

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142049.D
 Acq On : 24 Mar 2025 12:27
 Operator : RC/JU
 Sample : Q1592-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 24 12:54:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	136574	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	525982	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	287440	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	438659	20.000	ng	0.00
76) Chrysene-d12	14.033	240	263592	20.000	ng	0.00
86) Perylene-d12	15.509	264	323612	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1017558	124.347	ng	0.02
7) Phenol-d6	6.504	99	1170761	112.368	ng	0.00
23) Nitrobenzene-d5	7.439	82	881201	94.282	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	507890	139.279	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1788766	94.641	ng	0.00
79) Terphenyl-d14	12.980	244	1649972	92.545	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.828	88	136229	39.731	ng	# 83
3) Pyridine	3.557	79	290107	34.493	ng	97
4) n-Nitrosodimethylamine	3.475	42	151047	37.675	ng	99
6) Aniline	6.539	93	121594	11.830	ng	90
8) 2-Chlorophenol	6.663	128	382452	42.140	ng	97
9) Benzaldehyde	6.428	77	57358	9.843	ng	100
10) Phenol	6.522	94	384050	35.038	ng	100
11) bis(2-Chloroethyl)ether	6.610	93	331648	40.295	ng	99
12) 1,3-Dichlorobenzene	6.816	146	386649	39.461	ng	99
13) 1,4-Dichlorobenzene	6.892	146	390725	39.412	ng	100
14) 1,2-Dichlorobenzene	7.045	146	377595	40.437	ng	98
15) Benzyl Alcohol	7.016	79	337556	40.075	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	361196	36.350	ng	97
17) 2-Methylphenol	7.128	107	296469	41.084	ng	99
18) Hexachloroethane	7.386	117	144410	38.845	ng	98
19) n-Nitroso-di-n-propyla...	7.286	70	255264	38.129	ng	100
20) 3+4-Methylphenols	7.281	107	368624	39.881	ng	# 74
22) Acetophenone	7.286	105	570519	45.294	ng	99
24) Nitrobenzene	7.457	77	390045	41.979	ng	99
25) Isophorone	7.698	82	712732	43.140	ng	99
26) 2-Nitrophenol	7.775	139	202849	44.482	ng	97
27) 2,4-Dimethylphenol	7.804	122	329146	52.417	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	424578	40.973	ng	100
29) 2,4-Dichlorophenol	8.010	162	334055	42.860	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	356590	41.515	ng	100
31) Naphthalene	8.181	128	1093003	40.453	ng	100
32) Benzoic acid	7.904	122	110730	20.061	ng	98
33) 4-Chloroaniline	8.228	127	52154	5.468	ng	98
34) Hexachlorobutadiene	8.292	225	240408	42.918	ng	99
35) Caprolactam	8.592	113	79305	33.374	ng	92
36) 4-Chloro-3-methylphenol	8.704	107	352570	40.551	ng	99
37) 2-Methylnaphthalene	8.869	142	724801	40.134	ng	100
38) 1-Methylnaphthalene	8.969	142	705595	40.488	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	437292	49.968	ng	99
41) Hexachlorocyclopentadiene	9.022	237	454352	132.660	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	259829	45.430	ng	99

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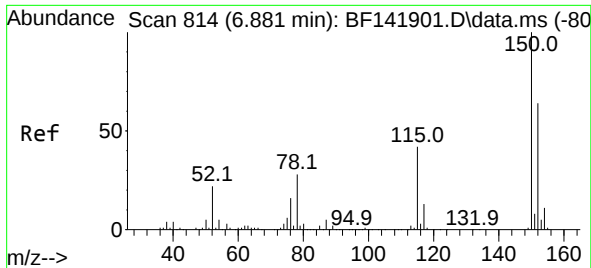
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	258813	44.680	ng	98
46) 1,1'-Biphenyl	9.333	154	1066329	48.824	ng	100
47) 2-Chloronaphthalene	9.357	162	728257	44.737	ng	98
48) 2-Nitroaniline	9.451	65	200526	42.545	ng	99
49) Acenaphthylene	9.775	152	1109203	45.917	ng	100
50) Dimethylphthalate	9.633	163	857813	42.616	ng	100
51) 2,6-Dinitrotoluene	9.692	165	184645	44.058	ng	95
52) Acenaphthene	9.945	154	781408	46.030	ng	99
53) 3-Nitroaniline	9.863	138	52824	12.426	ng	95
54) 2,4-Dinitrophenol	9.969	184	128608	56.145	ng	# 50
55) Dibenzofuran	10.116	168	1016623	41.910	ng	100
56) 4-Nitrophenol	10.022	139	224978	70.175	ng	96
57) 2,4-Dinitrotoluene	10.098	165	244543	44.675	ng	98
58) Fluorene	10.463	166	789495	42.205	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	216152	41.007	ng	99
60) Diethylphthalate	10.333	149	825002	41.104	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	423732	43.448	ng	98
62) 4-Nitroaniline	10.475	138	150187	36.288	ng	99
63) Azobenzene	10.610	77	722995	38.745	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	105740	40.435	ng	98
66) n-Nitrosodiphenylamine	10.569	169	678120	47.771	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	260035	47.201	ng	98
68) Hexachlorobenzene	11.010	284	305901	50.628	ng	95
69) Atrazine	11.098	200	239427	55.020	ng	98
70) Pentachlorophenol	11.204	266	291715	78.360	ng	99
71) Phenanthrene	11.422	178	1086309	45.849	ng	99
72) Anthracene	11.474	178	1098472	46.211	ng	100
73) Carbazole	11.627	167	835439	40.753	ng	99
74) Di-n-butylphthalate	11.957	149	1092231	40.154	ng	99
75) Fluoranthene	12.610	202	961462	38.255	ng	99
77) Benzidine	12.733	184	124760	33.924	ng	# 90
78) Pyrene	12.839	202	940832	41.263	ng	99
80) Butylbenzylphthalate	13.457	149	344095	38.557	ng	97
81) Benzo(a)anthracene	14.027	228	781519	45.182	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	41655	8.333	ng	99
83) Chrysene	14.063	228	711207	45.360	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	476237	38.703	ng	100
85) Di-n-octyl phthalate	14.621	149	891143	52.050	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	911748	43.554	ng	97
88) Benzo(b)fluoranthene	15.080	252	880648	39.706	ng	99
89) Benzo(k)fluoranthene	15.110	252	819781	43.192	ng	99
90) Benzo(a)pyrene	15.445	252	802870	46.264	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	738782	42.773	ng	98
92) Benzo(g,h,i)perylene	17.451	276	677219	39.677	ng	98

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

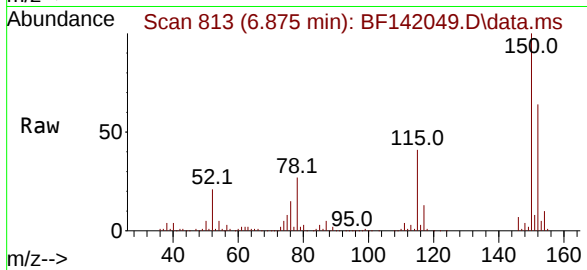
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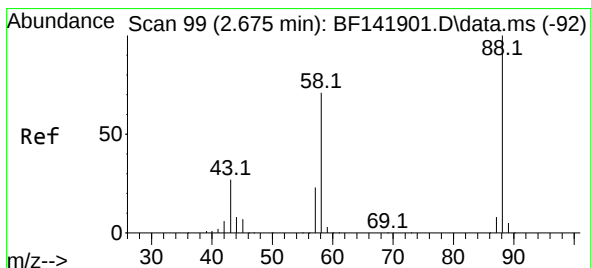
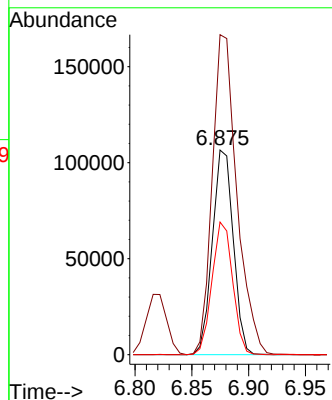
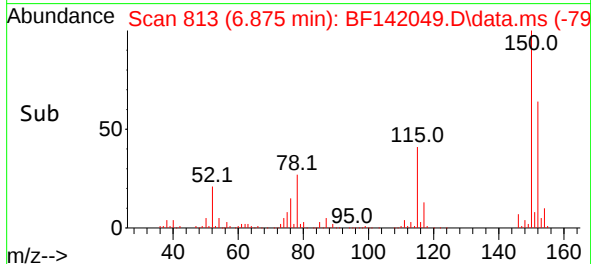


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF142049.D
 Acq: 24 Mar 2025 12:27

Instrument :
 BNA_F
 ClientSampleId :

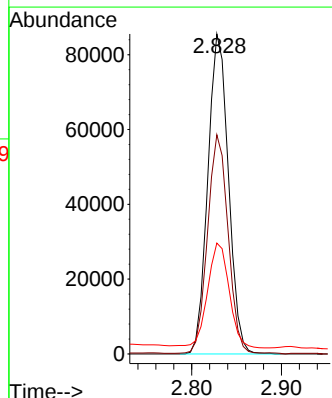
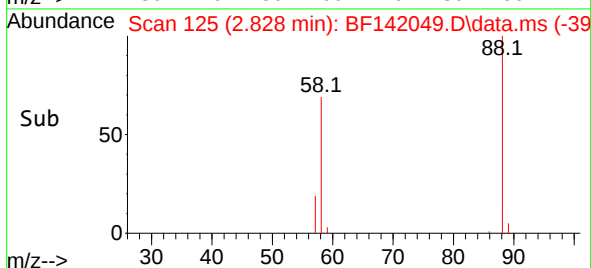
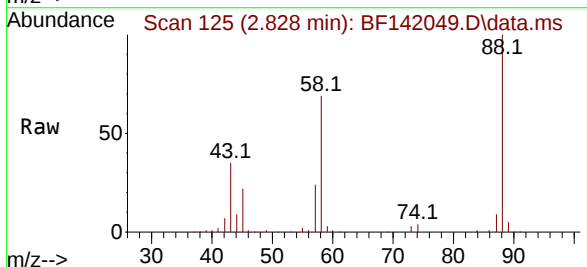


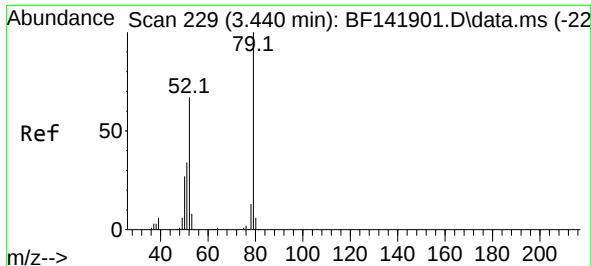
Tgt Ion:152 Resp: 136574
 Ion Ratio Lower Upper
 152 100
 150 156.3 127.4 191.2
 115 64.8 51.9 77.9



#2
 1,4-Dioxane
 Concen: 39.731 ng
 RT: 2.828 min Scan# 125
 Delta R.T. 0.153 min
 Lab File: BF142049.D
 Acq: 24 Mar 2025 12:27

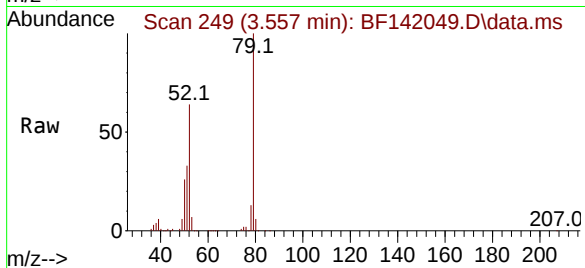
Tgt Ion: 88 Resp: 136229
 Ion Ratio Lower Upper
 88 100
 58 68.0 57.4 86.2
 43 0.0 21.5 32.3#



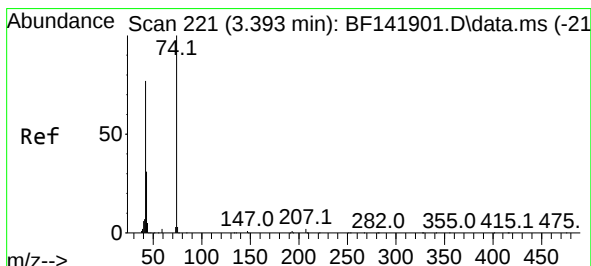
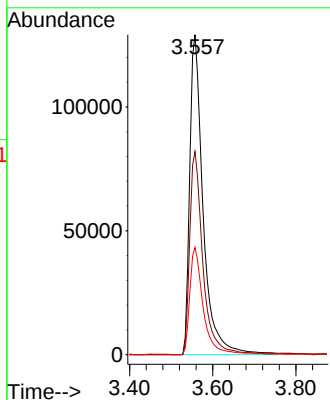
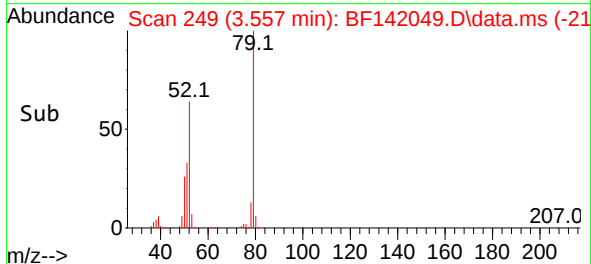


#3
Pyridine
Concen: 34.493 ng
RT: 3.557 min Scan# 24
Delta R.T. 0.118 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

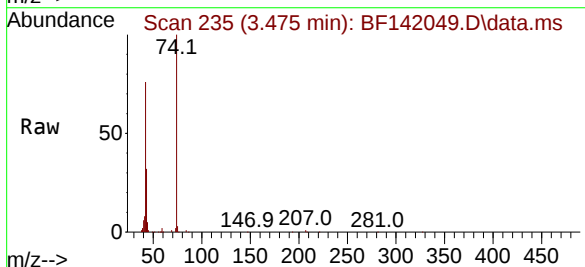
Instrument :
BNA_F
ClientSampleId :



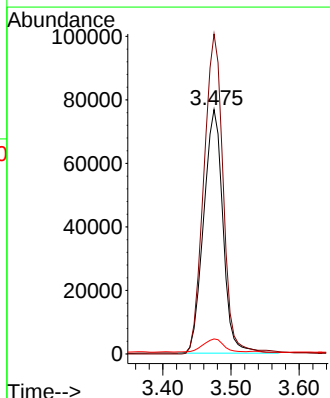
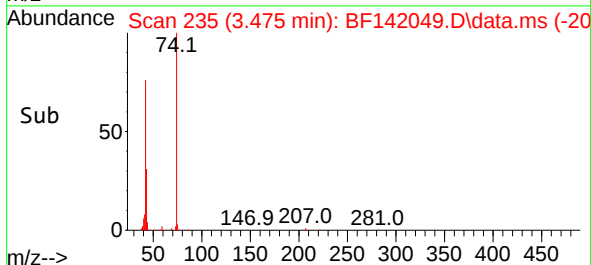
Tgt Ion: 79 Resp: 290107
Ion Ratio Lower Upper
79 100
52 63.5 53.3 79.9
51 33.5 27.6 41.4

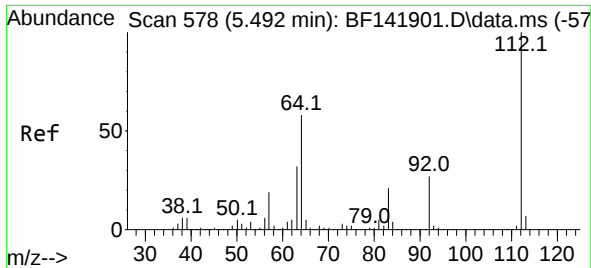


#4
n-Nitrosodimethylamine
Concen: 37.675 ng
RT: 3.475 min Scan# 235
Delta R.T. 0.082 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27



Tgt Ion: 42 Resp: 151047
Ion Ratio Lower Upper
42 100
74 130.9 103.4 155.0
44 6.1 5.0 7.4

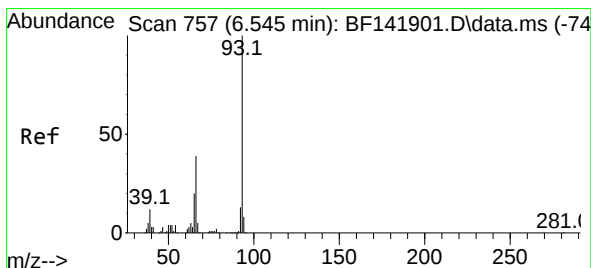
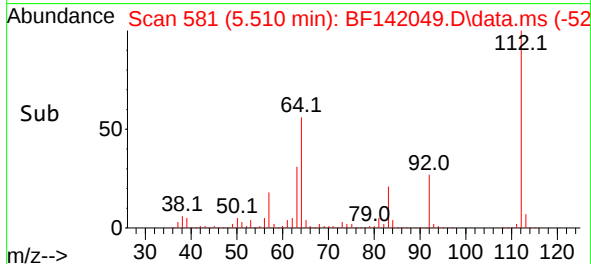
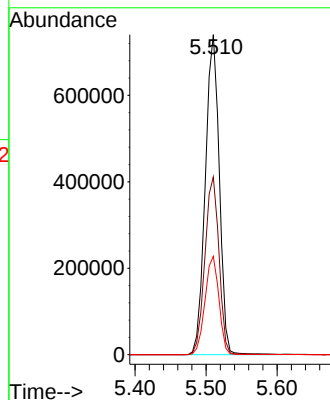
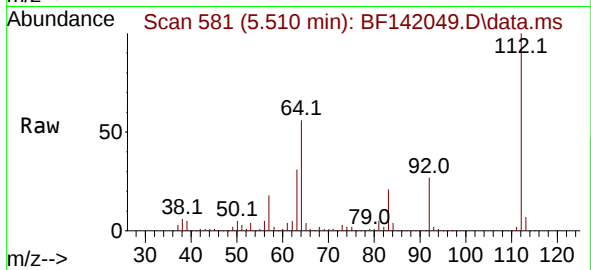




#5
2-Fluorophenol
Concen: 124.347 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

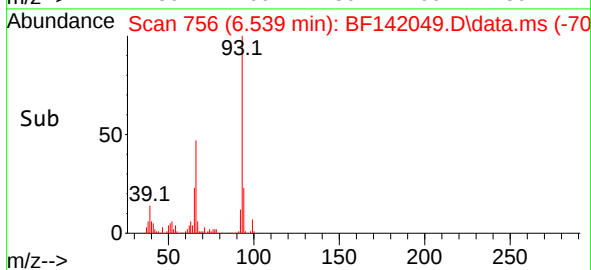
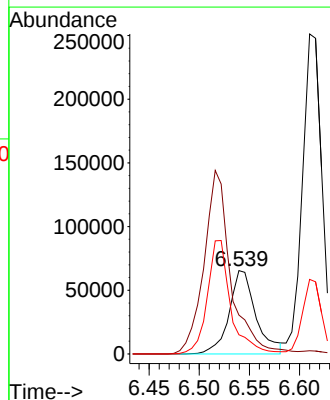
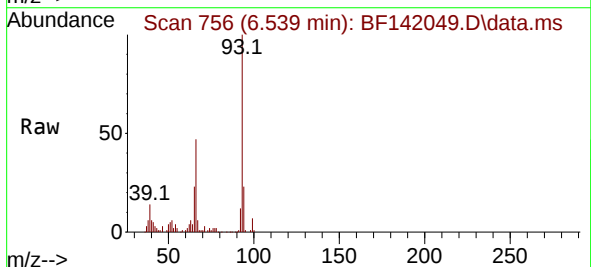
Instrument :
BNA_F
ClientSampleId :

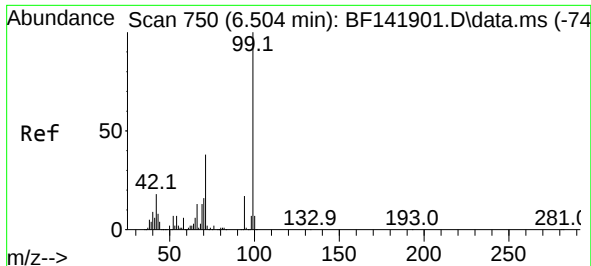
Tgt Ion:112 Resp: 1017558
Ion Ratio Lower Upper
112 100
64 55.6 46.5 69.7
63 30.7 25.4 38.2



#6
Aniline
Concen: 11.830 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 93 Resp: 121594
Ion Ratio Lower Upper
93 100
66 46.6 31.9 47.9
65 23.0 15.8 23.6

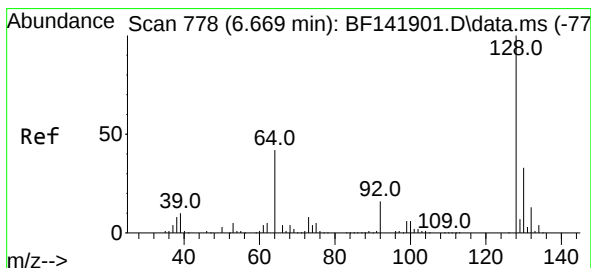
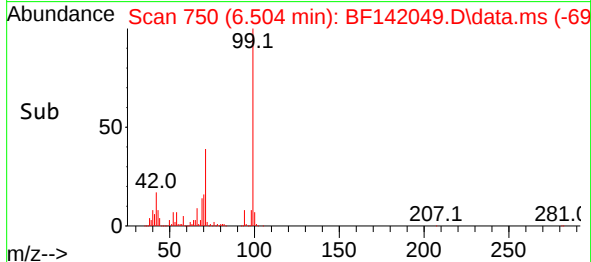
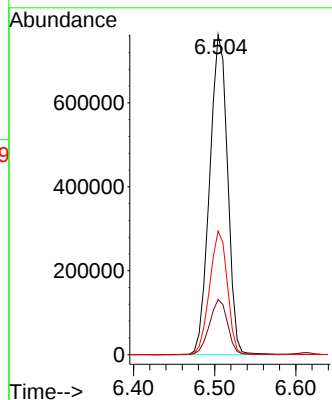
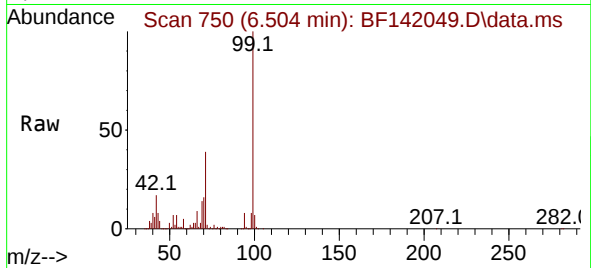




#7
Phenol-d6
Concen: 112.368 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

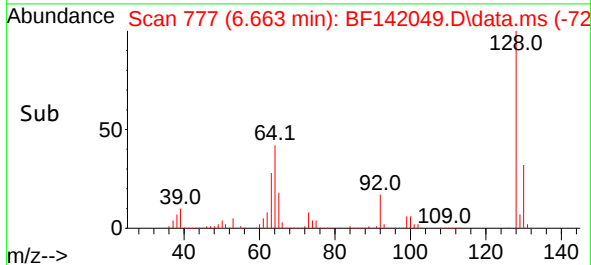
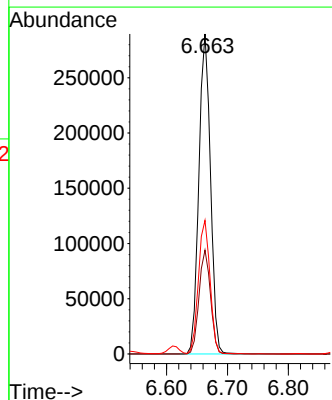
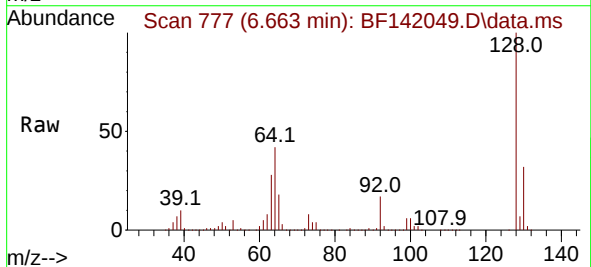
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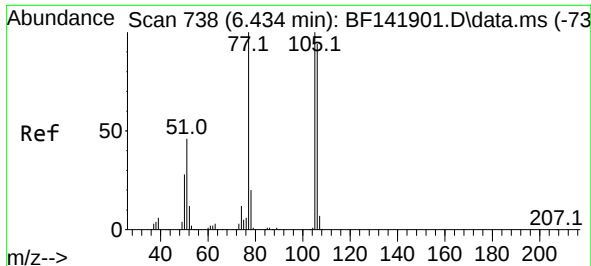
Tgt Ion: 99 Resp: 1170761
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 38.6 30.8 46.2



#8
2-Chlorophenol
Concen: 42.140 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt Ion:128 Resp: 382452
Ion Ratio Lower Upper
128 100
130 32.5 12.8 52.8
64 41.8 24.4 64.4

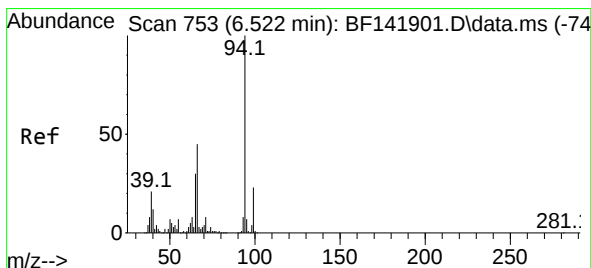
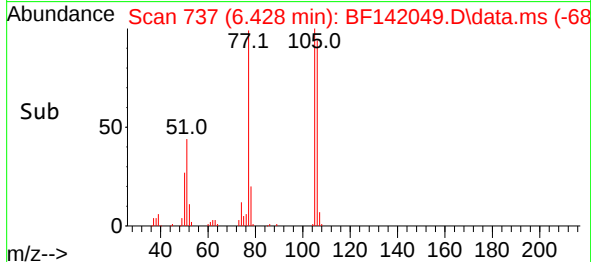
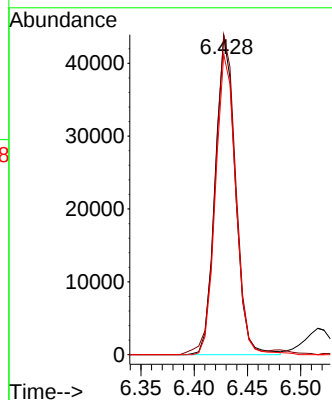
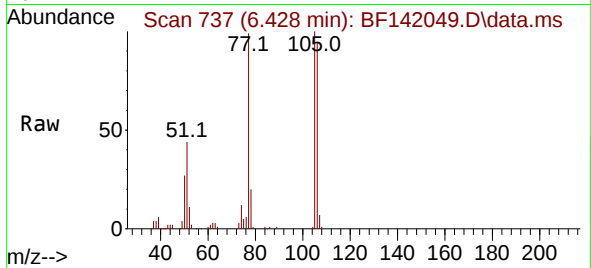




#9
Benzaldehyde
Concen: 9.843 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

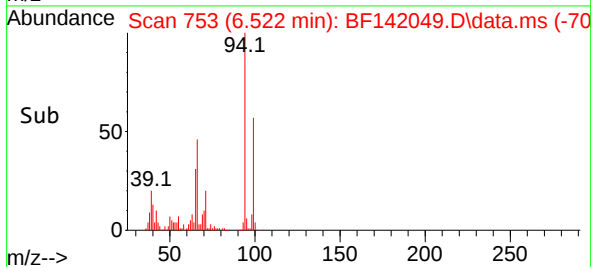
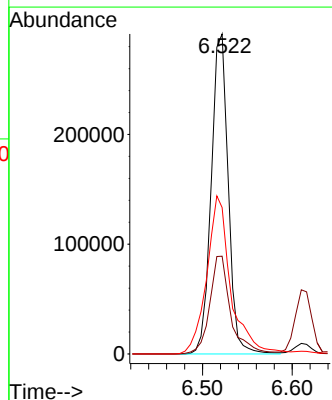
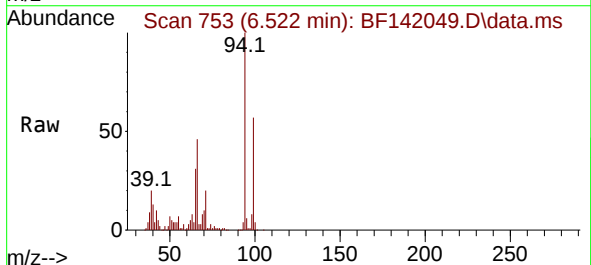
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ClientSampleId :

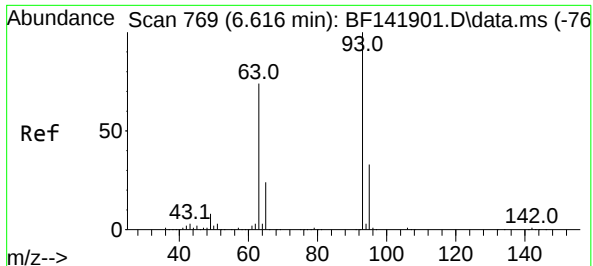
Tgt Ion: 77 Resp: 57358
Ion Ratio Lower Upper
77 100
105 100.6 80.0 120.0
106 94.4 74.5 114.5



#10
Phenol
Concen: 35.038 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 94 Resp: 384050
Ion Ratio Lower Upper
94 100
65 30.6 10.5 50.5
66 45.7 25.8 65.8

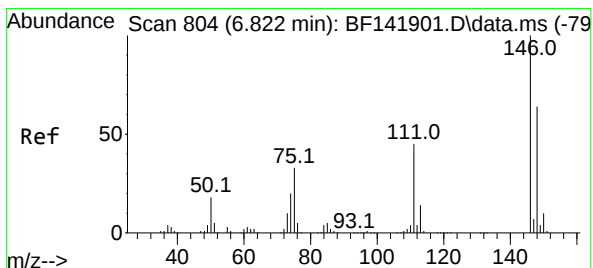
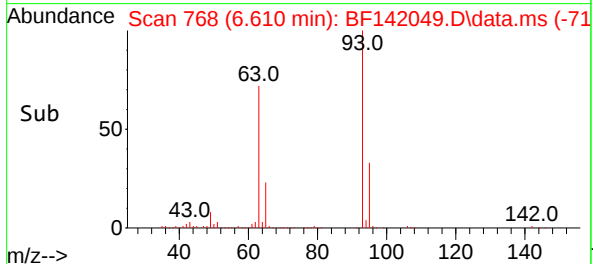
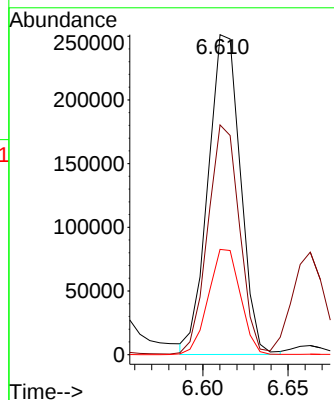
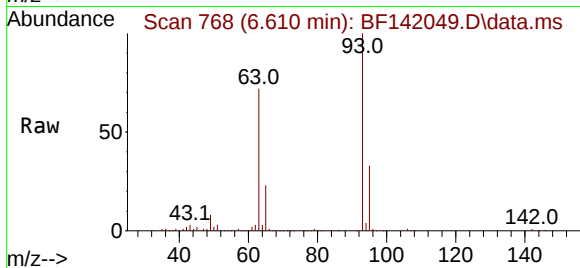




#11
bis(2-Chloroethyl)ether
Concen: 40.295 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

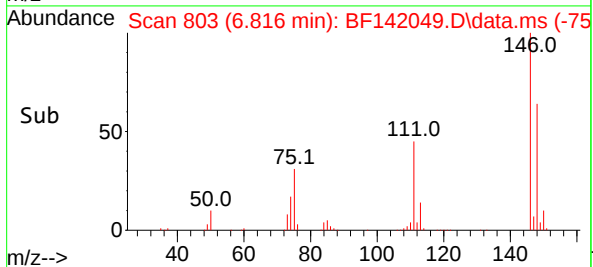
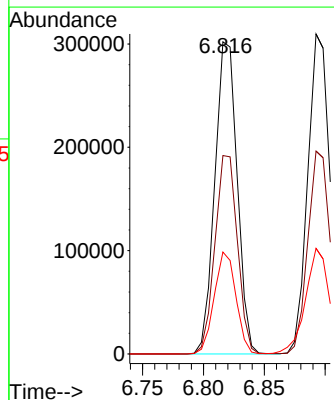
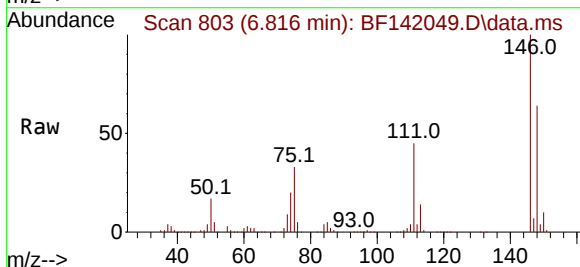
Instrument :
BNA_F
ClientSampleId :

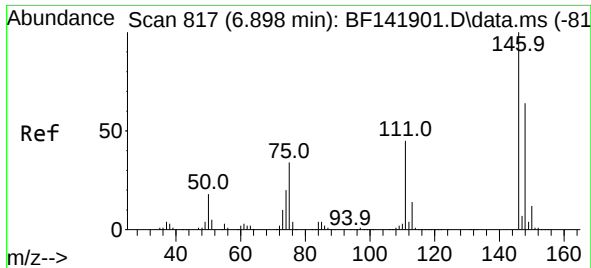
Tgt Ion: 93 Resp: 331648
Ion Ratio Lower Upper
93 100
63 71.8 53.0 93.0
95 32.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.461 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt Ion:146 Resp: 386649
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 32.6 26.6 40.0

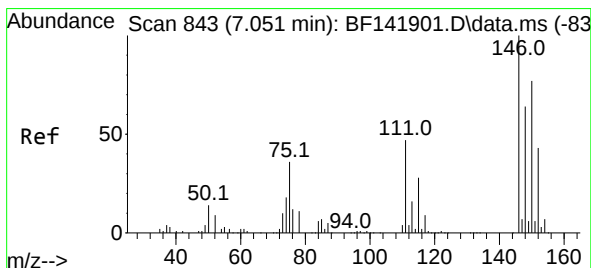
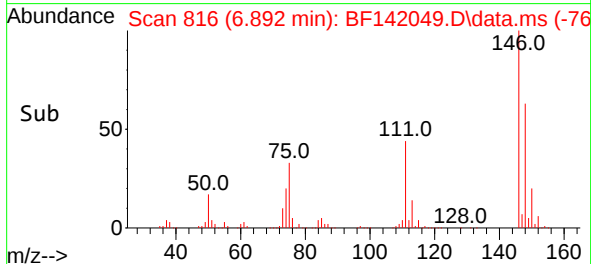
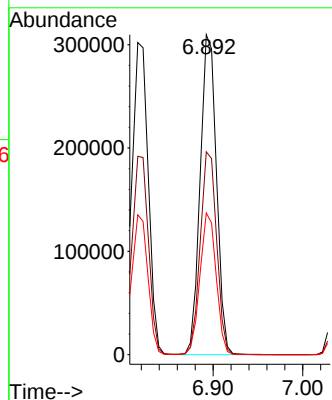
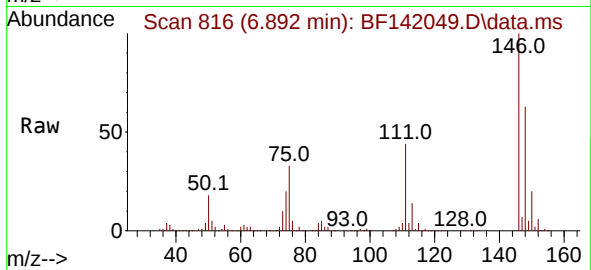




#13
1,4-Dichlorobenzene
Concen: 39.412 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

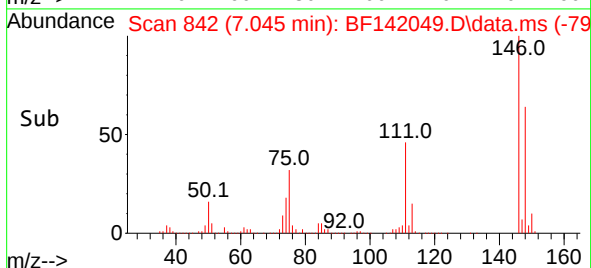
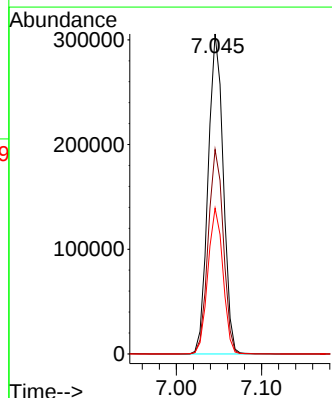
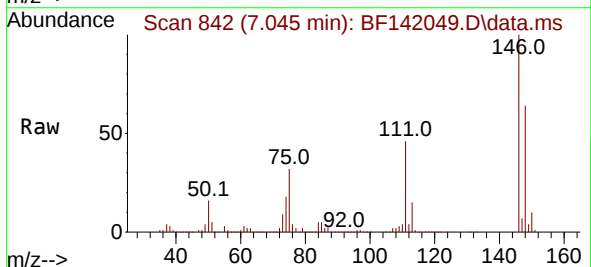
Instrument :
BNA_F
ClientSampleId :

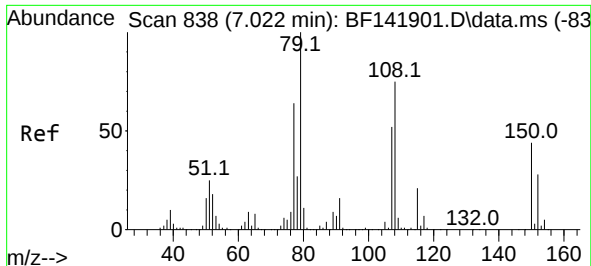
Tgt Ion:146 Resp: 390725
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
111 44.3 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 40.437 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt Ion:146 Resp: 377595
Ion Ratio Lower Upper
146 100
148 63.9 50.8 76.2
111 45.6 38.0 57.0

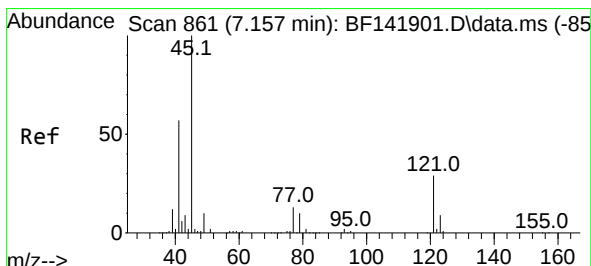
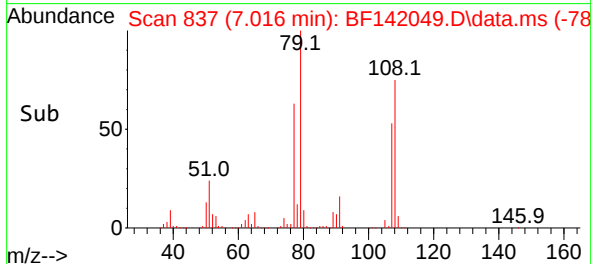
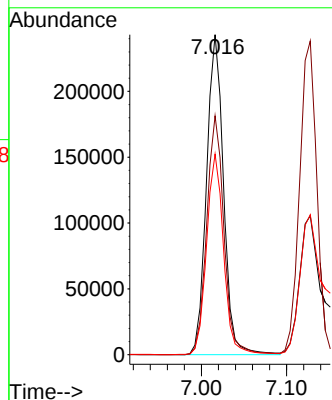
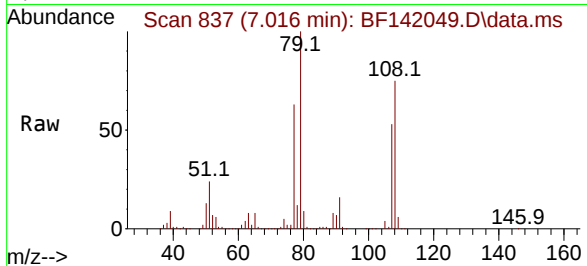




#15
Benzyl Alcohol
Concen: 40.075 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

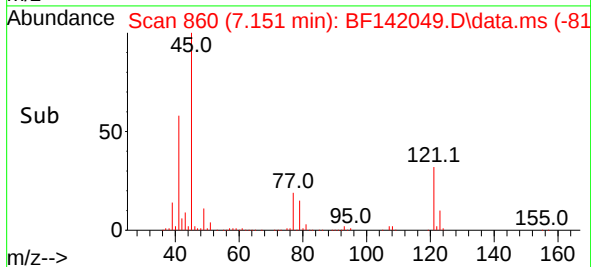
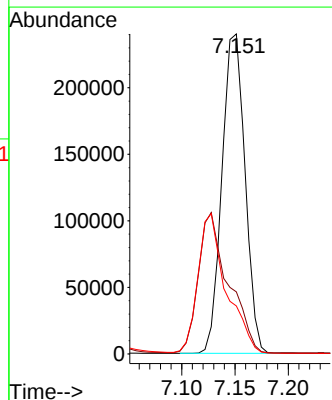
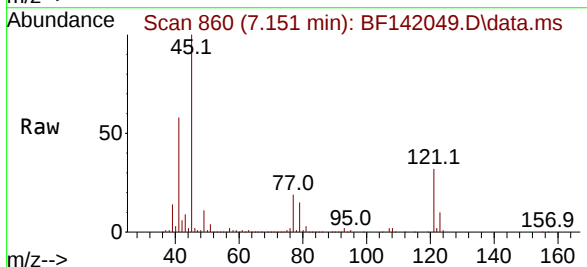
Instrument :
BNA_F
ClientSampleId :

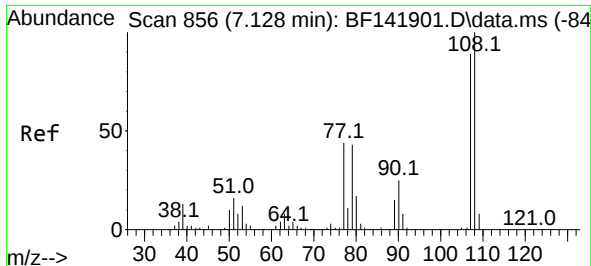
Tgt Ion: 79 Resp: 337556
Ion Ratio Lower Upper
79 100
108 74.6 59.7 89.5
77 62.7 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.350 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 45 Resp: 361196
Ion Ratio Lower Upper
45 100
77 19.4 0.0 37.8
79 15.0 0.0 34.2

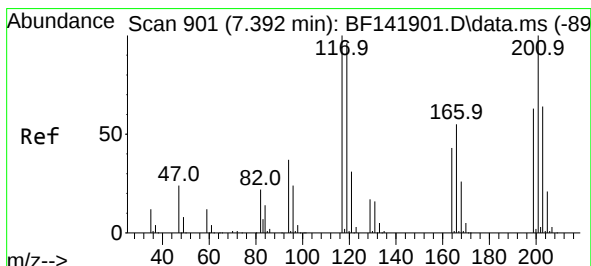
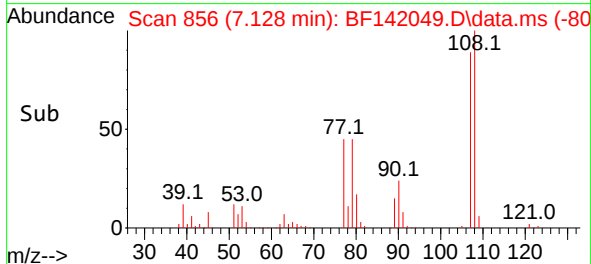
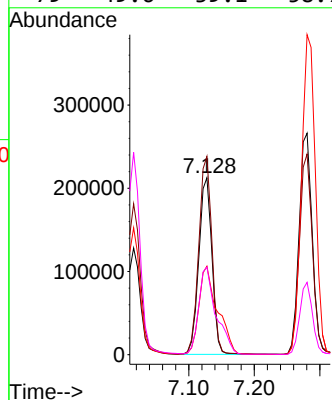
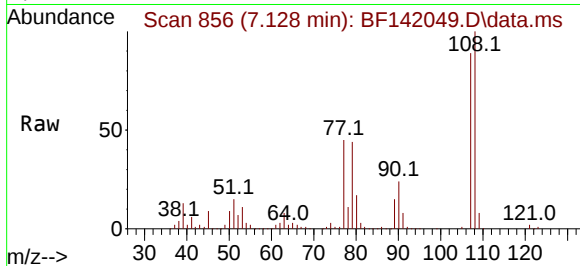




#17
2-Methylphenol
Concen: 41.084 ng
RT: 7.128 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

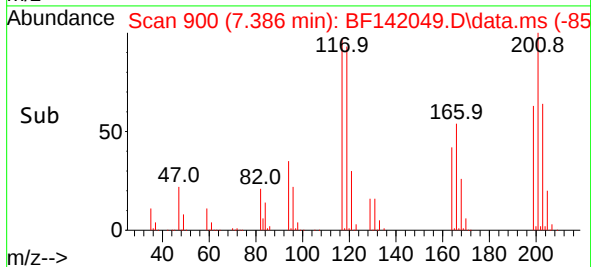
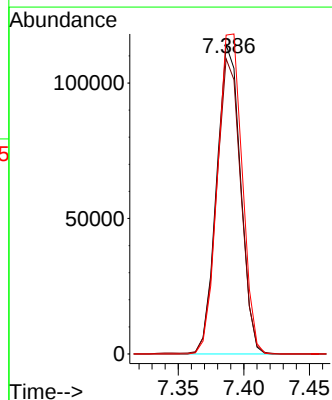
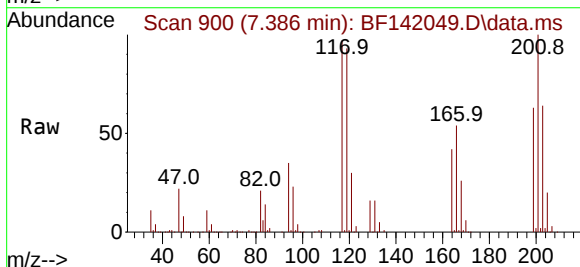
Instrument :
BNA_F
ClientSampleId :

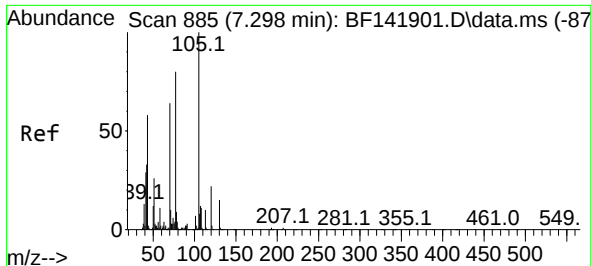
Tgt Ion:107 Resp: 296469
Ion Ratio Lower Upper
107 100
108 112.1 90.2 135.2
77 50.0 39.6 59.4
79 49.6 39.1 58.7



#18
Hexachloroethane
Concen: 38.845 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt Ion:117 Resp: 144410
Ion Ratio Lower Upper
117 100
119 95.5 76.9 115.3
201 103.1 79.9 119.9

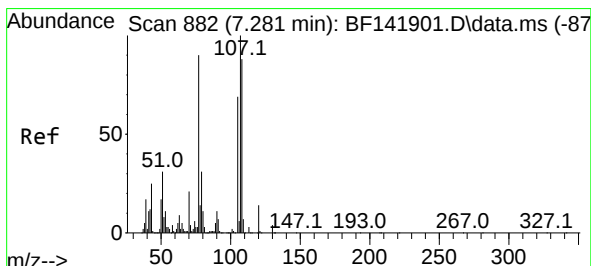
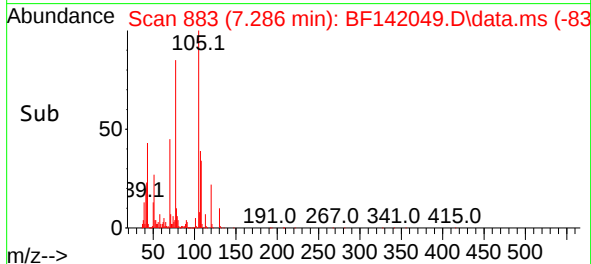
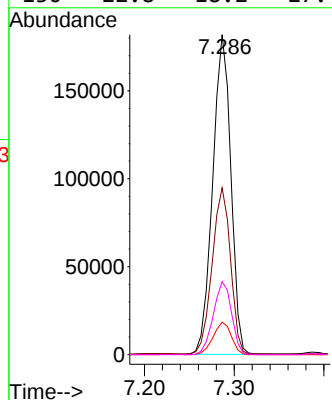
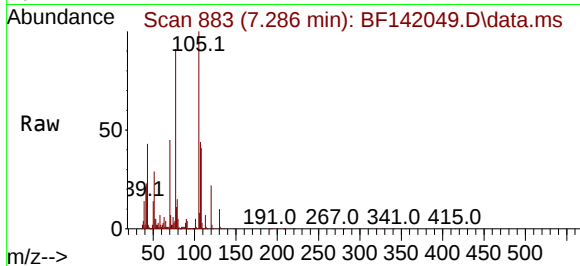




#19
n-Nitroso-di-n-propylamine
Concen: 38.129 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

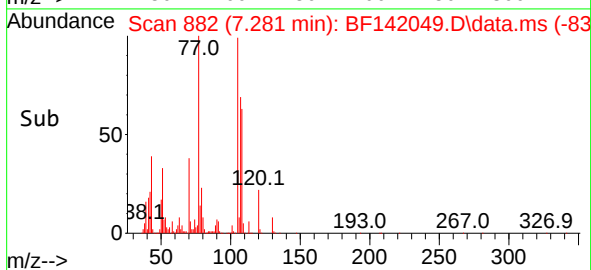
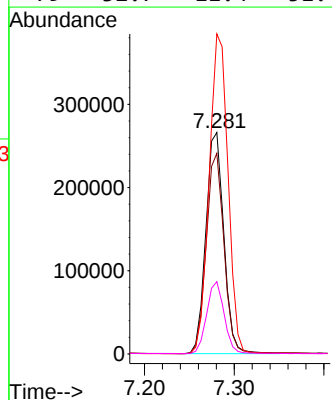
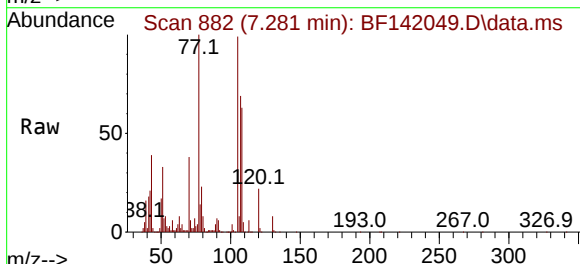
Instrument :
BNA_F
ClientSampleId :

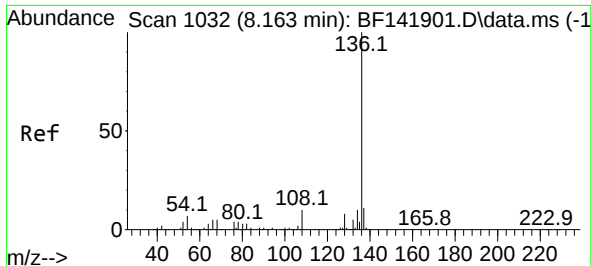
Tgt Ion:	70	Resp:	255264
Ion	Ratio	Lower	Upper
70	100		
42	52.2	41.4	62.0
101	10.2	8.2	12.2
130	22.8	18.2	27.4



#20
3+4-Methylphenols
Concen: 39.881 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt Ion:	107	Resp:	368624
Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.4	108.4
77	144.5	69.7	109.7#
79	32.7	11.4	51.4

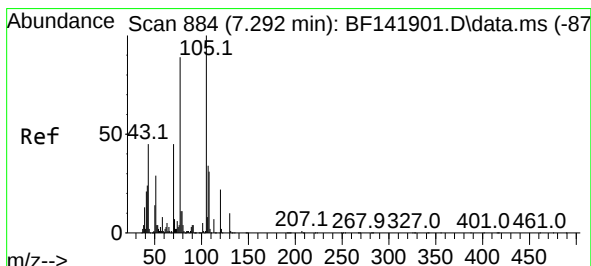
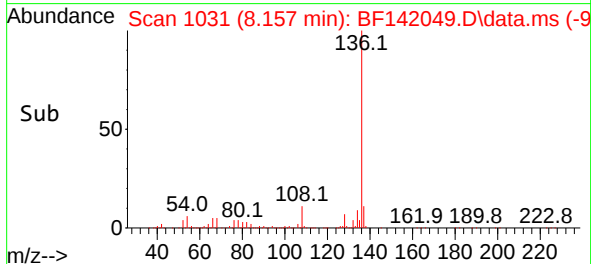
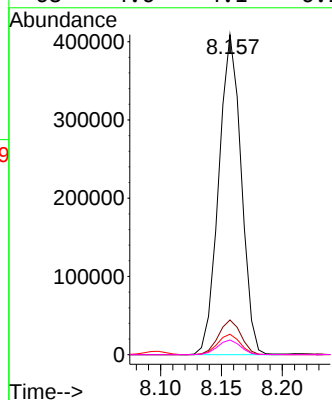
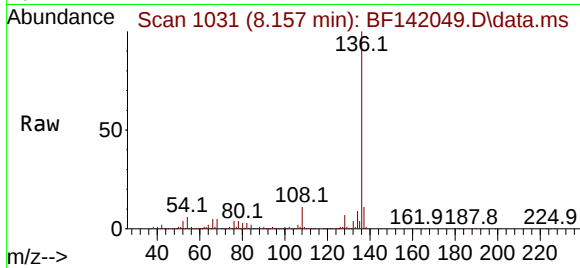




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

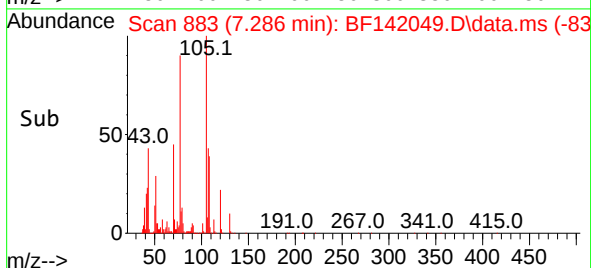
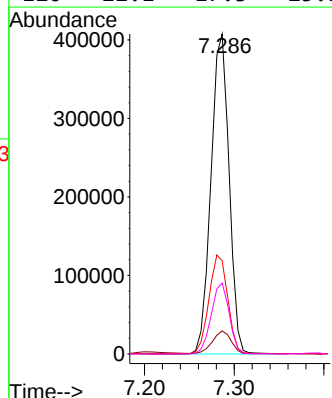
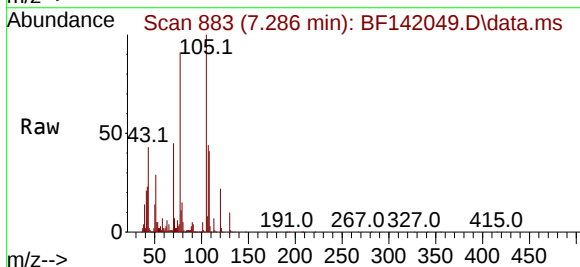
Instrument :
BNA_F
ClientSampleId :

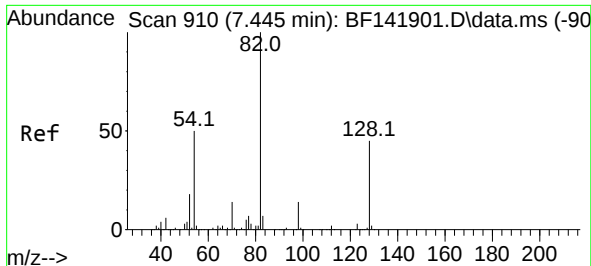
Tgt	Ion:136	Resp:	525982
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.4	5.8	8.8
68	4.6	4.1	6.1



#22
Acetophenone
Concen: 45.294 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt	Ion:105	Resp:	570519
Ion	Ratio	Lower	Upper
105	100		
71	7.2	5.8	8.8
51	29.1	23.4	35.0
120	22.1	17.3	25.9

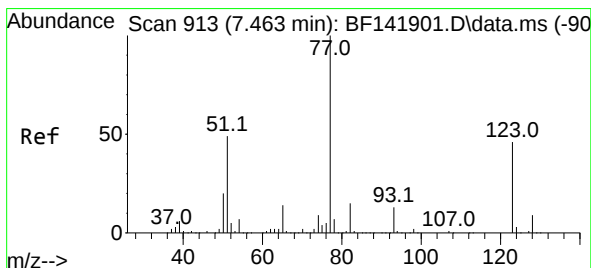
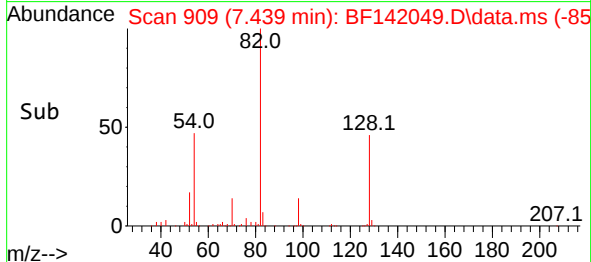
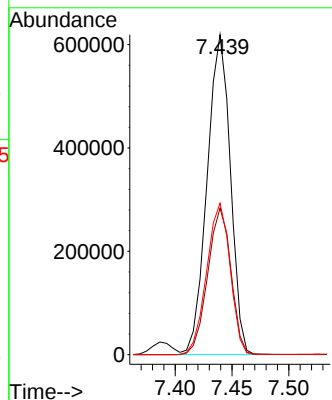
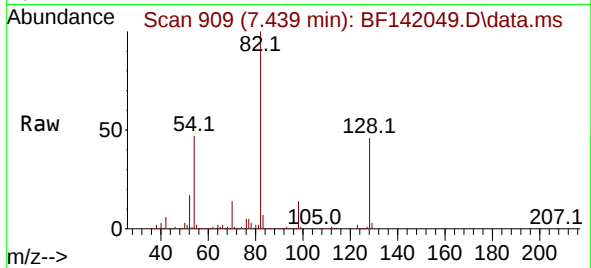




#23
Nitrobenzene-d5
Concen: 94.282 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

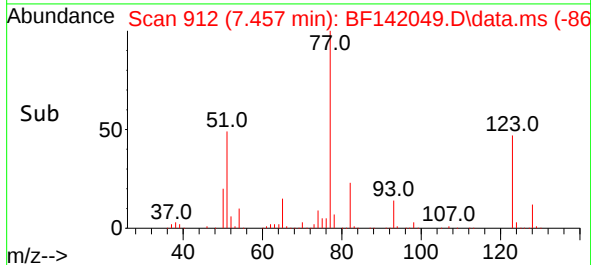
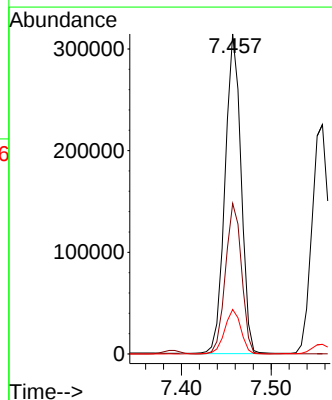
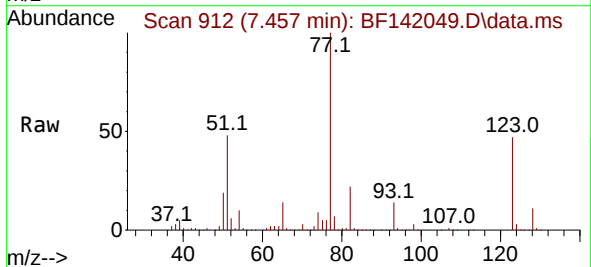
Instrument :
BNA_F
ClientSampleId :

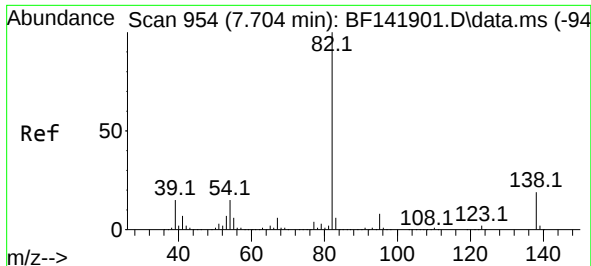
Tgt Ion: 82 Resp: 881201
Ion Ratio Lower Upper
82 100
128 45.8 36.0 54.0
54 47.3 39.6 59.4



#24
Nitrobenzene
Concen: 41.979 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 77 Resp: 390045
Ion Ratio Lower Upper
77 100
123 47.1 37.0 55.4
65 13.9 11.3 16.9

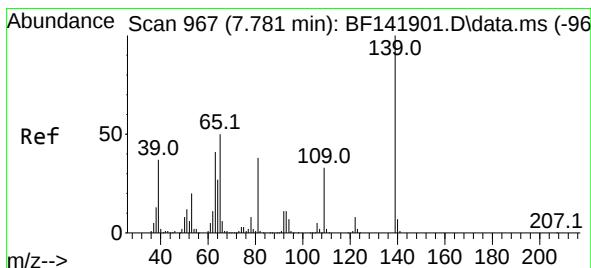
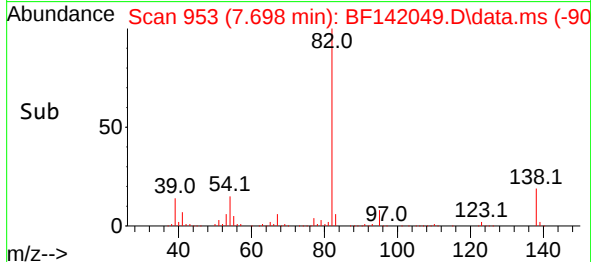
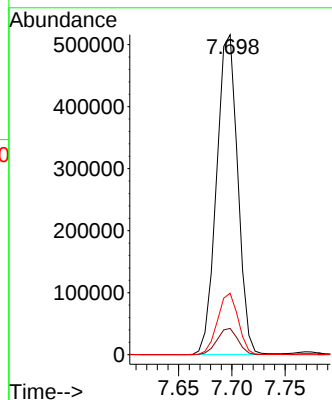
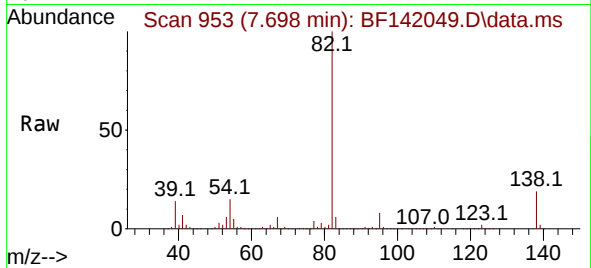




#25
Isophorone
Concen: 43.140 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

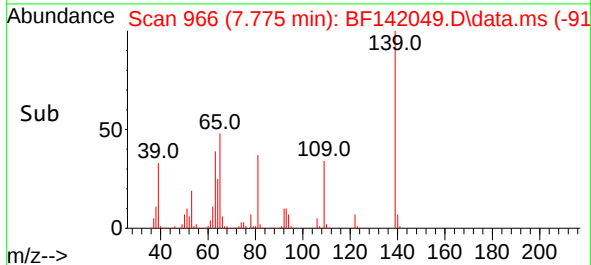
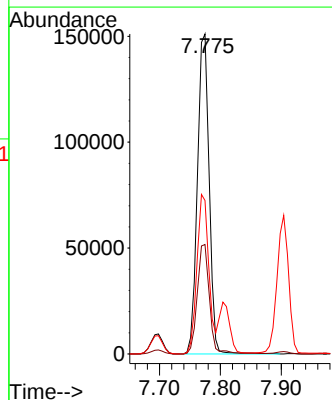
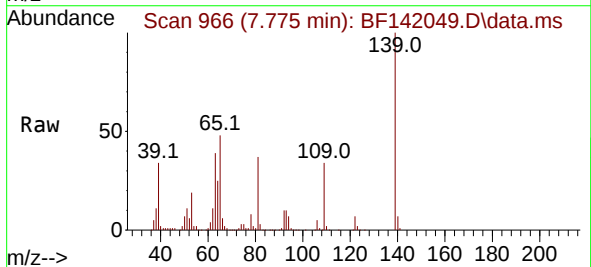
Instrument :
BNA_F
ClientSampleId :

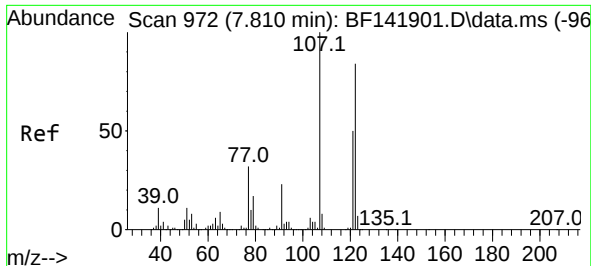
Tgt Ion: 82 Resp: 712732
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 19.2 14.9 22.3



#26
2-Nitrophenol
Concen: 44.482 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

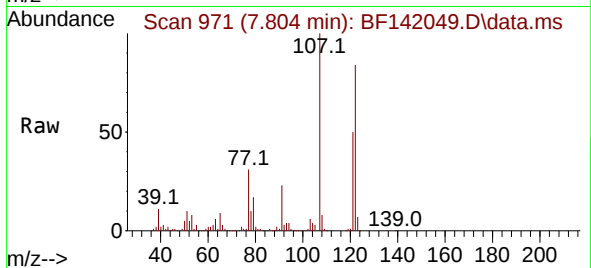
Tgt Ion:139 Resp: 202849
Ion Ratio Lower Upper
139 100
109 34.2 26.5 39.7
65 48.0 40.3 60.5



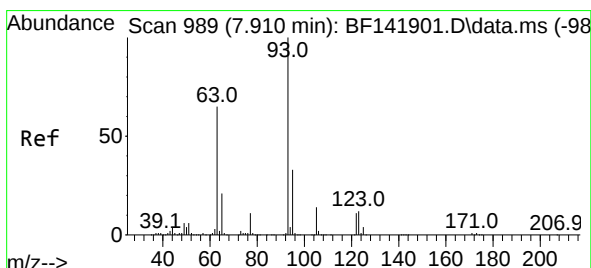
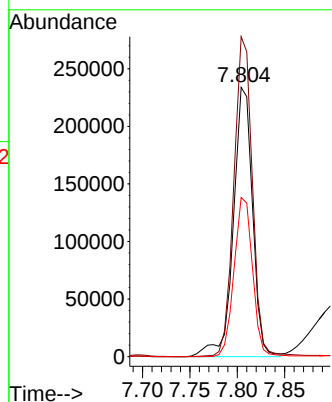
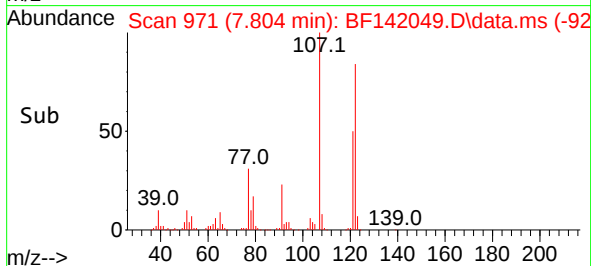


#27
2,4-Dimethylphenol
Concen: 52.417 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

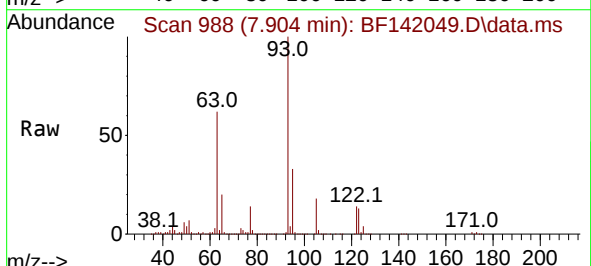
Instrument :
BNA_F
ClientSampleId :



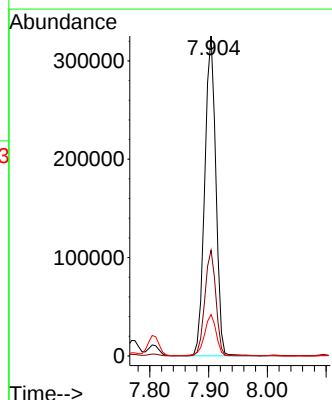
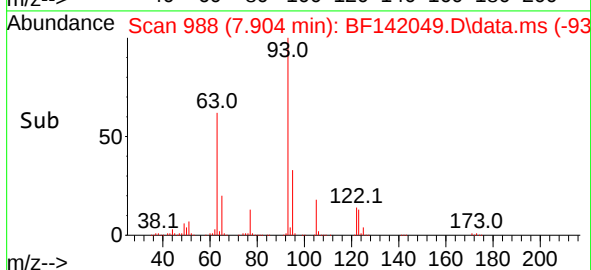
Tgt Ion:122 Resp: 329146
Ion Ratio Lower Upper
122 100
107 118.8 94.8 142.2
121 59.1 47.8 71.6

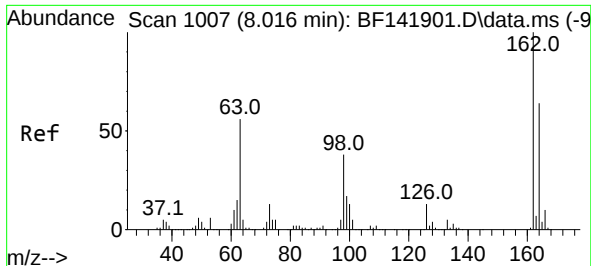


#28
bis(2-Chloroethoxy)methane
Concen: 40.973 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27



Tgt Ion: 93 Resp: 424578
Ion Ratio Lower Upper
93 100
95 33.0 26.6 40.0
123 12.9 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 42.860 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

Instrument :

BNA_F

ClientSampleId :

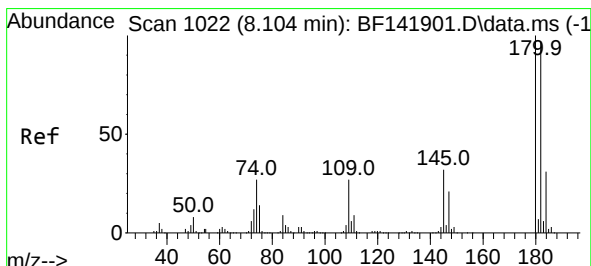
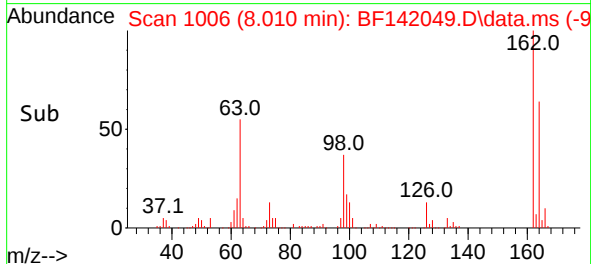
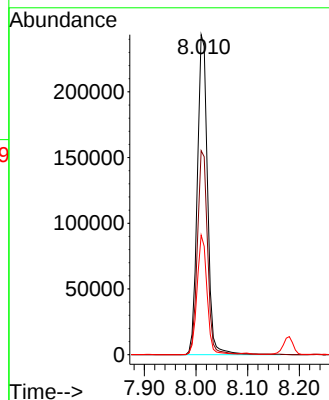
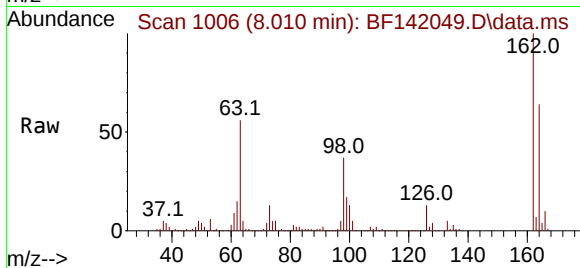
Tgt Ion:162 Resp: 334055

Ion Ratio Lower Upper

162 100

164 63.7 43.8 83.8

98 37.4 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 41.515 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

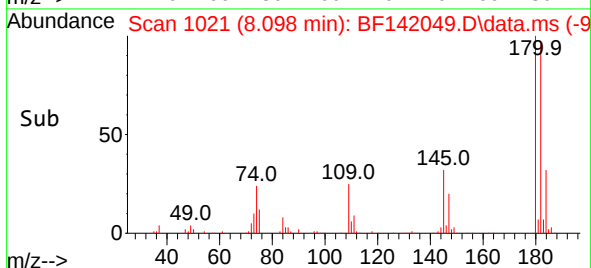
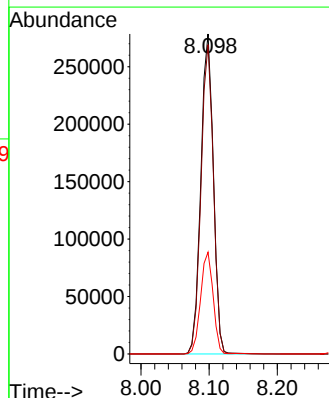
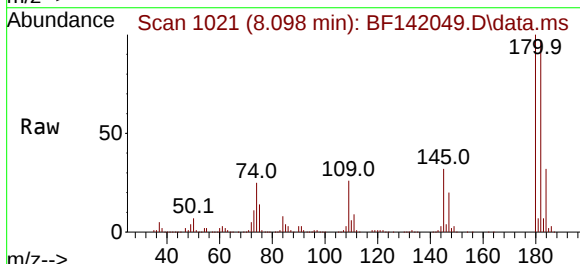
Tgt Ion:180 Resp: 356590

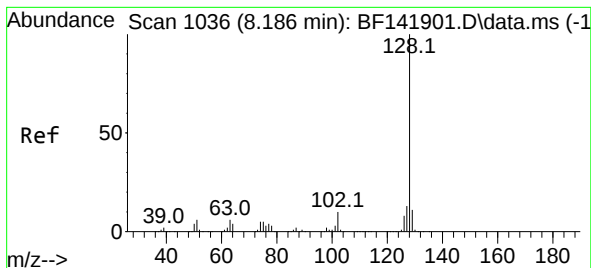
Ion Ratio Lower Upper

180 100

182 96.7 77.5 116.3

145 31.8 25.8 38.6





#31

Naphthalene

Concen: 40.453 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

Instrument :

BNA_F

ClientSampleId :

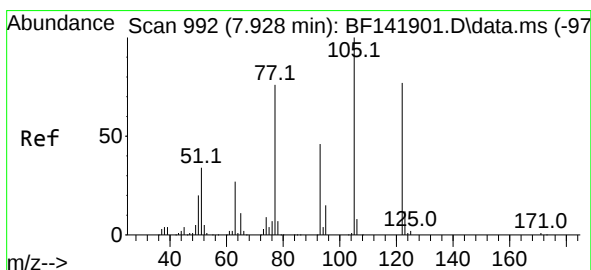
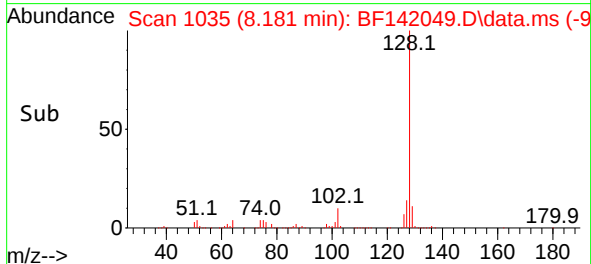
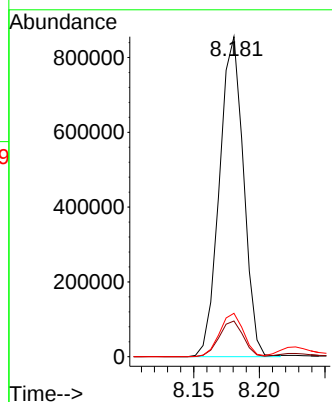
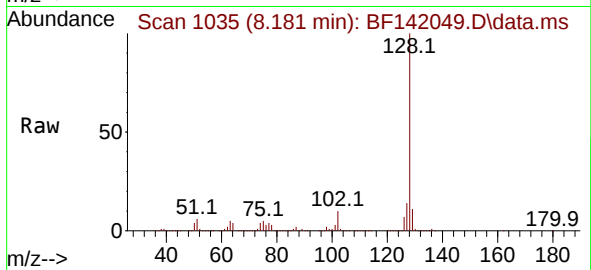
Tgt Ion:128 Resp: 1093003

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.6 10.8 16.2



#32

Benzoic acid

Concen: 20.061 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.024 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

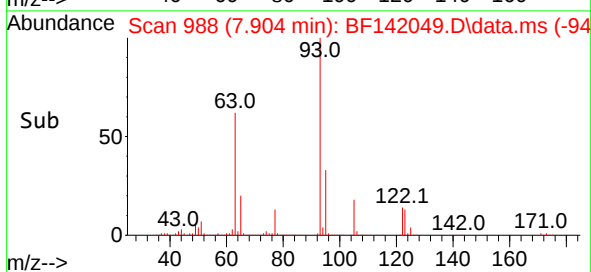
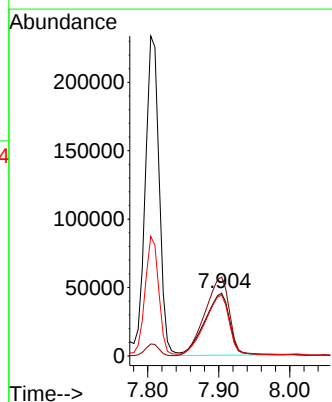
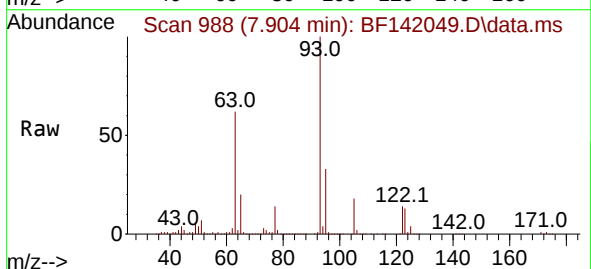
Tgt Ion:122 Resp: 110730

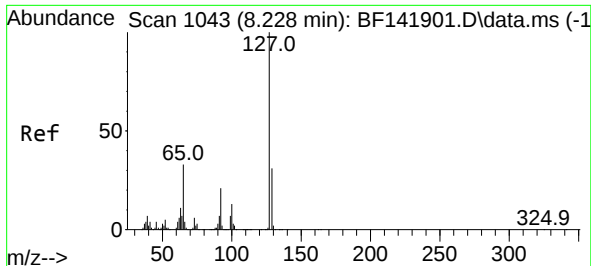
Ion Ratio Lower Upper

122 100

105 125.7 107.9 147.9

77 97.0 79.0 119.0

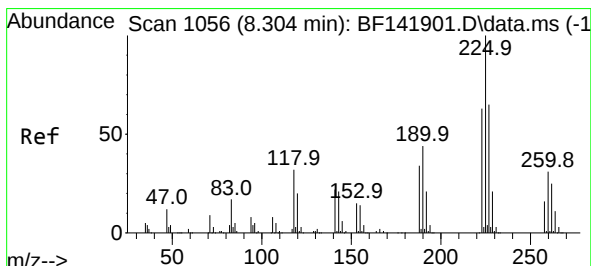
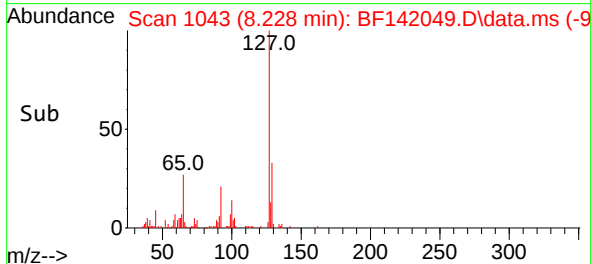
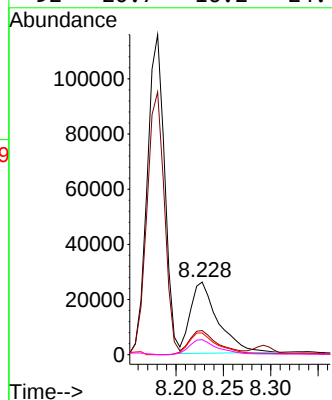
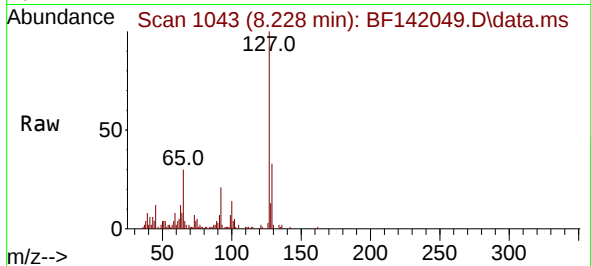




#33
4-Chloroaniline
Concen: 5.468 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

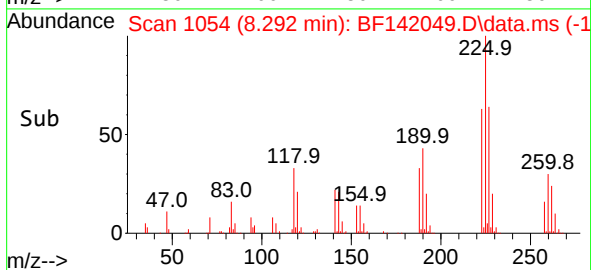
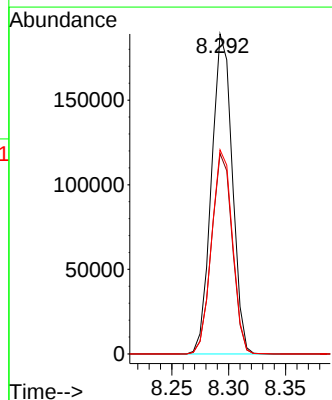
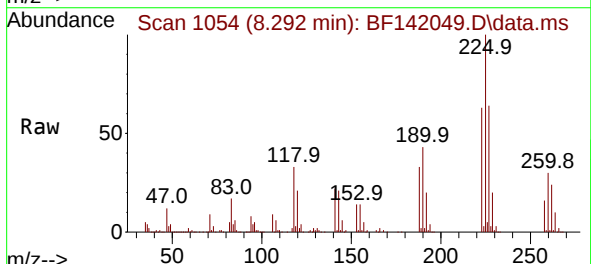
Instrument :
BNA_F
ClientSampleId :

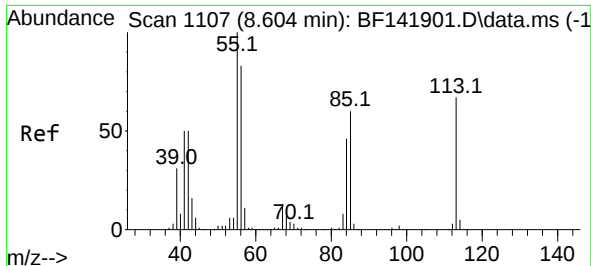
Tgt Ion:	127	Resp:	52154
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.2	39.4
65	30.1	25.4	38.2
92	20.7	16.2	24.4



#34
Hexachlorobutadiene
Concen: 42.918 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

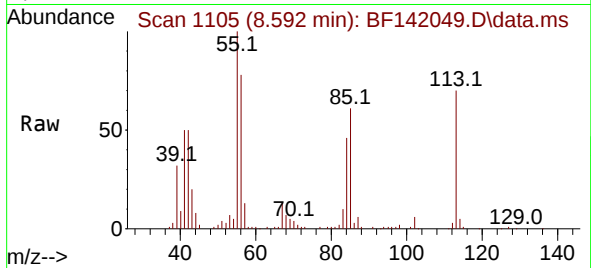
Tgt Ion:	225	Resp:	240408
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	75.8
227	63.8	52.2	78.2



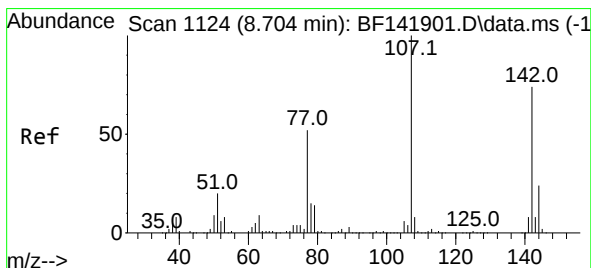
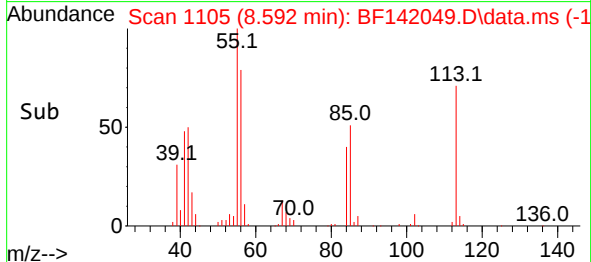
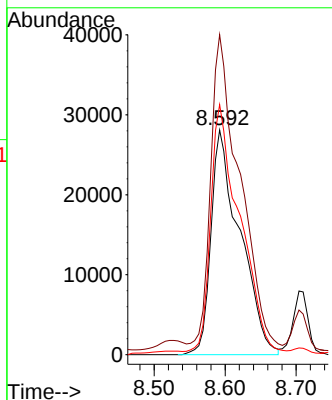


#35
Caprolactam
Concen: 33.374 ng
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Instrument :
BNA_F
ClientSampleId :

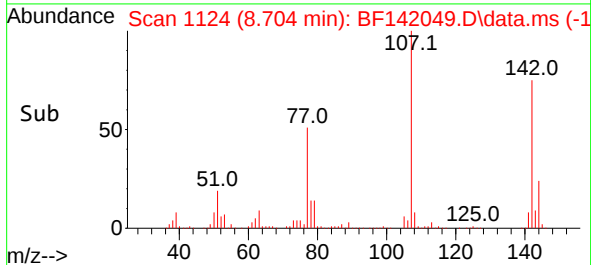
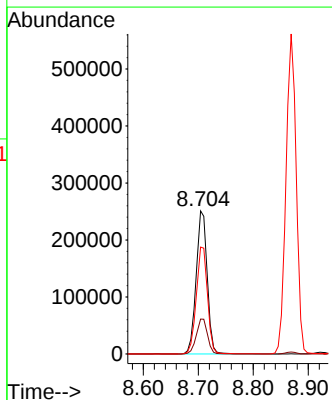
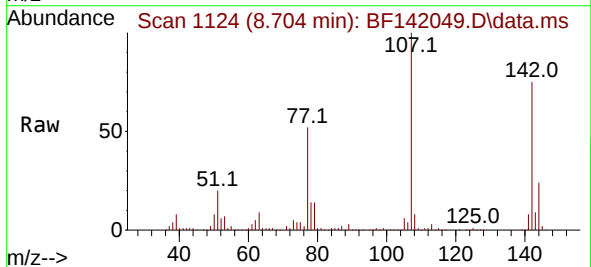


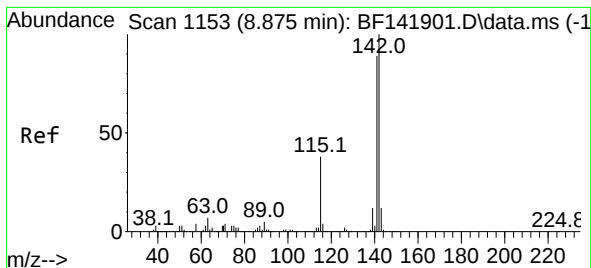
Tgt Ion:113 Resp: 79305
Ion Ratio Lower Upper
113 100
55 142.4 129.6 169.6
56 111.3 104.0 144.0



#36
4-Chloro-3-methylphenol
Concen: 40.551 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt Ion:107 Resp: 352570
Ion Ratio Lower Upper
107 100
144 24.4 19.0 28.6
142 74.7 59.2 88.8





#37

2-Methylnaphthalene

Concen: 40.134 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

Instrument :

BNA_F

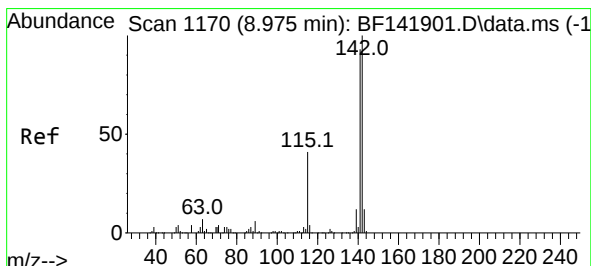
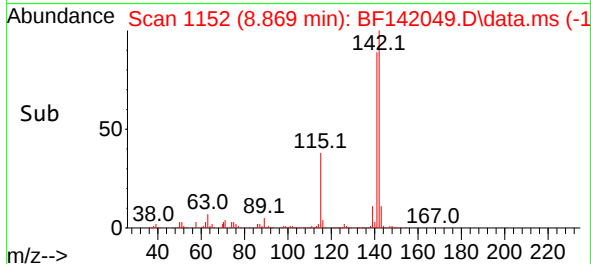
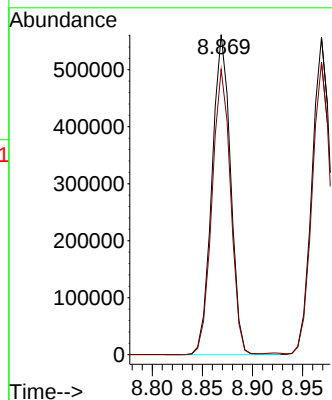
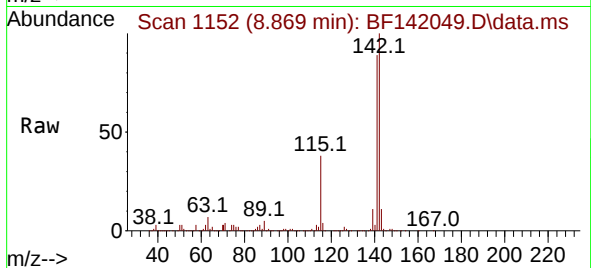
ClientSampleId :

Tgt Ion:142 Resp: 724801

Ion Ratio Lower Upper

142 100

141 89.1 71.2 106.8



#38

1-Methylnaphthalene

Concen: 40.488 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142049.D

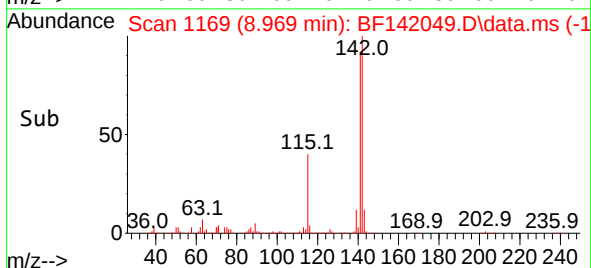
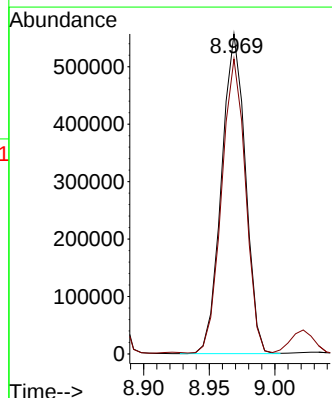
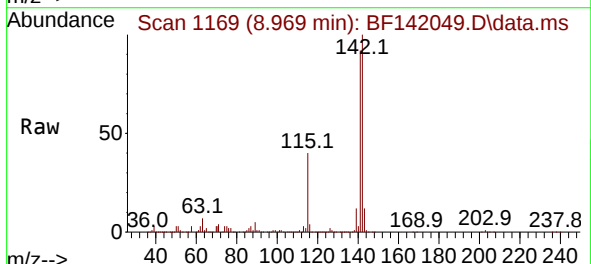
Acq: 24 Mar 2025 12:27

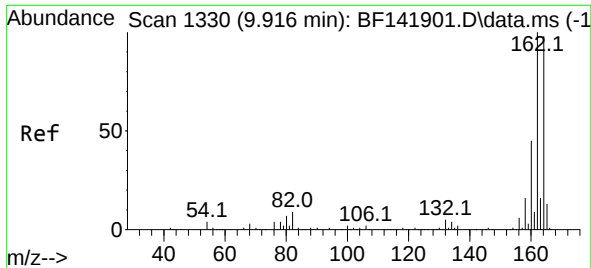
Tgt Ion:142 Resp: 705595

Ion Ratio Lower Upper

142 100

141 92.2 74.2 111.4

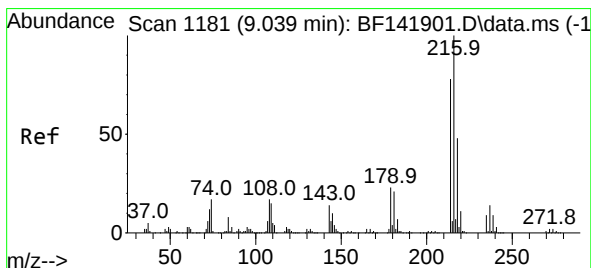
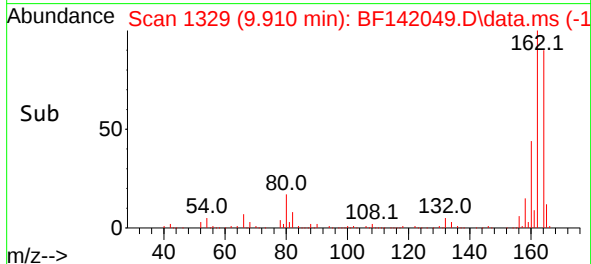
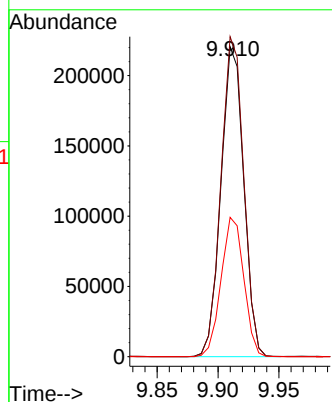
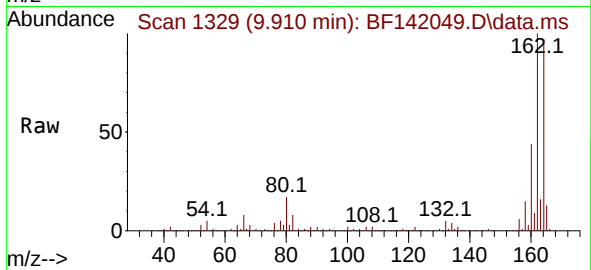




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

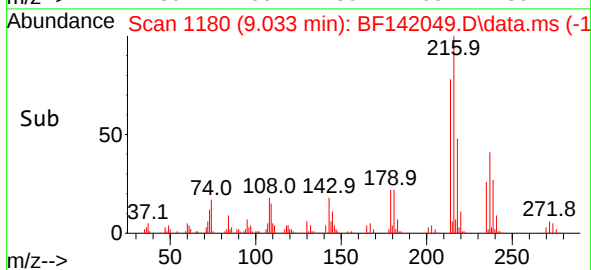
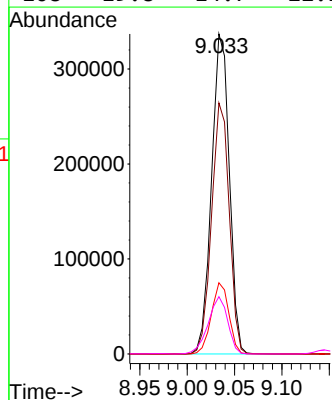
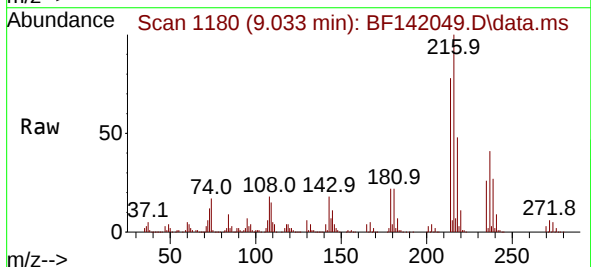
Instrument :
BNA_F
ClientSampleId :

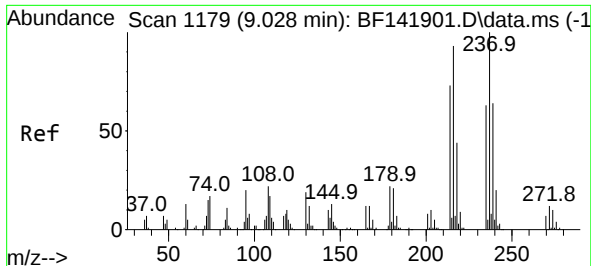
Tgt Ion:164 Resp: 287440
Ion Ratio Lower Upper
164 100
162 103.3 81.8 122.6
160 45.0 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.968 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt Ion:216 Resp: 437292
Ion Ratio Lower Upper
216 100
214 78.2 61.9 92.9
179 21.9 18.1 27.1
108 19.8 14.7 22.1

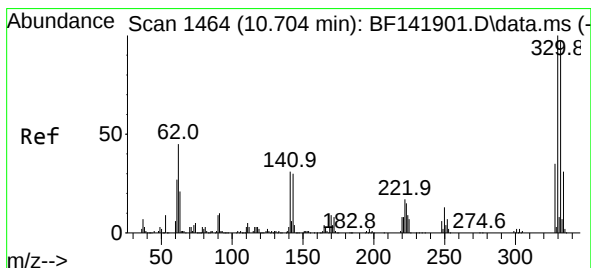
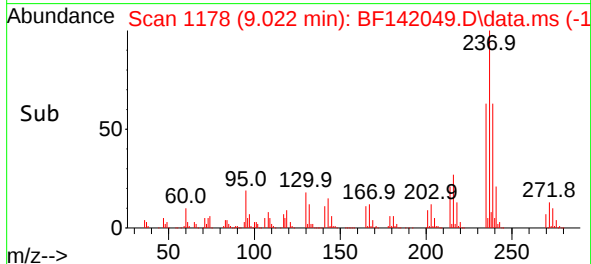
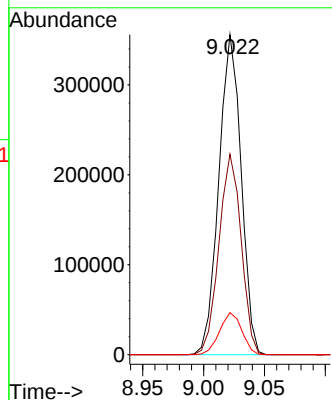
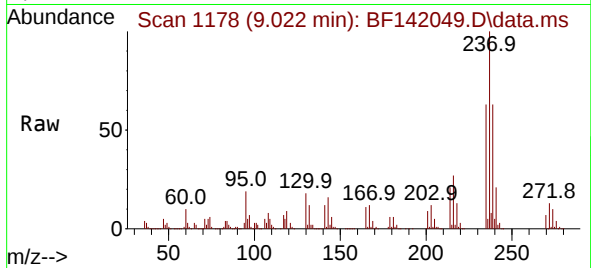




#41
Hexachlorocyclopentadiene
Concen: 132.660 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

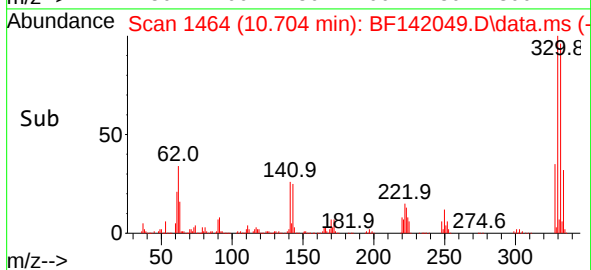
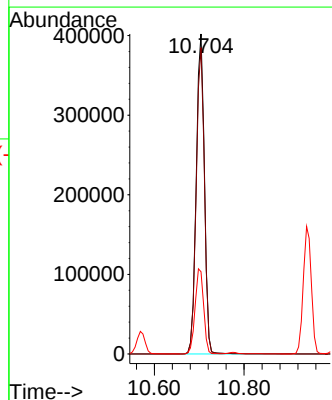
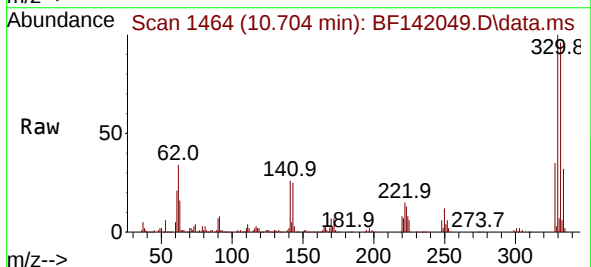
Instrument :
BNA_F
ClientSampleId :

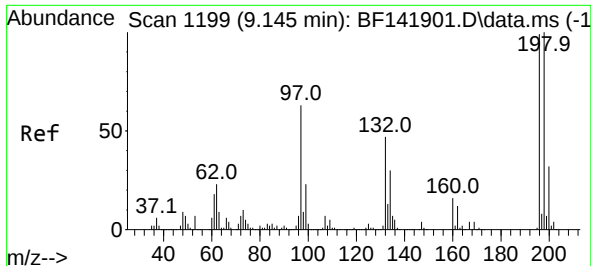
Tgt Ion:237 Resp: 454352
Ion Ratio Lower Upper
237 100
235 62.7 43.1 83.1
272 13.1 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 139.279 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt Ion:330 Resp: 507890
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 27.8 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 45.430 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

Instrument :

BNA_F

ClientSampleId :

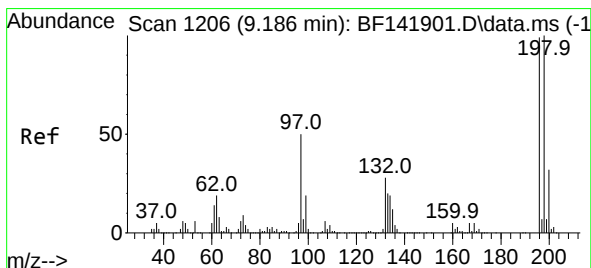
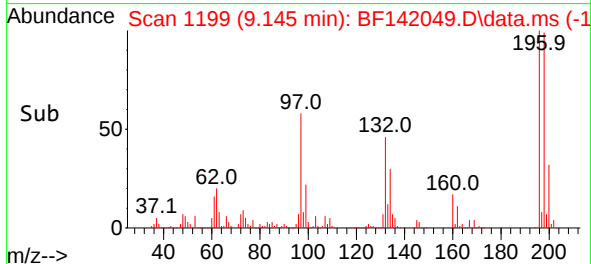
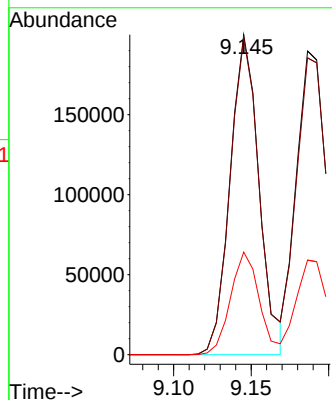
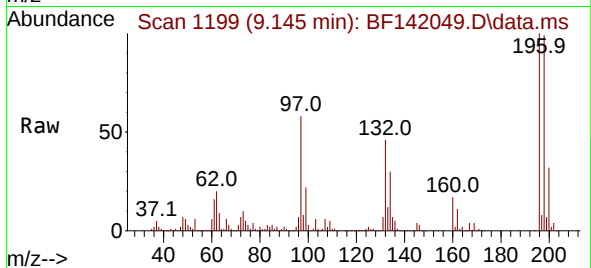
Tgt Ion:196 Resp: 259829

Ion Ratio Lower Upper

196 100

198 99.1 80.6 121.0

200 32.1 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 44.680 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

Tgt Ion:196 Resp: 258813

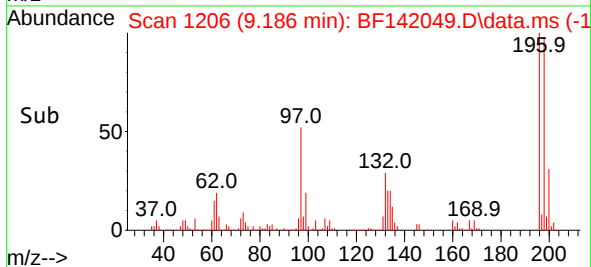
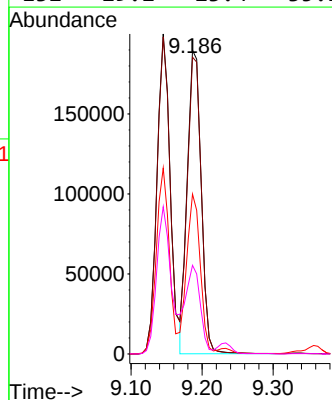
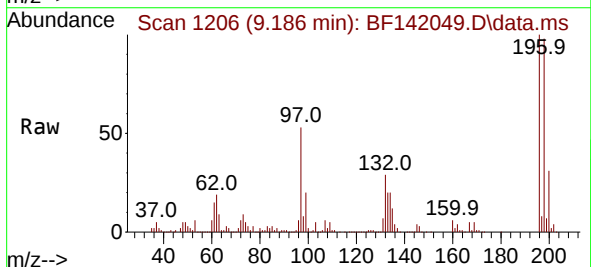
Ion Ratio Lower Upper

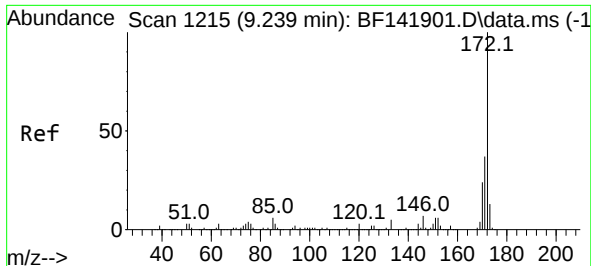
196 100

198 97.7 80.7 121.1

97 52.6 42.1 63.1

132 29.2 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 94.641 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

Instrument :

BNA_F

ClientSampleId :

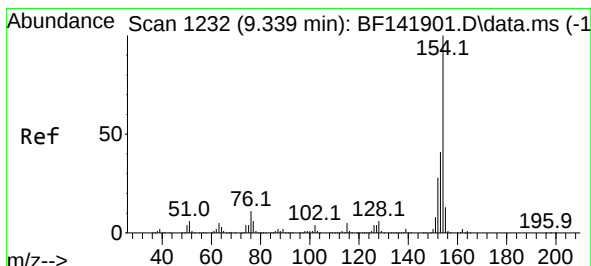
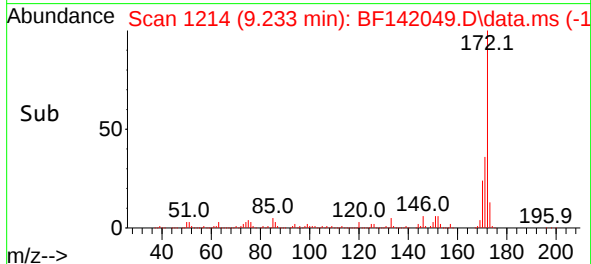
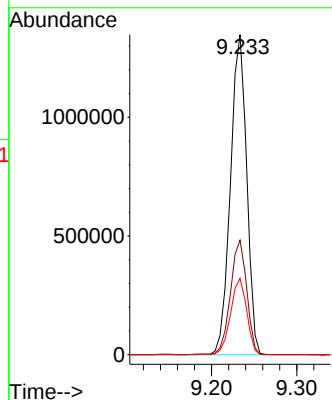
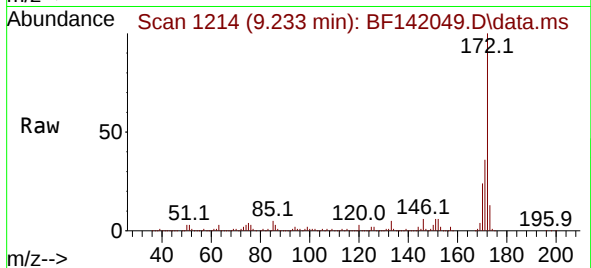
Tgt Ion:172 Resp: 1788766

Ion Ratio Lower Upper

172 100

171 35.8 29.3 43.9

170 23.8 19.4 29.0



#46

1,1'-Biphenyl

Concen: 48.824 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

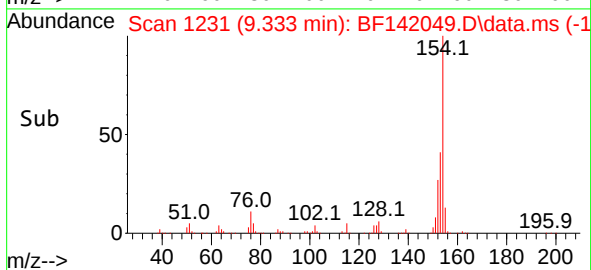
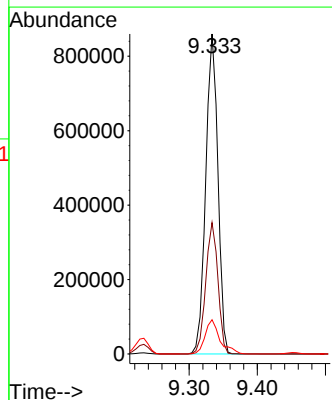
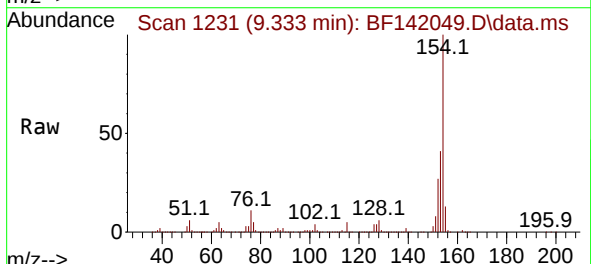
Tgt Ion:154 Resp: 1066329

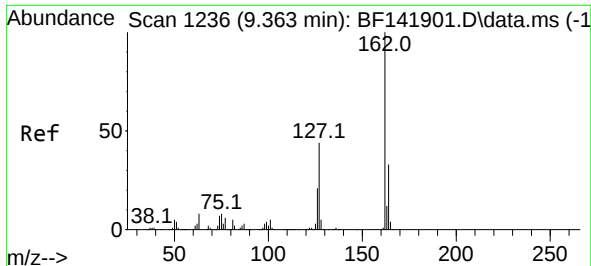
Ion Ratio Lower Upper

154 100

153 41.1 21.1 61.1

76 10.7 0.0 31.3

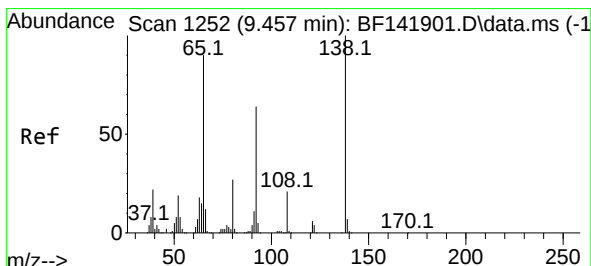
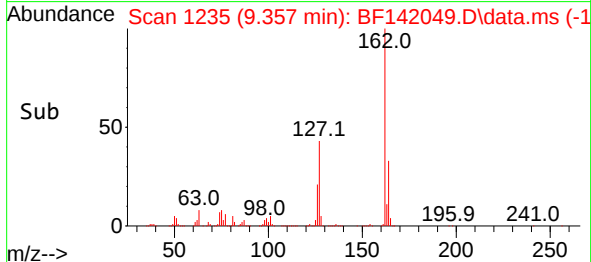
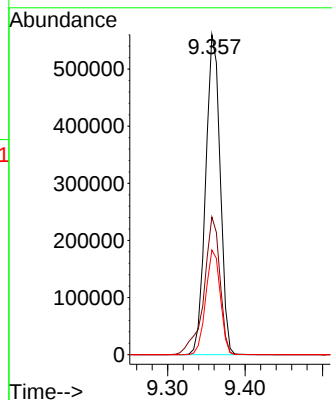
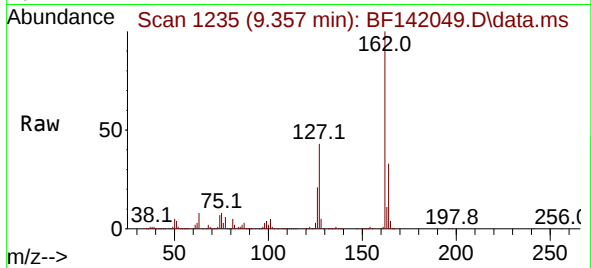




#47
2-Chloronaphthalene
Concen: 44.737 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

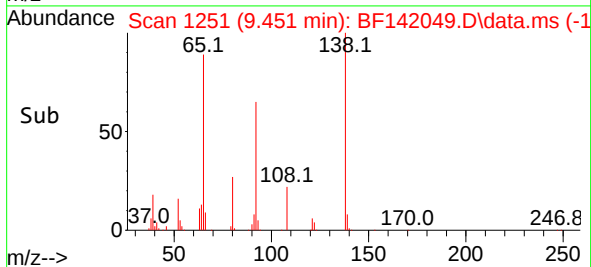
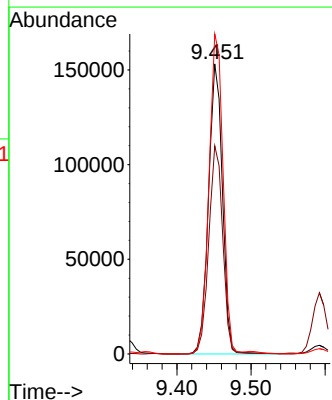
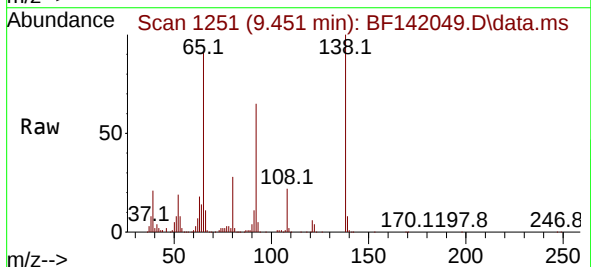
Instrument :
BNA_F
ClientSampleId :

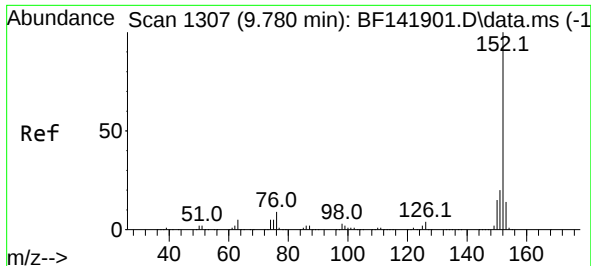
Tgt Ion:162 Resp: 728257
Ion Ratio Lower Upper
162 100
127 43.1 35.5 53.3
164 32.7 26.6 40.0



#48
2-Nitroaniline
Concen: 42.545 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt Ion: 65 Resp: 200526
Ion Ratio Lower Upper
65 100
92 71.8 56.6 84.8
138 110.3 88.6 133.0





#49

Acenaphthylene

Concen: 45.917 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

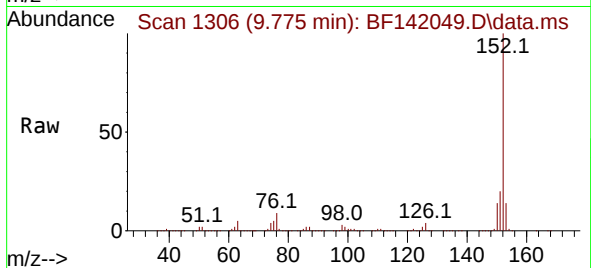
Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

Instrument :

BNA_F

ClientSampleId :



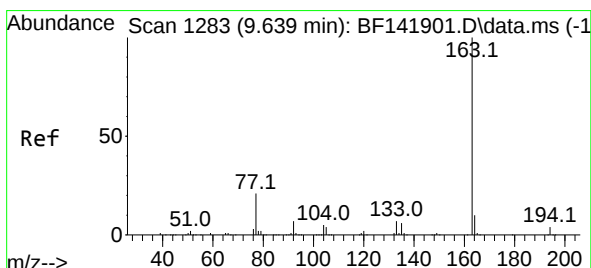
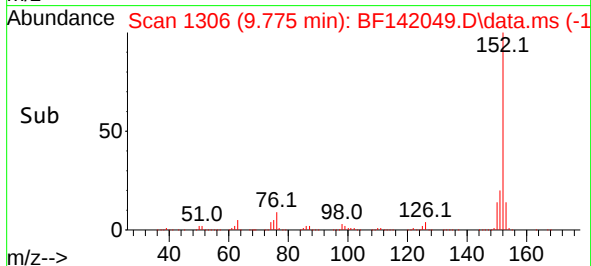
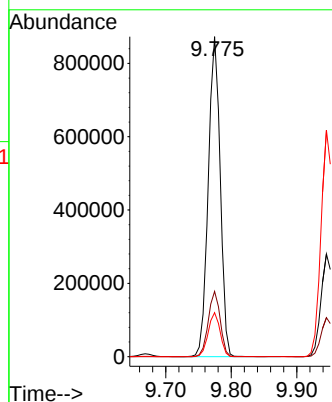
Tgt Ion:152 Resp: 1109203

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.8 11.1 16.7



#50

Dimethylphthalate

Concen: 42.616 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

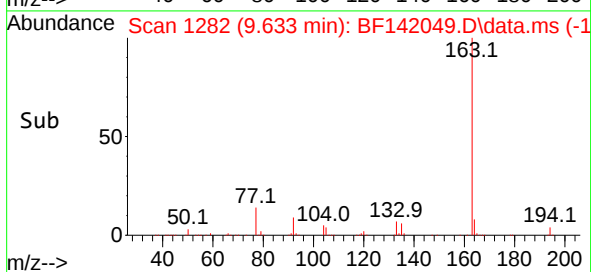
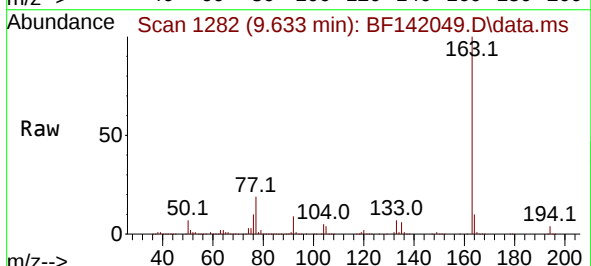
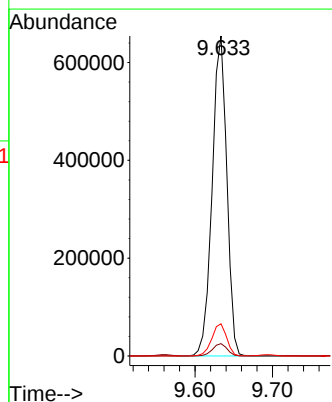
Tgt Ion:163 Resp: 857813

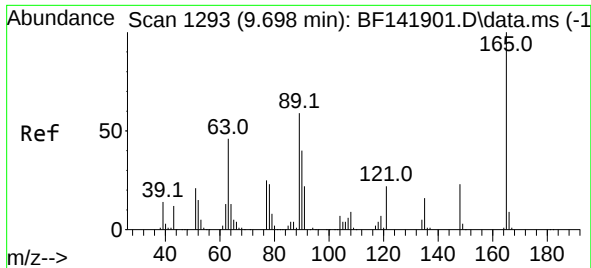
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

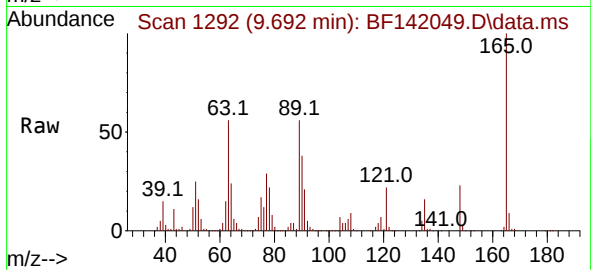
164 10.1 8.2 12.4



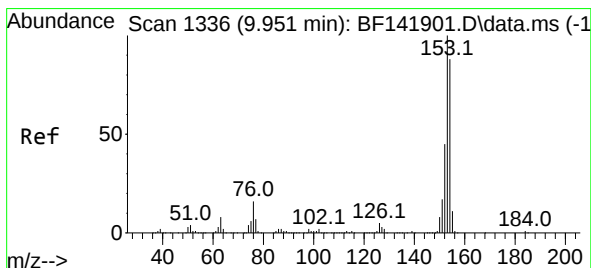
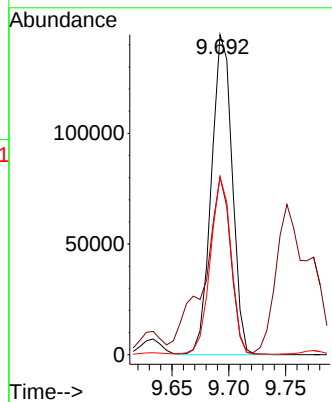
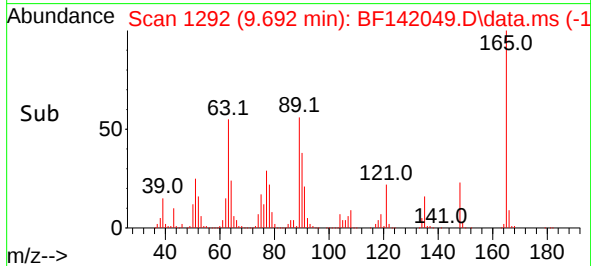


#51
2,6-Dinitrotoluene
Concen: 44.058 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

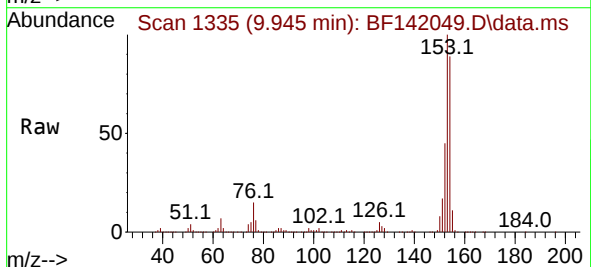
Instrument :
BNA_F
ClientSampleId :



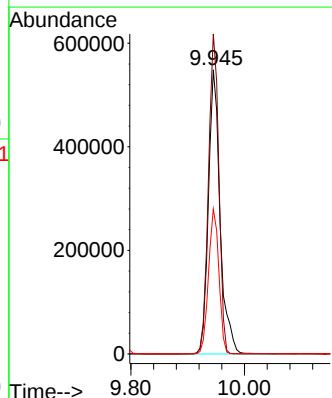
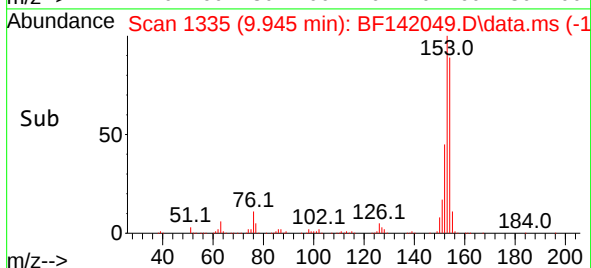
Tgt Ion:165 Resp: 184645
Ion Ratio Lower Upper
165 100
63 55.6 47.0 70.4
89 55.6 47.4 71.2

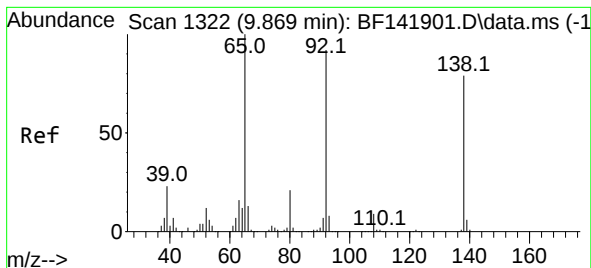


#52
Acenaphthene
Concen: 46.030 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27



Tgt Ion:154 Resp: 781408
Ion Ratio Lower Upper
154 100
153 112.6 90.7 136.1
152 51.0 41.1 61.7





#53

3-Nitroaniline

Concen: 12.426 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

Instrument :

BNA_F

ClientSampleId :

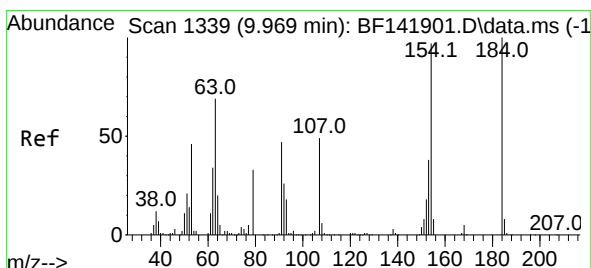
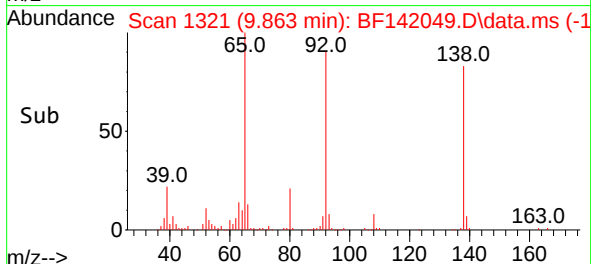
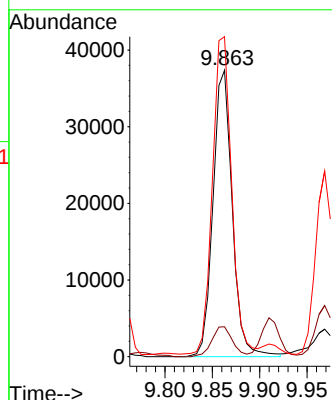
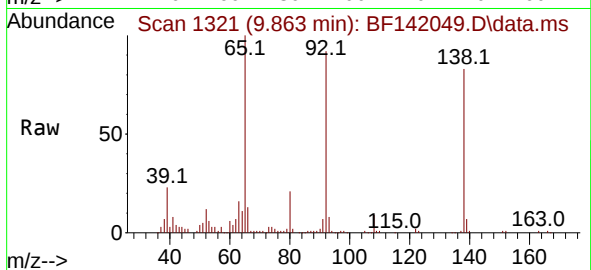
Tgt Ion:138 Resp: 52824

Ion Ratio Lower Upper

138 100

108 10.5 9.3 13.9

92 111.8 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 56.145 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

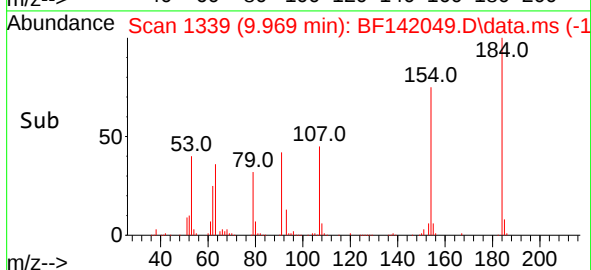
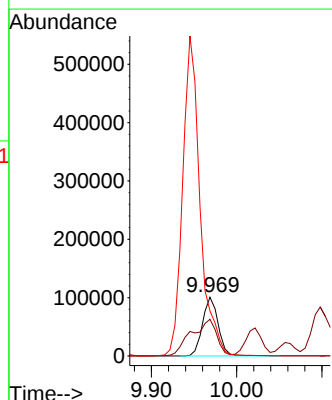
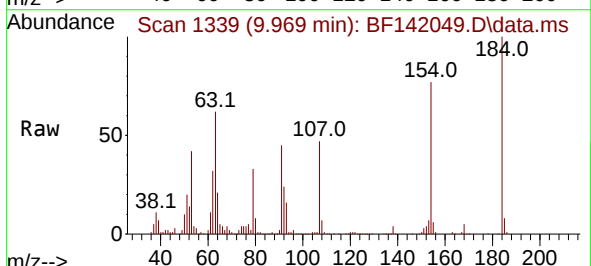
Tgt Ion:184 Resp: 128608

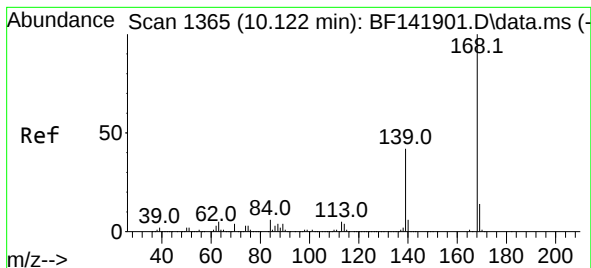
Ion Ratio Lower Upper

184 100

63 62.5 60.2 90.4

154 76.8 132.9 199.3#

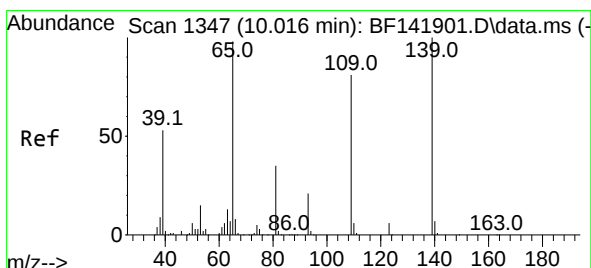
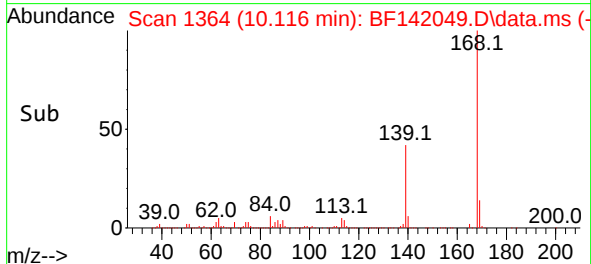
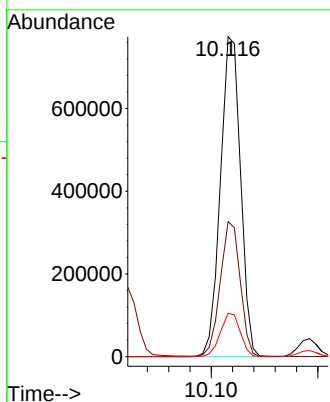
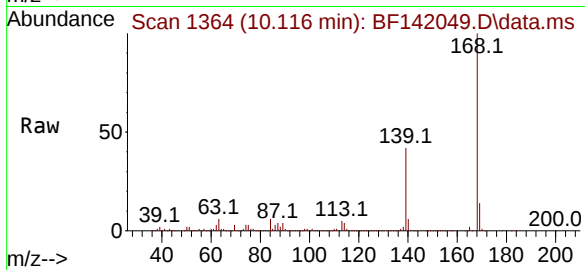




#55
Dibenzenofuran
Concen: 41.910 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

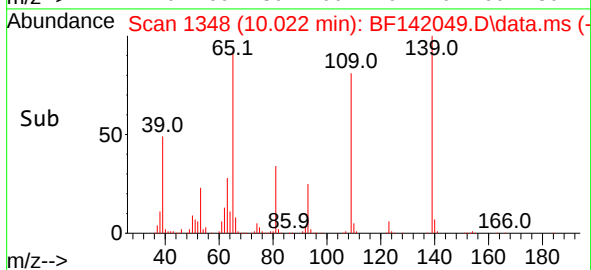
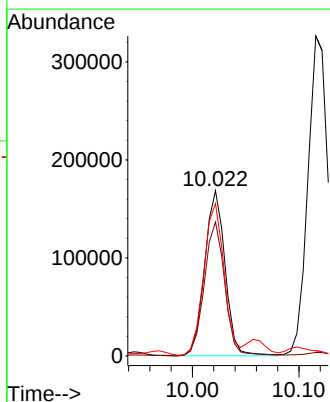
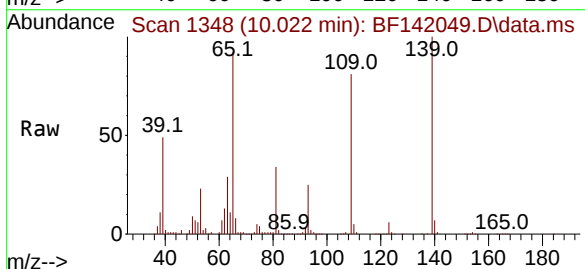
Instrument :
BNA_F
ClientSampleId :

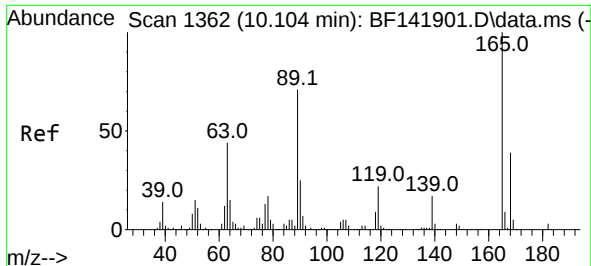
Tgt Ion:168 Resp: 1016623
Ion Ratio Lower Upper
168 100
139 42.2 33.9 50.9
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 70.175 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

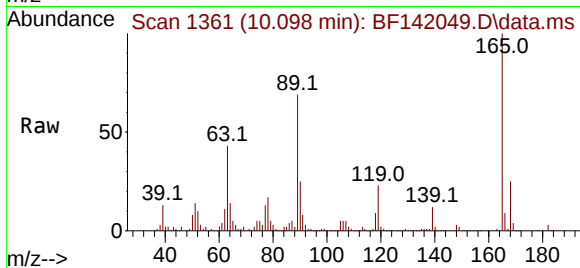
Tgt Ion:139 Resp: 224978
Ion Ratio Lower Upper
139 100
109 81.2 61.6 101.6
65 92.2 79.4 119.4



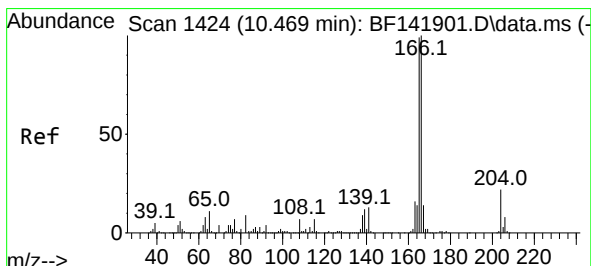
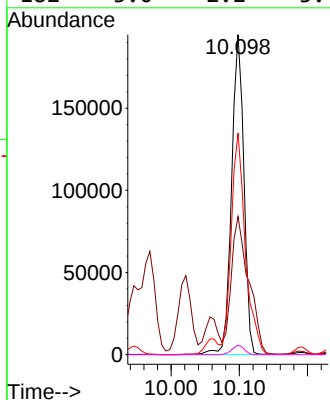
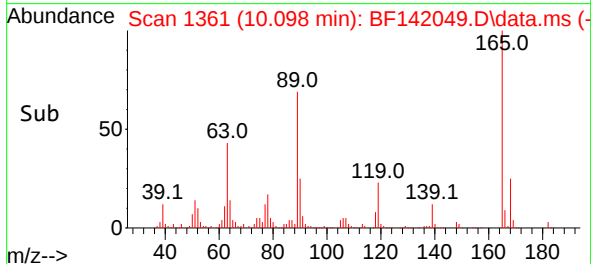


#57
2,4-Dinitrotoluene
Concen: 44.675 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

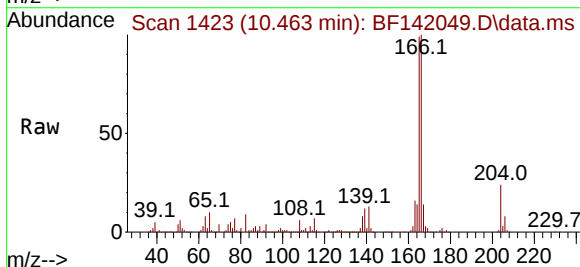
Instrument :
BNA_F
ClientSampleId :



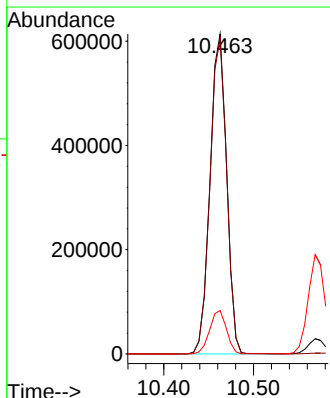
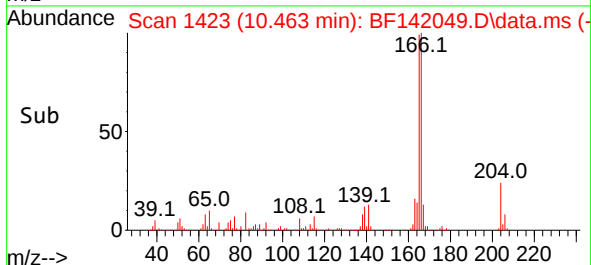
Tgt Ion:165 Resp: 244543
Ion Ratio Lower Upper
165 100
63 43.2 35.4 53.2
89 69.2 56.6 84.8
182 3.0 2.2 3.4

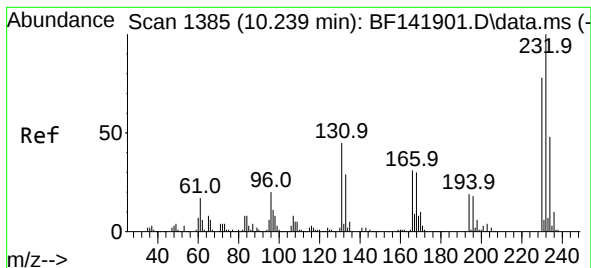


#58
Fluorene
Concen: 42.205 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27



Tgt Ion:166 Resp: 789495
Ion Ratio Lower Upper
166 100
165 98.6 79.0 118.4
167 13.5 11.0 16.4

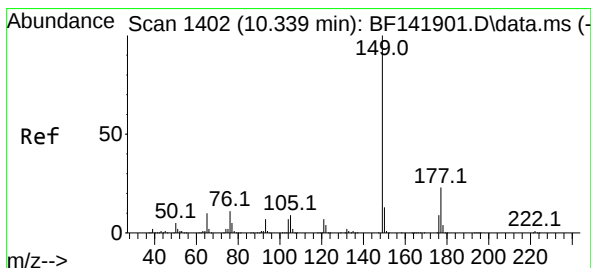
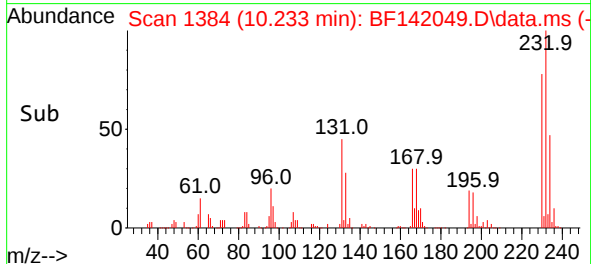
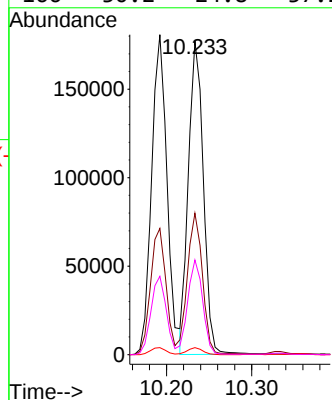
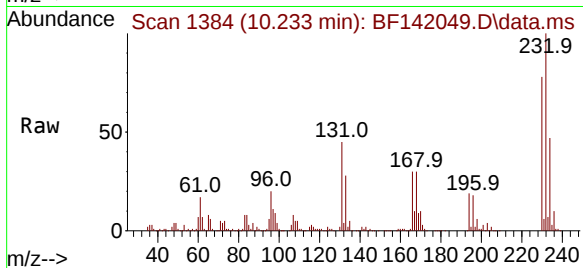




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.007 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

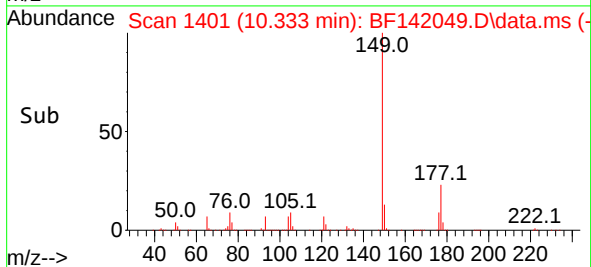
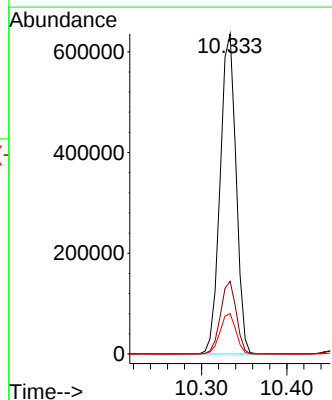
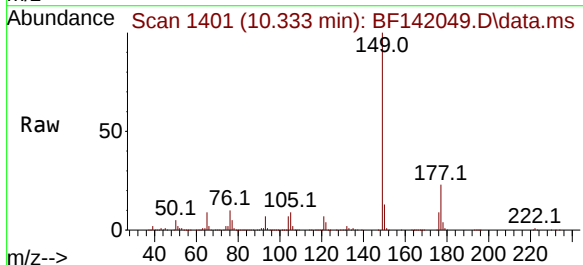
Instrument :
BNA_F
ClientSampleId :

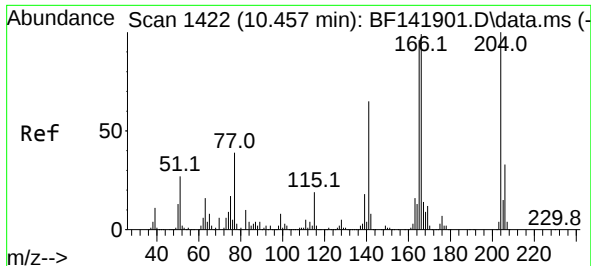
Tgt Ion:232 Resp: 216152
Ion Ratio Lower Upper
232 100
131 45.9 37.3 55.9
130 2.3 1.9 2.9
166 30.2 24.8 37.2



#60
Diethylphthalate
Concen: 41.104 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt Ion:149 Resp: 825002
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 12.6 10.2 15.4

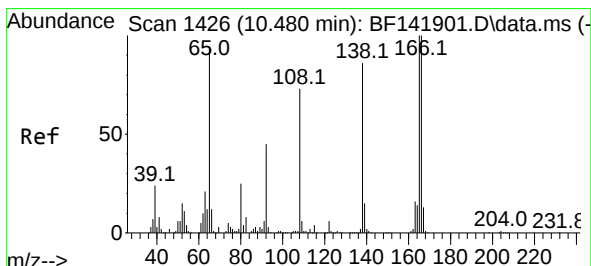
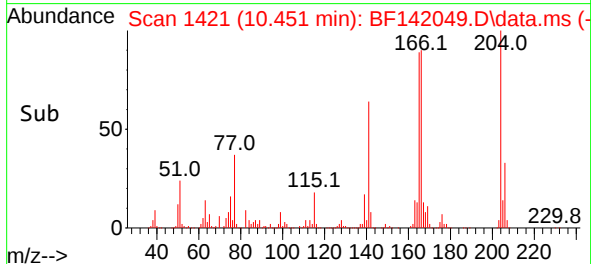
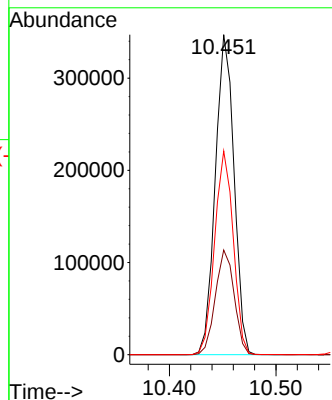
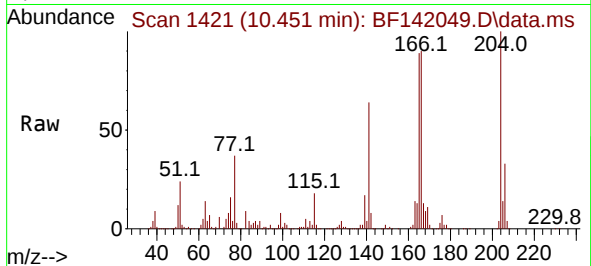




#61
4-Chlorophenyl-phenylether
Concen: 43.448 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

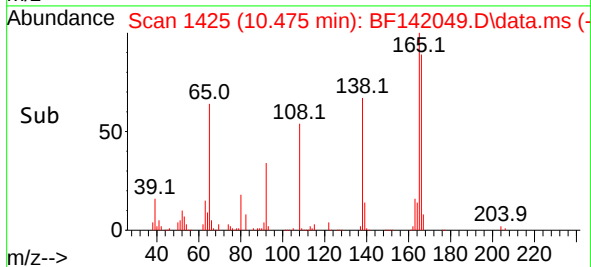
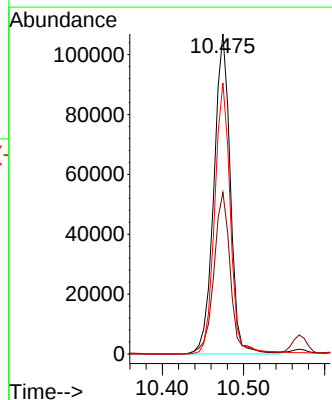
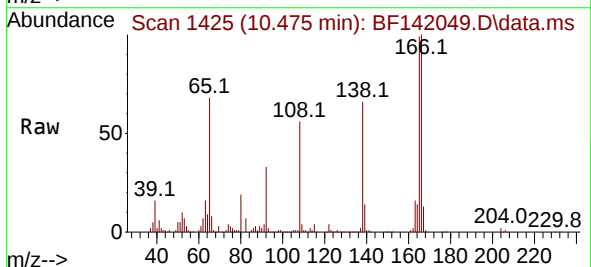
Instrument :
BNA_F
ClientSampleId :

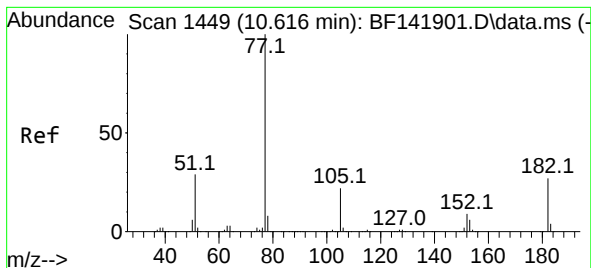
Tgt Ion:204 Resp: 423732
Ion Ratio Lower Upper
204 100
206 32.7 26.8 40.2
141 63.7 52.4 78.6



#62
4-Nitroaniline
Concen: 36.288 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt Ion:138 Resp: 150187
Ion Ratio Lower Upper
138 100
92 50.5 32.6 72.6
108 84.7 65.0 105.0

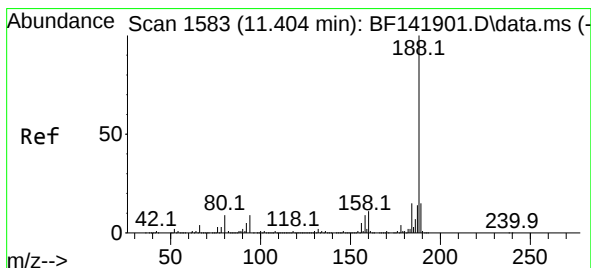
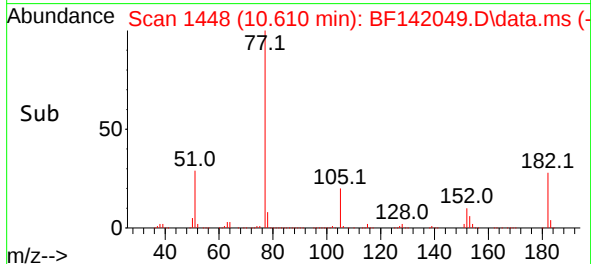
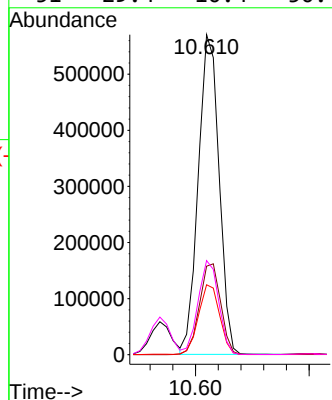
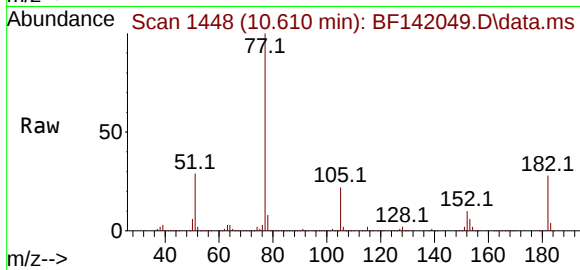




#63
Azobenzene
Concen: 38.745 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

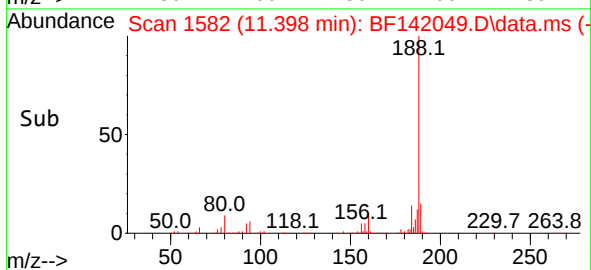
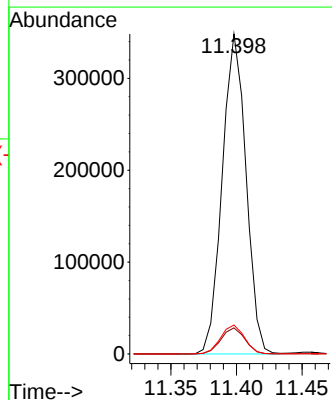
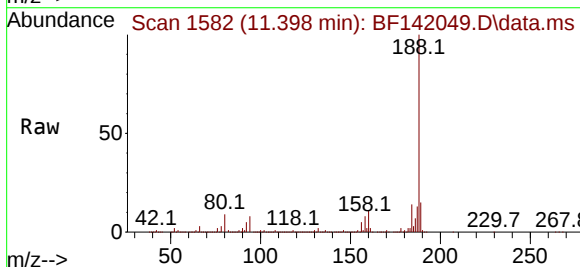
Instrument :
BNA_F
ClientSampleId :

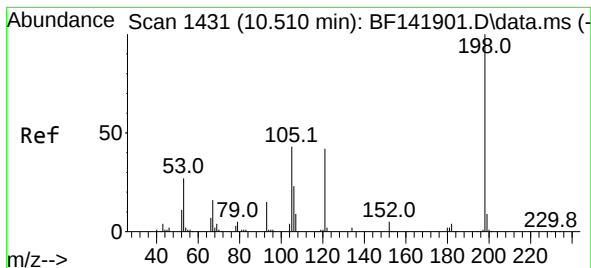
Tgt Ion:	77	Resp:	722995
Ion	Ratio	Lower	Upper
77	100		
182	27.7	6.6	46.6
105	21.9	1.3	41.3
51	29.4	10.4	50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt Ion:	188	Resp:	438659
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.8	10.2
80	9.0	7.6	11.4

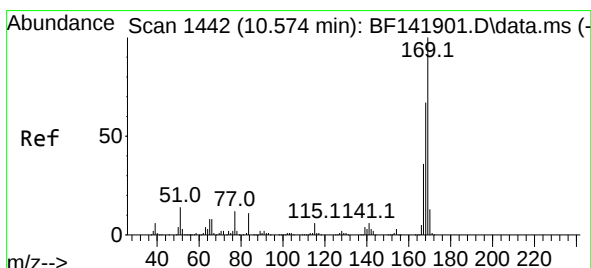
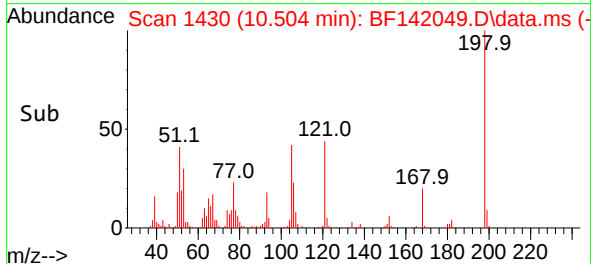
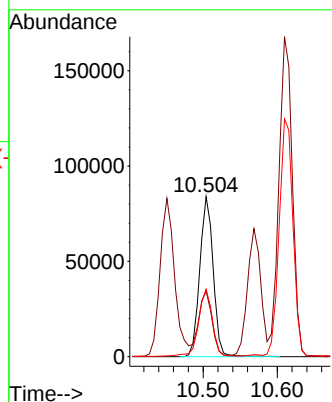
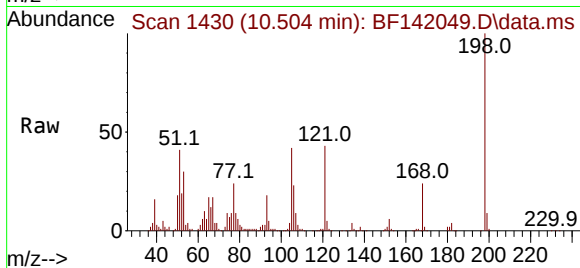




#65
4,6-Dinitro-2-methylphenol
Concen: 40.435 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

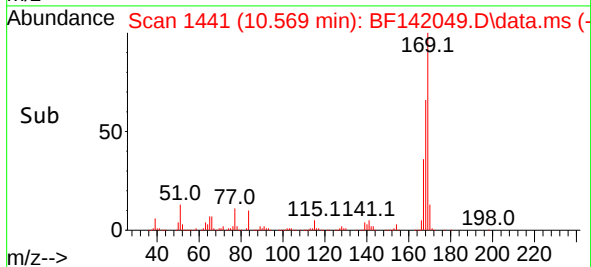
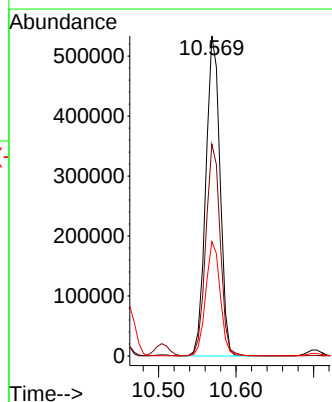
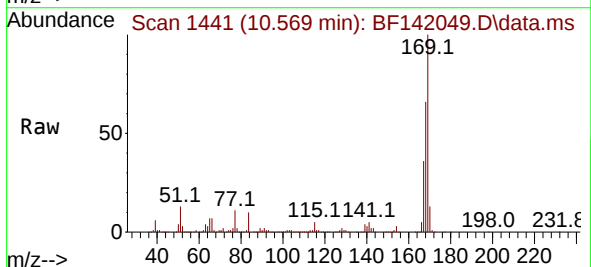
Instrument :
BNA_F
ClientSampleId :

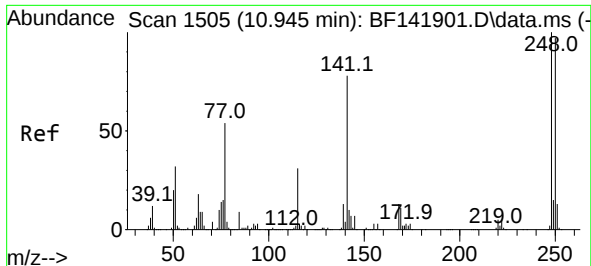
Tgt Ion:198 Resp: 105740
Ion Ratio Lower Upper
198 100
51 40.9 22.3 62.3
105 42.1 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 47.771 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

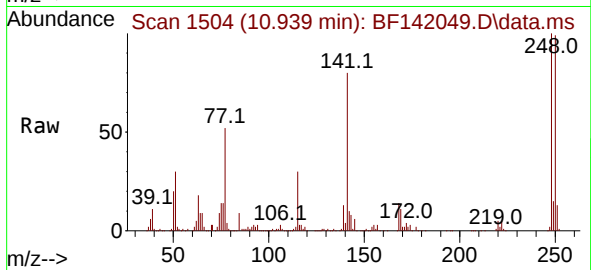
Tgt Ion:169 Resp: 678120
Ion Ratio Lower Upper
169 100
168 66.2 53.7 80.5
167 35.7 29.2 43.8



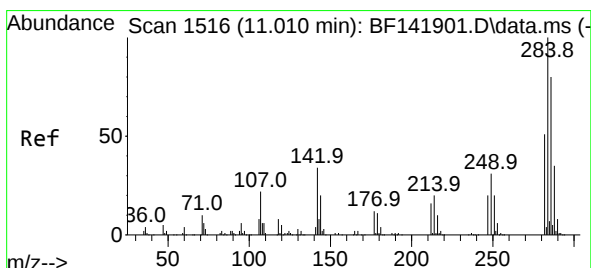
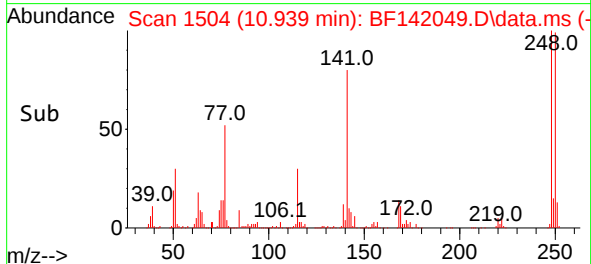
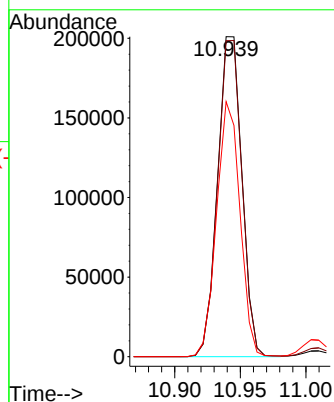


#67
4-Bromophenyl-phenylether
Concen: 47.201 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Instrument :
BNA_F
ClientSampleId :

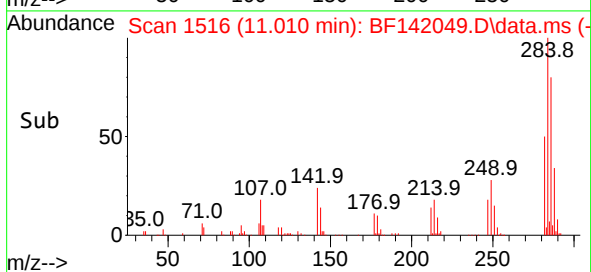
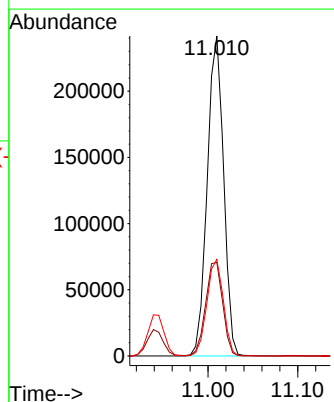
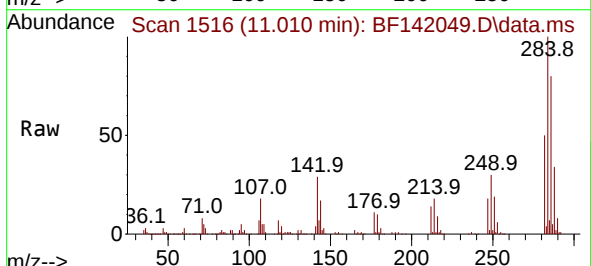


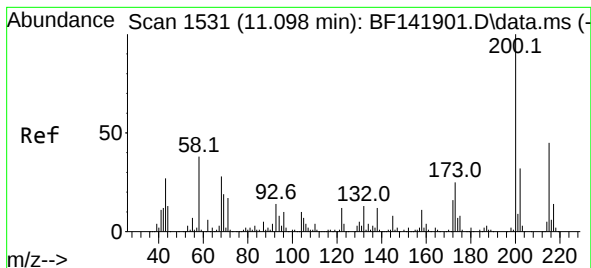
Tgt Ion:248 Resp: 260035
Ion Ratio Lower Upper
248 100
250 98.8 77.8 116.8
141 79.7 62.6 93.8



#68
Hexachlorobenzene
Concen: 50.628 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt Ion:284 Resp: 305901
Ion Ratio Lower Upper
284 100
142 29.3 27.0 40.6
249 30.2 25.2 37.8





#69

Atrazine

Concen: 55.020 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

Instrument :

BNA_F

ClientSampleId :

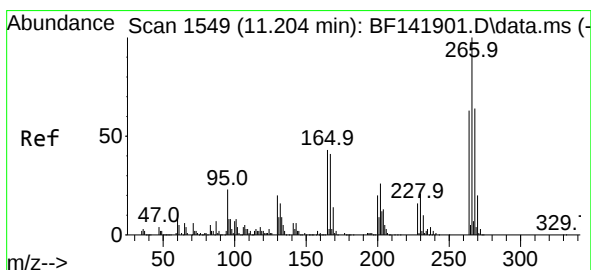
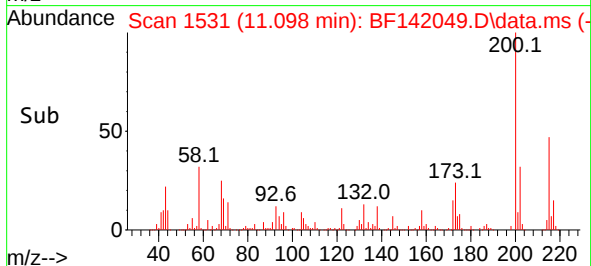
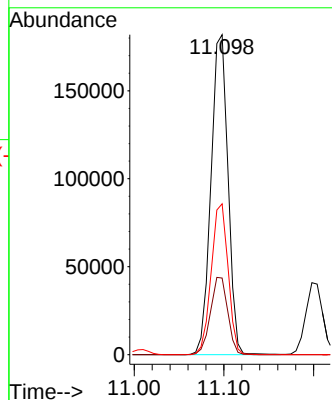
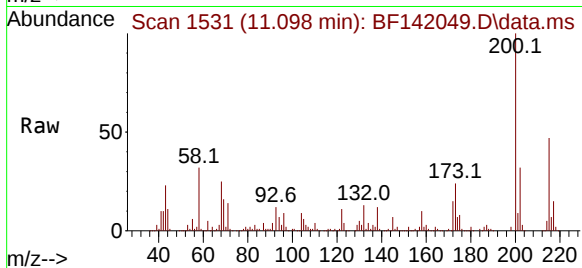
Tgt Ion:200 Resp: 239427

Ion Ratio Lower Upper

200 100

173 24.0 4.7 44.7

215 47.1 25.4 65.4



#70

Pentachlorophenol

Concen: 78.360 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

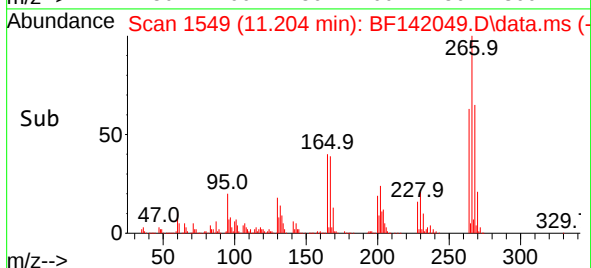
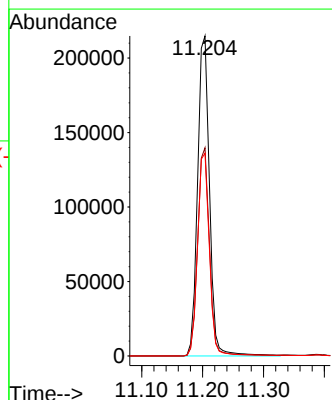
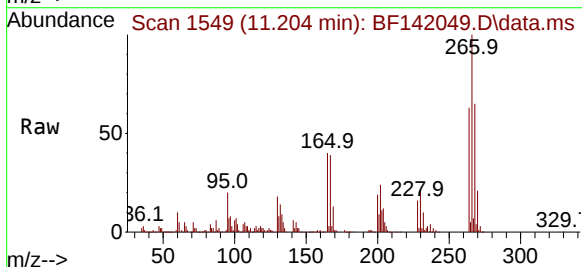
Tgt Ion:266 Resp: 291715

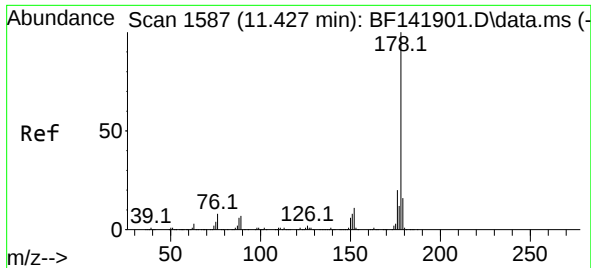
Ion Ratio Lower Upper

266 100

268 65.1 51.0 76.6

264 63.4 50.2 75.2

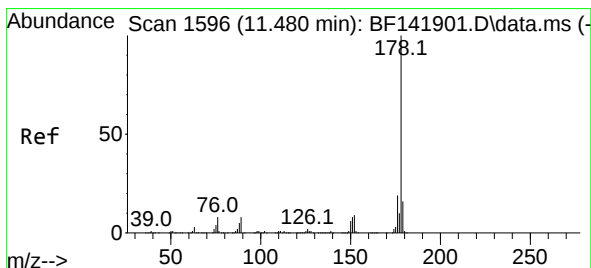
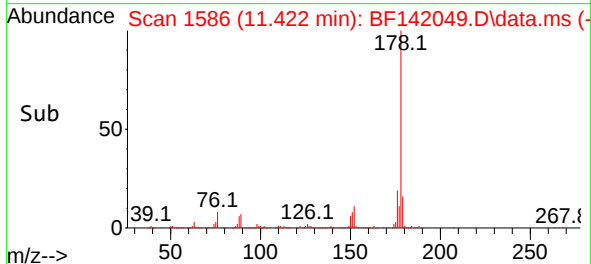
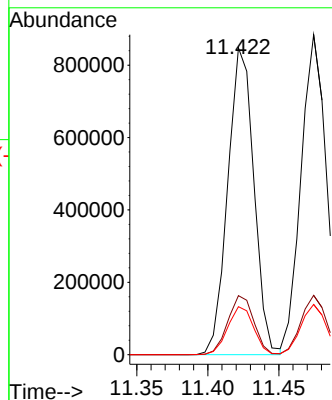
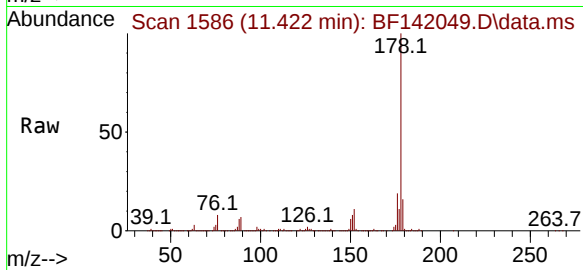




#71
Phenanthrene
Concen: 45.849 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

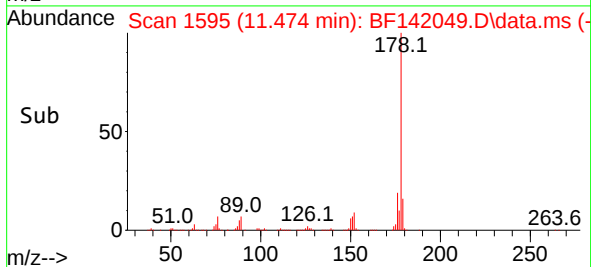
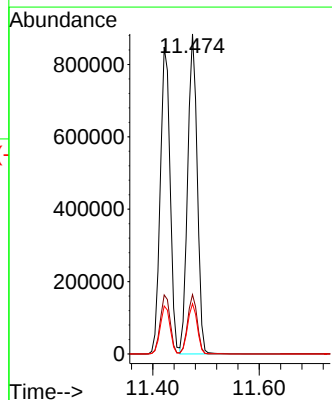
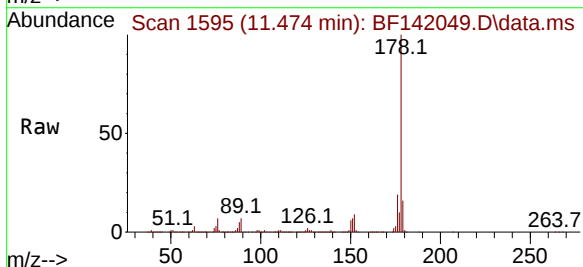
Instrument :
BNA_F
ClientSampleId :

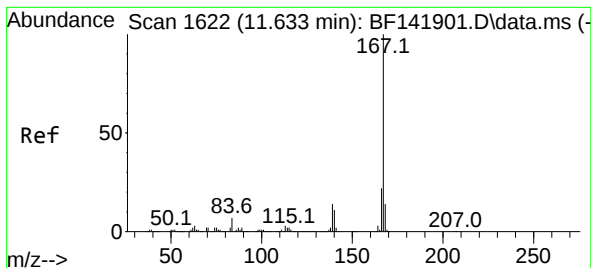
Tgt Ion:178 Resp: 1086309
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 15.7 12.6 19.0



#72
Anthracene
Concen: 46.211 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt Ion:178 Resp: 1098472
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.7 12.6 19.0





#73

Carbazole

Concen: 40.753 ng

RT: 11.627 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

Instrument :

BNA_F

ClientSampleId :

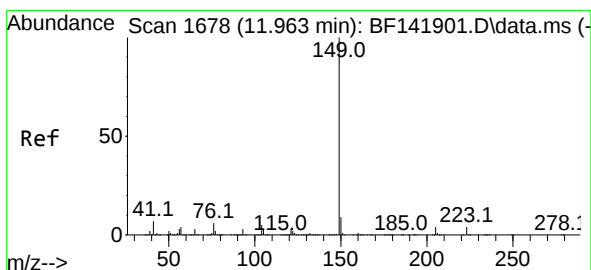
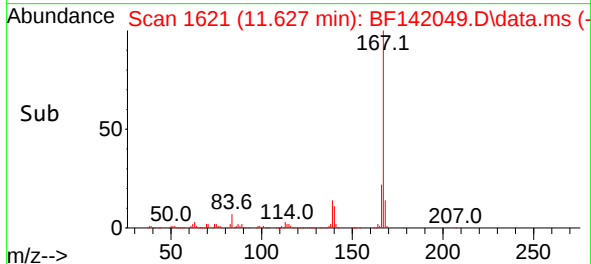
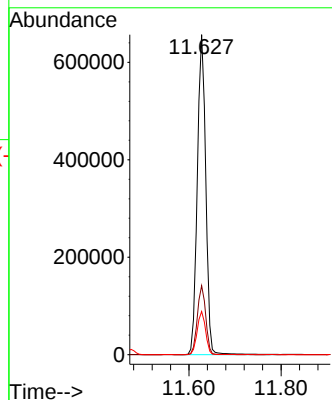
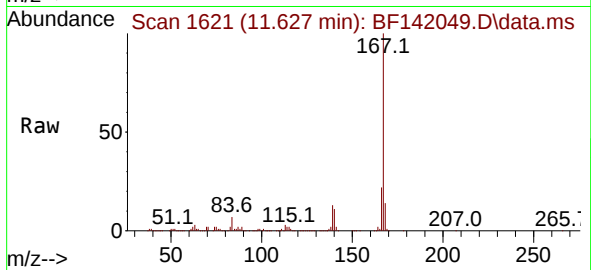
Tgt Ion:167 Resp: 835439

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.2

139 13.5 11.0 16.6



#74

Di-n-butylphthalate

Concen: 40.154 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

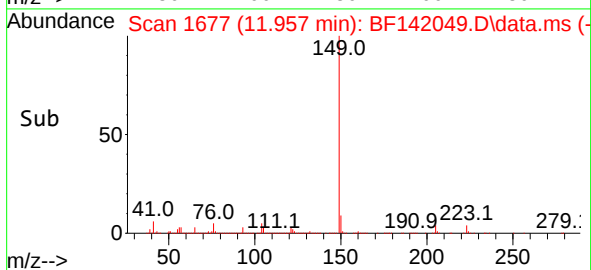
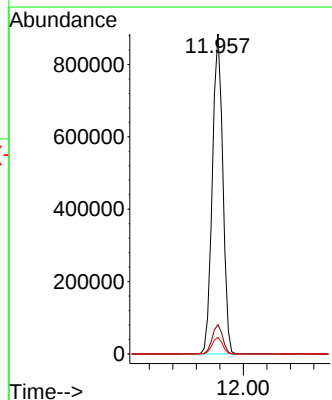
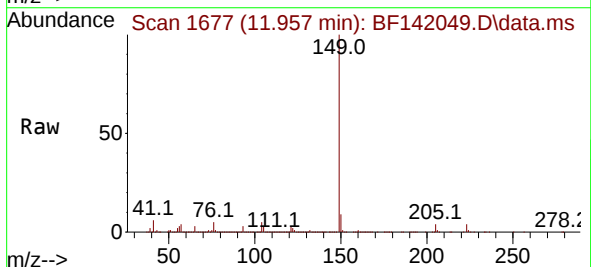
Tgt Ion:149 Resp: 1092231

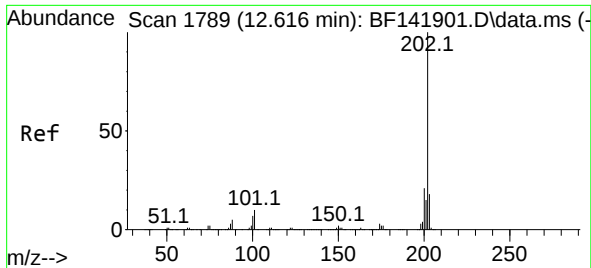
Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

104 5.2 4.4 6.6

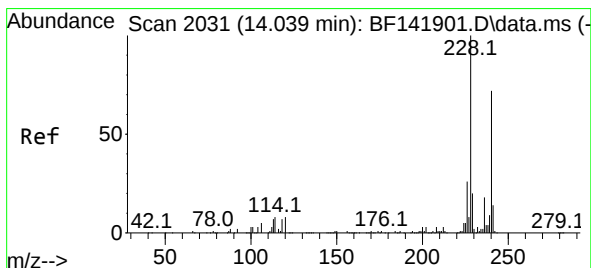
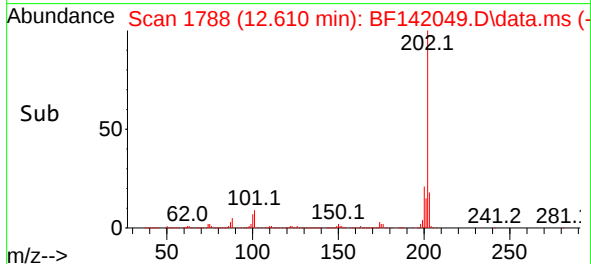
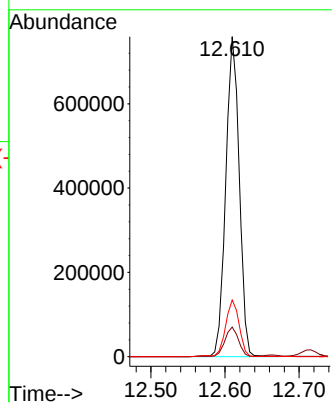
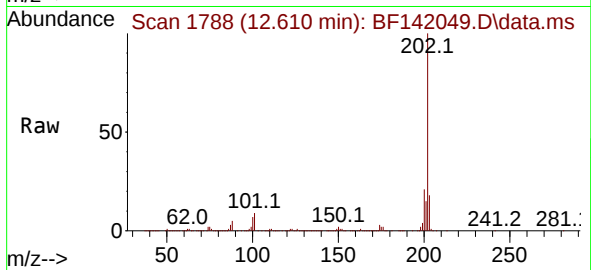




#75
Fluoranthene
Concen: 38.255 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

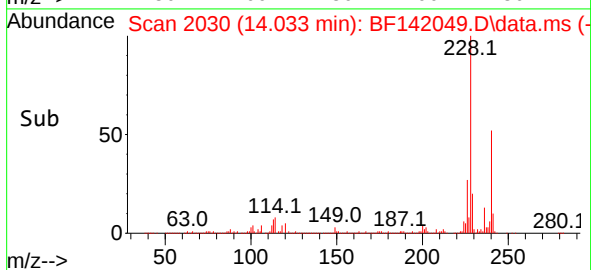
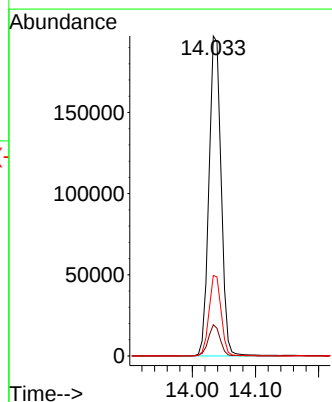
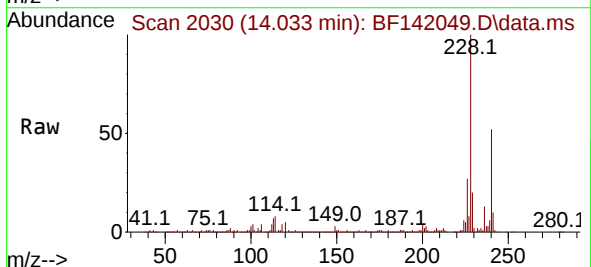
Instrument :
BNA_F
ClientSampleId :

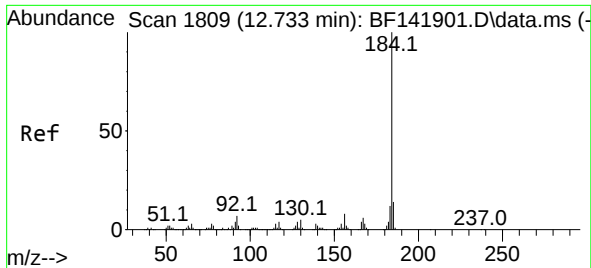
Tgt Ion:202 Resp: 961462
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.7
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt Ion:240 Resp: 263592
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.2 20.5 30.7

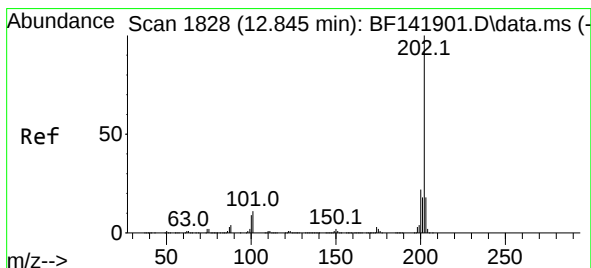
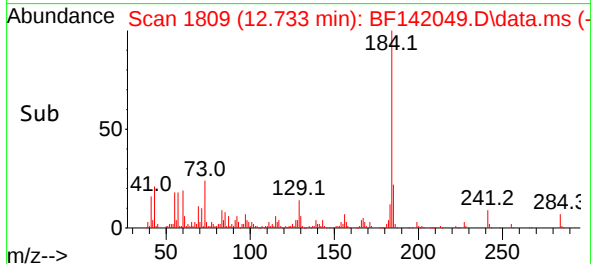
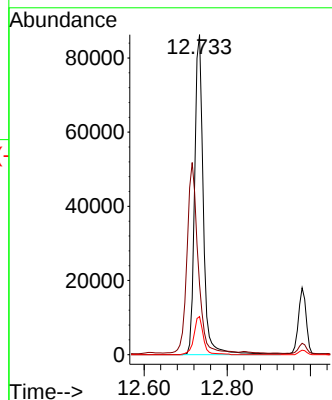
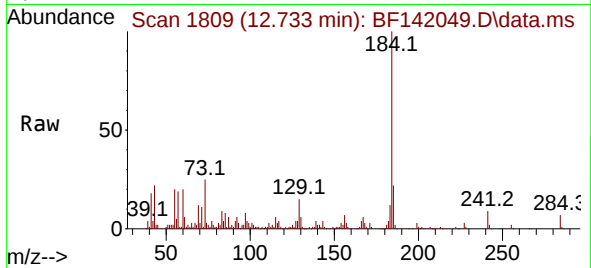




#77
Benzidine
Concen: 33.924 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

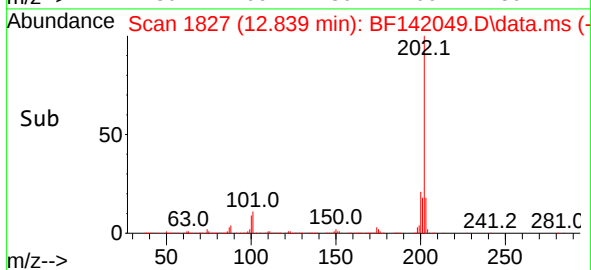
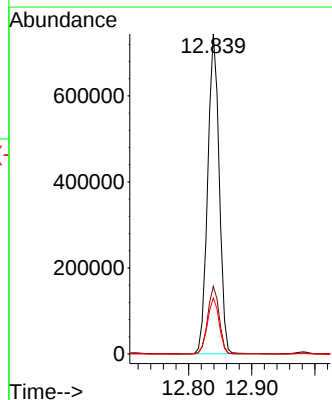
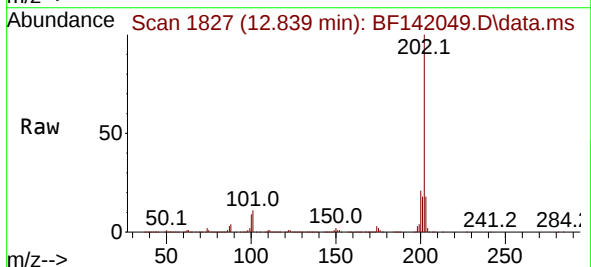
Instrument :
BNA_F
ClientSampleId :

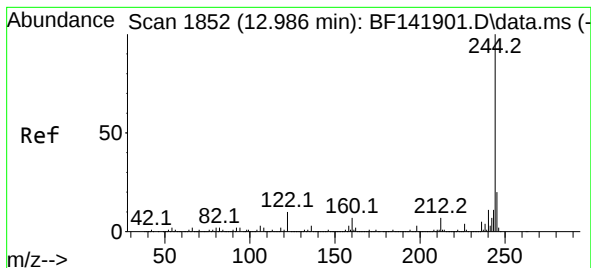
Tgt Ion:184 Resp: 124760
Ion Ratio Lower Upper
184 100
185 21.9 11.5 17.3#
183 11.9 9.7 14.5



#78
Pyrene
Concen: 41.263 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt Ion:202 Resp: 940832
Ion Ratio Lower Upper
202 100
200 21.2 17.3 25.9
203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 92.545 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

Instrument :

BNA_F

ClientSampleId :

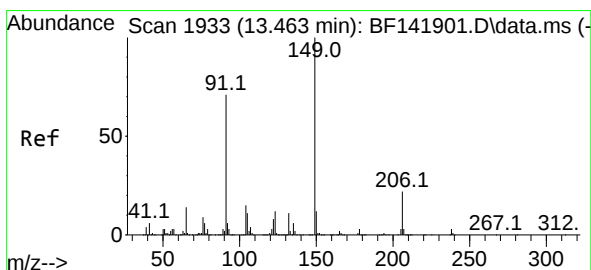
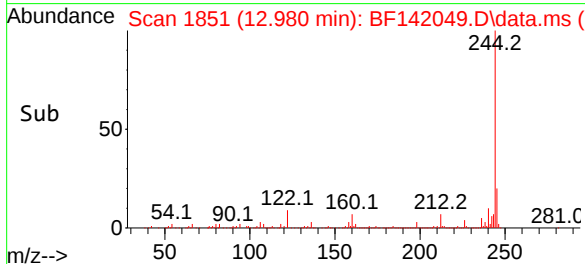
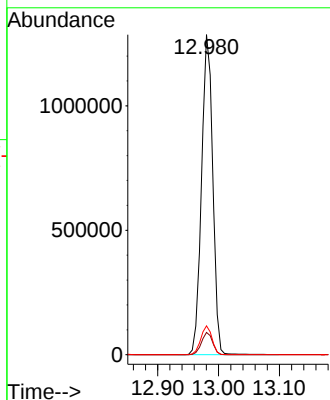
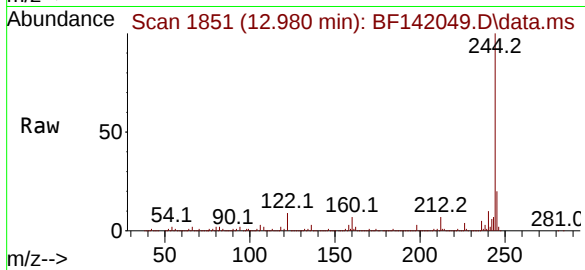
Tgt Ion:244 Resp: 1649972

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.0 7.7 11.5



#80

Butylbenzylphthalate

Concen: 38.557 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

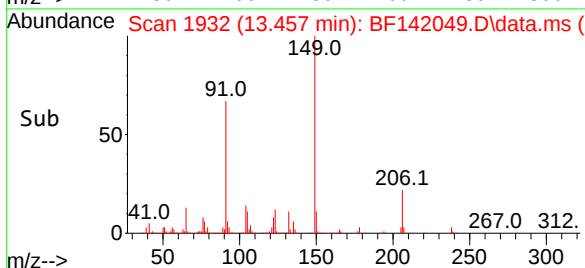
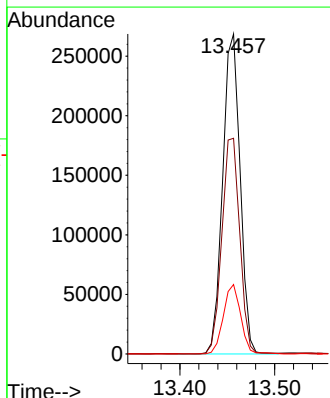
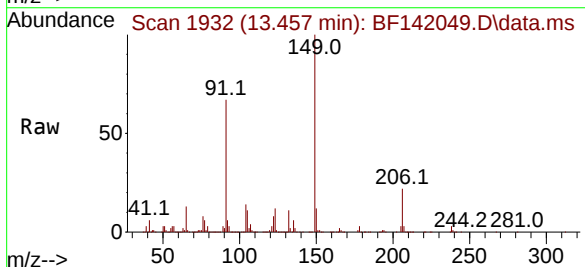
Tgt Ion:149 Resp: 344095

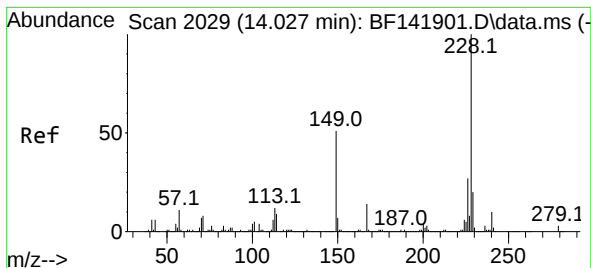
Ion Ratio Lower Upper

149 100

91 67.4 56.5 84.7

206 21.7 17.3 25.9





#81

Benzo(a)anthracene

Concen: 45.182 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

Instrument :

BNA_F

ClientSampleId :

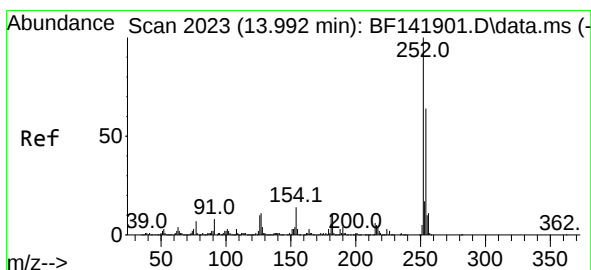
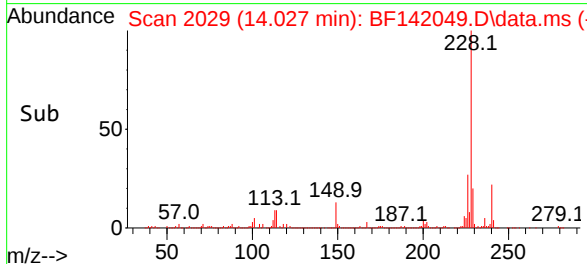
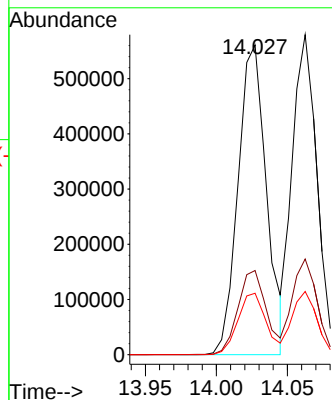
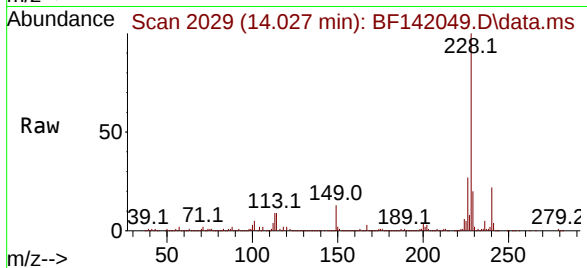
Tgt Ion:228 Resp: 781519

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.8 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 8.333 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

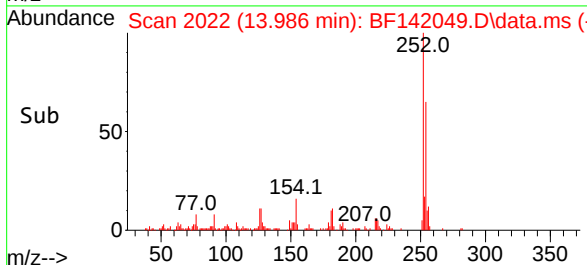
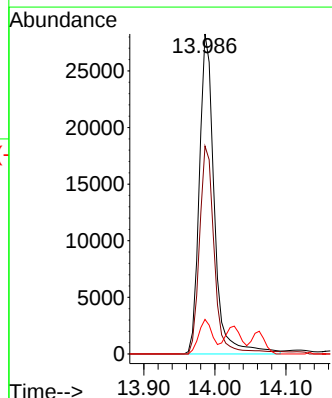
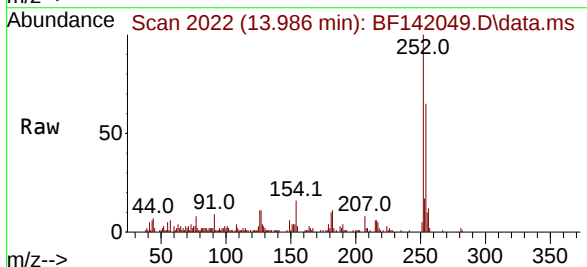
Tgt Ion:252 Resp: 41655

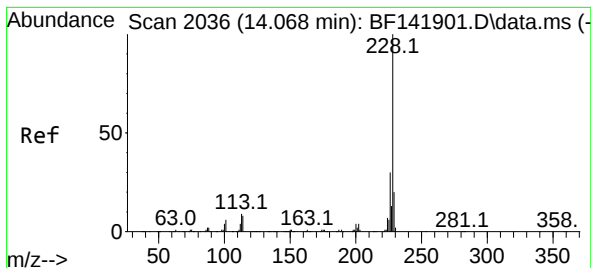
Ion Ratio Lower Upper

252 100

254 64.9 51.0 76.6

126 10.8 8.4 12.6





#83

Chrysene

Concen: 45.360 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

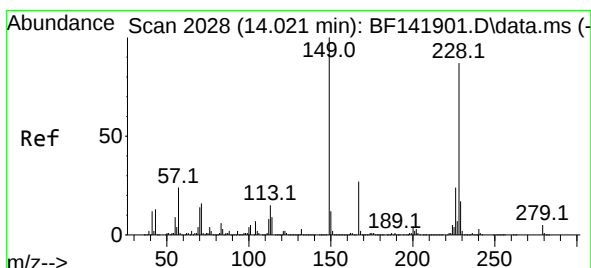
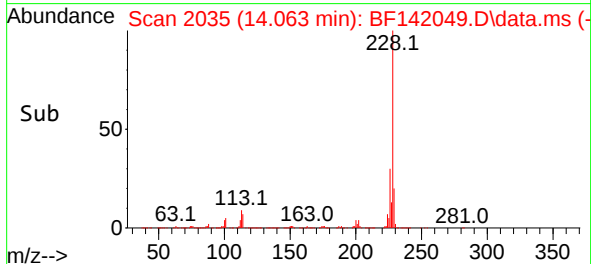
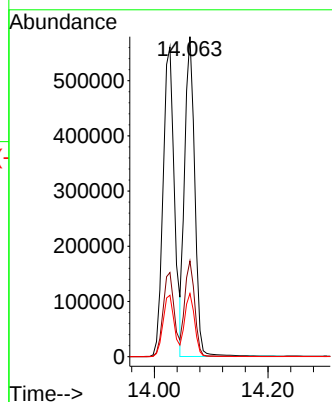
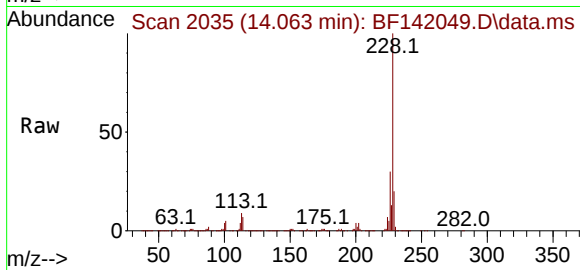
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:228 Resp: 711207

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.8	15.7	23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.703 ng

RT: 14.010 min Scan# 2026

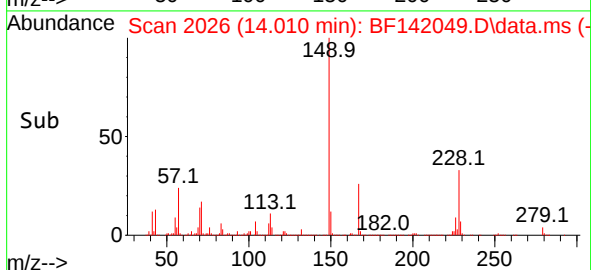
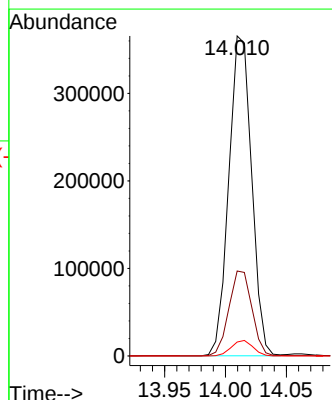
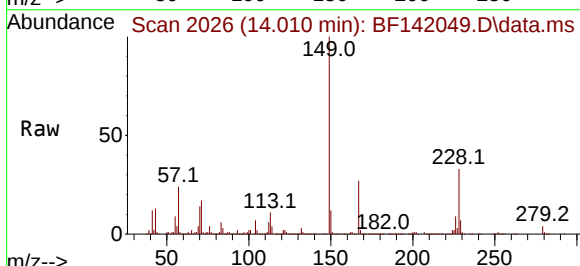
Delta R.T. -0.012 min

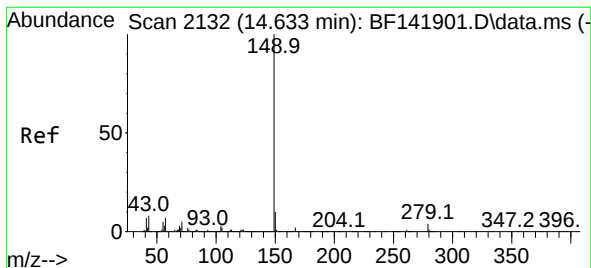
Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

Tgt Ion:149 Resp: 476237

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.4	32.0
279	4.3	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 52.050 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.012 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

Instrument :

BNA_F

ClientSampleId :

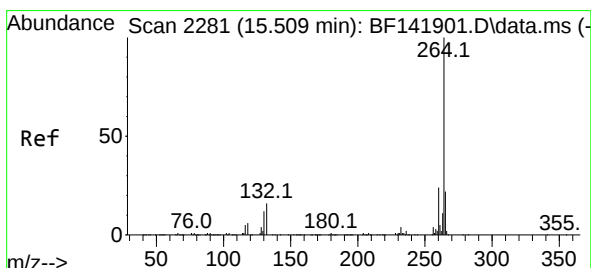
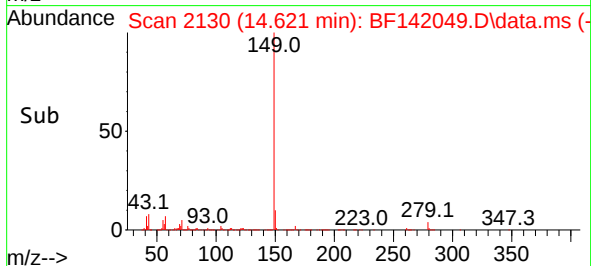
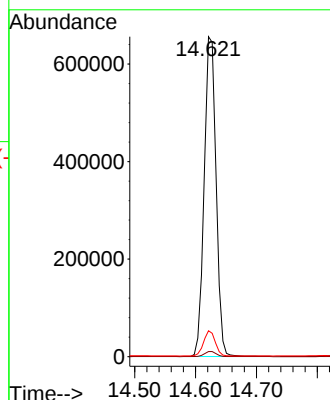
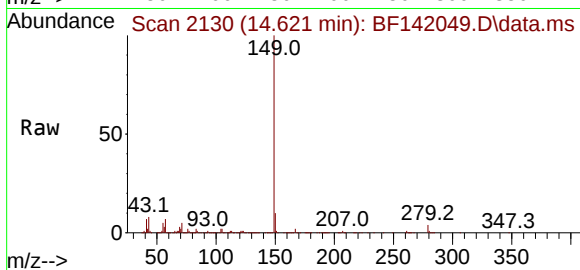
Tgt Ion:149 Resp: 891143

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.7 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

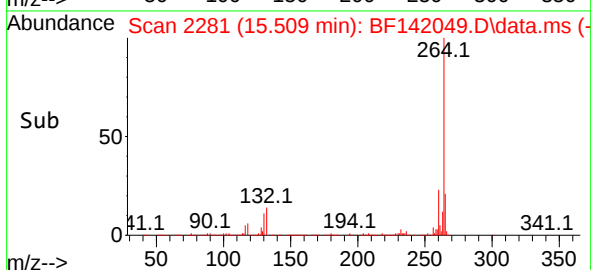
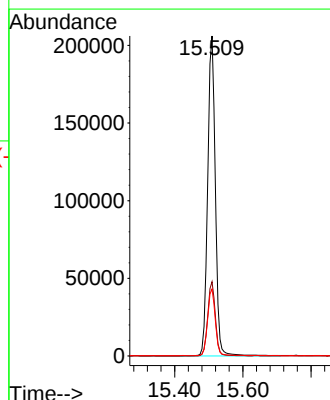
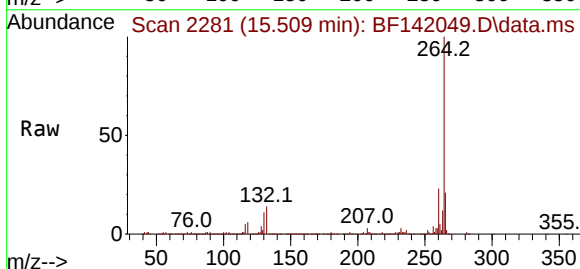
Tgt Ion:264 Resp: 323612

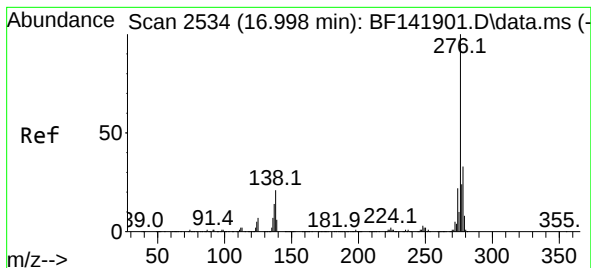
Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.0 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.554 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

Instrument :

BNA_F

ClientSampleId :

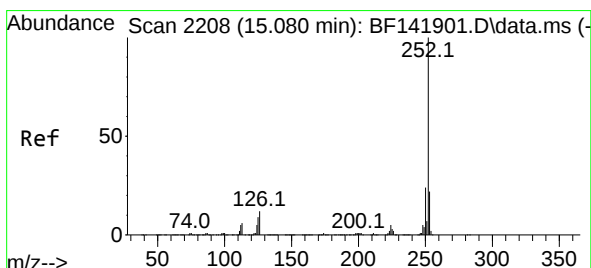
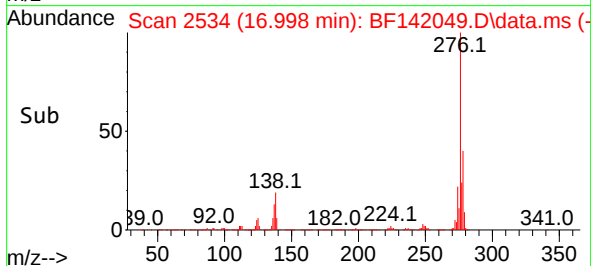
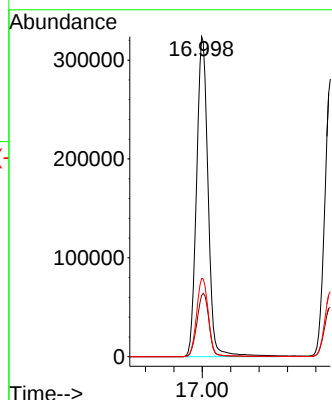
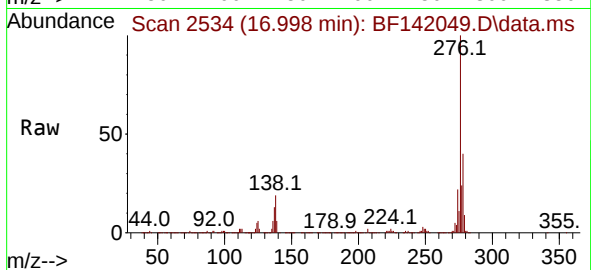
Tgt Ion:276 Resp: 911748

Ion Ratio Lower Upper

276 100

138 20.6 18.4 27.6

277 25.0 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 39.706 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF142049.D

Acq: 24 Mar 2025 12:27

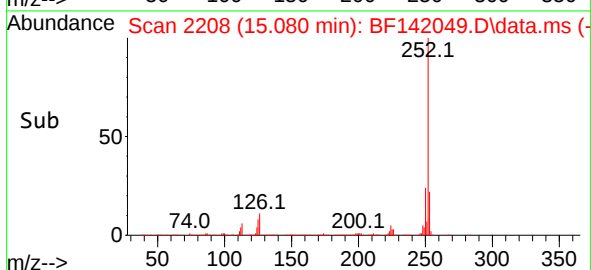
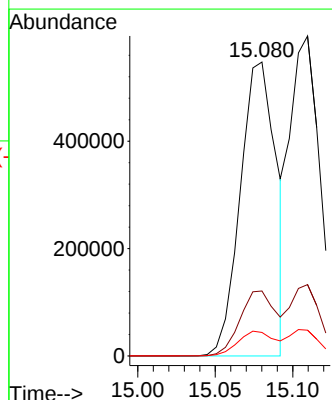
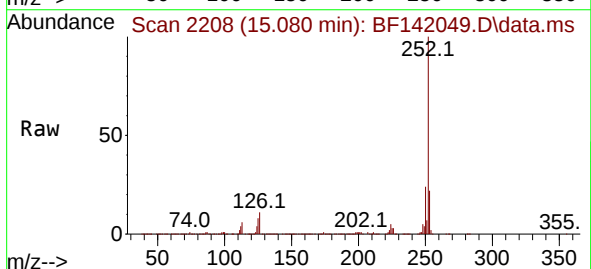
Tgt Ion:252 Resp: 880648

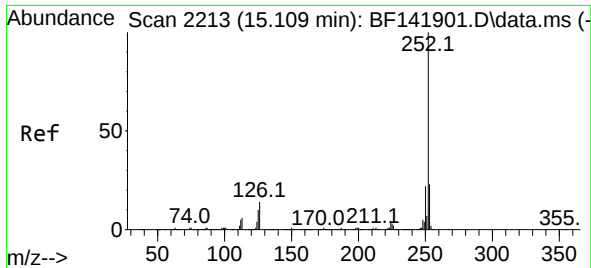
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 8.0 7.0 10.4

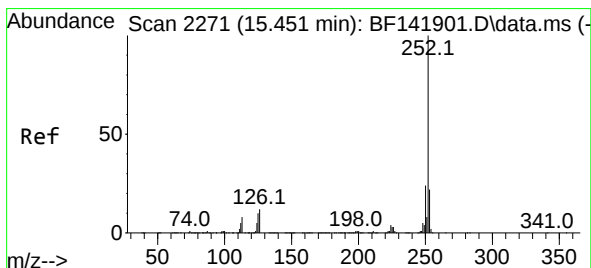
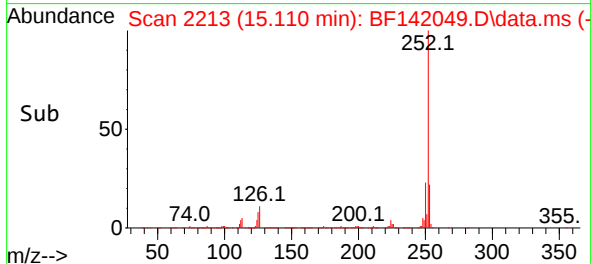
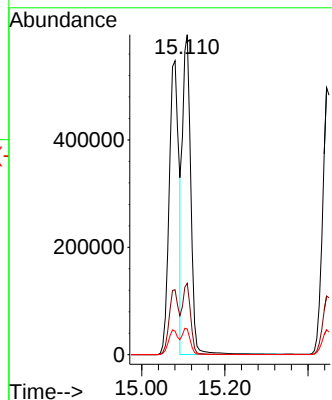
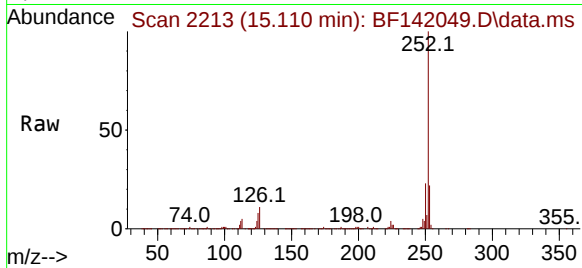




#89
Benzo(k)fluoranthene
Concen: 43.192 ng
RT: 15.110 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

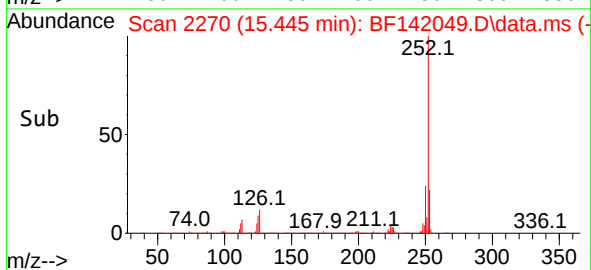
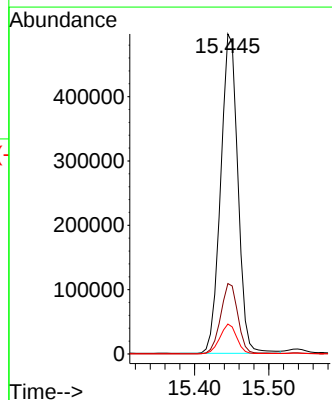
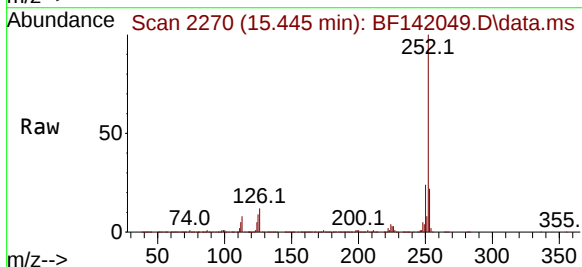
Instrument :
BNA_F
ClientSampleId :

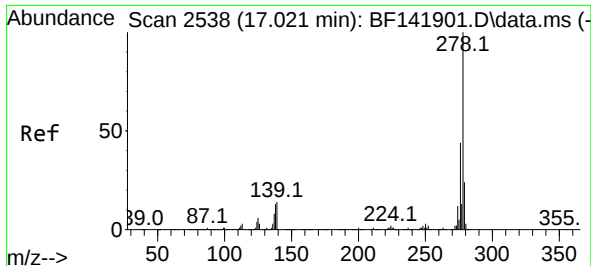
Tgt Ion:252 Resp: 819781
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 8.0 7.2 10.8



#90
Benzo(a)pyrene
Concen: 46.264 ng
RT: 15.445 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF142049.D
Acq: 24 Mar 2025 12:27

Tgt Ion:252 Resp: 802870
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.4 7.8 11.8

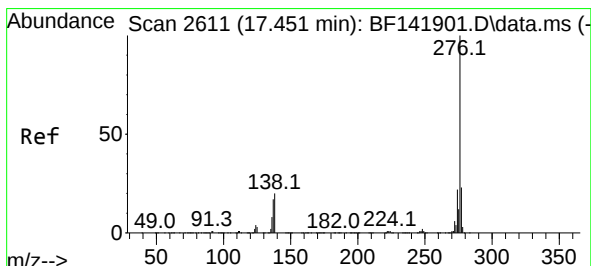
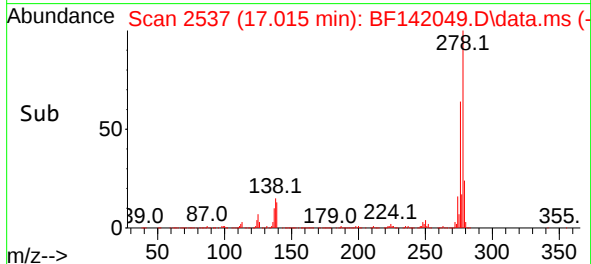
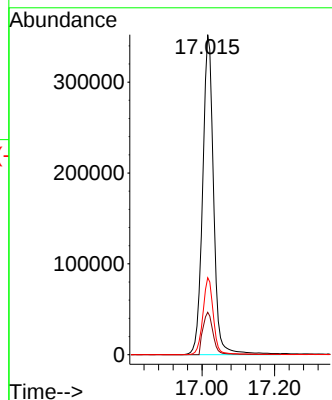
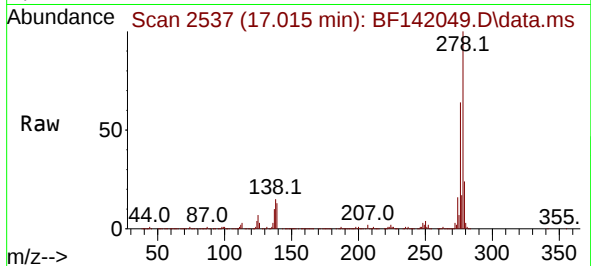




#91
 Dibenzo(a,h)anthracene
 Concen: 42.773 ng
 RT: 17.015 min Scan# 2537
 Delta R.T. -0.006 min
 Lab File: BF142049.D
 Acq: 24 Mar 2025 12:27

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:278 Resp: 738782
 Ion Ratio Lower Upper
 278 100
 139 13.2 11.4 17.2
 279 24.1 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 39.677 ng
 RT: 17.451 min Scan# 2611
 Delta R.T. 0.000 min
 Lab File: BF142049.D
 Acq: 24 Mar 2025 12:27

Tgt Ion:276 Resp: 677219
 Ion Ratio Lower Upper
 276 100
 277 23.4 18.7 28.1
 138 17.7 15.8 23.8

