

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142391.D
 Acq On : 15 May 2025 13:58
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 15 14:49:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	165693	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	627892	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	329169	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	556891	20.000	ng	0.00
76) Chrysene-d12	14.063	240	288492	20.000	ng	0.00
86) Perylene-d12	15.557	264	322668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	797453	82.159	ng	0.00
7) Phenol-d6	6.528	99	959335	80.360	ng	0.00
23) Nitrobenzene-d5	7.469	82	913864	88.764	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	292651	92.085	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1759664	76.224	ng	0.00
79) Terphenyl-d14	13.010	244	1595908	81.878	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	169630	38.809	ng	97
3) Pyridine	3.446	79	435405	42.429	ng	97
4) n-Nitrosodimethylamine	3.399	42	228349	38.286	ng	96
6) Aniline	6.563	93	634680	54.203	ng	99
8) 2-Chlorophenol	6.687	128	435861	42.022	ng	97
9) Benzaldehyde	6.451	77	269299	38.543	ng	100
10) Phenol	6.540	94	543482	42.948	ng	97
11) bis(2-Chloroethyl)ether	6.640	93	388497	31.132	ng	98
12) 1,3-Dichlorobenzene	6.845	146	469836	39.594	ng	98
13) 1,4-Dichlorobenzene	6.922	146	472299	39.641	ng	99
14) 1,2-Dichlorobenzene	7.075	146	451558	39.485	ng	99
15) Benzyl Alcohol	7.039	79	341363	44.159	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	671161	36.016	ng	99
17) 2-Methylphenol	7.151	107	335185	39.916	ng	99
18) Hexachloroethane	7.416	117	163112	41.147	ng	100
19) n-Nitroso-di-n-propyla...	7.316	70	277148	37.532	ng	98
20) 3+4-Methylphenols	7.304	107	421993	40.266	ng	92
22) Acetophenone	7.310	105	541495	38.787	ng	95
24) Nitrobenzene	7.487	77	420414	43.320	ng	97
25) Isophorone	7.722	82	746092	38.269	ng	99
26) 2-Nitrophenol	7.798	139	229292	48.931	ng	99
27) 2,4-Dimethylphenol	7.834	122	401232	40.934	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	467200	37.268	ng	99
29) 2,4-Dichlorophenol	8.039	162	355863	42.703	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	377066	40.205	ng	99
31) Naphthalene	8.210	128	1203630	39.552	ng	100
32) Benzoic acid	7.939	122	253688	48.196	ng	99
33) 4-Chloroaniline	8.251	127	494386	39.814	ng	99
34) Hexachlorobutadiene	8.322	225	228906	41.218	ng	99
35) Caprolactam	8.622	113	108318	44.599	ng	93
36) 4-Chloro-3-methylphenol	8.728	107	354797	40.957	ng	100
37) 2-Methylnaphthalene	8.898	142	739060	39.084	ng	99
38) 1-Methylnaphthalene	8.998	142	765722	38.852	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	374052	40.687	ng	98
41) Hexachlorocyclopentadiene	9.051	237	258074	45.422	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	257221	44.357	ng	100

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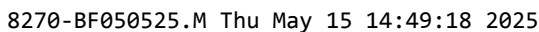
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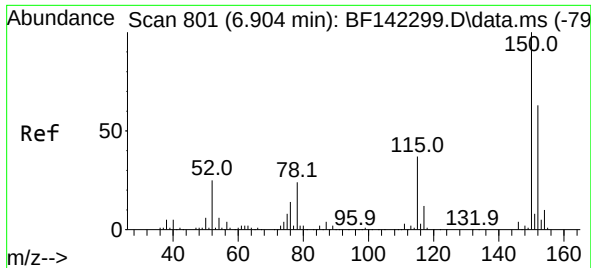
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	263184	42.655	ng	99
46) 1,1'-Biphenyl	9.363	154	982857	38.942	ng	99
47) 2-Chloronaphthalene	9.386	162	743800	39.628	ng	99
48) 2-Nitroaniline	9.480	65	231469	48.112	ng	93
49) Acenaphthylene	9.804	152	1240865	39.520	ng	100
50) Dimethylphthalate	9.657	163	840785	39.778	ng	100
51) 2,6-Dinitrotoluene	9.722	165	186028	47.019	ng	89
52) Acenaphthene	9.975	154	755546	40.019	ng	100
53) 3-Nitroaniline	9.892	138	214345	46.193	ng	93
54) 2,4-Dinitrophenol	9.992	184	104835	53.459	ng	# 12
55) Dibenzofuran	10.145	168	1087881	39.044	ng	100
56) 4-Nitrophenol	10.039	139	170308	48.767	ng	96
57) 2,4-Dinitrotoluene	10.122	165	253558	49.962	ng	94
58) Fluorene	10.486	166	827290	38.906	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	223425	43.865	ng	97
60) Diethylphthalate	10.357	149	801876	37.988	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	400075	38.998	ng	99
62) 4-Nitroaniline	10.504	138	193006	52.481	ng	97
63) Azobenzene	10.639	77	745907	36.980	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	133682	50.973	ng	98
66) n-Nitrosodiphenylamine	10.598	169	728940	39.336	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	249452	39.524	ng	98
68) Hexachlorobenzene	11.033	284	279630	40.278	ng	98
69) Atrazine	11.122	200	204381	41.840	ng	99
70) Pentachlorophenol	11.227	266	178385	48.843	ng	99
71) Phenanthrene	11.451	178	1140799	39.081	ng	100
72) Anthracene	11.504	178	1182631	39.429	ng	99
73) Carbazole	11.657	167	1055338	39.219	ng	100
74) Di-n-butylphthalate	11.986	149	1094163	38.669	ng	99
75) Fluoranthene	12.639	202	1108935	38.003	ng	99
77) Benzidine	12.757	184	343850	65.586	ng	98
78) Pyrene	12.869	202	1090362	42.462	ng	100
80) Butylbenzylphthalate	13.486	149	288328	39.201	ng	98
81) Benzo(a)anthracene	14.057	228	770111	41.220	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	240994	55.468	ng	100
83) Chrysene	14.092	228	669868	38.515	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	363177	38.167	ng	99
85) Di-n-octyl phthalate	14.657	149	723835	42.259	ng	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	957618	42.664	ng	99
88) Benzo(b)fluoranthene	15.115	252	796168	40.740	ng	99
89) Benzo(k)fluoranthene	15.145	252	618596	34.589	ng	100
90) Benzo(a)pyrene	15.492	252	710974	40.599	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	769936	41.520	ng	99
92) Benzo(g,h,i)perylene	17.515	276	766601	41.653	ng	98

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

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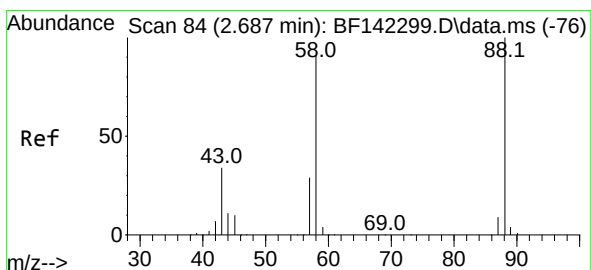
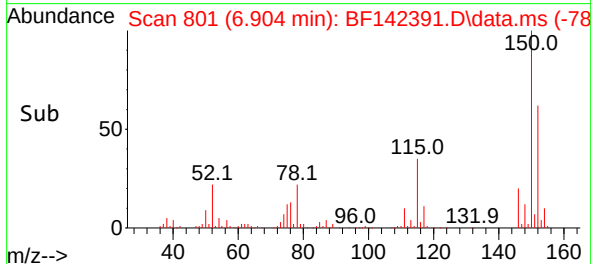
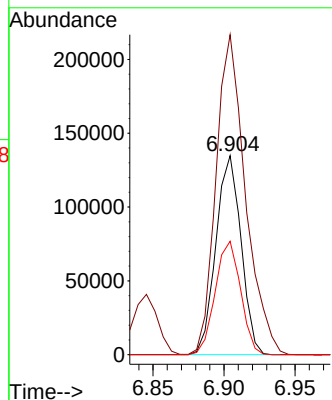
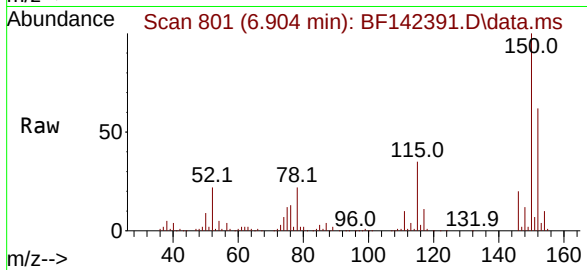




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142391.D
 Acq: 15 May 2025 13:58

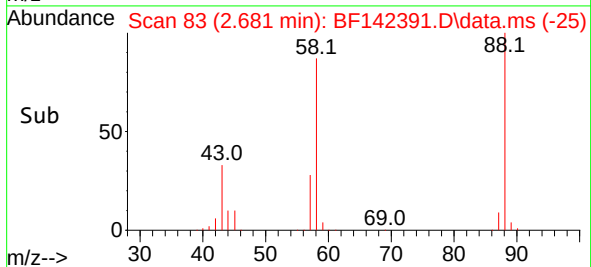
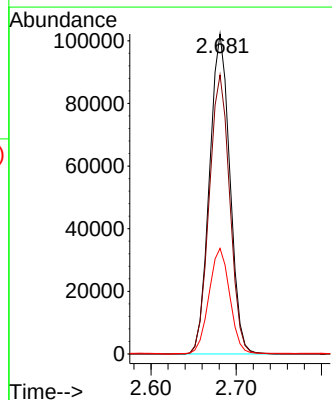
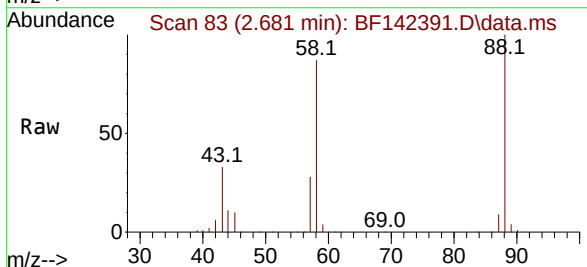
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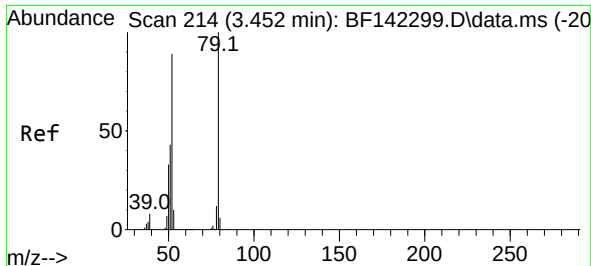
Tgt Ion:152 Resp: 165693
 Ion Ratio Lower Upper
 152 100
 150 160.8 126.6 190.0
 115 57.0 47.3 70.9



#2
 1,4-Dioxane
 Concen: 38.809 ng
 RT: 2.681 min Scan# 83
 Delta R.T. -0.006 min
 Lab File: BF142391.D
 Acq: 15 May 2025 13:58

Tgt Ion: 88 Resp: 169630
 Ion Ratio Lower Upper
 88 100
 58 88.0 73.0 109.4
 43 33.9 27.8 41.6

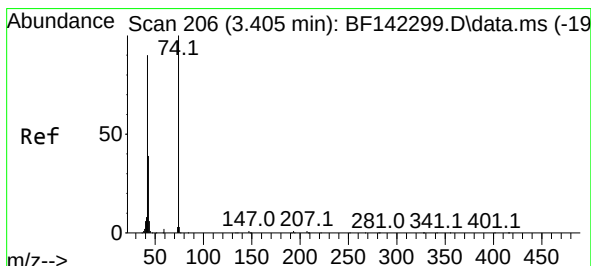
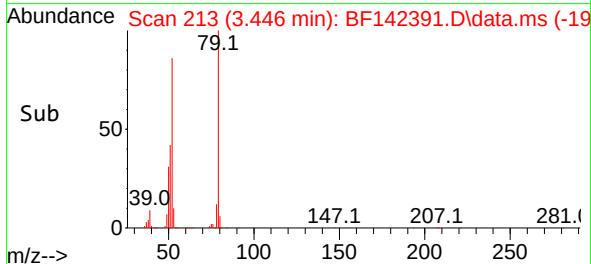
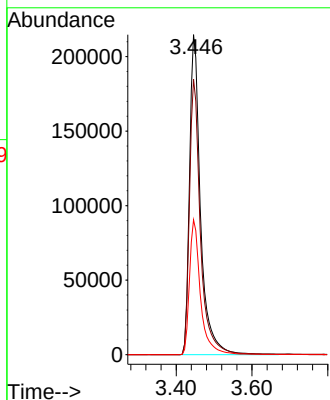
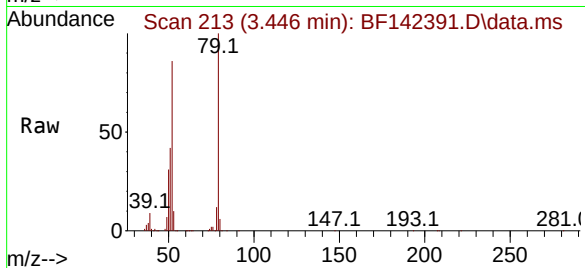




#3
 Pyridine
 Concen: 42.429 ng
 RT: 3.446 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: BF142391.D
 Acq: 15 May 2025 13:58

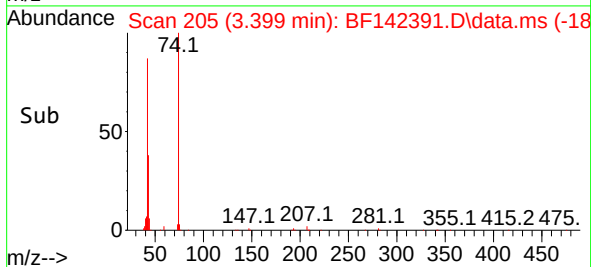
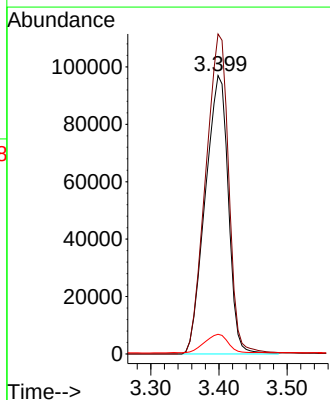
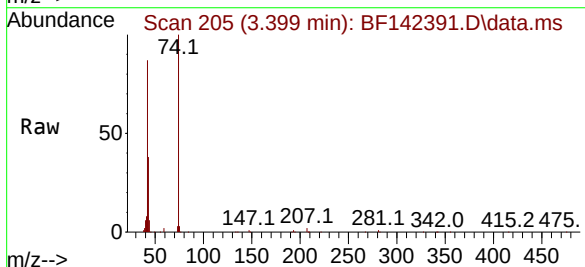
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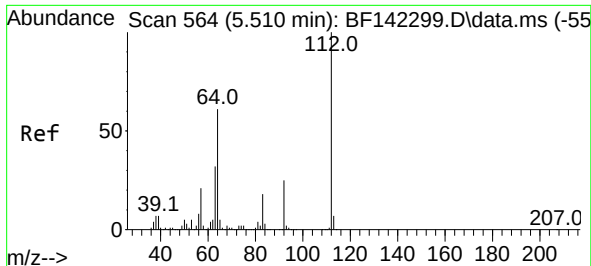
Tgt Ion: 79 Resp: 435405
 Ion Ratio Lower Upper
 79 100
 52 86.1 71.0 106.4
 51 42.1 34.9 52.3



#4
 n-Nitrosodimethylamine
 Concen: 38.286 ng
 RT: 3.399 min Scan# 205
 Delta R.T. -0.006 min
 Lab File: BF142391.D
 Acq: 15 May 2025 13:58

Tgt Ion: 42 Resp: 228349
 Ion Ratio Lower Upper
 42 100
 74 115.0 88.5 132.7
 44 7.1 5.8 8.8

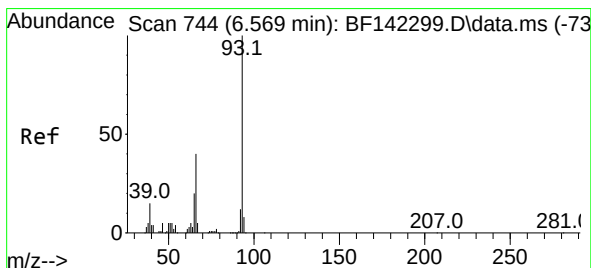
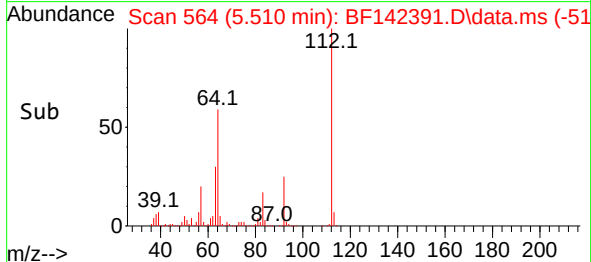
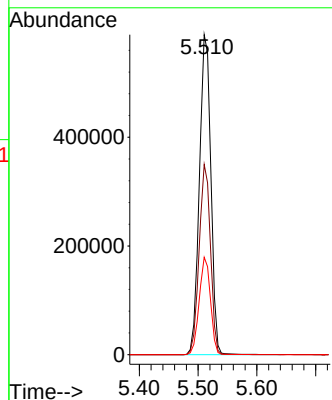
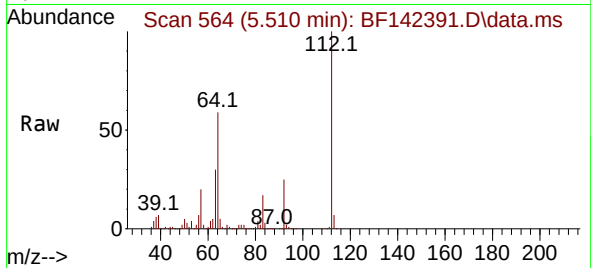




#5
2-Fluorophenol
Concen: 82.159 ng
RT: 5.510 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

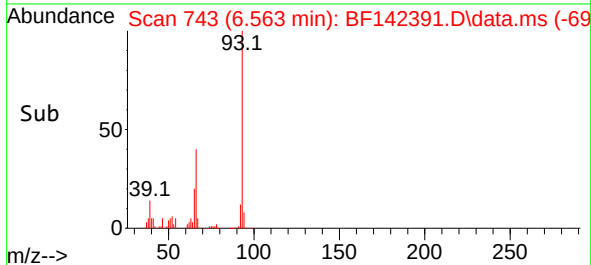
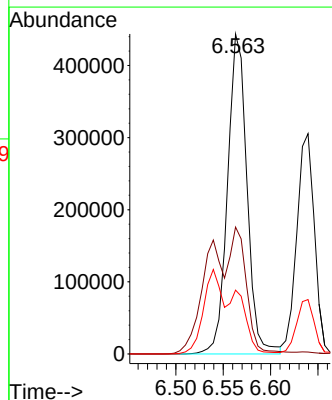
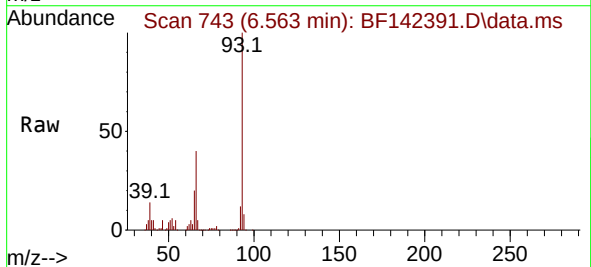
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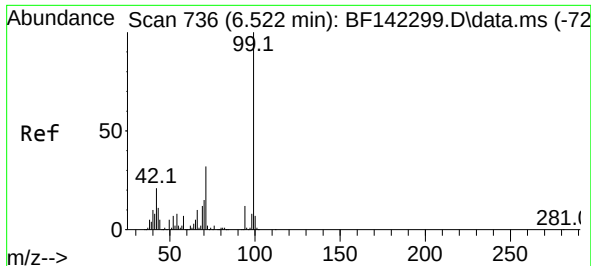
Tgt Ion:112 Resp: 797453
Ion Ratio Lower Upper
112 100
64 59.4 48.9 73.3
63 30.4 25.6 38.4



#6
Aniline
Concen: 54.203 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion: 93 Resp: 634680
Ion Ratio Lower Upper
93 100
66 39.7 32.2 48.4
65 20.0 16.3 24.5

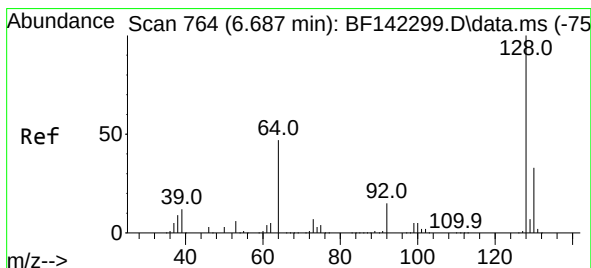
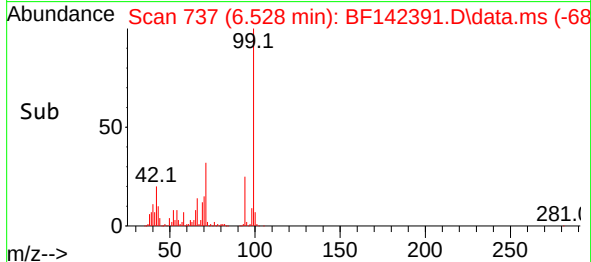
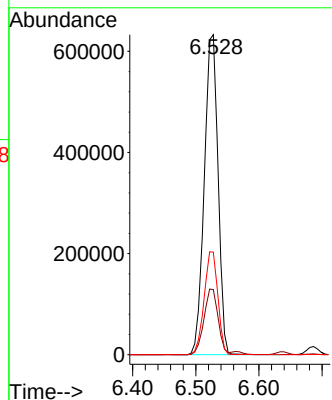
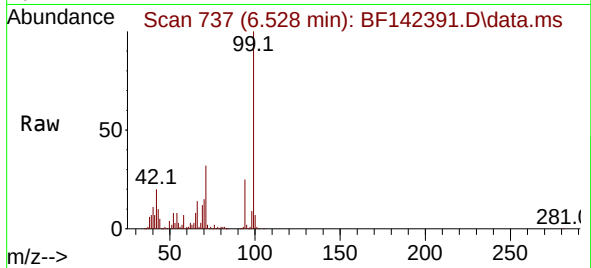




#7
Phenol-d6
Concen: 80.360 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

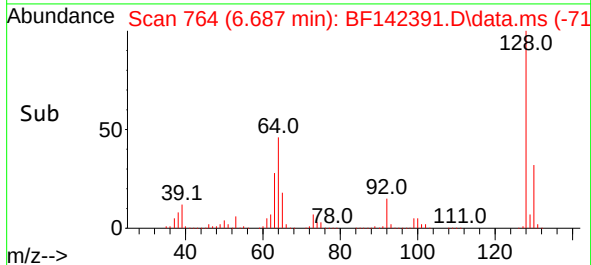
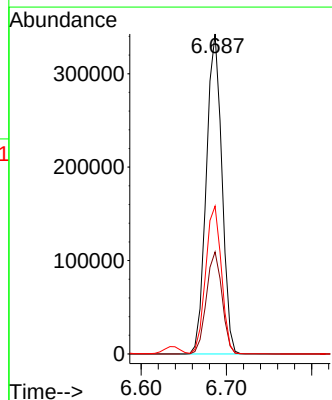
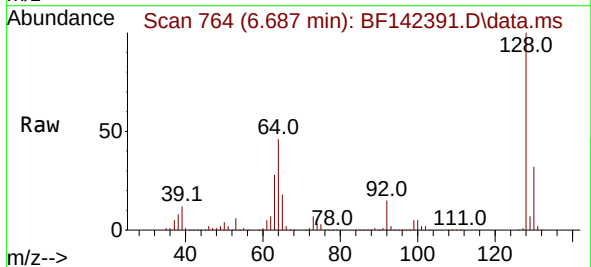
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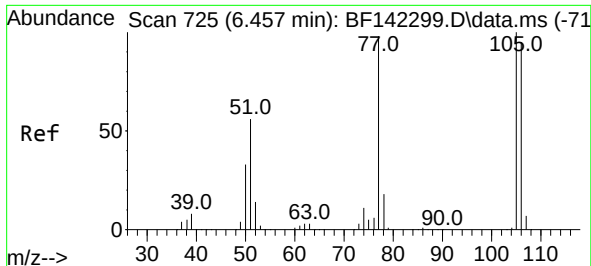
Tgt Ion: 99 Resp: 959335
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.4
71 32.0 25.8 38.8



#8
2-Chlorophenol
Concen: 42.022 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion: 128 Resp: 435861
Ion Ratio Lower Upper
128 100
130 31.9 12.7 52.7
64 46.2 29.2 69.2

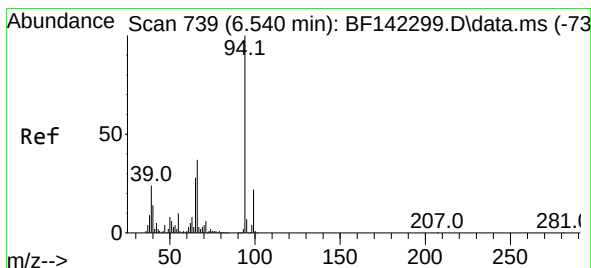
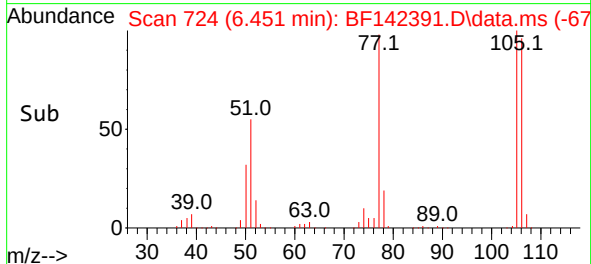
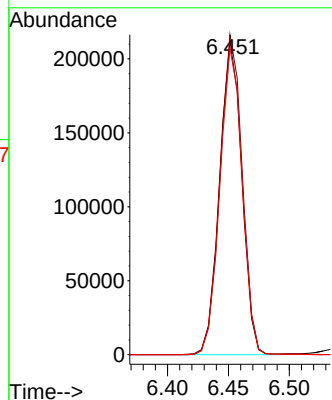
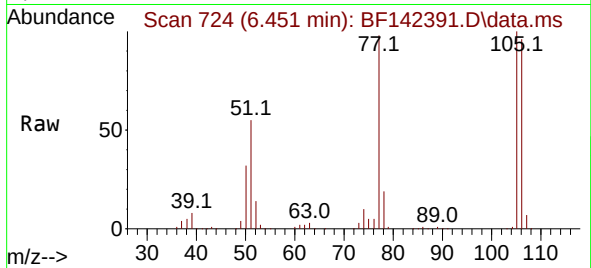




#9
Benzaldehyde
Concen: 38.543 ng
RT: 6.451 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

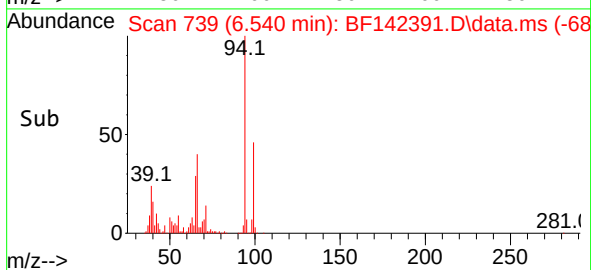
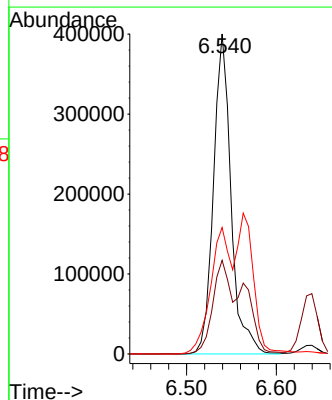
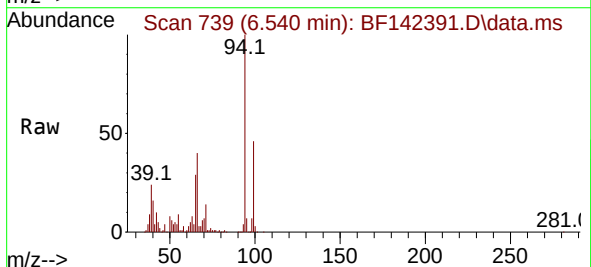
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ClientSampleId :
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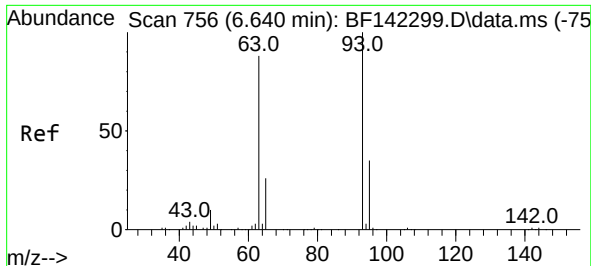
Tgt Ion: 77 Resp: 269299
Ion Ratio Lower Upper
77 100
105 101.9 82.0 122.0
106 97.6 77.2 117.2



#10
Phenol
Concen: 42.948 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142391.D
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Tgt Ion: 94 Resp: 543482
Ion Ratio Lower Upper
94 100
65 29.3 8.5 48.5
66 39.5 17.3 57.3

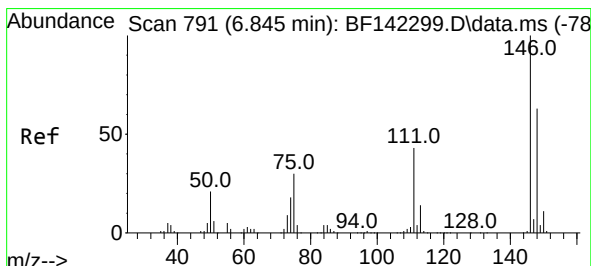
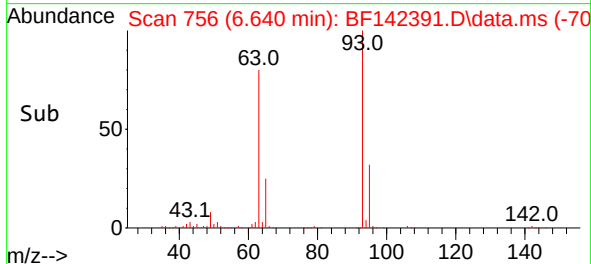
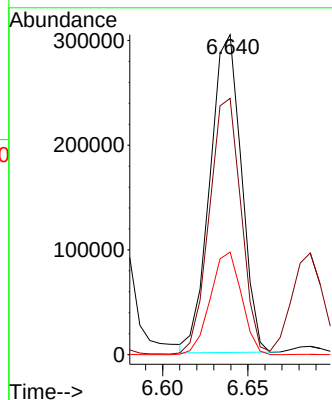
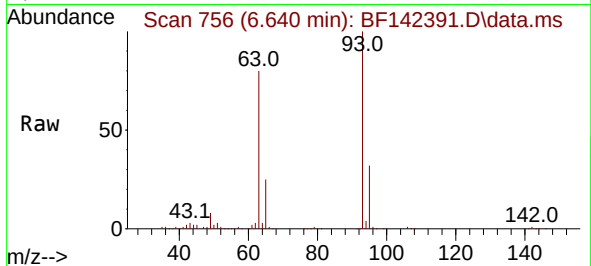




#11
bis(2-Chloroethyl)ether
Concen: 31.132 ng
RT: 6.640 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

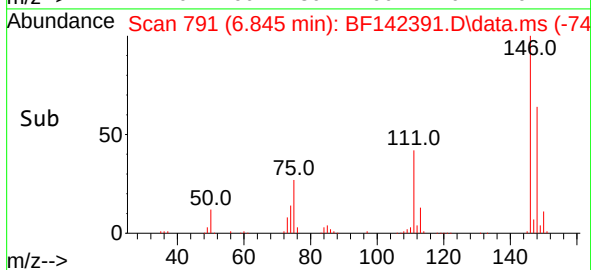
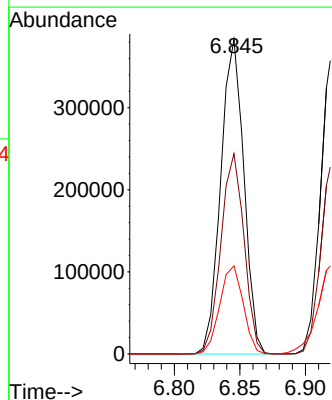
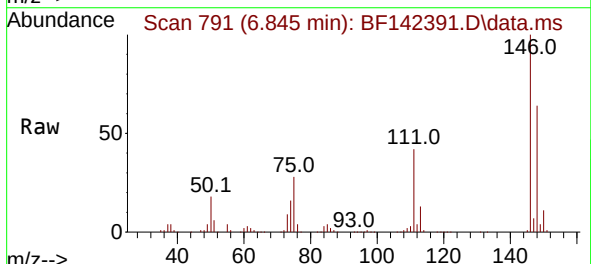
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

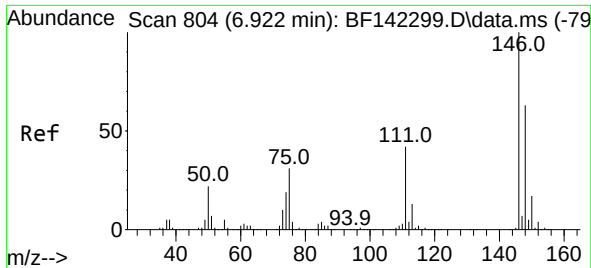
Tgt Ion: 93 Resp: 388497
Ion Ratio Lower Upper
93 100
63 80.1 58.4 98.4
95 32.1 10.6 50.6



#12
1,3-Dichlorobenzene
Concen: 39.594 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion: 146 Resp: 469836
Ion Ratio Lower Upper
146 100
148 63.7 50.6 76.0
75 28.0 24.2 36.4

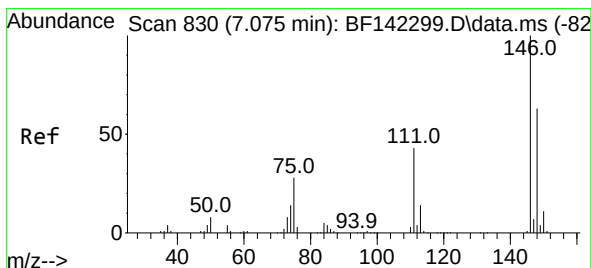
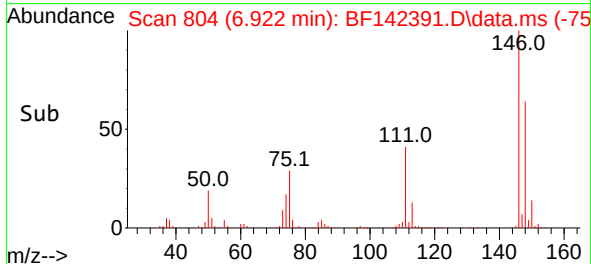
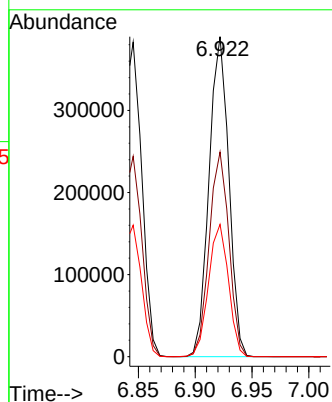
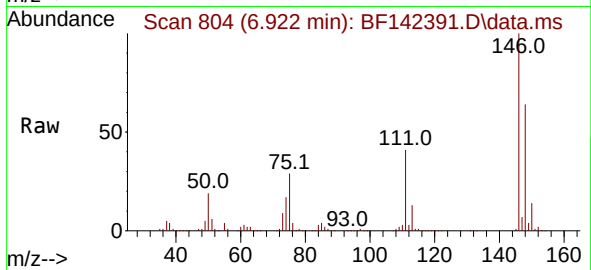




#13
1,4-Dichlorobenzene
Concen: 39.641 ng
RT: 6.922 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

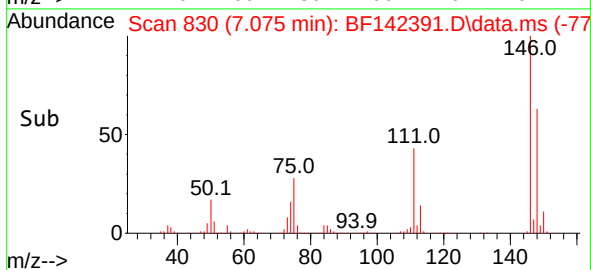
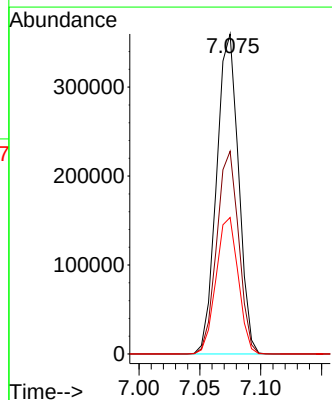
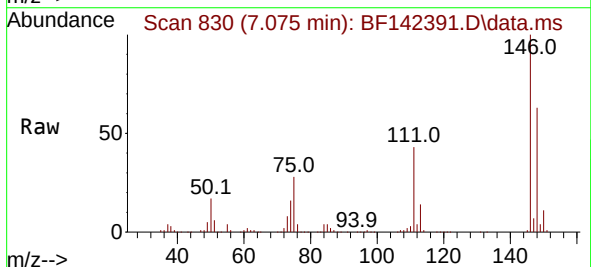
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

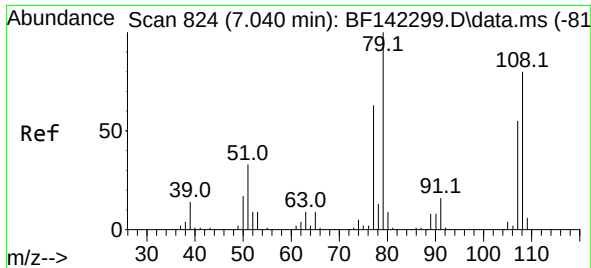
Tgt Ion:146 Resp: 472299
Ion Ratio Lower Upper
146 100
148 64.0 50.5 75.7
111 41.4 33.4 50.2



#14
1,2-Dichlorobenzene
Concen: 39.485 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion:146 Resp: 451558
Ion Ratio Lower Upper
146 100
148 63.4 50.3 75.5
111 42.7 34.5 51.7

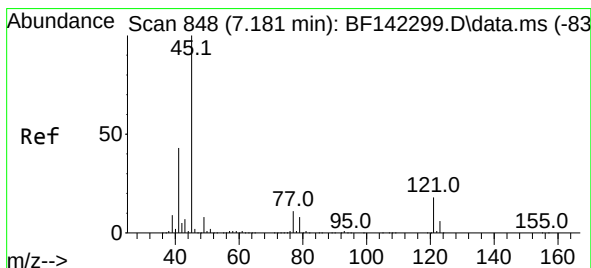
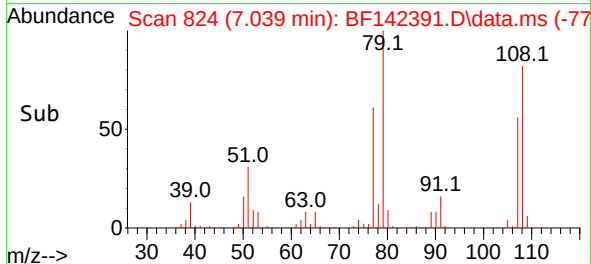
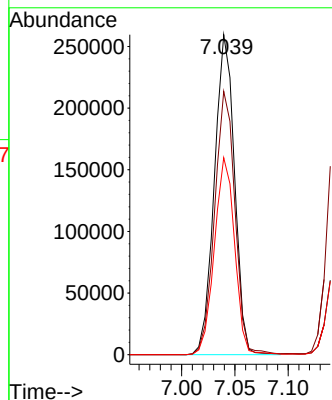
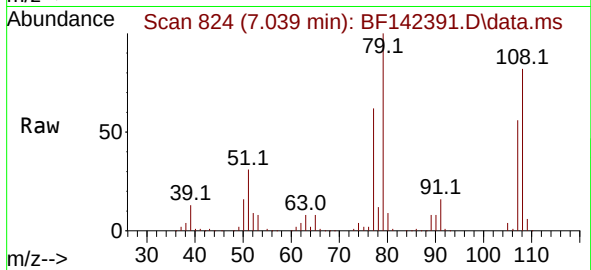




#15
Benzyl Alcohol
Concen: 44.159 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

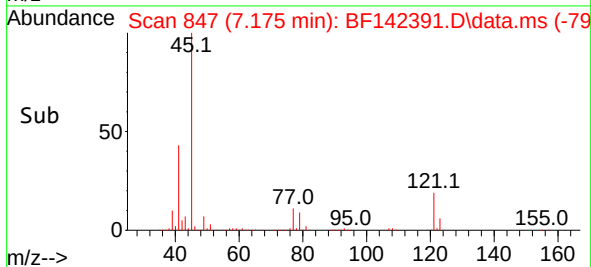
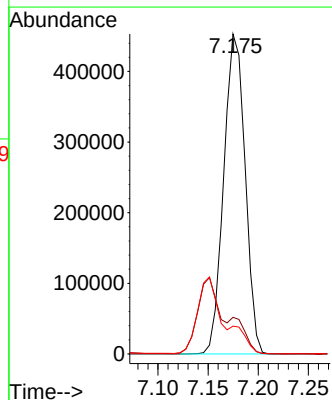
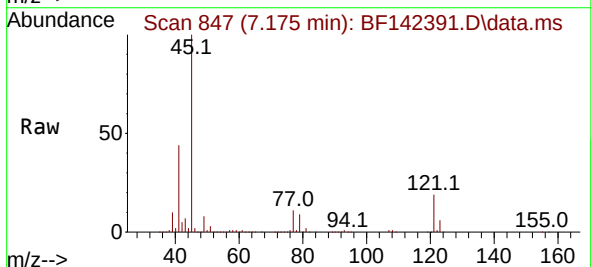
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

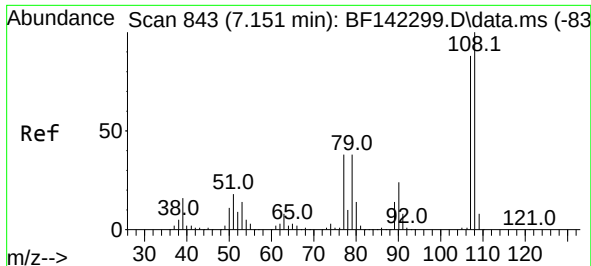
Tgt Ion: 79 Resp: 341363
Ion Ratio Lower Upper
79 100
108 82.3 63.9 95.9
77 61.5 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.016 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion: 45 Resp: 671161
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.2
79 8.7 0.0 28.5

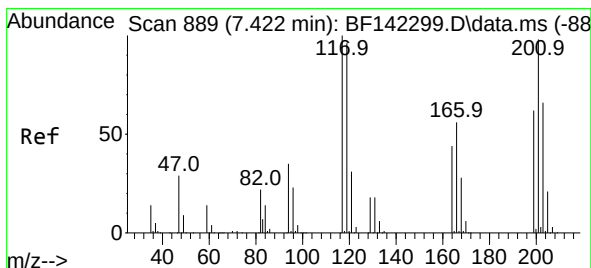
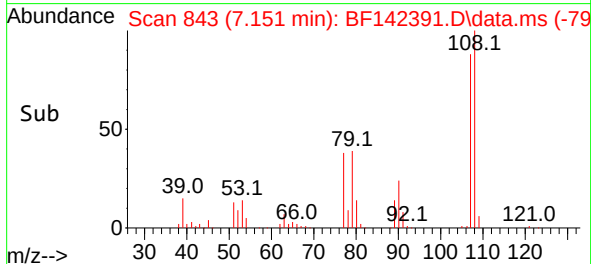
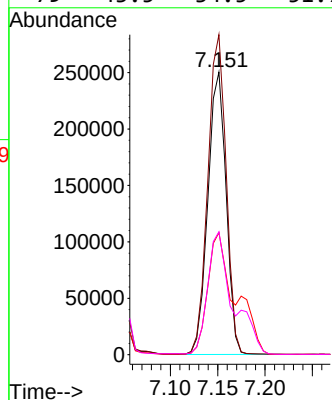
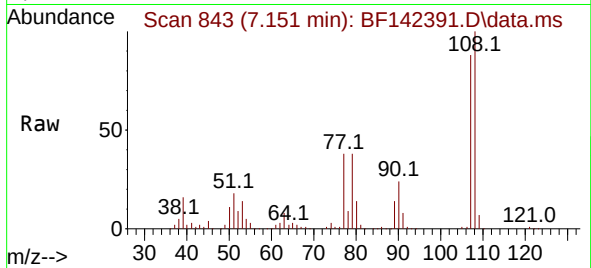




#17
2-Methylphenol
Concen: 39.916 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

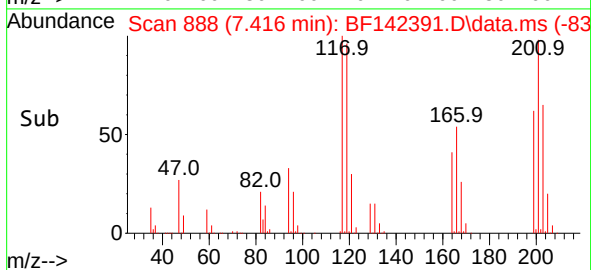
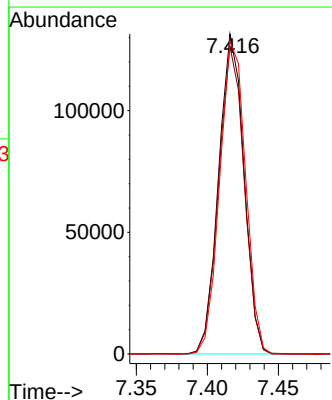
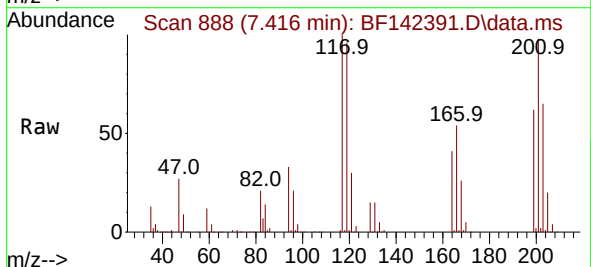
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

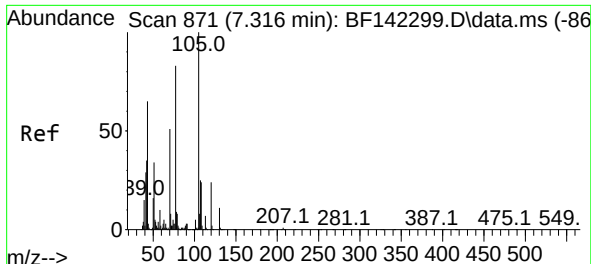
Tgt Ion:	107	Resp:	335185
Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.1	136.7
77	43.2	34.7	52.1
79	43.5	34.5	51.7



#18
Hexachloroethane
Concen: 41.147 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion:	117	Resp:	163112
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.9	115.3
201	97.9	78.0	117.0



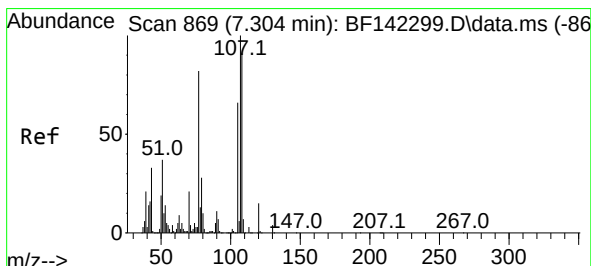
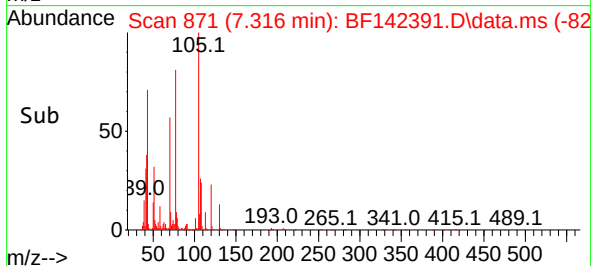
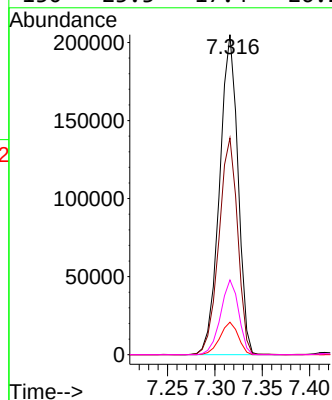
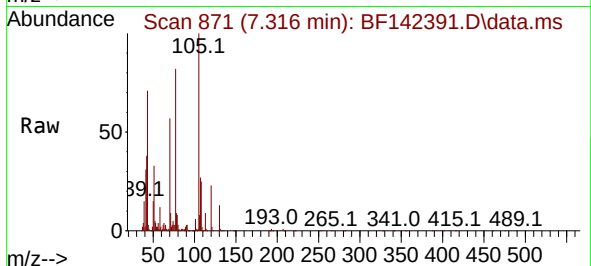


#19
n-Nitroso-di-n-propylamine
Concen: 37.532 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 277148

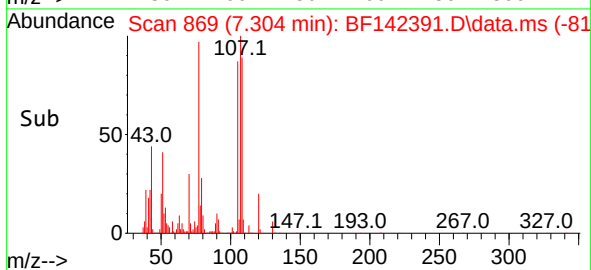
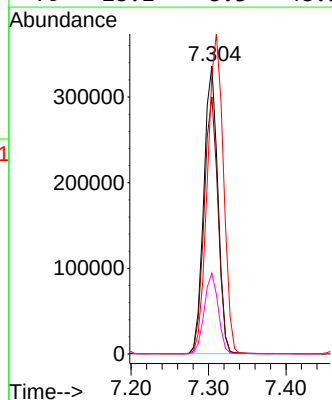
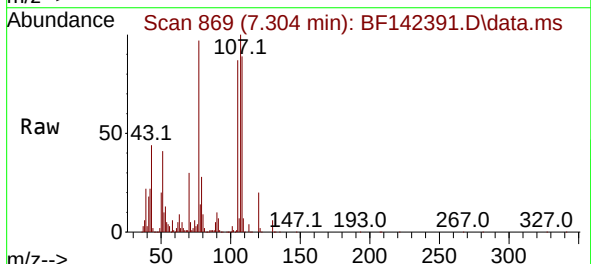
Ion	Ratio	Lower	Upper
70	100		
42	67.7	54.8	82.2
101	10.2	7.7	11.5
130	23.3	17.4	26.2

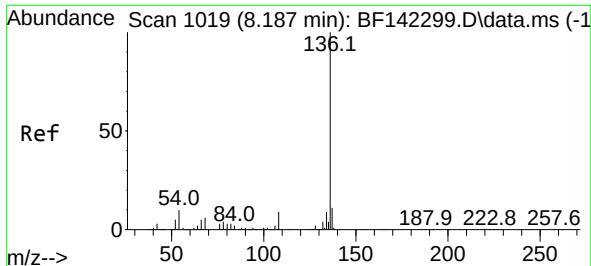


#20
3+4-Methylphenols
Concen: 40.266 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion: 107 Resp: 421993

Ion	Ratio	Lower	Upper
107	100		
108	89.4	71.5	111.5
77	97.0	61.6	101.6
79	28.2	8.3	48.3

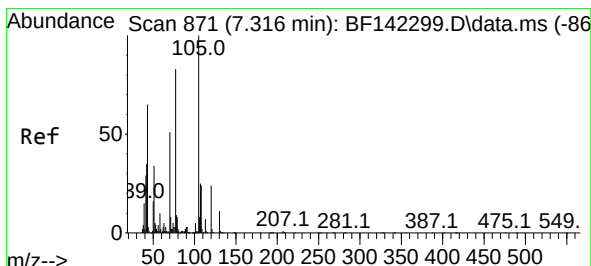
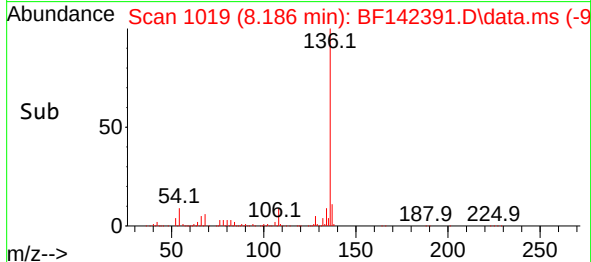
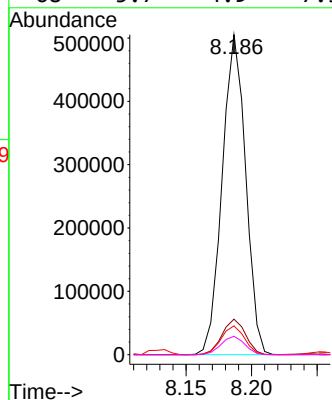
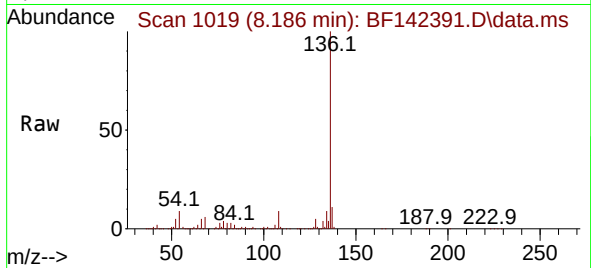




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

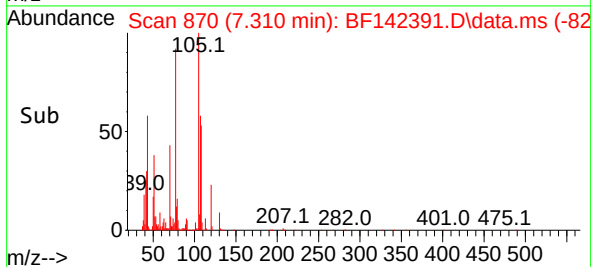
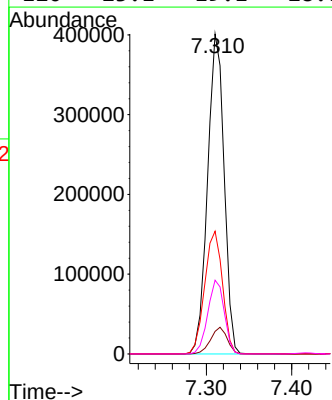
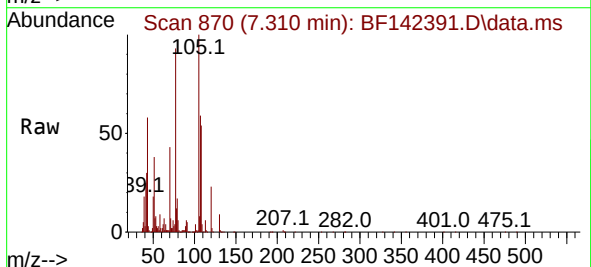
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

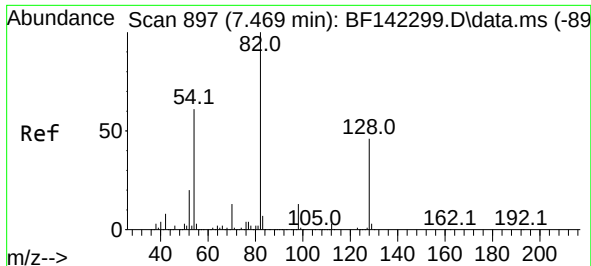
Tgt Ion:136	Resp: 627892
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 9.0	7.7 11.5
68 5.7	4.9 7.3



#22
Acetophenone
Concen: 38.787 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt	Ion:105	Resp:	541495
Ion	Ratio	Lower	Upper
105	100		
71	7.1	6.7	10.1
51	38.4	27.6	41.4
120	23.1	19.1	28.7





#23

Nitrobenzene-d5

Concen: 88.764 ng

RT: 7.469 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

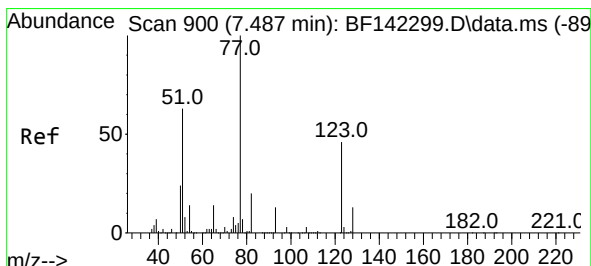
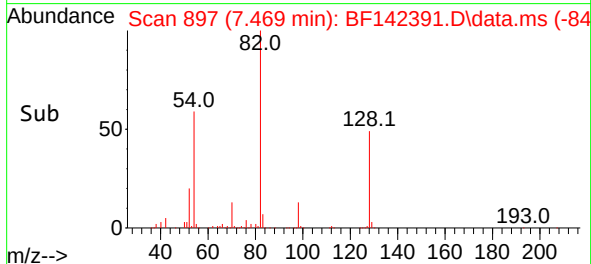
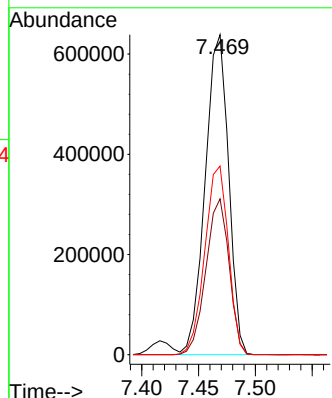
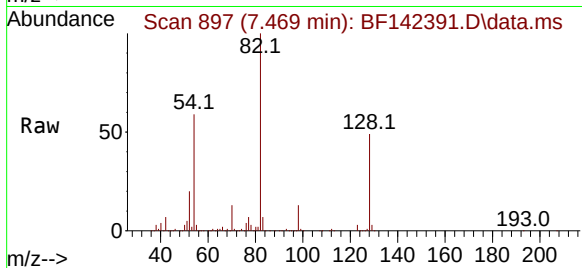
Tgt Ion: 82 Resp: 913864

Ion Ratio Lower Upper

82 100

128 48.7 37.0 55.6

54 59.0 48.6 73.0



#24

Nitrobenzene

Concen: 43.320 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

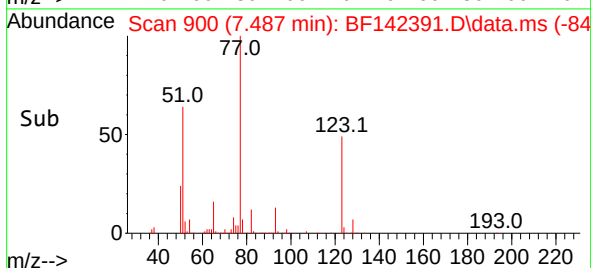
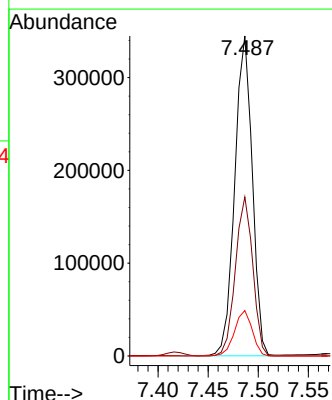
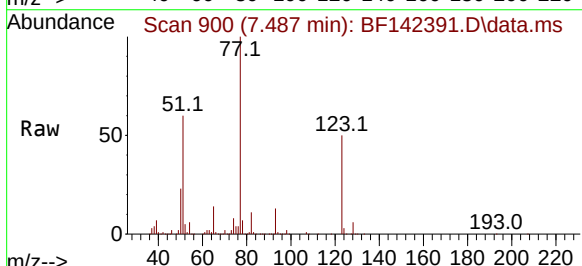
Tgt Ion: 77 Resp: 420414

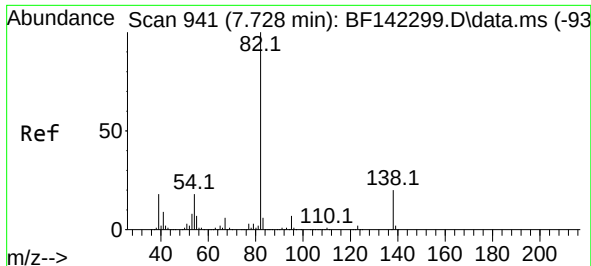
Ion Ratio Lower Upper

77 100

123 49.7 37.8 56.8

65 14.2 11.4 17.0

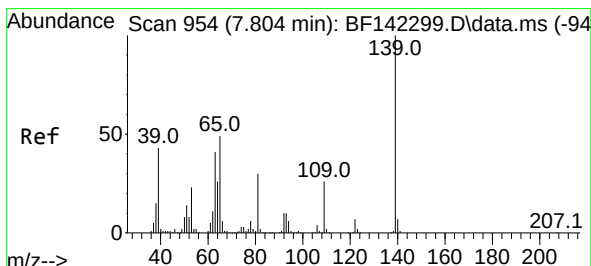
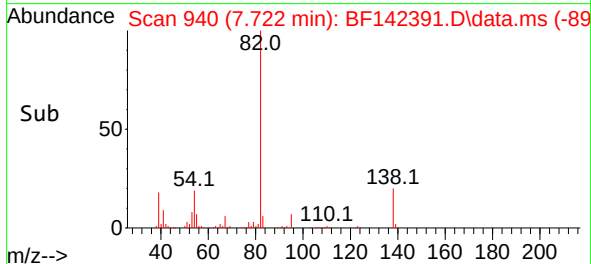
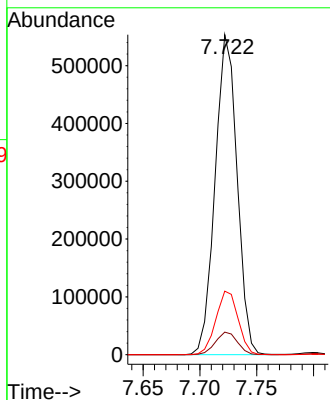
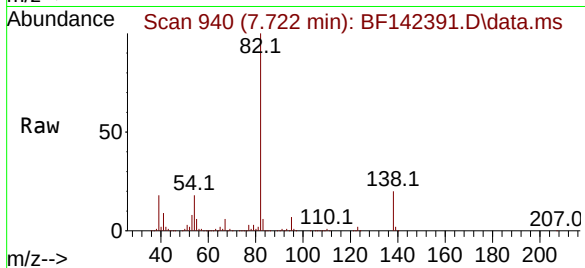




#25
Isophorone
Concen: 38.269 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

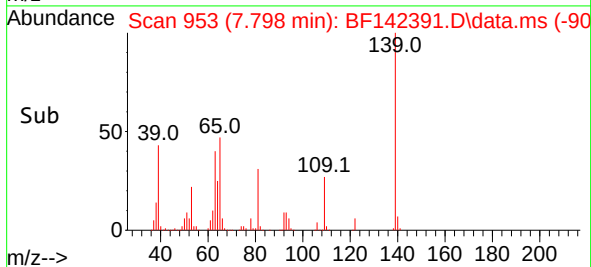
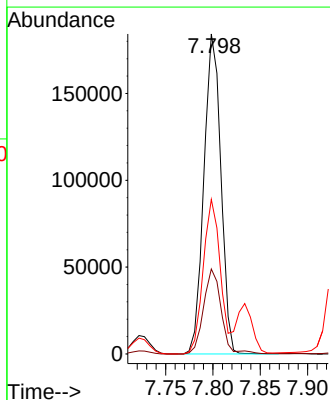
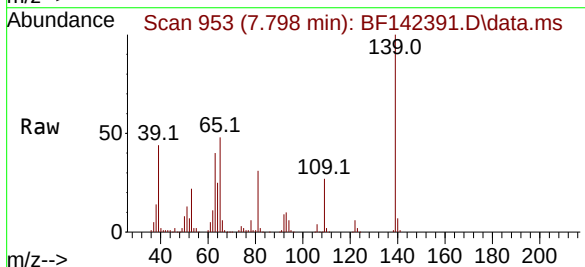
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

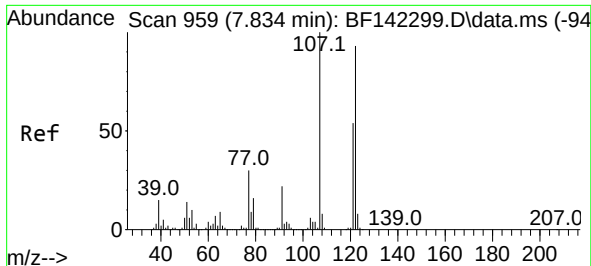
Tgt Ion: 82 Resp: 746092
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 19.8 16.1 24.1



#26
2-Nitrophenol
Concen: 48.931 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion:139 Resp: 229292
Ion Ratio Lower Upper
139 100
109 26.6 20.8 31.2
65 48.3 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 40.934 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142391.D

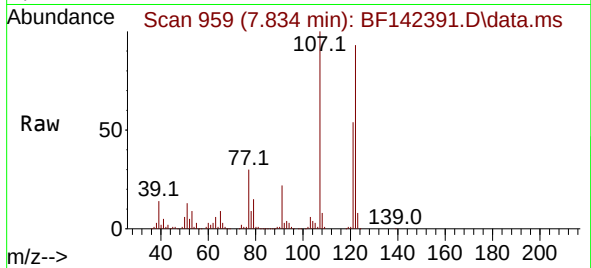
Acq: 15 May 2025 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



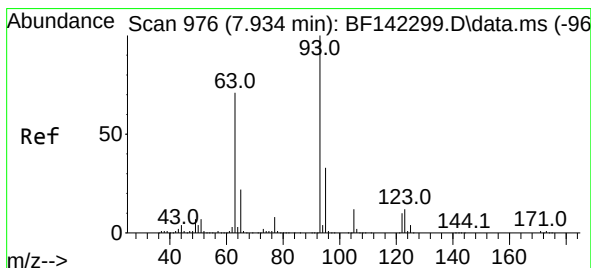
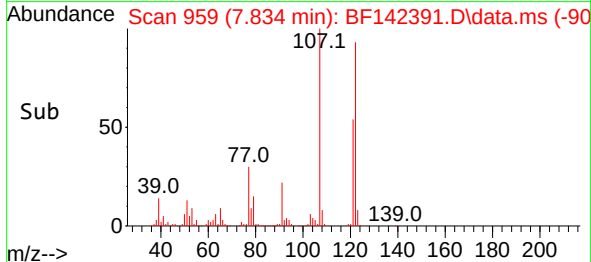
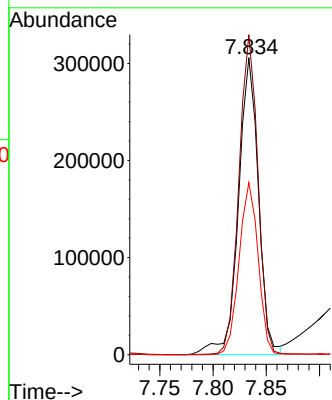
Tgt Ion:122 Resp: 401232

Ion Ratio Lower Upper

122 100

107 107.7 86.0 129.0

121 58.0 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 37.268 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

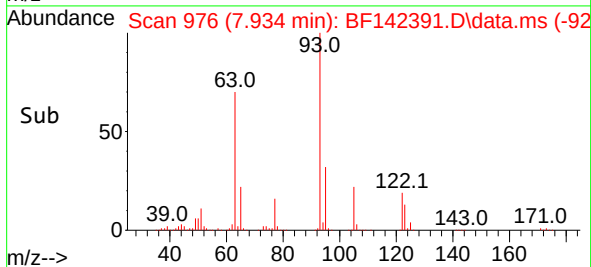
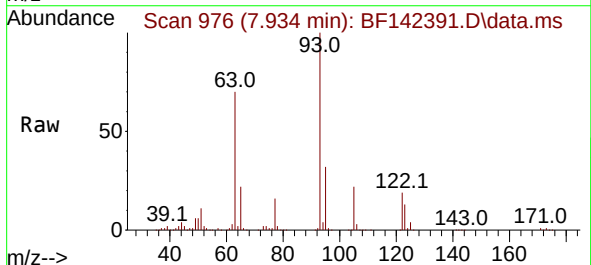
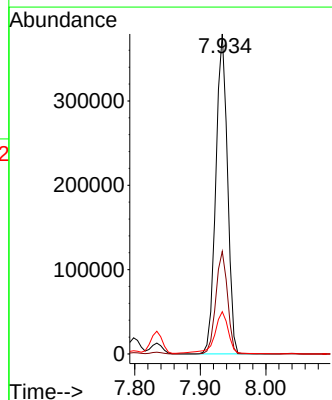
Tgt Ion: 93 Resp: 467200

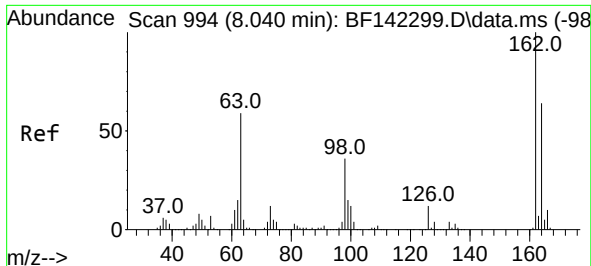
Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

123 13.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 42.703 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142391.D

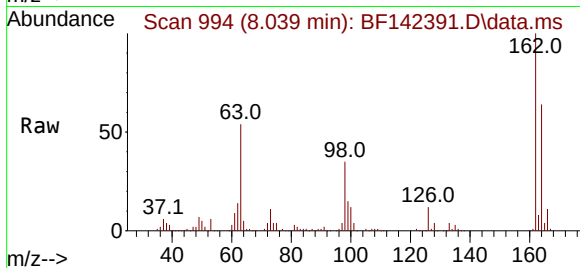
Acq: 15 May 2025 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



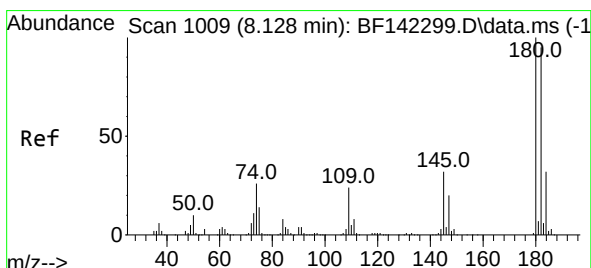
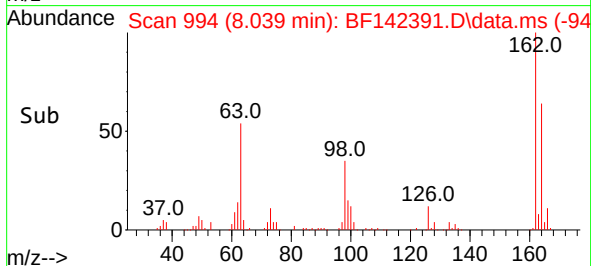
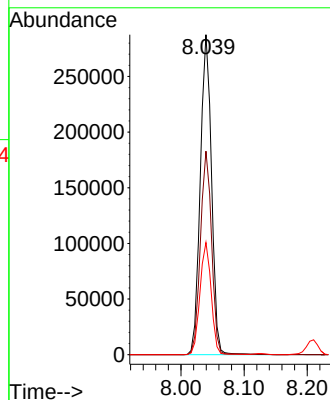
Tgt Ion:162 Resp: 355863

Ion Ratio Lower Upper

162 100

164 63.6 43.6 83.6

98 35.1 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 40.205 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

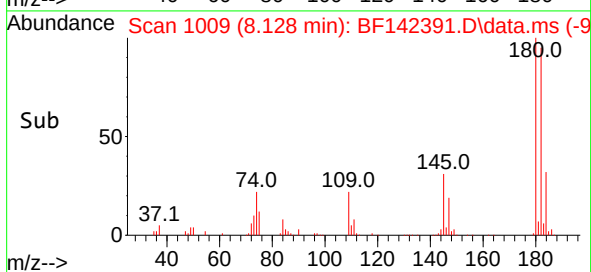
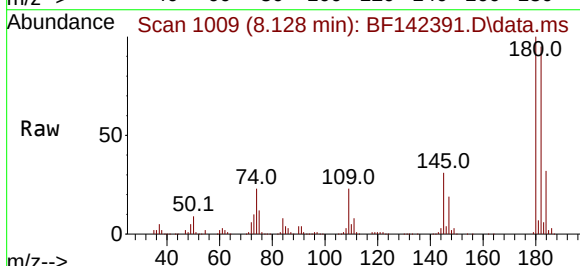
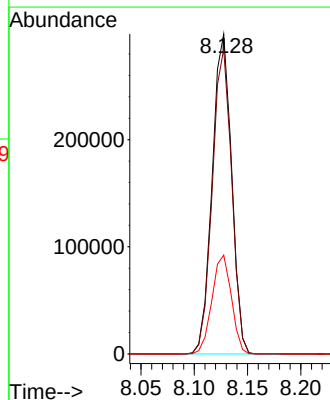
Tgt Ion:180 Resp: 377066

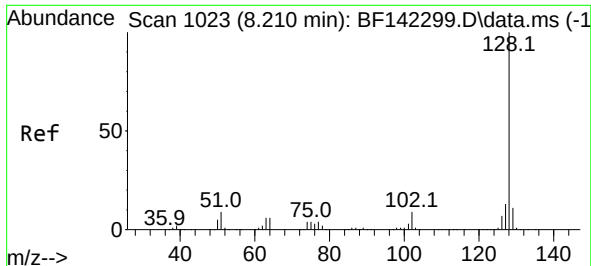
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

145 30.9 25.8 38.6

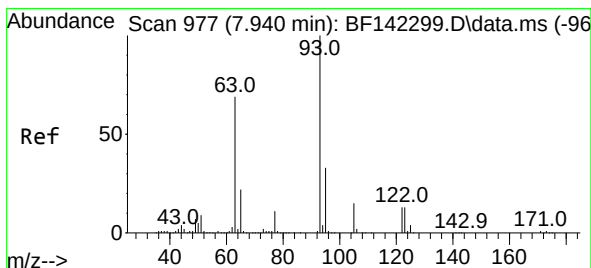
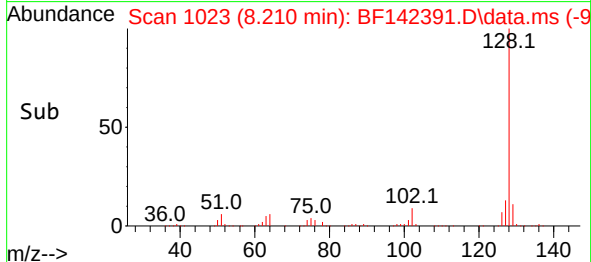
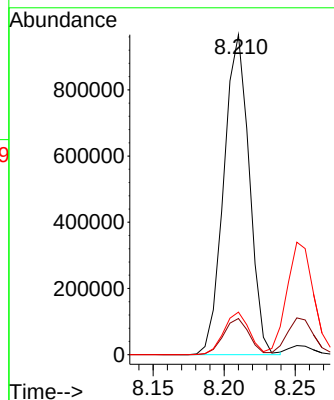
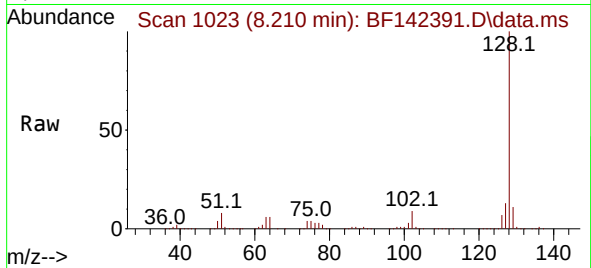




#31
Naphthalene
Concen: 39.552 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

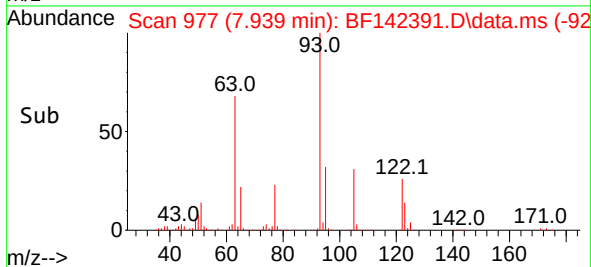
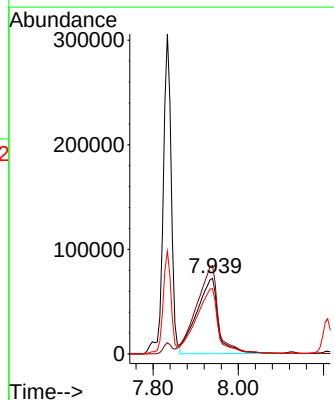
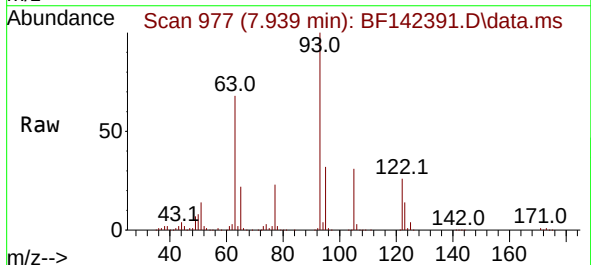
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

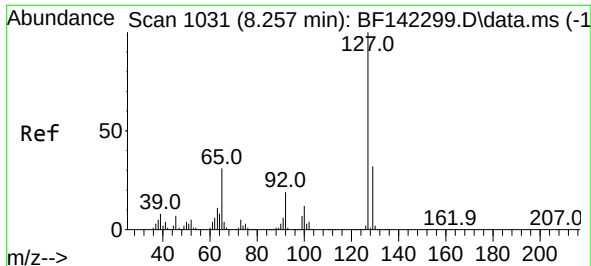
Tgt Ion:128 Resp: 1203630
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 48.196 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.001 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion:122 Resp: 253688
Ion Ratio Lower Upper
122 100
105 117.1 97.9 137.9
77 86.5 67.7 107.7

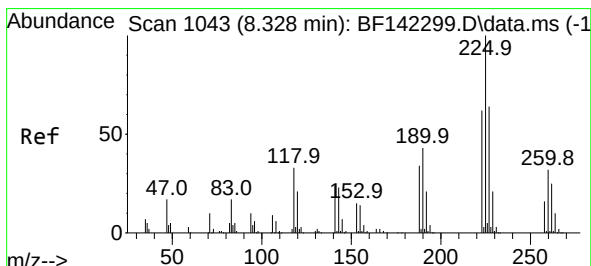
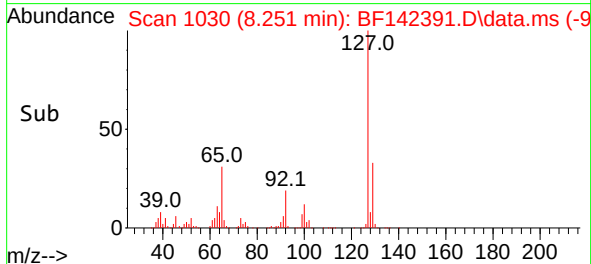
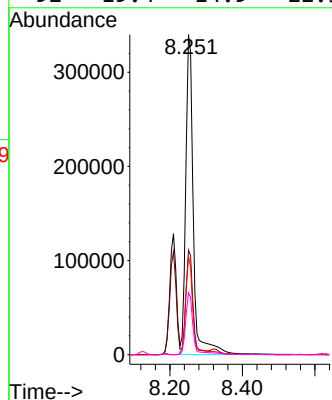
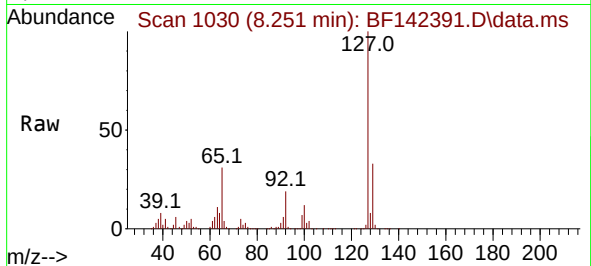




#33
4-Chloroaniline
Concen: 39.814 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.016 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

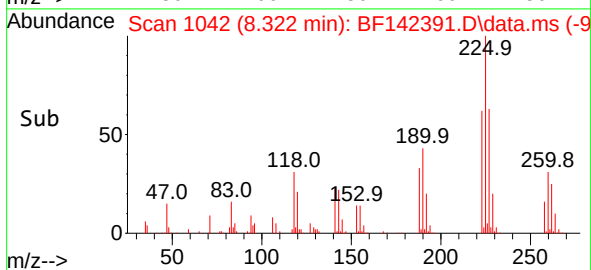
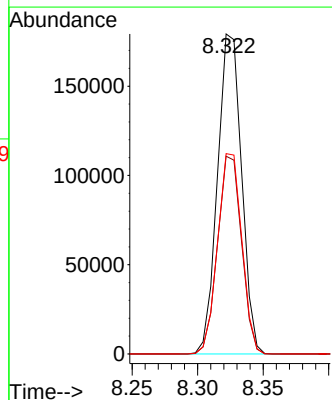
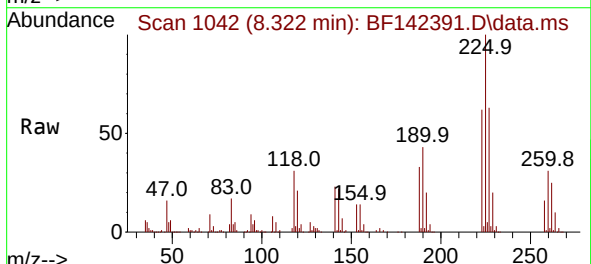
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

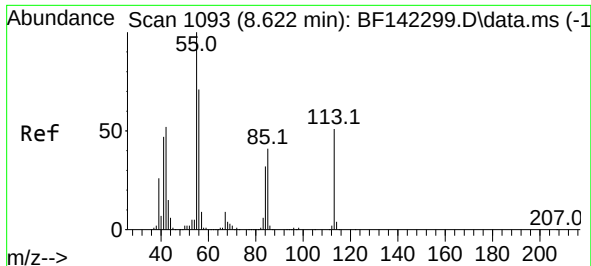
Tgt Ion:127	Resp: 494386
Ion Ratio	Lower Upper
127 100	
129 32.7	25.7 38.5
65 30.6	24.9 37.3
92 19.4	14.9 22.3



#34
Hexachlorobutadiene
Concen: 41.218 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion:225	Resp: 228906		
Ion Ratio	Lower	Upper	
225 100			
223 61.8	49.8	74.6	
227 62.6	50.9	76.3	

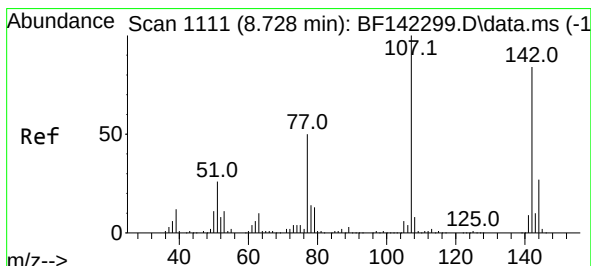
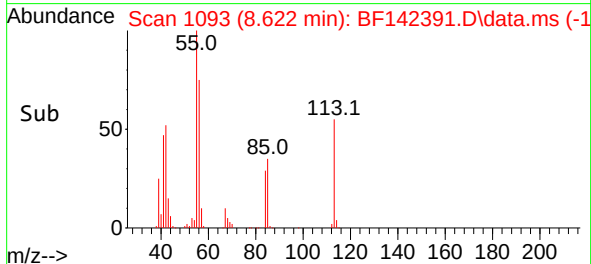
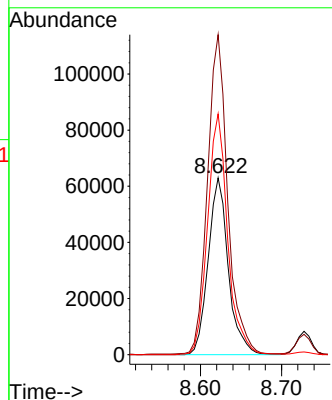
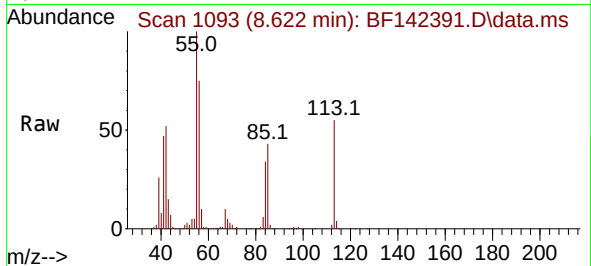




#35
Caprolactam
Concen: 44.599 ng
RT: 8.622 min Scan# 1093
Delta R.T. -0.000 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

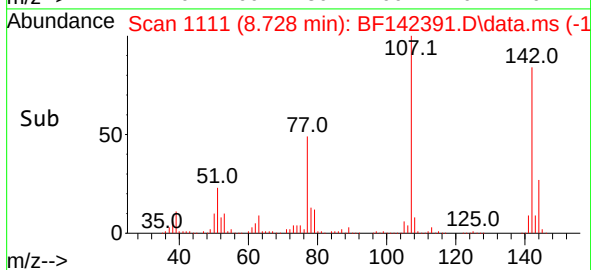
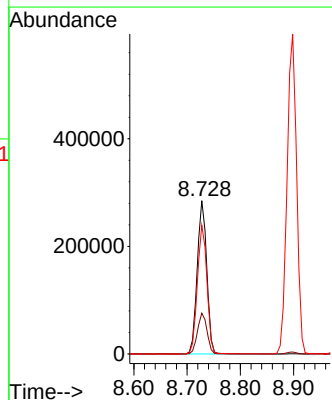
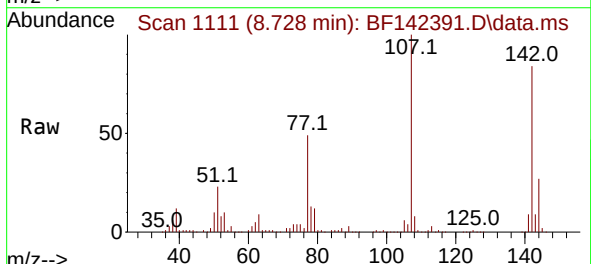
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

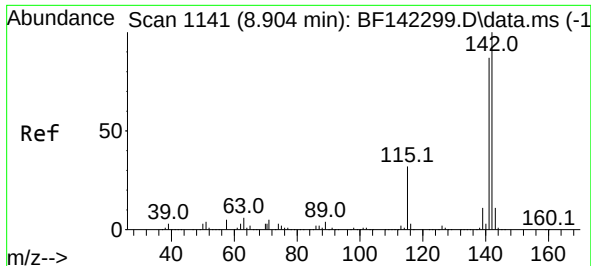
Tgt Ion:113 Resp: 108318
Ion Ratio Lower Upper
113 100
55 180.9 176.4 216.4
56 136.1 120.3 160.3



#36
4-Chloro-3-methylphenol
Concen: 40.957 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion:107 Resp: 354797
Ion Ratio Lower Upper
107 100
144 26.6 21.3 31.9
142 83.9 66.9 100.3





#37

2-Methylnaphthalene

Concen: 39.084 ng

RT: 8.898 min Scan# 1140

Delta R.T. -0.006 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

Instrument :

BNA_F

ClientSampleId :

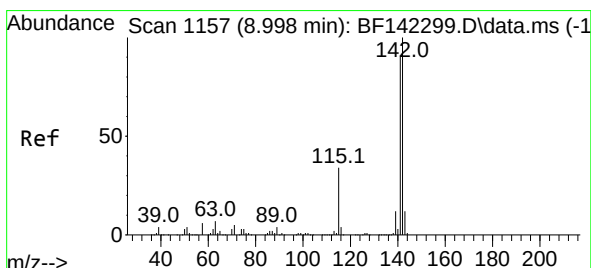
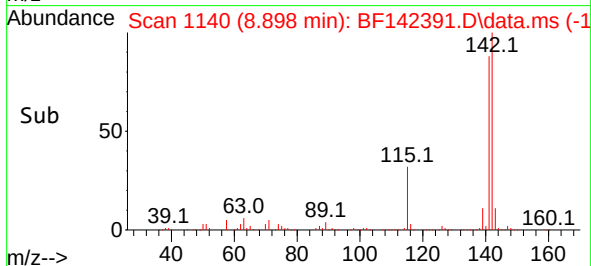
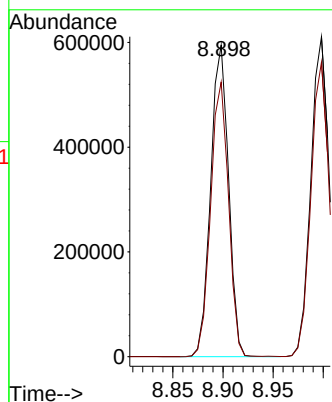
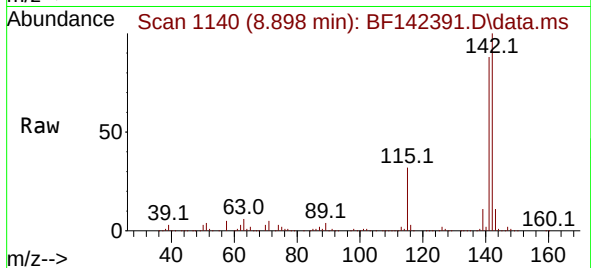
SSTDCCC040EC

Tgt Ion:142 Resp: 739060

Ion Ratio Lower Upper

142 100

141 88.2 69.4 104.2



#38

1-Methylnaphthalene

Concen: 38.852 ng

RT: 8.998 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF142391.D

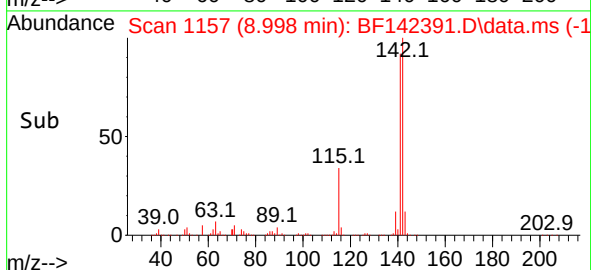
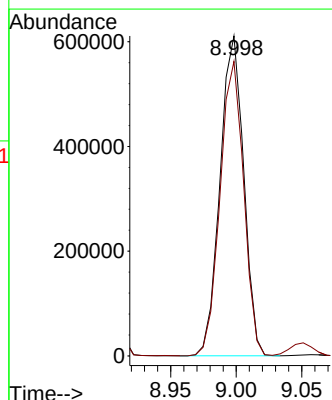
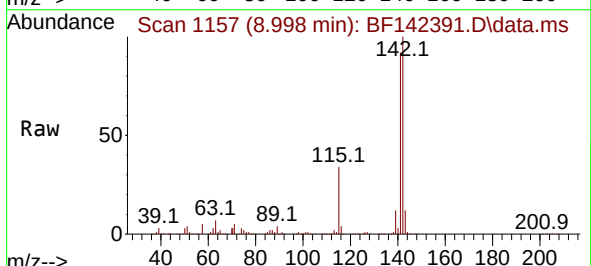
Acq: 15 May 2025 13:58

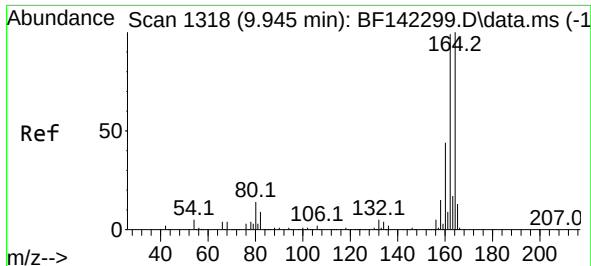
Tgt Ion:142 Resp: 765722

Ion Ratio Lower Upper

142 100

141 92.0 72.5 108.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142391.D

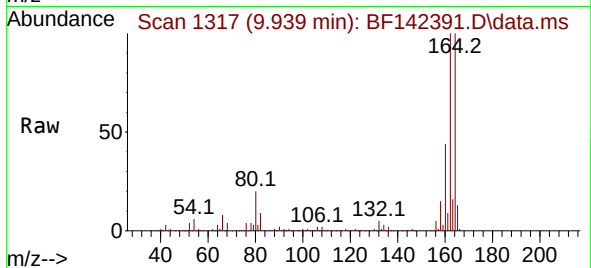
Acq: 15 May 2025 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



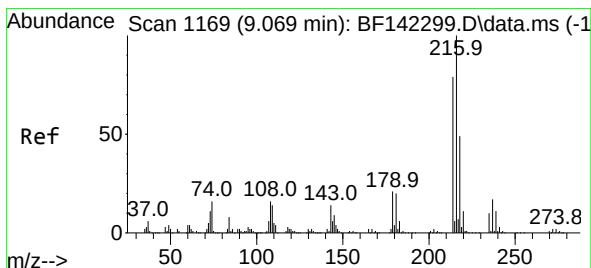
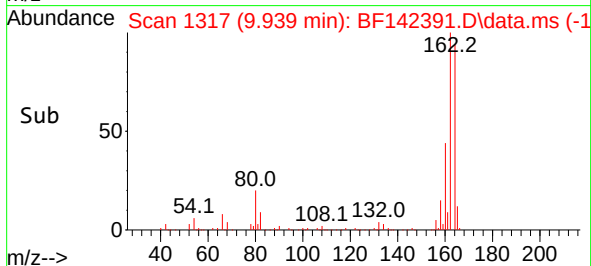
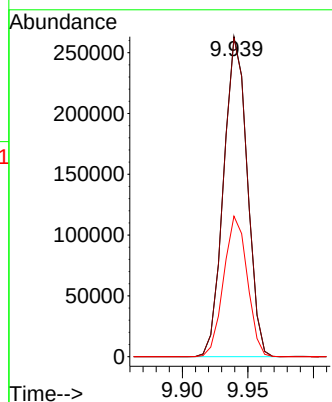
Tgt Ion:164 Resp: 329169

Ion Ratio Lower Upper

164 100

162 99.6 79.2 118.8

160 43.9 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.687 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

Tgt Ion:216 Resp: 374052

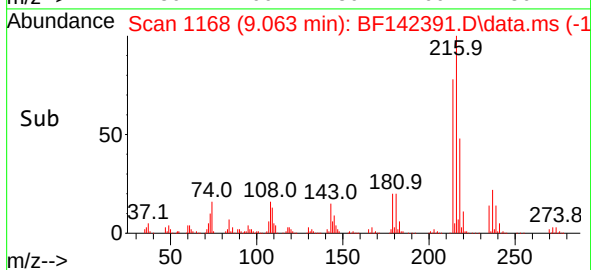
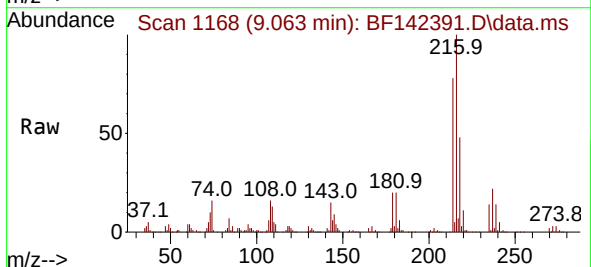
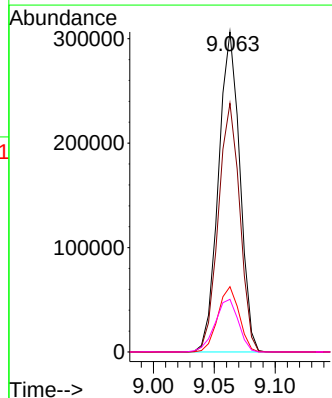
Ion Ratio Lower Upper

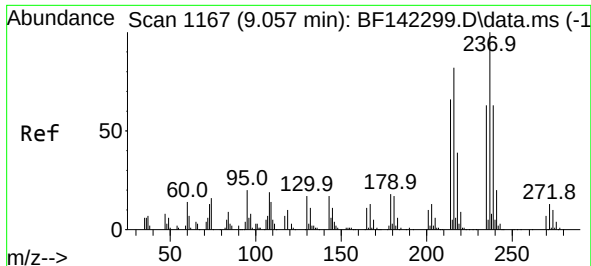
216 100

214 77.9 63.8 95.6

179 20.4 17.0 25.6

108 18.1 15.0 22.6

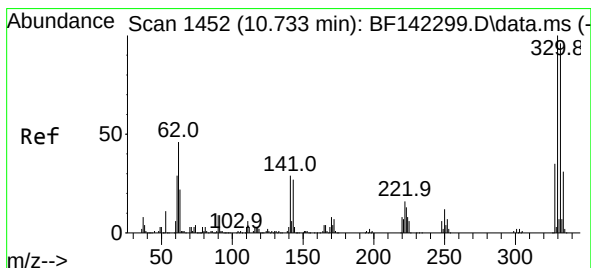
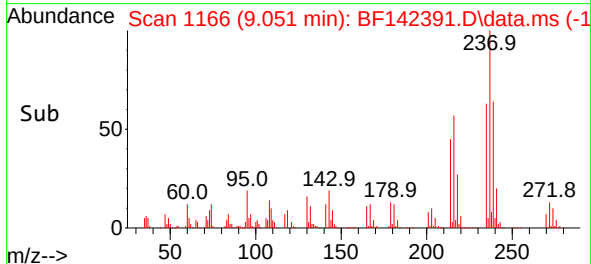
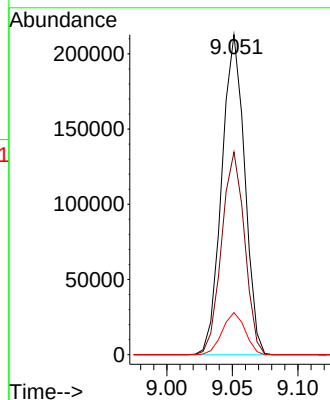
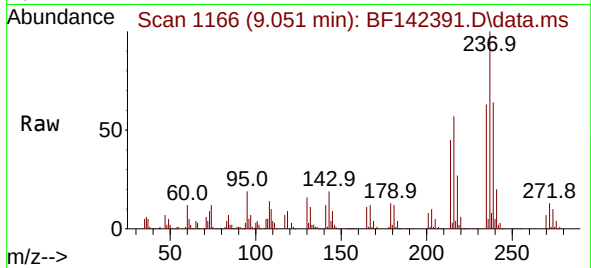




#41
Hexachlorocyclopentadiene
Concen: 45.422 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

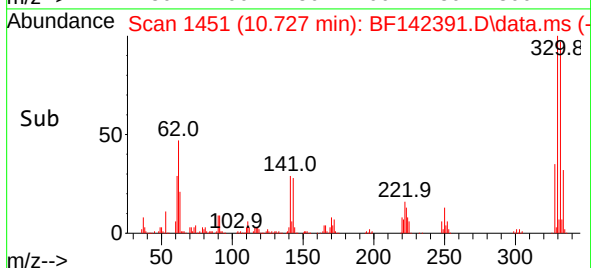
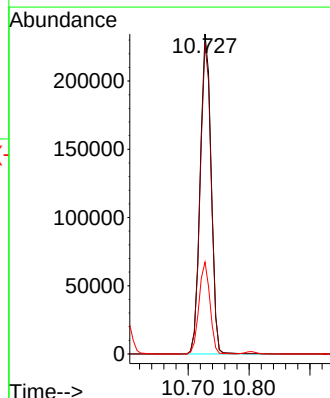
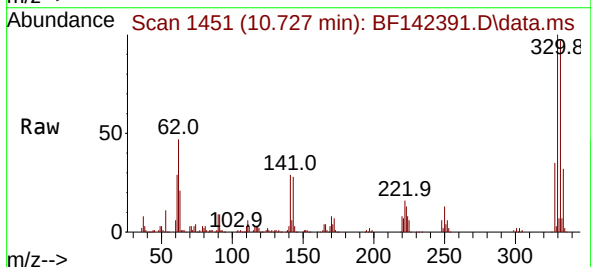
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

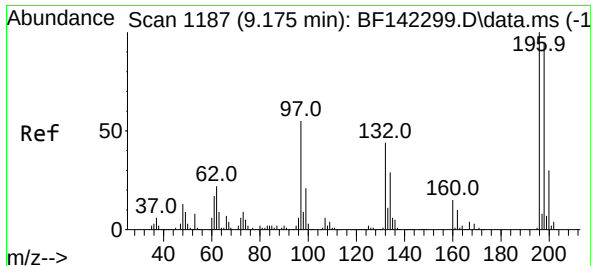
Tgt Ion:237 Resp: 258074
Ion Ratio Lower Upper
237 100
235 63.4 42.8 82.8
272 13.2 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 92.085 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion:330 Resp: 292651
Ion Ratio Lower Upper
330 100
332 96.9 76.8 115.2
141 28.5 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 44.357 ng

RT: 9.169 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF142391.D

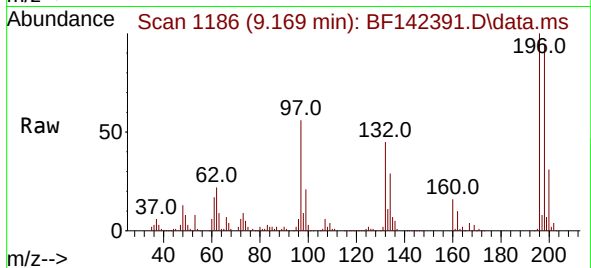
Acq: 15 May 2025 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



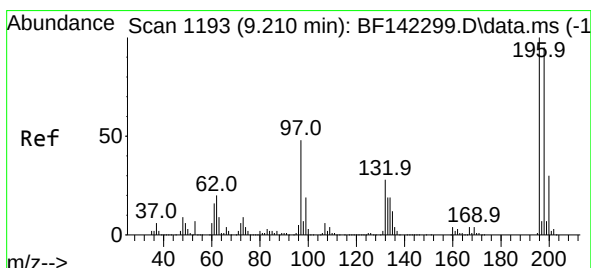
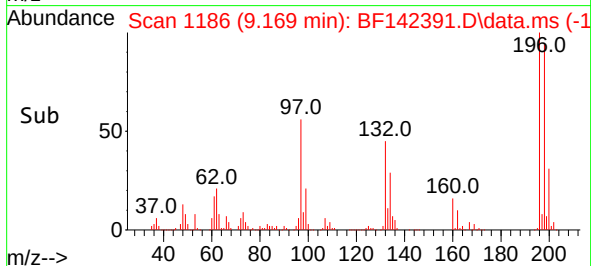
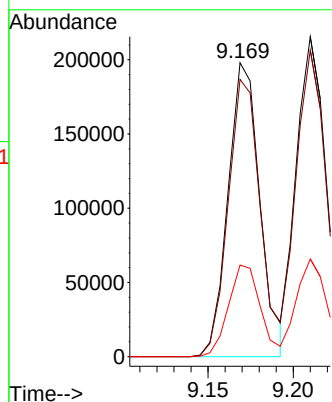
Tgt Ion:196 Resp: 257221

Ion Ratio Lower Upper

196 100

198 94.3 75.4 113.0

200 31.2 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 42.655 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

Tgt Ion:196 Resp: 263184

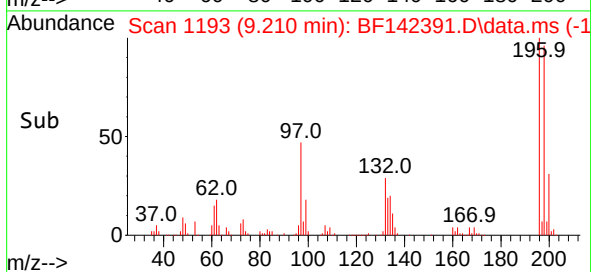
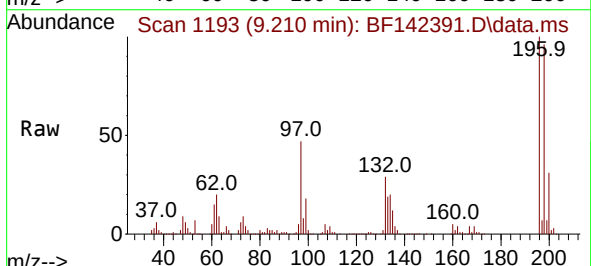
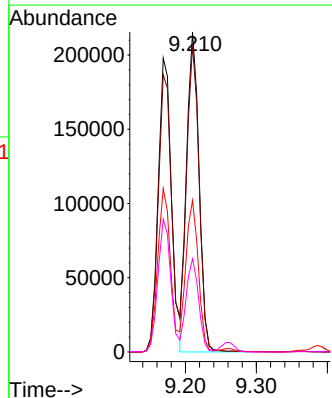
Ion Ratio Lower Upper

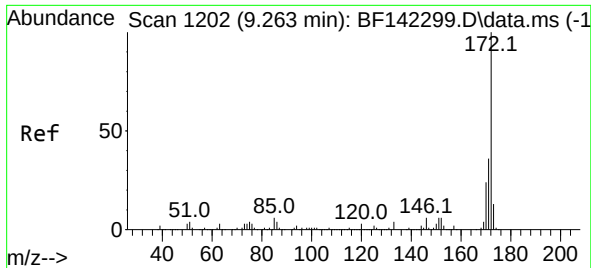
196 100

198 95.8 76.1 114.1

97 47.3 39.0 58.4

132 29.1 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 76.224 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

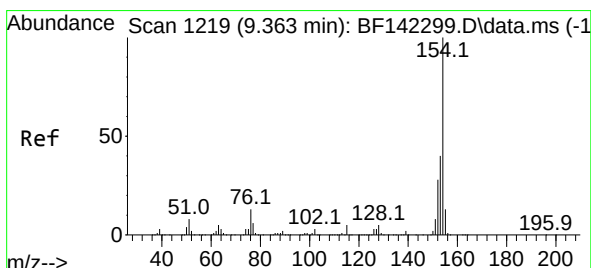
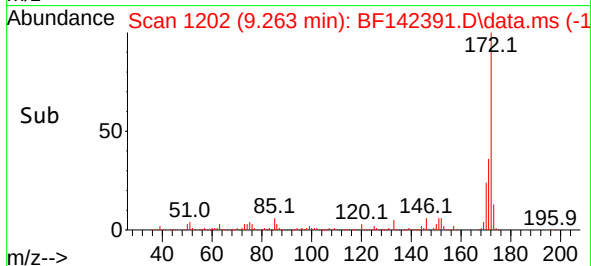
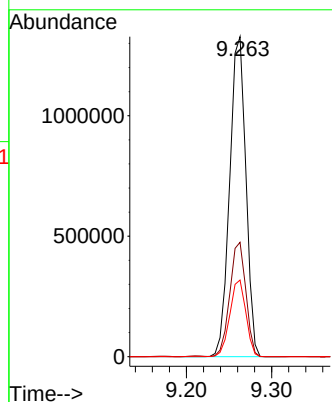
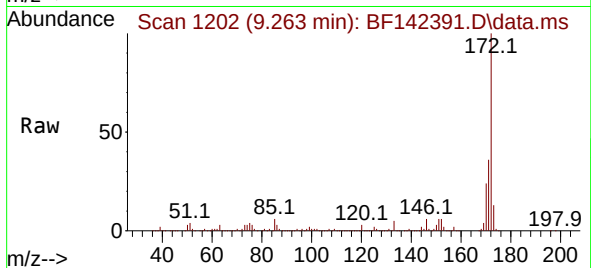
Tgt Ion:172 Resp: 1759664

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 38.942 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

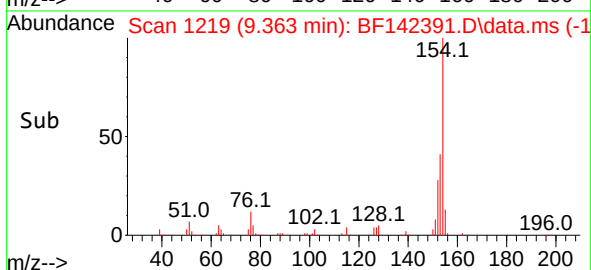
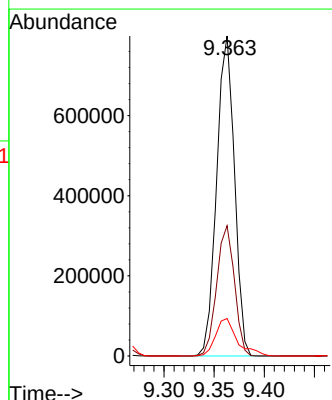
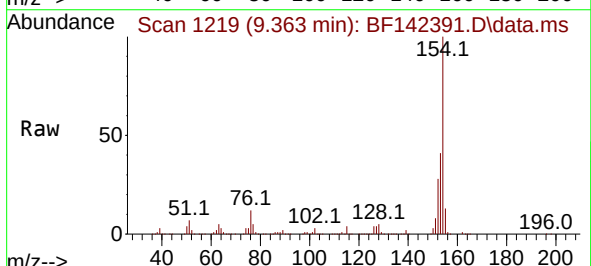
Tgt Ion:154 Resp: 982857

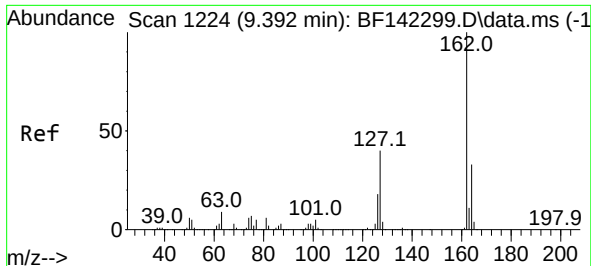
Ion Ratio Lower Upper

154 100

153 40.7 20.5 60.5

76 11.7 0.0 32.8





#47

2-Chloronaphthalene

Concen: 39.628 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

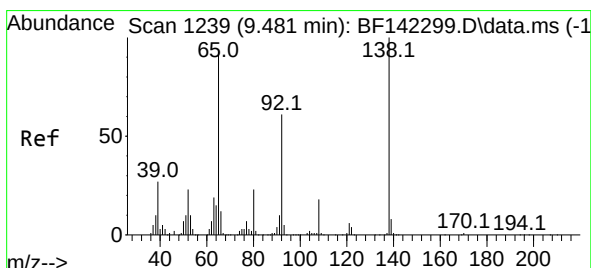
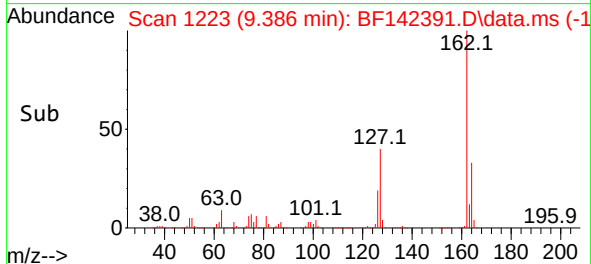
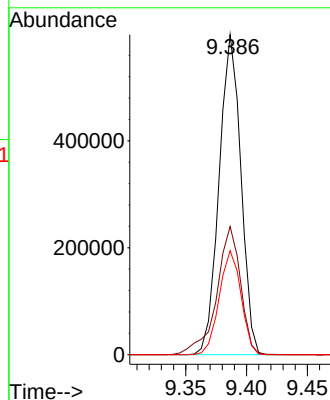
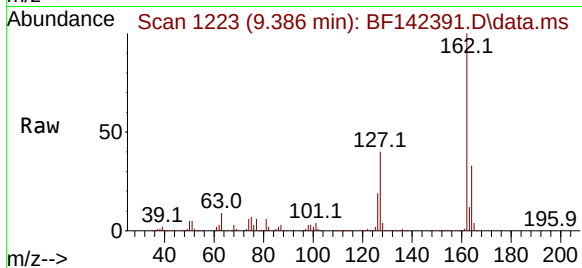
Tgt Ion:162 Resp: 743800

Ion Ratio Lower Upper

162 100

127 40.0 32.3 48.5

164 32.5 26.6 40.0



#48

2-Nitroaniline

Concen: 48.112 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

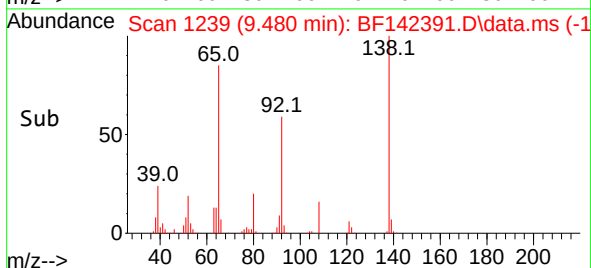
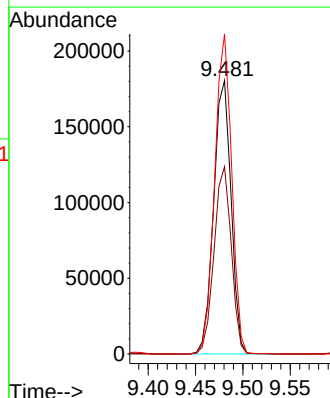
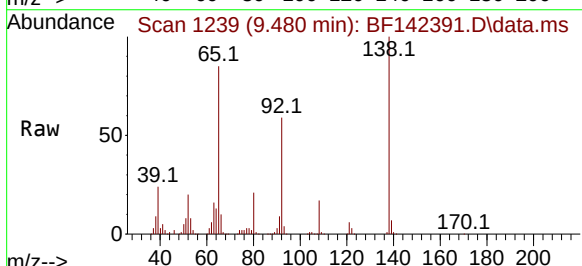
Tgt Ion: 65 Resp: 231469

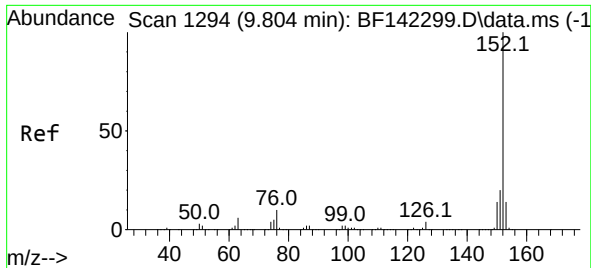
Ion Ratio Lower Upper

65 100

92 68.5 52.3 78.5

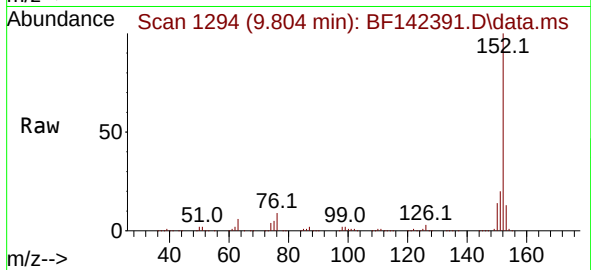
138 117.0 85.6 128.4



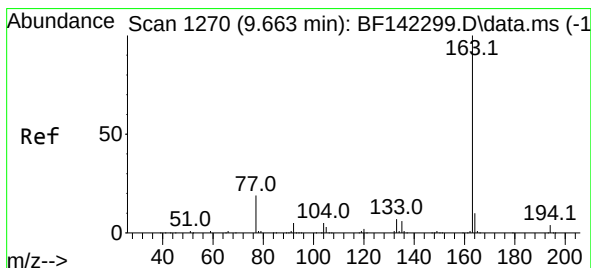
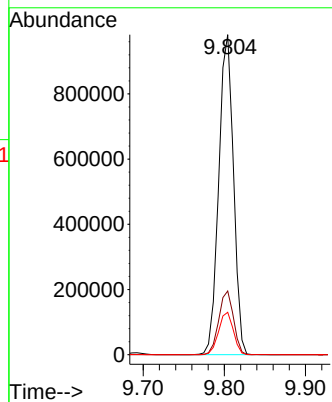
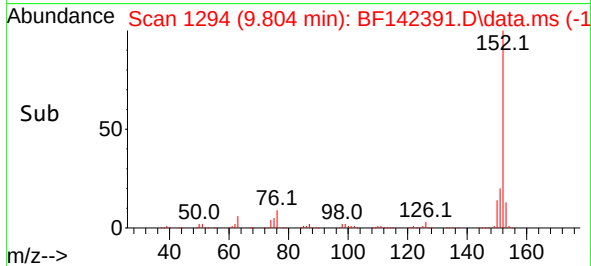


#49
Acenaphthylene
Concen: 39.520 ng
RT: 9.804 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

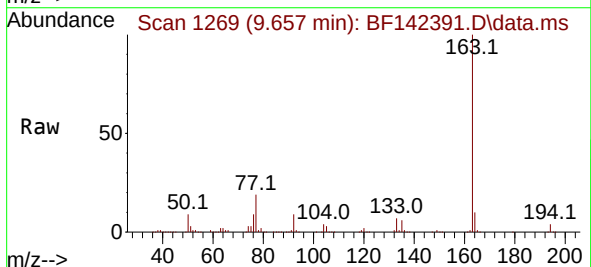
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



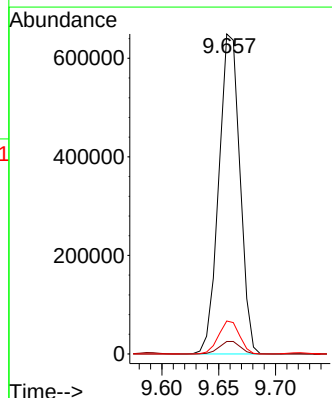
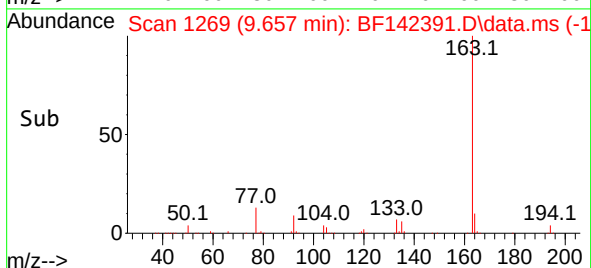
Tgt Ion:152 Resp: 1240865
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.3 10.8 16.2

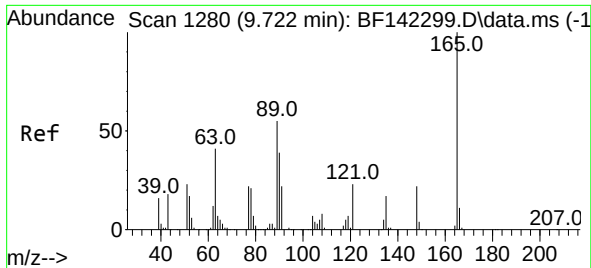


#50
Dimethylphthalate
Concen: 39.778 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58



Tgt Ion:163 Resp: 840785
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.3 8.3 12.5

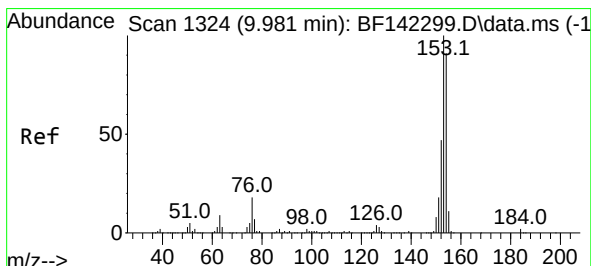
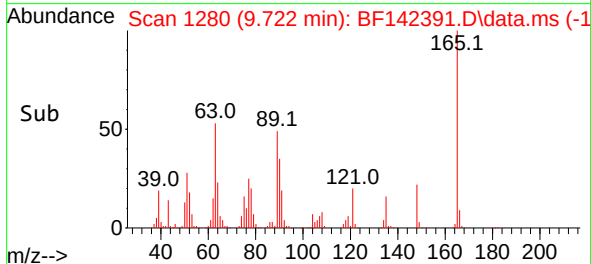
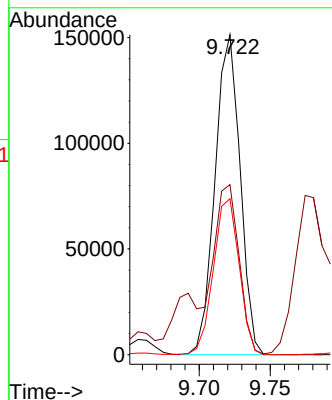
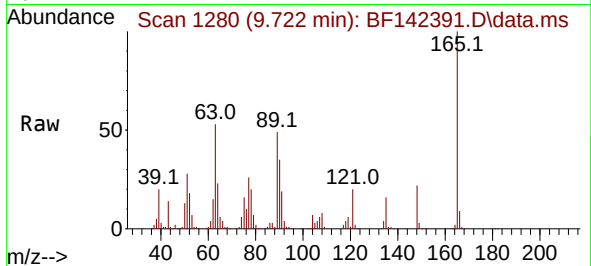




#51
2,6-Dinitrotoluene
Concen: 47.019 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

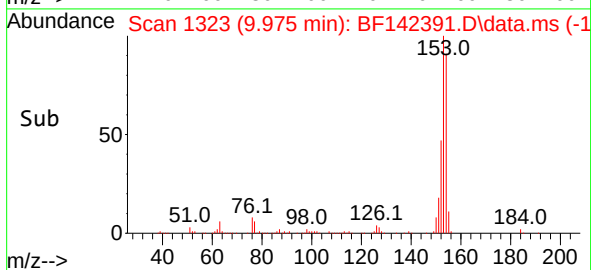
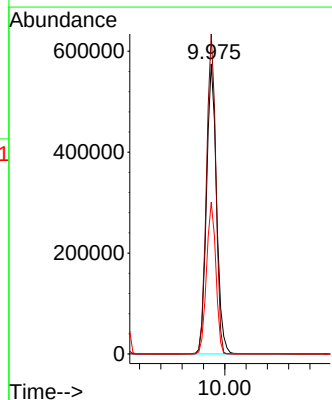
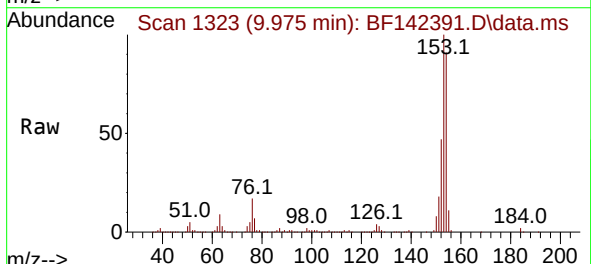
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

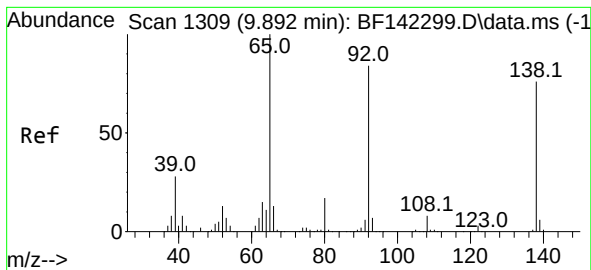
Tgt Ion:165 Resp: 186028
Ion Ratio Lower Upper
165 100
63 53.1 49.5 74.3
89 48.8 44.6 66.8



#52
Acenaphthene
Concen: 40.019 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion:154 Resp: 755546
Ion Ratio Lower Upper
154 100
153 110.3 88.0 132.0
152 52.3 41.6 62.4





#53

3-Nitroaniline

Concen: 46.193 ng

RT: 9.892 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

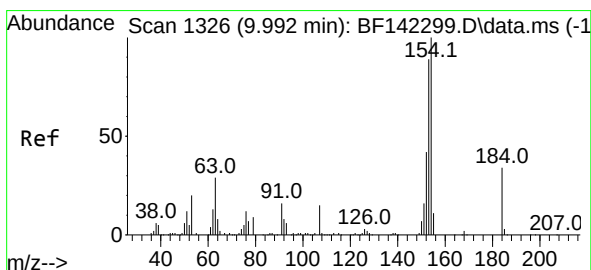
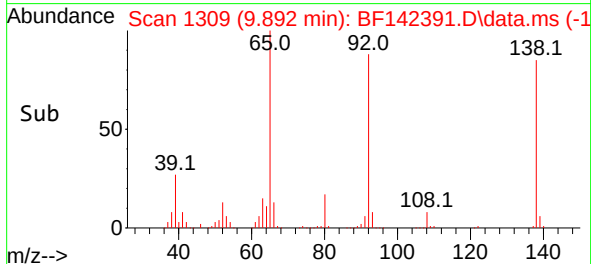
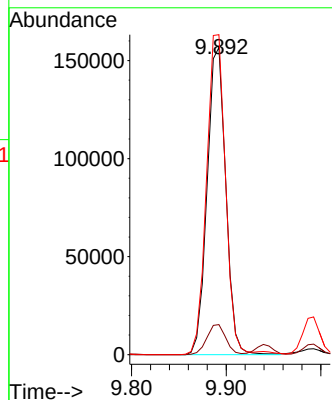
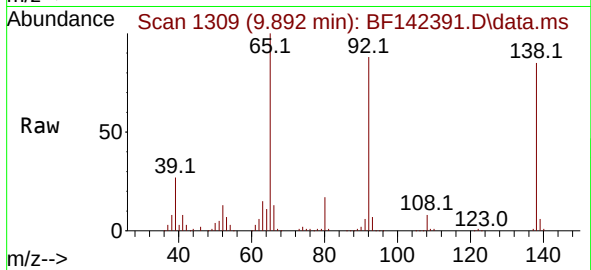
Tgt Ion:138 Resp: 214345

Ion Ratio Lower Upper

138 100

108 9.8 8.7 13.1

92 104.2 89.5 134.3



#54

2,4-Dinitrophenol

Concen: 53.459 ng

RT: 9.992 min Scan# 1326

Delta R.T. 0.000 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

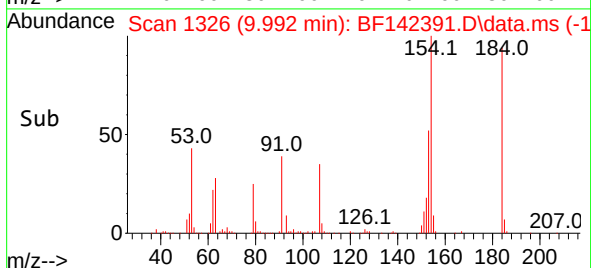
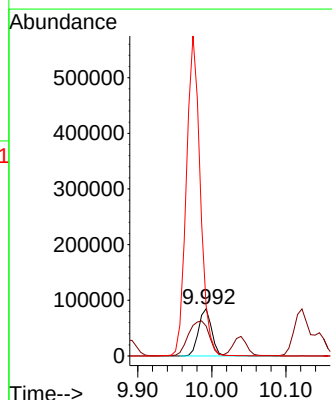
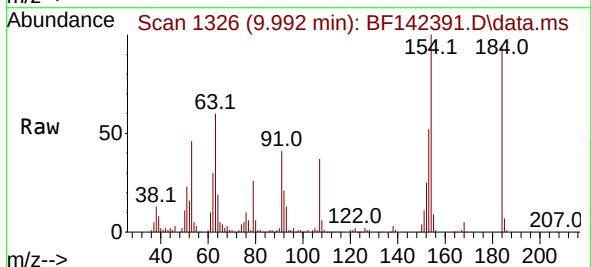
Tgt Ion:184 Resp: 104835

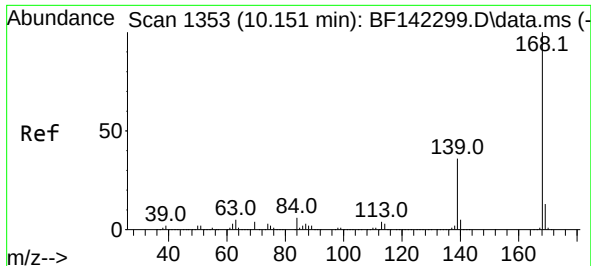
Ion Ratio Lower Upper

184 100

63 63.6 70.6 105.8#

154 106.5 257.2 385.8#

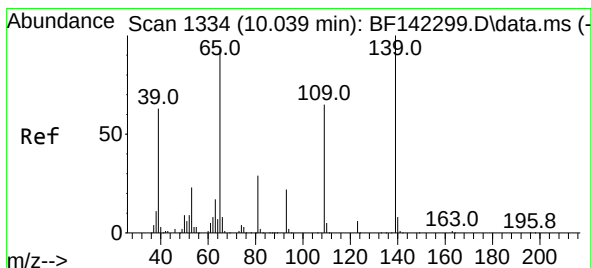
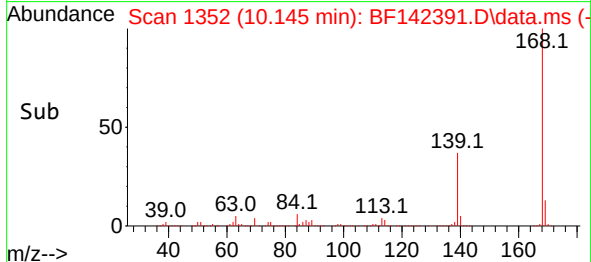
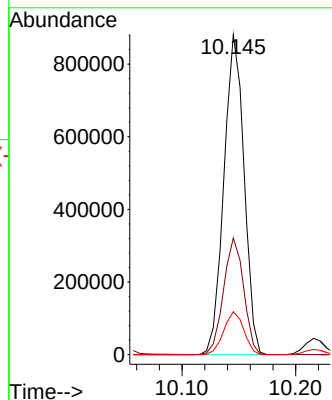
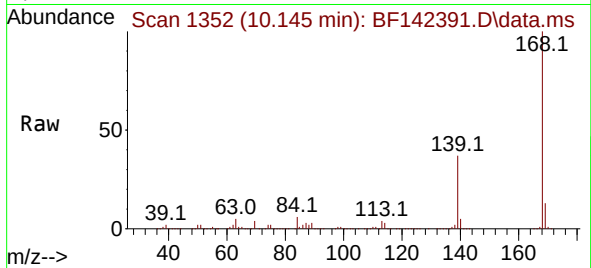




#55
Dibenzofuran
Concen: 39.044 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

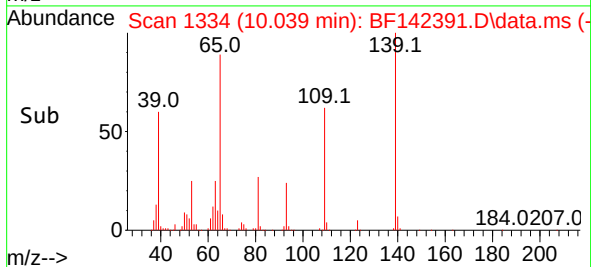
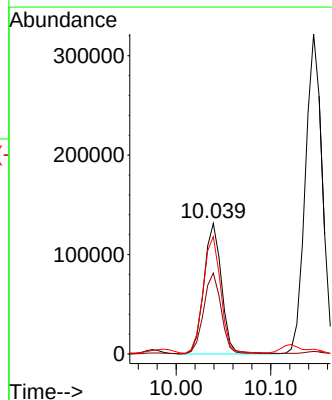
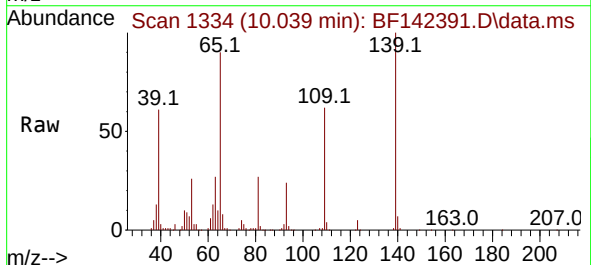
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

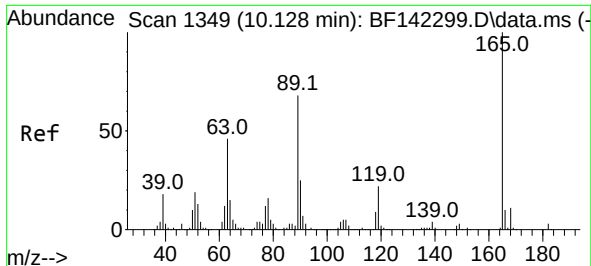
Tgt Ion:168 Resp: 1087881
Ion Ratio Lower Upper
168 100
139 36.5 29.0 43.4
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 48.767 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion:139 Resp: 170308
Ion Ratio Lower Upper
139 100
109 62.0 45.3 85.3
65 89.7 73.9 113.9





#57

2,4-Dinitrotoluene

Concen: 49.962 ng

RT: 10.122 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:165 Resp: 253558

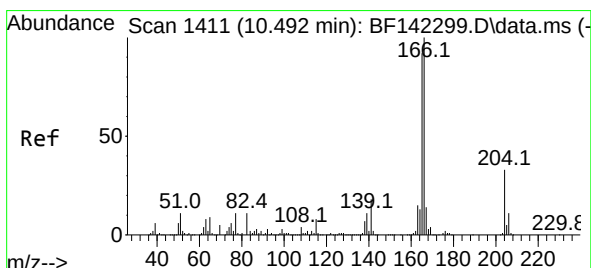
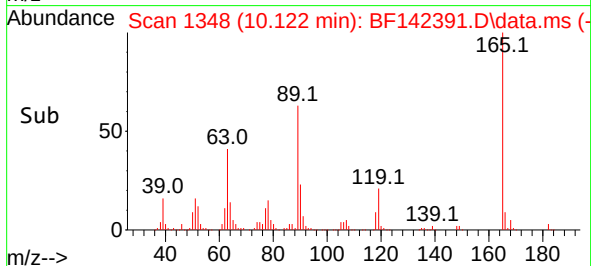
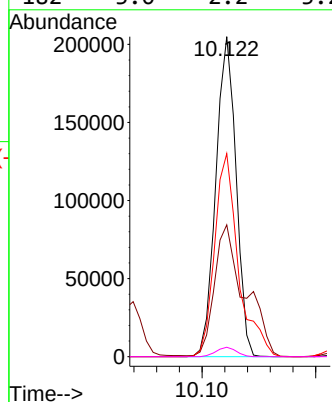
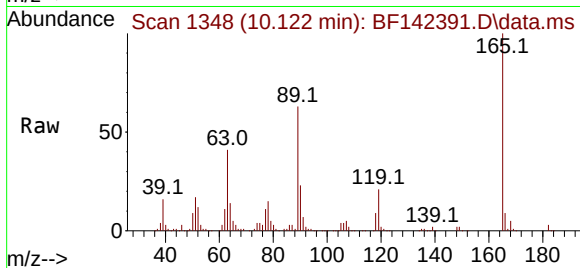
Ion Ratio Lower Upper

165 100

63 41.2 37.1 55.7

89 63.5 54.4 81.6

182 3.0 2.2 3.2



#58

Fluorene

Concen: 38.906 ng

RT: 10.486 min Scan# 1410

Delta R.T. -0.006 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

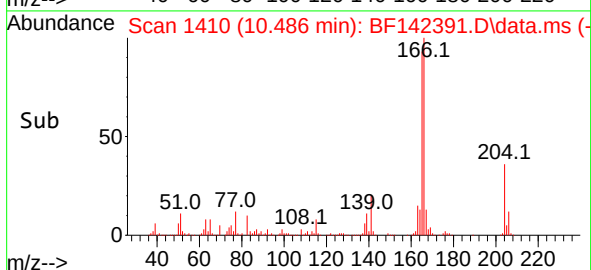
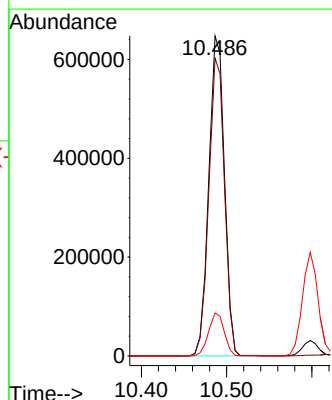
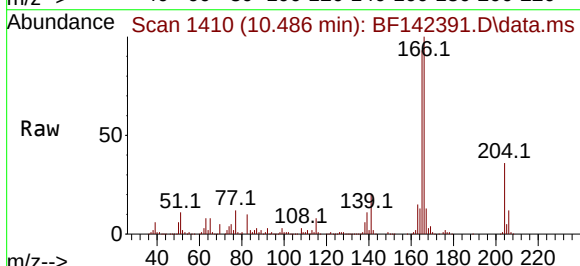
Tgt Ion:166 Resp: 827290

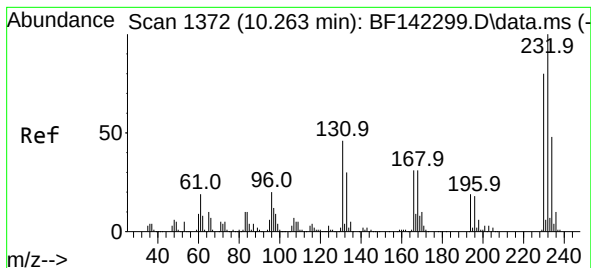
Ion Ratio Lower Upper

166 100

165 93.1 74.0 111.0

167 13.5 10.9 16.3

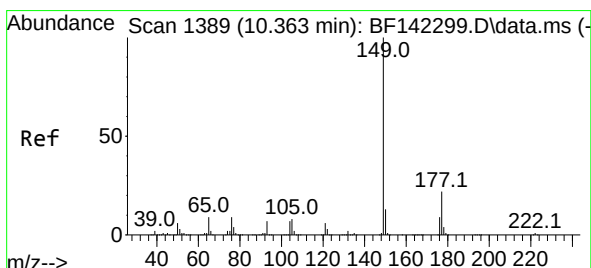
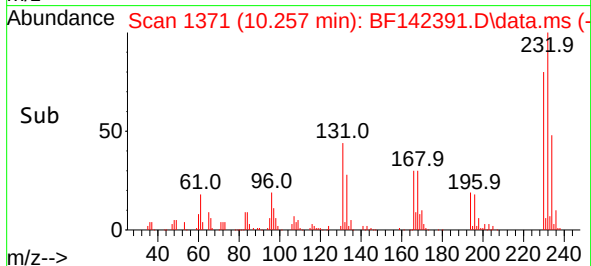
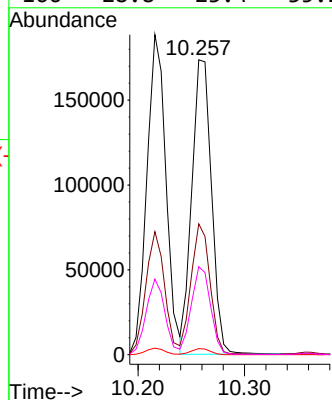
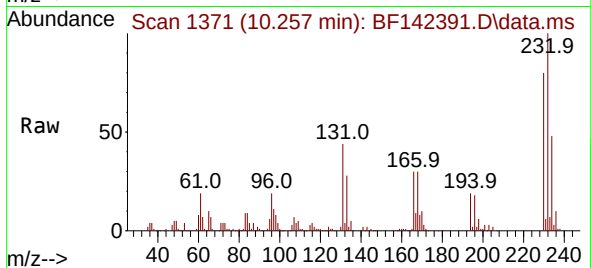




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.865 ng
RT: 10.257 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

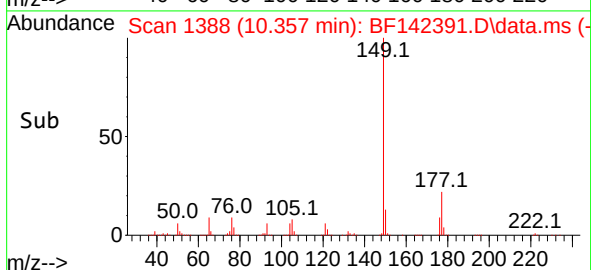
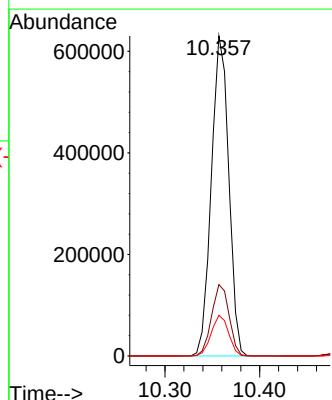
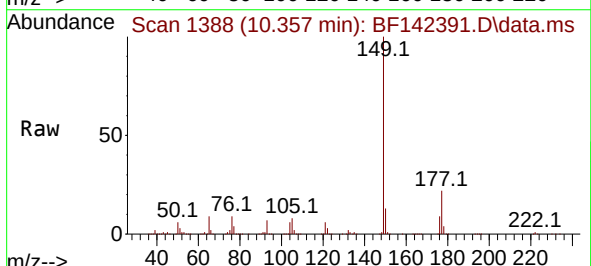
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

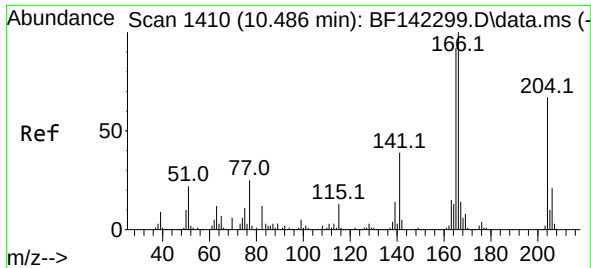
Tgt Ion:232 Resp: 223425
Ion Ratio Lower Upper
232 100
131 42.6 36.0 54.0
130 2.0 1.8 2.6
166 28.8 23.4 35.2



#60
Diethylphthalate
Concen: 37.988 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion:149 Resp: 801876
Ion Ratio Lower Upper
149 100
177 22.3 17.6 26.4
150 12.7 10.1 15.1

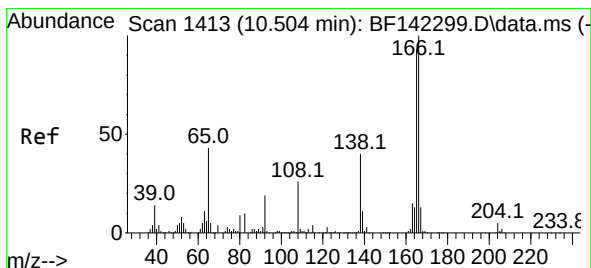
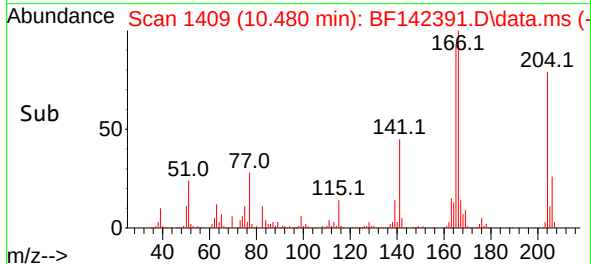
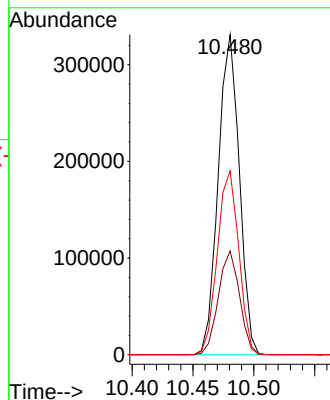
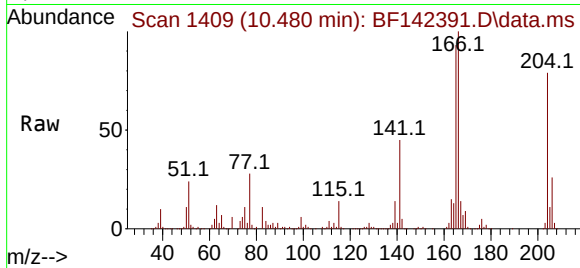




#61
4-Chlorophenyl-phenylether
Concen: 38.998 ng
RT: 10.480 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

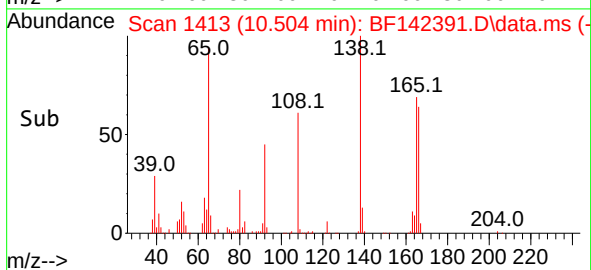
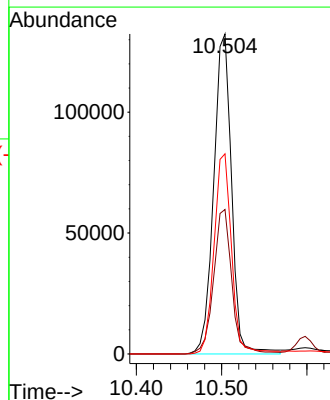
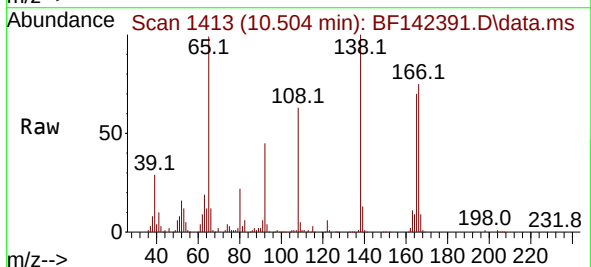
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

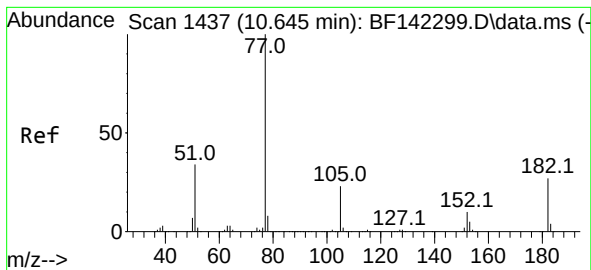
Tgt Ion:204 Resp: 400075
Ion Ratio Lower Upper
204 100
206 32.4 25.5 38.3
141 57.5 46.4 69.6



#62
4-Nitroaniline
Concen: 52.481 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion:138 Resp: 193006
Ion Ratio Lower Upper
138 100
92 45.2 27.3 67.3
108 62.6 45.1 85.1

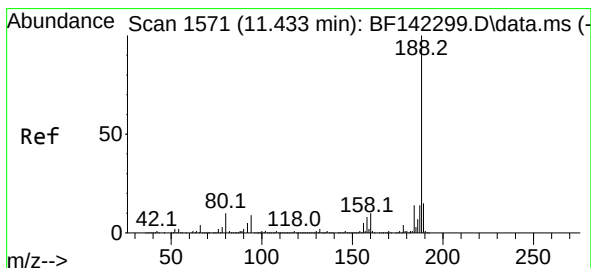
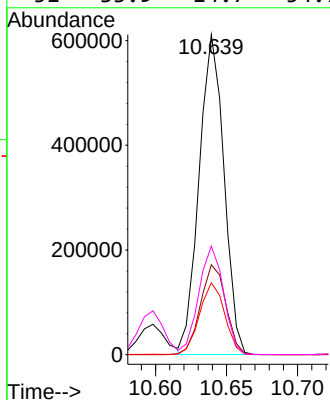
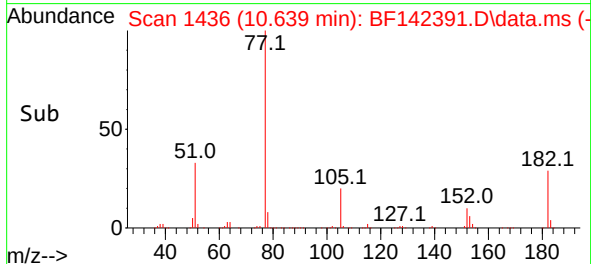
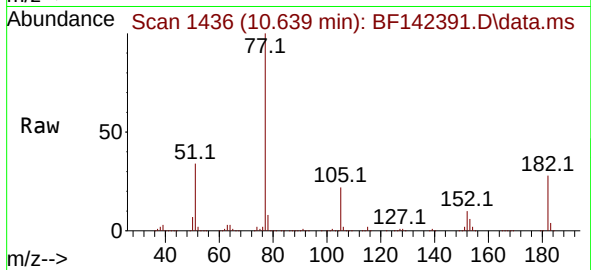




#63
Azobenzene
Concen: 36.980 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

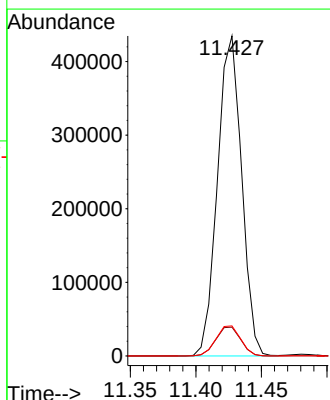
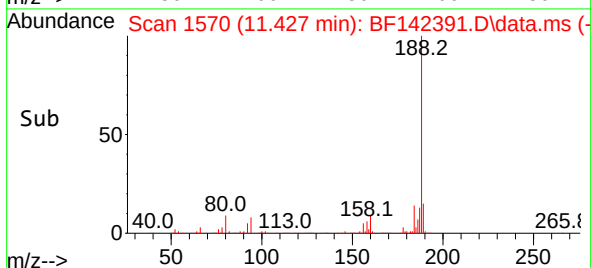
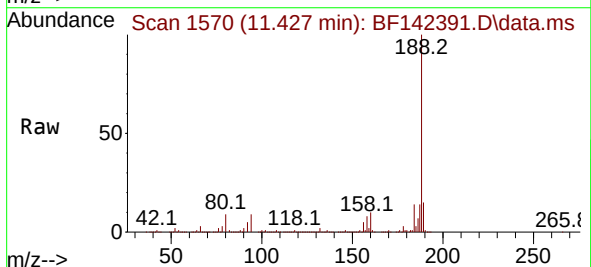
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

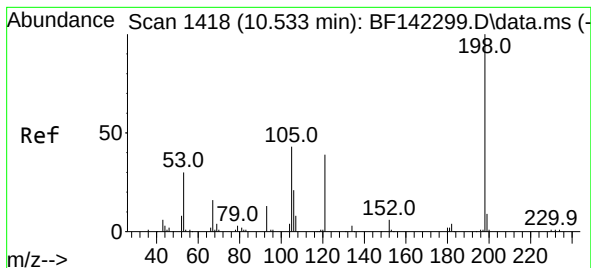
Tgt Ion:	77	Resp:	745907
Ion	Ratio	Lower	Upper
77	100		
182	28.1	6.9	46.9
105	22.5	2.7	42.7
51	33.9	14.7	54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion:	188	Resp:	556891
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.5	11.3
80	9.4	7.9	11.9

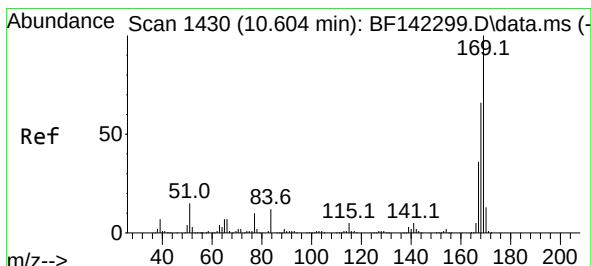
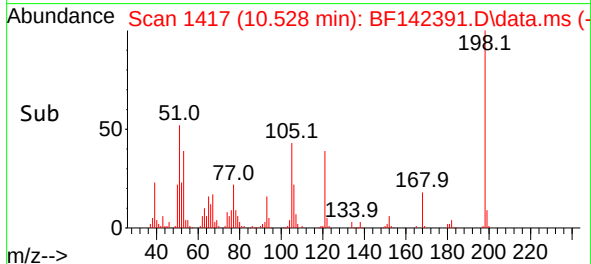
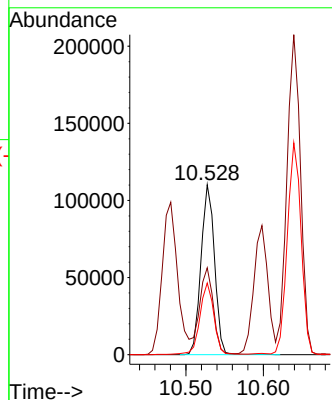
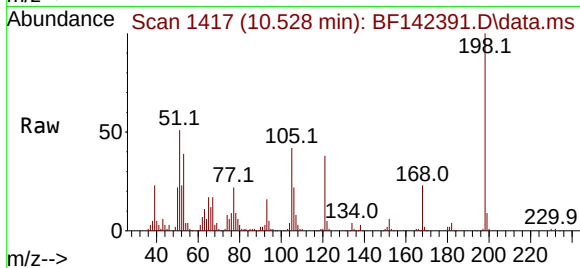




#65
4,6-Dinitro-2-methylphenol
Concen: 50.973 ng
RT: 10.528 min Scan# 1418
Delta R.T. -0.005 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

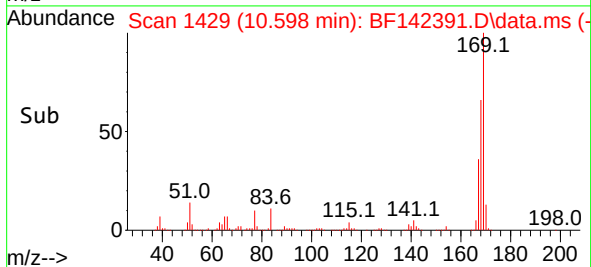
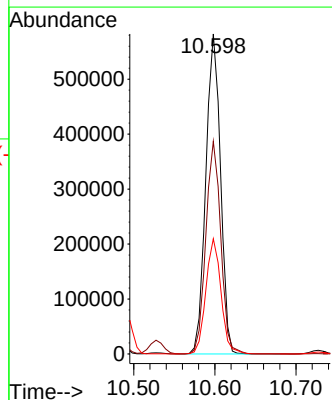
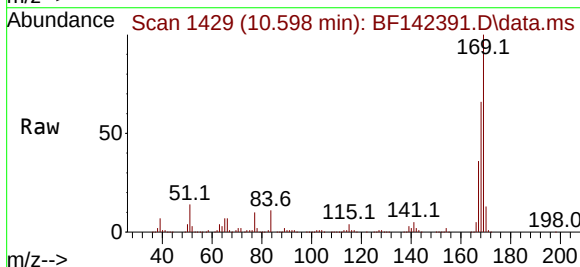
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

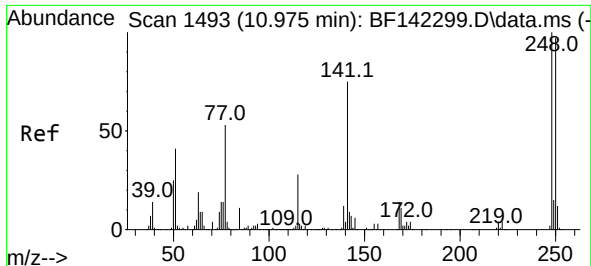
Tgt Ion:198 Resp: 133682
Ion Ratio Lower Upper
198 100
51 51.1 32.9 72.9
105 42.2 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 39.336 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion:169 Resp: 728940
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 36.0 28.9 43.3

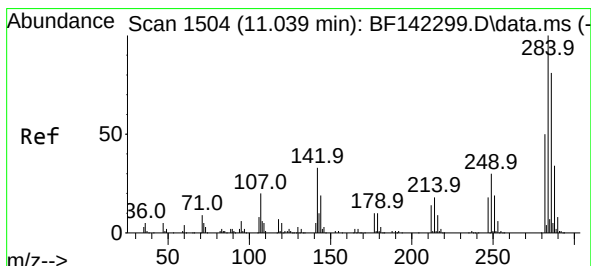
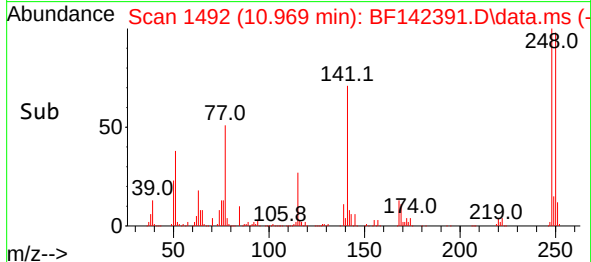
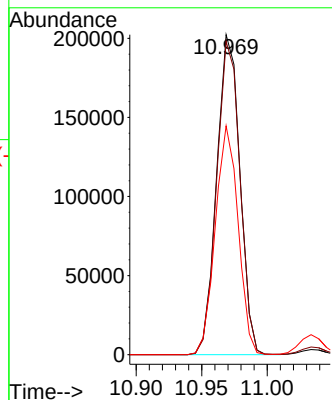
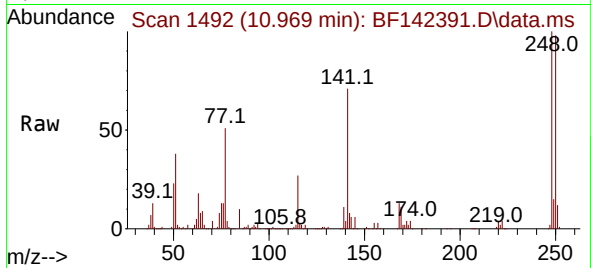




#67
4-Bromophenyl-phenylether
Concen: 39.524 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

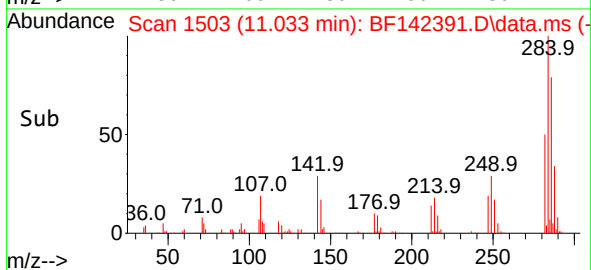
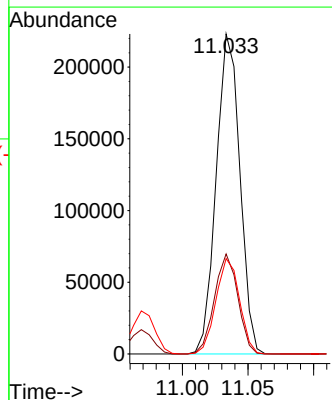
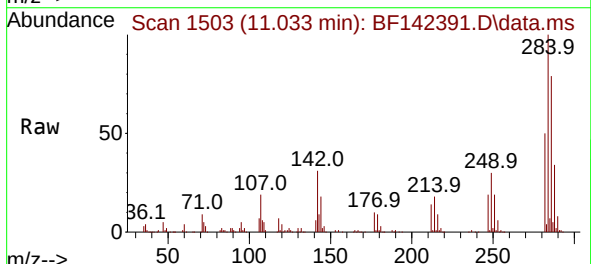
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

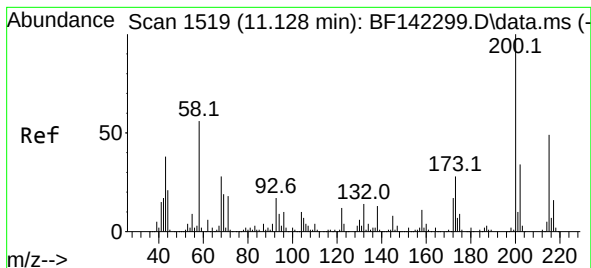
Tgt Ion:248 Resp: 249452
Ion Ratio Lower Upper
248 100
250 97.9 77.9 116.9
141 71.5 59.8 89.8



#68
Hexachlorobenzene
Concen: 40.278 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion:284 Resp: 279630
Ion Ratio Lower Upper
284 100
142 31.2 26.6 39.8
249 29.8 24.1 36.1





#69

Atrazine

Concen: 41.840 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

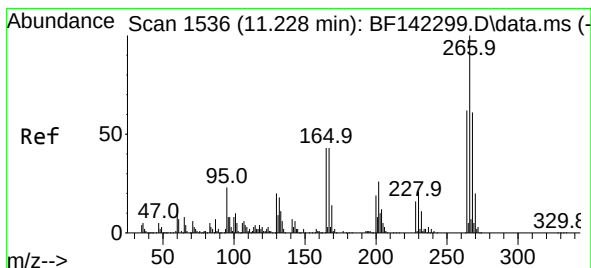
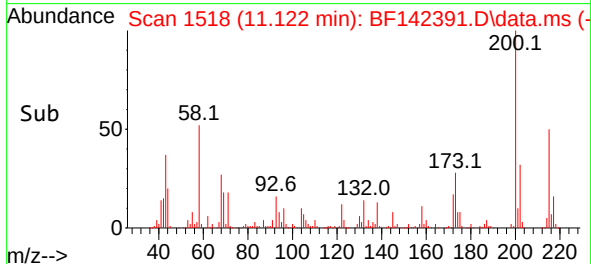
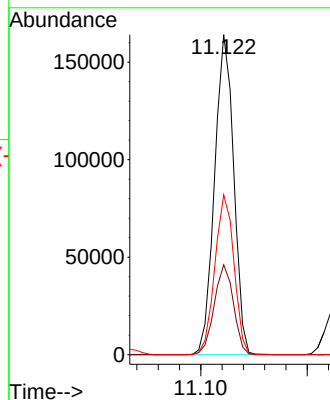
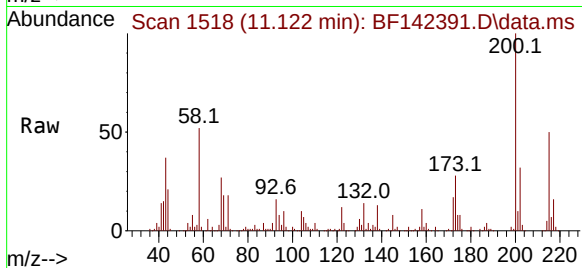
Tgt Ion:200 Resp: 204381

Ion Ratio Lower Upper

200 100

173 28.1 8.1 48.1

215 49.9 28.8 68.8



#70

Pentachlorophenol

Concen: 48.843 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

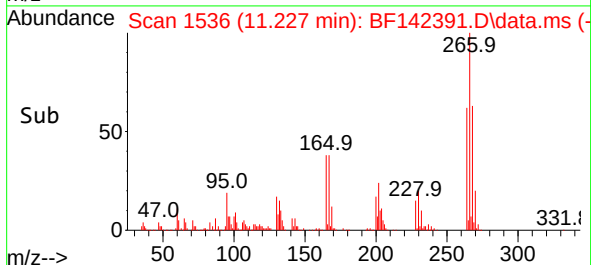
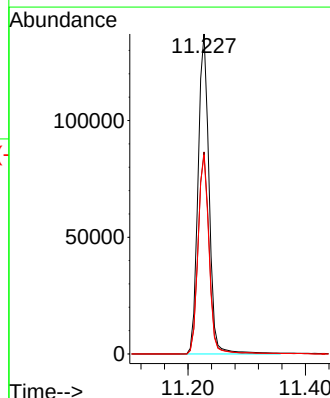
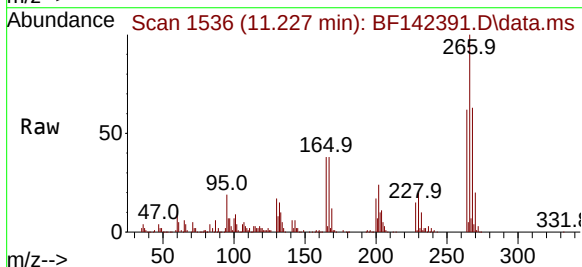
Tgt Ion:266 Resp: 178385

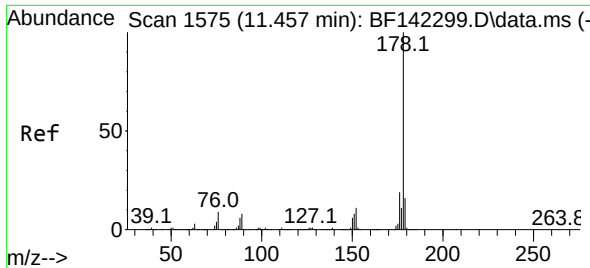
Ion Ratio Lower Upper

266 100

268 63.1 48.7 73.1

264 62.3 49.8 74.6

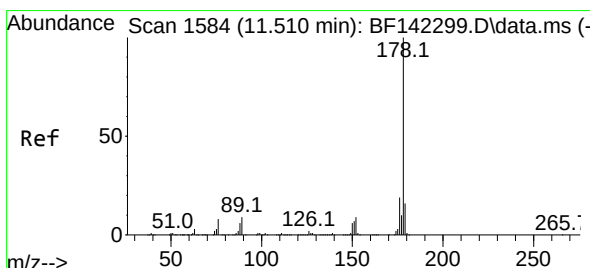
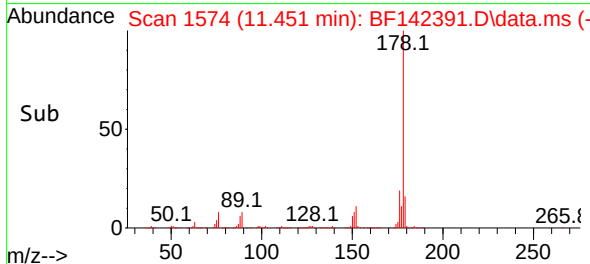
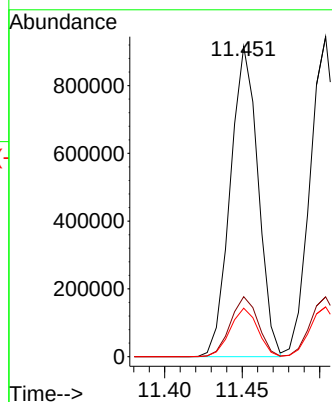
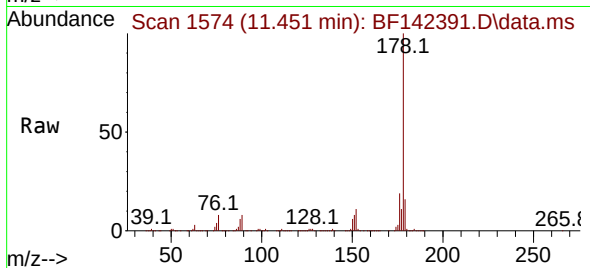




#71
Phenanthrene
Concen: 39.081 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

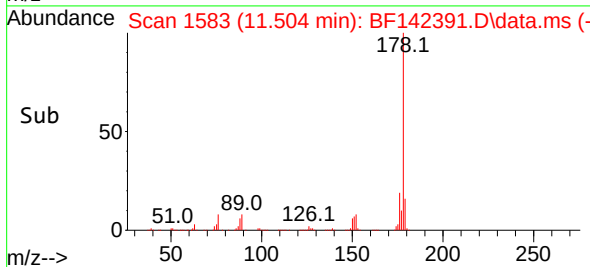
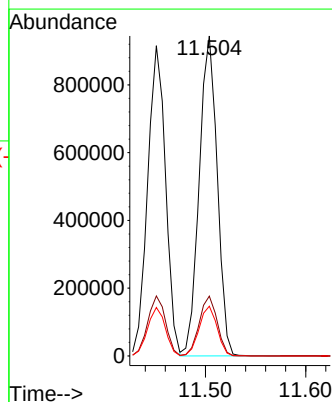
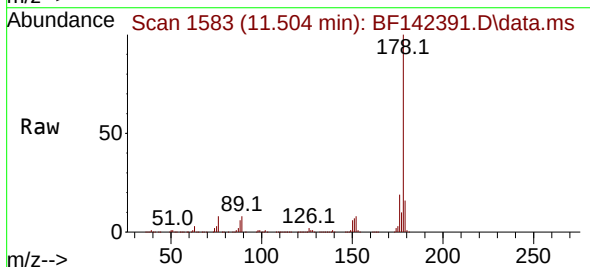
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

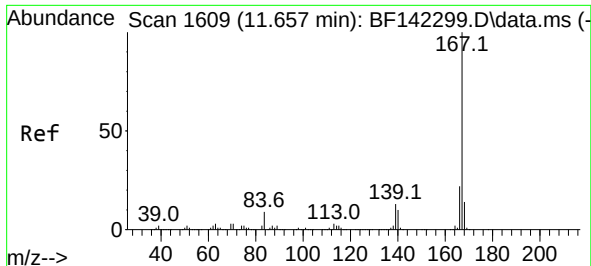
Tgt Ion:178 Resp: 1140799
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.6 12.6 18.8



#72
Anthracene
Concen: 39.429 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion:178 Resp: 1182631
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.6 12.6 18.8

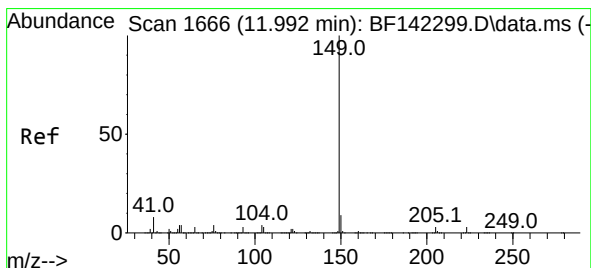
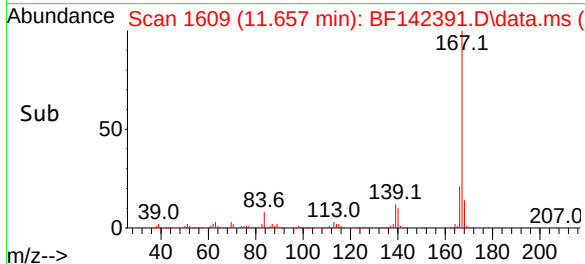
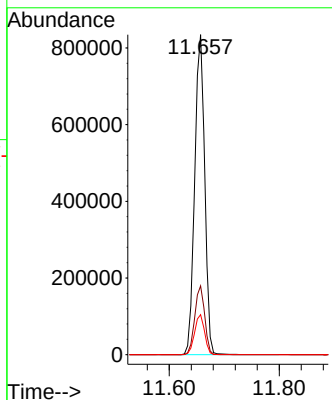
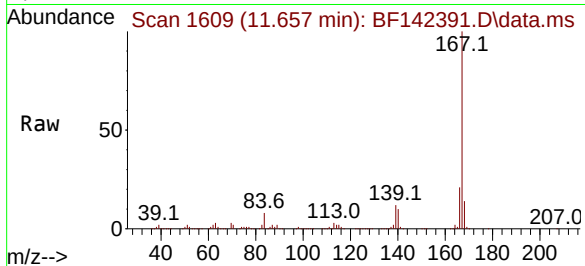




#73
 Carbazole
 Concen: 39.219 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF142391.D
 Acq: 15 May 2025 13:58

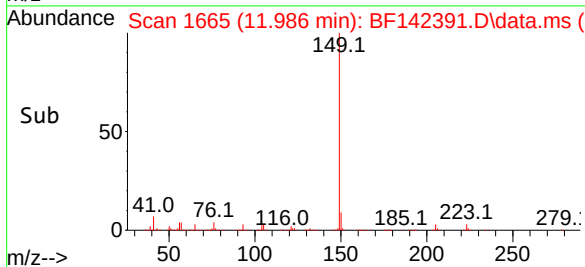
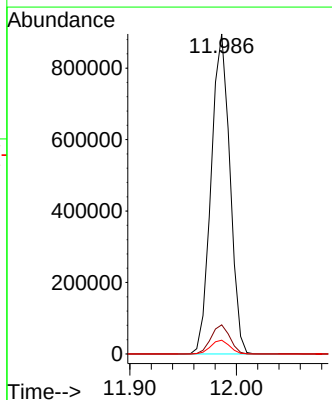
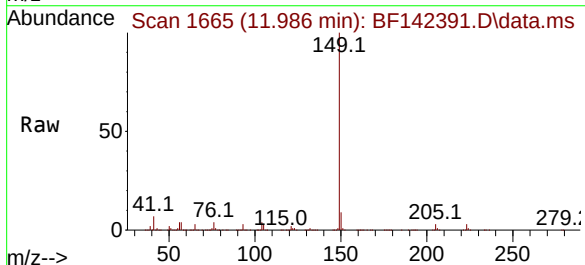
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

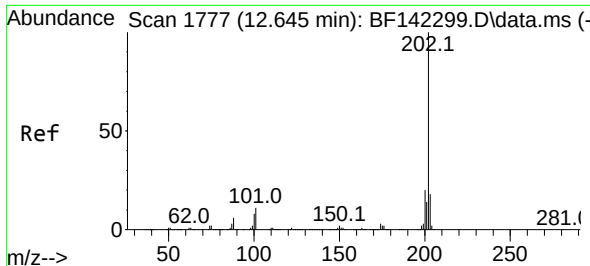
Tgt Ion:167 Resp: 1055338
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.5 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 38.669 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142391.D
 Acq: 15 May 2025 13:58

Tgt Ion:149 Resp: 1094163
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.3 3.6 5.4

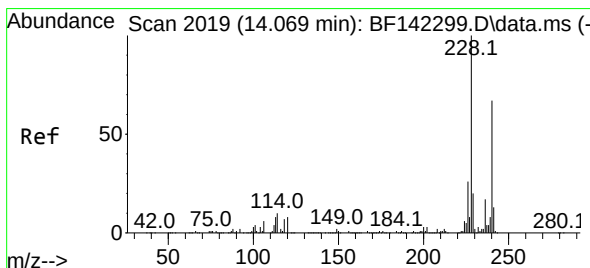
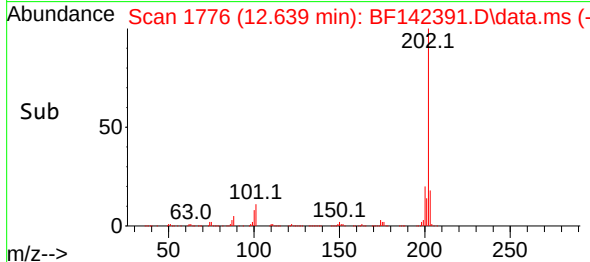
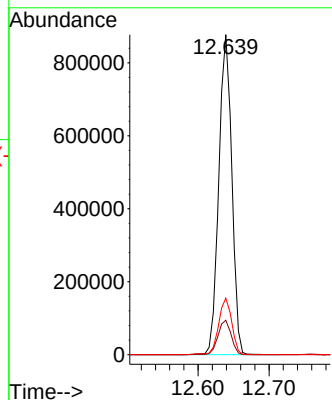
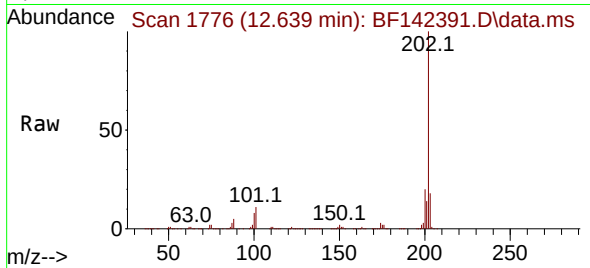




#75
Fluoranthene
Concen: 38.003 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

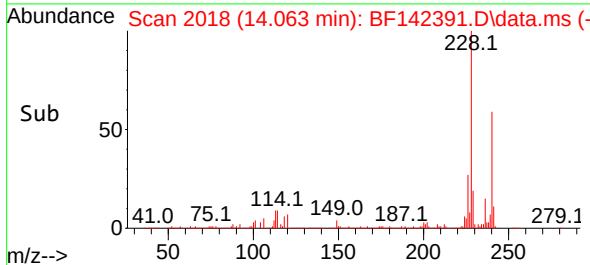
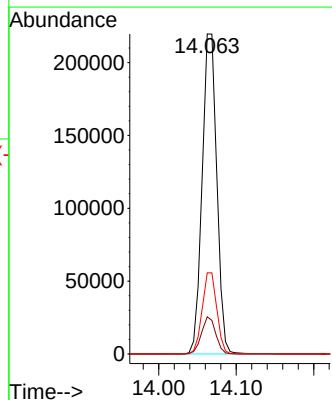
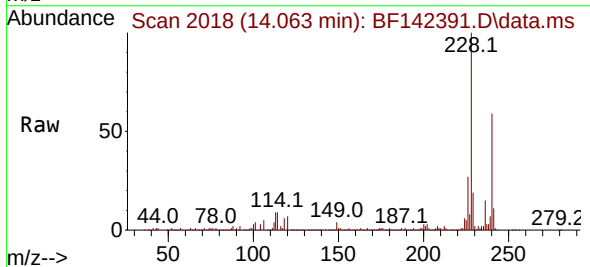
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

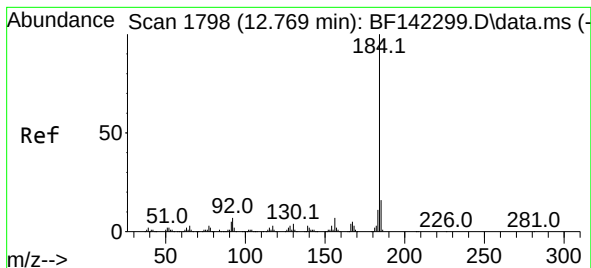
Tgt Ion:202 Resp: 1108935
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.4
203 17.7 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion:240 Resp: 288492
Ion Ratio Lower Upper
240 100
120 11.6 9.7 14.5
236 25.4 20.0 30.0





#77

Benzidine

Concen: 65.586 ng

RT: 12.757 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

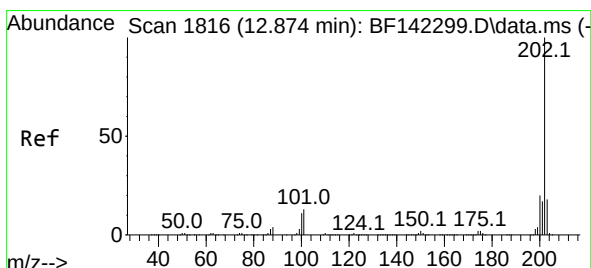
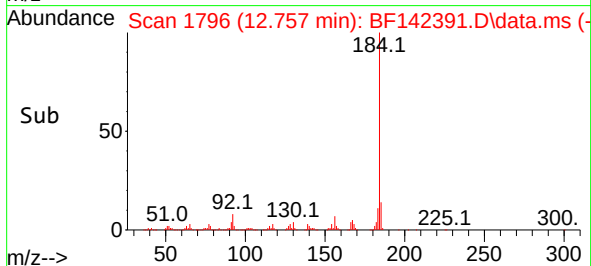
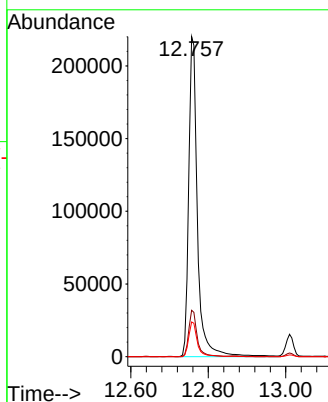
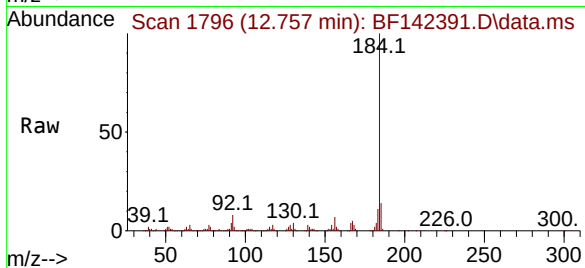
Tgt Ion:184 Resp: 343850

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

183 10.8 8.6 12.8



#78

Pyrene

Concen: 42.462 ng

RT: 12.869 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

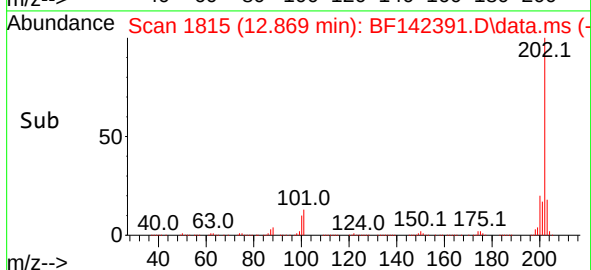
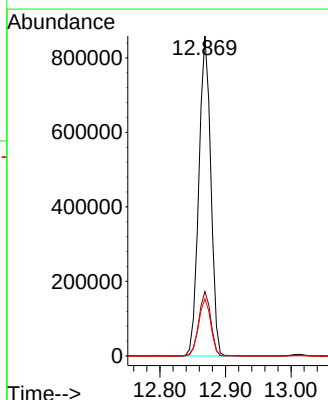
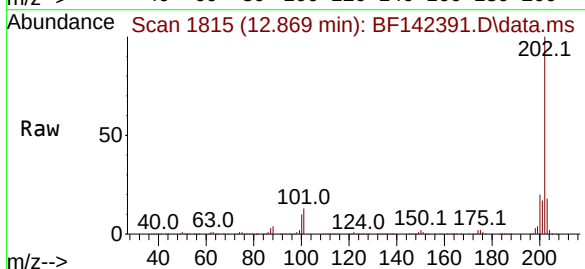
Tgt Ion:202 Resp: 1090362

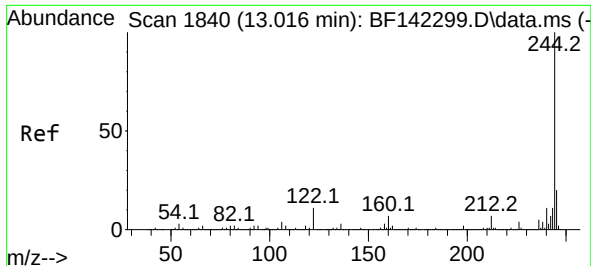
Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.4

203 17.9 14.3 21.5

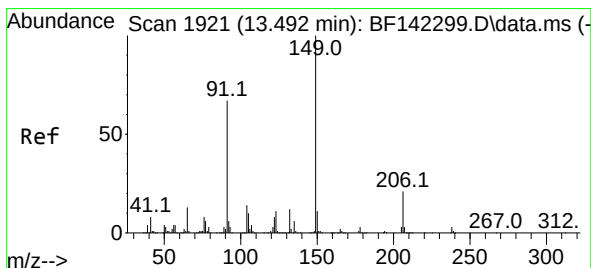
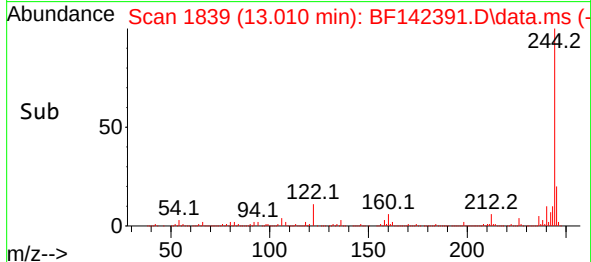
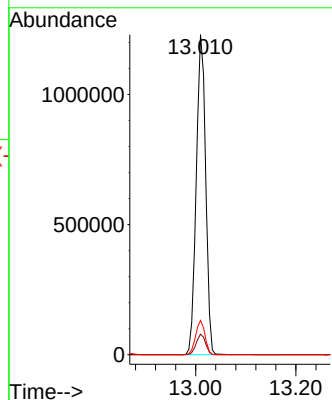
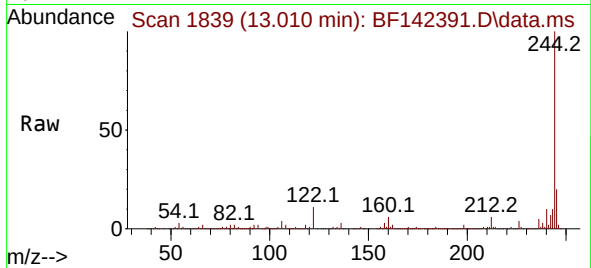




#79
 Terphenyl-d14
 Concen: 81.878 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142391.D
 Acq: 15 May 2025 13:58

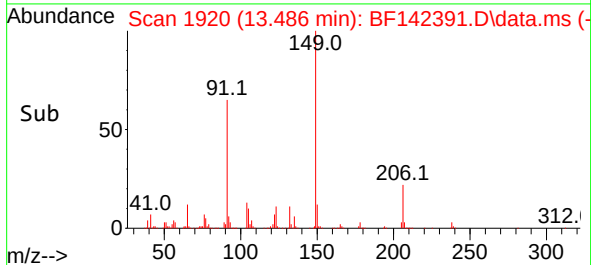
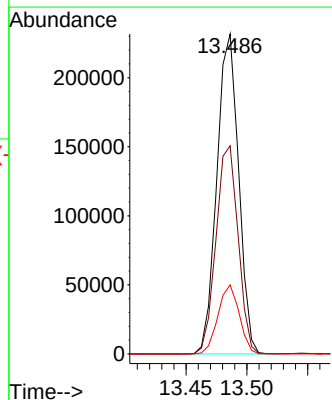
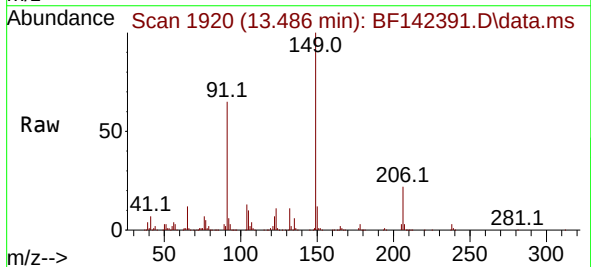
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

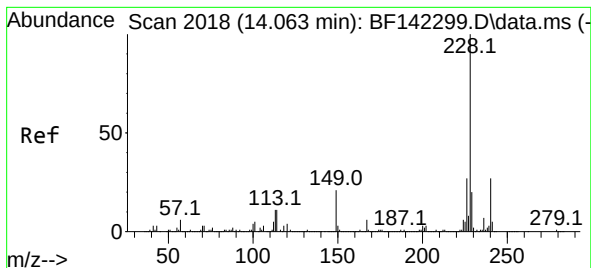
Tgt Ion:244 Resp: 1595908
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.2
 122 10.7 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 39.201 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142391.D
 Acq: 15 May 2025 13:58

Tgt Ion:149 Resp: 288328
 Ion Ratio Lower Upper
 149 100
 91 65.1 53.8 80.6
 206 21.6 16.6 24.8





#81

Benzo(a)anthracene

Concen: 41.220 ng

RT: 14.057 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

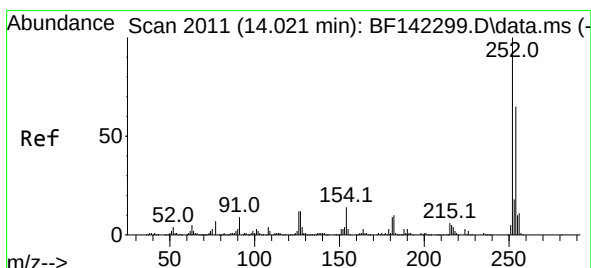
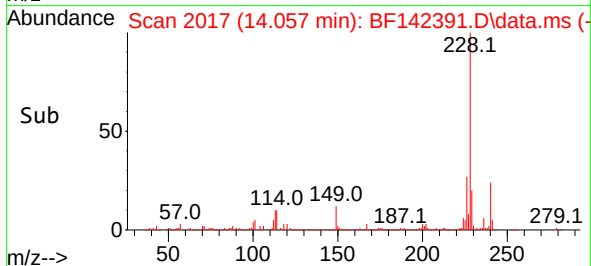
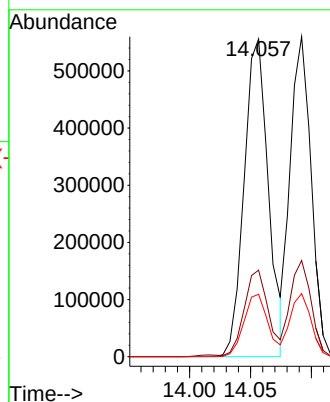
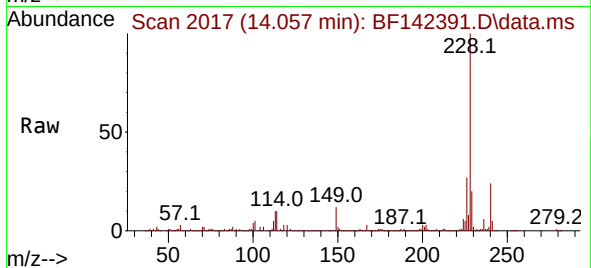
Tgt Ion:228 Resp: 770111

Ion Ratio Lower Upper

228 100

226 27.2 21.5 32.3

229 19.7 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 55.468 ng

RT: 14.015 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

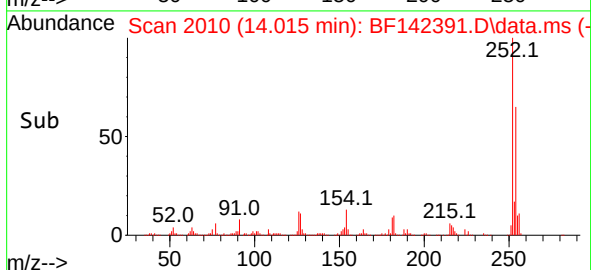
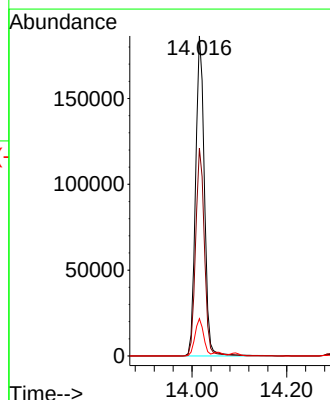
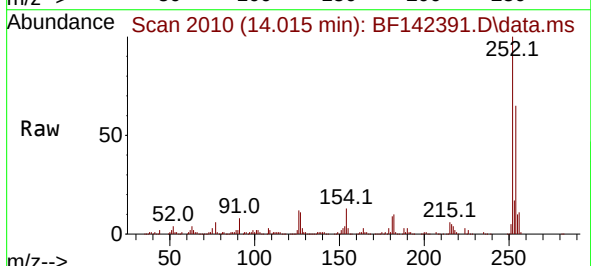
Tgt Ion:252 Resp: 240994

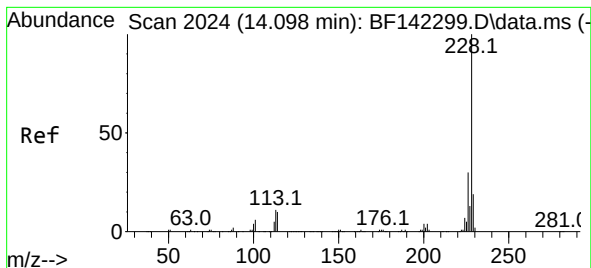
Ion Ratio Lower Upper

252 100

254 64.9 52.0 78.0

126 11.7 9.7 14.5





#83

Chrysene

Concen: 38.515 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

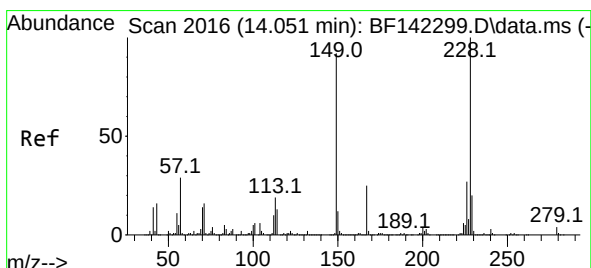
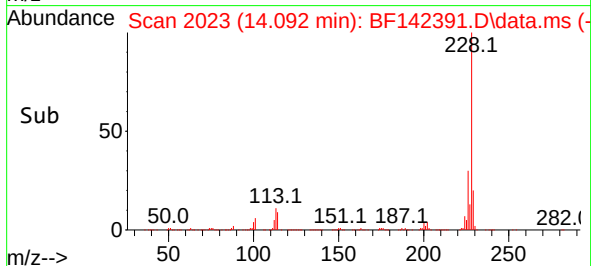
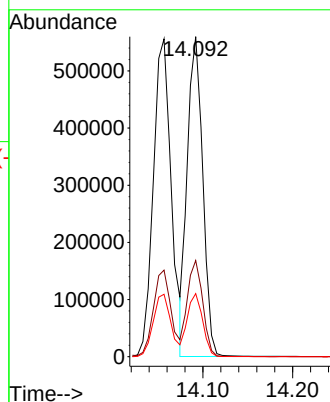
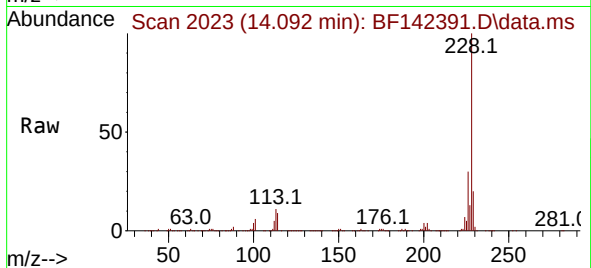
Tgt Ion:228 Resp: 669868

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

229 19.7 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.167 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

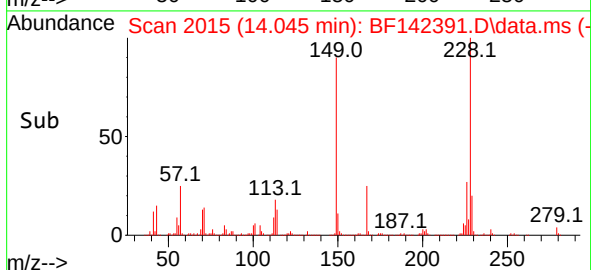
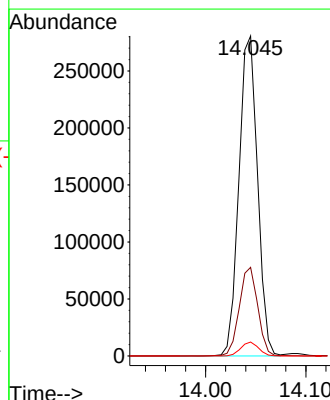
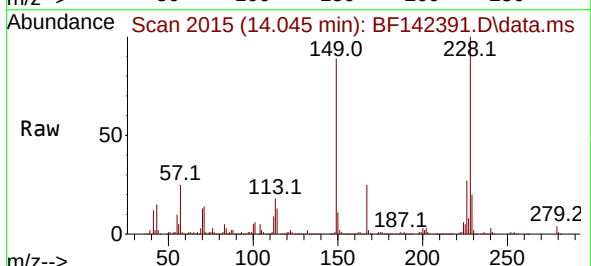
Tgt Ion:149 Resp: 363177

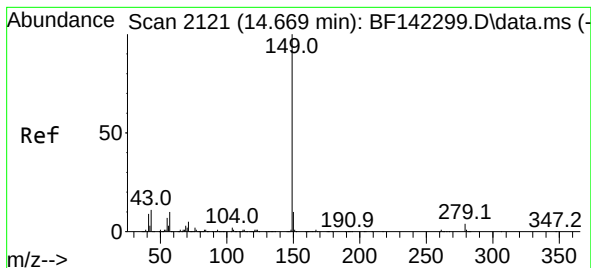
Ion Ratio Lower Upper

149 100

167 27.7 22.0 33.0

279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 42.259 ng

RT: 14.657 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

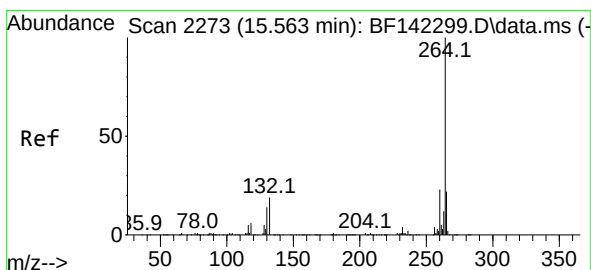
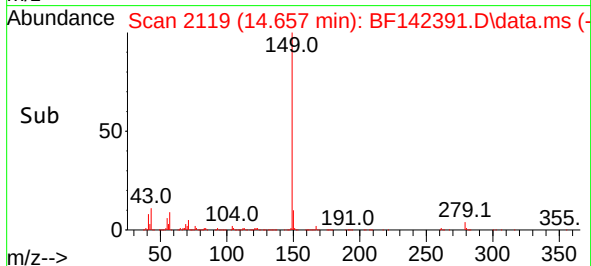
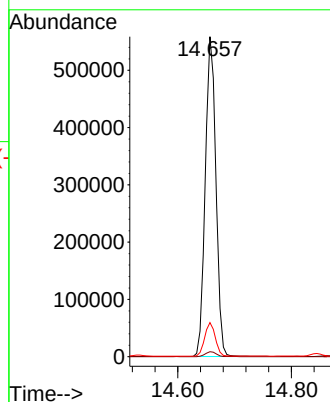
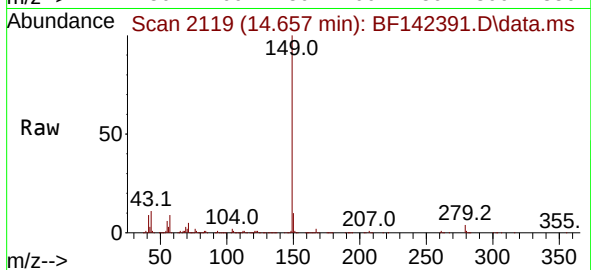
Tgt Ion:149 Resp: 723835

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 10.5 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

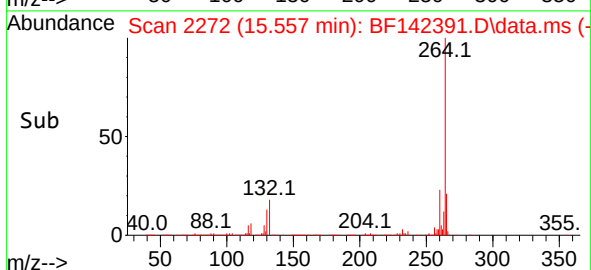
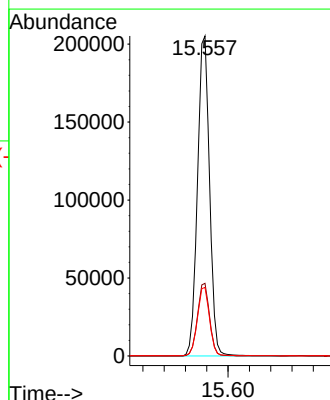
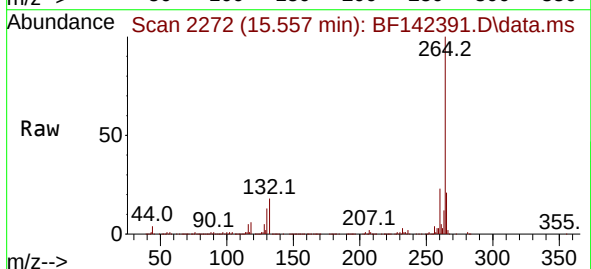
Tgt Ion:264 Resp: 322668

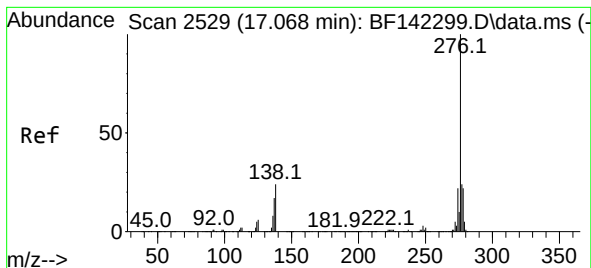
Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

265 21.4 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.664 ng

RT: 17.062 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

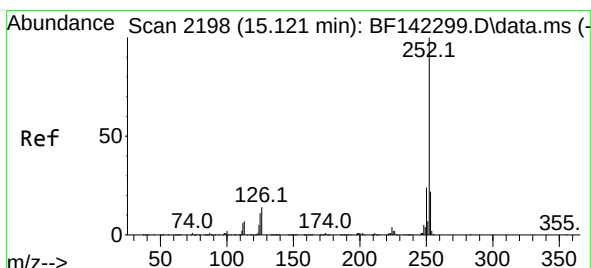
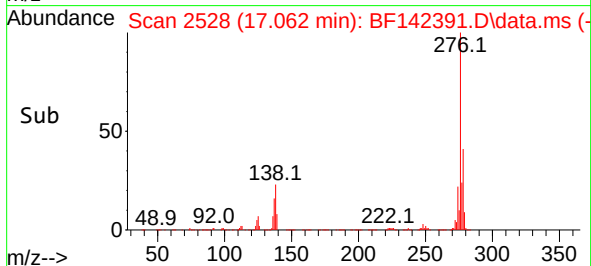
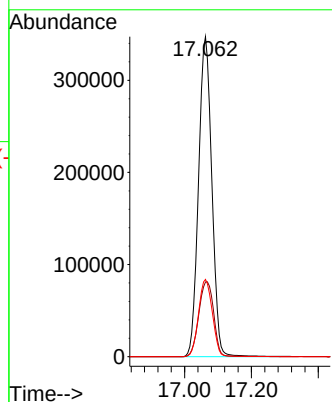
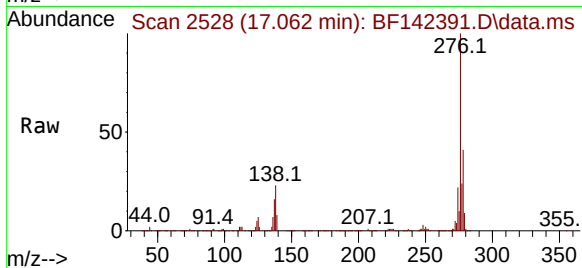
Tgt Ion:276 Resp: 957618

Ion Ratio Lower Upper

276 100

138 26.2 22.0 33.0

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 40.740 ng

RT: 15.115 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF142391.D

Acq: 15 May 2025 13:58

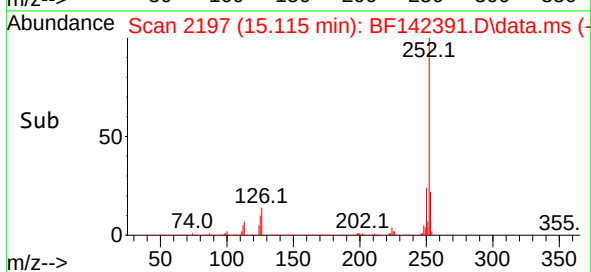
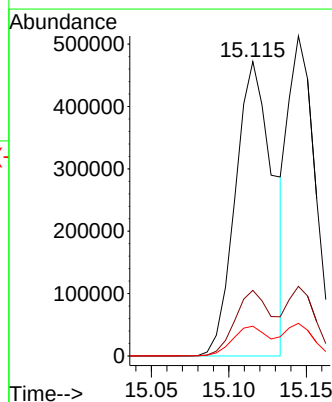
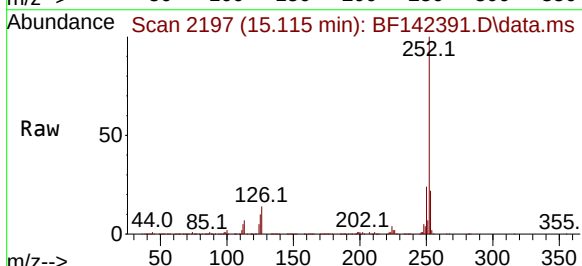
Tgt Ion:252 Resp: 796168

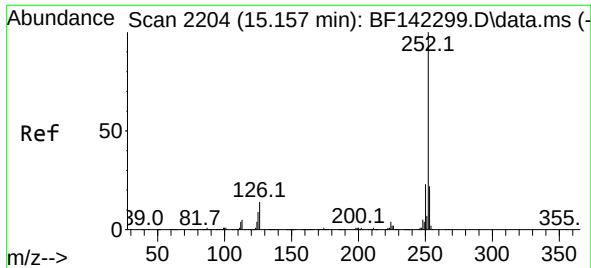
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.1 8.7 13.1

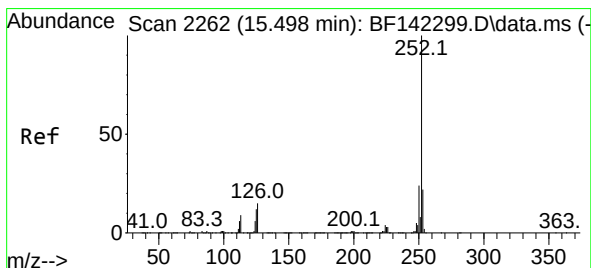
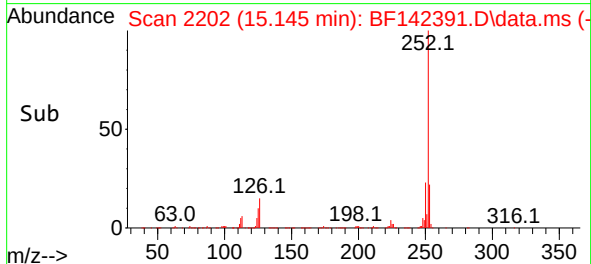
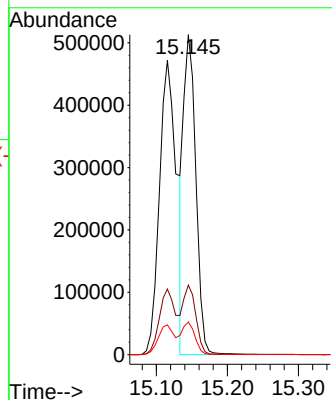
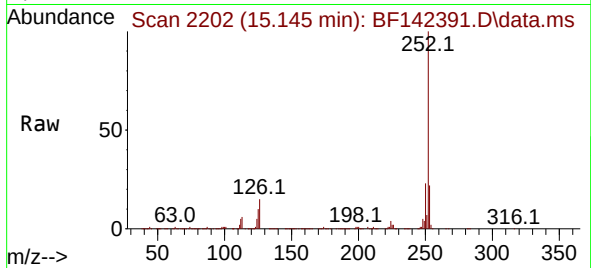




#89
Benzo(k)fluoranthene
Concen: 34.589 ng
RT: 15.145 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

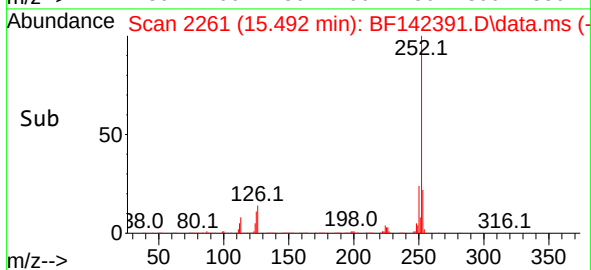
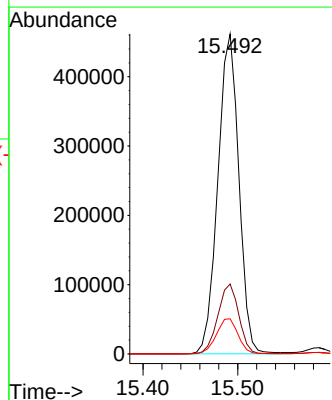
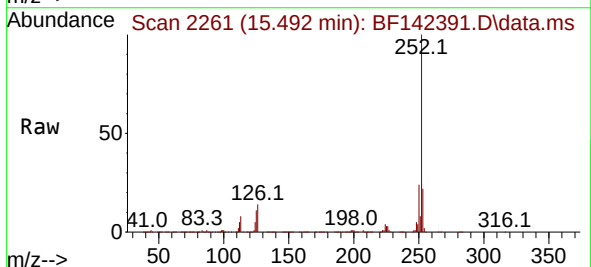
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

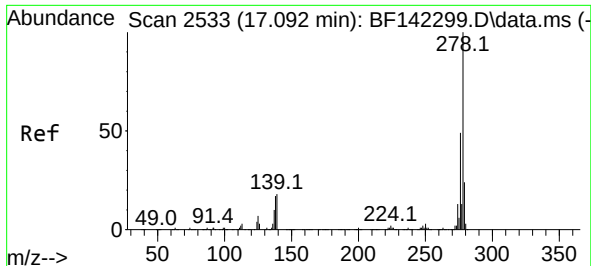
Tgt Ion:252 Resp: 618596
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 10.2 8.1 12.1



#90
Benzo(a)pyrene
Concen: 40.599 ng
RT: 15.492 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion:252 Resp: 710974
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 11.0 9.4 14.0

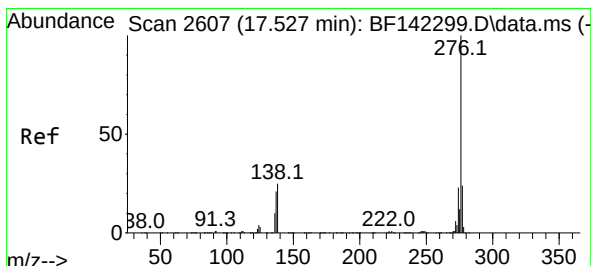
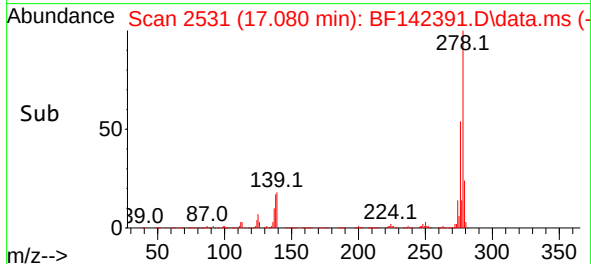
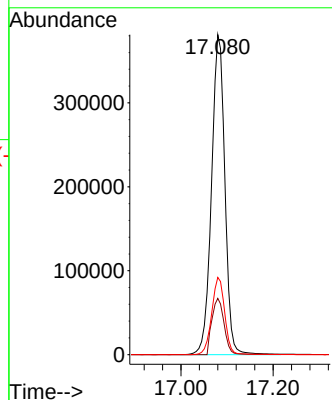
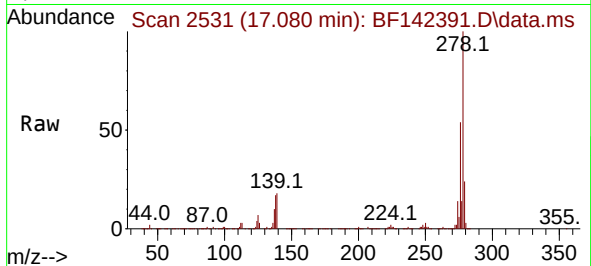




#91
Dibenzo(a,h)anthracene
Concen: 41.520 ng
RT: 17.080 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 769936
Ion Ratio Lower Upper
278 100
139 17.6 14.5 21.7
279 24.1 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 41.653 ng
RT: 17.515 min Scan# 2605
Delta R.T. -0.012 min
Lab File: BF142391.D
Acq: 15 May 2025 13:58

Tgt Ion:276 Resp: 766601
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 22.8 19.8 29.6

