

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142899.D
 Acq On : 27 Jun 2025 18:10
 Operator : RC/JU
 Sample : Q2414-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Quant Time: Jun 27 18:30:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	60091	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	211234	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	98623	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	160630	20.000	ng	0.00
76) Chrysene-d12	14.057	240	151643	20.000	ng	0.00
86) Perylene-d12	15.545	264	109991	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	400809	111.051	ng	0.02
7) Phenol-d6	6.510	99	424522	99.695	ng	0.00
23) Nitrobenzene-d5	7.439	82	298026	77.388	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	126343	124.488	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	605035	80.592	ng	0.00
79) Terphenyl-d14	12.992	244	643612	58.643	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	48935	33.898	ng	# 83
3) Pyridine	3.516	79	121882	33.678	ng	98
4) n-Nitrosodimethylamine	3.451	42	72406	38.689	ng	99
6) Aniline	6.539	93	52086	9.193	ng	# 58
8) 2-Chlorophenol	6.663	128	151604	38.939	ng	98
9) Benzaldehyde	6.428	77	41178	16.300	ng	99
10) Phenol	6.528	94	149374	31.558	ng	100
11) bis(2-Chloroethyl)ether	6.610	93	133809	39.554	ng	99
12) 1,3-Dichlorobenzene	6.822	146	157854	36.253	ng	99
13) 1,4-Dichlorobenzene	6.898	146	158096	35.987	ng	99
14) 1,2-Dichlorobenzene	7.045	146	150845	36.202	ng	99
15) Benzyl Alcohol	7.022	79	121178	39.364	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	202536	37.264	ng	93
17) 2-Methylphenol	7.134	107	110513	37.457	ng	98
18) Hexachloroethane	7.386	117	54591	35.528	ng	99
19) n-Nitroso-di-n-propyla...	7.286	70	98431	39.745	ng	98
20) 3+4-Methylphenols	7.286	107	139987	38.054	ng	# 85
22) Acetophenone	7.286	105	201658	43.292	ng	99
24) Nitrobenzene	7.463	77	141908	40.713	ng	97
25) Isophorone	7.698	82	256297	41.487	ng	99
26) 2-Nitrophenol	7.781	139	79796	42.026	ng	97
27) 2,4-Dimethylphenol	7.816	122	125342	38.110	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	163830	41.714	ng	99
29) 2,4-Dichlorophenol	8.022	162	121334	40.687	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	129318	39.436	ng	99
31) Naphthalene	8.181	128	415784	40.213	ng	99
32) Benzoic acid	7.916	122	47782	28.504	ng	93
33) 4-Chloroaniline	8.233	127	34646	8.241	ng	98
34) Hexachlorobutadiene	8.298	225	79639	39.704	ng	98
35) Caprolactam	8.592	113	28835	36.643	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	113802	38.398	ng	100
37) 2-Methylnaphthalene	8.875	142	251257	39.197	ng	99
38) 1-Methylnaphthalene	8.975	142	261645	39.430	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	128346	44.105	ng	99
41) Hexachlorocyclopentadiene	9.028	237	77305	46.812	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	80920	42.674	ng	99

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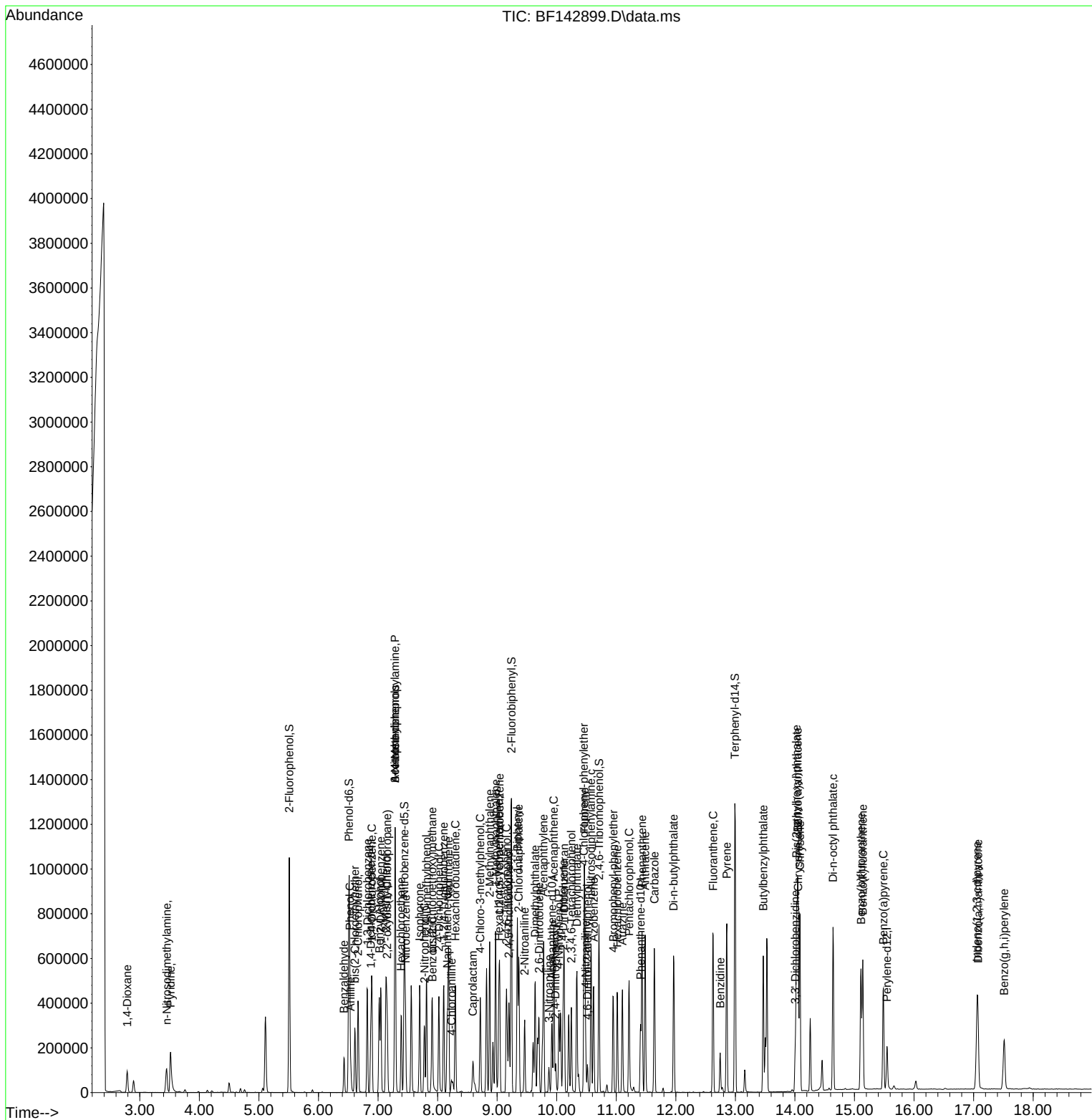
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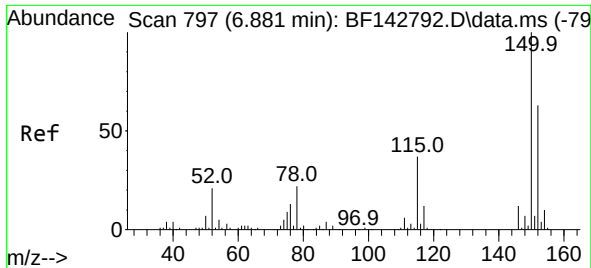
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	86666	43.417	ng	99
46) 1,1'-Biphenyl	9.339	154	346480	44.474	ng	100
47) 2-Chloronaphthalene	9.363	162	250395	42.829	ng	99
48) 2-Nitroaniline	9.463	65	71695	43.742	ng	97
49) Acenaphthylene	9.780	152	407656	42.357	ng	99
50) Dimethylphthalate	9.639	163	304232	47.656	ng	100
51) 2,6-Dinitrotoluene	9.704	165	63137	45.035	ng	96
52) Acenaphthene	9.951	154	251353	42.805	ng	99
53) 3-Nitroaniline	9.869	138	26081	16.897	ng	98
54) 2,4-Dinitrophenol	9.980	184	28477	40.566	ng	99
55) Dibenzofuran	10.127	168	360534	42.817	ng	99
56) 4-Nitrophenol	10.039	139	85969	81.353	ng	98
57) 2,4-Dinitrotoluene	10.110	165	84398	45.321	ng	98
58) Fluorene	10.469	166	283262	43.074	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	68028	42.280	ng	96
60) Diethylphthalate	10.339	149	295388	47.192	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	135704	43.245	ng	98
62) 4-Nitroaniline	10.486	138	56912	40.314	ng	97
63) Azobenzene	10.622	77	237867	42.519	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	23768	24.463	ng	94
66) n-Nitrosodiphenylamine	10.575	169	244145	43.855	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	80295	43.922	ng	100
68) Hexachlorobenzene	11.016	284	87194	42.924	ng	97
69) Atrazine	11.104	200	76236	53.031	ng	99
70) Pentachlorophenol	11.216	266	89652	88.570	ng	99
71) Phenanthrene	11.433	178	386655	44.436	ng	99
72) Anthracene	11.486	178	392598	43.994	ng	100
73) Carbazole	11.639	167	370716	48.138	ng	100
74) Di-n-butylphthalate	11.963	149	455760	56.810	ng	100
75) Fluoranthene	12.627	202	438210	53.065	ng	99
77) Benzidine	12.745	184	102735	18.032	ng	99
78) Pyrene	12.857	202	453287	31.890	ng	99
80) Butylbenzylphthalate	13.468	149	205206	49.769	ng	98
81) Benzo(a)anthracene	14.045	228	446392	43.636	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	51016	15.375	ng	99
83) Chrysene	14.086	228	420280	46.041	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	300659	50.682	ng	99
85) Di-n-octyl phthalate	14.639	149	512358	45.803	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	257438	30.728	ng	98
88) Benzo(b)fluoranthene	15.110	252	342049	53.743	ng	99
89) Benzo(k)fluoranthene	15.139	252	332942	55.914	ng	99
90) Benzo(a)pyrene	15.486	252	285250	46.393	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	210813	30.969	ng	98
92) Benzo(g,h,i)perylene	17.515	276	203776	30.021	ng	98

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

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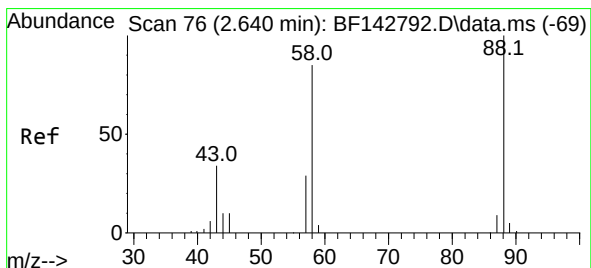
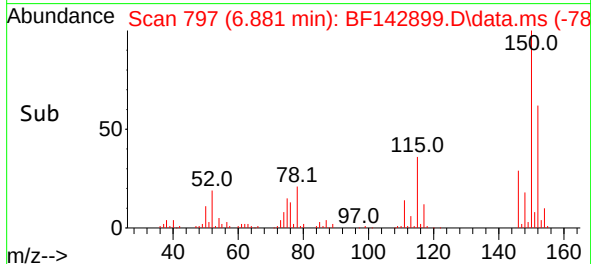
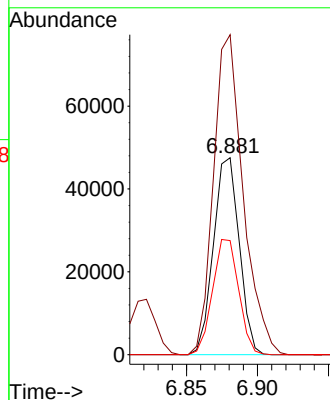
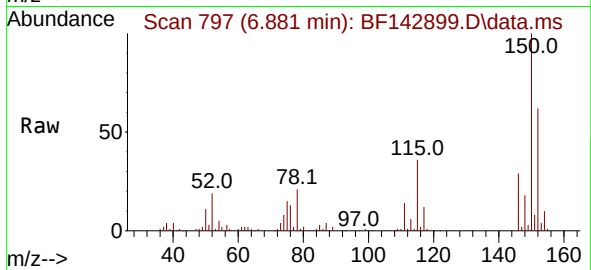




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF142899.D
 Acq: 27 Jun 2025 18:10

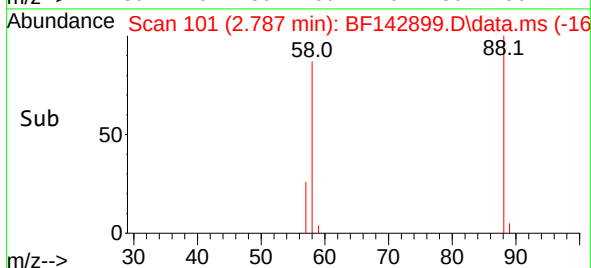
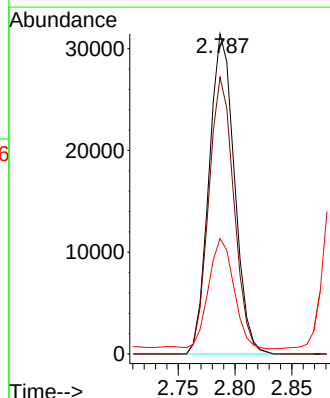
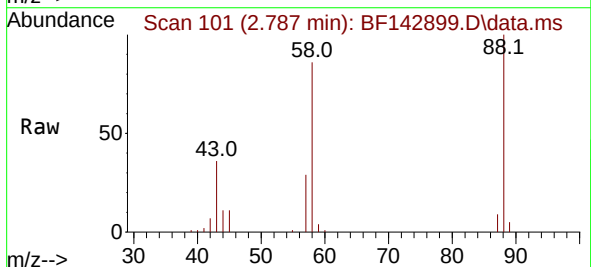
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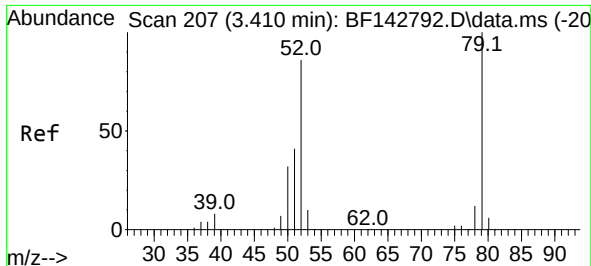
Tgt Ion:152 Resp: 60091
 Ion Ratio Lower Upper
 152 100
 150 162.5 127.2 190.8
 115 58.0 46.6 69.8



#2
 1,4-Dioxane
 Concen: 33.898 ng
 RT: 2.787 min Scan# 101
 Delta R.T. 0.147 min
 Lab File: BF142899.D
 Acq: 27 Jun 2025 18:10

Tgt Ion: 88 Resp: 48935
 Ion Ratio Lower Upper
 88 100
 58 86.2 69.1 103.7
 43 0.0 27.4 41.2#

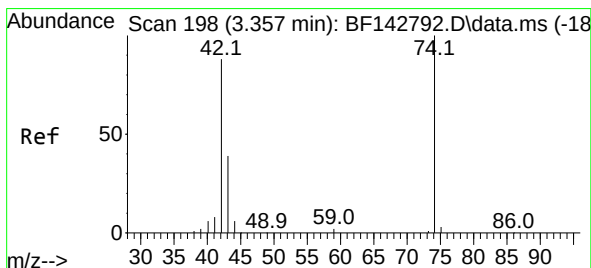
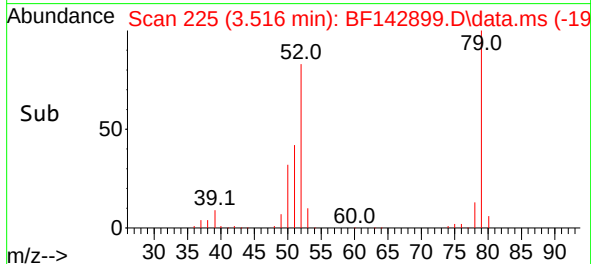
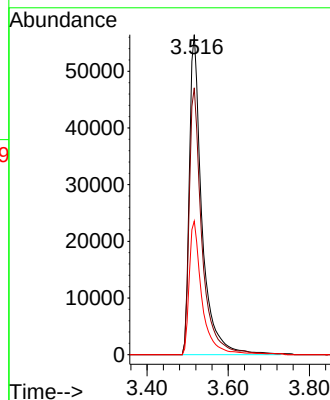
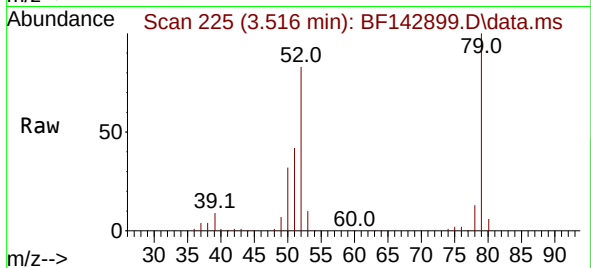




#3
Pyridine
Concen: 33.678 ng
RT: 3.516 min Scan# 214
Delta R.T. 0.106 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

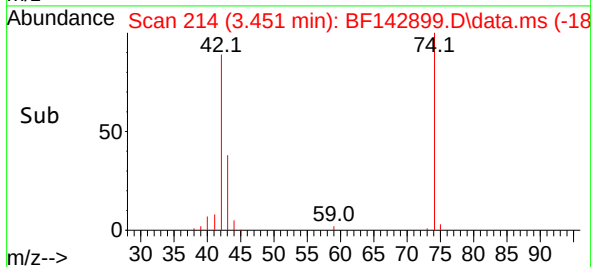
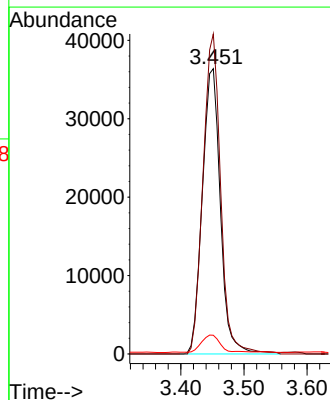
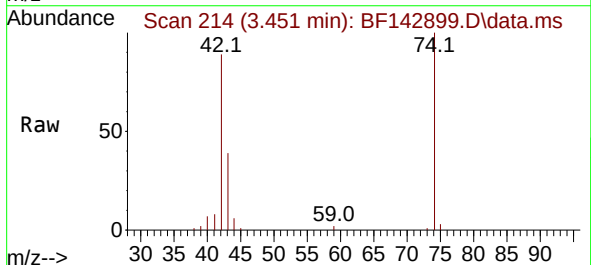
Instrument :
BNA_F
ClientSampleId :
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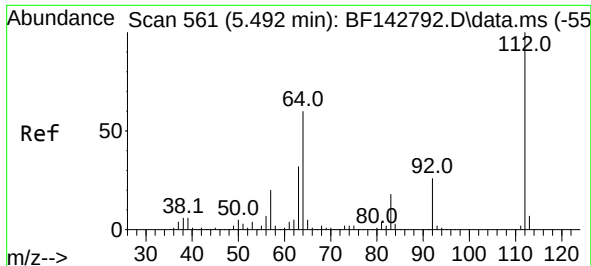
Tgt Ion: 79 Resp: 121882
Ion Ratio Lower Upper
79 100
52 83.4 69.2 103.8
51 41.7 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 38.689 ng
RT: 3.451 min Scan# 214
Delta R.T. 0.094 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion: 42 Resp: 72406
Ion Ratio Lower Upper
42 100
74 112.2 90.9 136.3
44 6.5 5.8 8.6

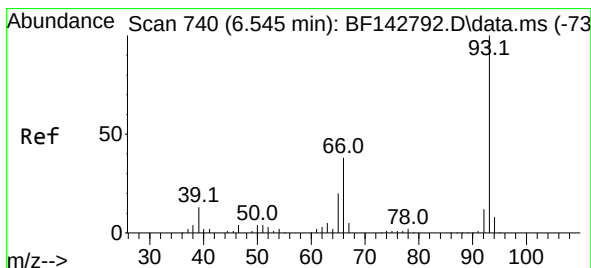
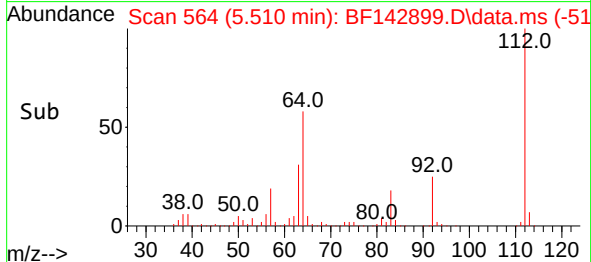
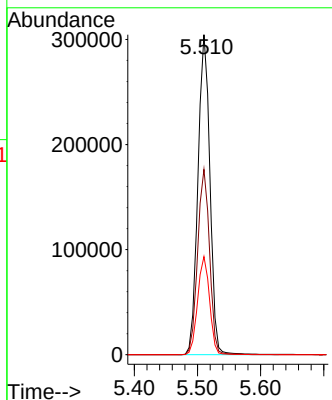
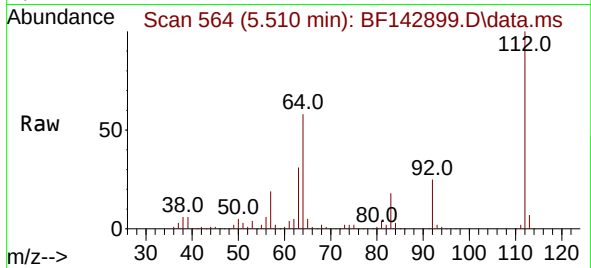




#5
2-Fluorophenol
Concen: 111.051 ng
RT: 5.510 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

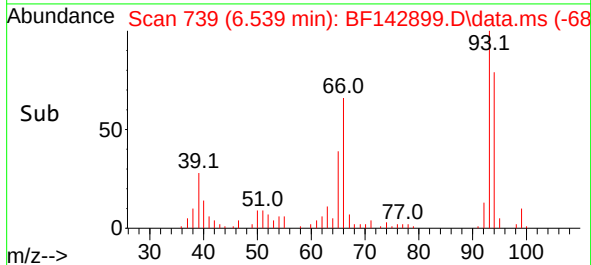
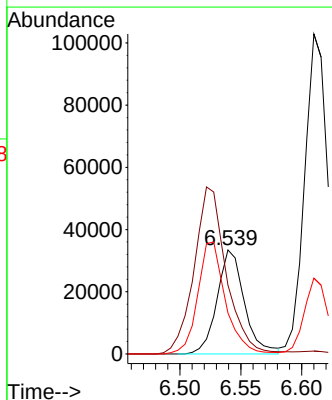
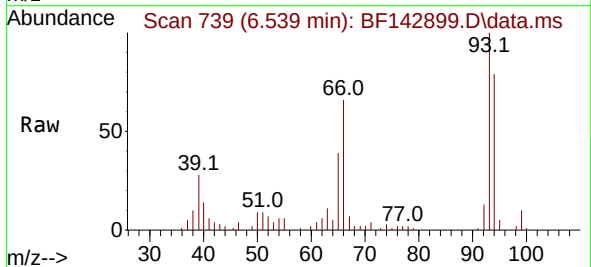
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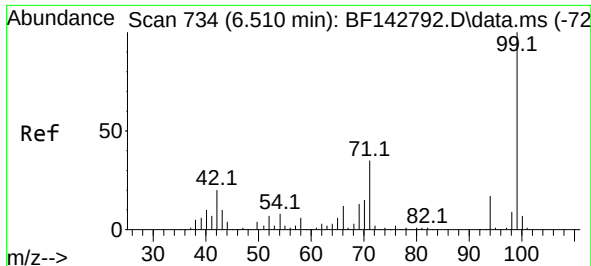
Tgt Ion:112 Resp: 400809
Ion Ratio Lower Upper
112 100
64 57.9 48.2 72.2
63 30.6 25.7 38.5



#6
Aniline
Concen: 9.193 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion: 93 Resp: 52086
Ion Ratio Lower Upper
93 100
66 66.1 31.8 47.6#
65 39.4 16.2 24.2#

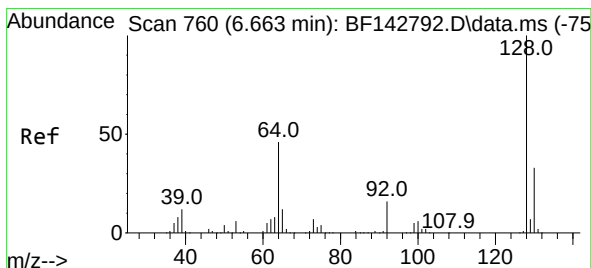
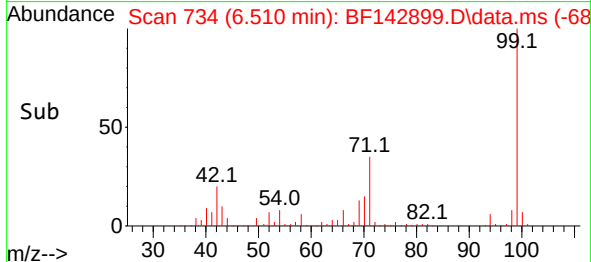
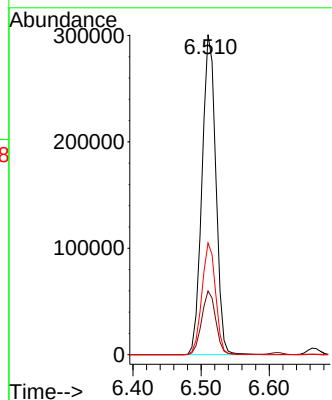
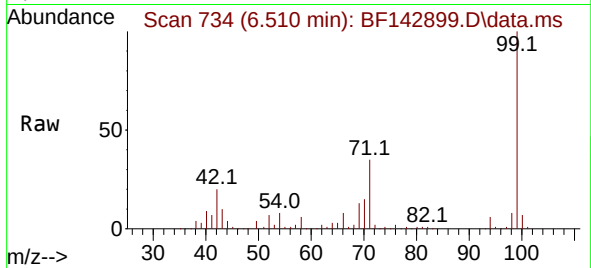




#7
Phenol-d6
Concen: 99.695 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

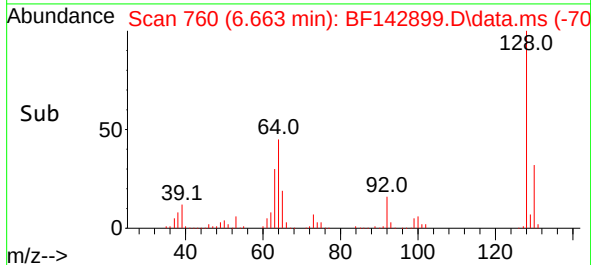
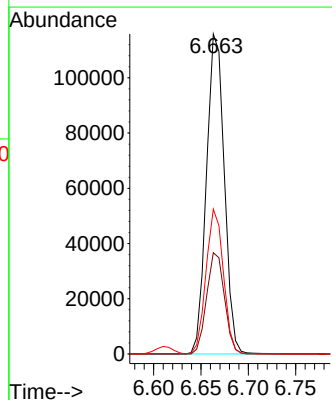
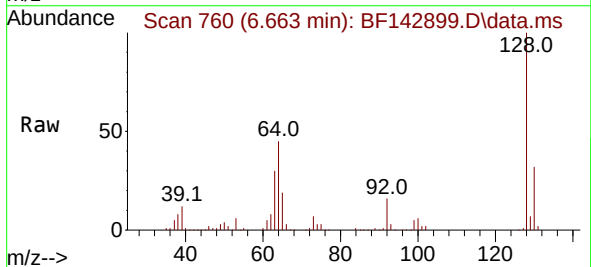
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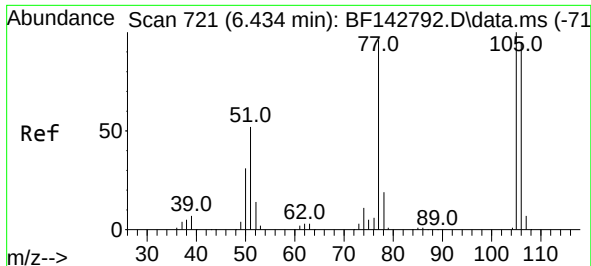
Tgt Ion: 99 Resp: 424522
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 34.9 27.8 41.8



#8
2-Chlorophenol
Concen: 38.939 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion: 128 Resp: 151604
Ion Ratio Lower Upper
128 100
130 31.7 12.7 52.7
64 45.2 26.5 66.5

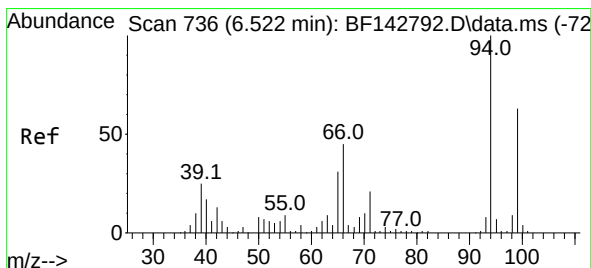
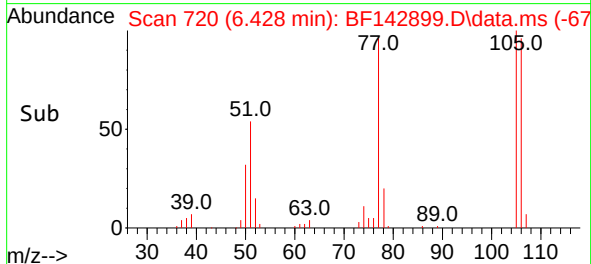
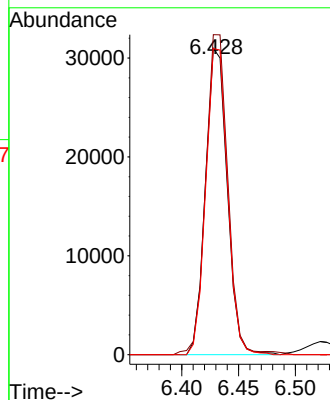
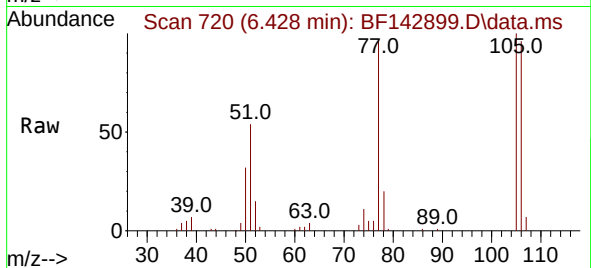




#9
Benzaldehyde
Concen: 16.300 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

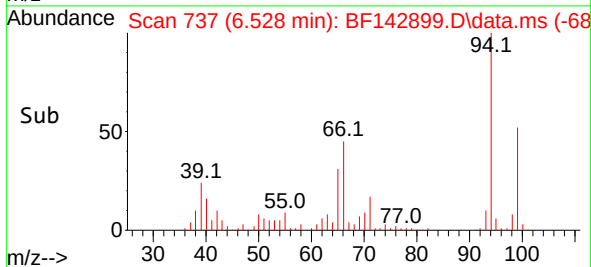
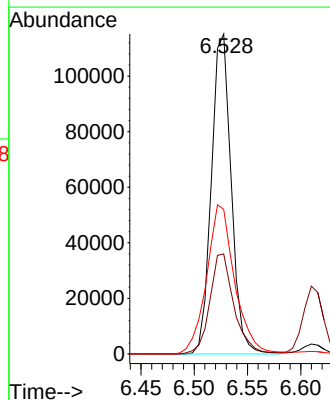
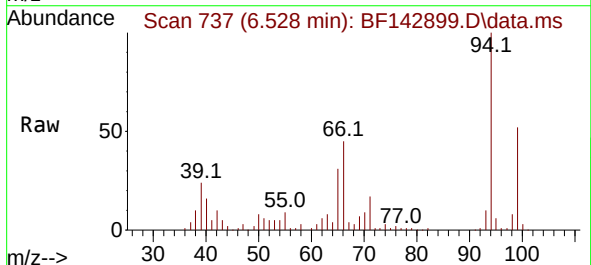
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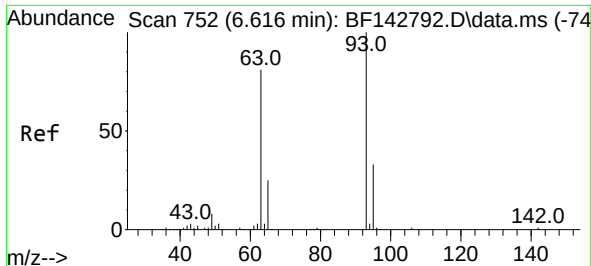
Tgt Ion: 77 Resp: 41178
Ion Ratio Lower Upper
77 100
105 104.4 83.8 123.8
106 99.9 78.7 118.7



#10
Phenol
Concen: 31.558 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142899.D
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Tgt Ion: 94 Resp: 149374
Ion Ratio Lower Upper
94 100
65 31.3 11.3 51.3
66 45.2 24.9 64.9

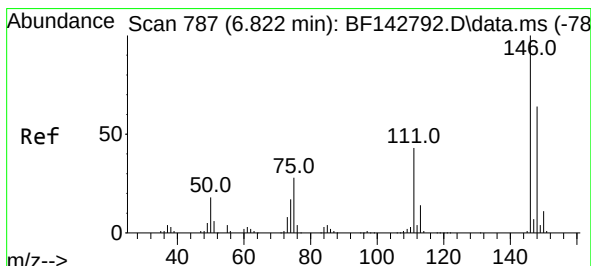
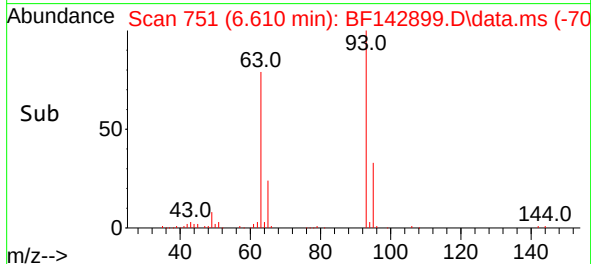
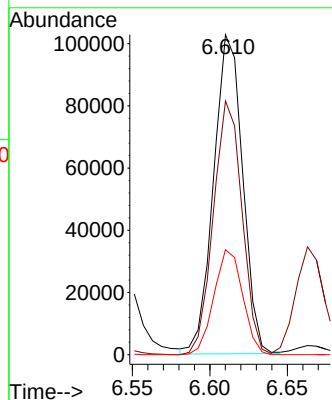
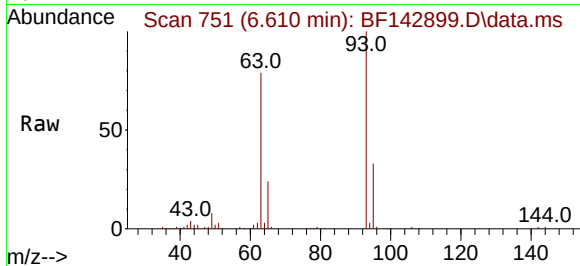




#11
bis(2-Chloroethyl)ether
Concen: 39.554 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

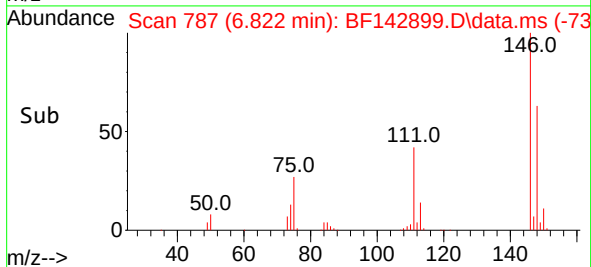
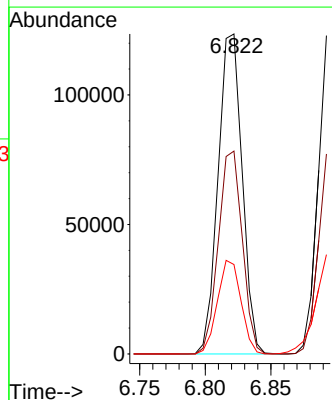
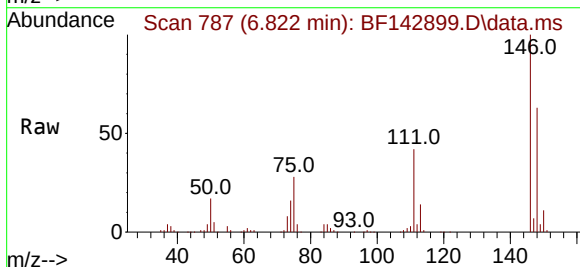
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

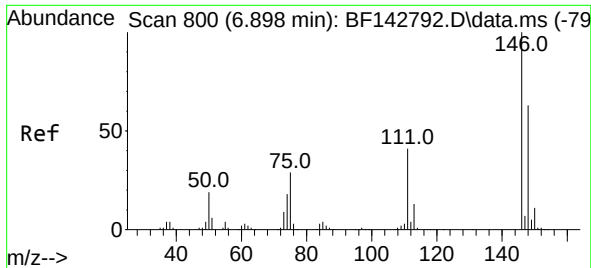
Tgt Ion: 93 Resp: 133809
Ion Ratio Lower Upper
93 100
63 79.3 60.3 100.3
95 32.8 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 36.253 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:146 Resp: 157854
Ion Ratio Lower Upper
146 100
148 63.4 51.1 76.7
75 27.9 22.7 34.1

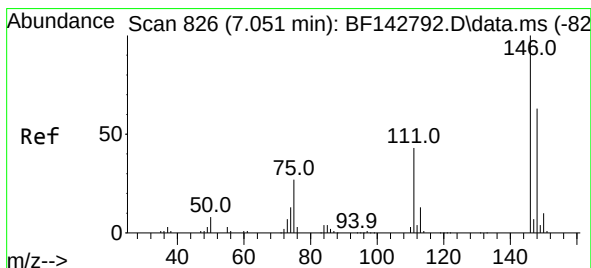
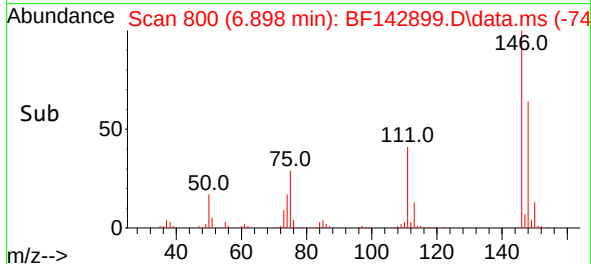
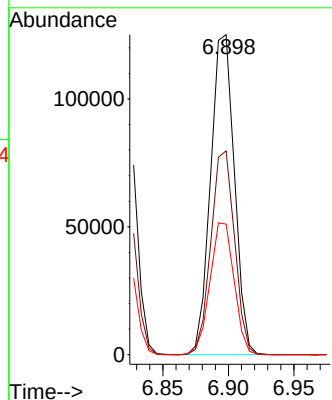
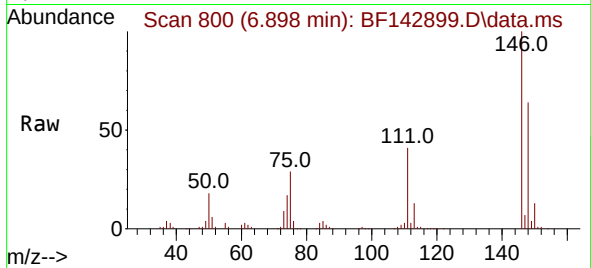




#13
1,4-Dichlorobenzene
Concen: 35.987 ng
RT: 6.898 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

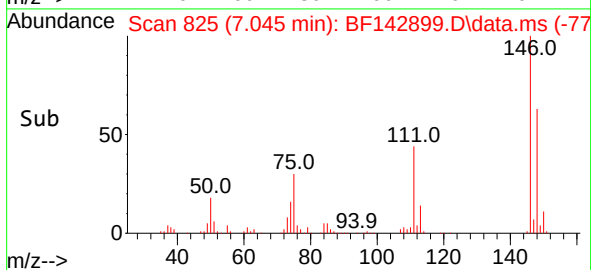
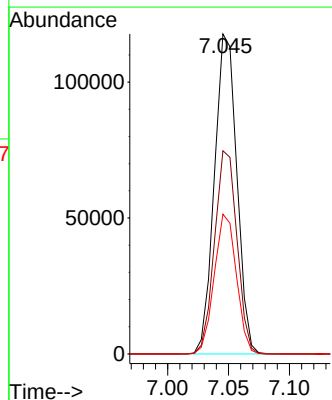
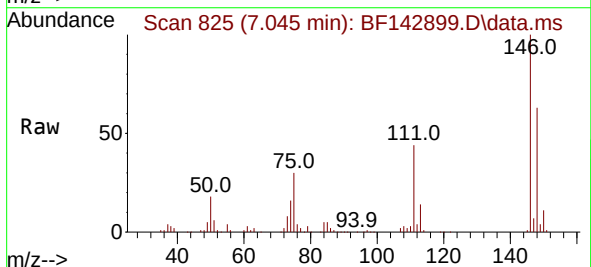
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

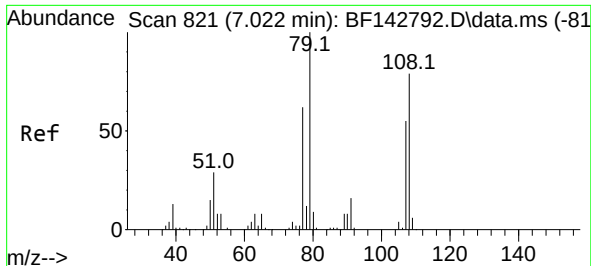
Tgt Ion:146 Resp: 158096
Ion Ratio Lower Upper
146 100
148 63.7 50.2 75.2
111 40.8 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 36.202 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:146 Resp: 150845
Ion Ratio Lower Upper
146 100
148 63.5 50.4 75.6
111 43.7 34.1 51.1

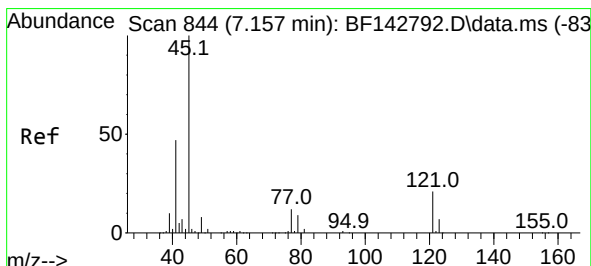
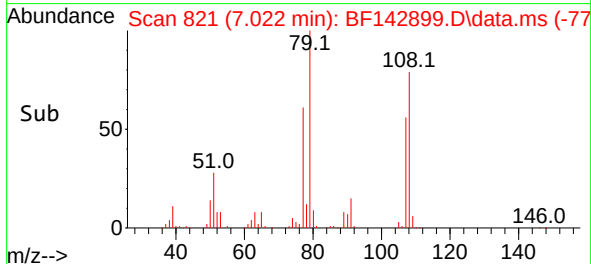
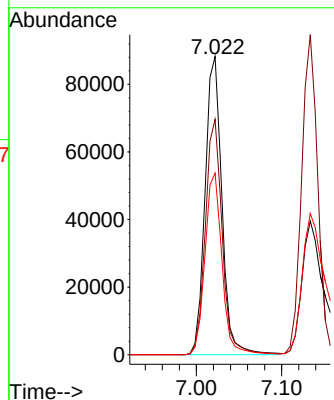
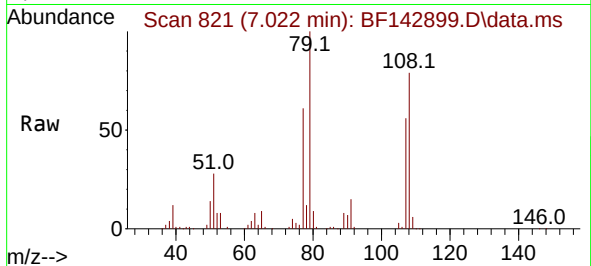




#15
Benzyl Alcohol
Concen: 39.364 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

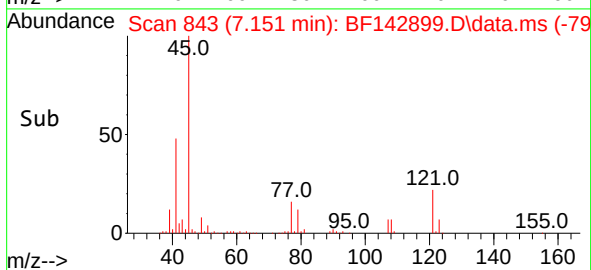
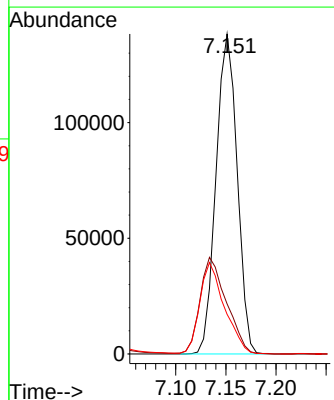
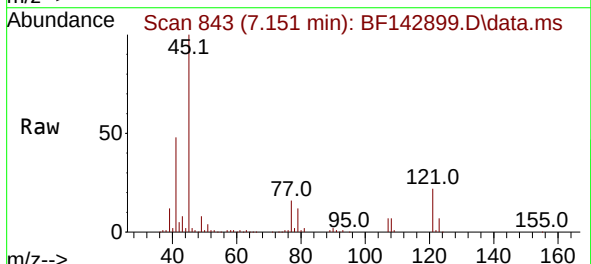
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

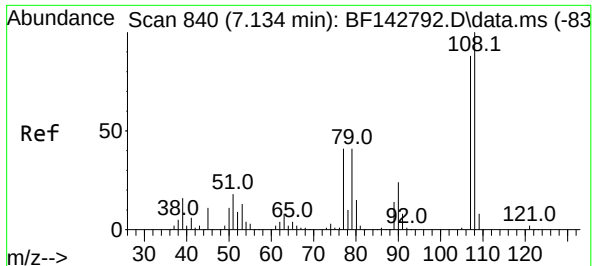
Tgt Ion: 79 Resp: 121178
Ion Ratio Lower Upper
79 100
108 78.9 63.4 95.0
77 60.9 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.264 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion: 45 Resp: 202536
Ion Ratio Lower Upper
45 100
77 15.7 0.0 32.8
79 12.4 0.0 29.8

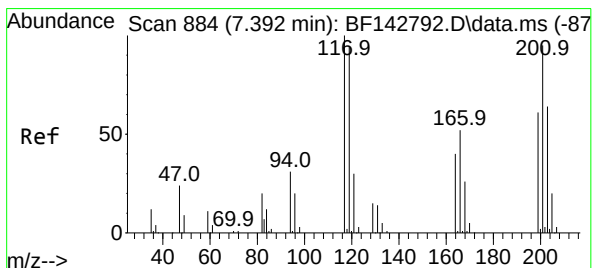
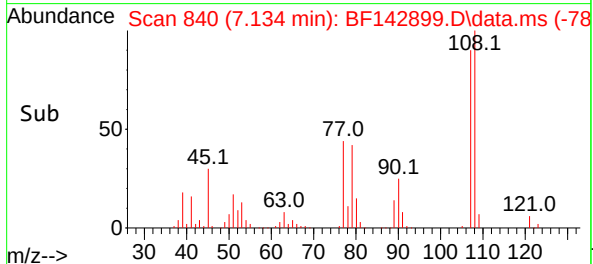
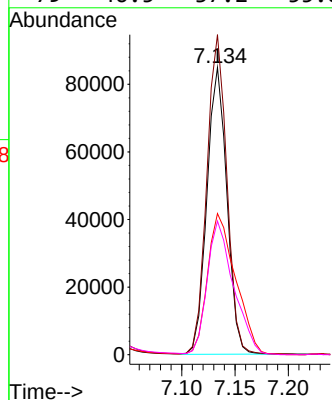
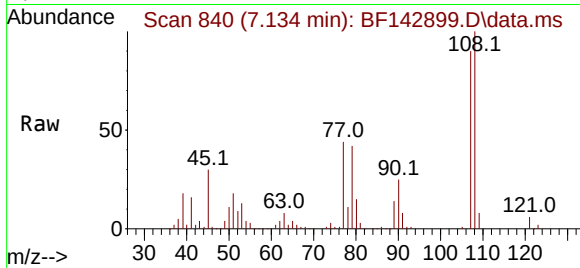




#17
2-Methylphenol
Concen: 37.457 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

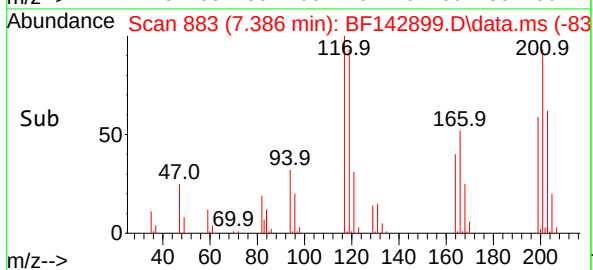
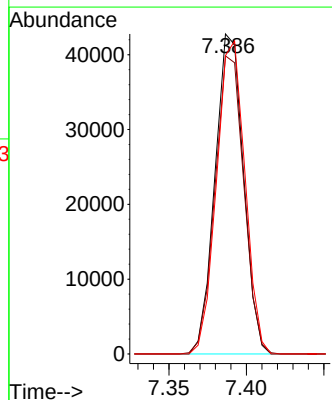
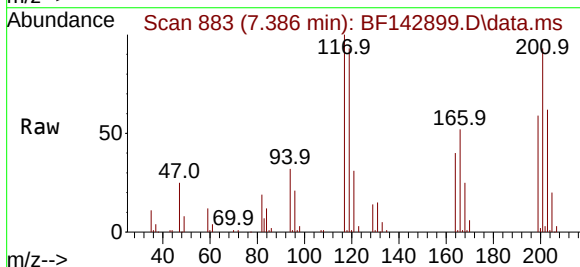
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

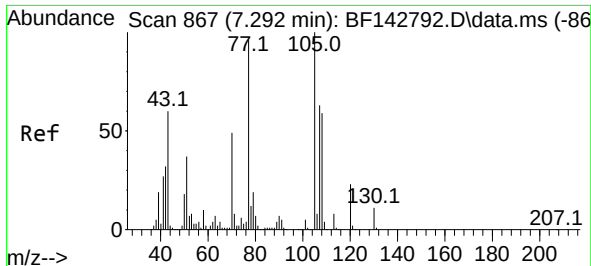
Tgt Ion:	107	Resp:	110513
Ion	Ratio	Lower	Upper
107	100		
108	111.4	90.9	136.3
77	49.1	37.3	55.9
79	46.5	37.2	55.8



#18
Hexachloroethane
Concen: 35.528 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:	117	Resp:	54591
Ion	Ratio	Lower	Upper
117	100		
119	93.1	75.4	113.0
201	93.2	75.9	113.9





#19

n-Nitroso-di-n-propylamine

Concen: 39.745 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF142899.D

Acq: 27 Jun 2025 18:10

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 70 Resp: 98431

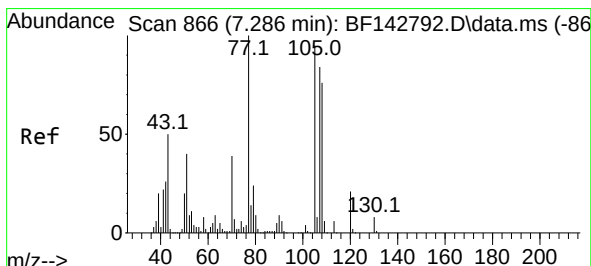
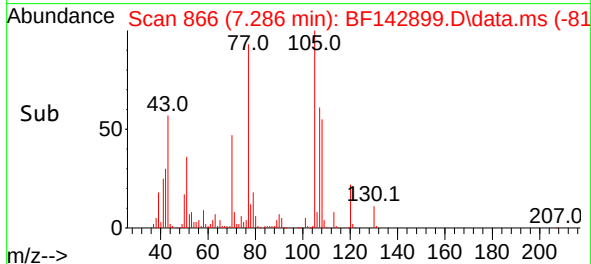
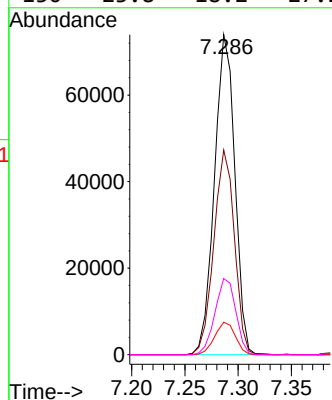
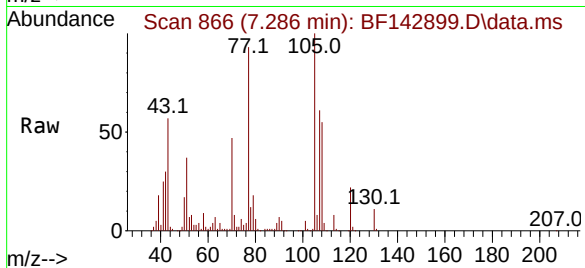
Ion Ratio Lower Upper

70 100

42 64.0 52.1 78.1

101 10.2 8.2 12.2

130 23.8 18.2 27.2



#20

3+4-Methylphenols

Concen: 38.054 ng

RT: 7.286 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF142899.D

Acq: 27 Jun 2025 18:10

Tgt Ion:107 Resp: 139987

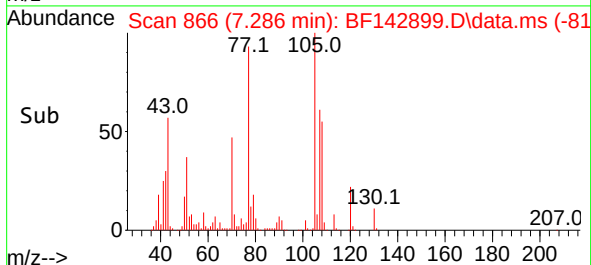
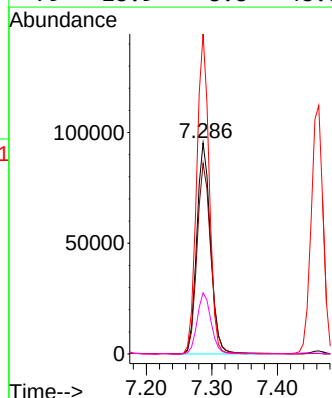
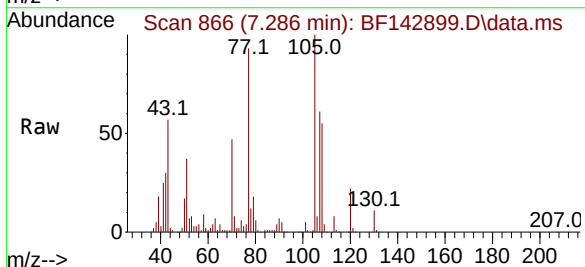
Ion Ratio Lower Upper

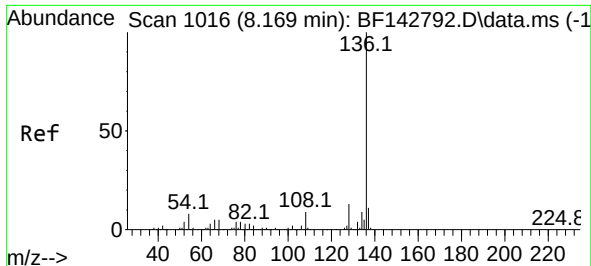
107 100

108 90.3 70.0 110.0

77 151.6 98.5 138.5#

79 28.9 8.8 48.8



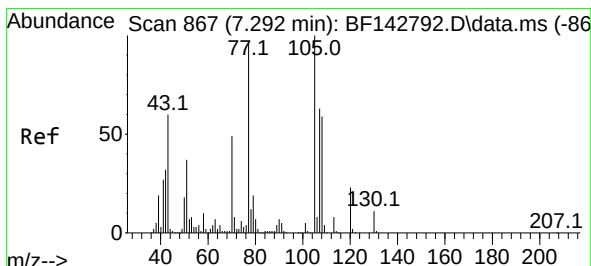
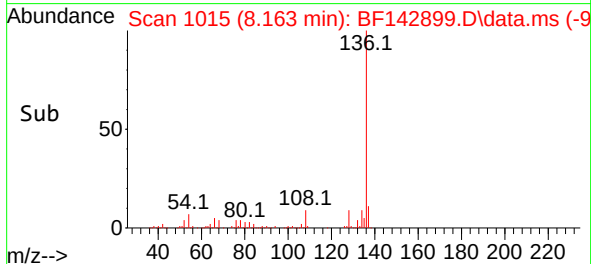
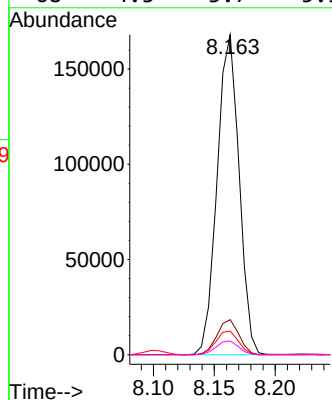
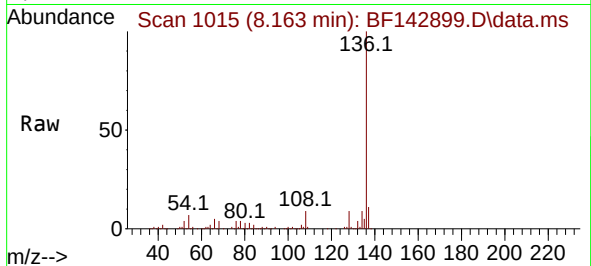


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:136 Resp: 211234

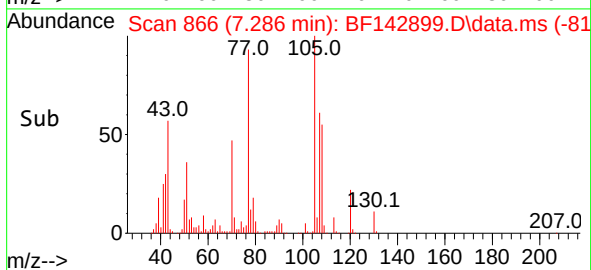
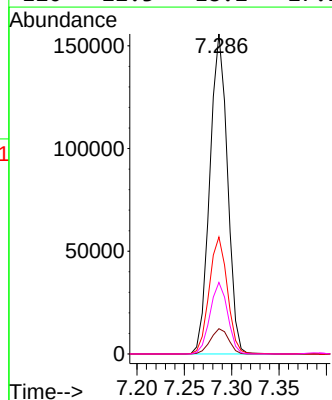
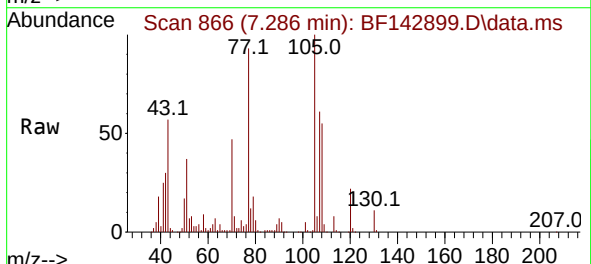
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	7.4	6.3	9.5
68	4.3	3.7	5.5

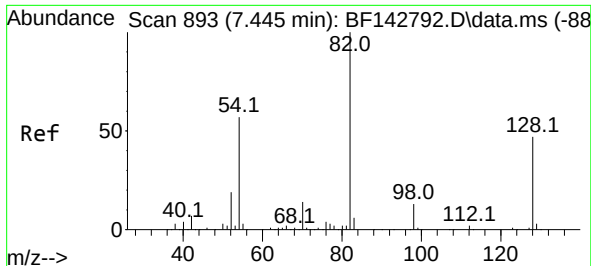


#22
Acetophenone
Concen: 43.292 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:105 Resp: 201658

Ion	Ratio	Lower	Upper
105	100		
71	7.9	6.5	9.7
51	36.5	29.8	44.8
120	22.3	18.2	27.2

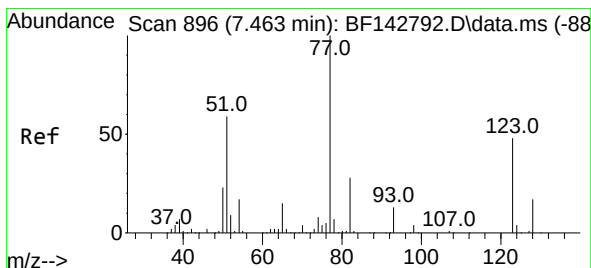
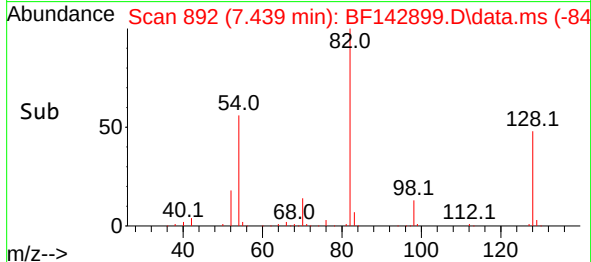
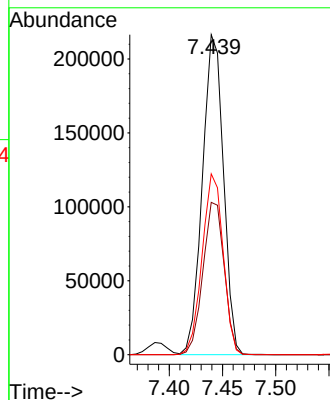
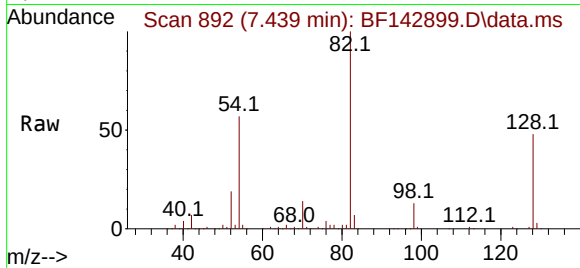




#23
Nitrobenzene-d5
Concen: 77.388 ng
RT: 7.439 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

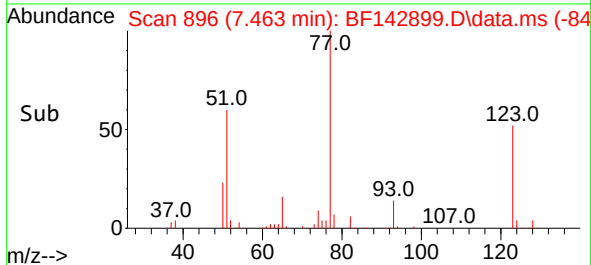
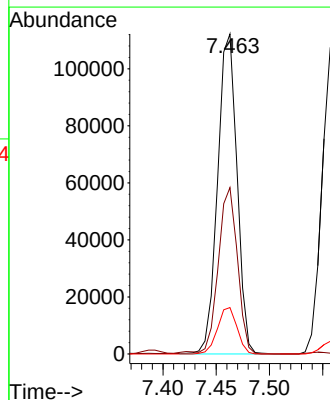
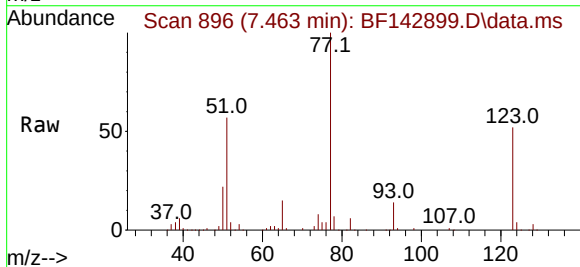
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

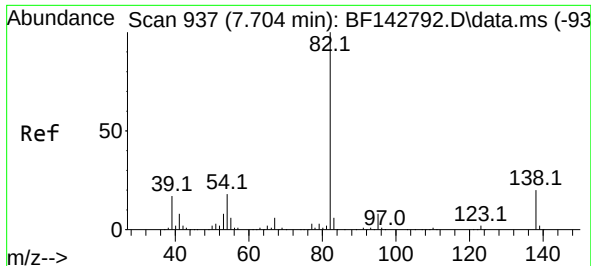
Tgt Ion: 82 Resp: 298026
Ion Ratio Lower Upper
82 100
128 47.6 37.7 56.5
54 56.5 45.7 68.5



#24
Nitrobenzene
Concen: 40.713 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion: 77 Resp: 141908
Ion Ratio Lower Upper
77 100
123 52.0 39.2 58.8
65 14.5 11.6 17.4

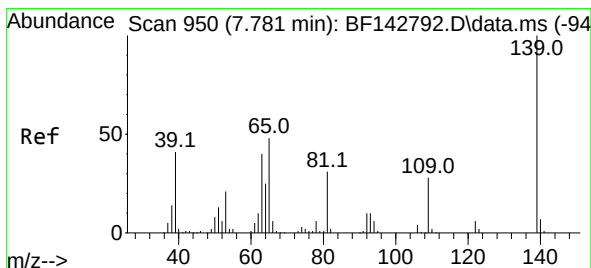
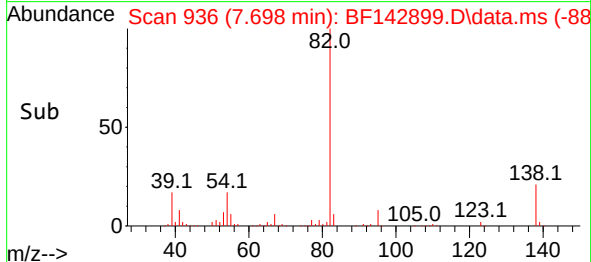
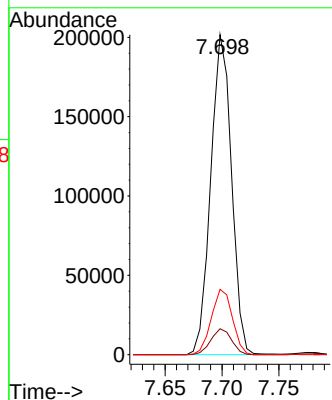
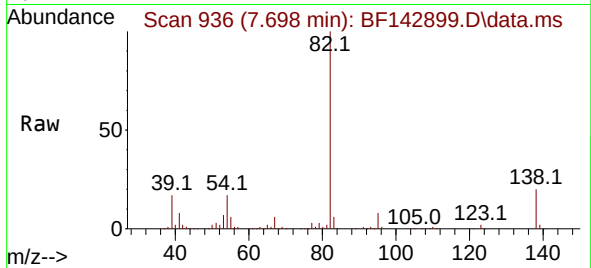




#25
Isophorone
Concen: 41.487 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

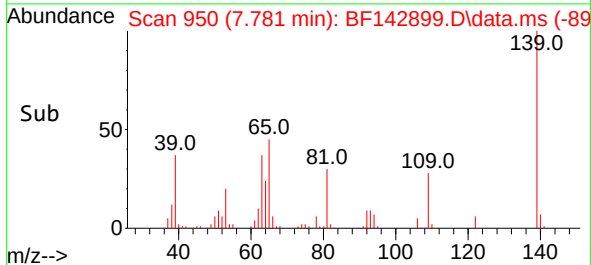
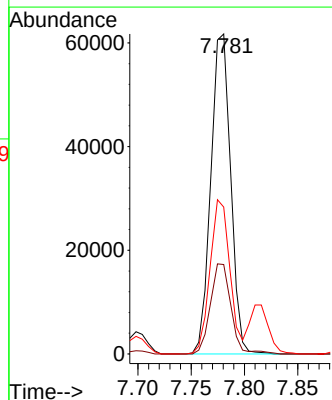
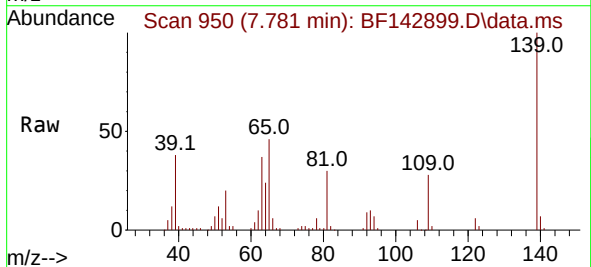
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

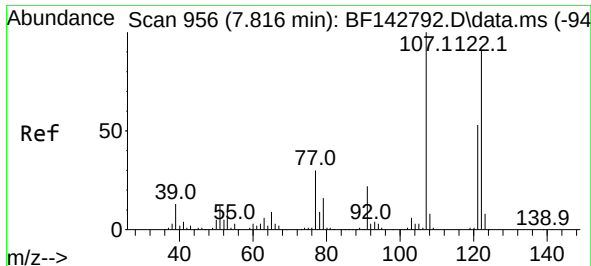
Tgt Ion: 82 Resp: 256297
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.2
138 20.4 16.2 24.4



#26
2-Nitrophenol
Concen: 42.026 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:139 Resp: 79796
Ion Ratio Lower Upper
139 100
109 28.0 22.7 34.1
65 45.9 38.6 58.0

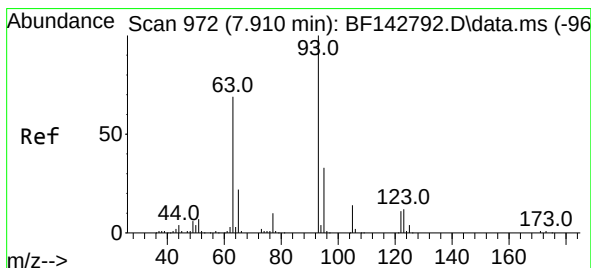
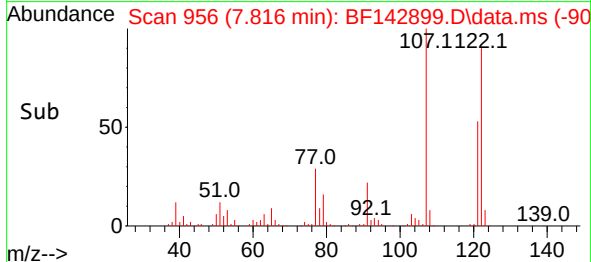
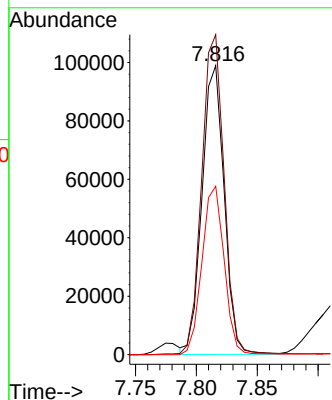
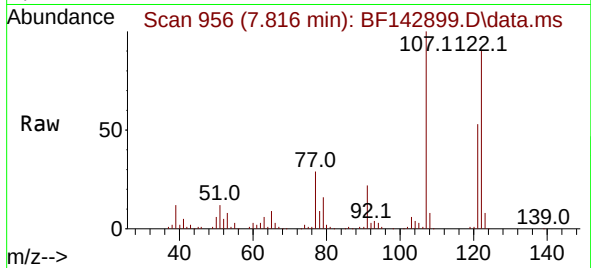




#27
2,4-Dimethylphenol
Concen: 38.110 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

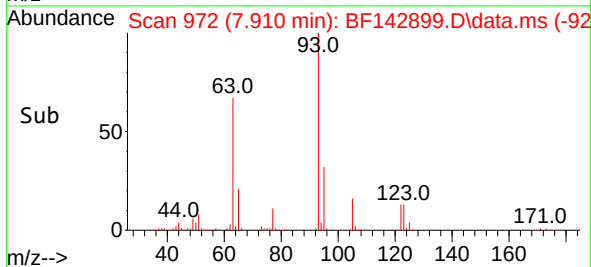
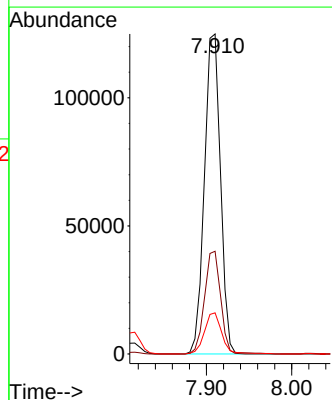
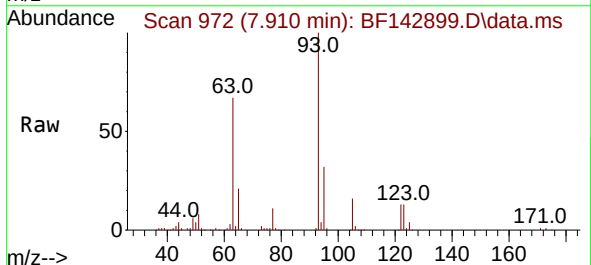
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

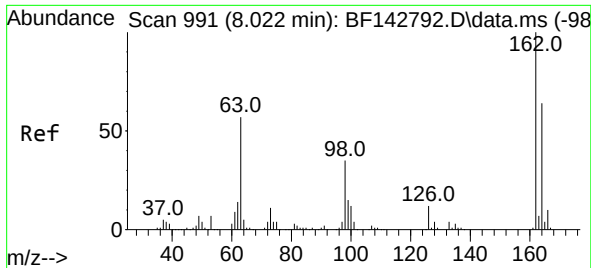
Tgt Ion:122 Resp: 125342
Ion Ratio Lower Upper
122 100
107 110.7 88.0 132.0
121 58.3 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 41.714 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion: 93 Resp: 163830
Ion Ratio Lower Upper
93 100
95 32.1 26.2 39.2
123 12.9 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 40.687 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142899.D

Acq: 27 Jun 2025 18:10

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

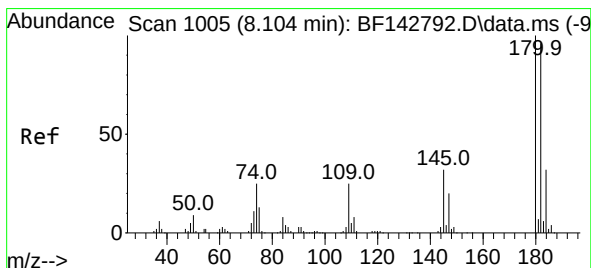
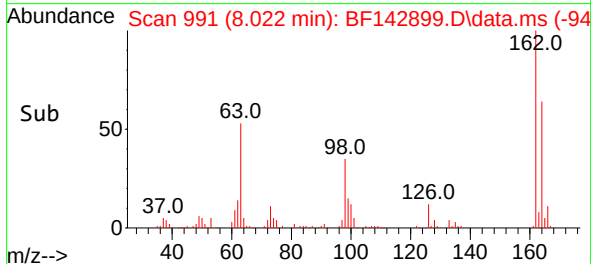
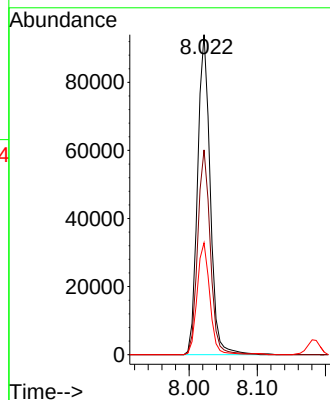
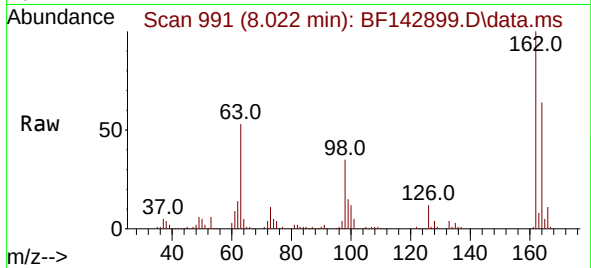
Tgt Ion:162 Resp: 121334

Ion Ratio Lower Upper

162 100

164 64.0 44.0 84.0

98 34.9 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 39.436 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142899.D

Acq: 27 Jun 2025 18:10

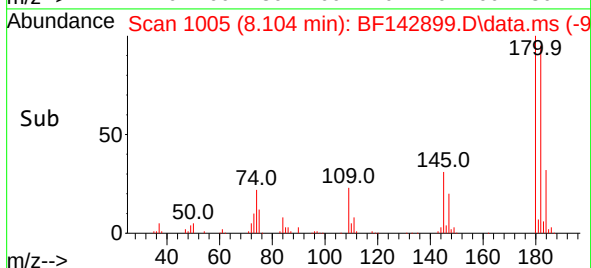
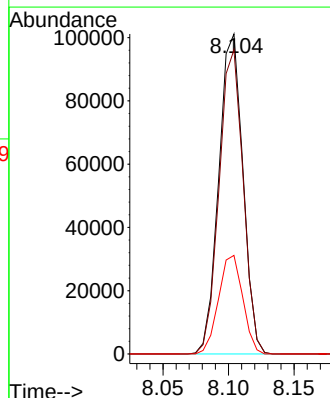
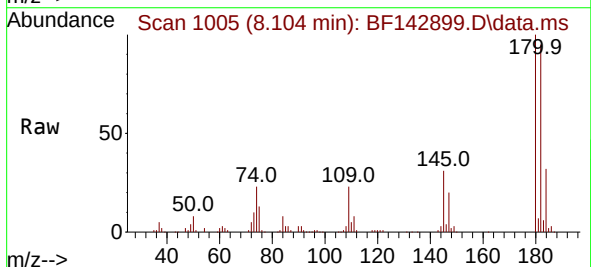
Tgt Ion:180 Resp: 129318

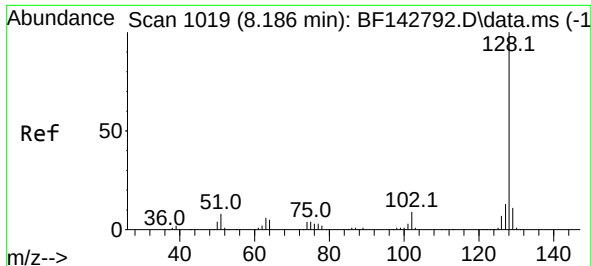
Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

145 30.8 25.8 38.8

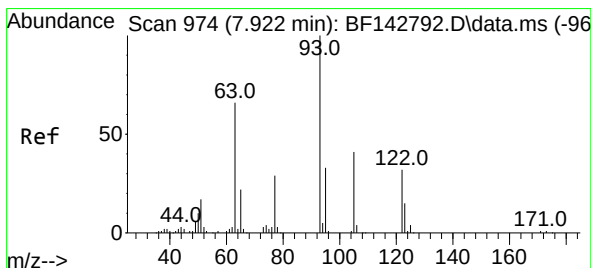
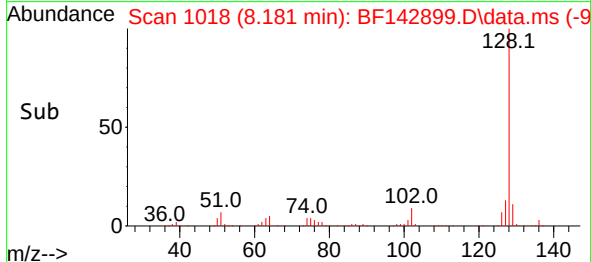
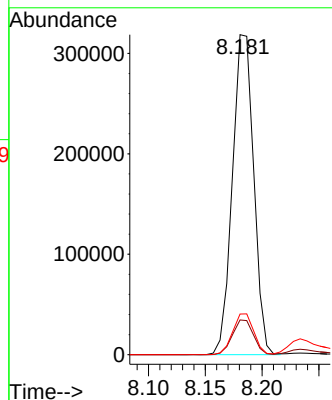
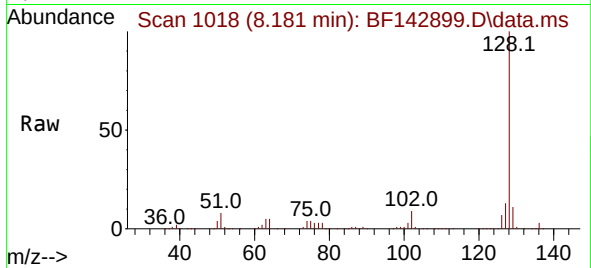




#31
Naphthalene
Concen: 40.213 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

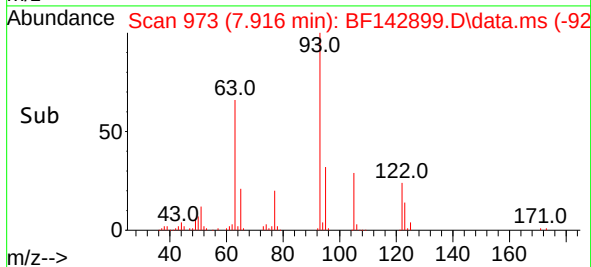
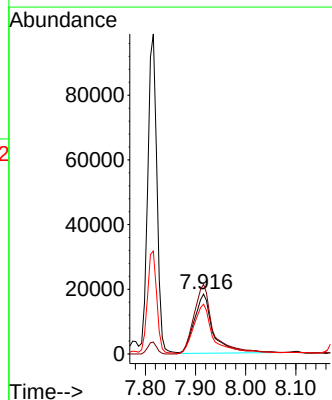
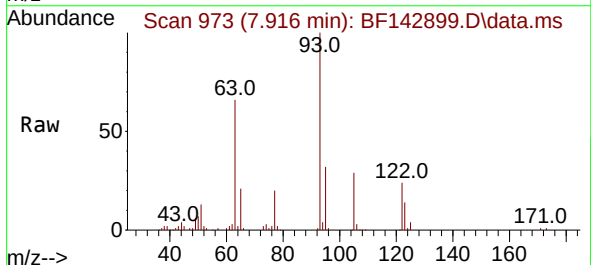
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

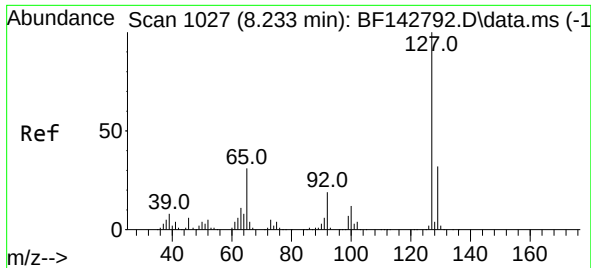
Tgt Ion:128 Resp: 415784
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.7 10.4 15.6



#32
Benzoic acid
Concen: 28.504 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:122 Resp: 47782
Ion Ratio Lower Upper
122 100
105 116.5 104.7 144.7
77 83.2 70.2 110.2

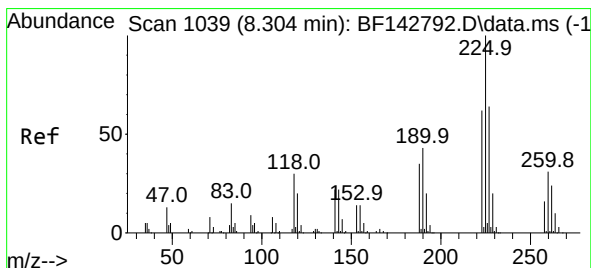
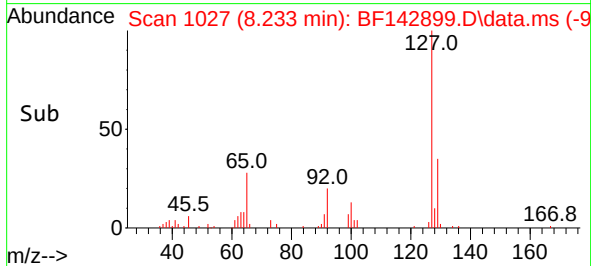
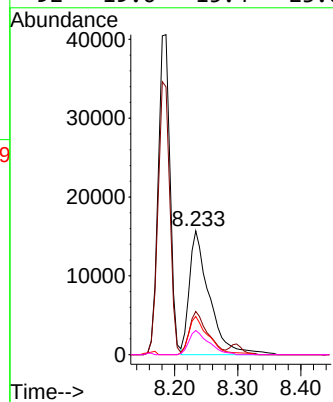
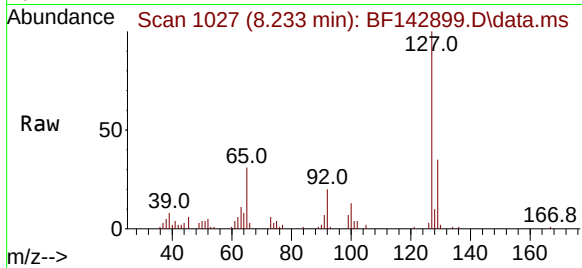




#33
4-Chloroaniline
Concen: 8.241 ng
RT: 8.233 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

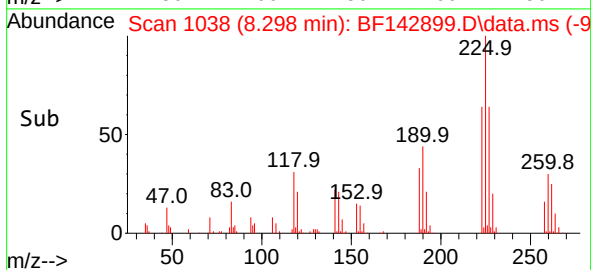
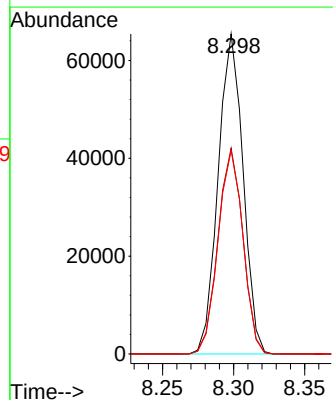
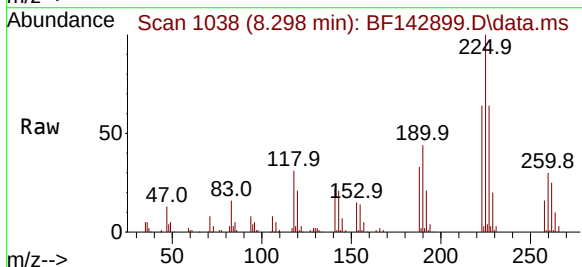
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

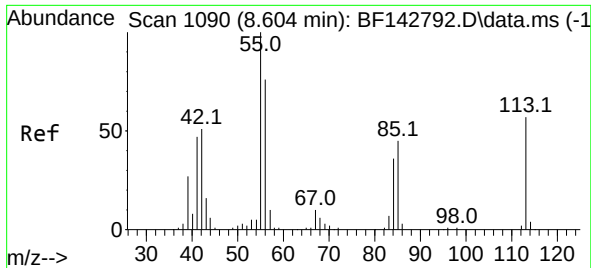
Tgt Ion:127	Resp:	34646
Ion Ratio	Lower	Upper
127	100	
129	34.9	25.9 38.9
65	30.9	24.6 36.8
92	19.6	15.4 23.0



#34
Hexachlorobutadiene
Concen: 39.704 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:225	Resp:	79639
Ion Ratio	Lower	Upper
225	100	
223	64.3	49.9 74.9
227	63.6	51.4 77.0

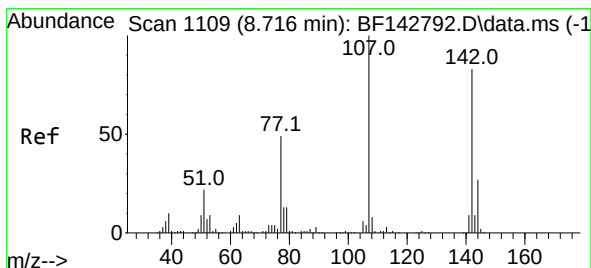
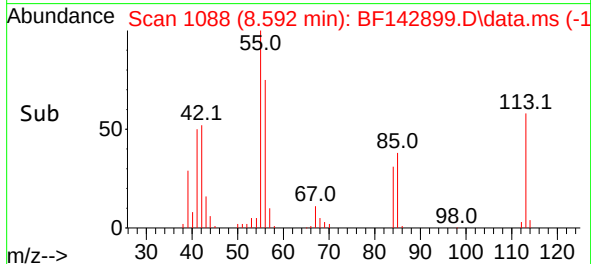
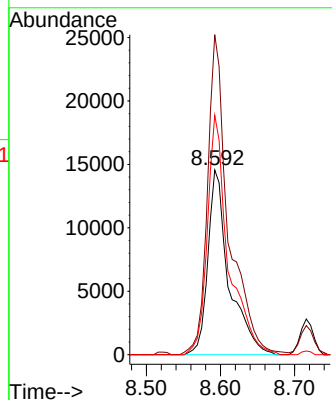
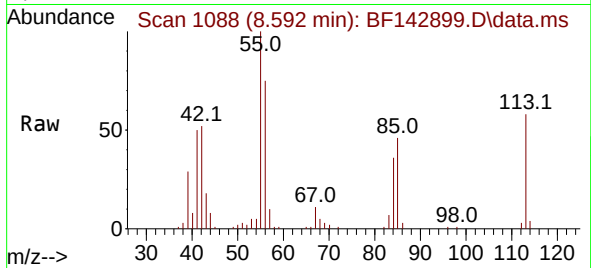




#35
 Caprolactam
 Concen: 36.643 ng
 RT: 8.592 min Scan# 1088
 Delta R.T. -0.012 min
 Lab File: BF142899.D
 Acq: 27 Jun 2025 18:10

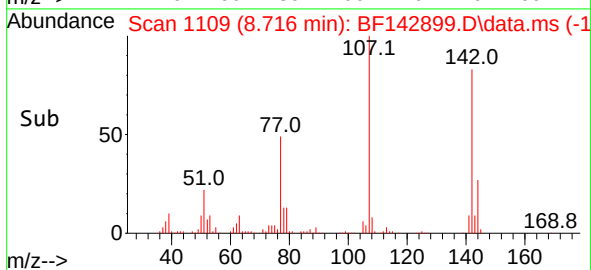
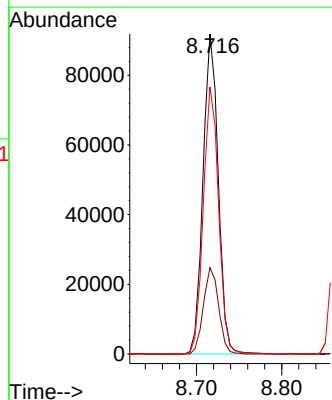
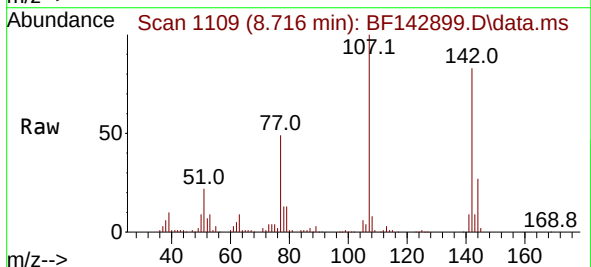
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

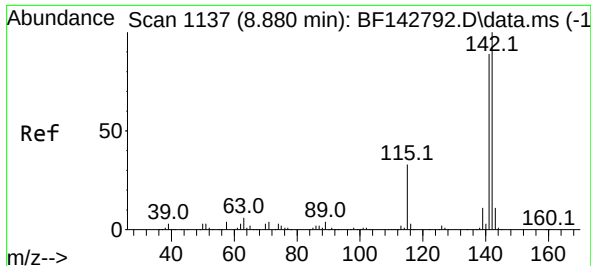
Tgt Ion:113 Resp: 28835
 Ion Ratio Lower Upper
 113 100
 55 173.3 154.4 194.4
 56 129.6 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 38.398 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142899.D
 Acq: 27 Jun 2025 18:10

Tgt Ion:107 Resp: 113802
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.3 31.9
 142 83.4 66.6 100.0





#37

2-Methylnaphthalene

Concen: 39.197 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF142899.D

Acq: 27 Jun 2025 18:10

Instrument :

BNA_F

ClientSampleId :

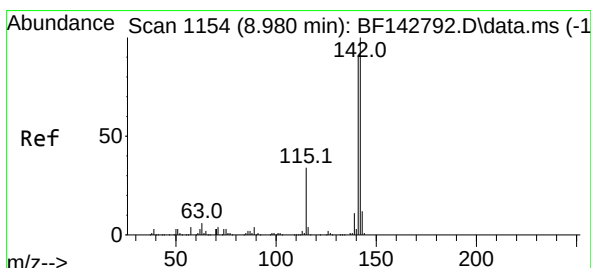
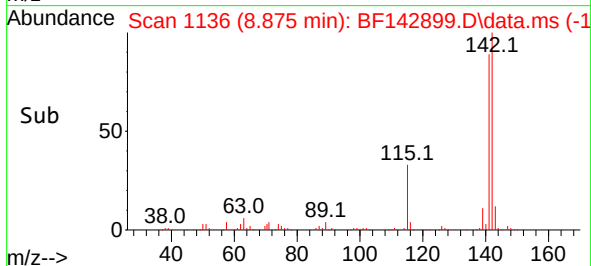
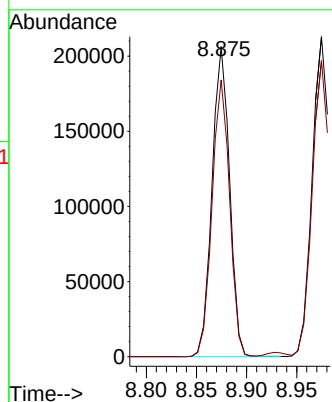
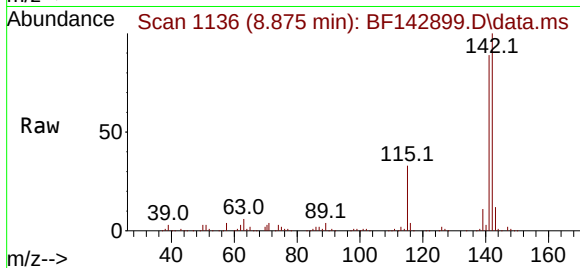
WC-1MSD

Tgt Ion:142 Resp: 251257

Ion Ratio Lower Upper

142 100

141 89.2 70.9 106.3



#38

1-Methylnaphthalene

Concen: 39.430 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142899.D

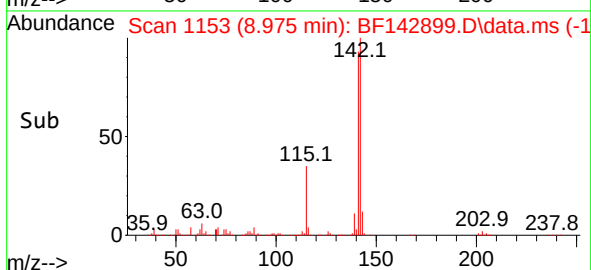
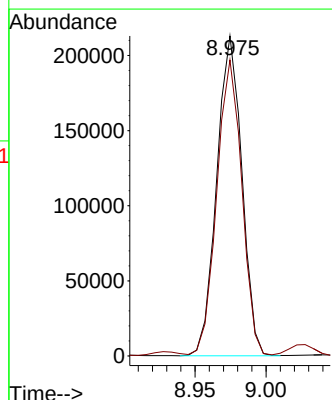
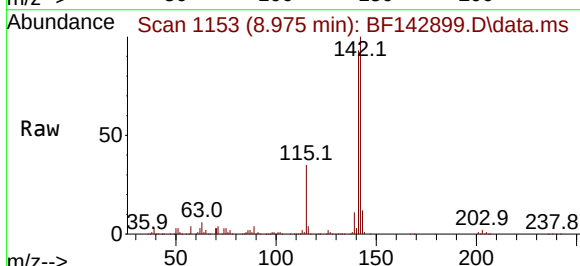
Acq: 27 Jun 2025 18:10

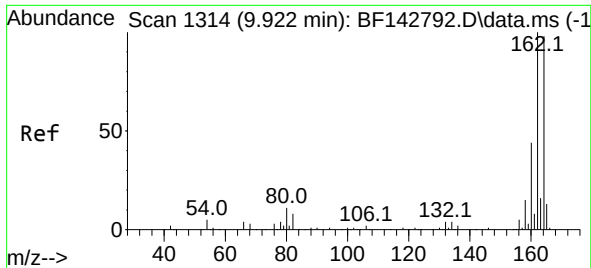
Tgt Ion:142 Resp: 261645

Ion Ratio Lower Upper

142 100

141 92.5 73.0 109.4

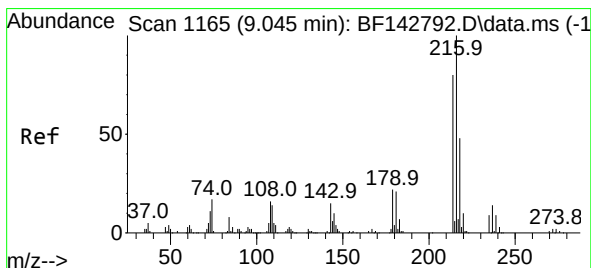
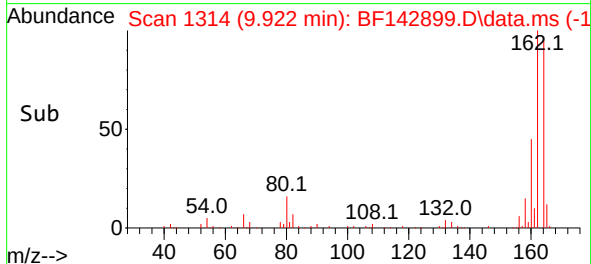
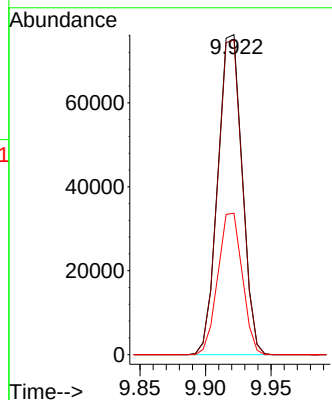
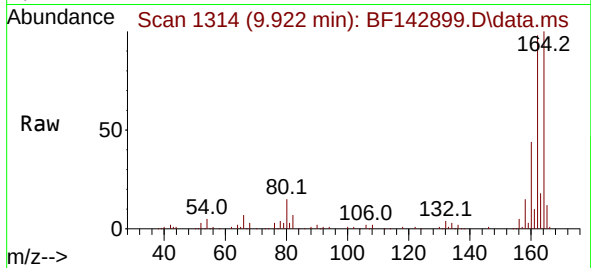




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

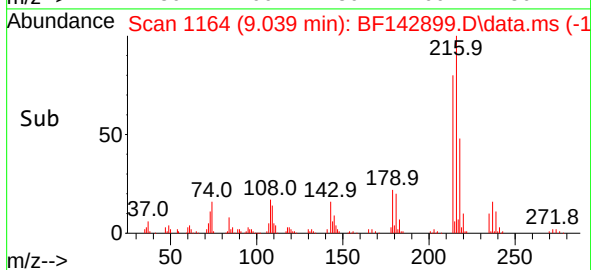
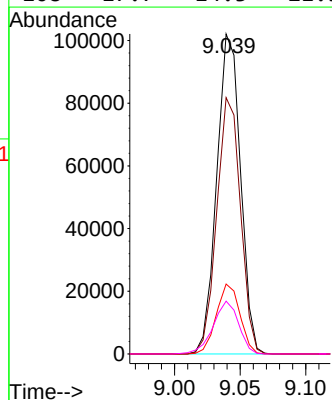
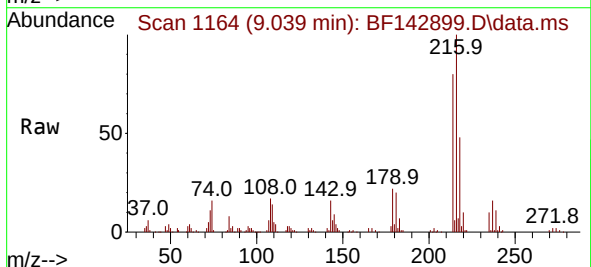
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

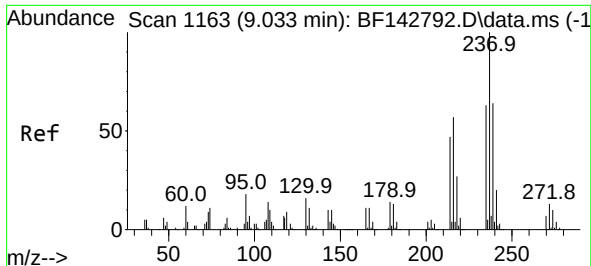
Tgt Ion:164 Resp: 98623
Ion Ratio Lower Upper
164 100
162 98.4 81.8 122.8
160 44.2 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.105 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:216 Resp: 128346
Ion Ratio Lower Upper
216 100
214 80.1 63.7 95.5
179 21.7 17.6 26.4
108 17.7 14.3 21.5

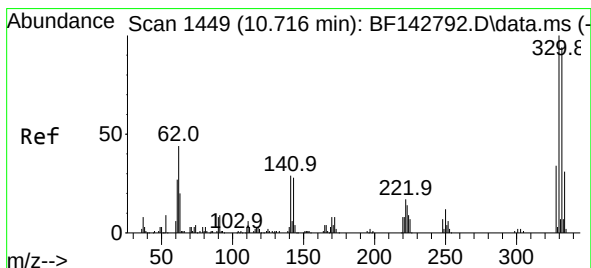
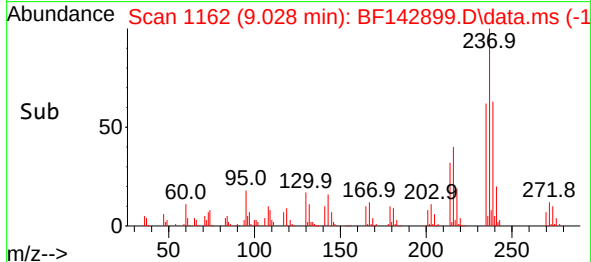
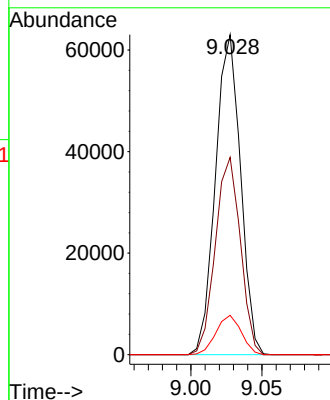
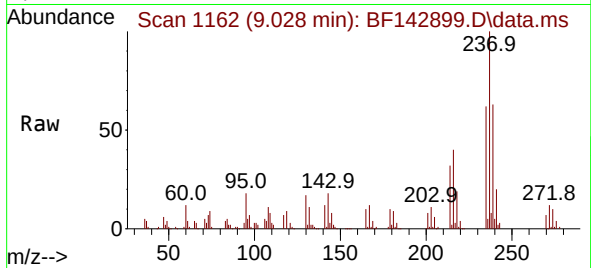




#41
 Hexachlorocyclopentadiene
 Concen: 46.812 ng
 RT: 9.028 min Scan# 1162
 Delta R.T. -0.006 min
 Lab File: BF142899.D
 Acq: 27 Jun 2025 18:10

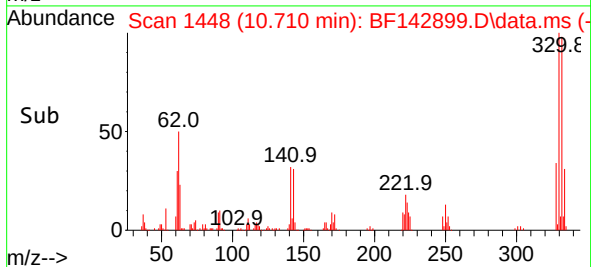
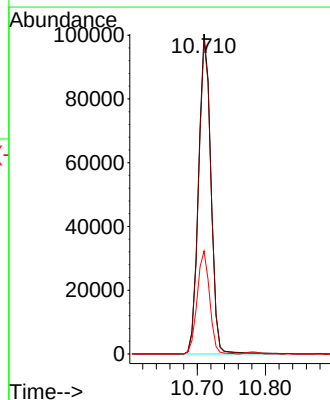
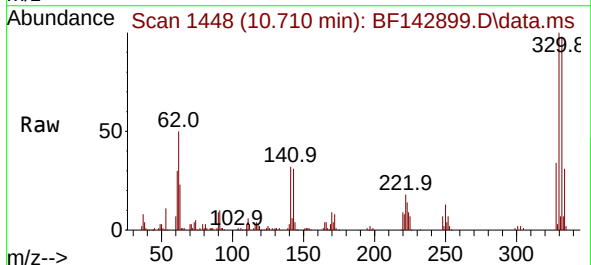
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

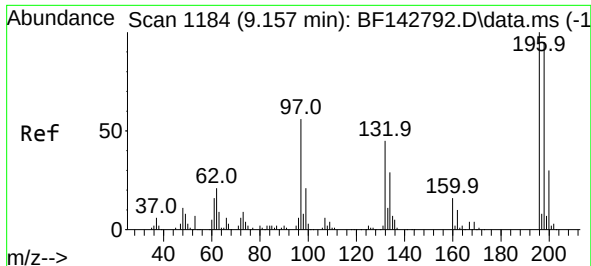
Tgt Ion:237 Resp: 77305
 Ion Ratio Lower Upper
 237 100
 235 61.6 43.4 83.4
 272 12.3 0.0 32.7



#42
 2,4,6-Tribromophenol
 Concen: 124.488 ng
 RT: 10.710 min Scan# 1448
 Delta R.T. -0.006 min
 Lab File: BF142899.D
 Acq: 27 Jun 2025 18:10

Tgt Ion:330 Resp: 126343
 Ion Ratio Lower Upper
 330 100
 332 98.0 75.0 112.6
 141 32.2 25.3 37.9

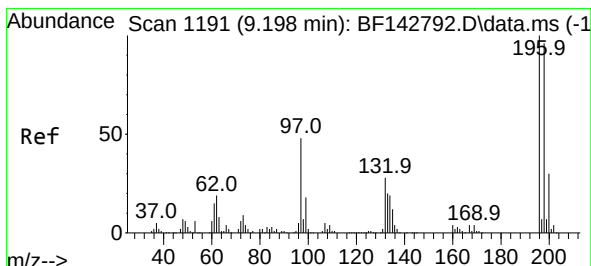
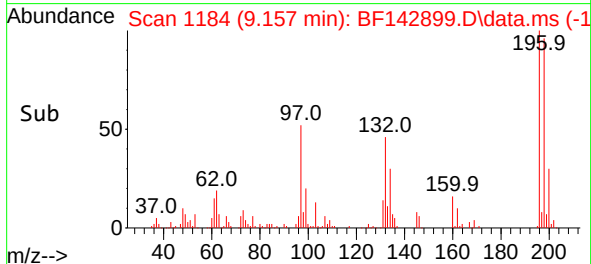
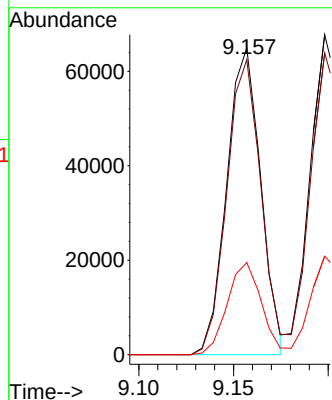
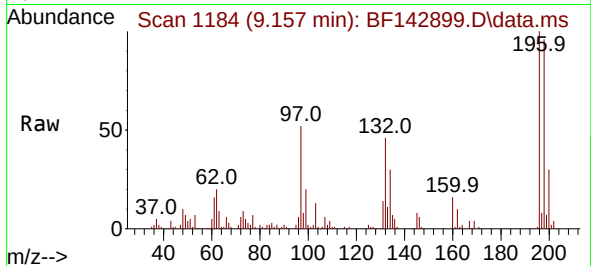




#43
2,4,6-Trichlorophenol
Concen: 42.674 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

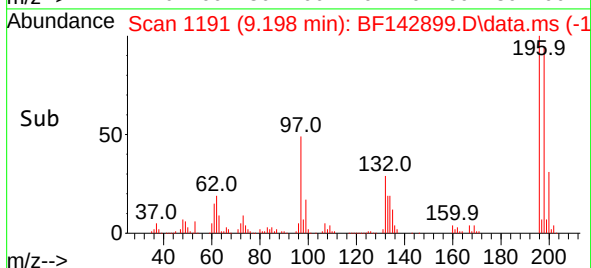
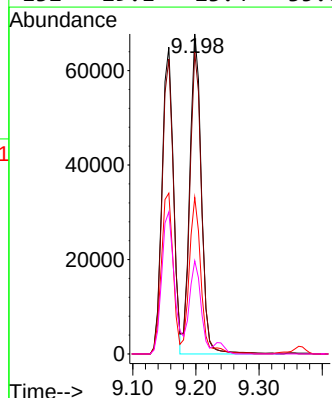
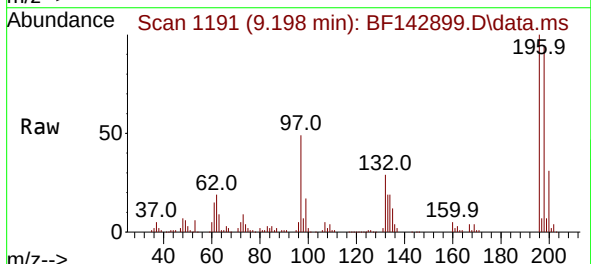
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

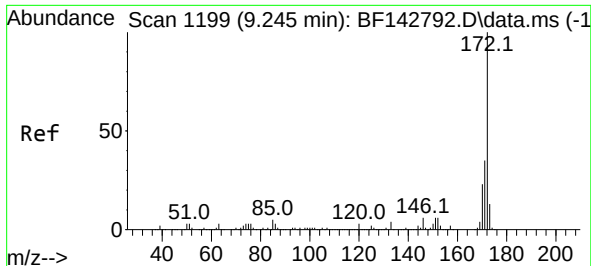
Tgt Ion:196 Resp: 80920
Ion Ratio Lower Upper
196 100
198 96.2 76.2 114.2
200 30.1 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 43.417 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:196 Resp: 86666
Ion Ratio Lower Upper
196 100
198 94.3 76.6 115.0
97 48.9 38.2 57.2
132 29.1 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 80.592 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF142899.D

Acq: 27 Jun 2025 18:10

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

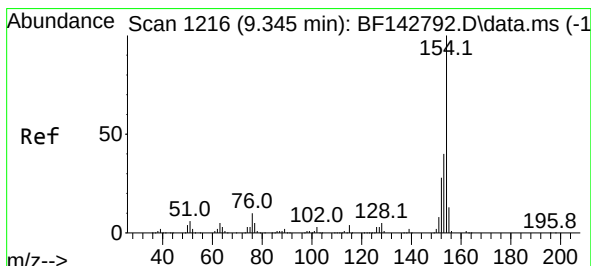
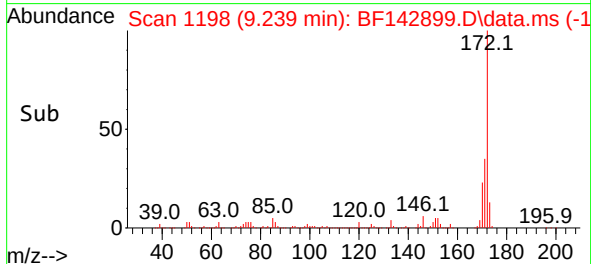
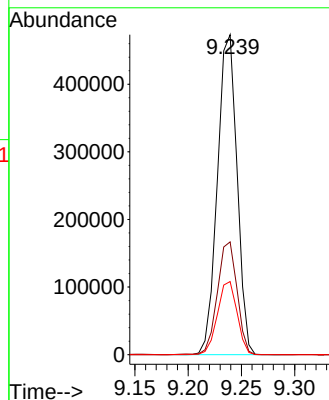
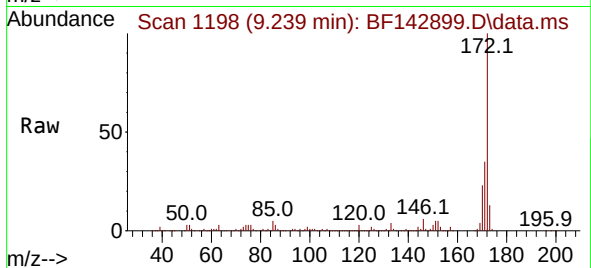
Tgt Ion:172 Resp: 605035

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 22.9 18.5 27.7



#46

1,1'-Biphenyl

Concen: 44.474 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142899.D

Acq: 27 Jun 2025 18:10

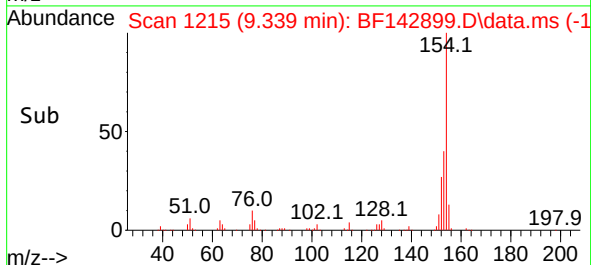
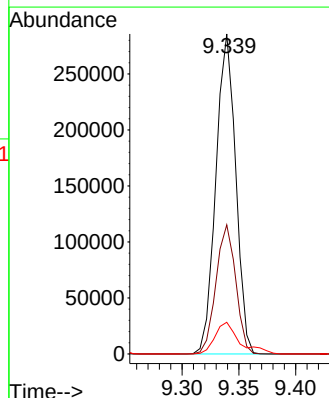
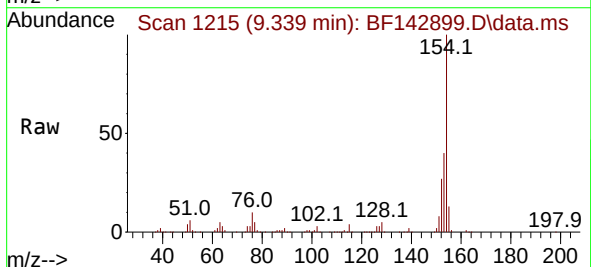
Tgt Ion:154 Resp: 346480

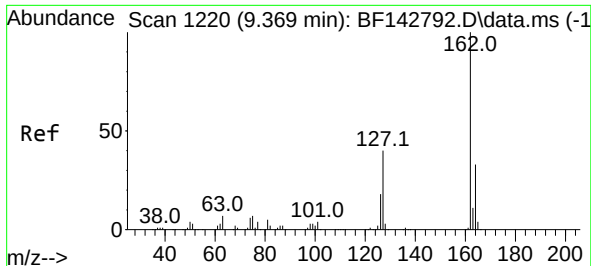
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 9.9 0.0 30.3

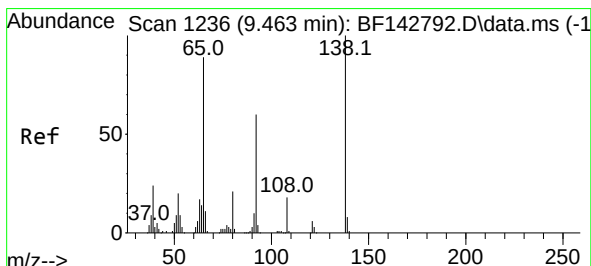
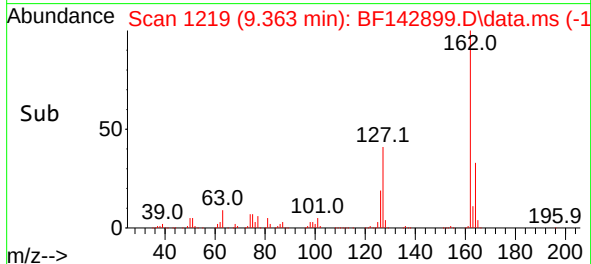
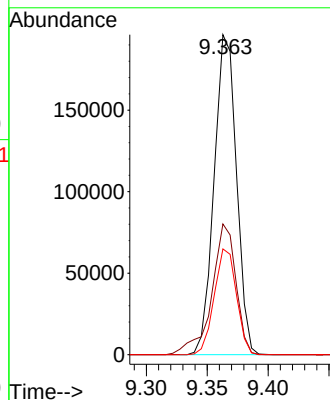
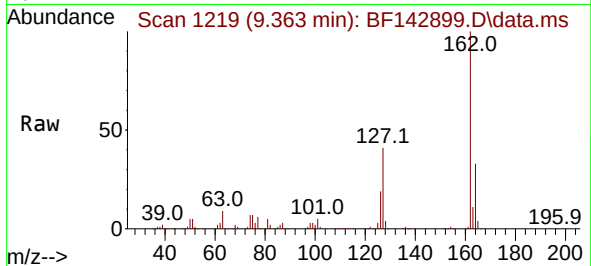




#47
2-Chloronaphthalene
Concen: 42.829 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

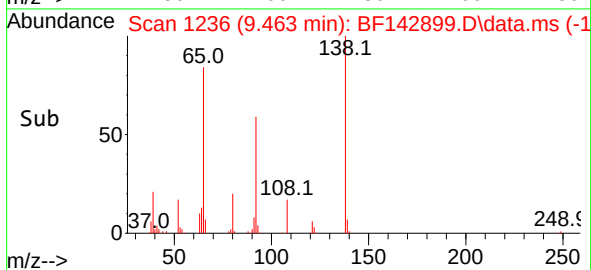
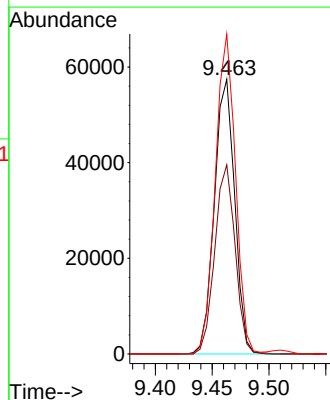
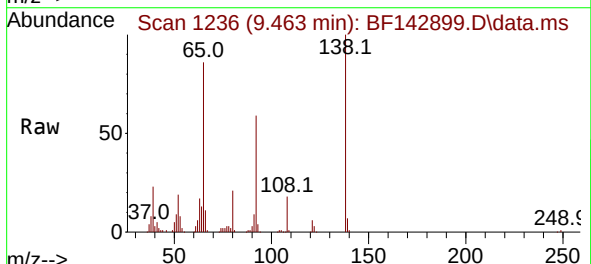
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

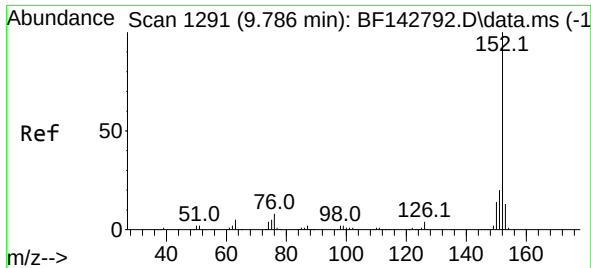
Tgt Ion:162 Resp: 250395
Ion Ratio Lower Upper
162 100
127 40.8 32.2 48.2
164 33.1 26.1 39.1



#48
2-Nitroaniline
Concen: 43.742 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion: 65 Resp: 71695
Ion Ratio Lower Upper
65 100
92 68.9 53.8 80.6
138 116.6 89.6 134.4

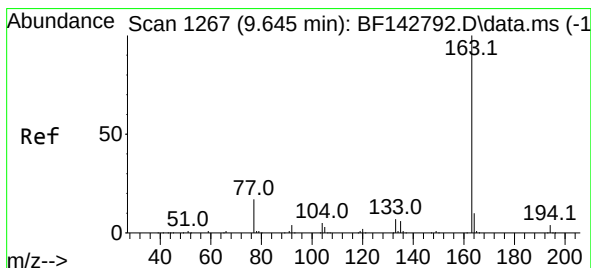
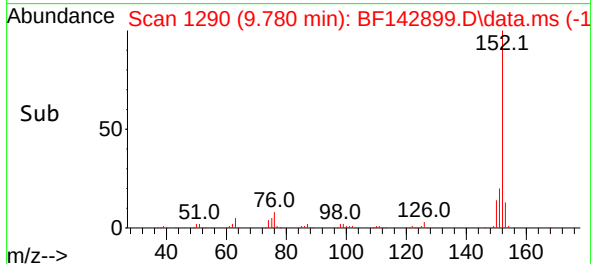
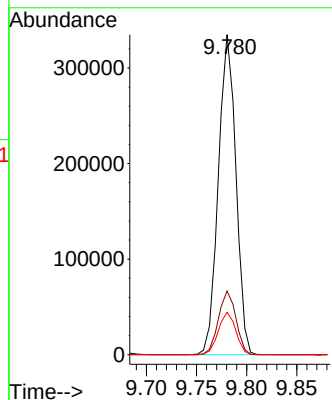
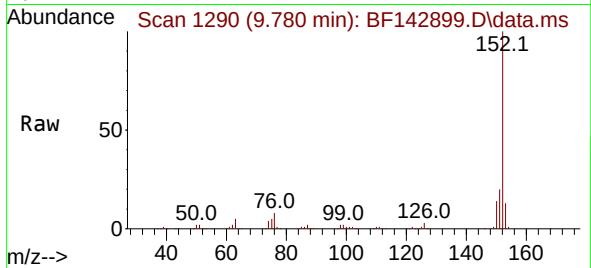




#49
Acenaphthylene
Concen: 42.357 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

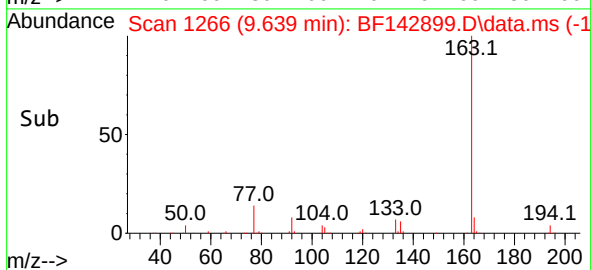
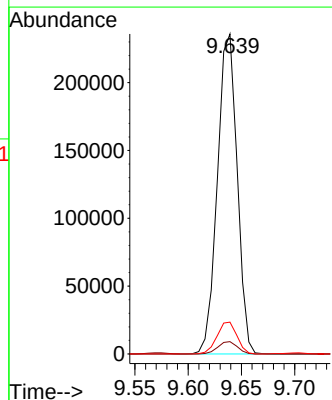
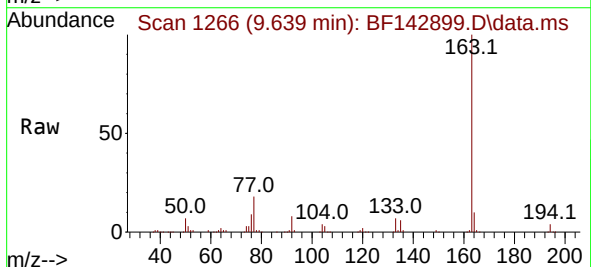
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

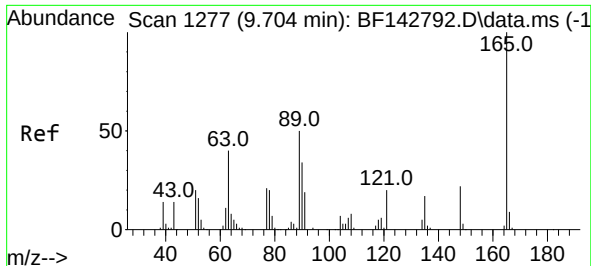
Tgt Ion:152 Resp: 407656
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.3 10.4 15.6



#50
Dimethylphthalate
Concen: 47.656 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:163 Resp: 304232
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.9 8.0 12.0

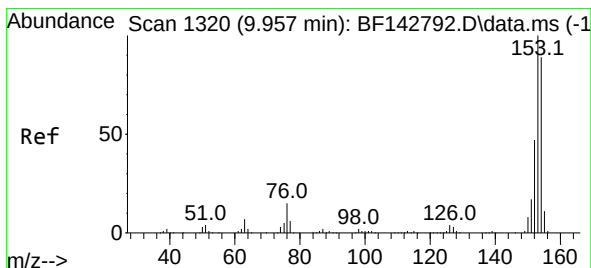
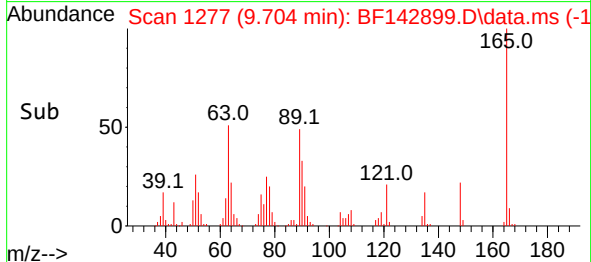
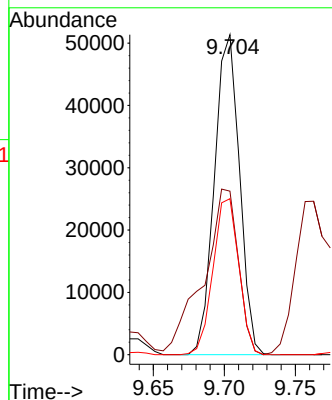
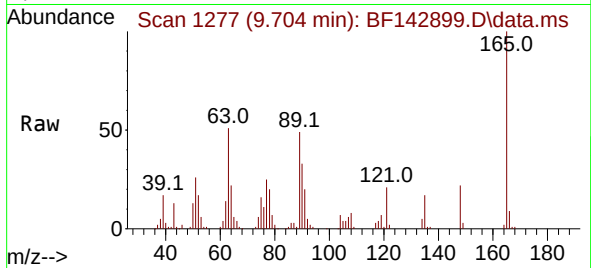




#51
2,6-Dinitrotoluene
Concen: 45.035 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

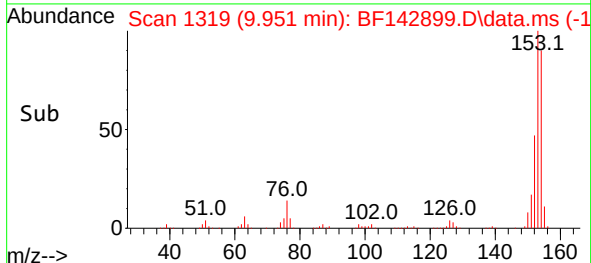
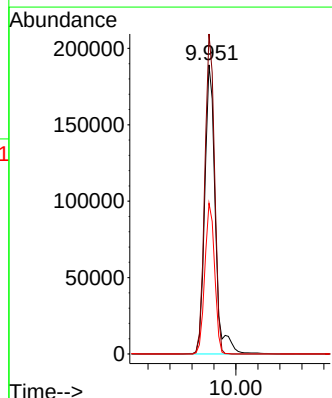
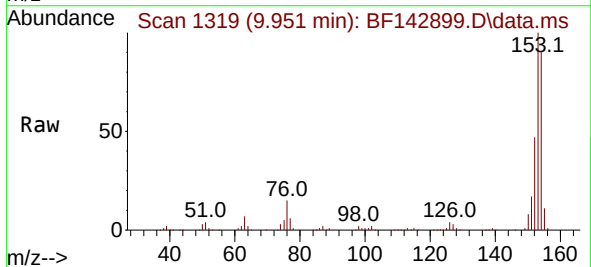
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

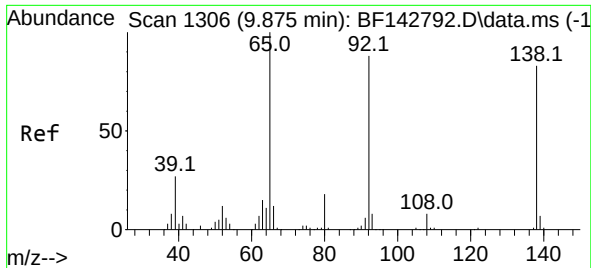
Tgt Ion:165 Resp: 63137
Ion Ratio Lower Upper
165 100
63 51.1 44.2 66.4
89 48.8 39.8 59.8



#52
Acenaphthene
Concen: 42.805 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:154 Resp: 251353
Ion Ratio Lower Upper
154 100
153 110.7 90.0 135.0
152 52.1 41.9 62.9

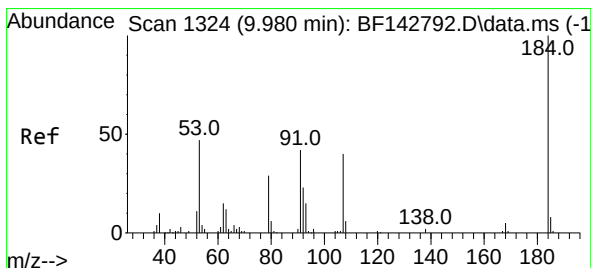
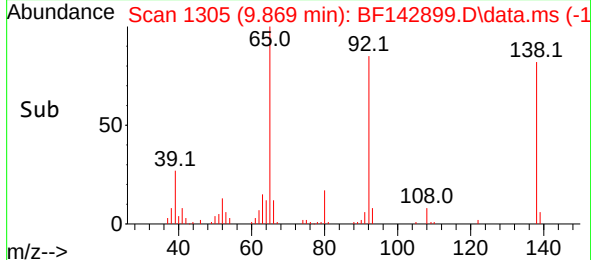
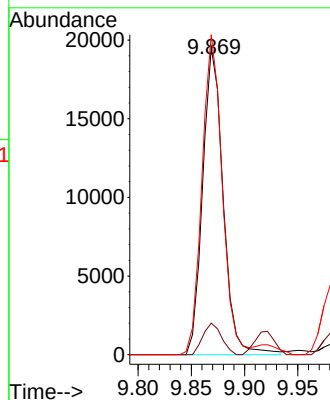
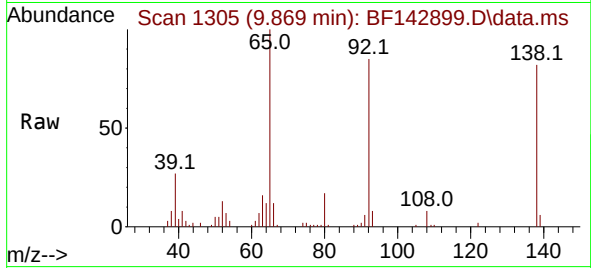




#53
3-Nitroaniline
Concen: 16.897 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

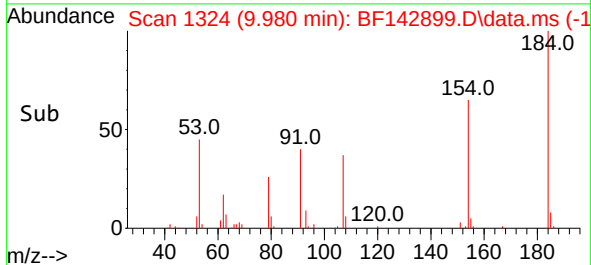
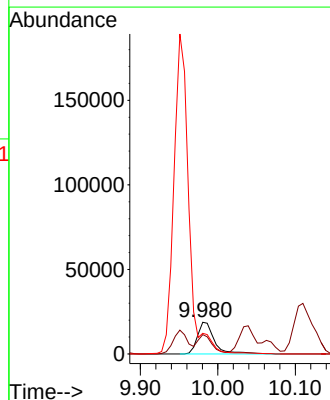
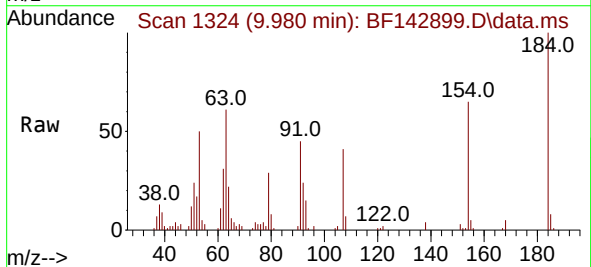
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

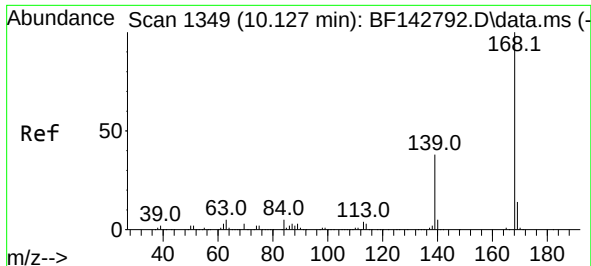
Tgt Ion:138 Resp: 26081
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 104.2 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 40.566 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

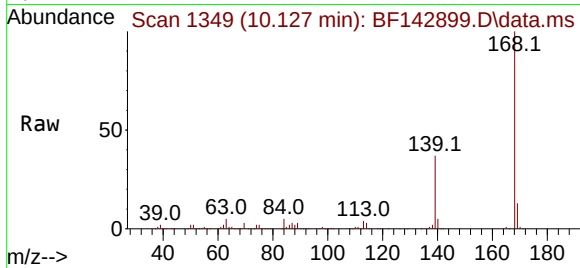
Tgt Ion:184 Resp: 28477
Ion Ratio Lower Upper
184 100
63 61.1 50.6 75.8
154 65.0 51.8 77.8



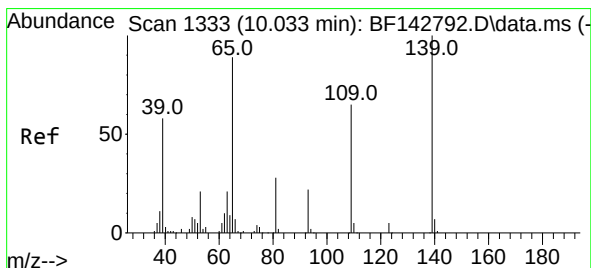
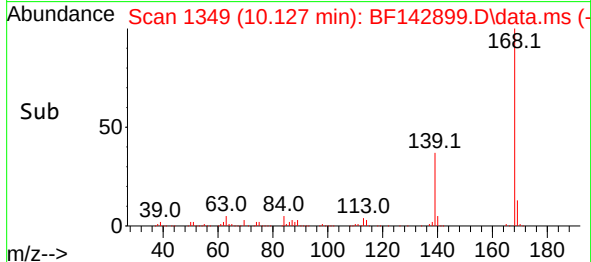
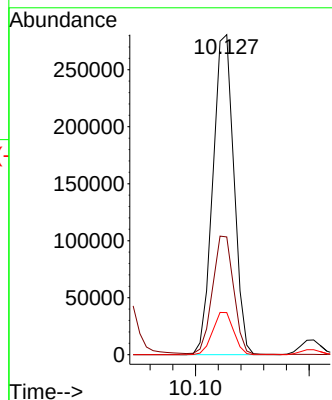


#55
Dibenzofuran
Concen: 42.817 ng
RT: 10.127 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

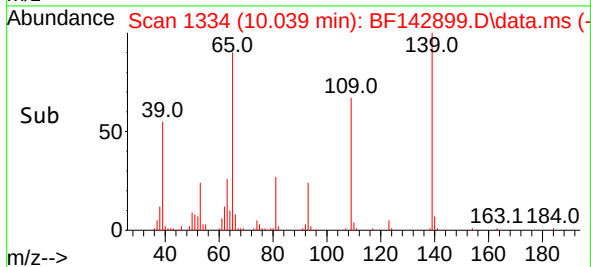
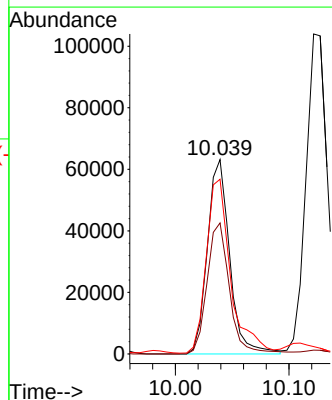
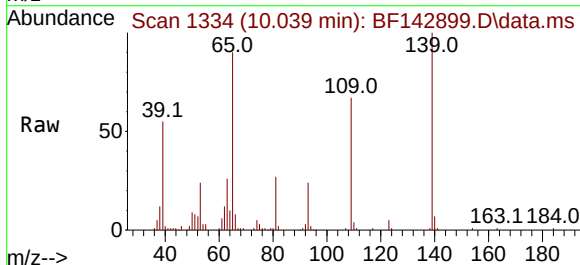


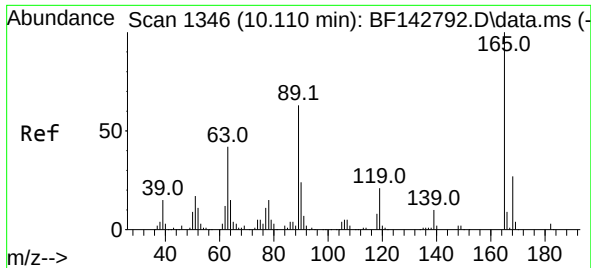
Tgt Ion:168 Resp: 360534
Ion Ratio Lower Upper
168 100
139 36.8 30.2 45.4
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 81.353 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:139 Resp: 85969
Ion Ratio Lower Upper
139 100
109 67.4 44.7 84.7
65 89.9 69.8 109.8

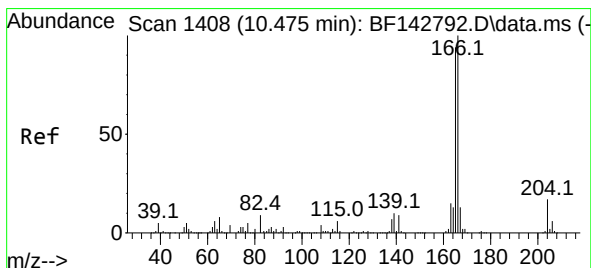
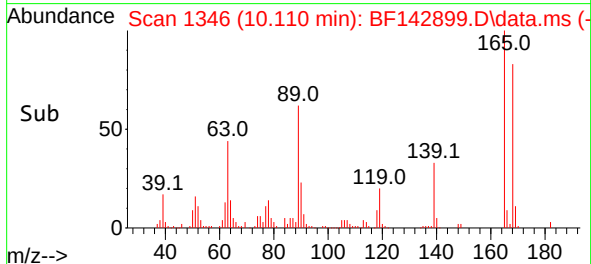
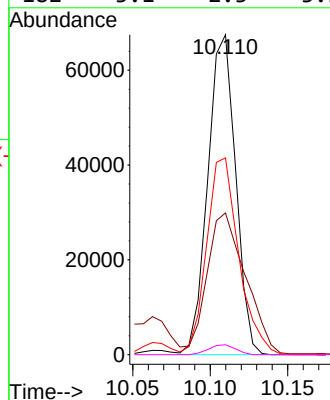
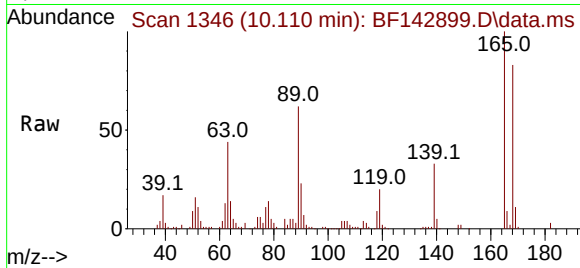




#57
2,4-Dinitrotoluene
Concen: 45.321 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

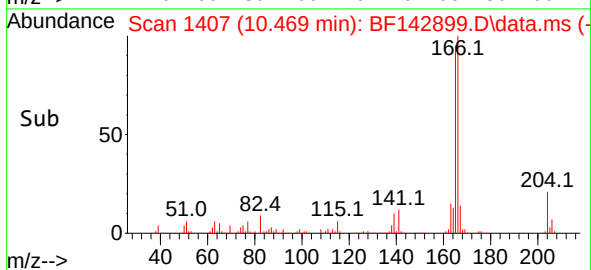
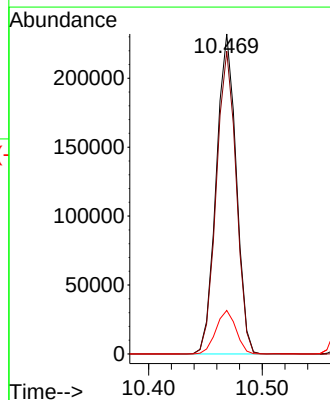
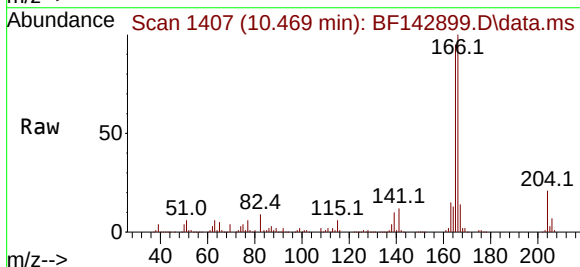
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

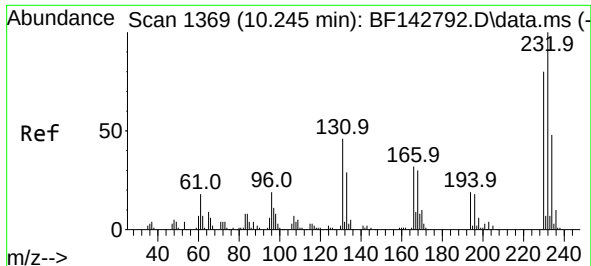
Tgt Ion:165 Resp: 84398
Ion Ratio Lower Upper
165 100
63 44.3 33.9 50.9
89 61.5 50.6 75.8
182 3.1 2.3 3.5



#58
Fluorene
Concen: 43.074 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:166 Resp: 283262
Ion Ratio Lower Upper
166 100
165 94.6 75.2 112.8
167 13.6 10.6 15.8

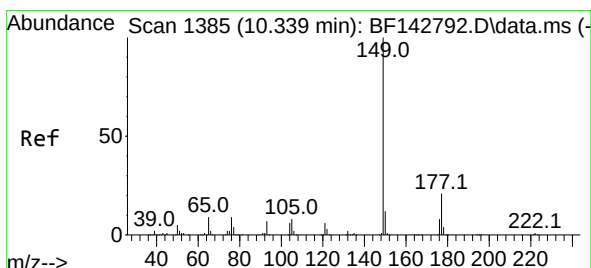
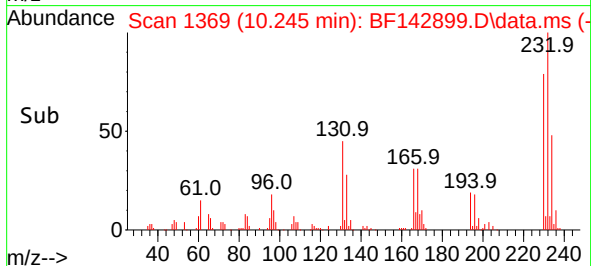
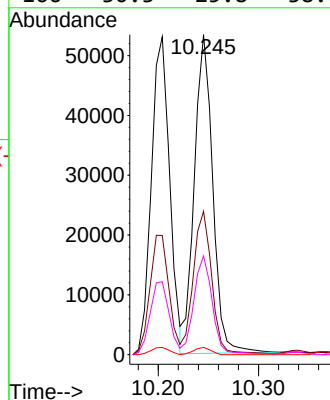
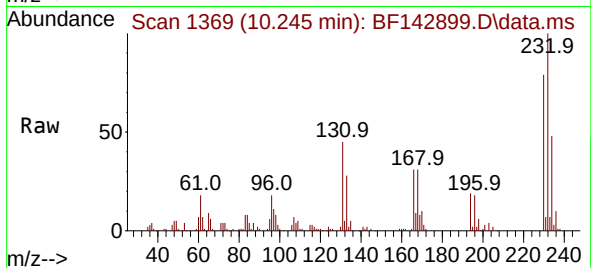




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.280 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

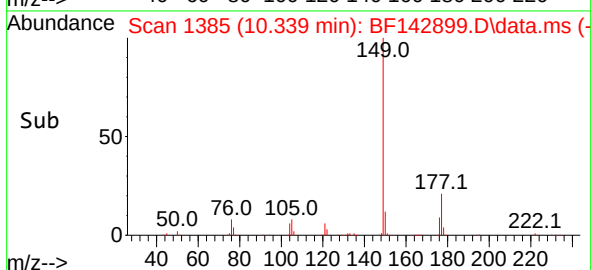
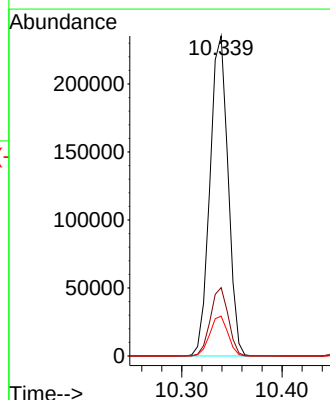
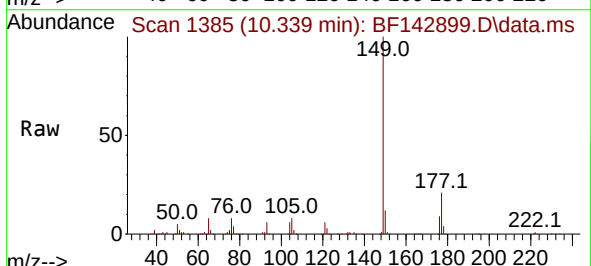
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

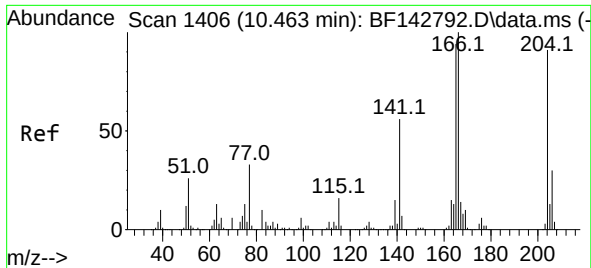
Tgt Ion:232 Resp: 68028
Ion Ratio Lower Upper
232 100
131 44.5 37.6 56.4
130 2.1 1.7 2.5
166 30.3 25.8 38.6



#60
Diethylphthalate
Concen: 47.192 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:149 Resp: 295388
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.6
150 12.4 9.8 14.6

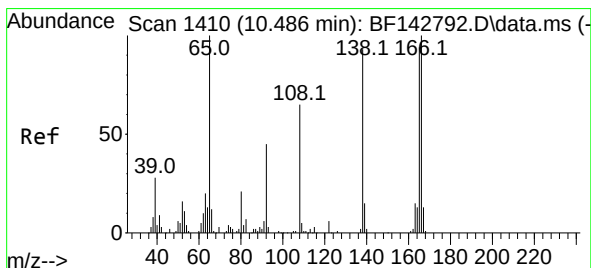
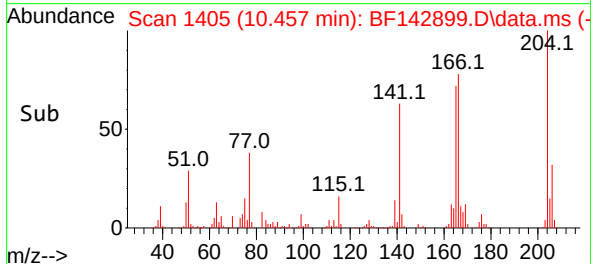
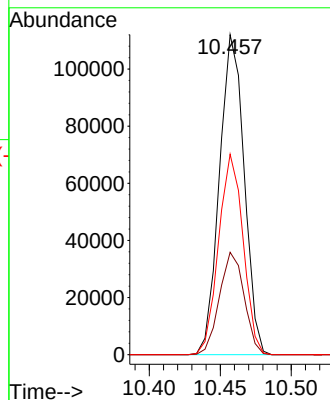
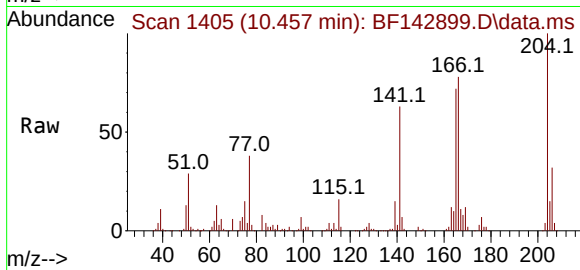




#61
4-Chlorophenyl-phenylether
Concen: 43.245 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

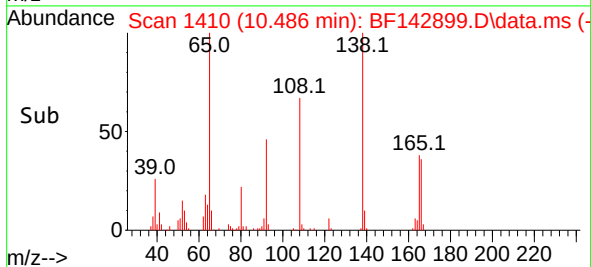
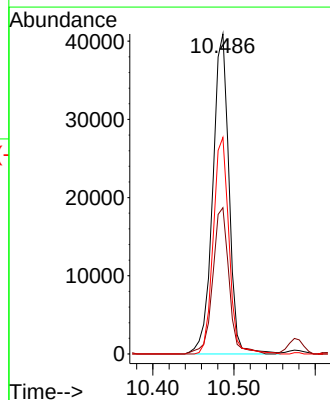
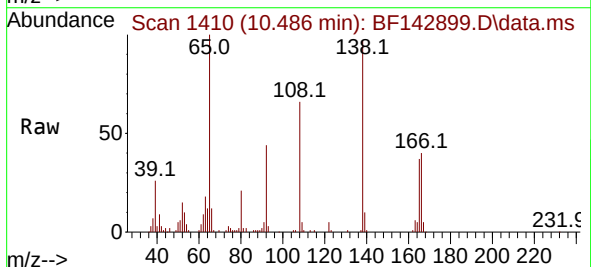
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

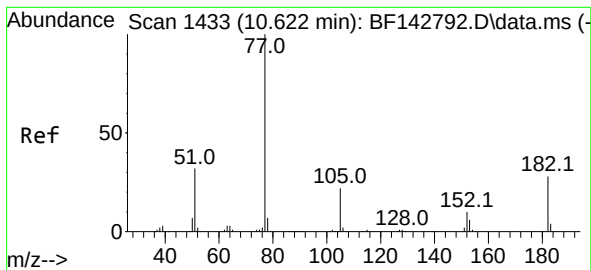
Tgt Ion:204 Resp: 135704
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 62.7 49.1 73.7



#62
4-Nitroaniline
Concen: 40.314 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:138 Resp: 56912
Ion Ratio Lower Upper
138 100
92 45.7 28.4 68.4
108 67.7 50.2 90.2

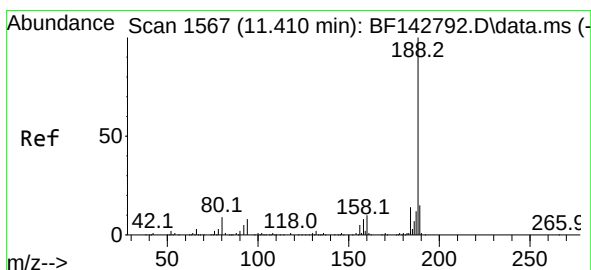
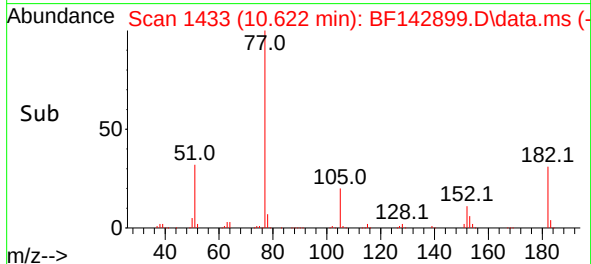
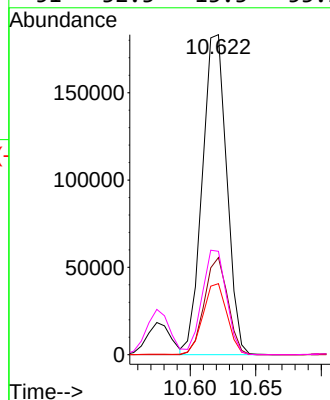
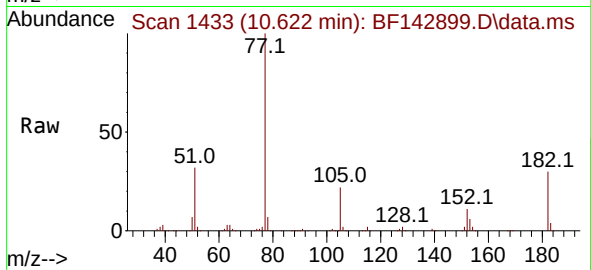




#63
Azobenzene
Concen: 42.519 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

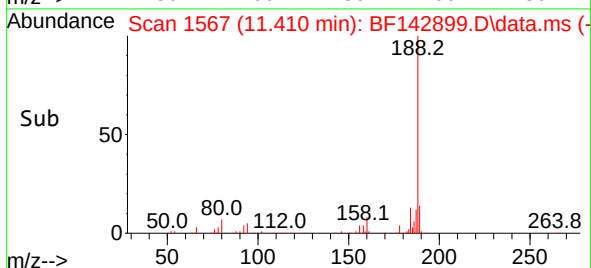
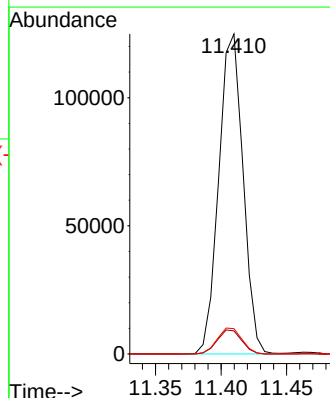
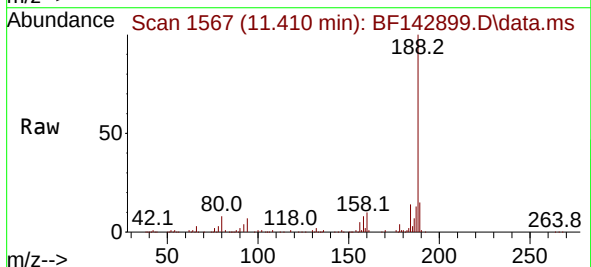
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

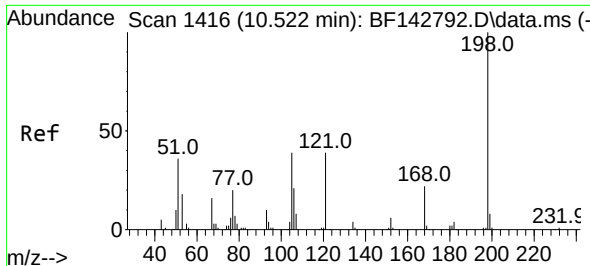
Tgt Ion: 77	Resp: 237867
Ion Ratio	Lower Upper
77 100	
182 30.3	7.7 47.7
105 22.2	1.9 41.9
51 32.3	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:188	Resp: 160630
Ion Ratio	Lower Upper
188 100	
94 7.2	6.7 10.1
80 7.9	6.9 10.3

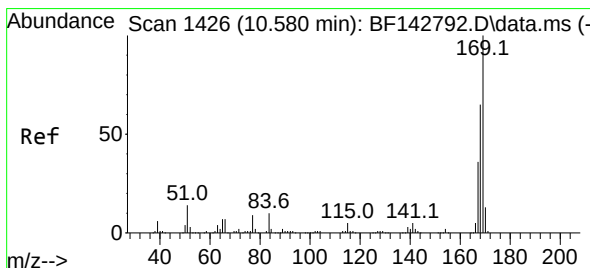
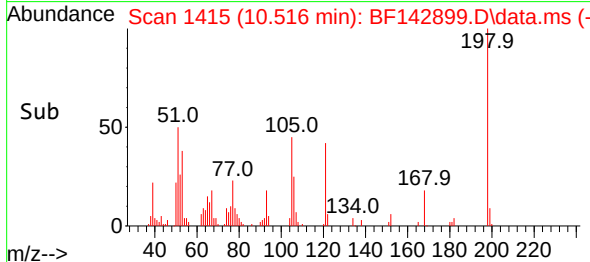
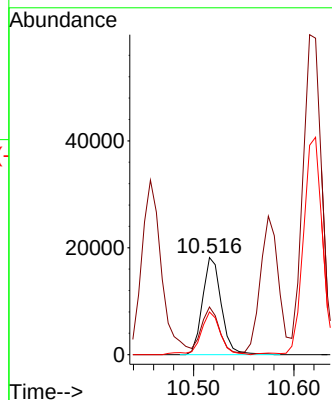
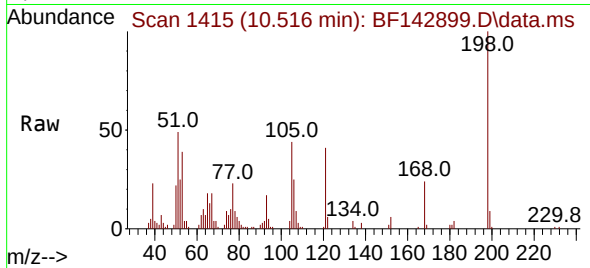




#65
4,6-Dinitro-2-methylphenol
Concen: 24.463 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

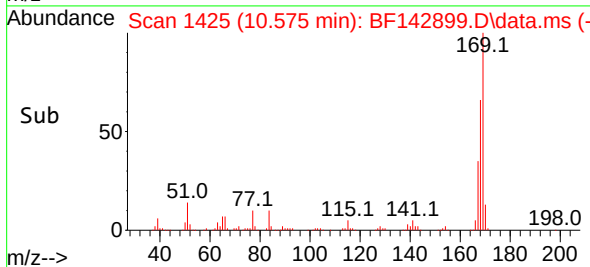
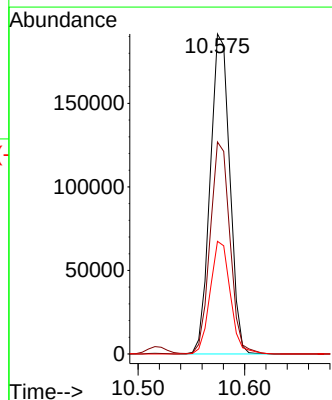
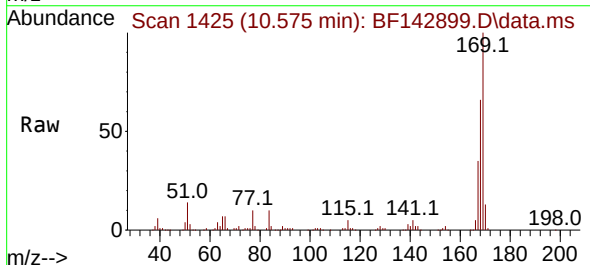
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

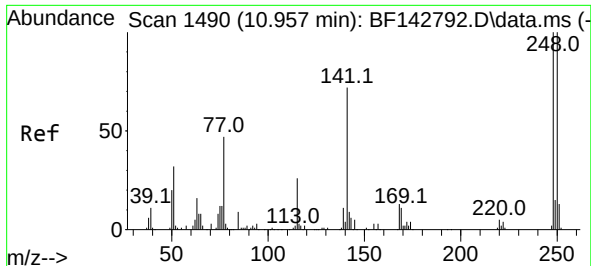
Tgt Ion:198 Resp: 23768
Ion Ratio Lower Upper
198 100
51 49.1 25.4 65.4
105 44.0 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 43.855 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:169 Resp: 244145
Ion Ratio Lower Upper
169 100
168 66.3 51.9 77.9
167 35.2 28.5 42.7

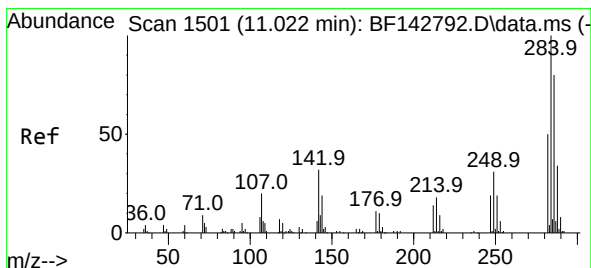
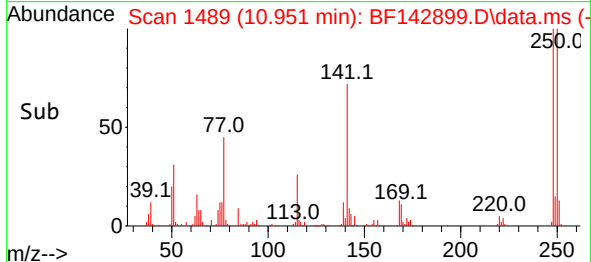
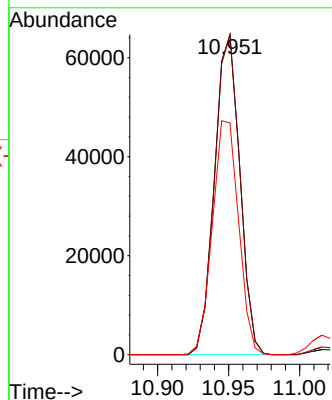
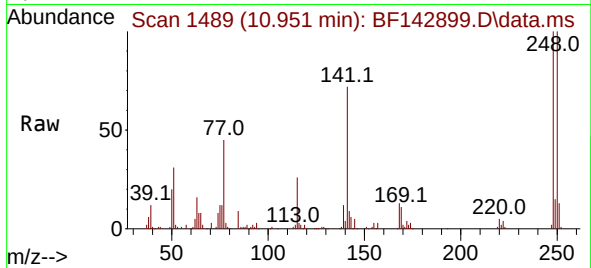




#67
4-Bromophenyl-phenylether
Concen: 43.922 ng
RT: 10.951 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

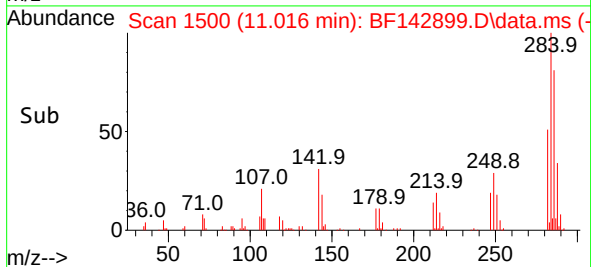
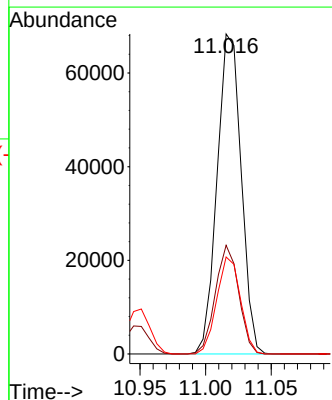
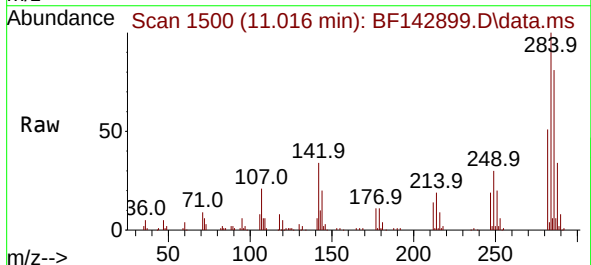
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

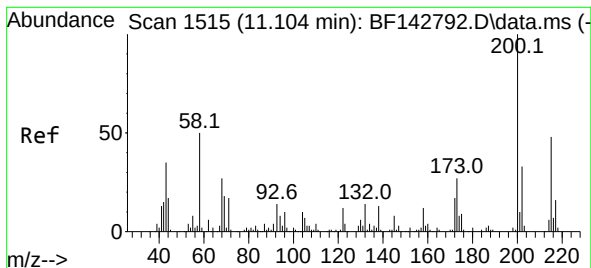
Tgt Ion:248 Resp: 80295
Ion Ratio Lower Upper
248 100
250 100.0 79.8 119.8
141 72.4 57.8 86.6



#68
Hexachlorobenzene
Concen: 42.924 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:284 Resp: 87194
Ion Ratio Lower Upper
284 100
142 33.9 25.5 38.3
249 30.3 24.9 37.3





#69

Atrazine

Concen: 53.031 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142899.D

Acq: 27 Jun 2025 18:10

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

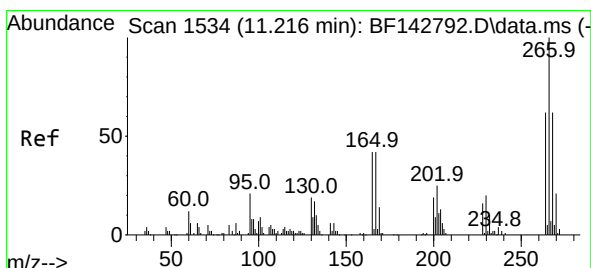
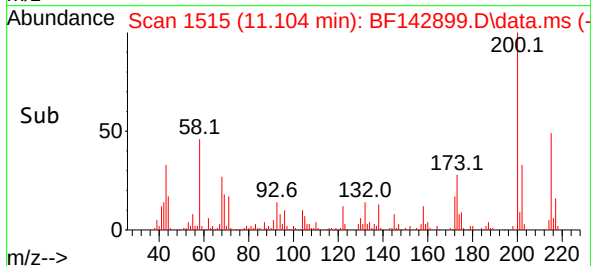
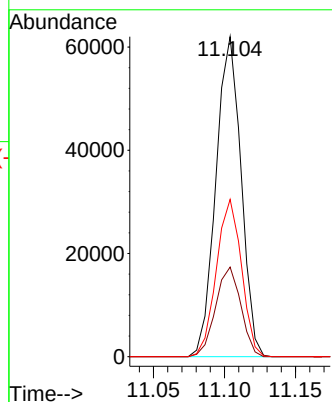
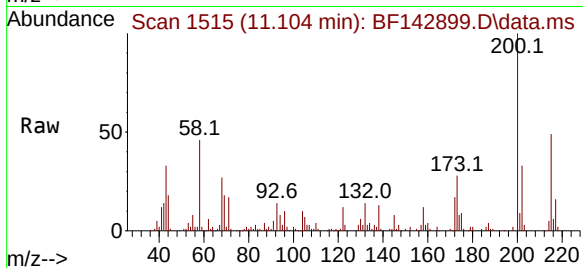
Tgt Ion:200 Resp: 76236

Ion Ratio Lower Upper

200 100

173 28.0 7.4 47.4

215 49.2 28.4 68.4



#70

Pentachlorophenol

Concen: 88.570 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142899.D

Acq: 27 Jun 2025 18:10

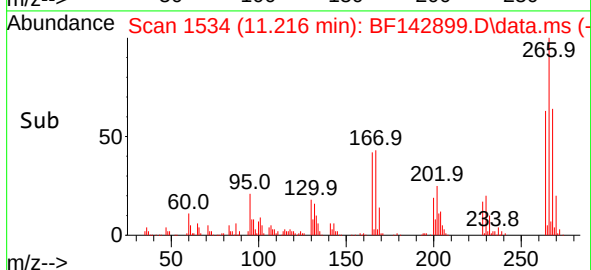
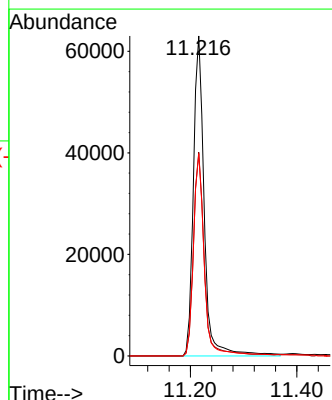
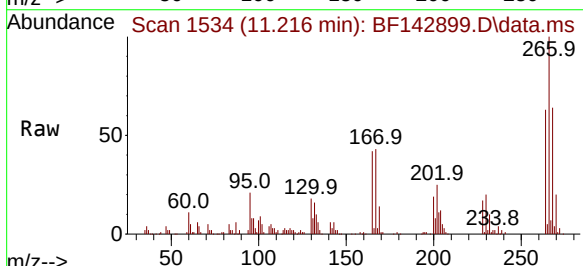
Tgt Ion:266 Resp: 89652

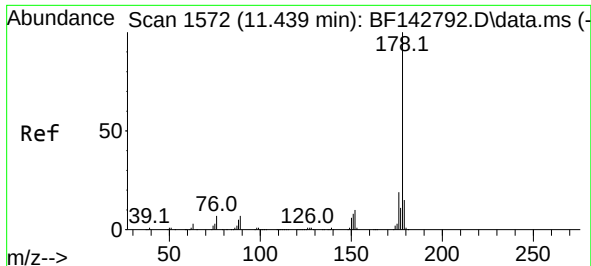
Ion Ratio Lower Upper

266 100

268 63.7 49.8 74.8

264 63.2 49.9 74.9

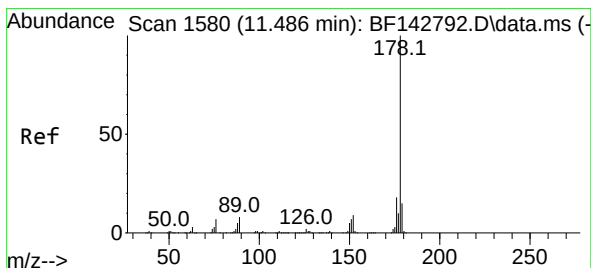
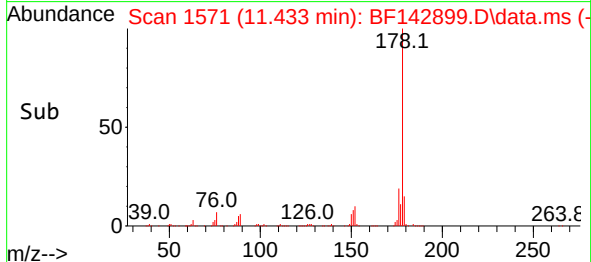
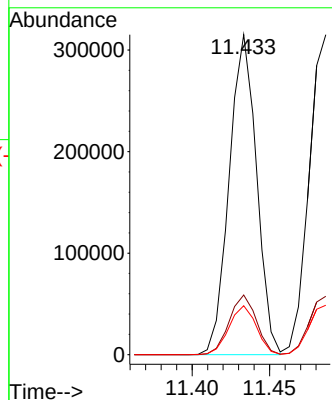
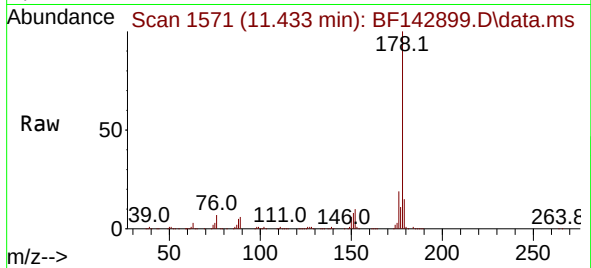




#71
Phenanthrene
Concen: 44.436 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

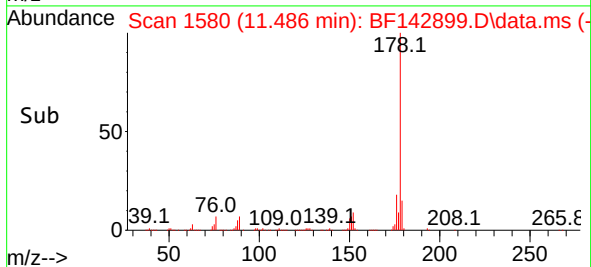
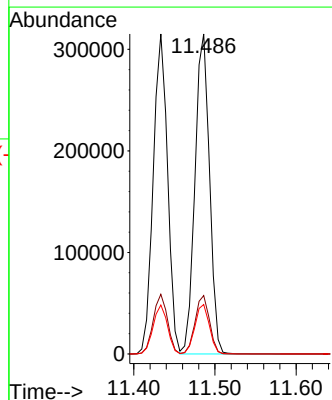
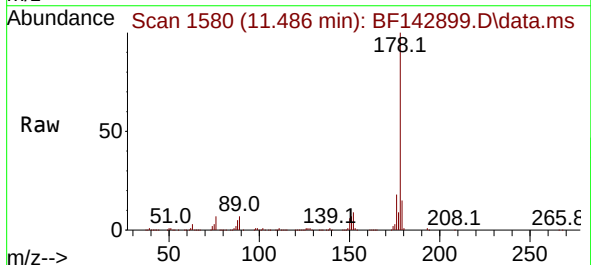
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

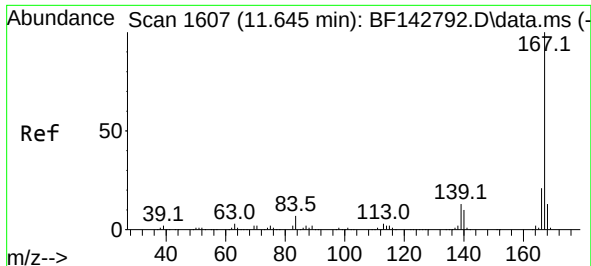
Tgt Ion:178 Resp: 386655
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.3 12.0 18.0



#72
Anthracene
Concen: 43.994 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:178 Resp: 392598
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.5 12.4 18.6

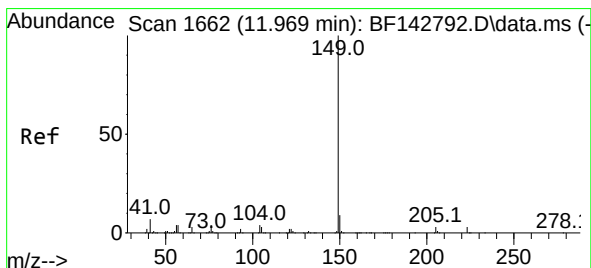
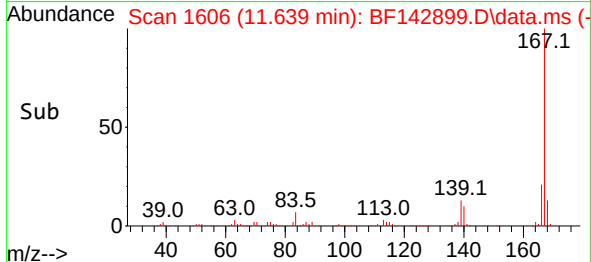
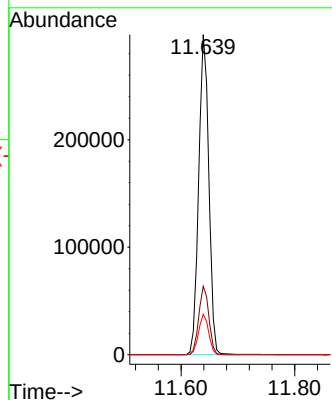
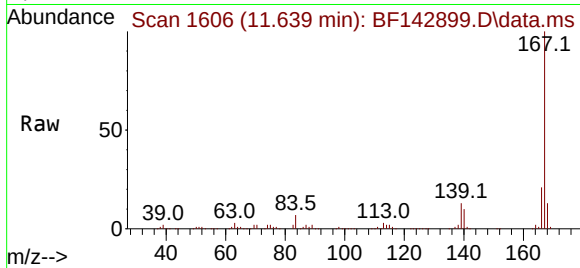




#73
 Carbazole
 Concen: 48.138 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142899.D
 Acq: 27 Jun 2025 18:10

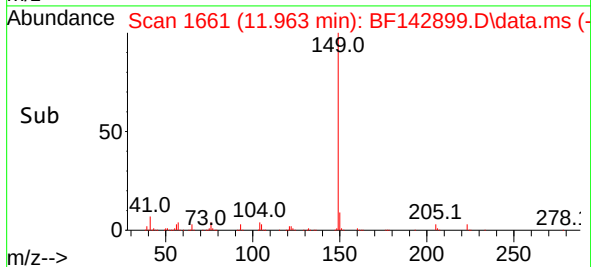
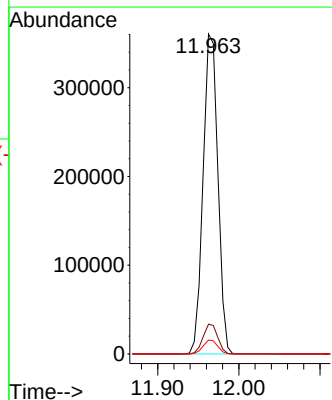
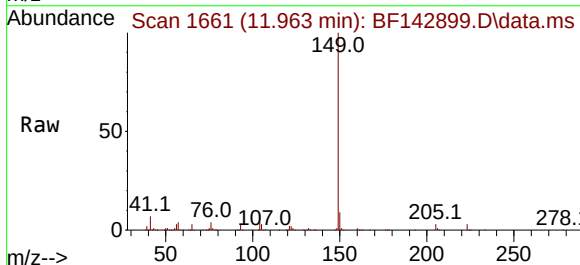
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

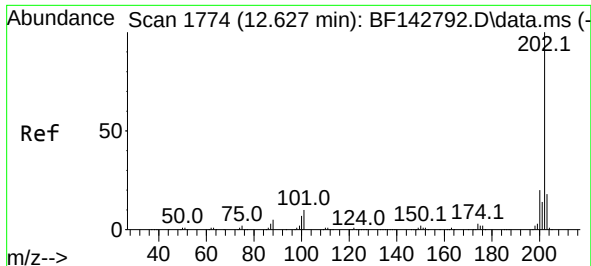
Tgt Ion:167 Resp: 370716
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 12.7 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 56.810 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF142899.D
 Acq: 27 Jun 2025 18:10

Tgt Ion:149 Resp: 455760
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.3 3.5 5.3

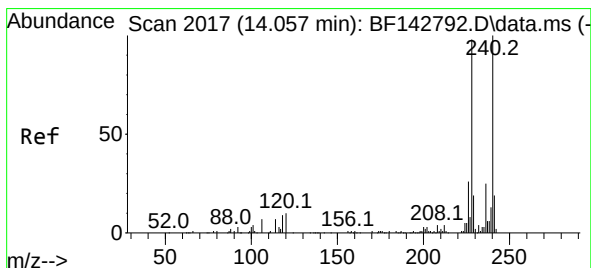
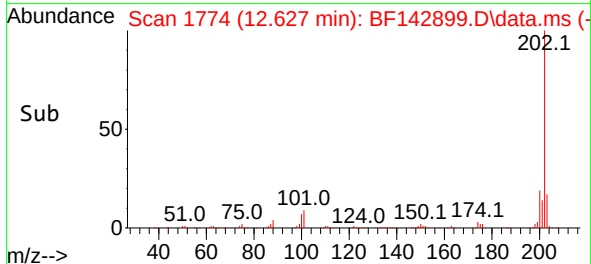
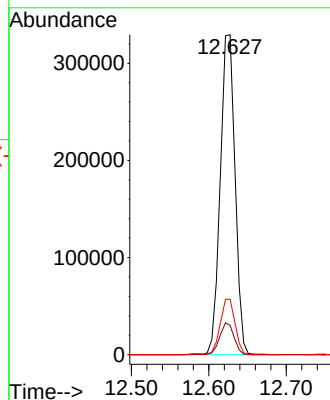
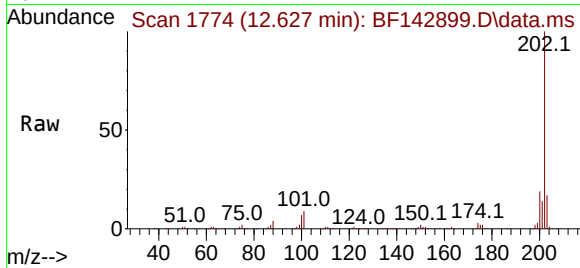




#75
Fluoranthene
Concen: 53.065 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

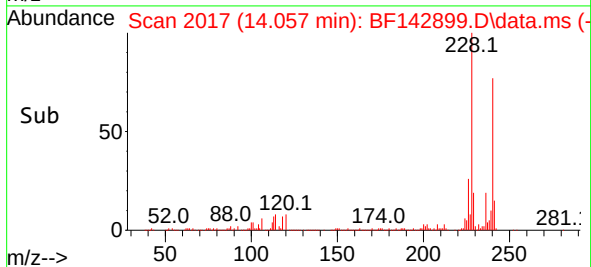
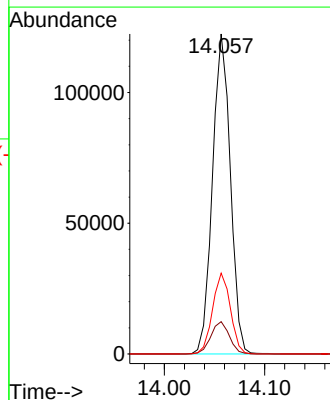
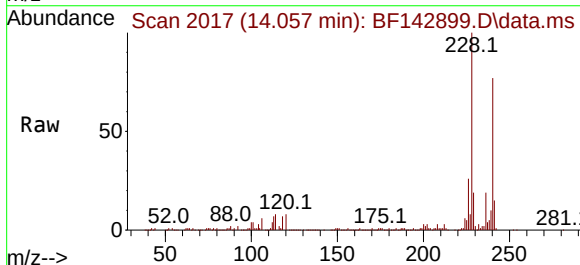
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

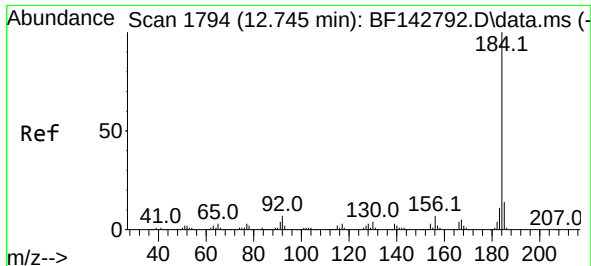
Tgt Ion:202 Resp: 438210
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.7
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:240 Resp: 151643
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.2
236 25.2 19.8 29.8

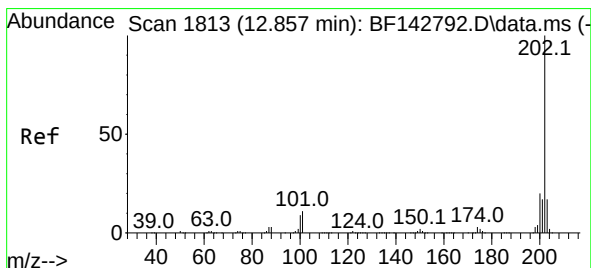
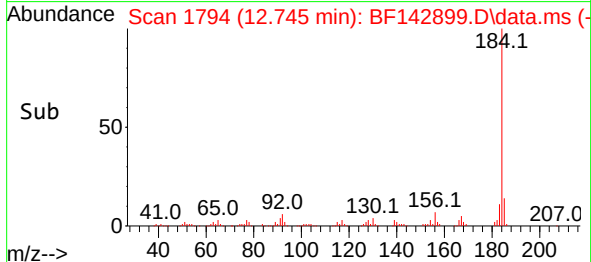
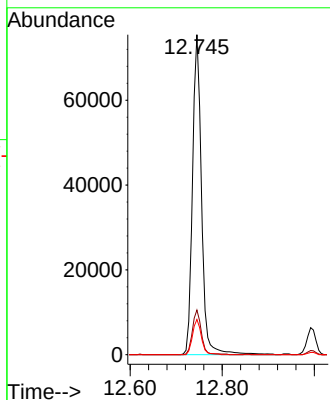
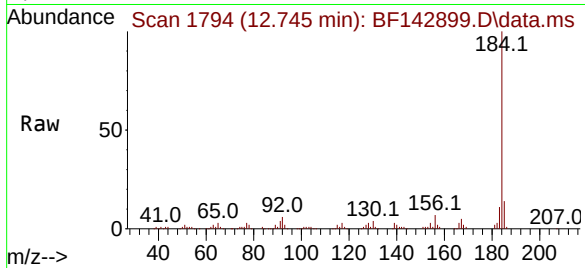




#77
Benzidine
Concen: 18.032 ng
RT: 12.745 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

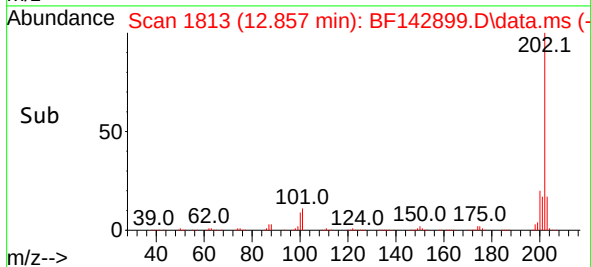
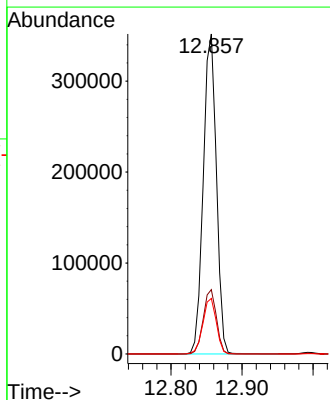
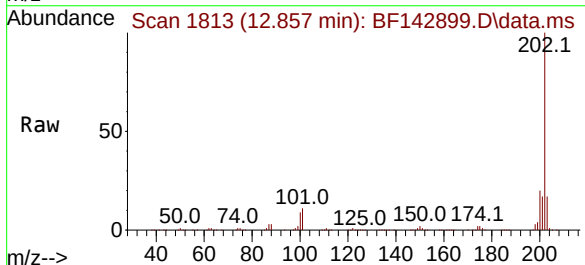
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

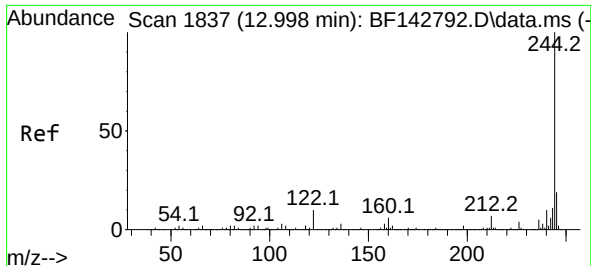
Tgt Ion:184 Resp: 102735
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 11.0 9.0 13.4



#78
Pyrene
Concen: 31.890 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:202 Resp: 453287
Ion Ratio Lower Upper
202 100
200 20.1 15.7 23.5
203 17.4 13.8 20.6

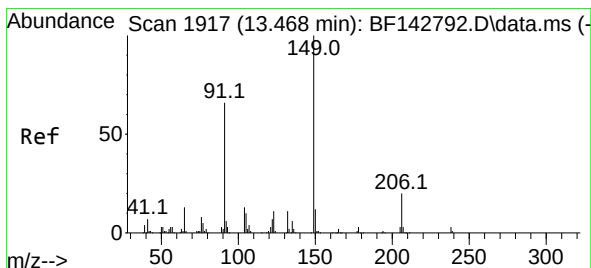
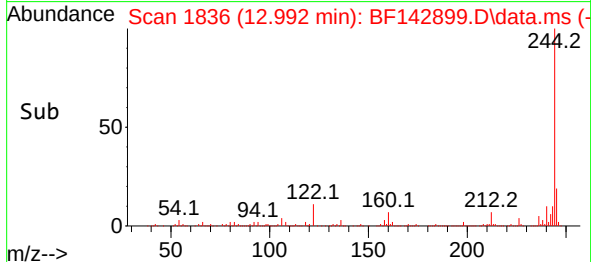
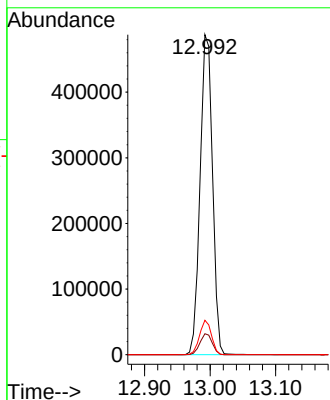
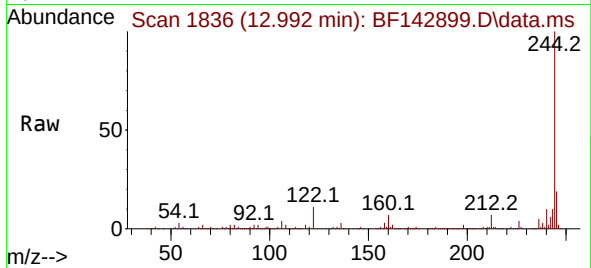




#79
 Terphenyl-d14
 Concen: 58.643 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142899.D
 Acq: 27 Jun 2025 18:10

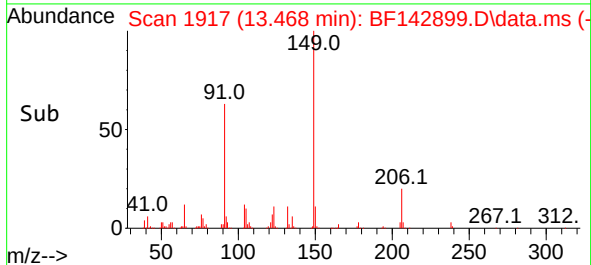
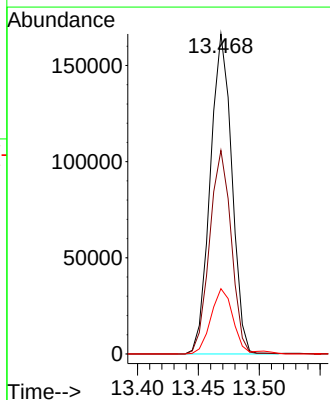
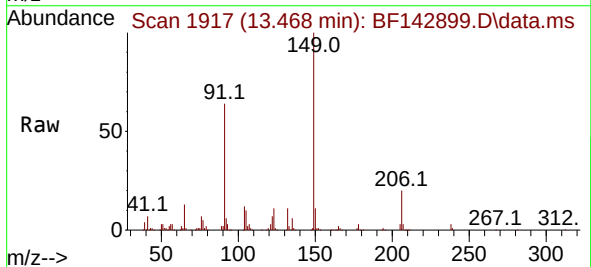
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

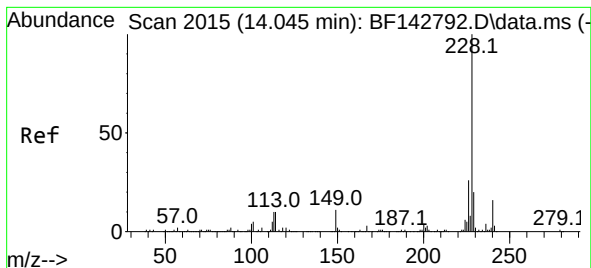
Tgt Ion:244 Resp: 643612
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.7 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 49.769 ng
 RT: 13.468 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF142899.D
 Acq: 27 Jun 2025 18:10

Tgt Ion:149 Resp: 205206
 Ion Ratio Lower Upper
 149 100
 91 63.6 52.9 79.3
 206 20.4 16.3 24.5





#81

Benzo(a)anthracene

Concen: 43.636 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF142899.D

Acq: 27 Jun 2025 18:10

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

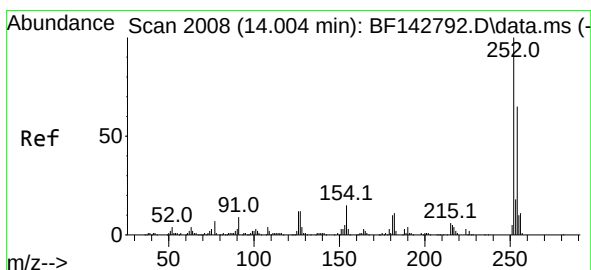
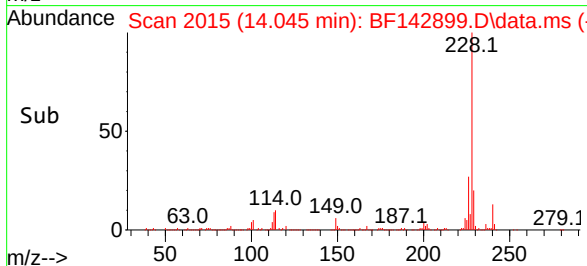
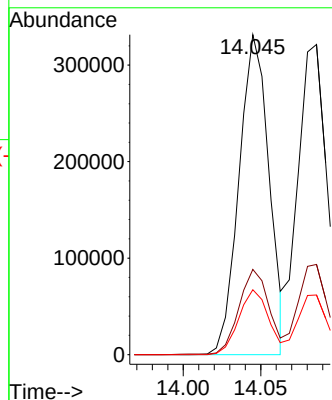
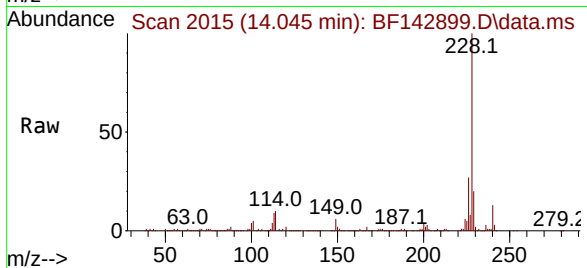
Tgt Ion:228 Resp: 446392

Ion Ratio Lower Upper

228 100

226 26.7 21.2 31.8

229 20.3 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 15.375 ng

RT: 14.004 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF142899.D

Acq: 27 Jun 2025 18:10

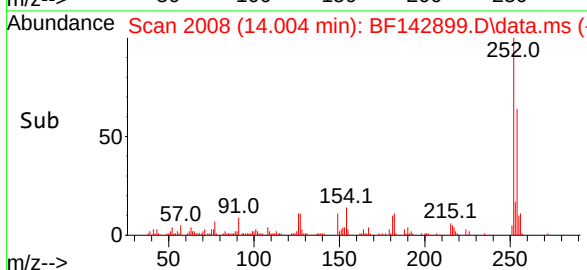
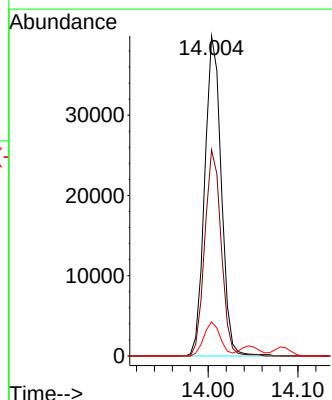
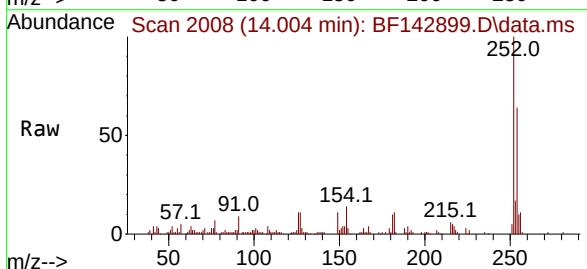
Tgt Ion:252 Resp: 51016

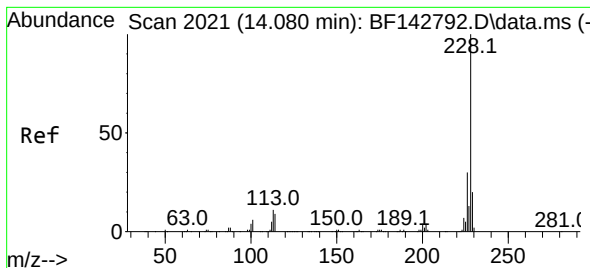
Ion Ratio Lower Upper

252 100

254 64.4 51.7 77.5

126 10.7 9.4 14.2





#83

Chrysene

Concen: 46.041 ng

RT: 14.086 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF142899.D

Acq: 27 Jun 2025 18:10

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

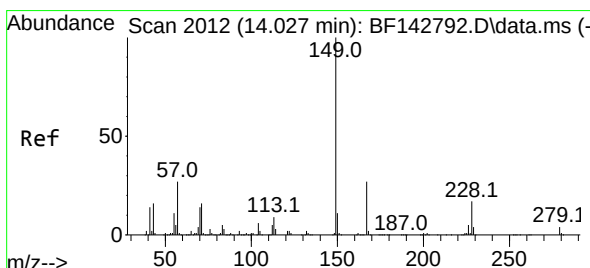
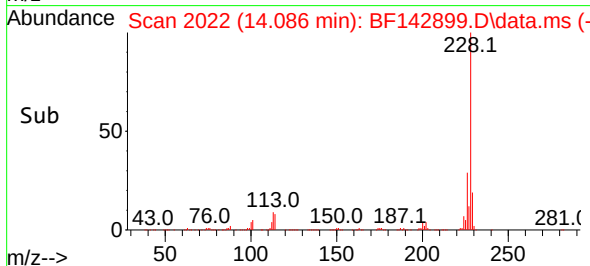
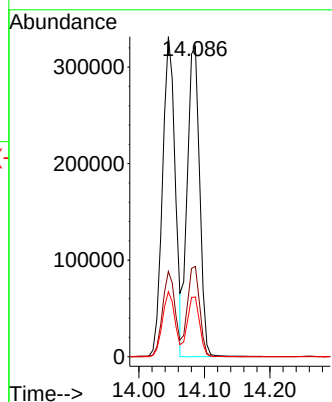
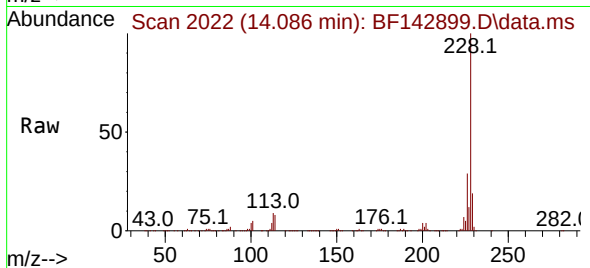
Tgt Ion:228 Resp: 420280

Ion Ratio Lower Upper

228 100

226 29.1 23.7 35.5

229 19.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.682 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142899.D

Acq: 27 Jun 2025 18:10

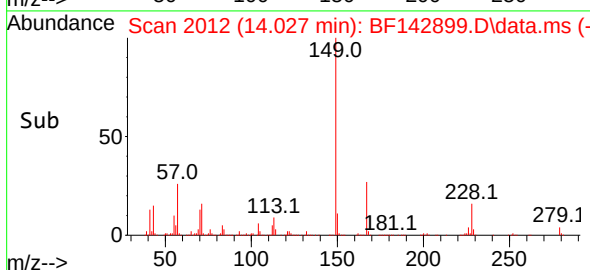
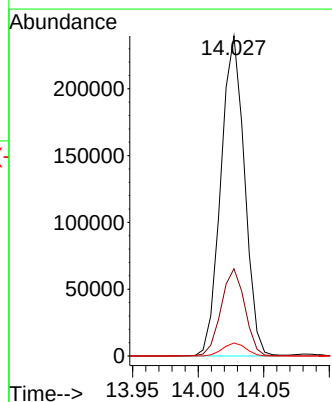
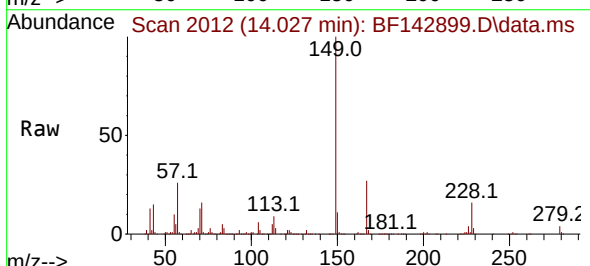
Tgt Ion:149 Resp: 300659

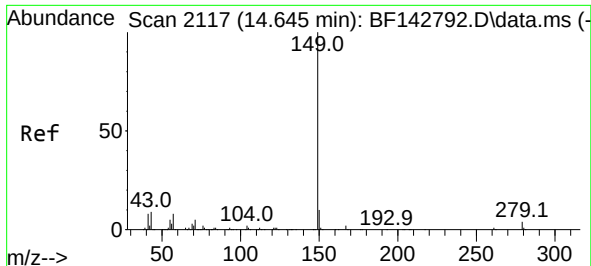
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.0 3.0 4.6

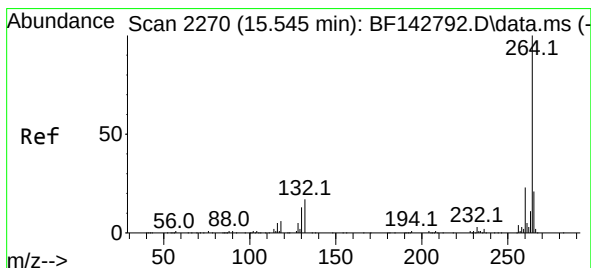
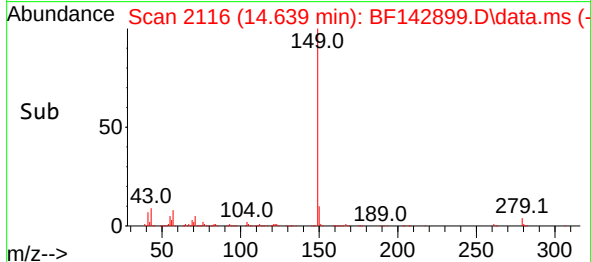
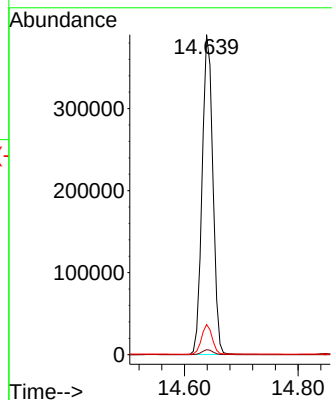
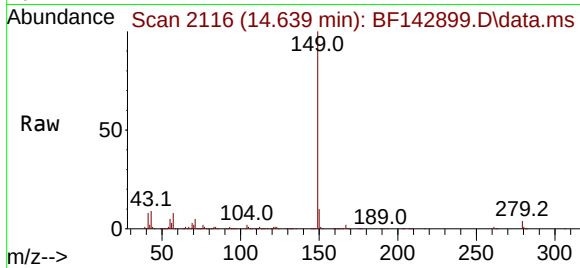




#85
Di-n-octyl phthalate
Concen: 45.803 ng
RT: 14.639 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

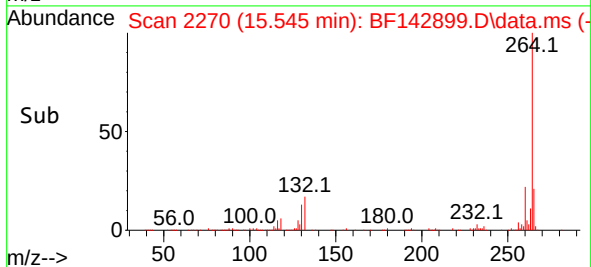
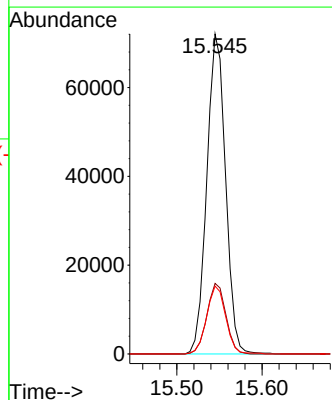
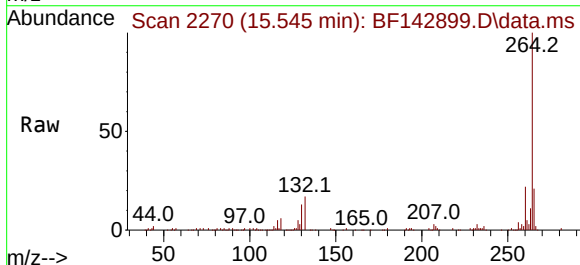
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

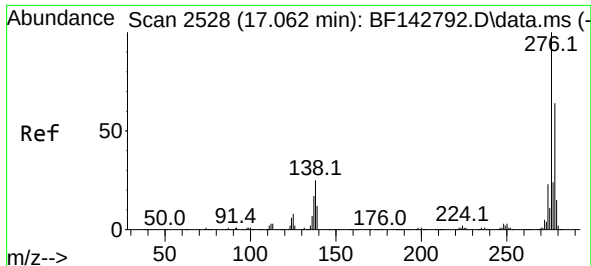
Tgt Ion:149 Resp: 512358
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:264 Resp: 109991
Ion Ratio Lower Upper
264 100
260 22.1 18.1 27.1
265 21.2 16.6 25.0

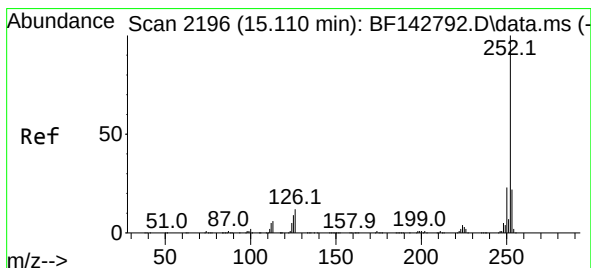
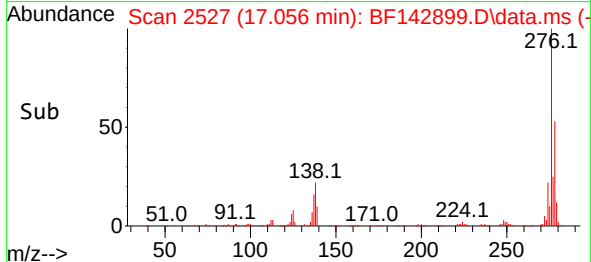
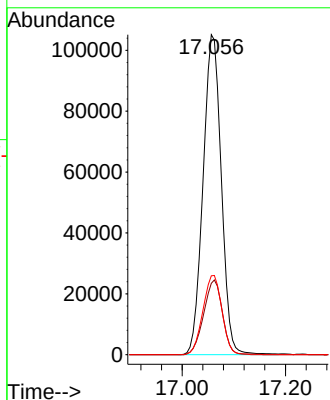
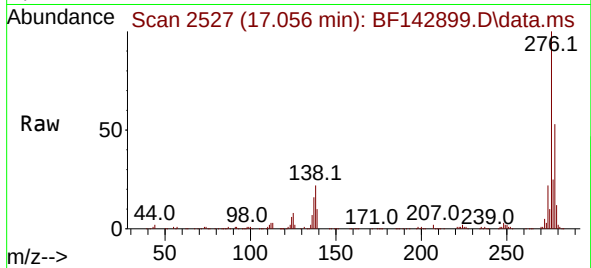




#87
Indeno(1,2,3-cd)pyrene
Concen: 30.728 ng
RT: 17.056 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

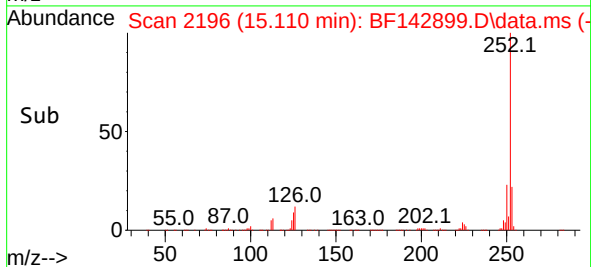
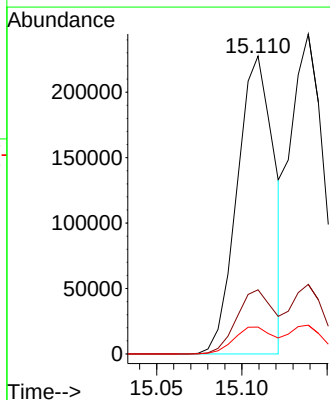
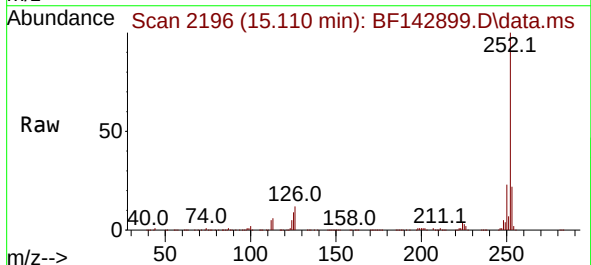
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

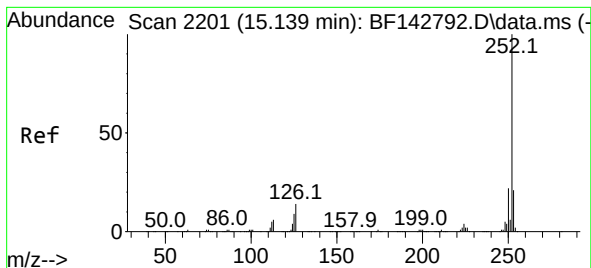
Tgt Ion:276 Resp: 257438
Ion Ratio Lower Upper
276 100
138 24.1 20.2 30.4
277 25.7 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 53.743 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:252 Resp: 342049
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.0 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 55.914 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF142899.D

Acq: 27 Jun 2025 18:10

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

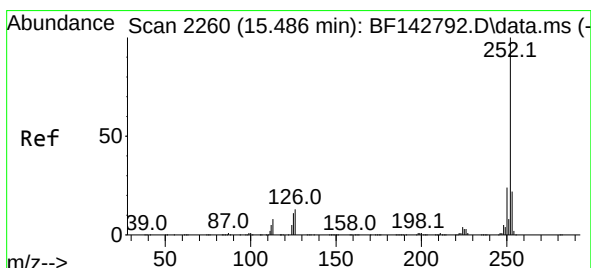
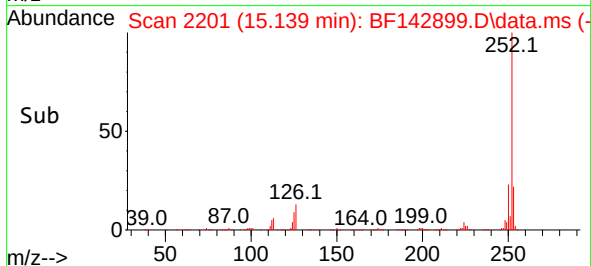
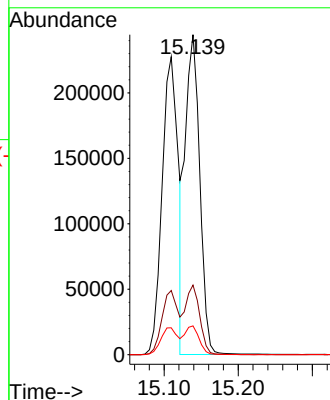
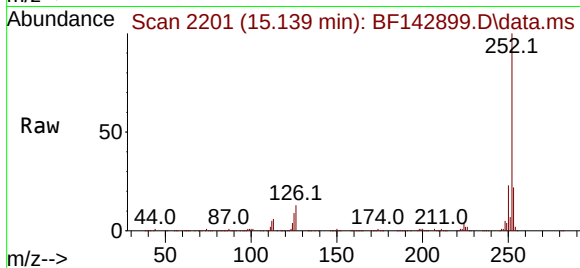
Tgt Ion:252 Resp: 332942

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.0 7.4 11.2



#90

Benzo(a)pyrene

Concen: 46.393 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142899.D

Acq: 27 Jun 2025 18:10

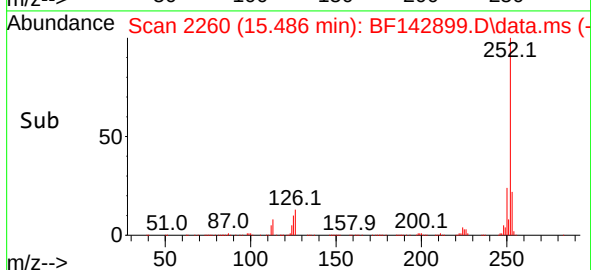
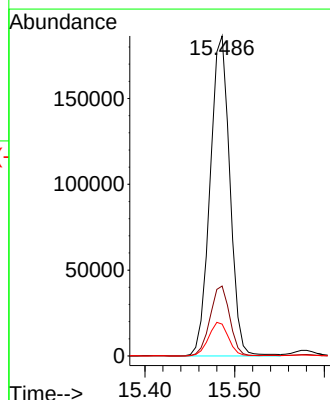
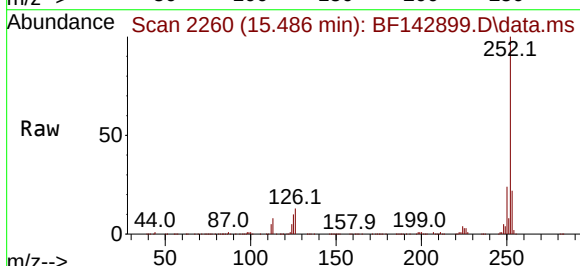
Tgt Ion:252 Resp: 285250

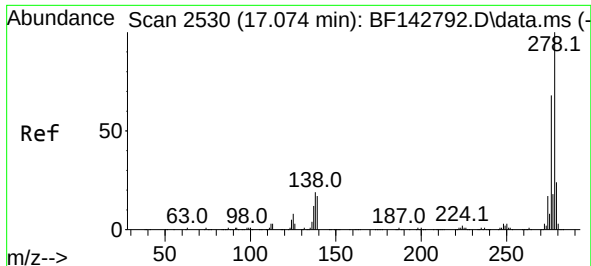
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.0 8.6 12.8

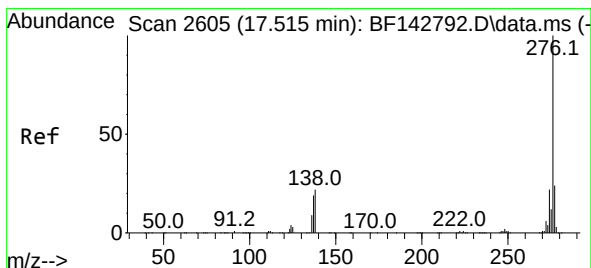
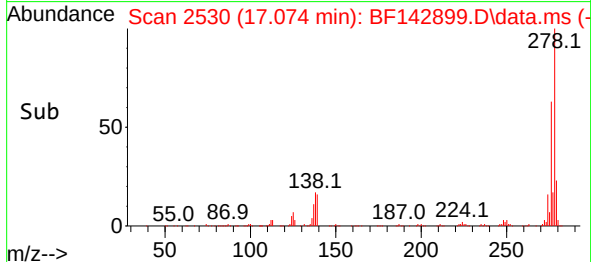
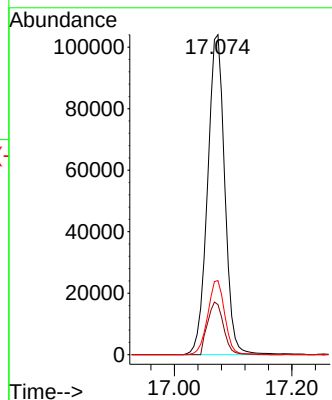
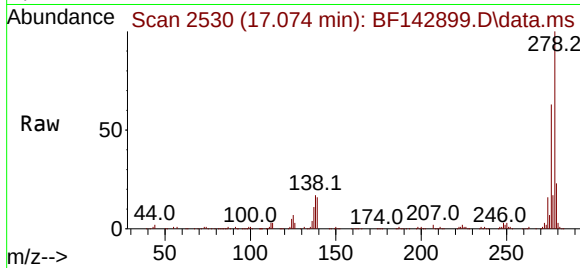




#91
Dibenzo(a,h)anthracene
Concen: 30.969 ng
RT: 17.074 min Scan# 210813
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:278 Resp: 210813
Ion Ratio Lower Upper
278 100
139 15.7 13.5 20.3
279 23.1 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 30.021 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF142899.D
Acq: 27 Jun 2025 18:10

Tgt Ion:276 Resp: 203776
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 20.3 17.6 26.4

