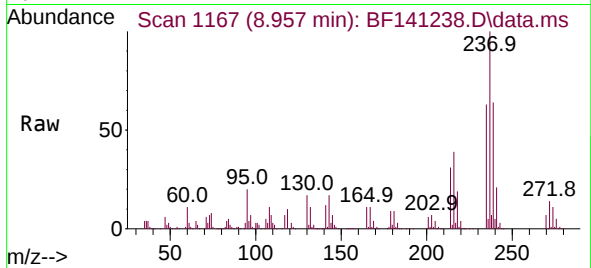




#41
Hexachlorocyclopentadiene
Concen: 183.943 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

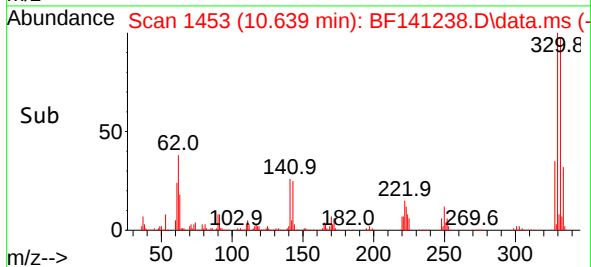
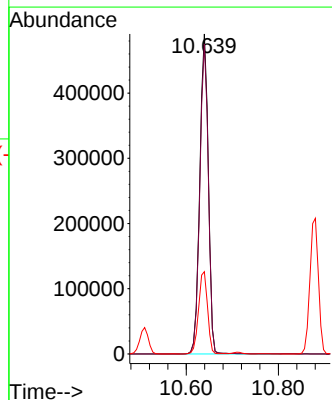
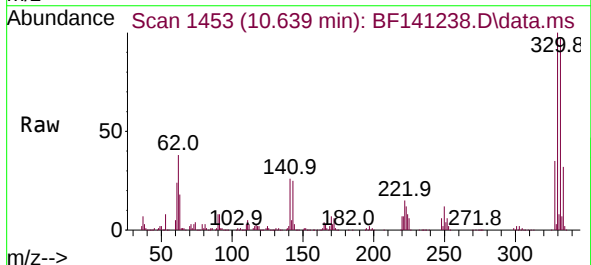
Instrument :
BNA_F
ClientSampleId :
PB166167BS

Tgt Ion:237 Resp: 611826
Ion Ratio Lower Upper
237 100
235 63.2 43.0 83.0
272 13.7 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 156.341 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion:330 Resp: 630996
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 27.0 25.2 37.8

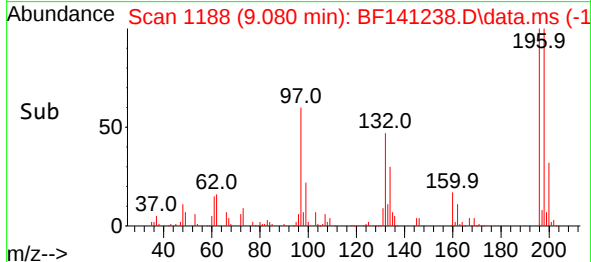
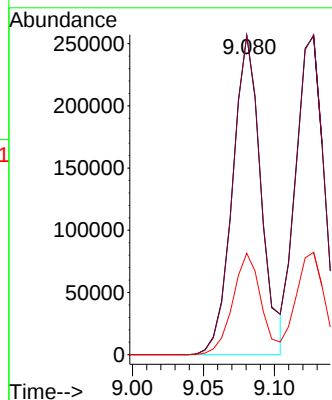
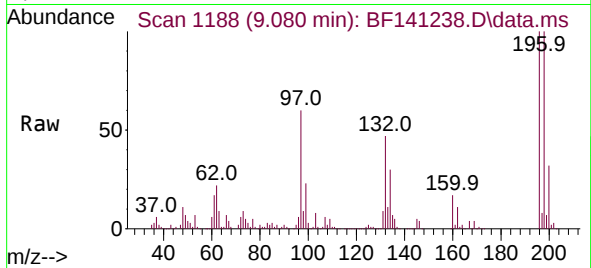




#43
2,4,6-Trichlorophenol
Concen: 52.111 ng
RT: 9.080 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

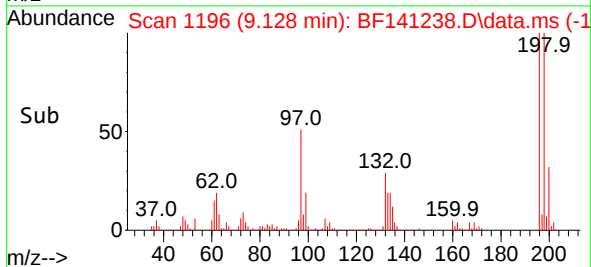
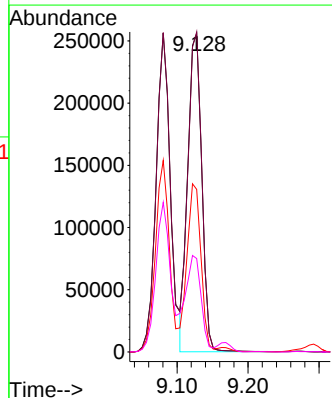
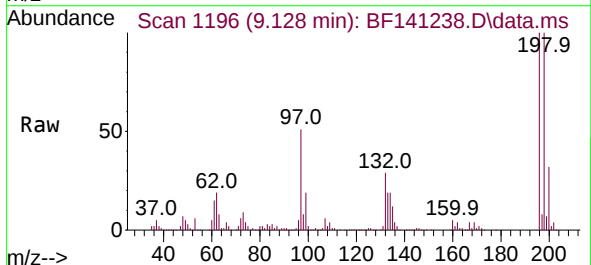
Instrument :
BNA_F
ClientSampleId :
PB166167BS

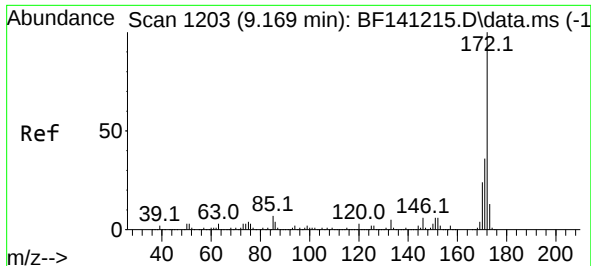
Tgt Ion:196 Resp: 357311
Ion Ratio Lower Upper
196 100
198 100.2 80.8 121.2
200 31.8 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 48.494 ng
RT: 9.128 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion:196 Resp: 351171
Ion Ratio Lower Upper
196 100
198 100.4 80.6 120.8
97 51.0 43.1 64.7
132 29.3 24.3 36.5

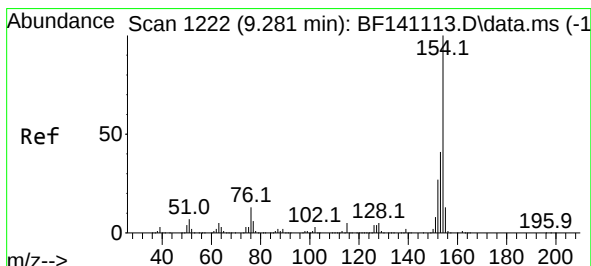
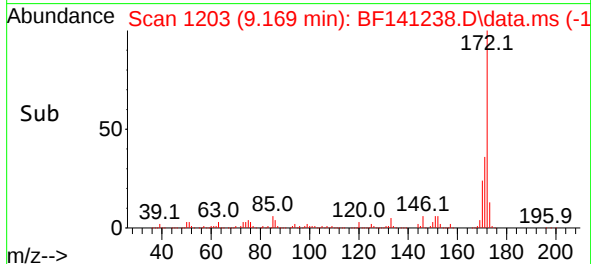
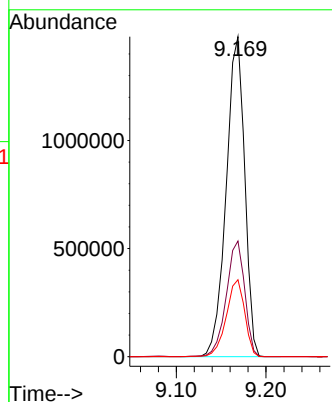
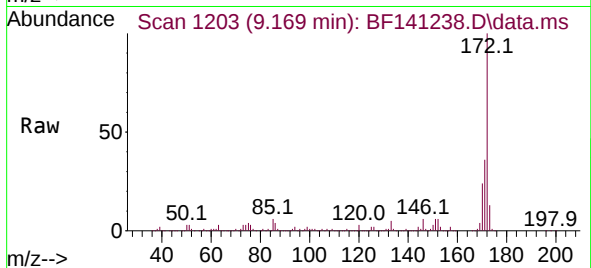




#45
2-Fluorobiphenyl
Concen: 91.308 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

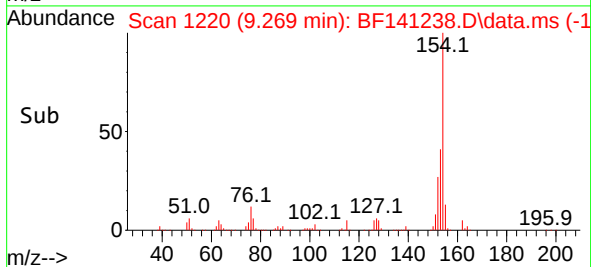
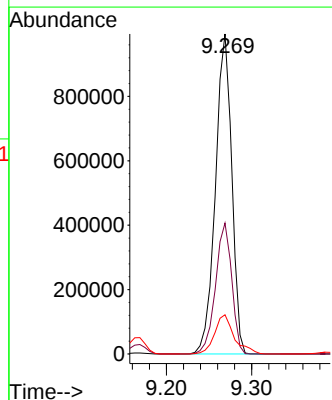
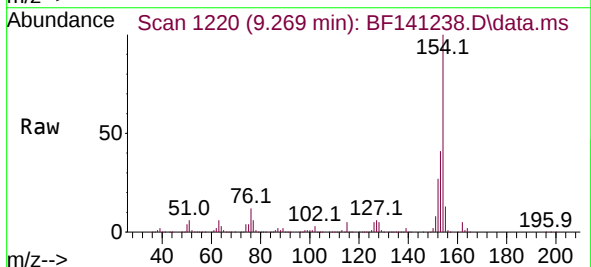
Instrument :
BNA_F
ClientSampleId :
PB166167BS

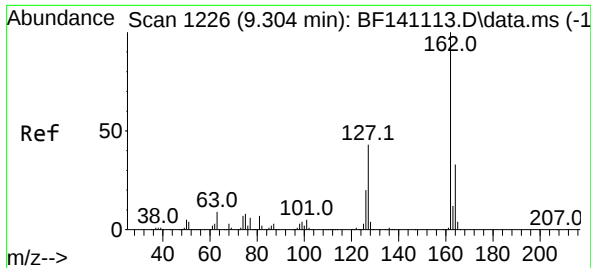
Tgt Ion:172 Resp: 2117989
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.1 19.0 28.6



#46
1,1'-Biphenyl
Concen: 47.958 ng
RT: 9.269 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion:154 Resp: 1319228
Ion Ratio Lower Upper
154 100
153 40.9 20.7 60.7
76 12.3 0.0 33.1

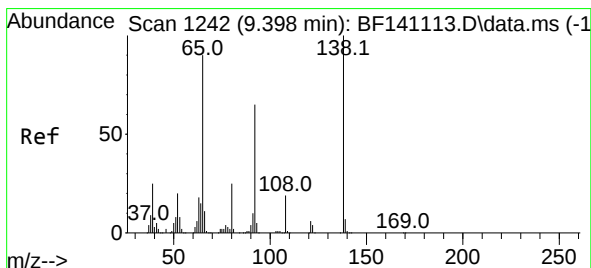
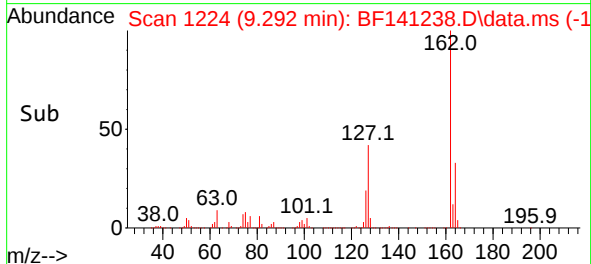
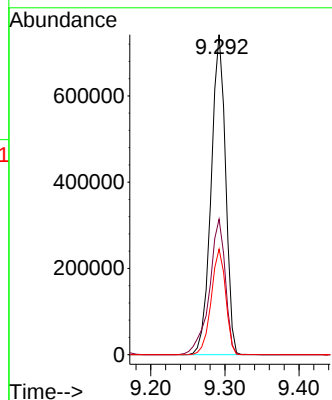
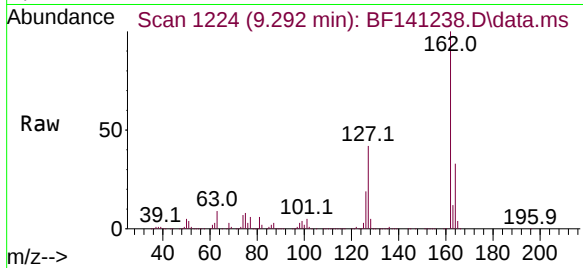




#47
2-Chloronaphthalene
Concen: 46.799 ng
RT: 9.292 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

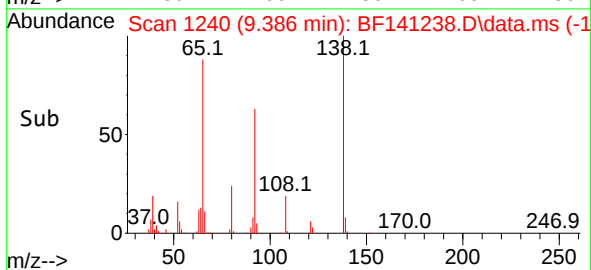
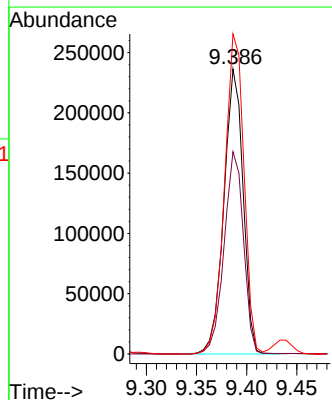
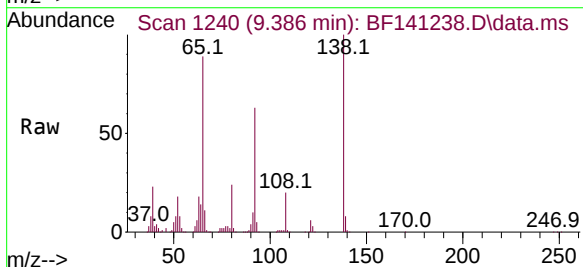
Instrument :
BNA_F
ClientSampleId :
PB166167BS

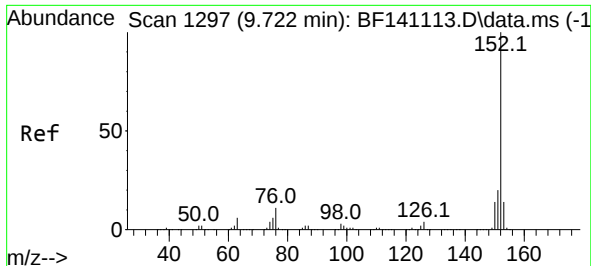
Tgt Ion:162 Resp: 1002677
Ion Ratio Lower Upper
162 100
127 42.4 34.6 51.8
164 33.0 26.5 39.7



#48
2-Nitroaniline
Concen: 49.556 ng
RT: 9.386 min Scan# 1240
Delta R.T. -0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion: 65 Resp: 314737
Ion Ratio Lower Upper
65 100
92 71.0 58.3 87.5
138 112.4 89.1 133.7





#49

Acenaphthylene

Concen: 51.052 ng

RT: 9.710 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

Instrument :

BNA_F

ClientSampleId :

PB166167BS

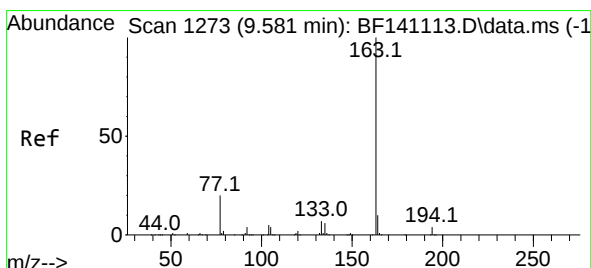
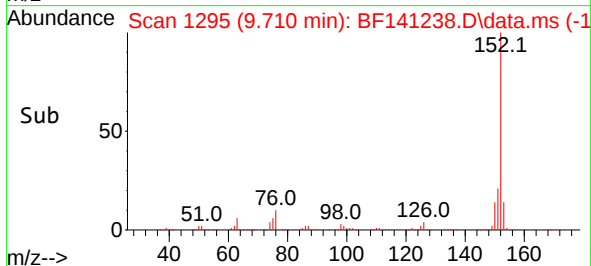
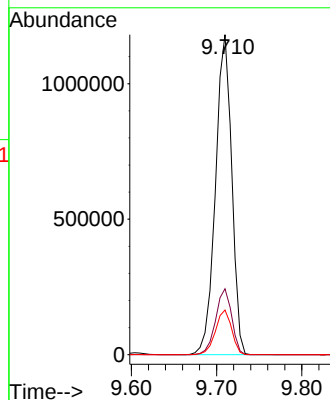
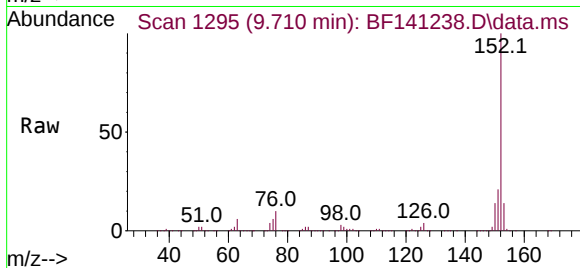
Tgt Ion:152 Resp: 1562729

Ion Ratio Lower Upper

152 100

151 20.6 16.1 24.1

153 13.9 11.1 16.7



#50

Dimethylphthalate

Concen: 50.421 ng

RT: 9.575 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

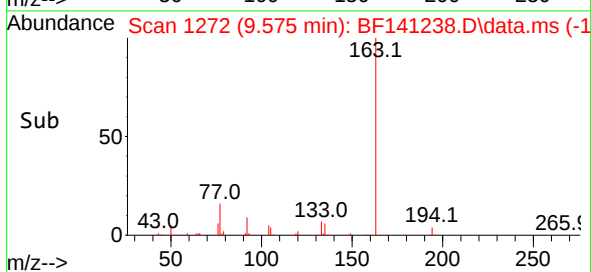
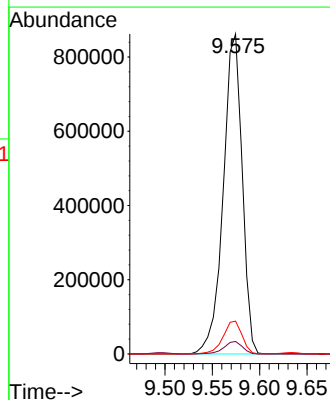
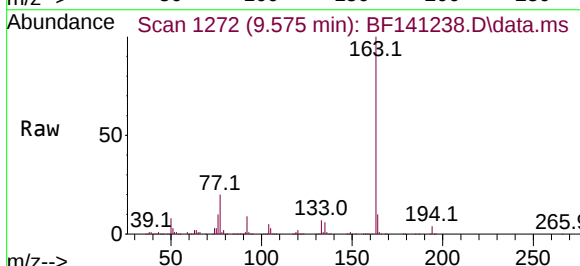
Tgt Ion:163 Resp: 1198998

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.3 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 48.658 ng

RT: 9.633 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

Instrument :

BNA_F

ClientSampleId :

PB166167BS

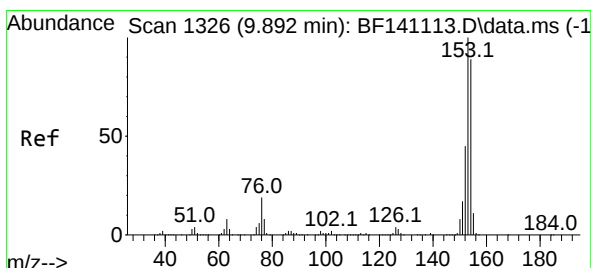
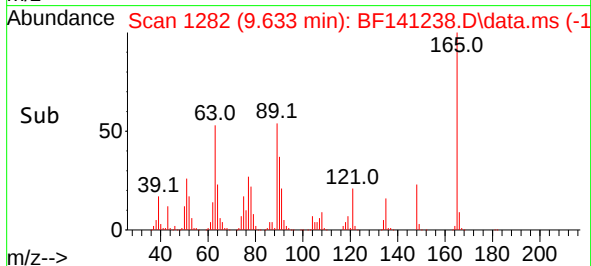
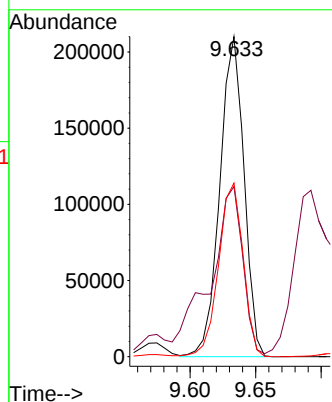
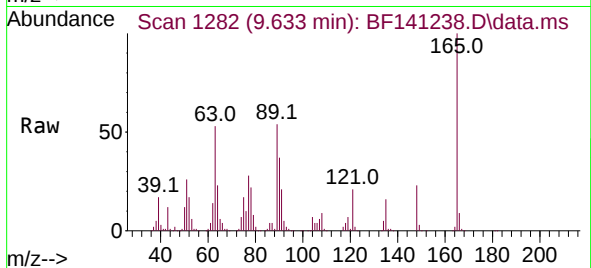
Tgt Ion:165 Resp: 269075

Ion Ratio Lower Upper

165 100

63 53.2 42.3 63.5

89 54.3 43.1 64.7



#52

Acenaphthene

Concen: 54.507 ng

RT: 9.880 min Scan# 1324

Delta R.T. -0.012 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

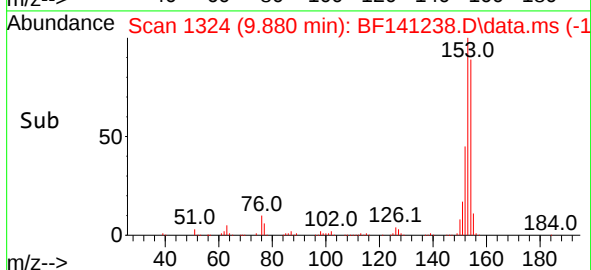
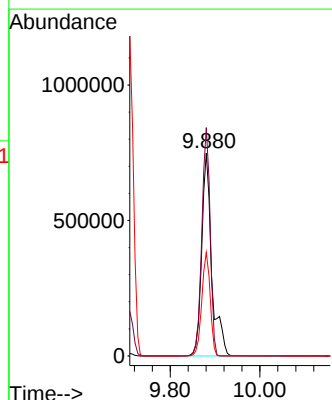
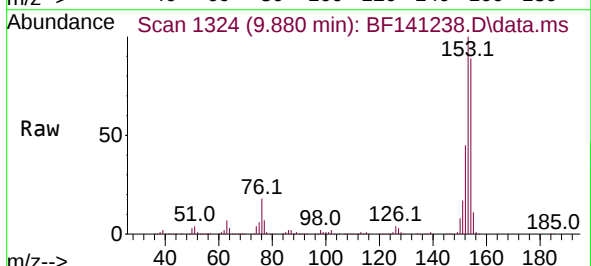
Tgt Ion:154 Resp: 1165701

Ion Ratio Lower Upper

154 100

153 112.6 89.8 134.6

152 51.0 40.8 61.2

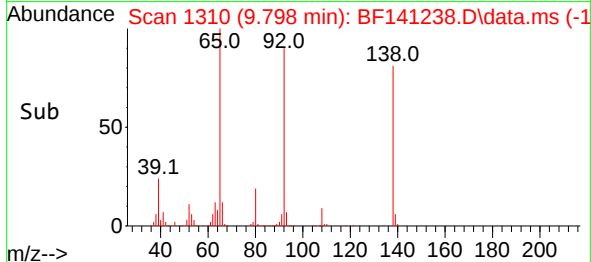
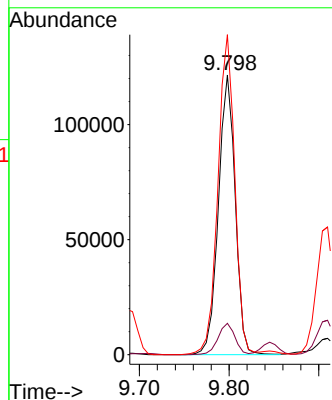
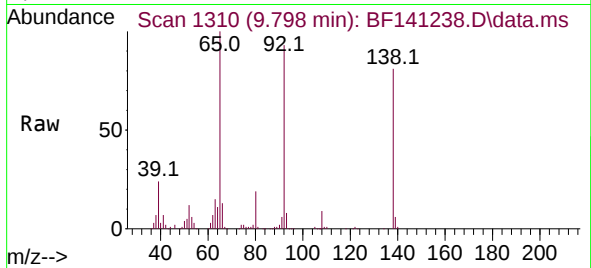




#53
3-Nitroaniline
Concen: 28.161 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

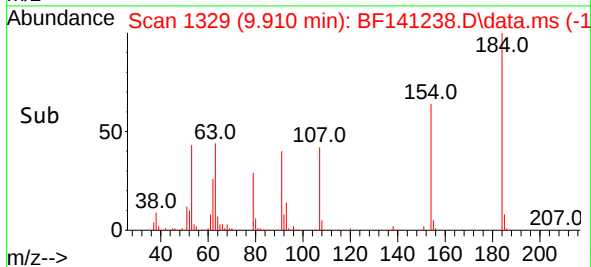
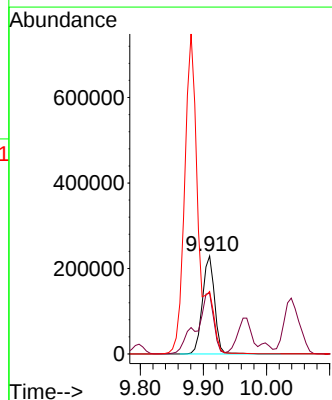
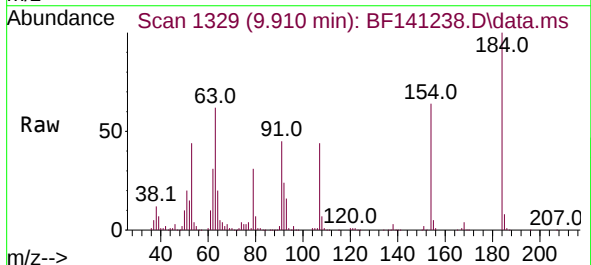
Instrument :
BNA_F
ClientSampleId :
PB166167BS

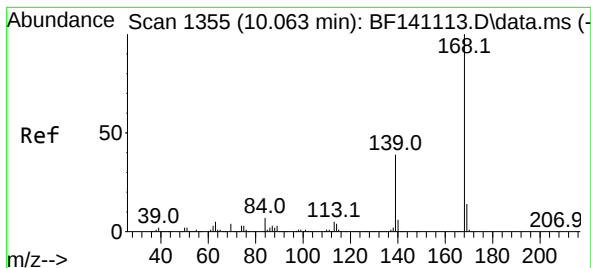
Tgt Ion:138 Resp: 158248
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 114.4 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 116.646 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion:184 Resp: 306600
Ion Ratio Lower Upper
184 100
63 61.9 48.7 73.1
154 63.6 57.1 85.7

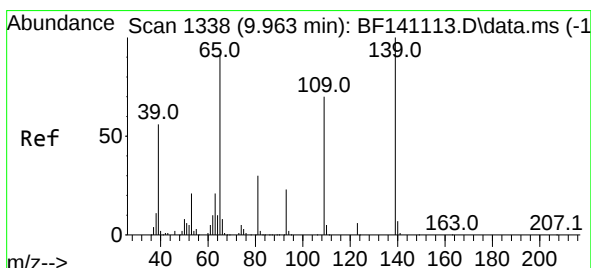
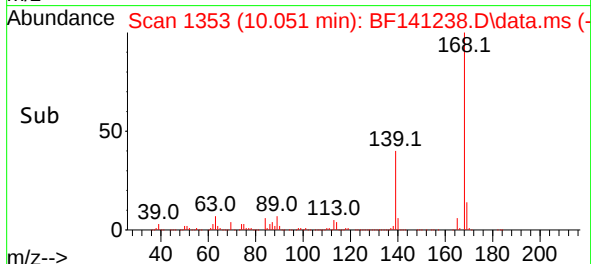
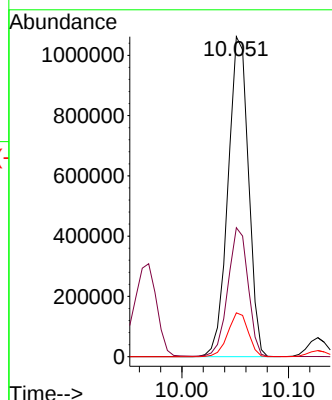
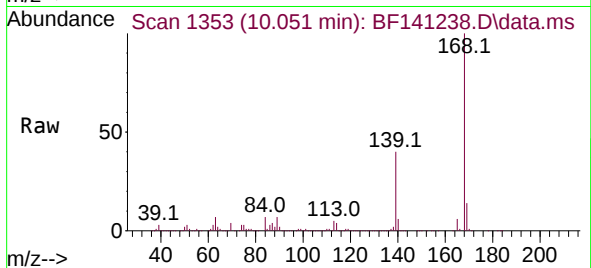




#55
Dibenzenofuran
Concen: 48.658 ng
RT: 10.051 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

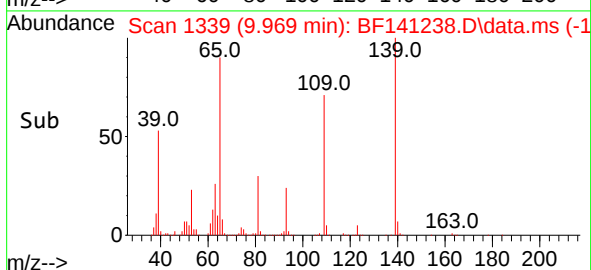
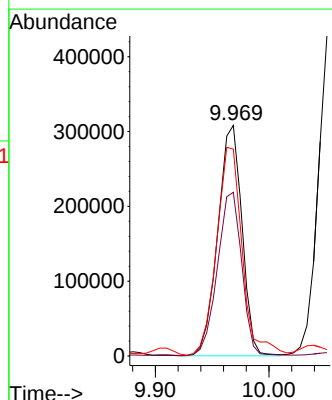
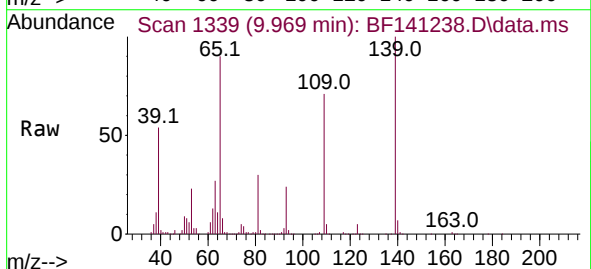
Instrument :
BNA_F
ClientSampleId :
PB166167BS

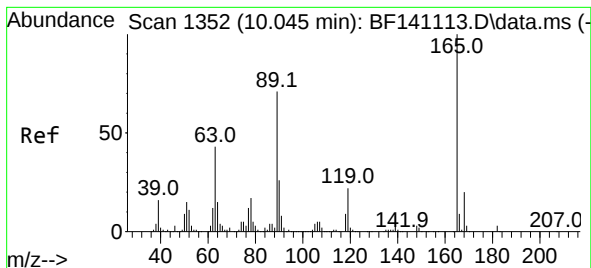
Tgt Ion:168 Resp: 1415430
Ion Ratio Lower Upper
168 100
139 40.3 31.4 47.0
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 103.584 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion:139 Resp: 455874
Ion Ratio Lower Upper
139 100
109 71.0 50.2 90.2
65 89.7 72.1 112.1

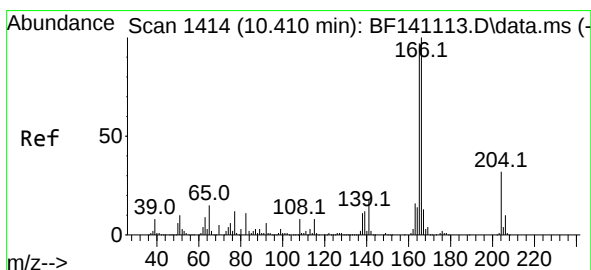
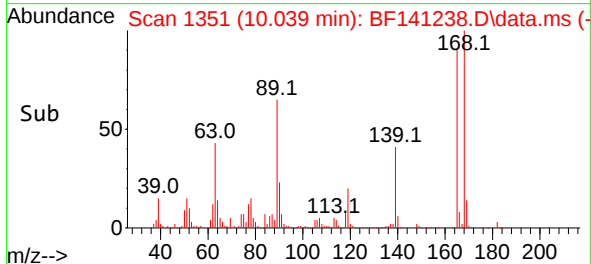
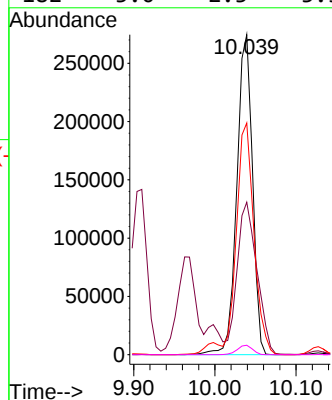
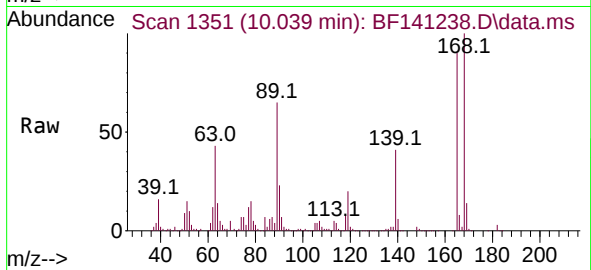




#57
2,4-Dinitrotoluene
Concen: 51.332 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

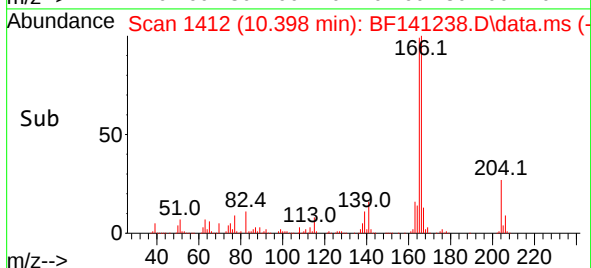
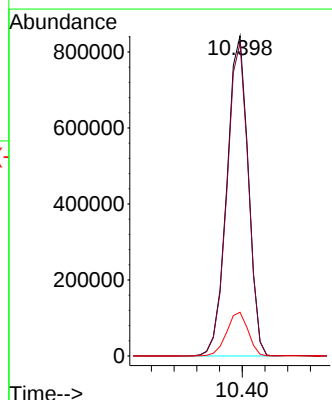
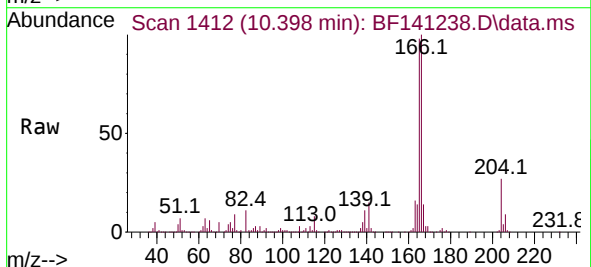
Instrument :
BNA_F
ClientSampleId :
PB166167BS

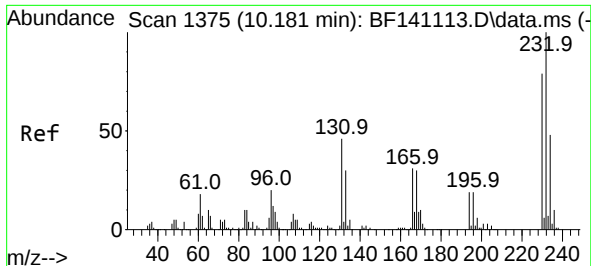
Tgt Ion:165 Resp: 365821
Ion Ratio Lower Upper
165 100
63 47.6 35.0 52.4
89 72.4 56.7 85.1
182 3.0 2.3 3.5



#58
Fluorene
Concen: 48.686 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion:166 Resp: 1100277
Ion Ratio Lower Upper
166 100
165 97.9 77.8 116.8
167 13.6 10.8 16.2

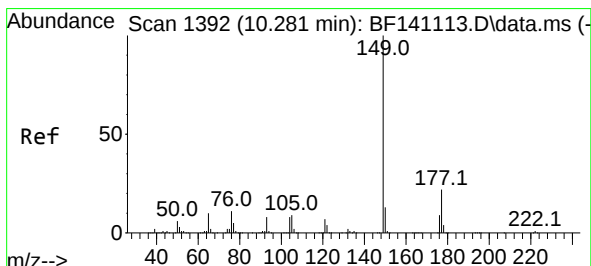
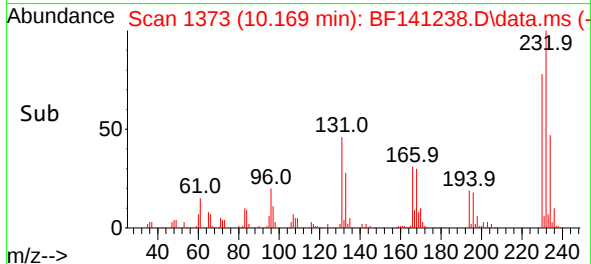
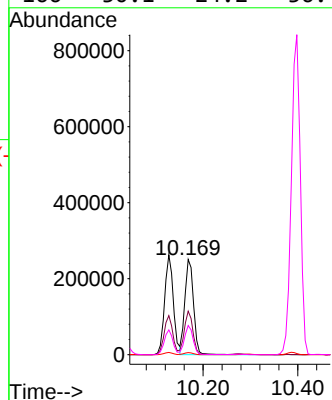
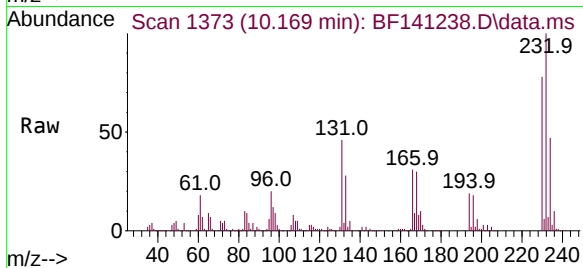




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.023 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

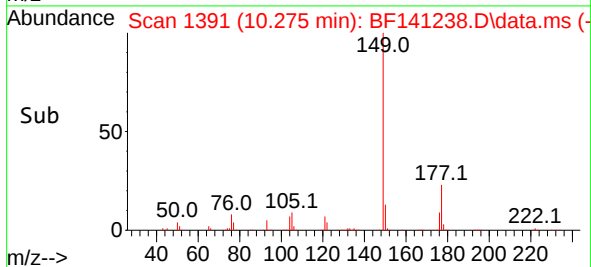
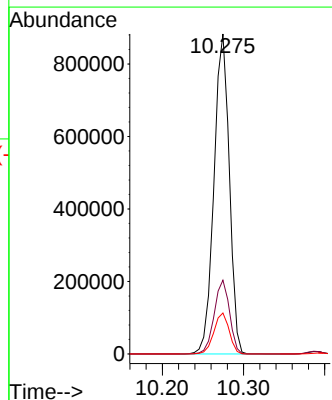
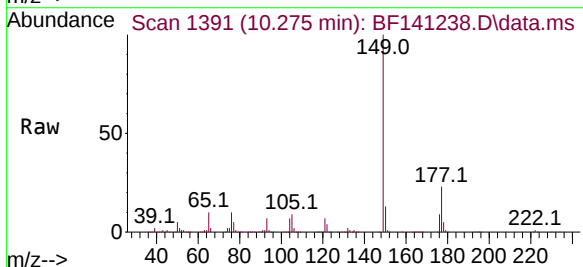
Instrument :
BNA_F
ClientSampleId :
PB166167BS

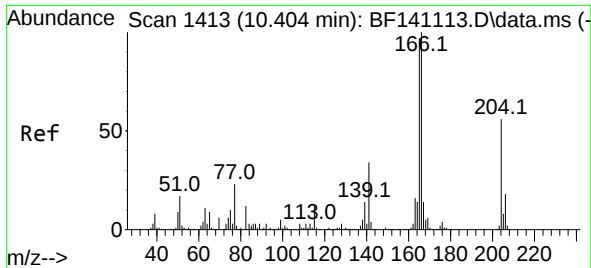
Tgt Ion:232 Resp: 319163
Ion Ratio Lower Upper
232 100
131 45.5 36.2 54.4
130 2.3 2.0 3.0
166 30.1 24.2 36.4



#60
Diethylphthalate
Concen: 49.888 ng
RT: 10.275 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion:149 Resp: 1158157
Ion Ratio Lower Upper
149 100
177 23.1 17.9 26.9
150 12.8 10.2 15.2

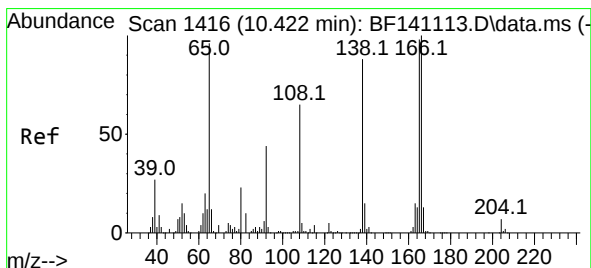
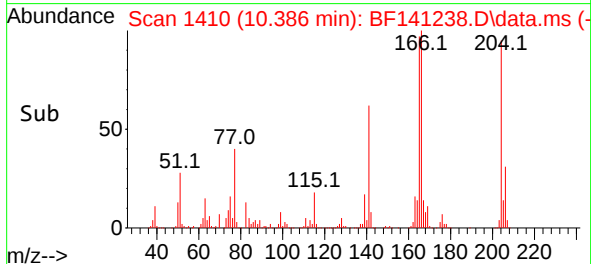
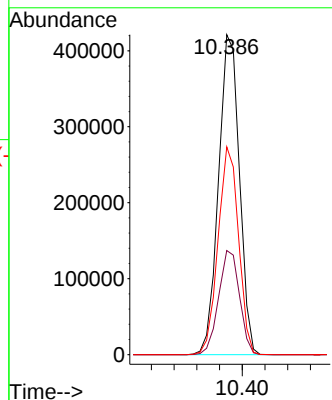
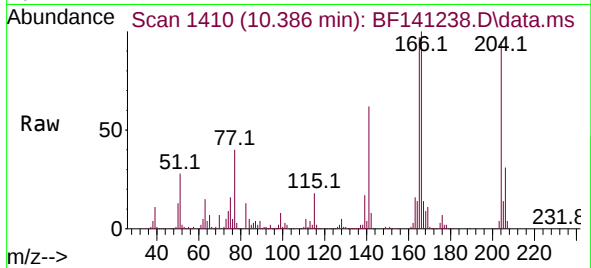




#61
4-Chlorophenyl-phenylether
Concen: 48.850 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

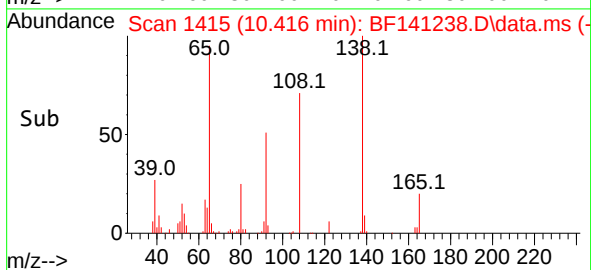
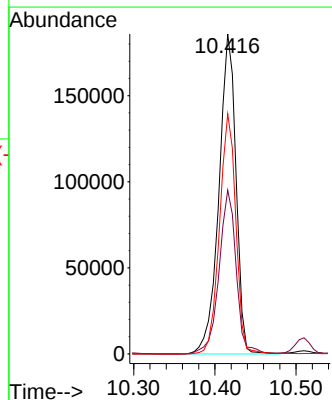
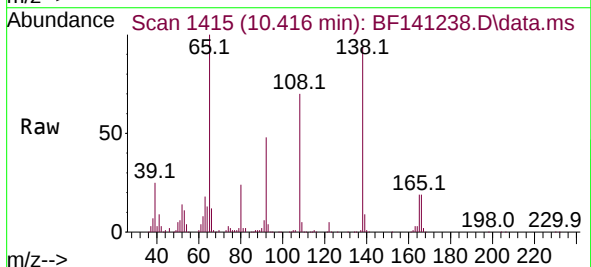
Instrument :
BNA_F
ClientSampleId :
PB166167BS

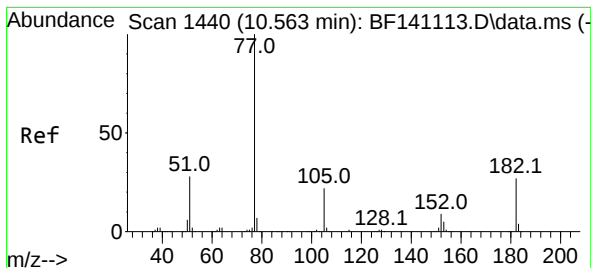
Tgt Ion:204 Resp: 538064
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 64.9 49.1 73.7



#62
4-Nitroaniline
Concen: 49.481 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion:138 Resp: 272151
Ion Ratio Lower Upper
138 100
92 51.2 29.4 69.4
108 75.0 53.7 93.7





#63

Azobenzene

Concen: 48.899 ng

RT: 10.551 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

Instrument :

BNA_F

ClientSampleId :

PB166167BS

Tgt Ion: 77 Resp: 1120129

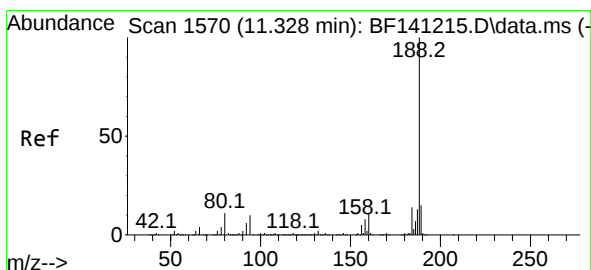
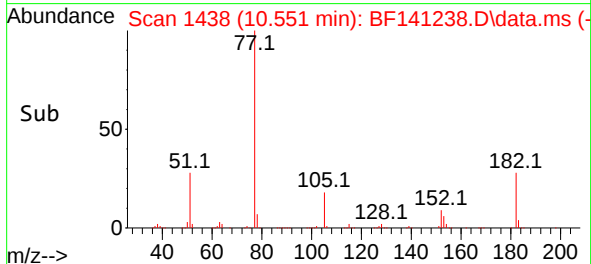
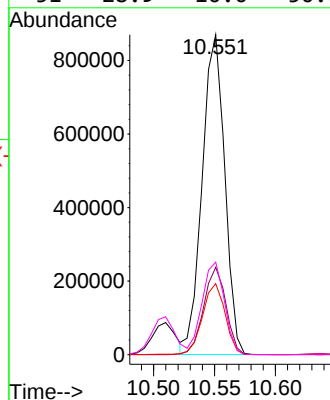
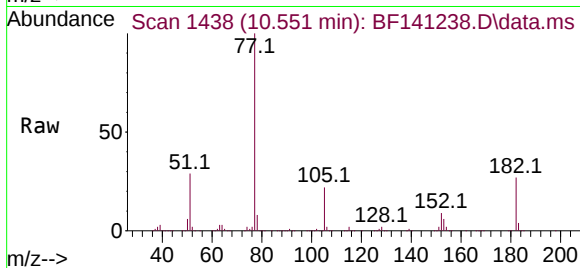
Ion Ratio Lower Upper

77 100

182 27.3 6.1 46.1

105 22.2 2.1 42.1

51 28.9 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: BF141238.D

Acq: 22 Jan 2025 16:35

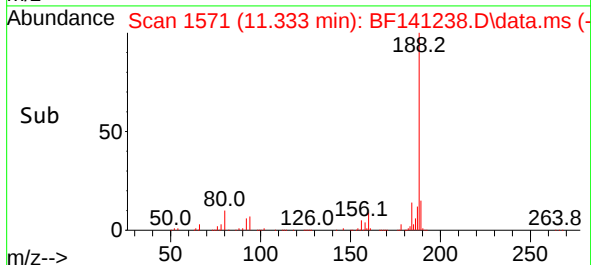
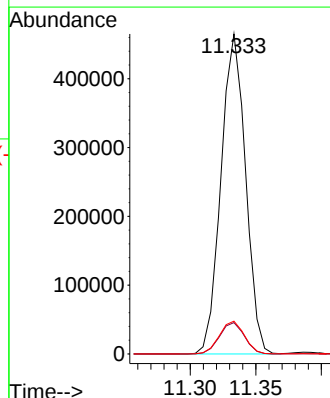
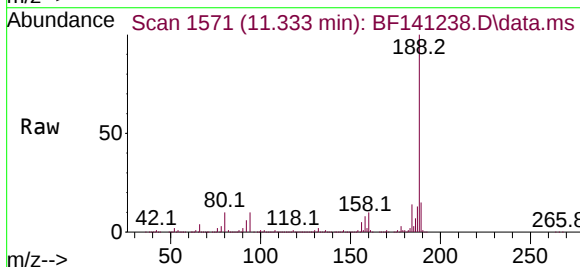
Tgt Ion: 188 Resp: 605908

Ion Ratio Lower Upper

188 100

94 9.8 8.3 12.5

80 10.2 9.0 13.4

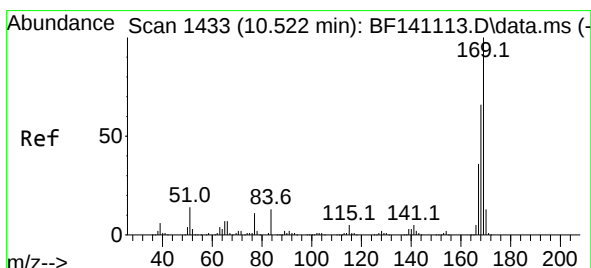
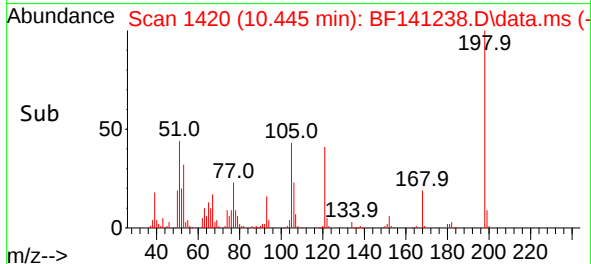
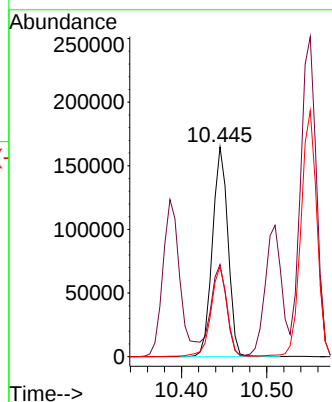
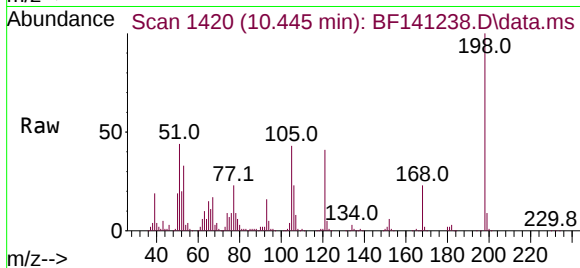




#65
4,6-Dinitro-2-methylphenol
Concen: 59.438 ng
RT: 10.445 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

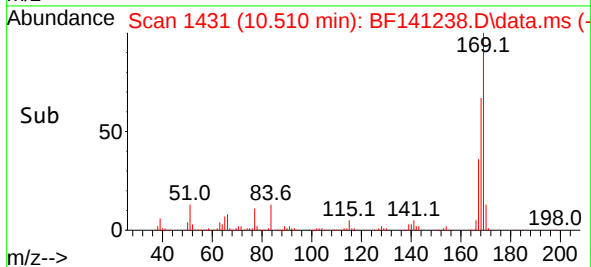
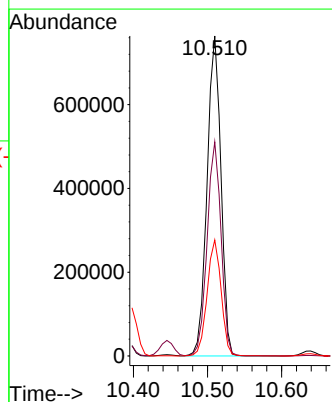
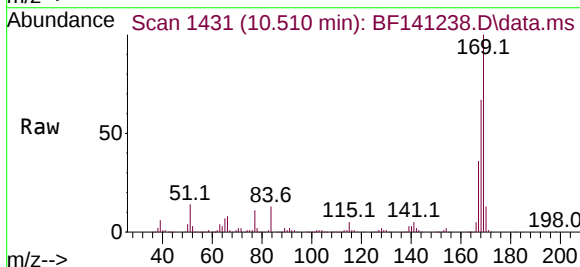
Instrument :
BNA_F
ClientSampleId :
PB166167BS

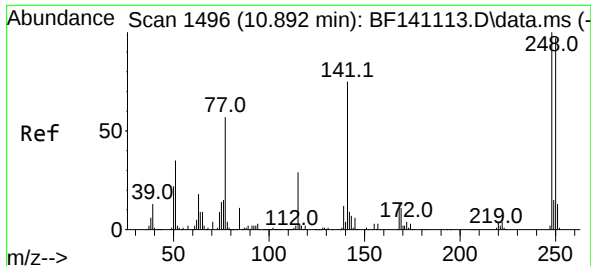
Tgt Ion:198 Resp: 208689
Ion Ratio Lower Upper
198 100
51 43.9 27.1 67.1
105 43.0 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 50.857 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion:169 Resp: 993901
Ion Ratio Lower Upper
169 100
168 66.9 52.5 78.7
167 36.2 28.9 43.3

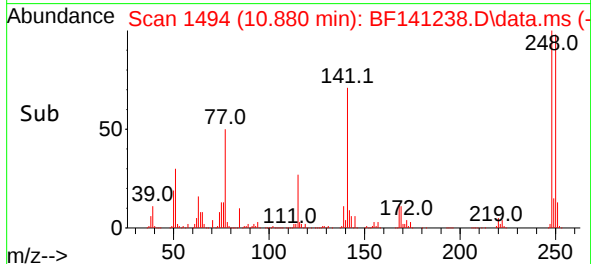
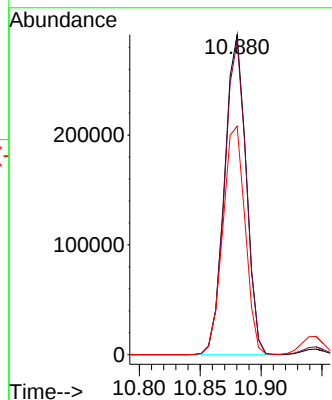
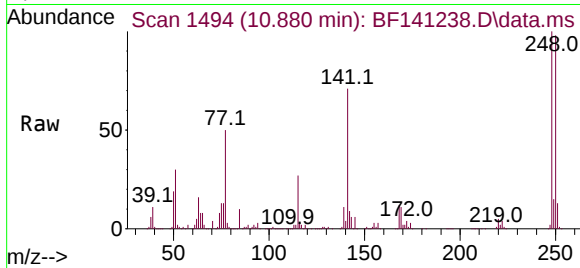




#67
4-Bromophenyl-phenylether
Concen: 51.535 ng
RT: 10.880 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

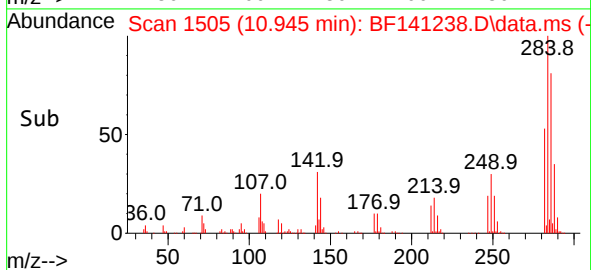
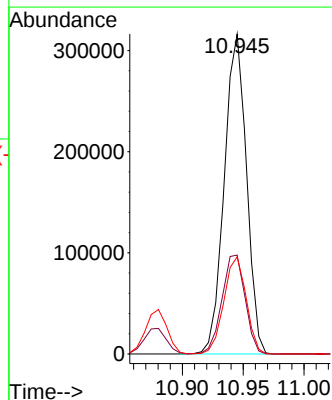
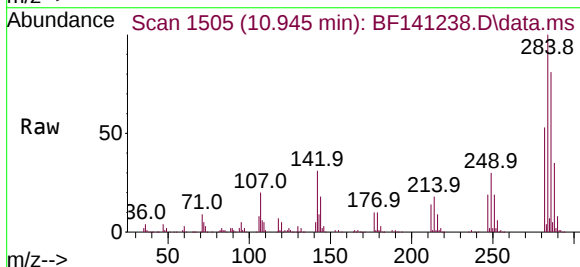
Instrument :
BNA_F
ClientSampleId :
PB166167BS

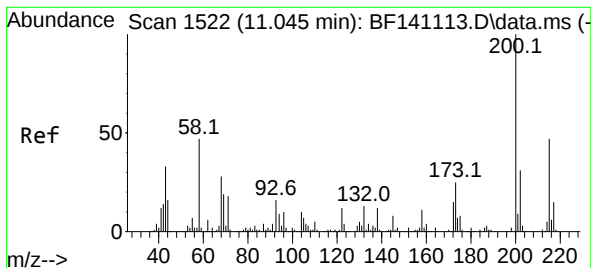
Tgt Ion:248 Resp: 359499
Ion Ratio Lower Upper
248 100
250 98.0 77.9 116.9
141 71.4 59.9 89.9



#68
Hexachlorobenzene
Concen: 51.642 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion:284 Resp: 401018
Ion Ratio Lower Upper
284 100
142 30.9 26.3 39.5
249 30.3 24.9 37.3





#69

Atrazine

Concen: 65.215 ng

RT: 11.039 min Scan# 1521

Delta R.T. -0.006 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

Instrument :

BNA_F

ClientSampleId :

PB166167BS

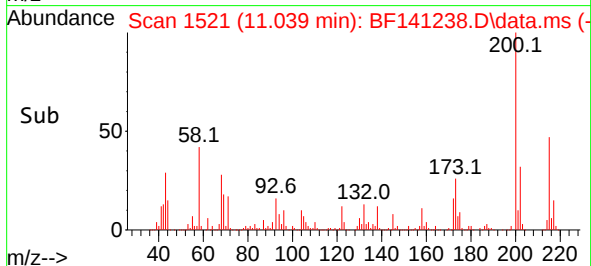
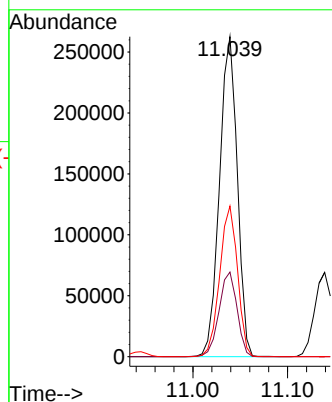
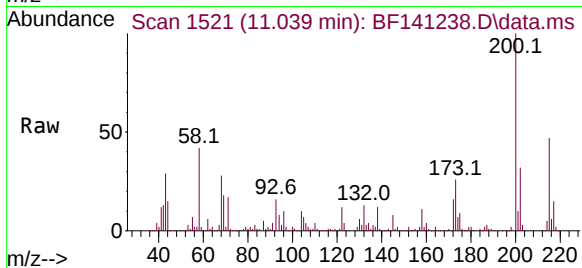
Tgt Ion:200 Resp: 343172

Ion Ratio Lower Upper

200 100

173 26.5 5.4 45.4

215 47.1 26.6 66.6



#70

Pentachlorophenol

Concen: 100.907 ng

RT: 11.139 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

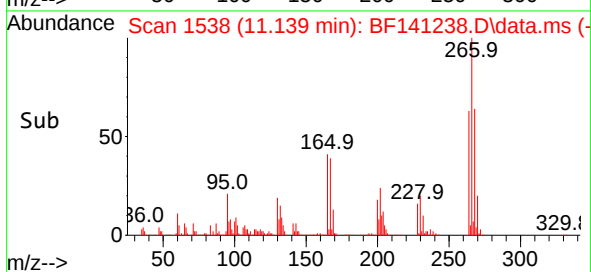
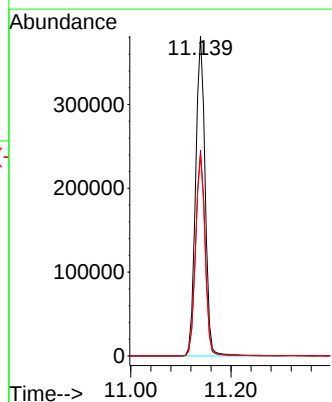
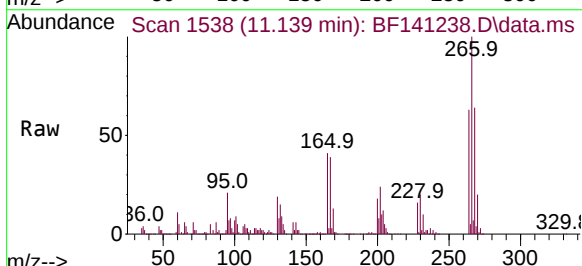
Tgt Ion:266 Resp: 501808

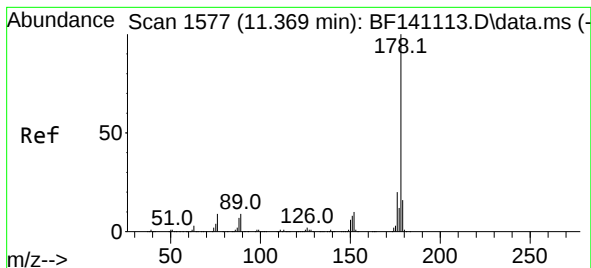
Ion Ratio Lower Upper

266 100

268 64.3 50.4 75.6

264 62.7 50.2 75.2





#71

Phenanthrene

Concen: 51.283 ng

RT: 11.357 min Scan# 1575

Delta R.T. -0.012 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

Instrument :

BNA_F

ClientSampleId :

PB166167BS

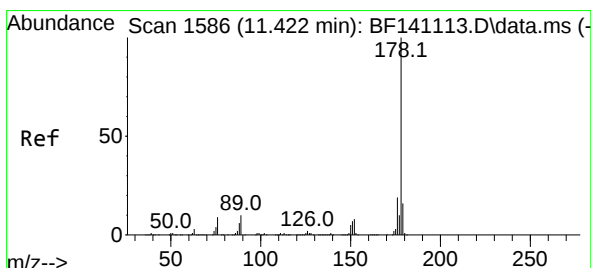
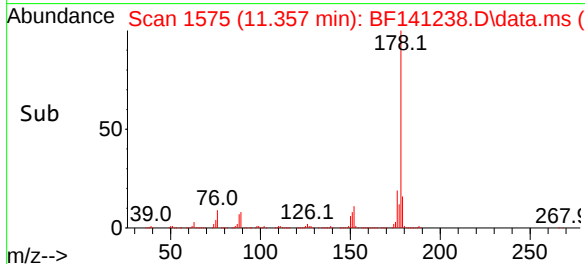
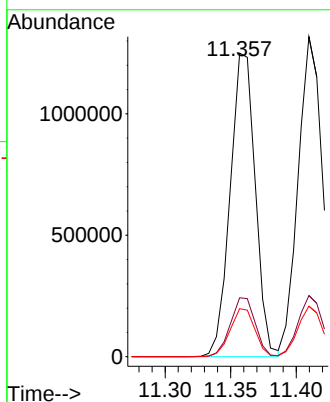
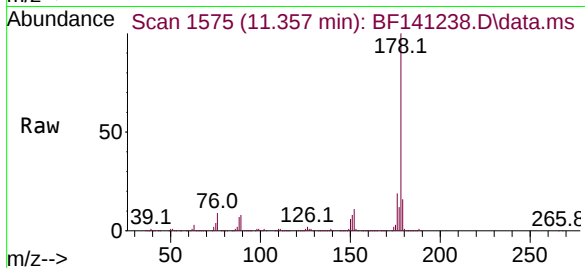
Tgt Ion:178 Resp: 1668196

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

179 15.8 12.6 19.0



#72

Anthracene

Concen: 53.387 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.012 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

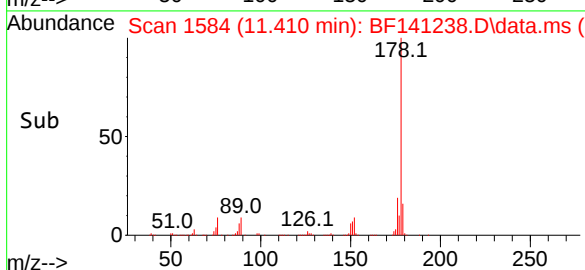
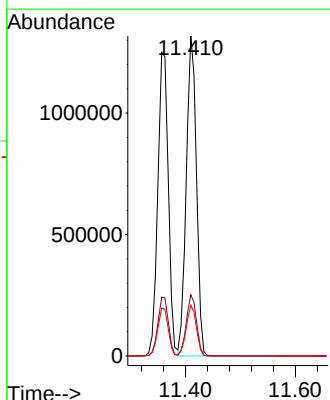
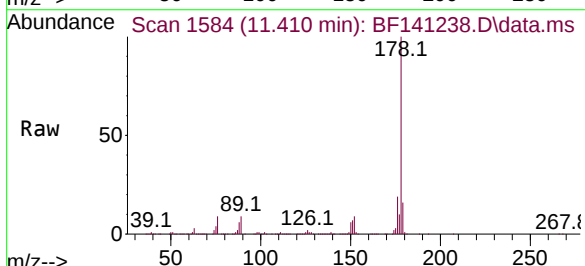
Tgt Ion:178 Resp: 1688615

Ion Ratio Lower Upper

178 100

176 19.1 14.9 22.3

179 15.8 12.6 19.0

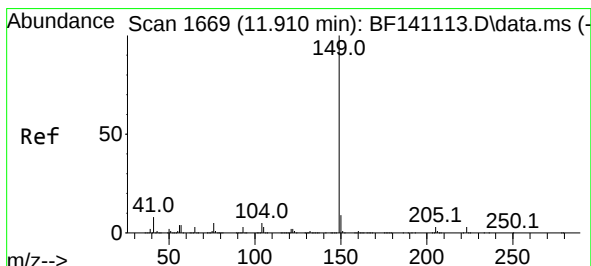
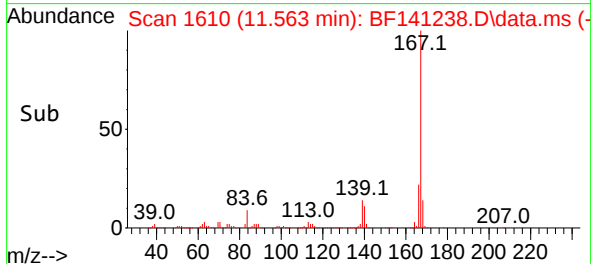
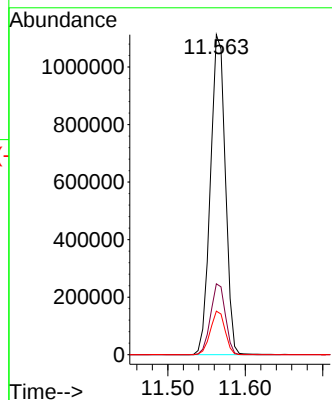
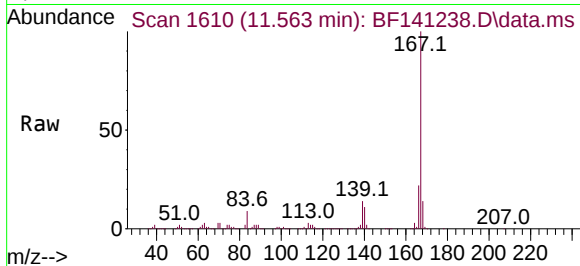




#73
 Carbazole
 Concen: 51.164 ng
 RT: 11.563 min Scan# 1610
 Delta R.T. -0.012 min
 Lab File: BF141238.D
 Acq: 22 Jan 2025 16:35

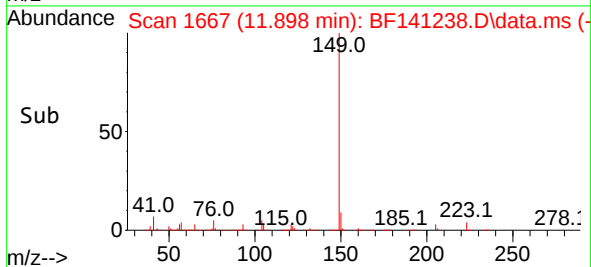
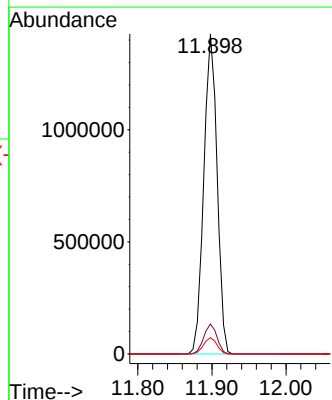
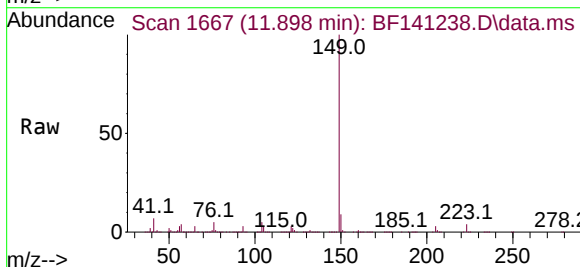
Instrument :
 BNA_F
 ClientSampleId :
 PB166167BS

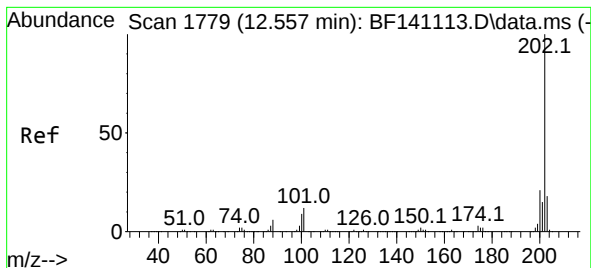
Tgt Ion:167 Resp: 1483880
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.2
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 53.538 ng
 RT: 11.898 min Scan# 1667
 Delta R.T. -0.012 min
 Lab File: BF141238.D
 Acq: 22 Jan 2025 16:35

Tgt Ion:149 Resp: 1776984
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 53.763 ng

RT: 12.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

Instrument :

BNA_F

ClientSampleId :

PB166167BS

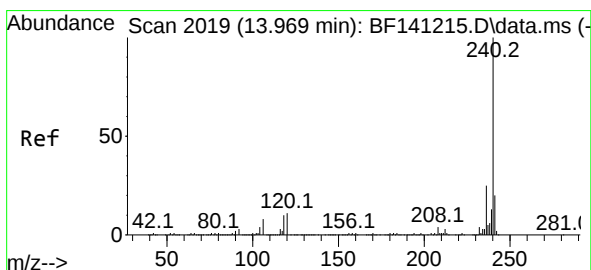
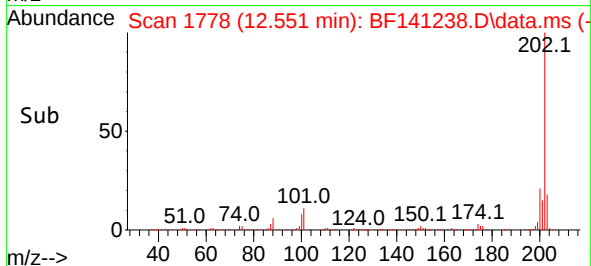
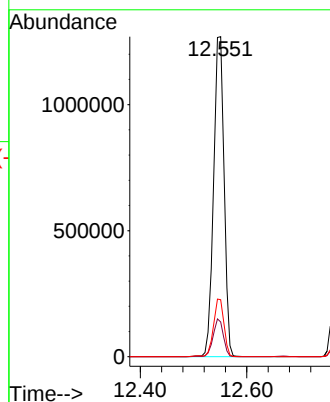
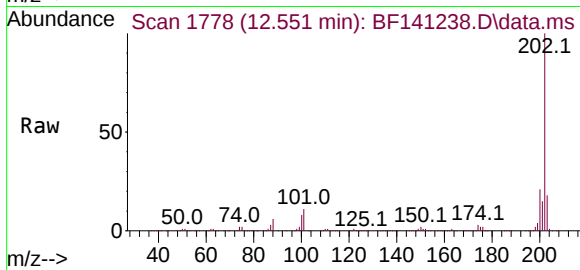
Tgt Ion:202 Resp: 1745216

Ion Ratio Lower Upper

202 100

101 10.8 0.0 32.3

203 17.8 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

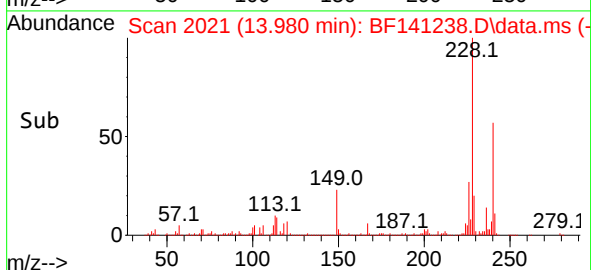
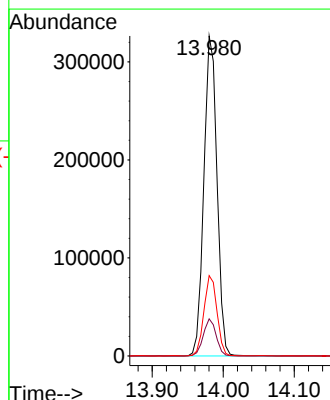
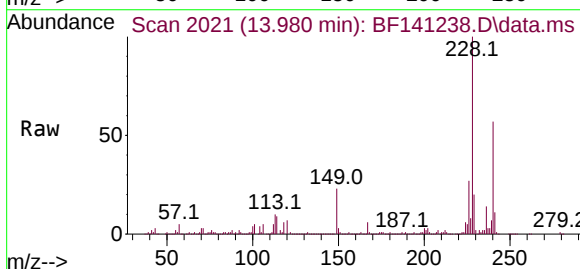
Tgt Ion:240 Resp: 420035

Ion Ratio Lower Upper

240 100

120 11.6 9.1 13.7

236 25.1 19.8 29.6

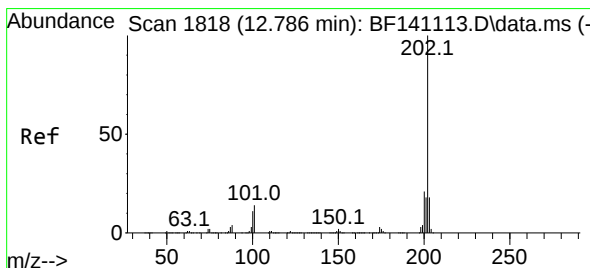
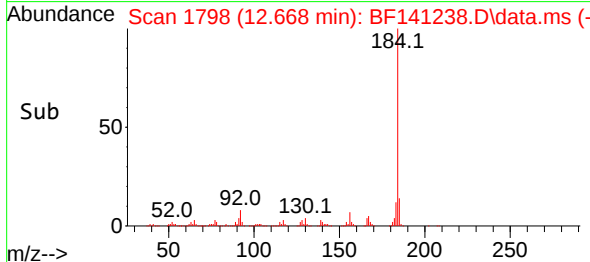
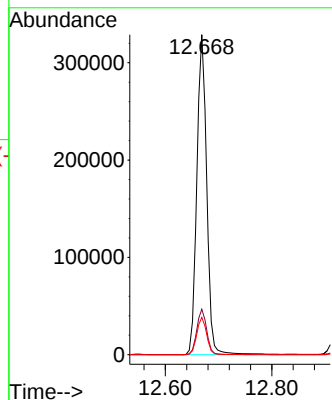
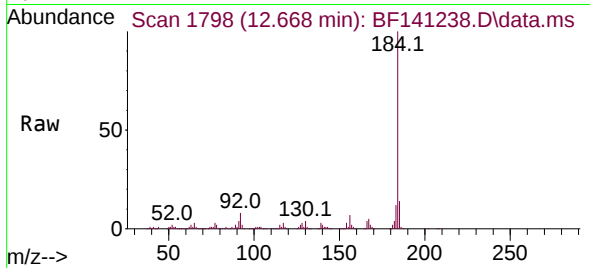




#77
Benzidine
Concen: 54.313 ng
RT: 12.668 min Scan# 1798
Delta R.T. -0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

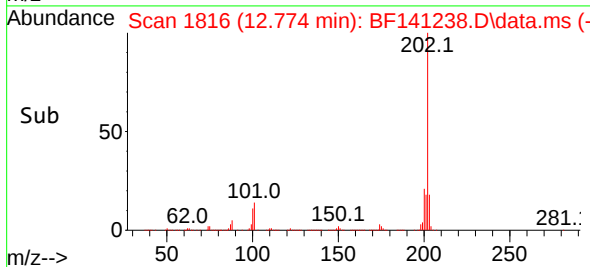
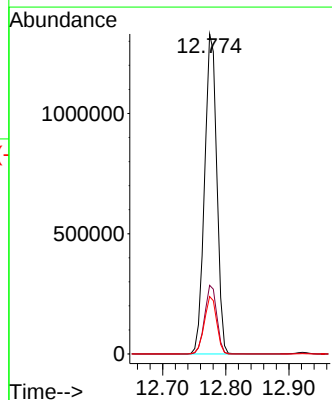
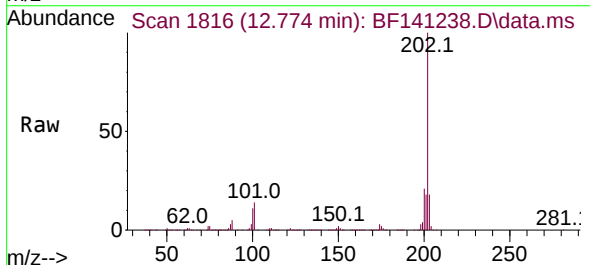
Instrument :
BNA_F
ClientSampleId :
PB166167BS

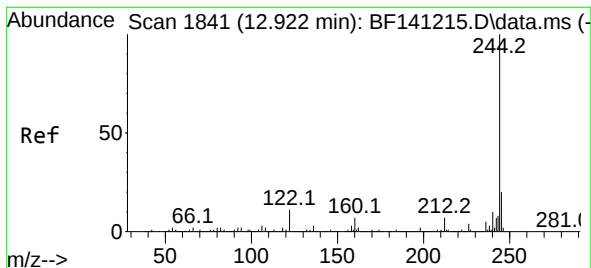
Tgt Ion:184 Resp: 423059
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.0
183 11.7 9.2 13.8



#78
Pyrene
Concen: 44.531 ng
RT: 12.774 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion:202 Resp: 1786540
Ion Ratio Lower Upper
202 100
200 21.4 16.8 25.2
203 17.9 14.3 21.5





#79

Terphenyl-d14

Concen: 90.915 ng

RT: 12.921 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

Instrument :

BNA_F

ClientSampleId :

PB166167BS

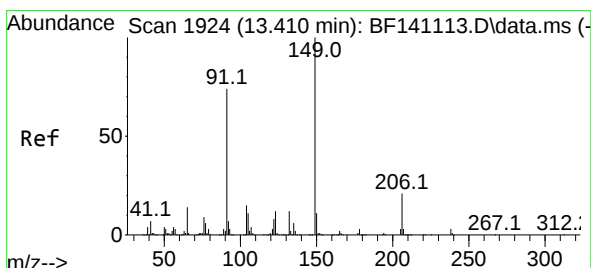
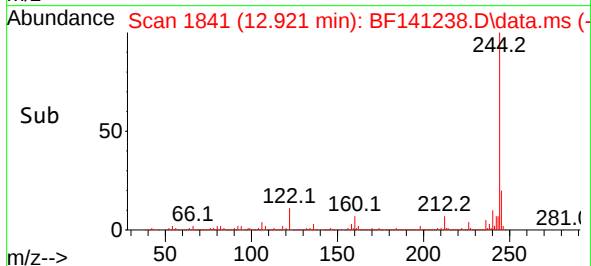
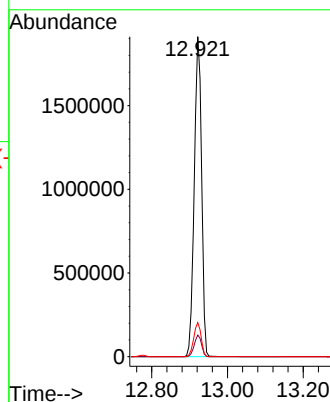
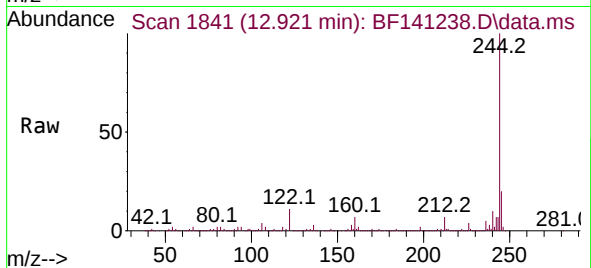
Tgt Ion:244 Resp: 2569292

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.7 8.8 13.2



#80

Butylbenzylphthalate

Concen: 53.536 ng

RT: 13.398 min Scan# 1922

Delta R.T. -0.012 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

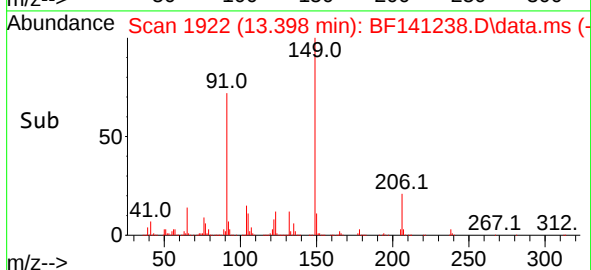
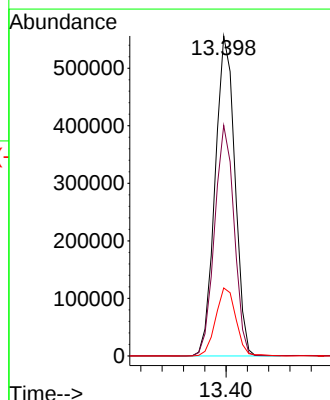
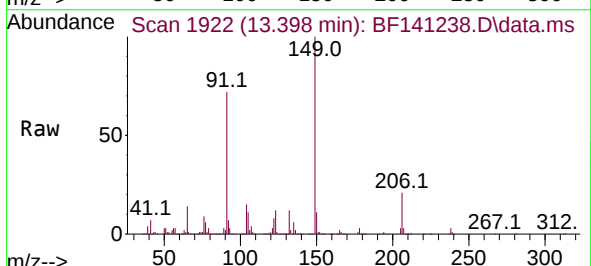
Tgt Ion:149 Resp: 716087

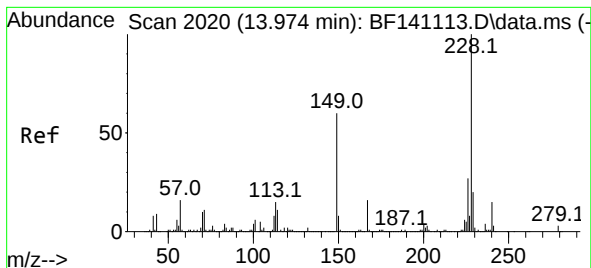
Ion Ratio Lower Upper

149 100

91 72.1 59.0 88.6

206 21.2 16.5 24.7





#81

Benzo(a)anthracene

Concen: 49.685 ng

RT: 13.968 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

Instrument :

BNA_F

ClientSampleId :

PB166167BS

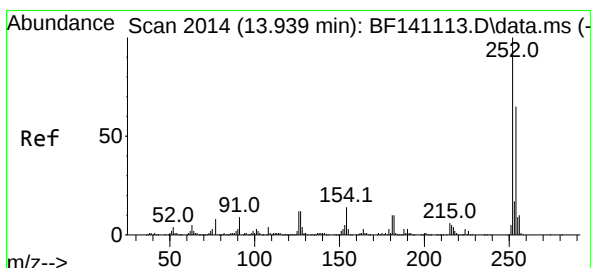
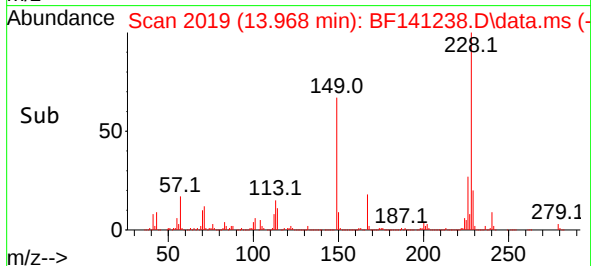
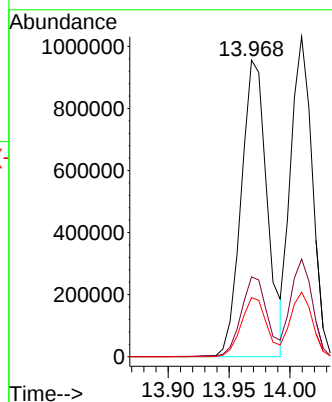
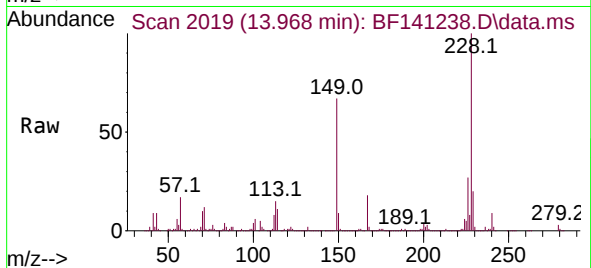
Tgt Ion:228 Resp: 1420280

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 27.383 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

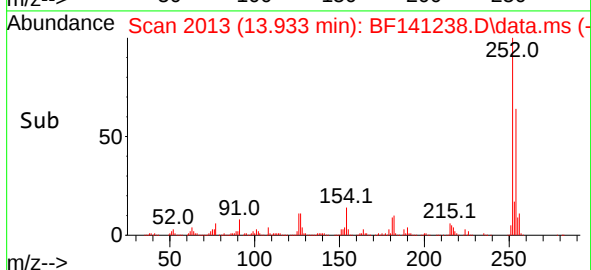
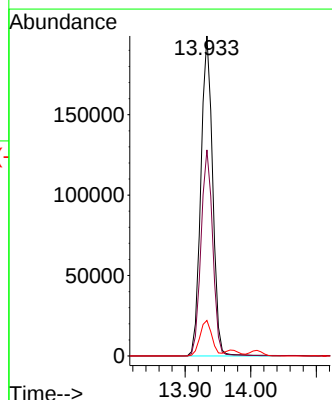
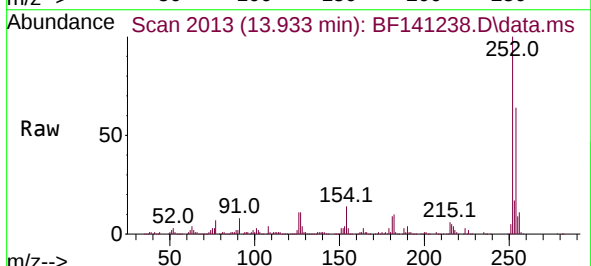
Tgt Ion:252 Resp: 249243

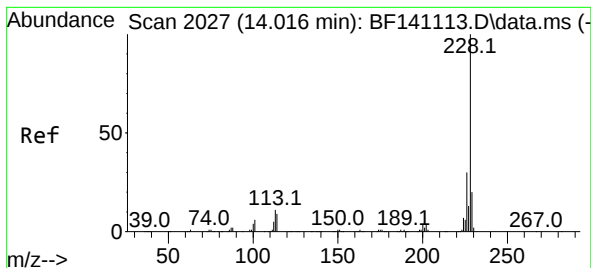
Ion Ratio Lower Upper

252 100

254 64.4 52.0 78.0

126 11.1 9.4 14.0





#83

Chrysene

Concen: 47.620 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

Instrument :

BNA_F

ClientSampleId :

PB166167BS

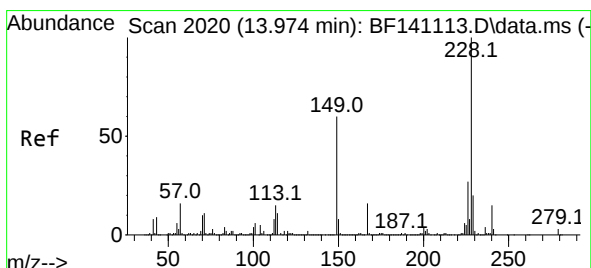
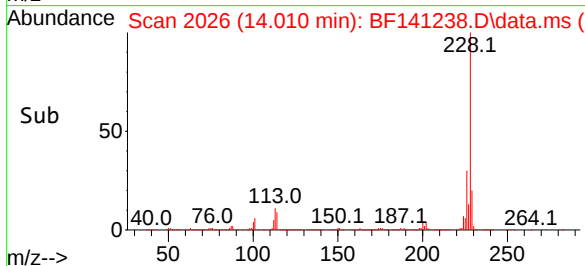
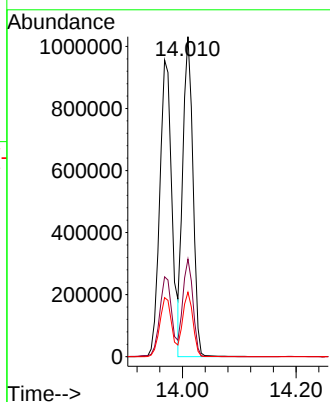
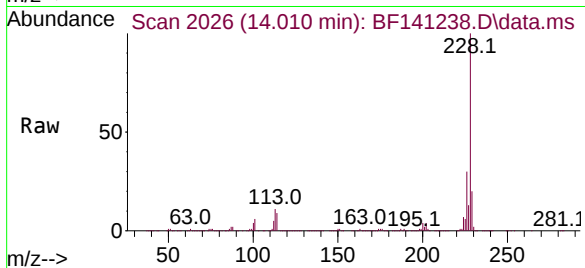
Tgt Ion:228 Resp: 1273722

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.8

229 20.2 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.873 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

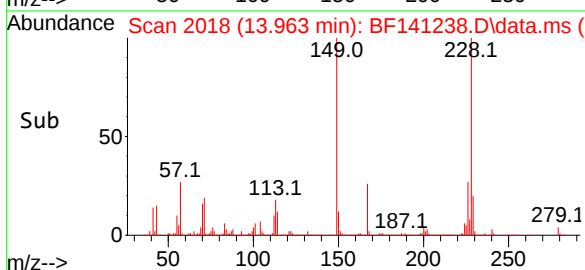
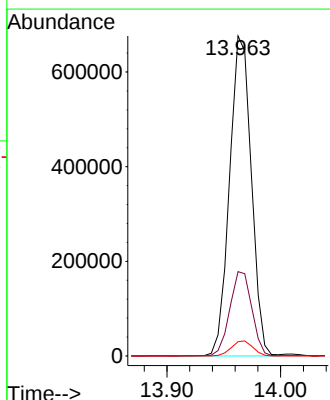
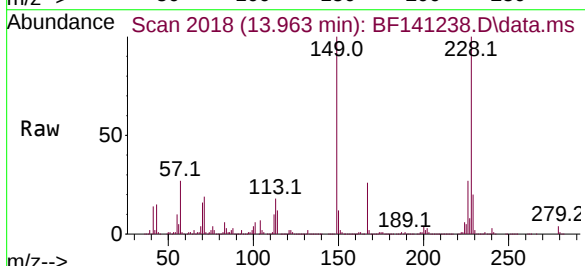
Tgt Ion:149 Resp: 896711

Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.2

279 4.4 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 59.127 ng

RT: 14.598 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

Instrument :

BNA_F

ClientSampleId :

PB166167BS

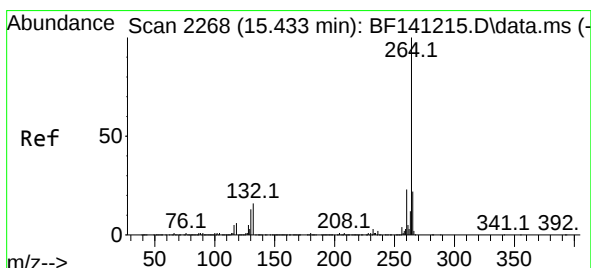
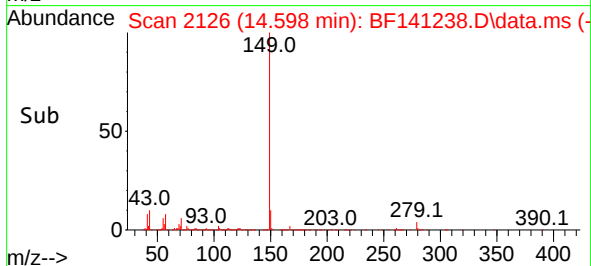
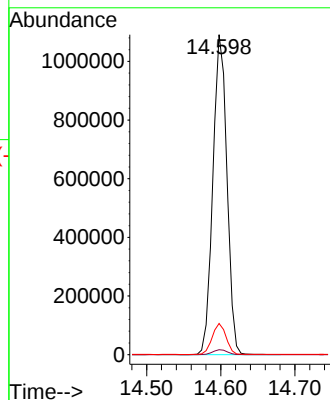
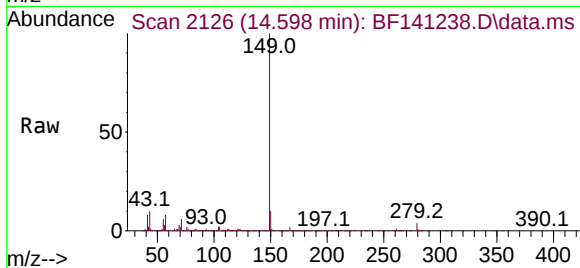
Tgt Ion:149 Resp: 1432974

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.6 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.018 min

Lab File: BF141238.D

Acq: 22 Jan 2025 16:35

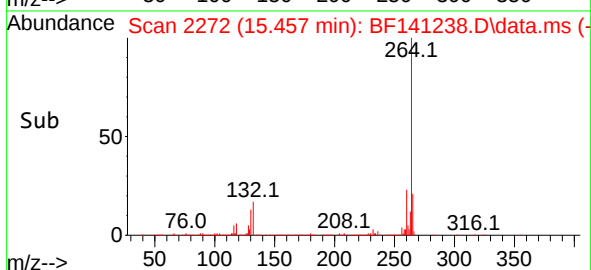
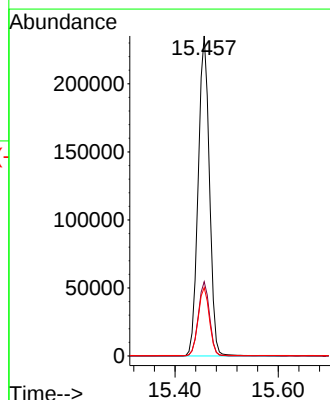
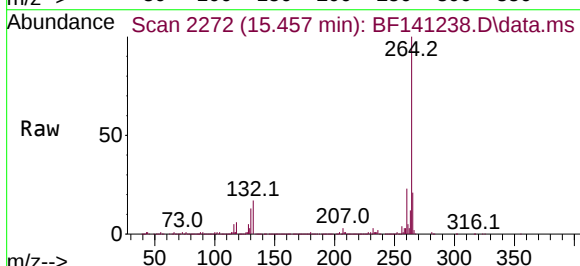
Tgt Ion:264 Resp: 354890

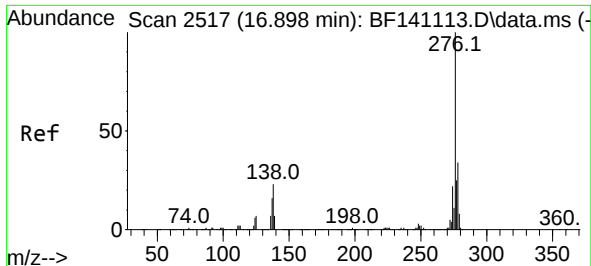
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.3 17.4 26.0

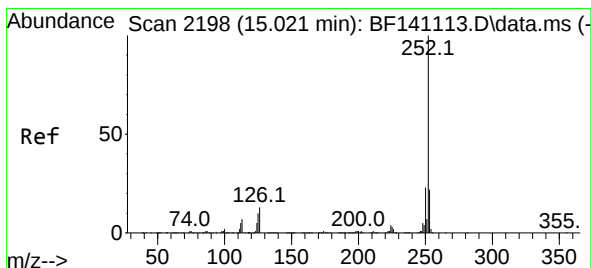
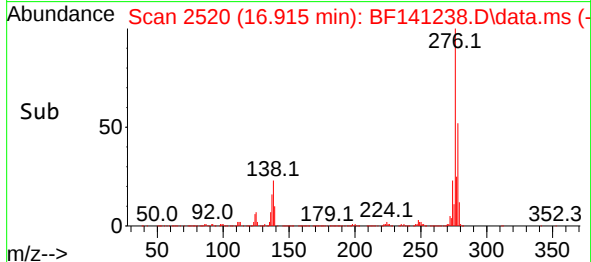
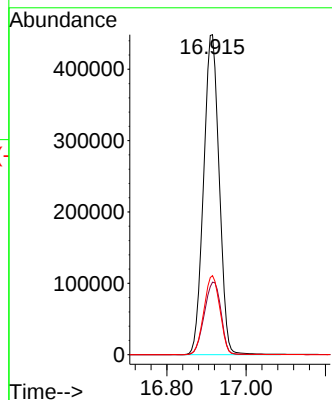
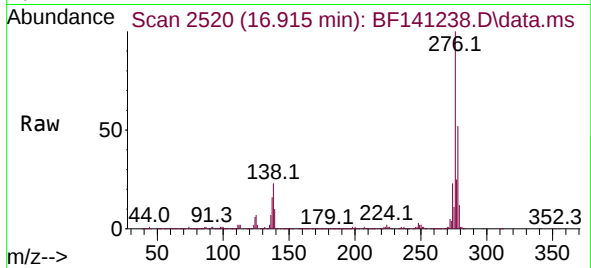




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.117 ng
 RT: 16.915 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF141238.D
 Acq: 22 Jan 2025 16:35

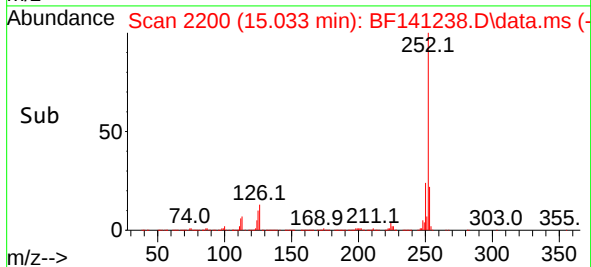
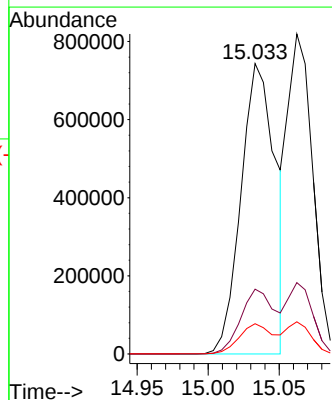
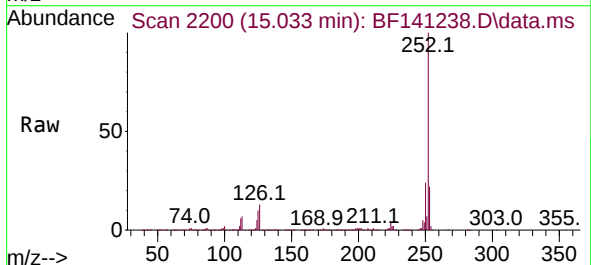
Instrument :
 BNA_F
 ClientSampleId :
 PB166167BS

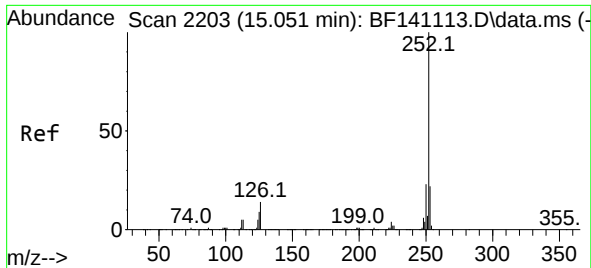
Tgt Ion:276 Resp: 1225057
 Ion Ratio Lower Upper
 276 100
 138 24.3 20.7 31.1
 277 25.5 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 54.711 ng
 RT: 15.033 min Scan# 2200
 Delta R.T. 0.012 min
 Lab File: BF141238.D
 Acq: 22 Jan 2025 16:35

Tgt Ion:252 Resp: 1252041
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.8 26.6
 125 10.4 8.1 12.1

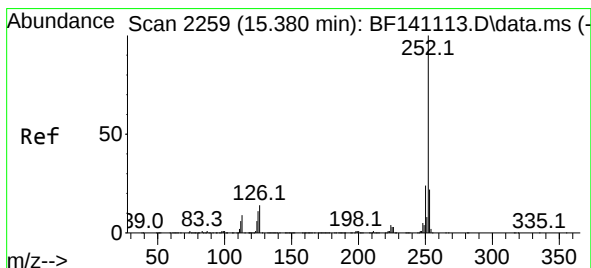
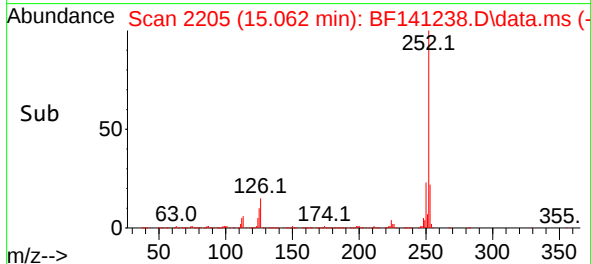
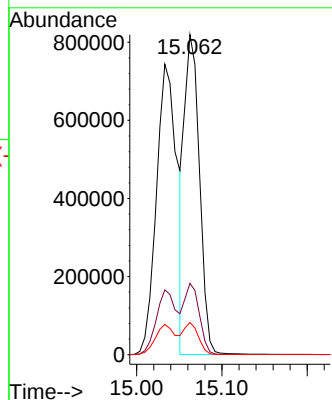
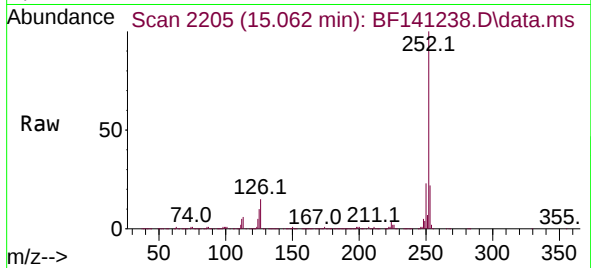




#89
Benzo(k)fluoranthene
Concen: 52.132 ng
RT: 15.062 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

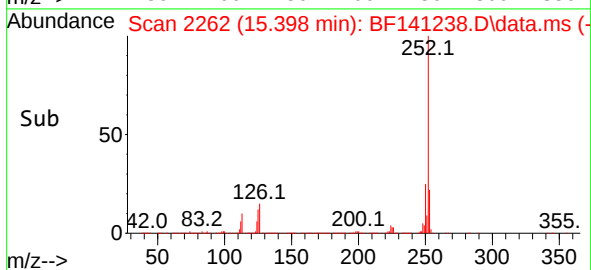
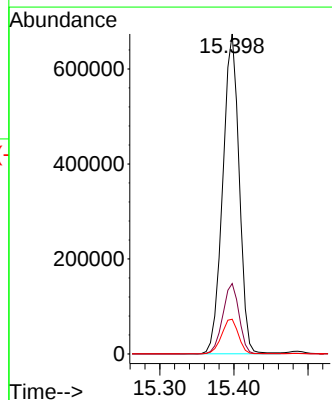
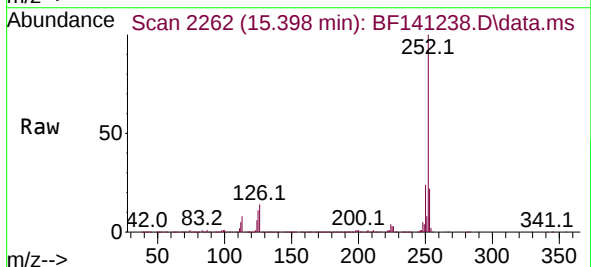
Instrument :
BNA_F
ClientSampleId :
PB166167BS

Tgt Ion:252 Resp: 1008192
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.0 7.9 11.9



#90
Benzo(a)pyrene
Concen: 54.796 ng
RT: 15.398 min Scan# 2262
Delta R.T. 0.018 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion:252 Resp: 1034601
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.9 9.1 13.7



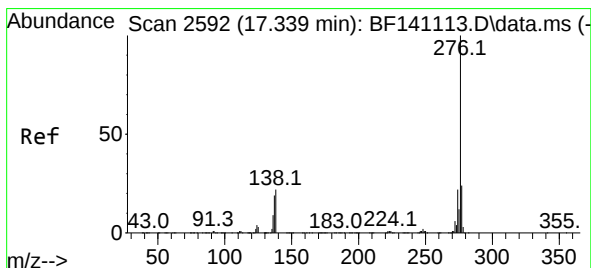
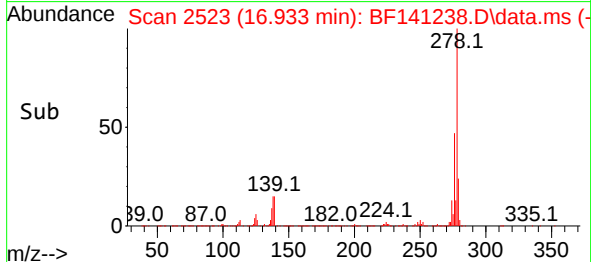
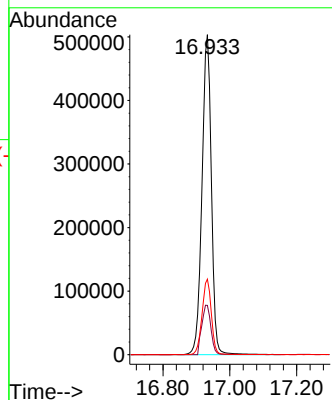
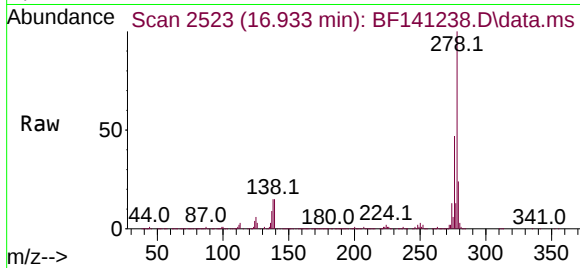


#91
Dibenzo(a,h)anthracene
Concen: 46.629 ng
RT: 16.933 min Scan# 2523
Delta R.T. 0.018 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Instrument :
BNA_F
ClientSampleId :
PB166167BS

Tgt Ion:278 Resp: 980573

Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.8	20.6
279	23.6	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 42.354 ng
RT: 17.351 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BF141238.D
Acq: 22 Jan 2025 16:35

Tgt Ion:276 Resp: 926433

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	21.0	17.4	26.2

