

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
 Data File : BF143032.D
 Acq On : 08 Jul 2025 14:32
 Operator : RC/JU
 Sample : Q2514-08MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-78MS

Quant Time: Jul 08 14:55:15 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	6.875	152	50264	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	189189	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	92887	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	136328	20.000	ng	0.00
76) Chrysene-d12	14.057	240	97647	20.000	ng	0.00
86) Perylene-d12	15.551	264	121597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	229680	76.078	ng	0.00
7) Phenol-d6	6.510	99	271395	76.195	ng	0.00
23) Nitrobenzene-d5	7.440	82	165688	48.037	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	64984	67.984	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	343655	48.602	ng	-0.01
79) Terphenyl-d14	12.992	244	253616	35.887	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.658	88	42976	35.590	ng	99
3) Pyridine	3.428	79	116438	38.464	ng	98
4) n-Nitrosodimethylamine	3.375	42	66717	42.619	ng	99
6) Aniline	6.534	93	179264	37.825	ng	# 79
8) 2-Chlorophenol	6.663	128	149463	45.895	ng	97
9) Benzaldehyde	6.428	77	101107	47.846	ng	99
10) Phenol	6.522	94	175999	44.453	ng	91
11) bis(2-Chloroethyl)ether	6.604	93	130834	46.236	ng	97
12) 1,3-Dichlorobenzene	6.816	146	165993	45.575	ng	98
13) 1,4-Dichlorobenzene	6.893	146	165127	44.937	ng	99
14) 1,2-Dichlorobenzene	7.046	146	159276	45.698	ng	99
15) Benzyl Alcohol	7.016	79	119258	46.315	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.146	45	192861	42.421	ng	82
17) 2-Methylphenol	7.134	107	112586	45.620	ng	97
18) Hexachloroethane	7.387	117	58262	45.330	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	95192	45.952	ng	97
20) 3+4-Methylphenols	7.287	107	144372	46.919	ng	94
22) Acetophenone	7.281	105	197743	47.398	ng	100
24) Nitrobenzene	7.457	77	141387	45.290	ng	97
25) Isophorone	7.698	82	249559	45.104	ng	100
26) 2-Nitrophenol	7.775	139	80587	47.388	ng	99
27) 2,4-Dimethylphenol	7.810	122	127909	43.422	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	161967	46.045	ng	99
29) 2,4-Dichlorophenol	8.022	162	121873	45.629	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	135810	46.241	ng	99
31) Naphthalene	8.181	128	424217	45.809	ng	100
32) Benzoic acid	7.928	122	9682	6.449	ng	94
33) 4-Chloroaniline	8.228	127	125627	33.363	ng	99
34) Hexachlorobutadiene	8.293	225	83987	46.750	ng	99
35) Caprolactam	8.592	113	25548	36.249	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	116125	43.747	ng	99
37) 2-Methylnaphthalene	8.875	142	260944	45.451	ng	100
38) 1-Methylnaphthalene	8.975	142	270353	45.490	ng	100
40) 1,2,4,5-Tetrachloroben...	9.040	216	135783	49.542	ng	99
41) Hexachlorocyclopentadiene	9.022	237	120264	77.323	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	78809	44.127	ng	100

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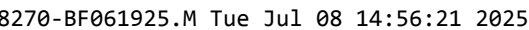
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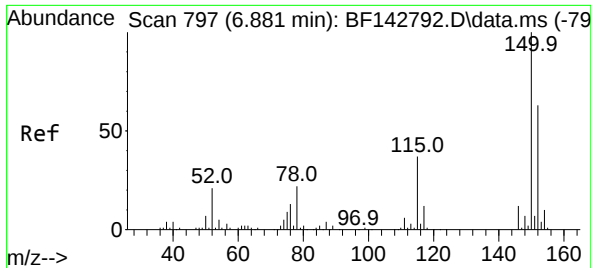
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	84304	44.842	ng	97
46) 1,1'-Biphenyl	9.334	154	355681	48.474	ng	99
47) 2-Chloronaphthalene	9.363	162	263826	47.913	ng	99
48) 2-Nitroaniline	9.463	65	72038	46.665	ng	95
49) Acenaphthylene	9.781	152	428870	47.313	ng	99
50) Dimethylphthalate	9.634	163	283559	47.161	ng	99
51) 2,6-Dinitrotoluene	9.704	165	61992	46.948	ng	96
52) Acenaphthene	9.951	154	242378	43.826	ng	100
53) 3-Nitroaniline	9.875	138	53645	36.900	ng	97
54) 2,4-Dinitrophenol	9.986	184	28030	42.395	ng	98
55) Dibenzofuran	10.122	168	370200	46.680	ng	99
56) 4-Nitrophenol	10.045	139	63033	63.332	ng	98
57) 2,4-Dinitrotoluene	10.110	165	79943	45.580	ng	96
58) Fluorene	10.469	166	287484	46.416	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	56637	37.374	ng	95
60) Diethylphthalate	10.334	149	275934	46.806	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	137990	46.689	ng	98
62) 4-Nitroaniline	10.486	138	57548	43.282	ng	98
63) Azobenzene	10.616	77	255869	48.562	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	28955	35.114	ng	98
66) n-Nitrosodiphenylamine	10.575	169	238497	50.478	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	79591	51.298	ng	96
68) Hexachlorobenzene	11.016	284	86383	50.106	ng	99
69) Atrazine	11.104	200	61204	50.163	ng	99
70) Pentachlorophenol	11.216	266	46634	54.284	ng	99
71) Phenanthrene	11.433	178	353850	47.915	ng	99
72) Anthracene	11.486	178	362667	47.884	ng	99
73) Carbazole	11.639	167	300163	45.925	ng	100
74) Di-n-butylphthalate	11.963	149	359829	52.847	ng	99
75) Fluoranthene	12.622	202	317461	45.296	ng	100
77) Benzidine	12.745	184	206056	56.166	ng	99
78) Pyrene	12.857	202	317116	34.647	ng	100
80) Butylbenzylphthalate	13.463	149	128249	48.305	ng	98
81) Benzo(a)anthracene	14.045	228	304878	46.282	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	79159	37.048	ng	98
83) Chrysene	14.086	228	290774	49.468	ng	100
84) Bis(2-ethylhexyl)phtha...	14.022	149	188029	49.223	ng	100
85) Di-n-octyl phthalate	14.639	149	360532	50.053	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	363735	39.272	ng	99
88) Benzo(b)fluoranthene	15.116	252	352967	50.165	ng	99
89) Benzo(k)fluoranthene	15.145	252	324249	49.257	ng	100
90) Benzo(a)pyrene	15.492	252	335231	49.318	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	292642	38.887	ng	99
92) Benzo(g,h,i)perylene	17.533	276	274419	36.569	ng	97

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

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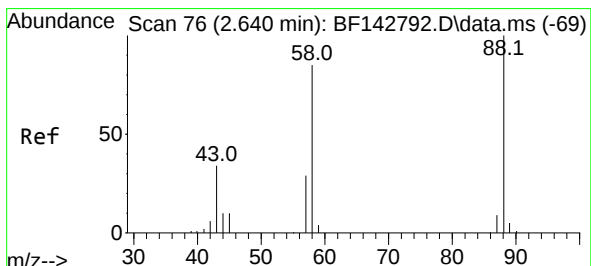
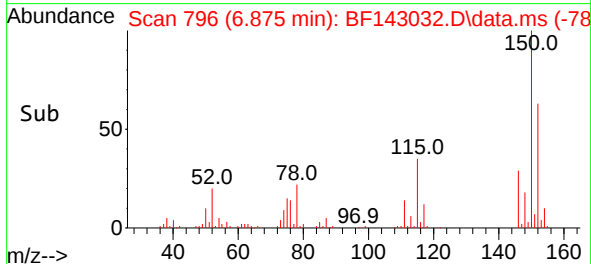
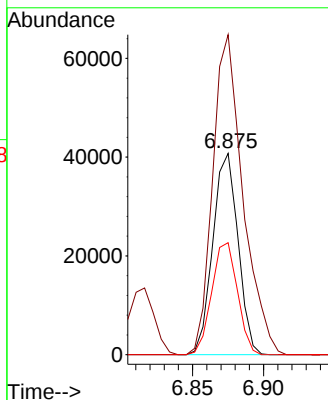
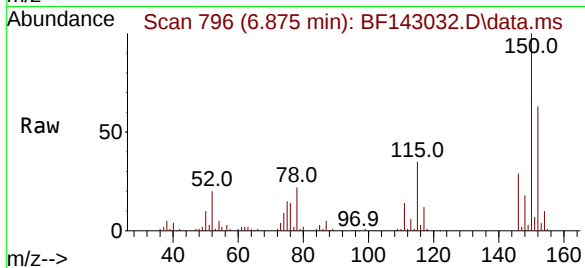




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF143032.D
 Acq: 08 Jul 2025 14:32

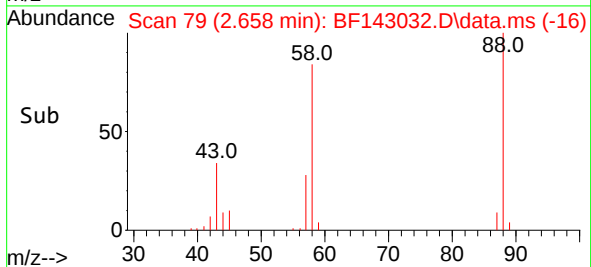
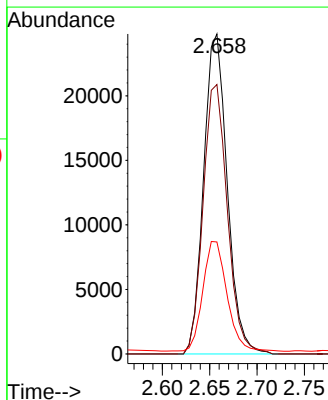
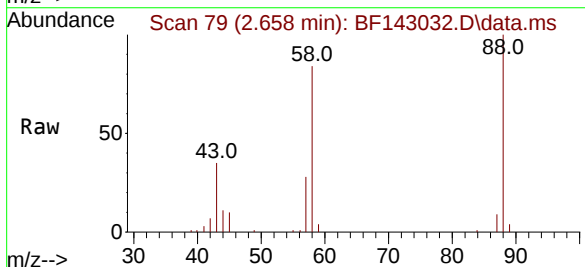
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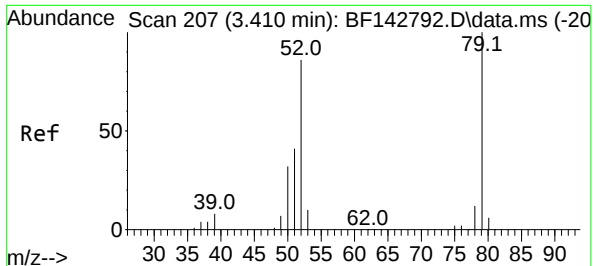
Tgt Ion:152 Resp: 50264
 Ion Ratio Lower Upper
 152 100
 150 159.0 127.2 190.8
 115 55.6 46.6 69.8



#2
 1,4-Dioxane
 Concen: 35.590 ng
 RT: 2.658 min Scan# 79
 Delta R.T. 0.018 min
 Lab File: BF143032.D
 Acq: 08 Jul 2025 14:32

Tgt Ion: 88 Resp: 42976
 Ion Ratio Lower Upper
 88 100
 58 86.8 69.1 103.7
 43 35.2 27.4 41.2

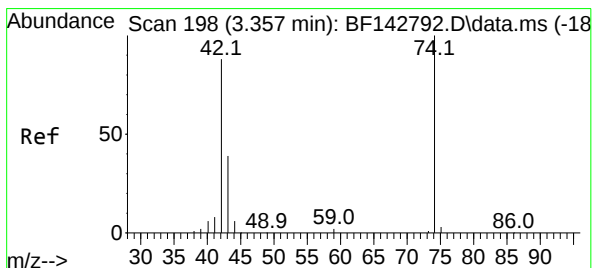
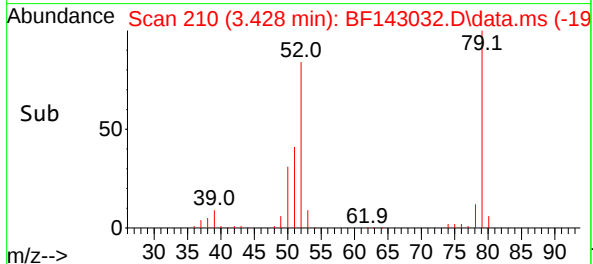
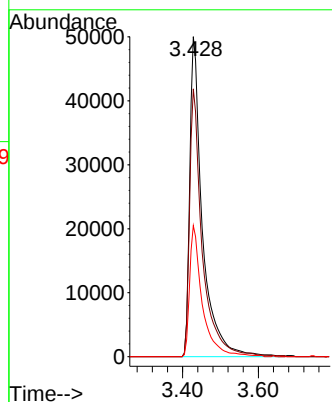
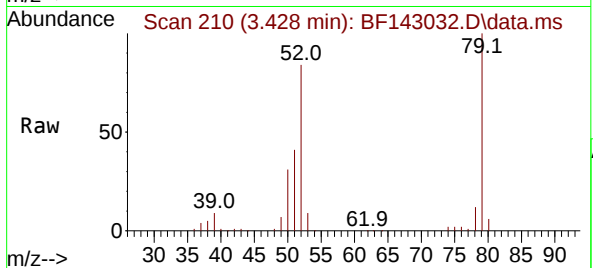




#3
Pyridine
Concen: 38.464 ng
RT: 3.428 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

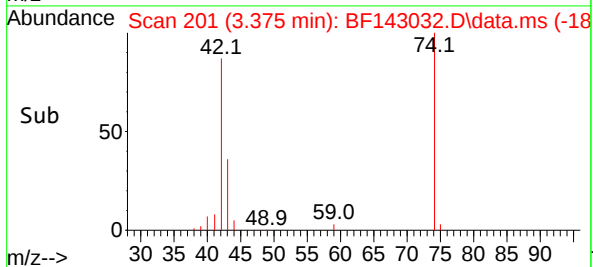
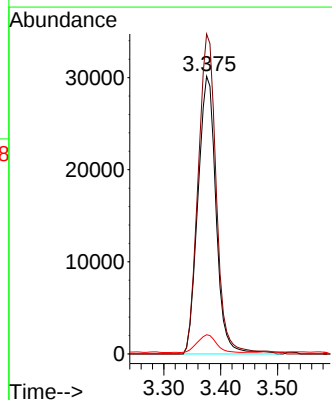
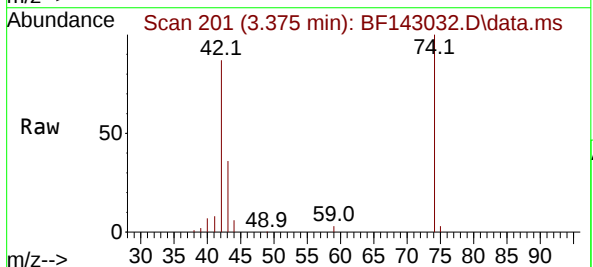
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ClientSampleId :
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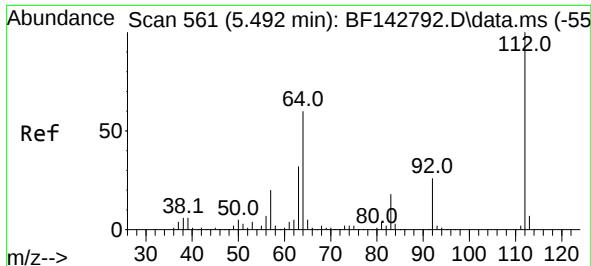
Tgt Ion: 79 Resp: 116438
Ion Ratio Lower Upper
79 100
52 83.7 69.2 103.8
51 40.9 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 42.619 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.018 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion: 42 Resp: 66717
Ion Ratio Lower Upper
42 100
74 115.2 90.9 136.3
44 6.9 5.8 8.6

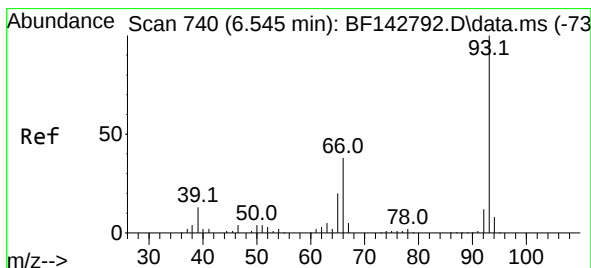
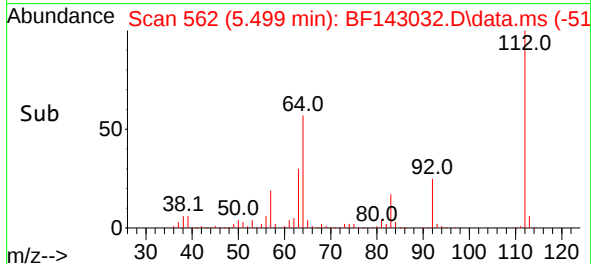
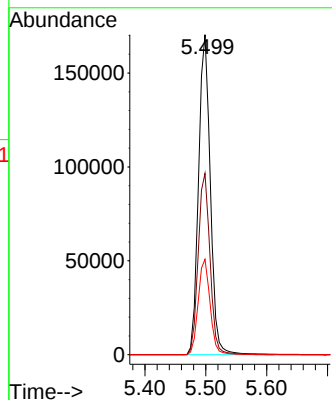
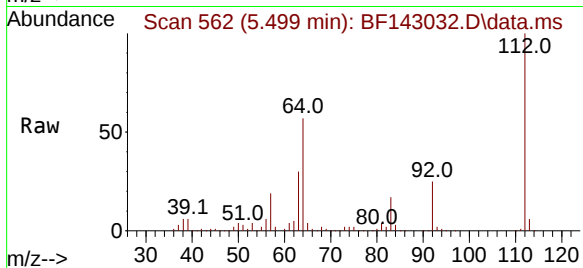




#5
2-Fluorophenol
Concen: 76.078 ng
RT: 5.499 min Scan# 501
Delta R.T. 0.007 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

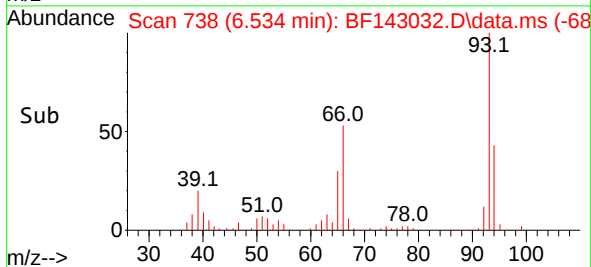
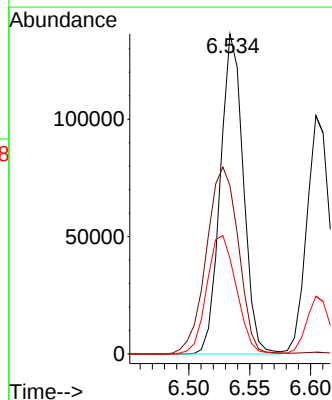
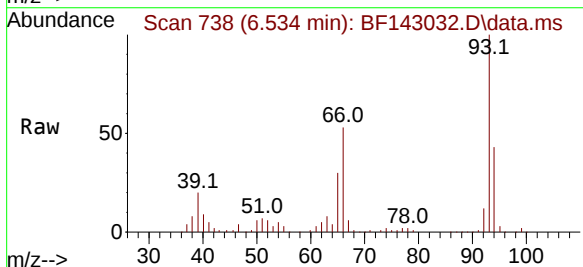
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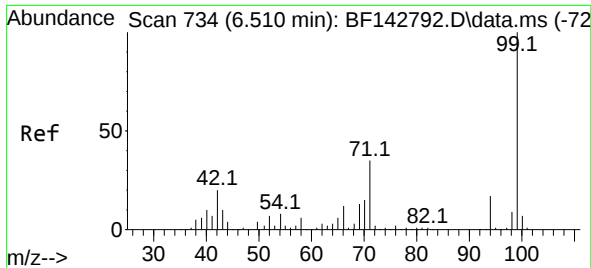
Tgt Ion:112 Resp: 229680
Ion Ratio Lower Upper
112 100
64 56.6 48.2 72.2
63 29.8 25.7 38.5



#6
Aniline
Concen: 37.825 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion: 93 Resp: 179264
Ion Ratio Lower Upper
93 100
66 52.6 31.8 47.6#
65 29.9 16.2 24.2#

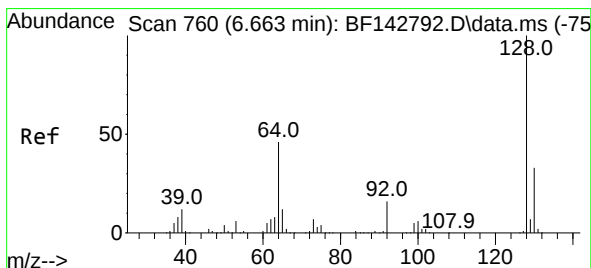
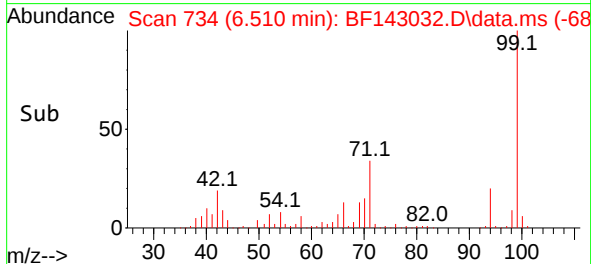
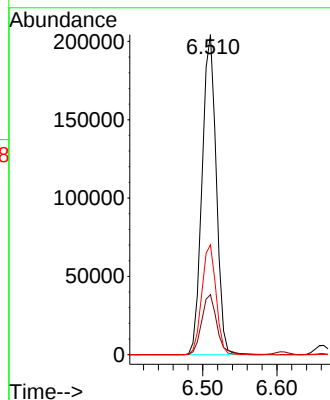
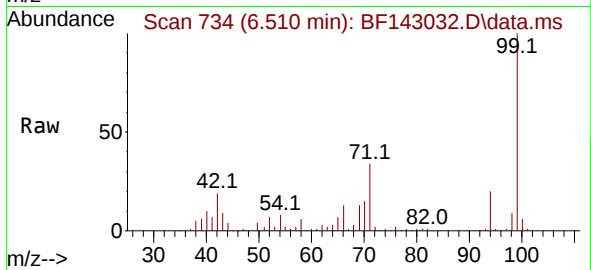




#7
Phenol-d6
Concen: 76.195 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

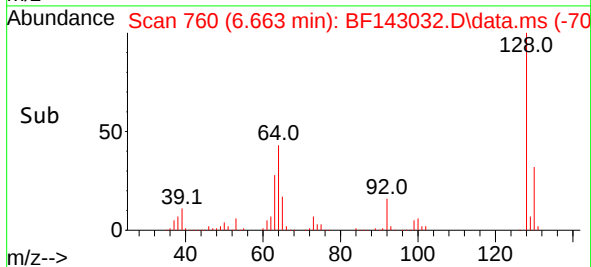
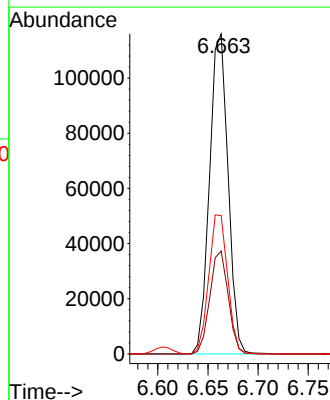
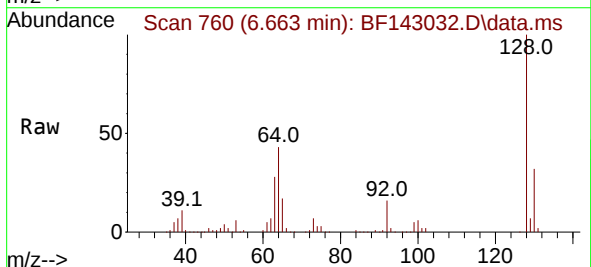
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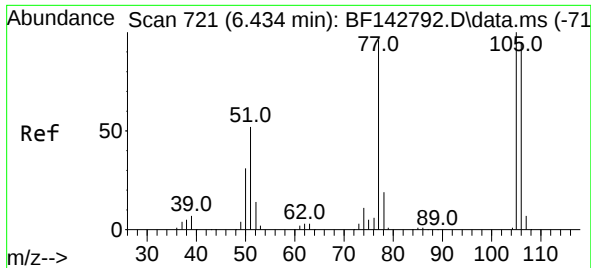
Tgt Ion: 99 Resp: 271395
Ion Ratio Lower Upper
99 100
42 18.8 15.9 23.9
71 34.4 27.8 41.8



#8
2-Chlorophenol
Concen: 45.895 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:128 Resp: 149463
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 43.2 26.5 66.5

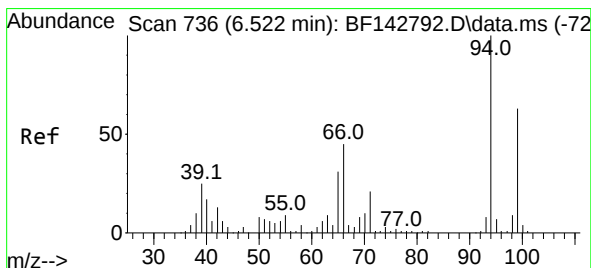
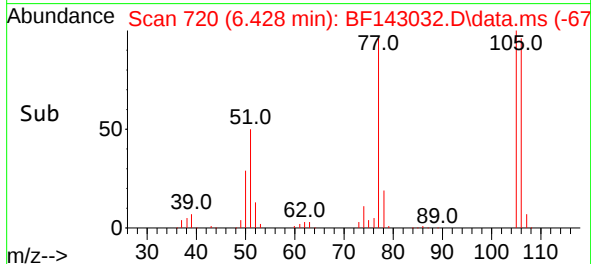
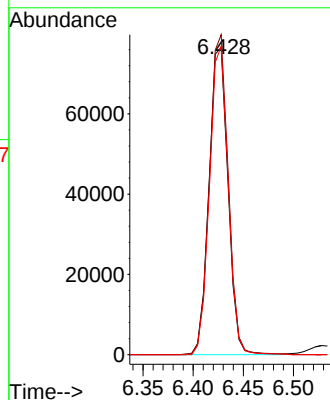
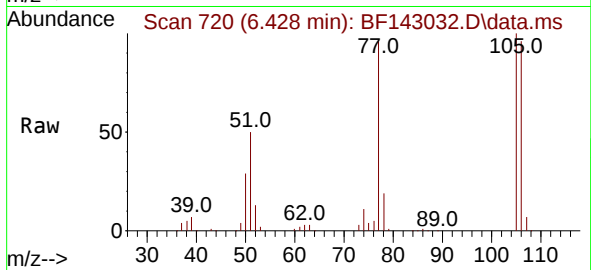




#9
Benzaldehyde
Concen: 47.846 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143032.D
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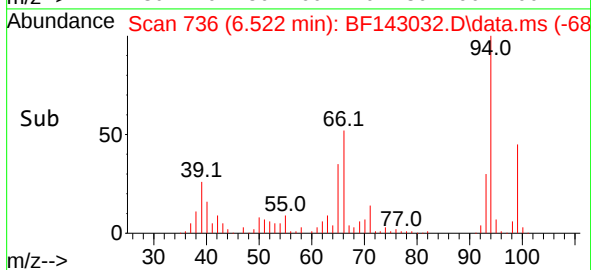
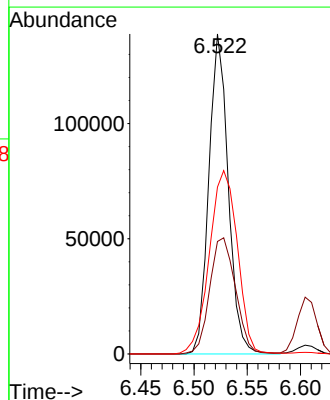
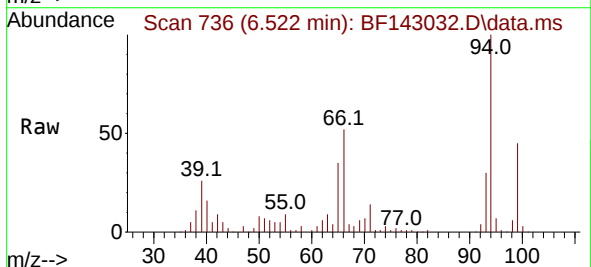
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 101107
Ion Ratio Lower Upper
77 100
105 104.1 83.8 123.8
106 100.4 78.7 118.7



#10
Phenol
Concen: 44.453 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF143032.D
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Tgt Ion: 94 Resp: 175999
Ion Ratio Lower Upper
94 100
65 35.2 11.3 51.3
66 52.2 24.9 64.9

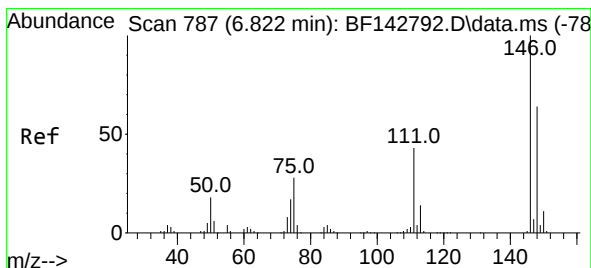
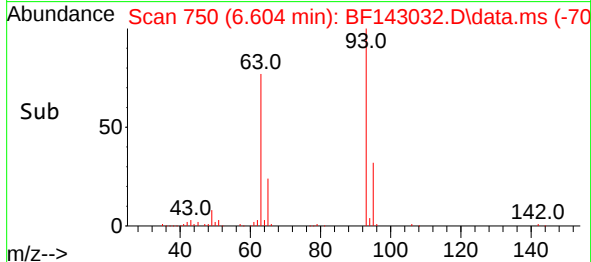
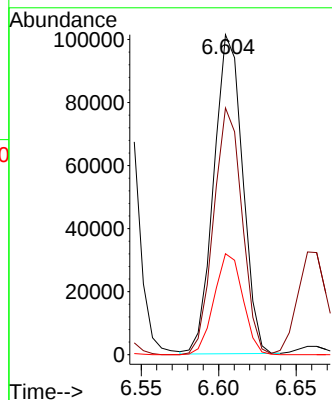
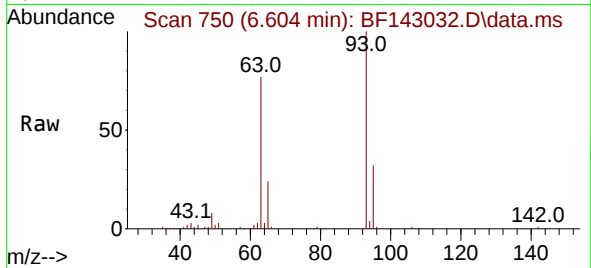




#11
bis(2-Chloroethyl)ether
Concen: 46.236 ng
RT: 6.604 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

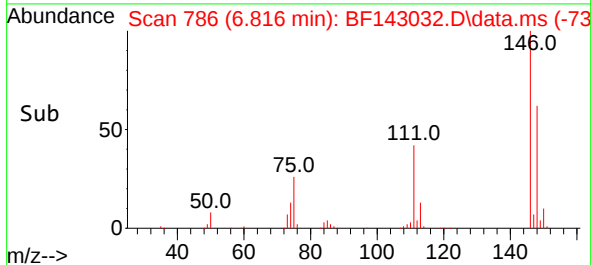
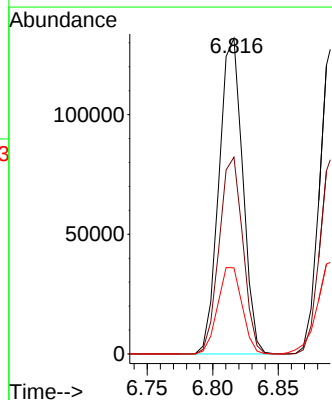
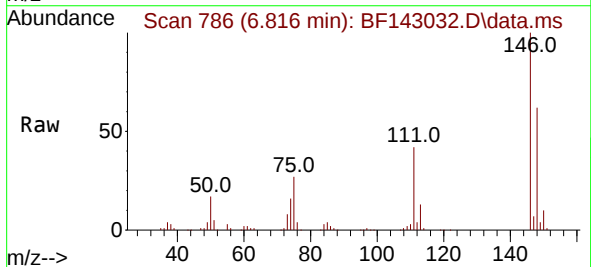
Instrument :
BNA_F
ClientSampleId :
TP-78MS

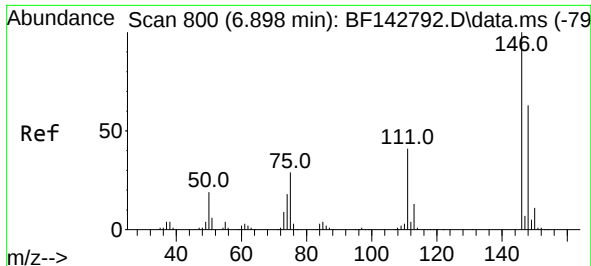
Tgt Ion: 93 Resp: 130834
Ion Ratio Lower Upper
93 100
63 77.1 60.3 100.3
95 31.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 45.575 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:146 Resp: 165993
Ion Ratio Lower Upper
146 100
148 62.3 51.1 76.7
75 27.2 22.7 34.1

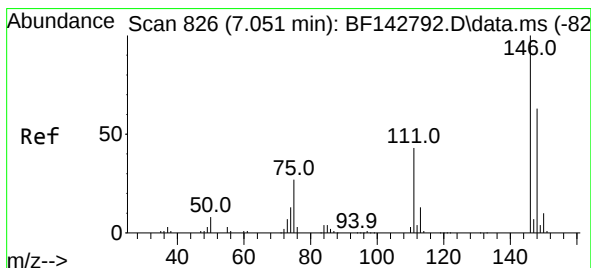
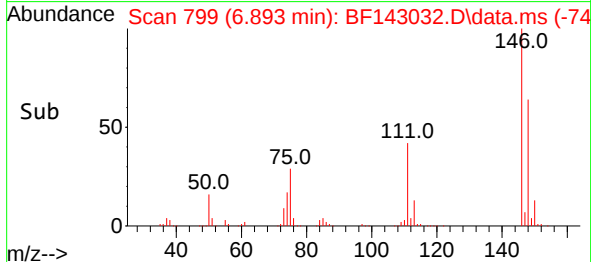
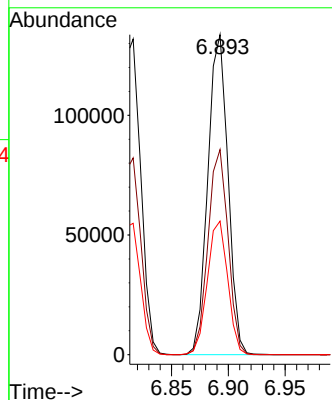
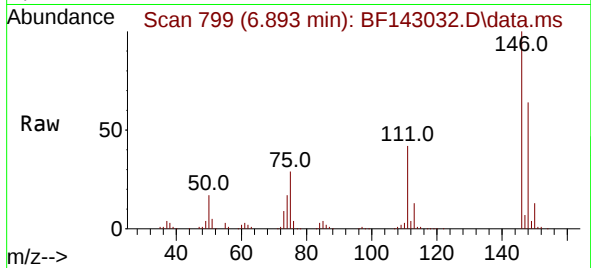




#13
1,4-Dichlorobenzene
Concen: 44.937 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

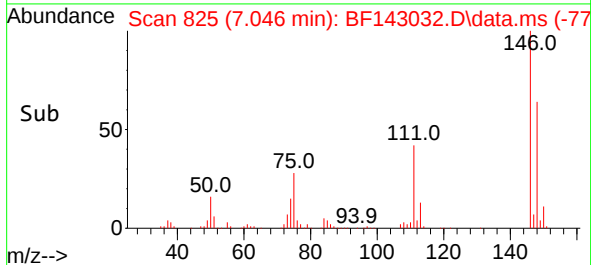
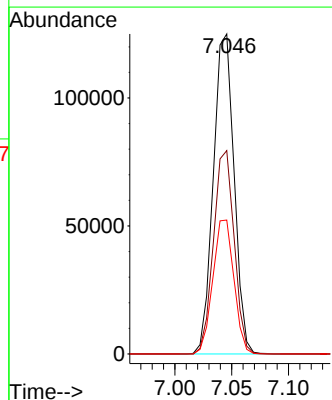
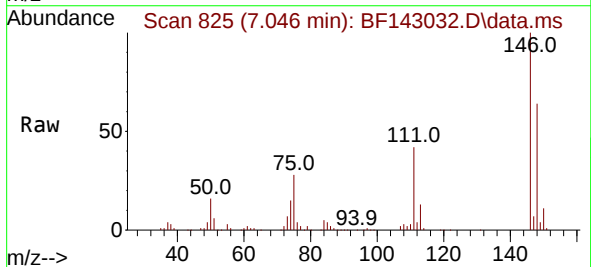
Instrument :
BNA_F
ClientSampleId :
TP-78MS

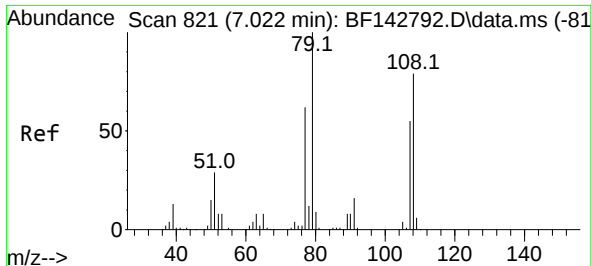
Tgt Ion:146 Resp: 165127
Ion Ratio Lower Upper
146 100
148 64.1 50.2 75.2
111 41.7 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 45.698 ng
RT: 7.046 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:146 Resp: 159276
Ion Ratio Lower Upper
146 100
148 63.5 50.4 75.6
111 41.9 34.1 51.1

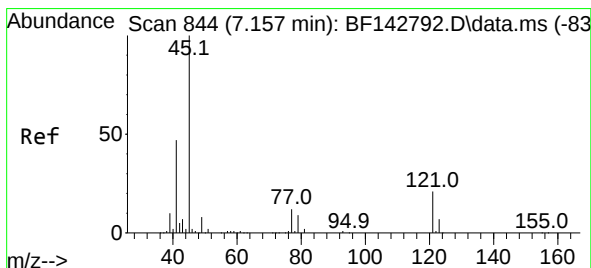
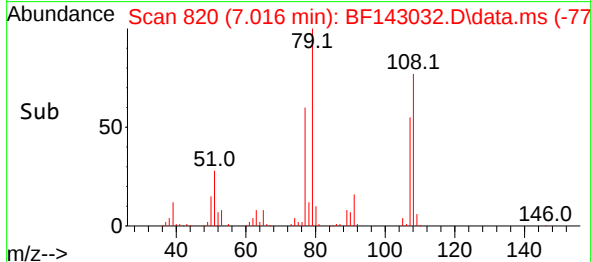
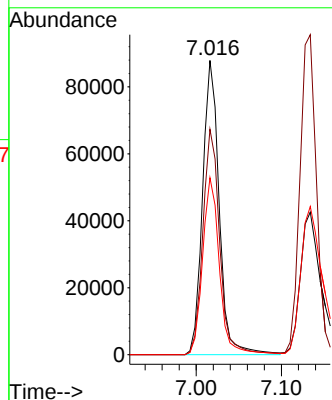
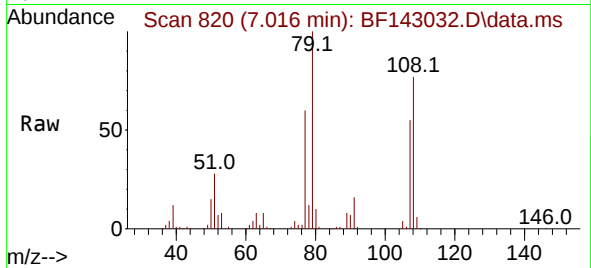




#15
Benzyl Alcohol
Concen: 46.315 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

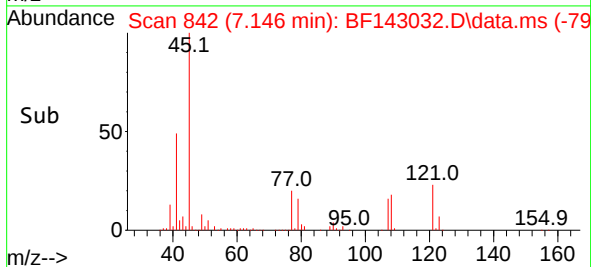
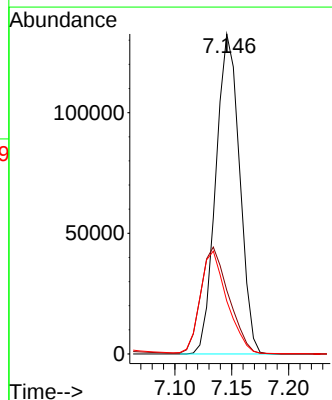
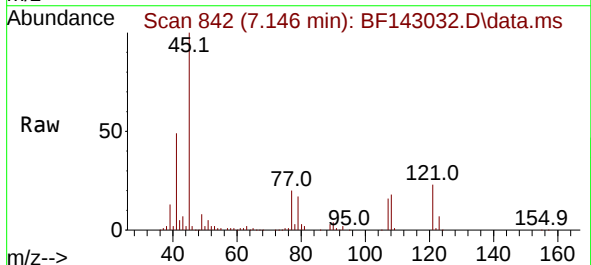
Instrument :
BNA_F
ClientSampleId :
TP-78MS

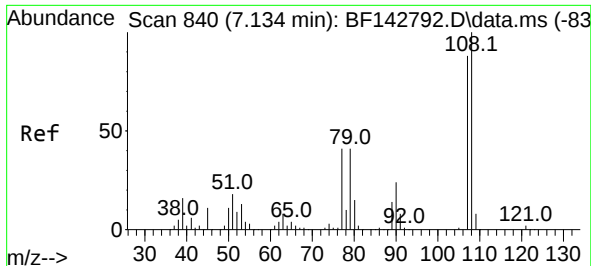
Tgt Ion: 79 Resp: 119258
Ion Ratio Lower Upper
79 100
108 76.6 63.4 95.0
77 60.1 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.421 ng
RT: 7.146 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion: 45 Resp: 192861
Ion Ratio Lower Upper
45 100
77 19.9 0.0 32.8
79 16.6 0.0 29.8

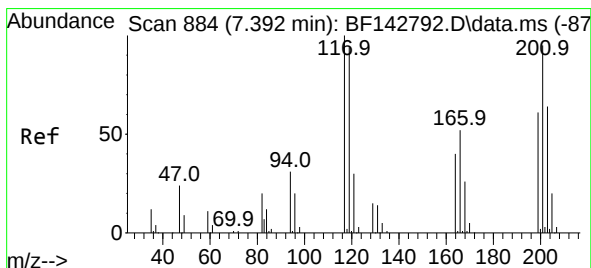
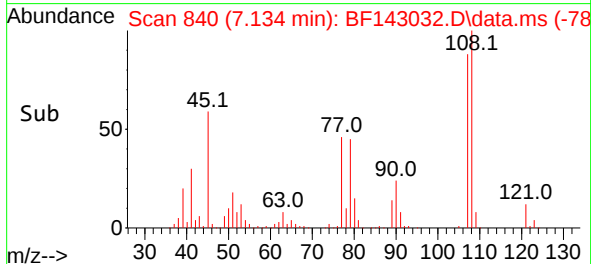
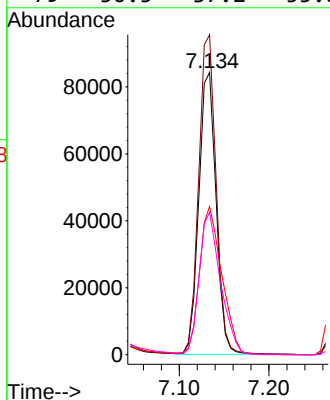
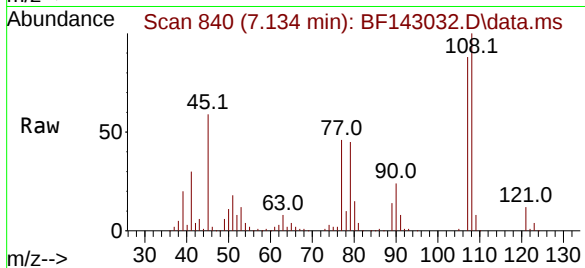




#17
2-Methylphenol
Concen: 45.620 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

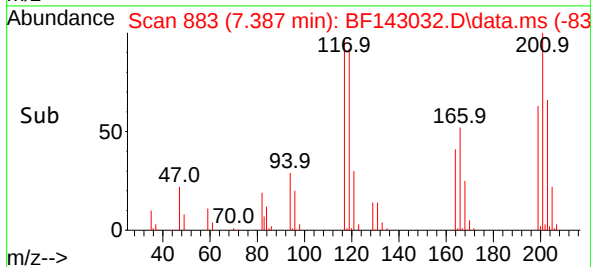
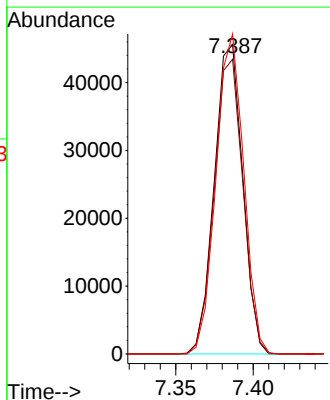
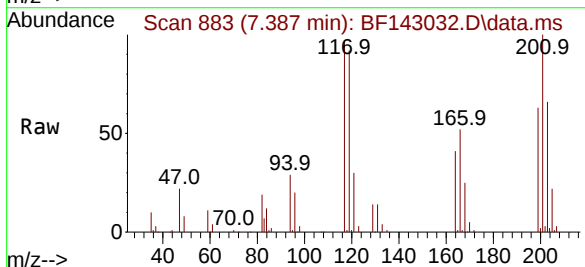
Instrument :
BNA_F
ClientSampleId :
TP-78MS

Tgt Ion:	107	Resp:	112586
Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.9	136.3
77	52.5	37.3	55.9
79	50.5	37.2	55.8



#18
Hexachloroethane
Concen: 45.330 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:	117	Resp:	58262
Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.4	113.0
201	103.4	75.9	113.9

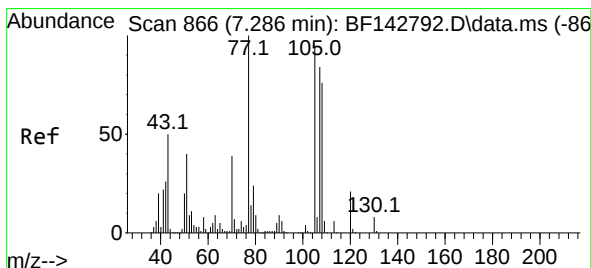
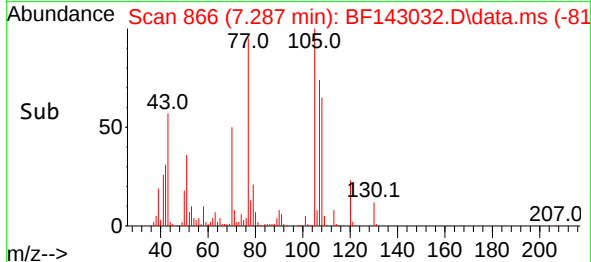
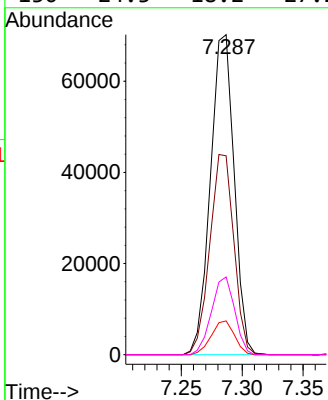
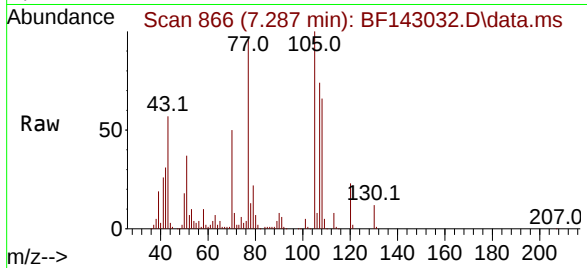




#19
n-Nitroso-di-n-propylamine
Concen: 45.952 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

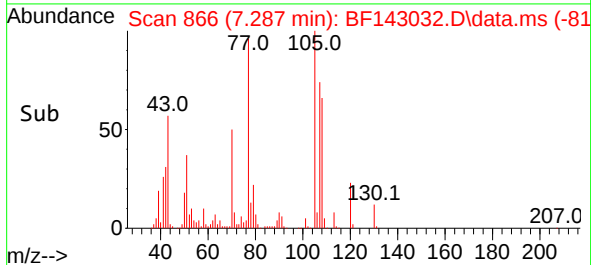
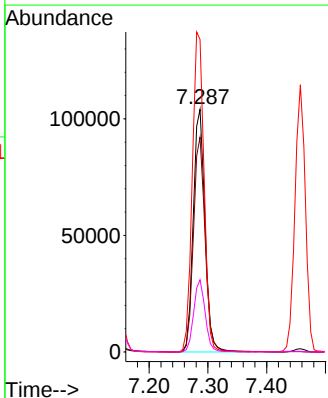
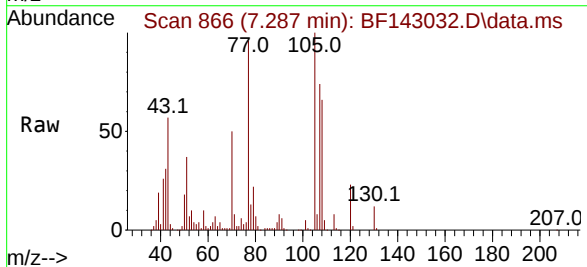
Instrument :
BNA_F
ClientSampleId :
TP-78MS

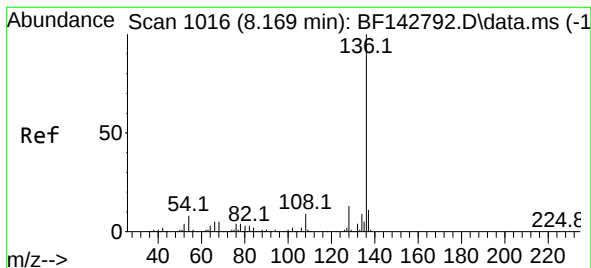
Tgt Ion:	70	Resp:	95192
Ion	Ratio	Lower	Upper
70	100		
42	62.2	52.1	78.1
101	10.5	8.2	12.2
130	24.3	18.2	27.2



#20
3+4-Methylphenols
Concen: 46.919 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:	107	Resp:	144372
Ion	Ratio	Lower	Upper
107	100		
108	88.5	70.0	110.0
77	128.8	98.5	138.5
79	29.8	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

Instrument :

BNA_F

ClientSampleId :

TP-78MS

Tgt Ion:136 Resp: 189189

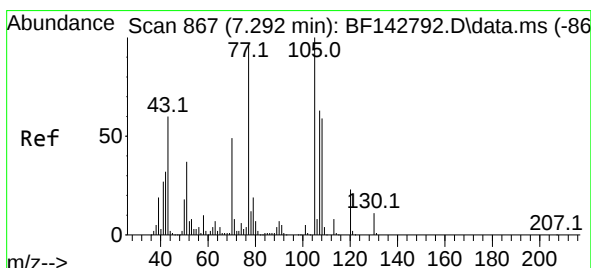
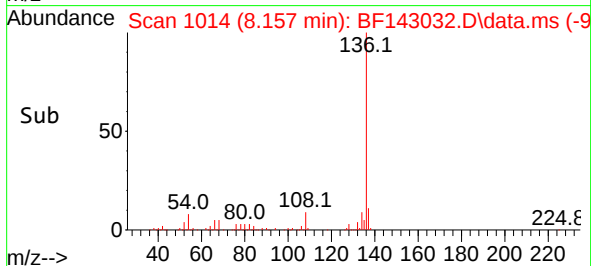
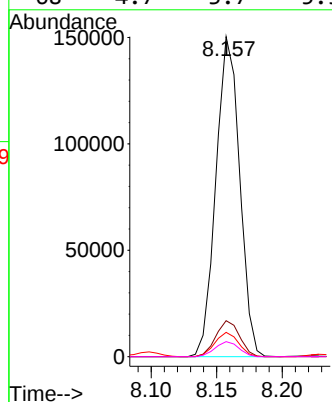
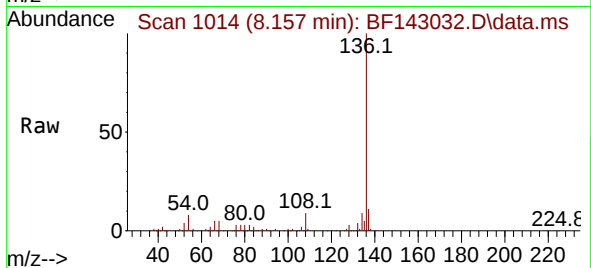
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 7.6 6.3 9.5

68 4.7 3.7 5.5



#22

Acetophenone

Concen: 47.398 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

Tgt Ion:105 Resp: 197743

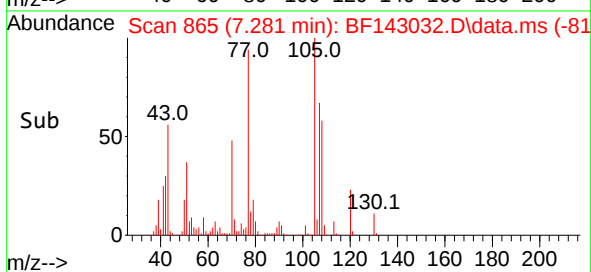
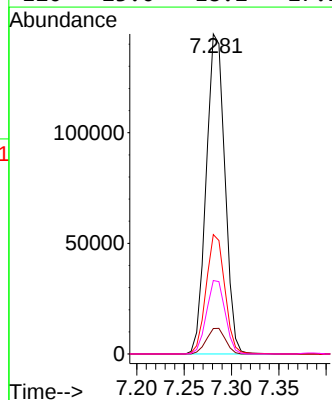
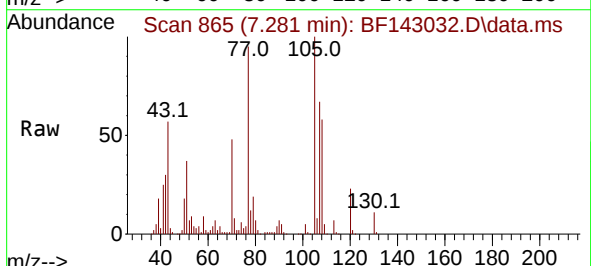
Ion Ratio Lower Upper

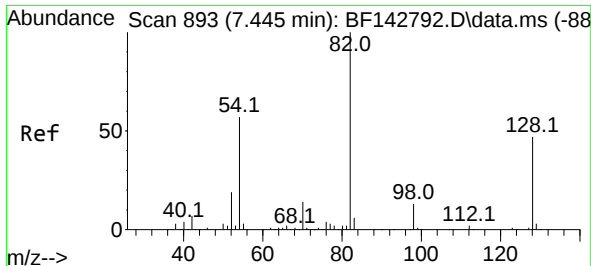
105 100

71 8.0 6.5 9.7

51 37.3 29.8 44.8

120 23.0 18.2 27.2





#23

Nitrobenzene-d5

Concen: 48.037 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.005 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

Instrument :

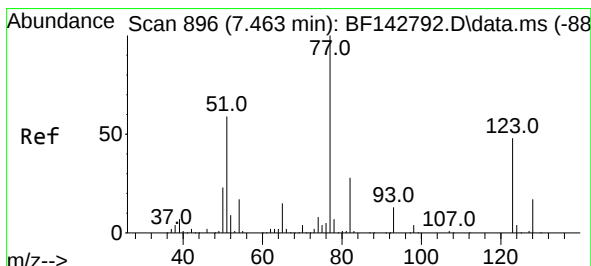
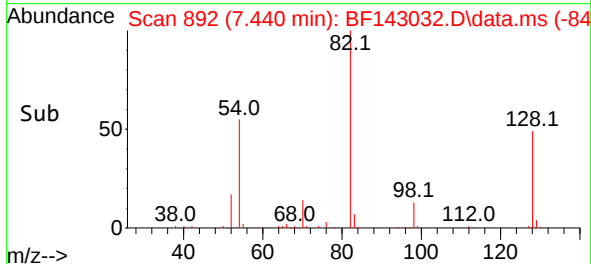
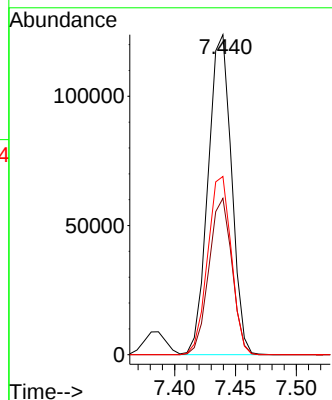
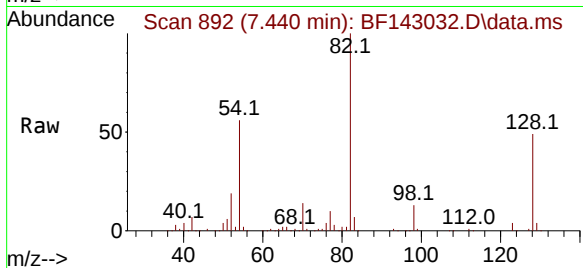
BNA_F

ClientSampleId :

TP-78MS

Tgt Ion: 82 Resp: 165688

Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.7	56.5
54	55.7	45.7	68.5



#24

Nitrobenzene

Concen: 45.290 ng

RT: 7.457 min Scan# 895

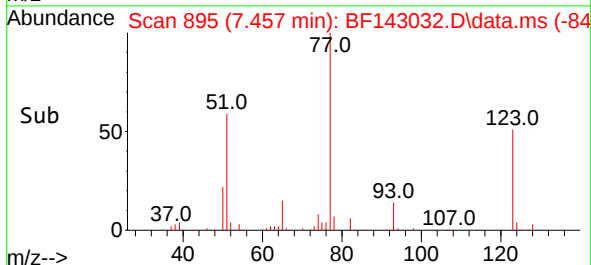
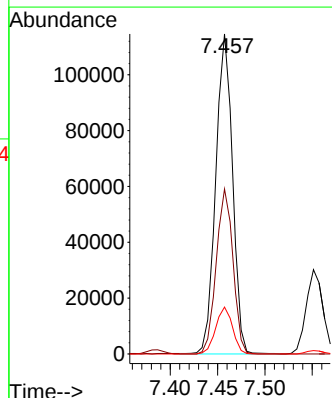
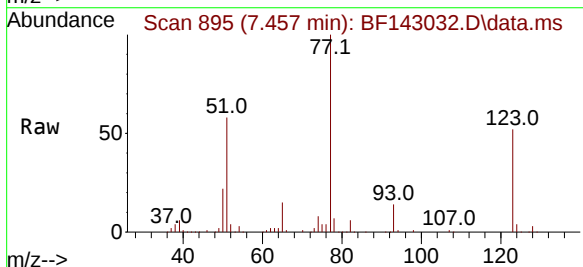
Delta R.T. -0.006 min

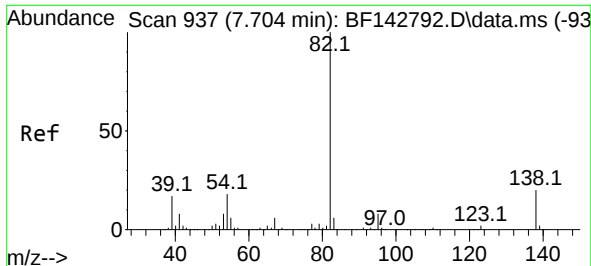
Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

Tgt Ion: 77 Resp: 141387

Ion	Ratio	Lower	Upper
77	100		
123	51.5	39.2	58.8
65	14.7	11.6	17.4

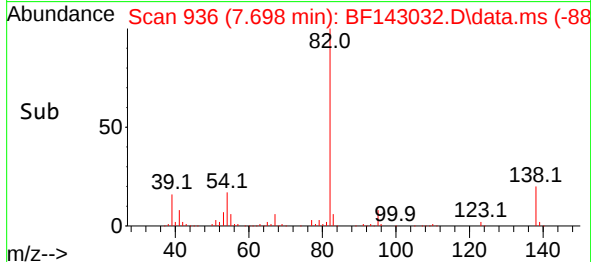
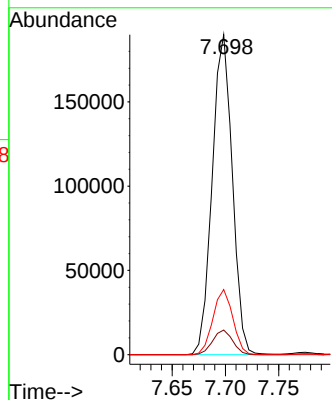
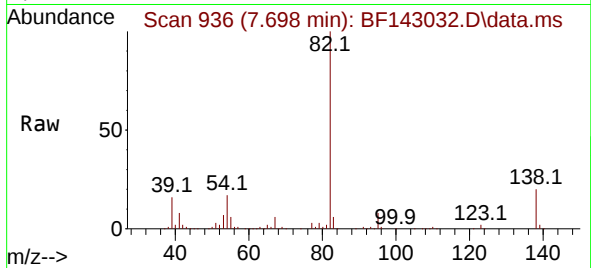




#25
Isophorone
Concen: 45.104 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

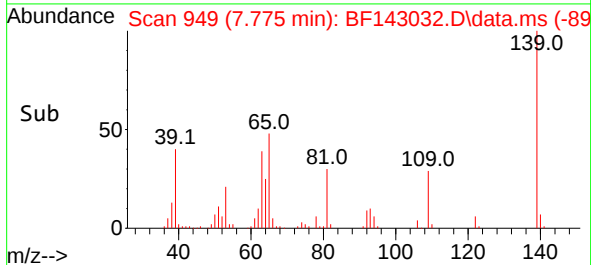
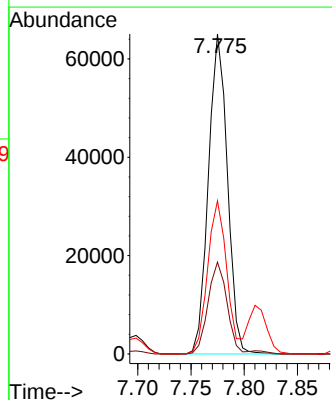
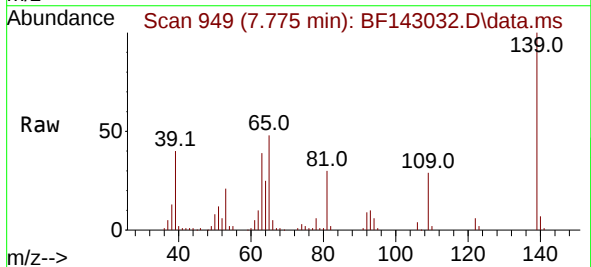
Instrument :
BNA_F
ClientSampleId :
TP-78MS

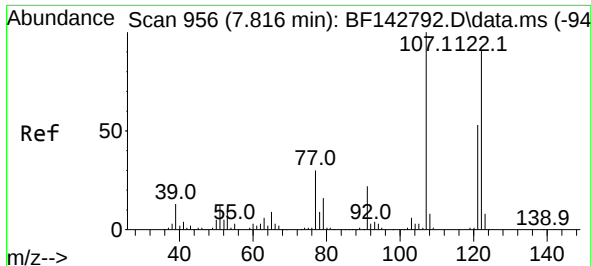
Tgt Ion: 82 Resp: 249559
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.3 16.2 24.4



#26
2-Nitrophenol
Concen: 47.388 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:139 Resp: 80587
Ion Ratio Lower Upper
139 100
109 28.7 22.7 34.1
65 47.9 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 43.422 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

Instrument :

BNA_F

ClientSampleId :

TP-78MS

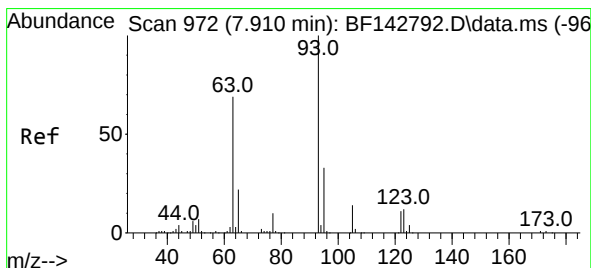
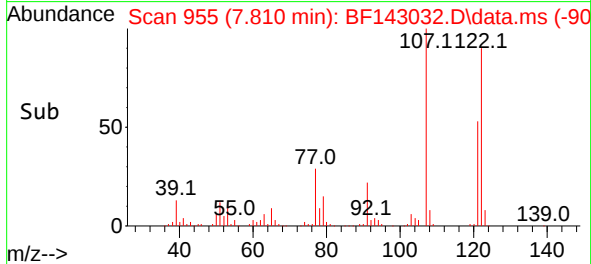
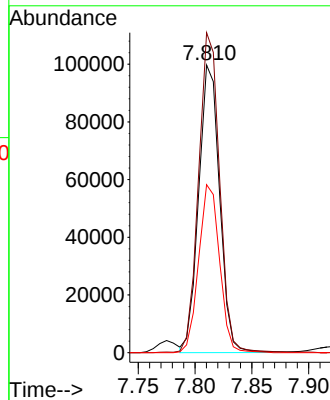
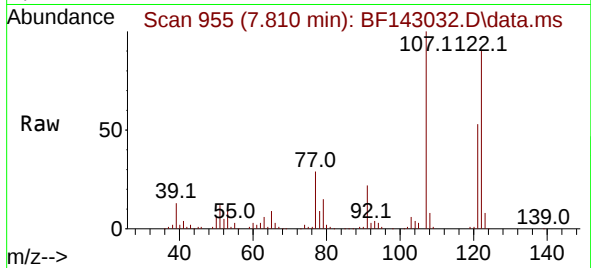
Tgt Ion:122 Resp: 127909

Ion Ratio Lower Upper

122 100

107 111.2 88.0 132.0

121 58.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 46.045 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

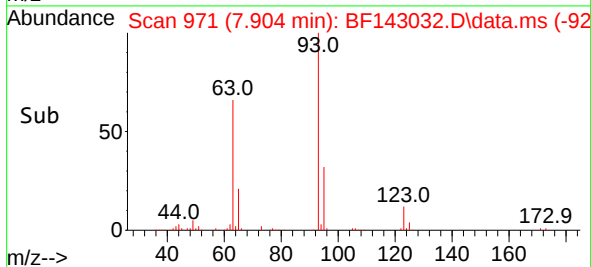
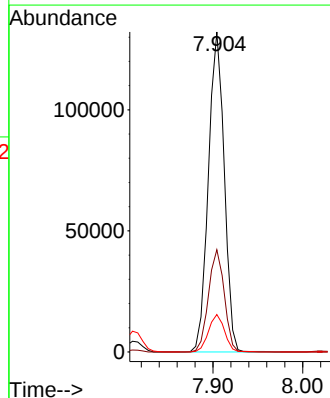
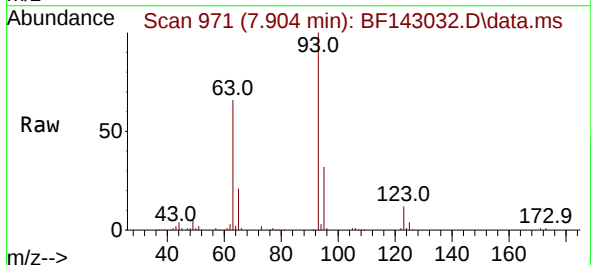
Tgt Ion: 93 Resp: 161967

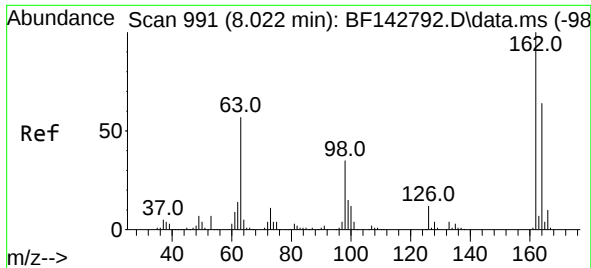
Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.2

123 11.7 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 45.629 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

Instrument :

BNA_F

ClientSampleId :

TP-78MS

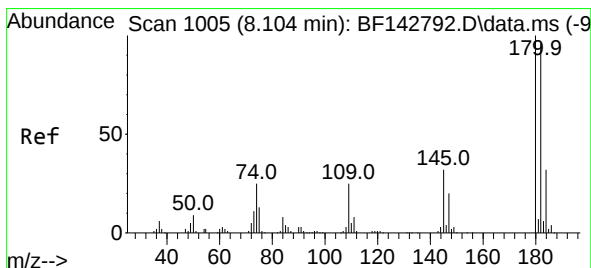
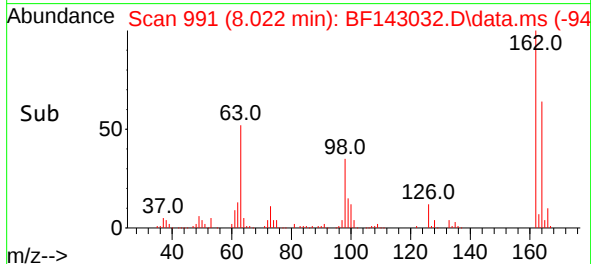
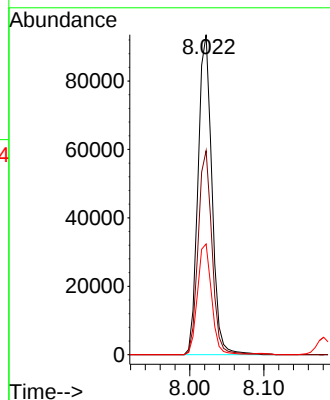
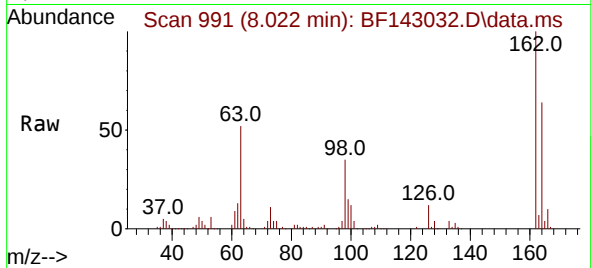
Tgt Ion:162 Resp: 121873

Ion Ratio Lower Upper

162 100

164 63.7 44.0 84.0

98 34.6 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 46.241 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

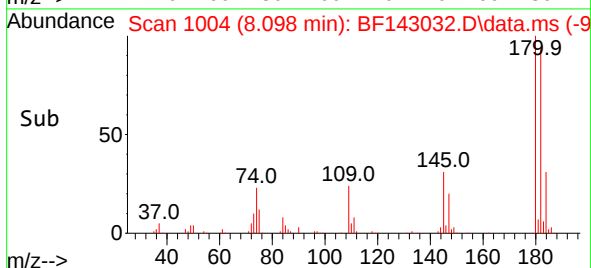
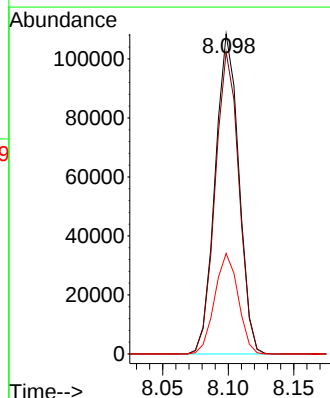
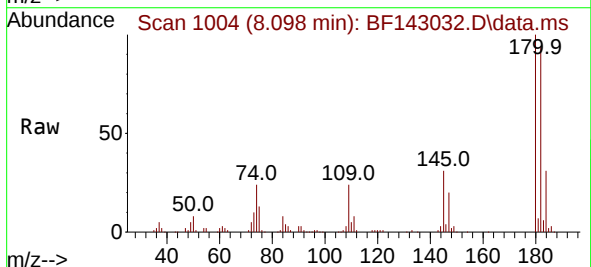
Tgt Ion:180 Resp: 135810

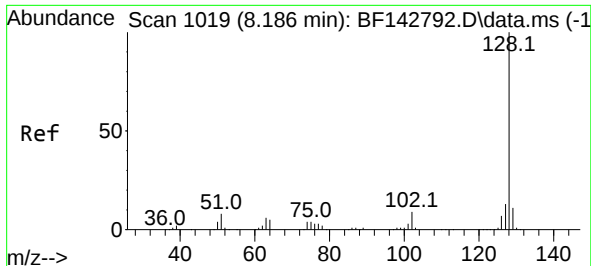
Ion Ratio Lower Upper

180 100

182 94.4 76.4 114.6

145 31.4 25.8 38.8

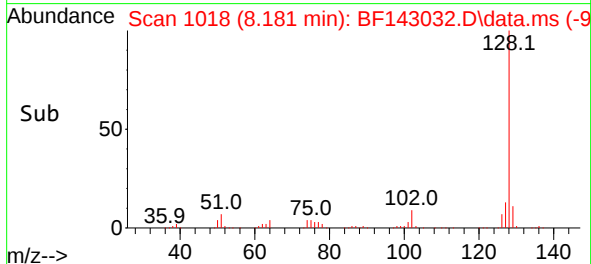
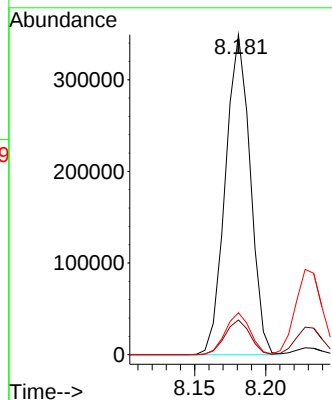
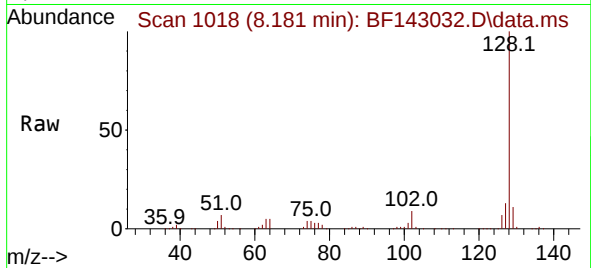




#31
Naphthalene
Concen: 45.809 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

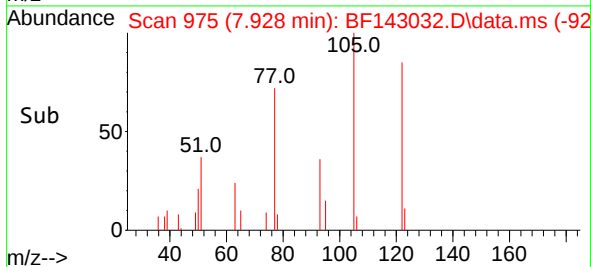
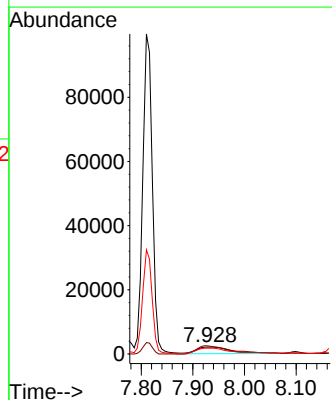
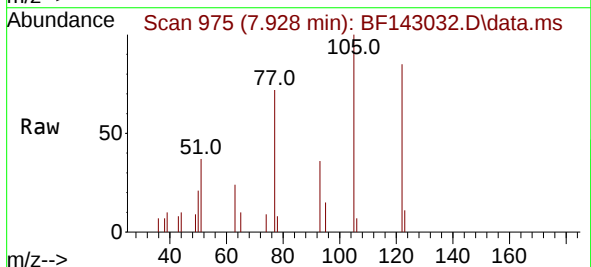
Instrument :
BNA_F
ClientSampleId :
TP-78MS

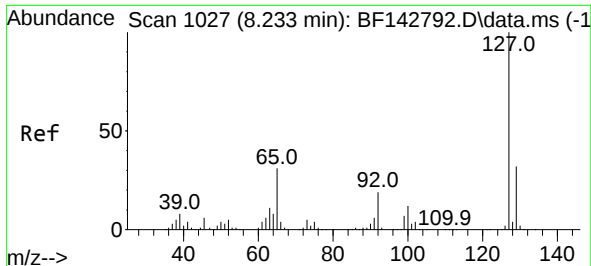
Tgt Ion:128 Resp: 424217
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 6.449 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:122 Resp: 9682
Ion Ratio Lower Upper
122 100
105 117.6 104.7 144.7
77 84.6 70.2 110.2

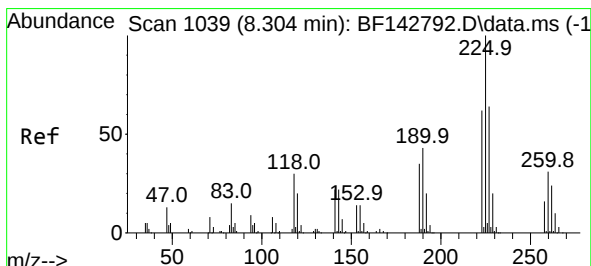
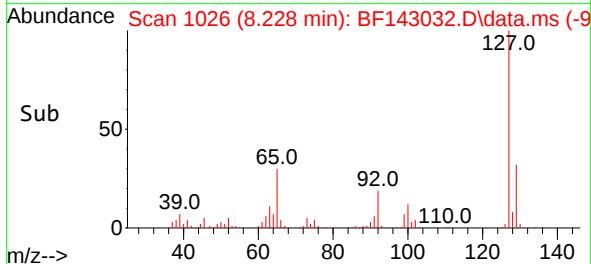
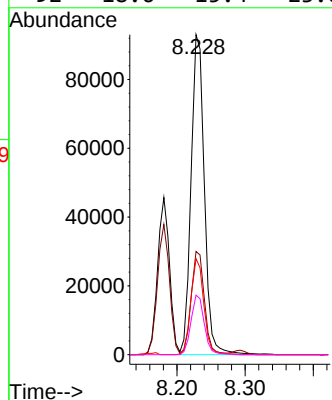
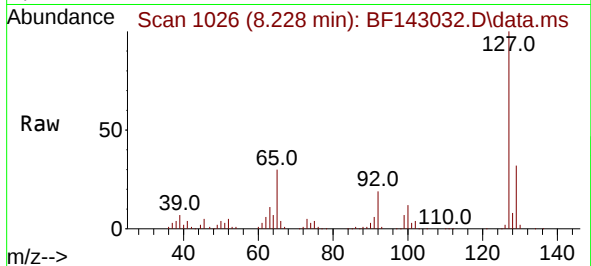




#33
4-Chloroaniline
Concen: 33.363 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

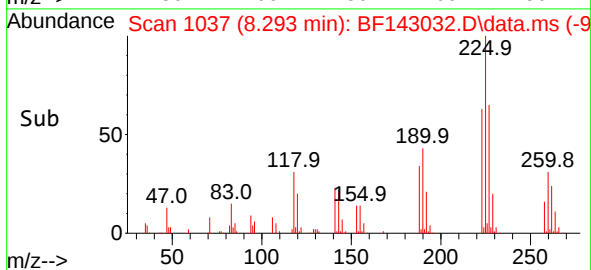
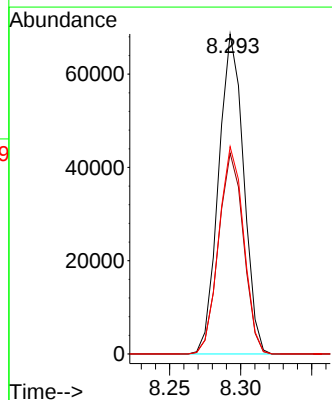
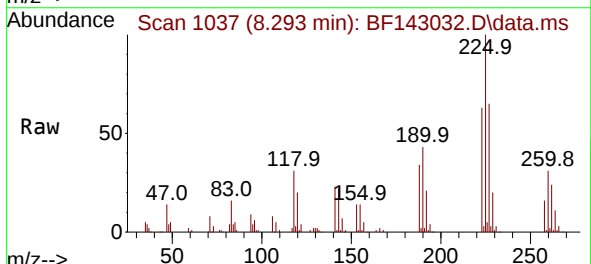
Instrument :
BNA_F
ClientSampleId :
TP-78MS

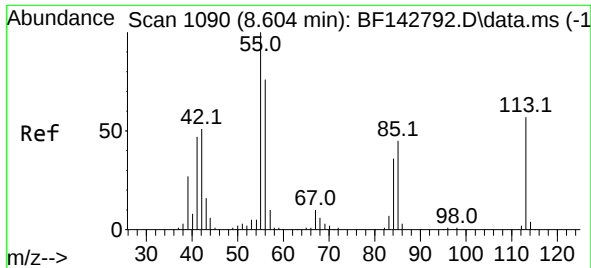
Tgt Ion:127	Resp: 125627
Ion Ratio	Lower Upper
127 100	
129 32.3	25.9 38.9
65 30.0	24.6 36.8
92 18.6	15.4 23.0



#34
Hexachlorobutadiene
Concen: 46.750 ng
RT: 8.293 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:225	Resp: 83987
Ion Ratio	Lower Upper
225 100	
223 62.8	49.9 74.9
227 64.8	51.4 77.0

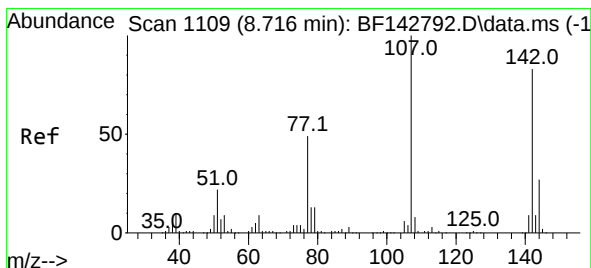
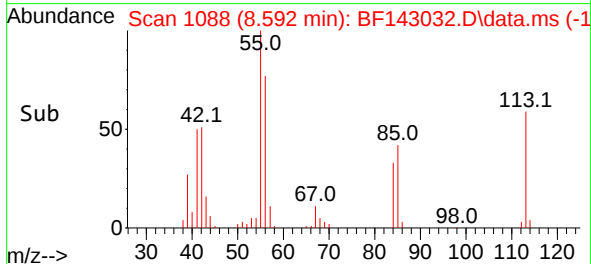
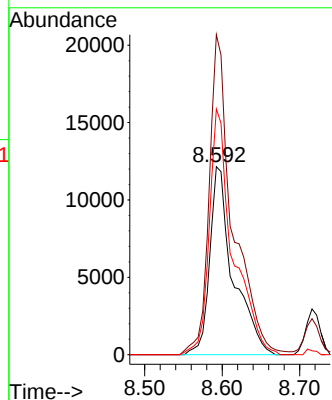
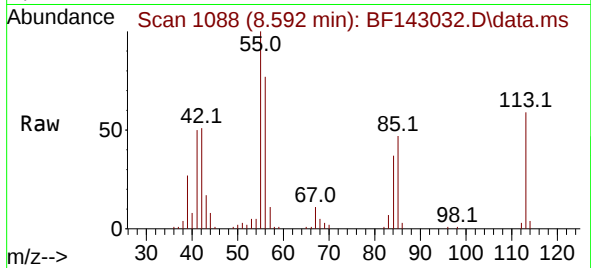




#35
 Caprolactam
 Concen: 36.249 ng
 RT: 8.592 min Scan# 1088
 Delta R.T. -0.012 min
 Lab File: BF143032.D
 Acq: 08 Jul 2025 14:32

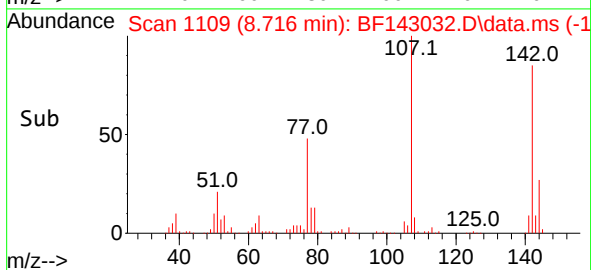
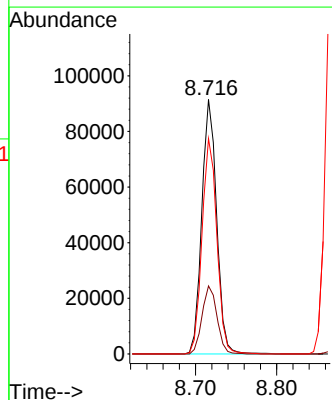
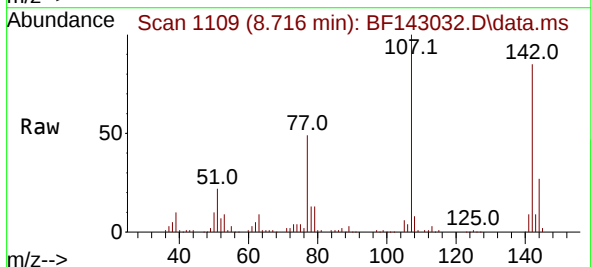
Instrument :
 BNA_F
 ClientSampleId :
 TP-78MS

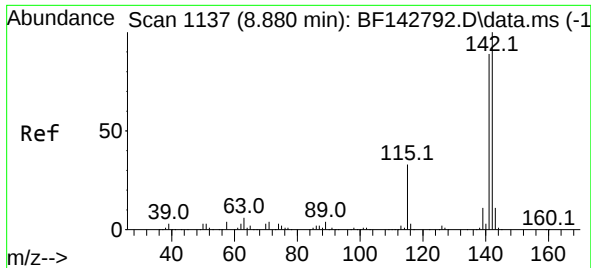
Tgt Ion:113 Resp: 25548
 Ion Ratio Lower Upper
 113 100
 55 170.2 154.4 194.4
 56 130.8 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.747 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF143032.D
 Acq: 08 Jul 2025 14:32

Tgt Ion:107 Resp: 116125
 Ion Ratio Lower Upper
 107 100
 144 26.8 21.3 31.9
 142 84.7 66.6 100.0

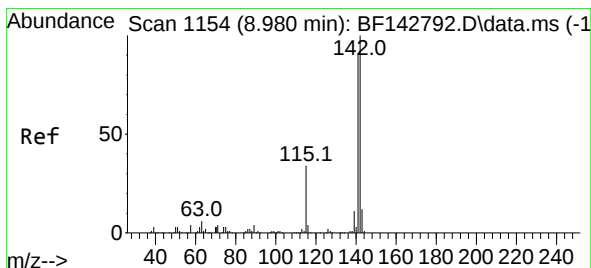
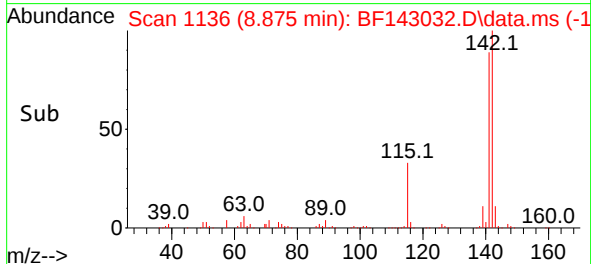
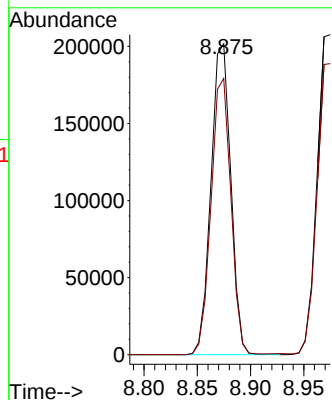
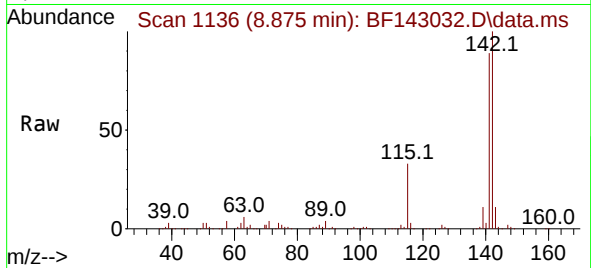




#37
2-Methylnaphthalene
Concen: 45.451 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

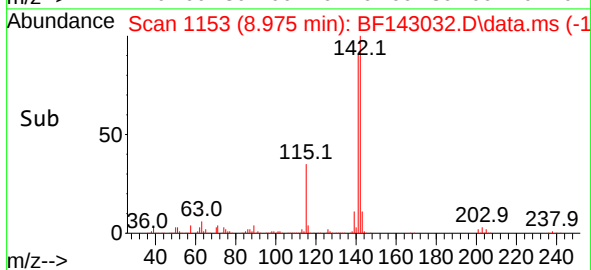
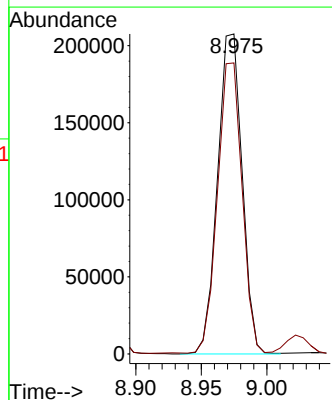
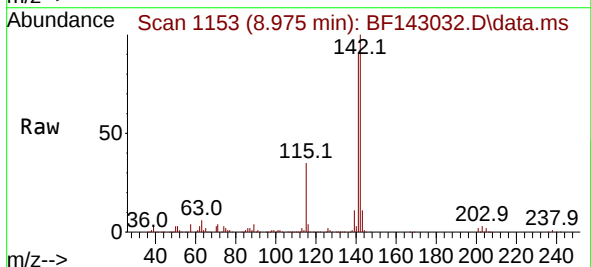
Instrument :
BNA_F
ClientSampleId :
TP-78MS

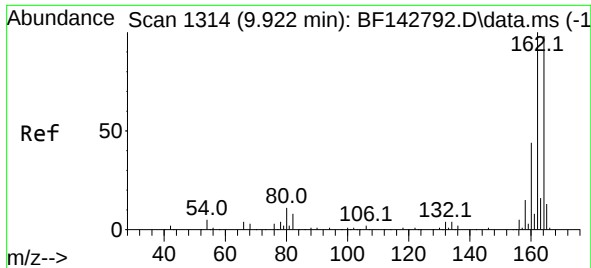
Tgt Ion:142 Resp: 260944
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3



#38
1-Methylnaphthalene
Concen: 45.490 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:142 Resp: 270353
Ion Ratio Lower Upper
142 100
141 90.9 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

Instrument :

BNA_F

ClientSampleId :

TP-78MS

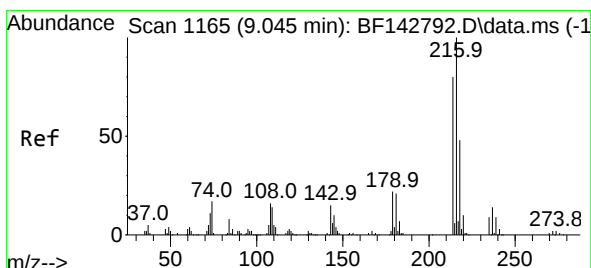
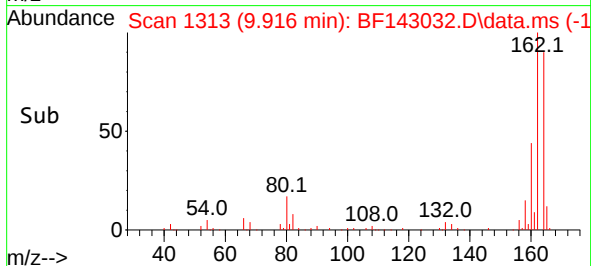
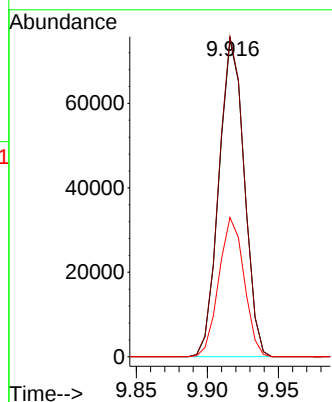
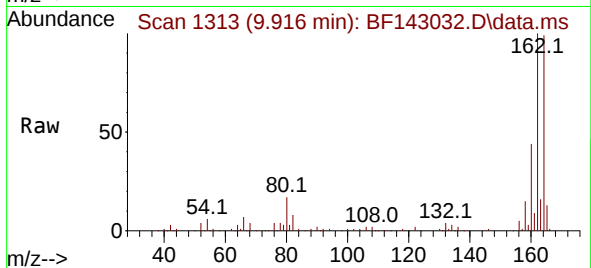
Tgt Ion:164 Resp: 92887

Ion Ratio Lower Upper

164 100

162 101.1 81.8 122.8

160 44.0 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.542 ng

RT: 9.040 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

Tgt Ion:216 Resp: 135783

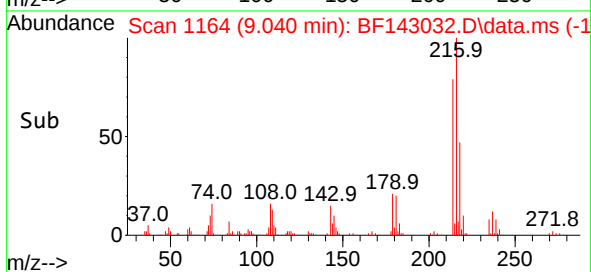
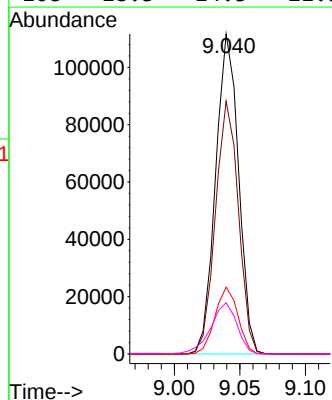
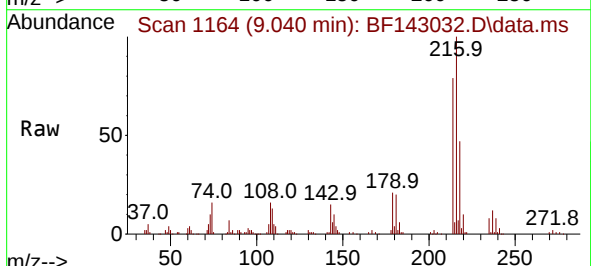
Ion Ratio Lower Upper

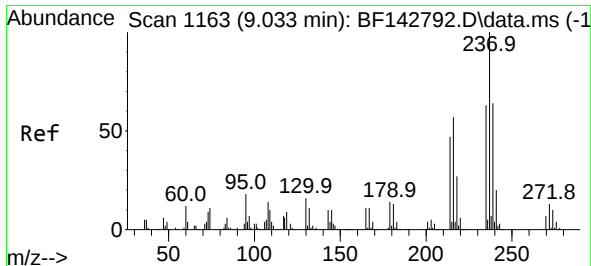
216 100

214 78.9 63.7 95.5

179 20.8 17.6 26.4

108 18.3 14.3 21.5

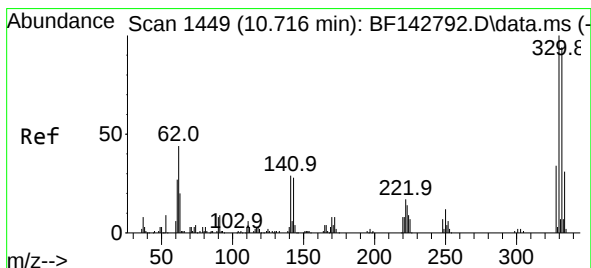
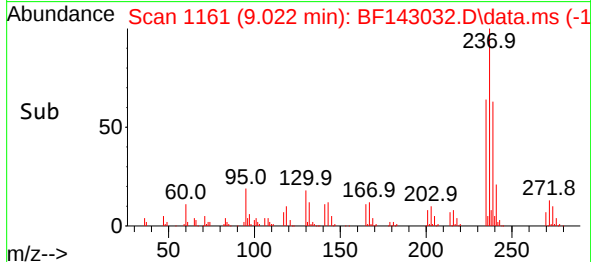
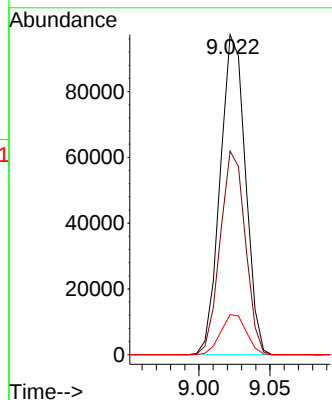
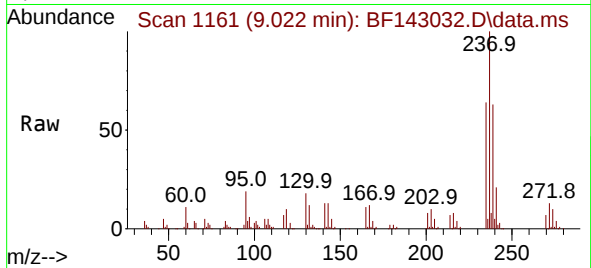




#41
Hexachlorocyclopentadiene
Concen: 77.323 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

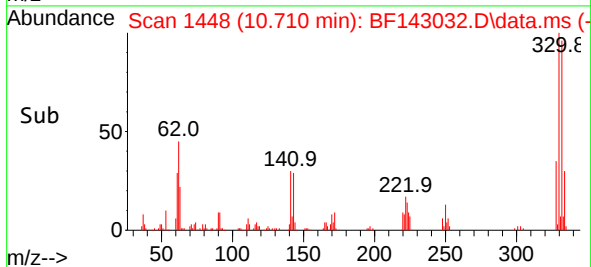
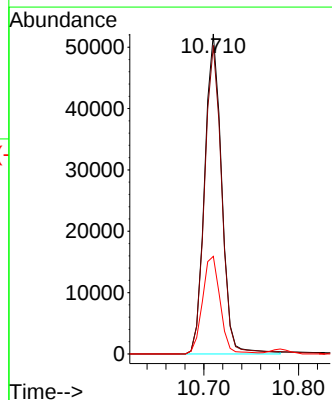
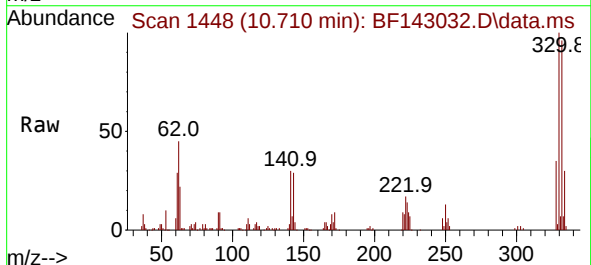
Instrument :
BNA_F
ClientSampleId :
TP-78MS

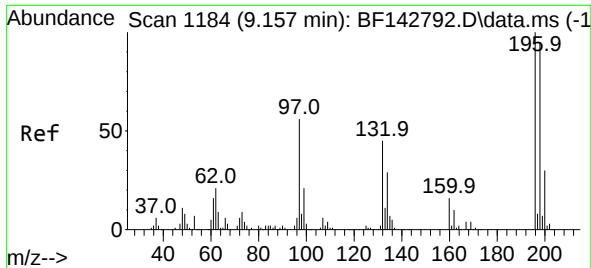
Tgt Ion:237 Resp: 120264
Ion Ratio Lower Upper
237 100
235 63.6 43.4 83.4
272 12.5 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 67.984 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:330 Resp: 64984
Ion Ratio Lower Upper
330 100
332 97.6 75.0 112.6
141 31.8 25.3 37.9

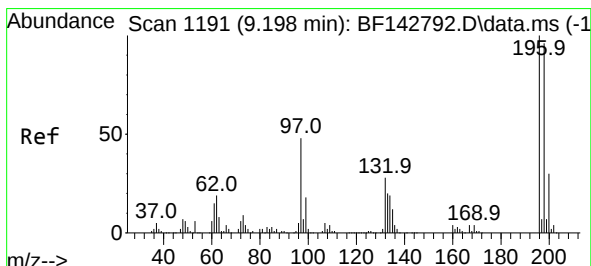
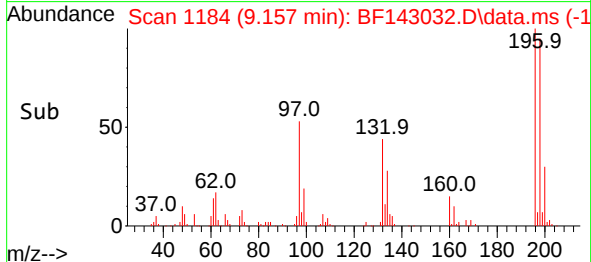
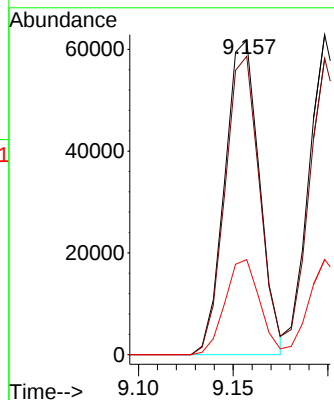
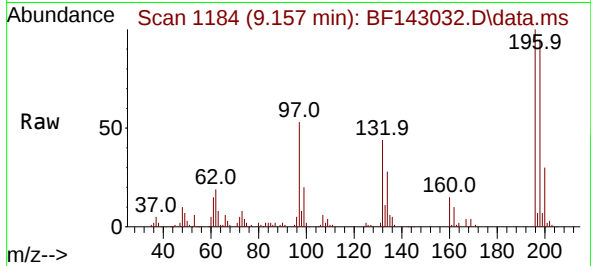




#43
2,4,6-Trichlorophenol
Concen: 44.127 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

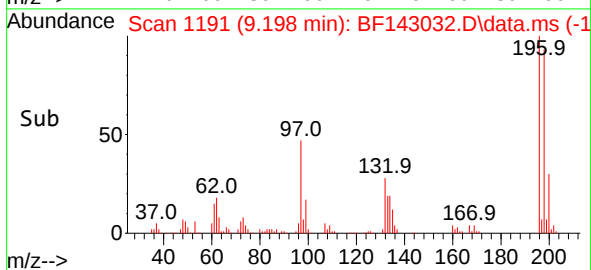
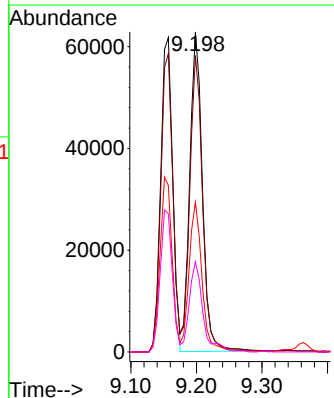
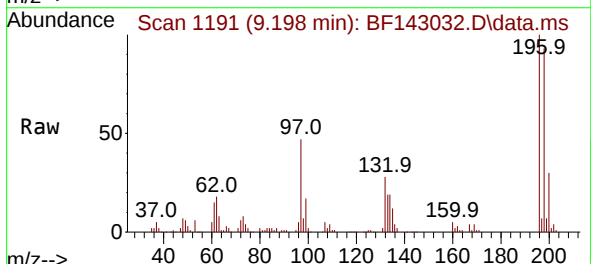
Instrument :
BNA_F
ClientSampleId :
TP-78MS

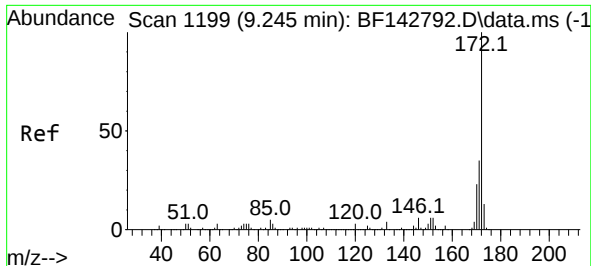
Tgt Ion:196 Resp: 78809
Ion Ratio Lower Upper
196 100
198 94.9 76.2 114.2
200 30.3 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 44.842 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:196 Resp: 84304
Ion Ratio Lower Upper
196 100
198 92.6 76.6 115.0
97 46.8 38.2 57.2
132 28.2 23.4 35.0

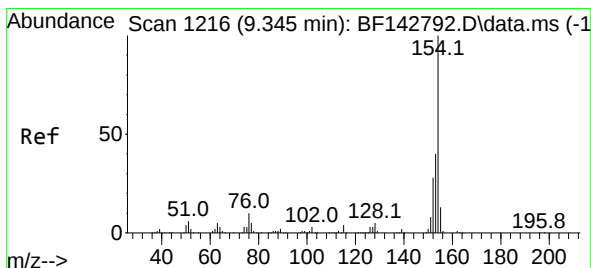
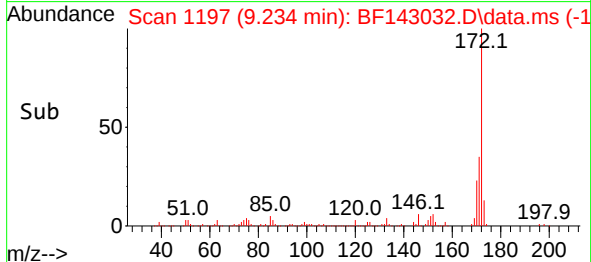
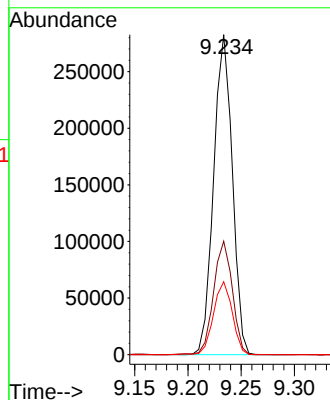
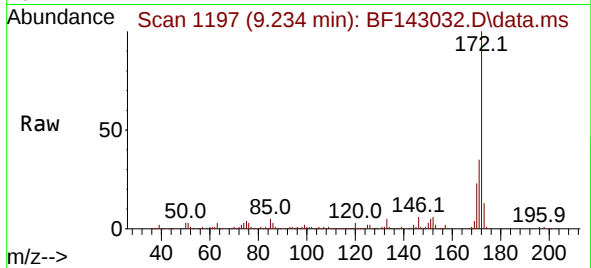




#45
2-Fluorobiphenyl
Concen: 48.602 ng
RT: 9.234 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

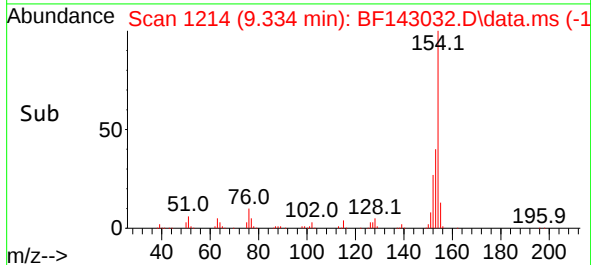
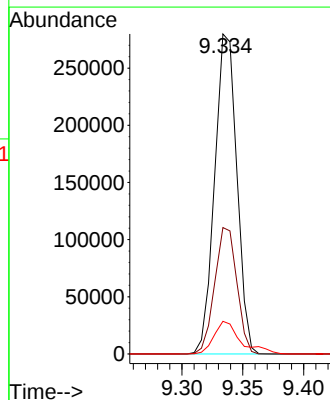
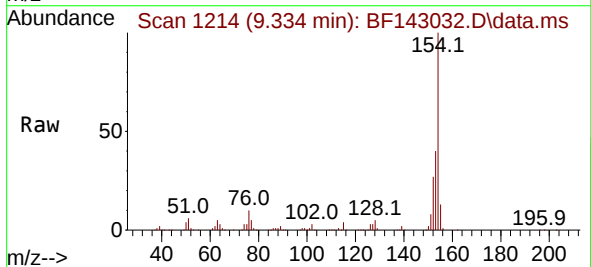
Instrument :
BNA_F
ClientSampleId :
TP-78MS

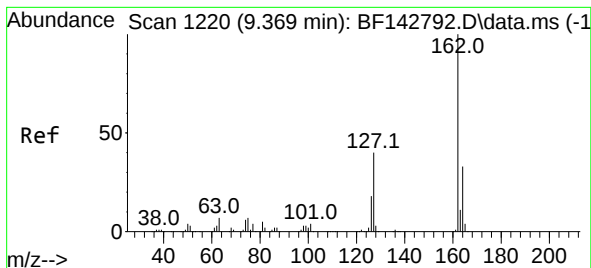
Tgt Ion:172 Resp: 343655
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 22.8 18.5 27.7



#46
1,1'-Biphenyl
Concen: 48.474 ng
RT: 9.334 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:154 Resp: 355681
Ion Ratio Lower Upper
154 100
153 39.5 20.3 60.3
76 10.2 0.0 30.3





#47

2-Chloronaphthalene

Concen: 47.913 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

Instrument :

BNA_F

ClientSampleId :

TP-78MS

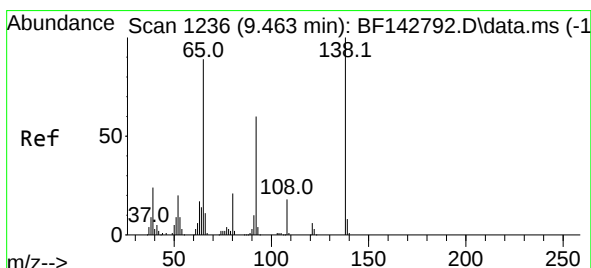
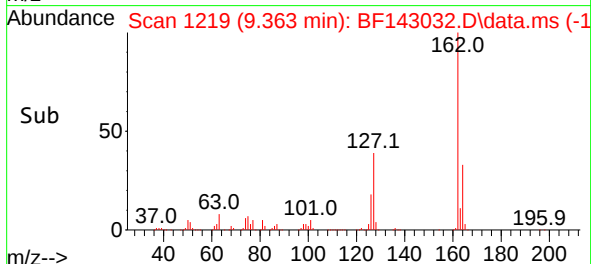
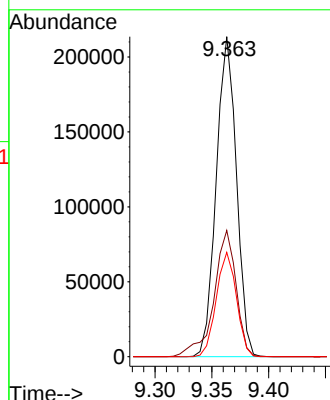
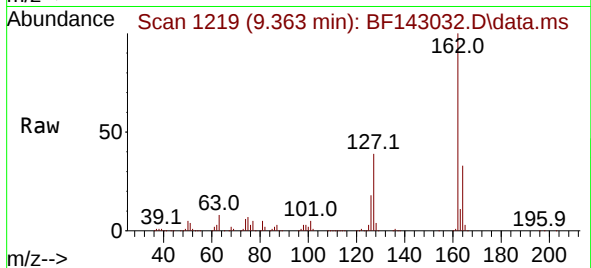
Tgt Ion:162 Resp: 263826

Ion Ratio Lower Upper

162 100

127 39.5 32.2 48.2

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 46.665 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

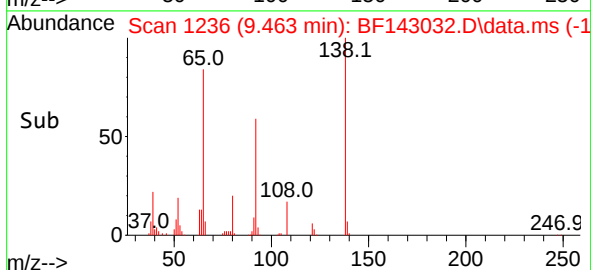
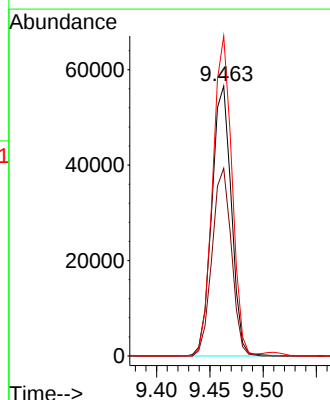
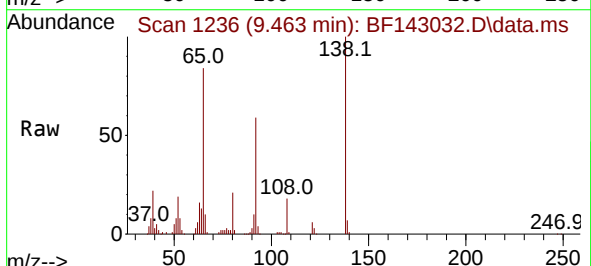
Tgt Ion: 65 Resp: 72038

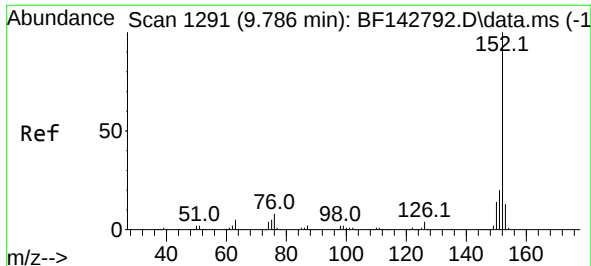
Ion Ratio Lower Upper

65 100

92 69.5 53.8 80.6

138 118.5 89.6 134.4

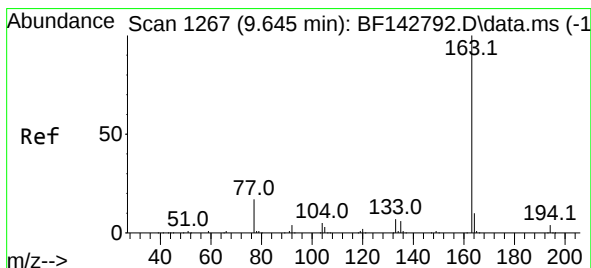
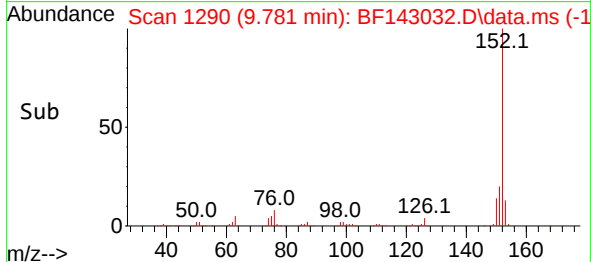
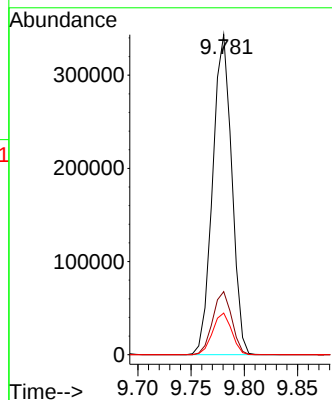
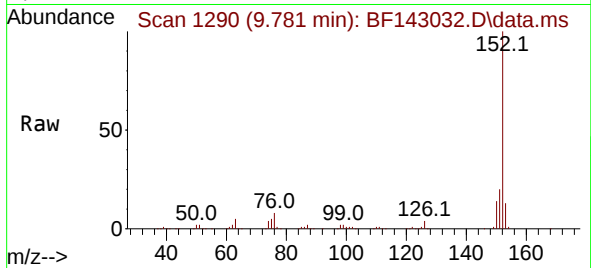




#49
Acenaphthylene
Concen: 47.313 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

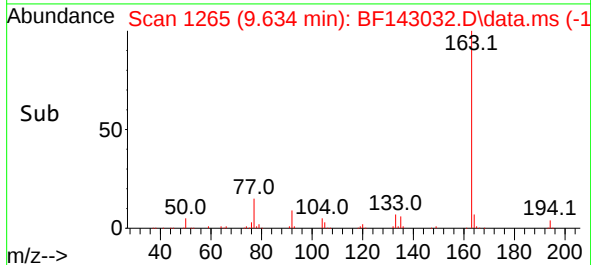
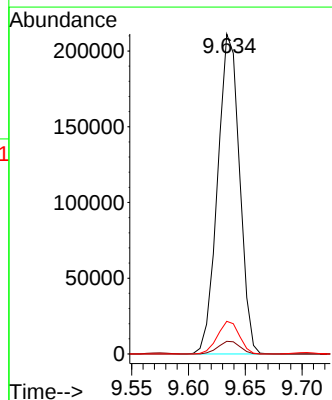
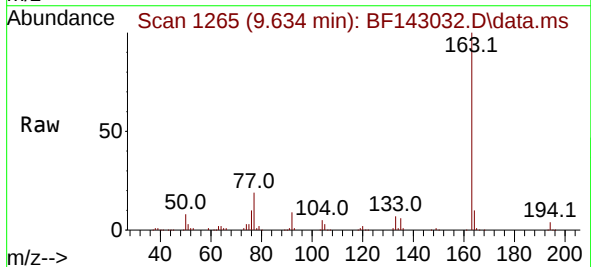
Instrument :
BNA_F
ClientSampleId :
TP-78MS

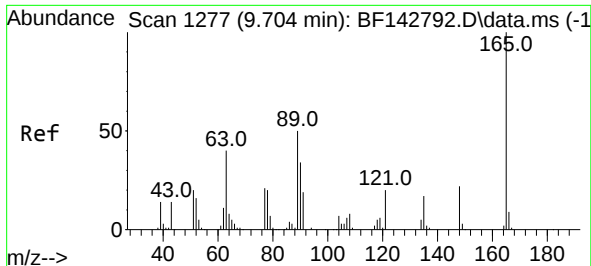
Tgt Ion:152 Resp: 428870
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 47.161 ng
RT: 9.634 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:163 Resp: 283559
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 46.948 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

Instrument :

BNA_F

ClientSampleId :

TP-78MS

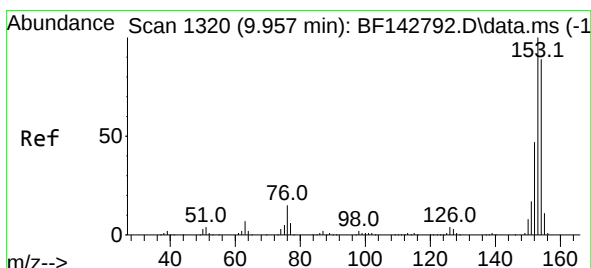
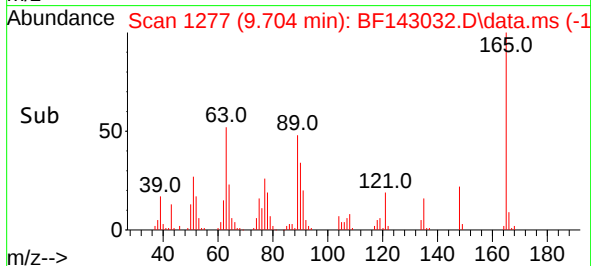
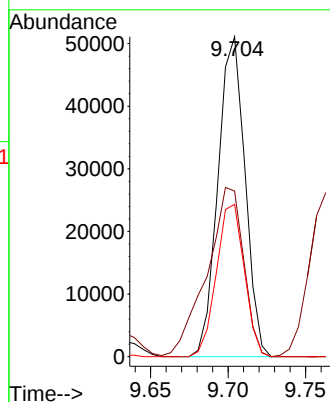
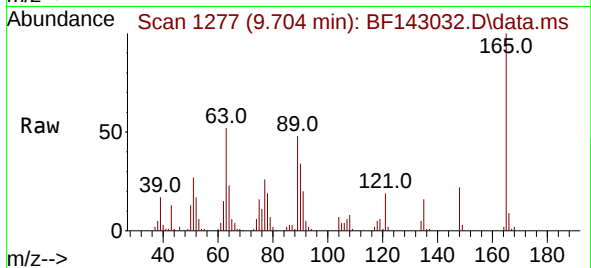
Tgt Ion:165 Resp: 61992

Ion Ratio Lower Upper

165 100

63 51.8 44.2 66.4

89 47.6 39.8 59.8



#52

Acenaphthene

Concen: 43.826 ng

RT: 9.951 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

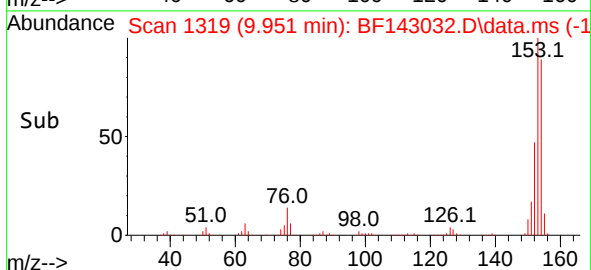
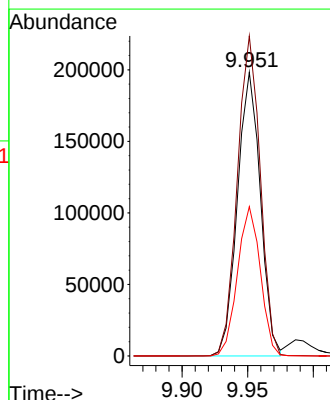
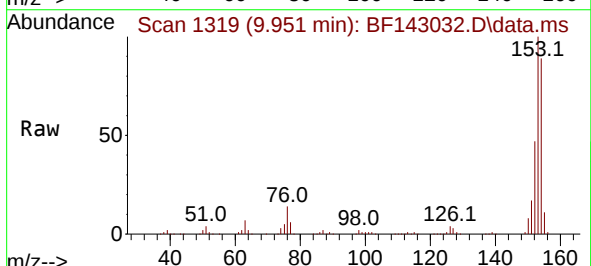
Tgt Ion:154 Resp: 242378

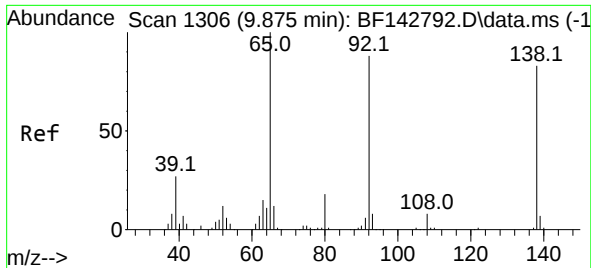
Ion Ratio Lower Upper

154 100

153 112.8 90.0 135.0

152 52.7 41.9 62.9

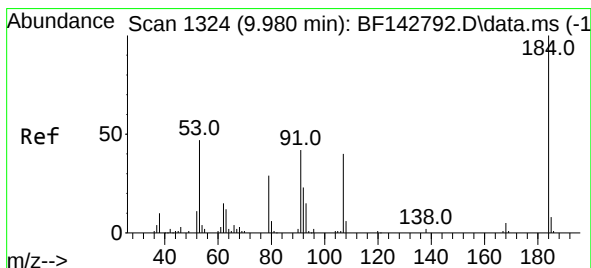
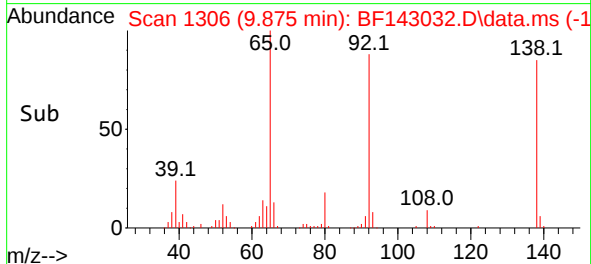
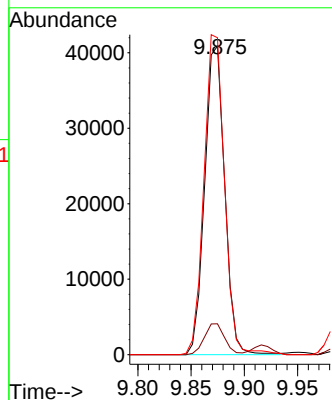
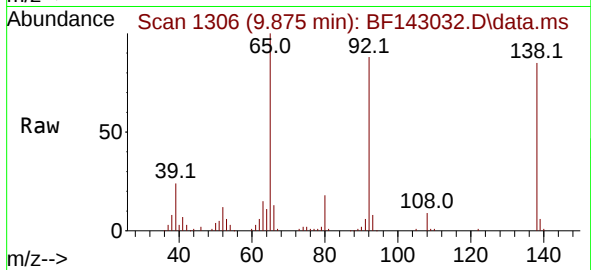




#53
3-Nitroaniline
Concen: 36.900 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

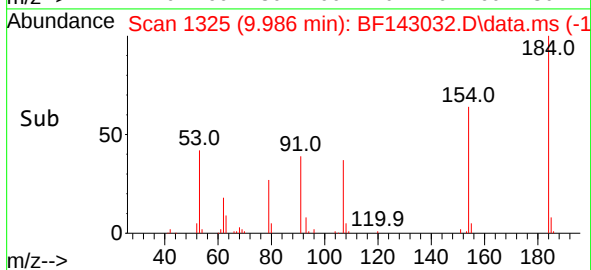
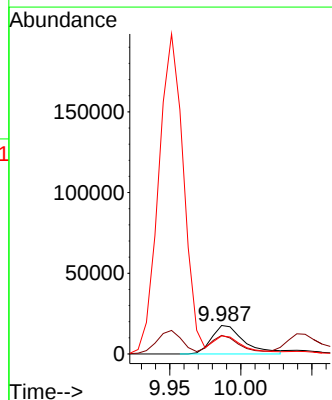
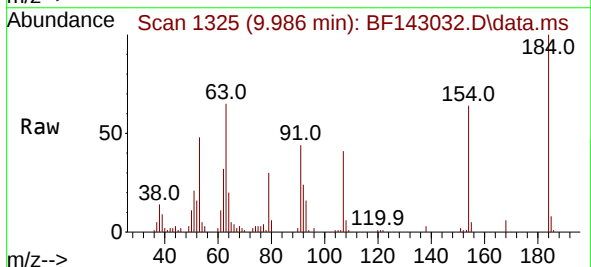
Instrument :
BNA_F
ClientSampleId :
TP-78MS

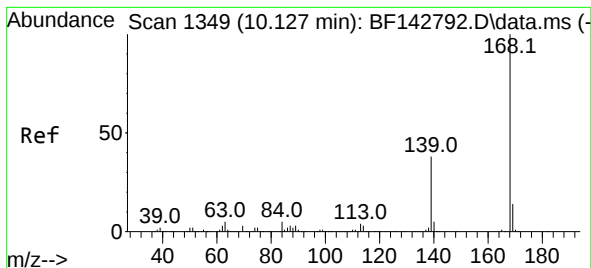
Tgt Ion:138 Resp: 53645
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 102.8 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 42.395 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:184 Resp: 28030
Ion Ratio Lower Upper
184 100
63 65.1 50.6 75.8
154 63.8 51.8 77.8





#55

Dibenzenofuran

Concen: 46.680 ng

RT: 10.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

Instrument :

BNA_F

ClientSampleId :

TP-78MS

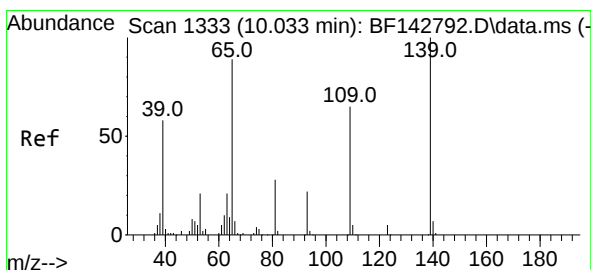
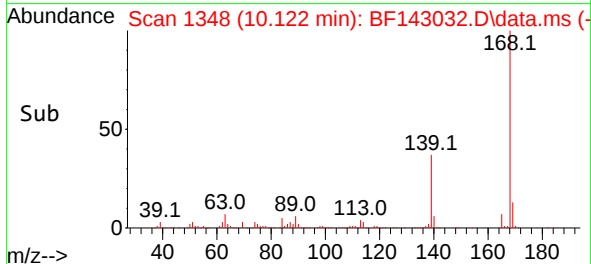
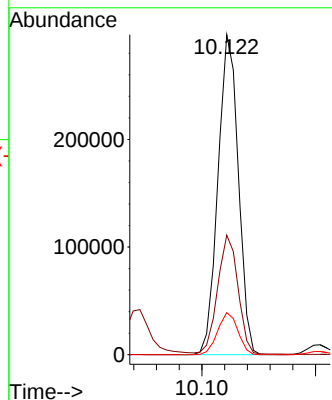
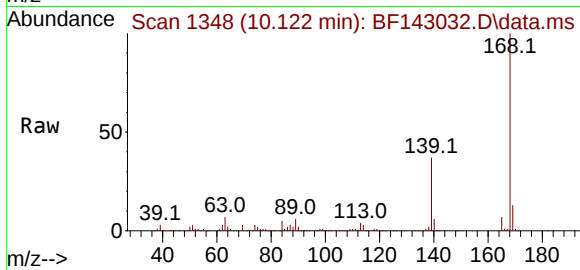
Tgt Ion:168 Resp: 370200

Ion Ratio Lower Upper

168 100

139 37.4 30.2 45.4

169 13.1 10.8 16.2



#56

4-Nitrophenol

Concen: 63.332 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.012 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

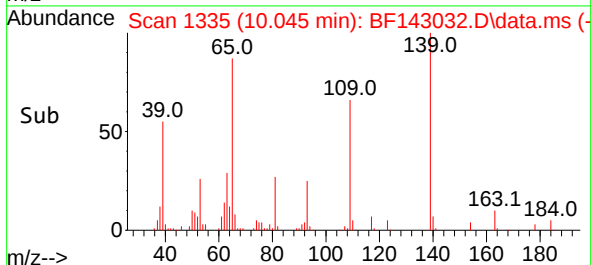
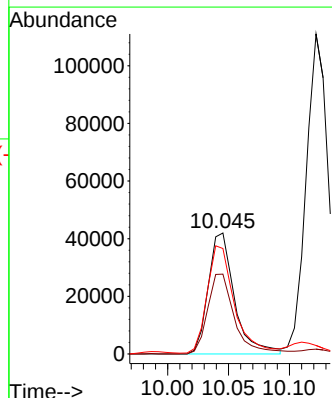
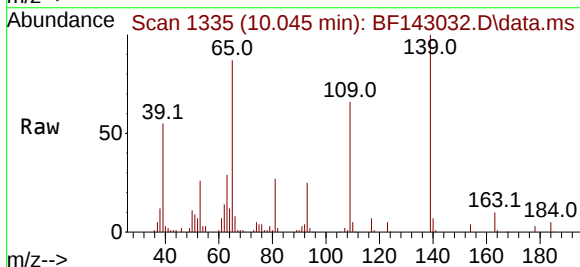
Tgt Ion:139 Resp: 63033

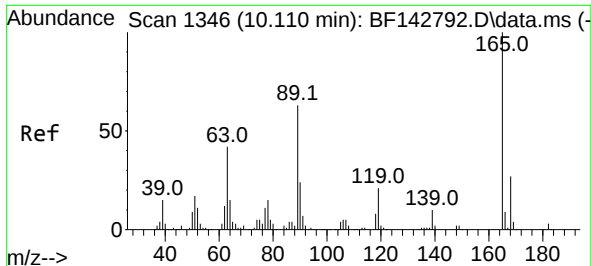
Ion Ratio Lower Upper

139 100

109 66.0 44.7 84.7

65 87.2 69.8 109.8

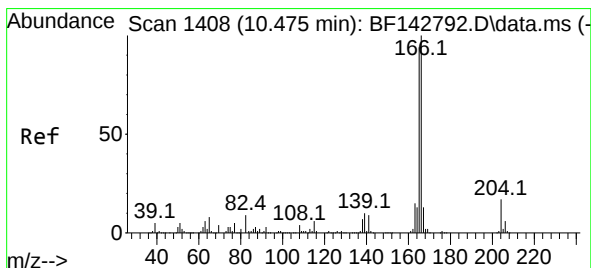
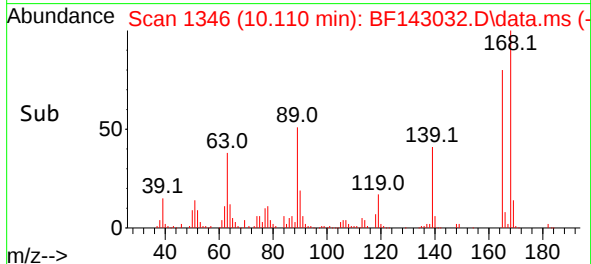
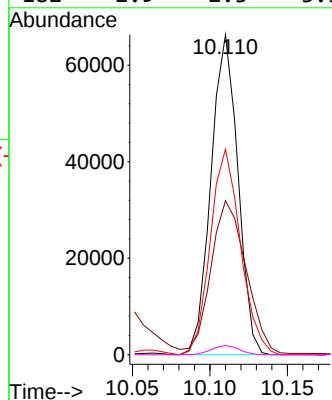
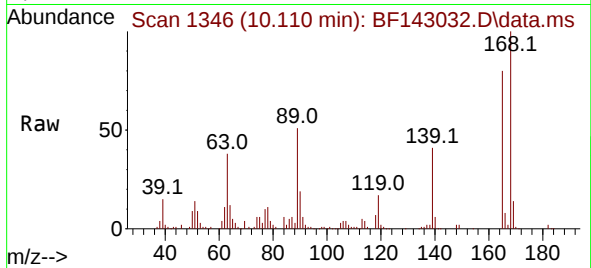




#57
2,4-Dinitrotoluene
Concen: 45.580 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

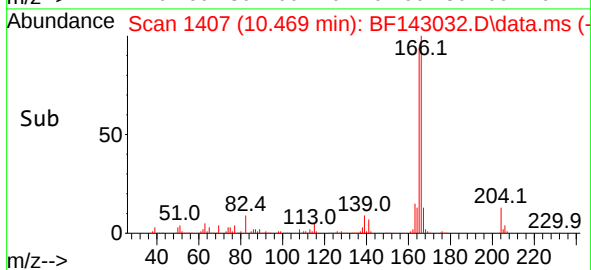
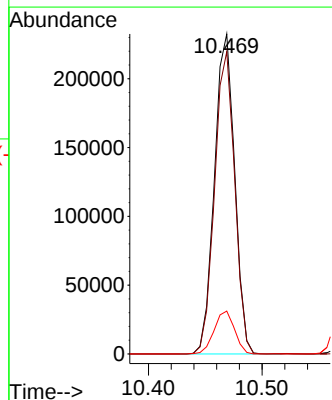
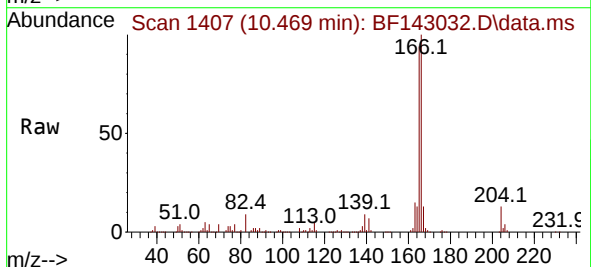
Instrument :
BNA_F
ClientSampleId :
TP-78MS

Tgt Ion:165 Resp: 79943
Ion Ratio Lower Upper
165 100
63 48.1 33.9 50.9
89 64.2 50.6 75.8
182 2.9 2.3 3.5



#58
Fluorene
Concen: 46.416 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:166 Resp: 287484
Ion Ratio Lower Upper
166 100
165 94.4 75.2 112.8
167 13.4 10.6 15.8



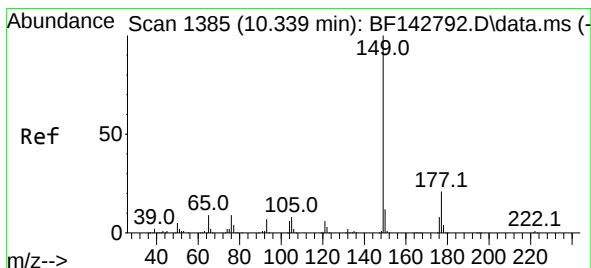
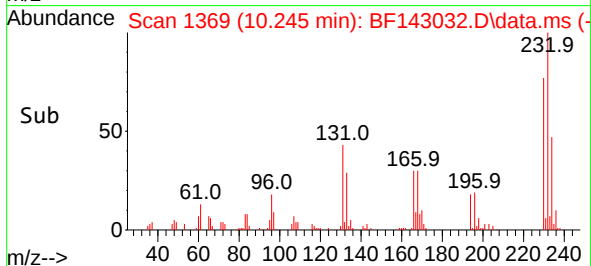
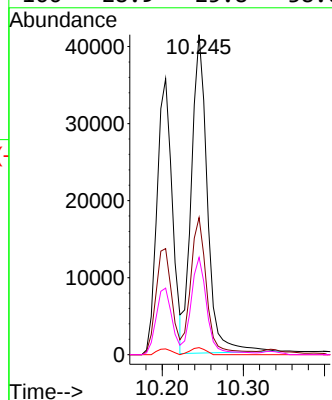
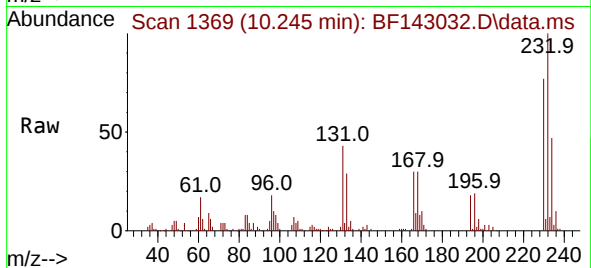


#59
2,3,4,6-Tetrachlorophenol
Concen: 37.374 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Instrument :
BNA_F
ClientSampleId :
TP-78MS

Tgt Ion:232 Resp: 56637

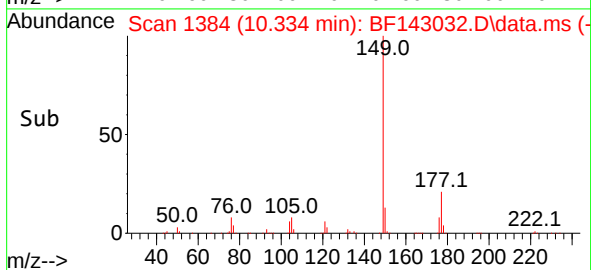
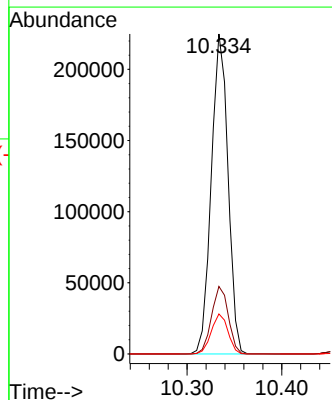
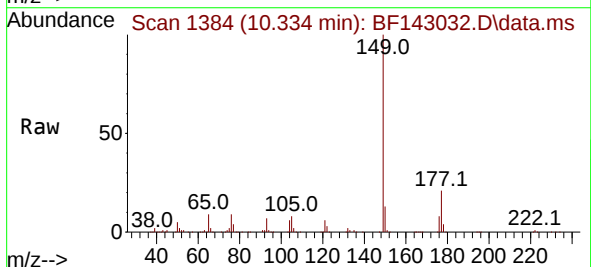
Ion	Ratio	Lower	Upper
232	100		
131	43.8	37.6	56.4
130	2.1	1.7	2.5
166	28.9	25.8	38.6

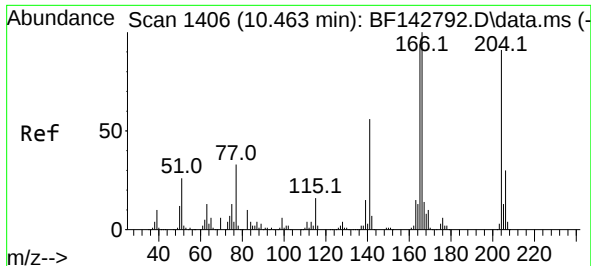


#60
Diethylphthalate
Concen: 46.806 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:149 Resp: 275934

Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.0	25.6
150	12.5	9.8	14.6

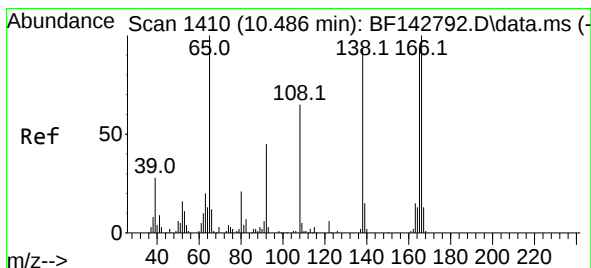
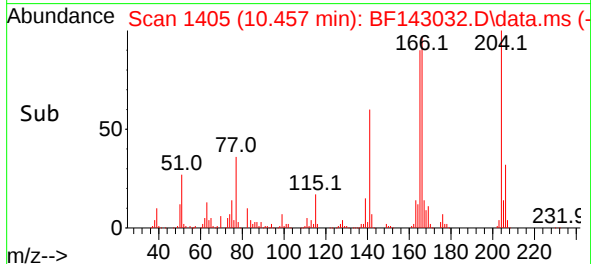
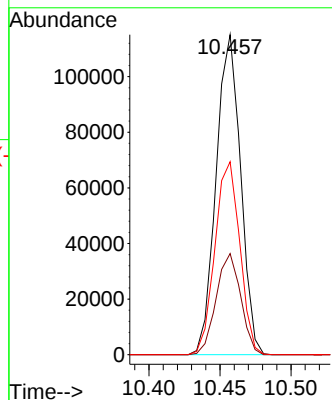
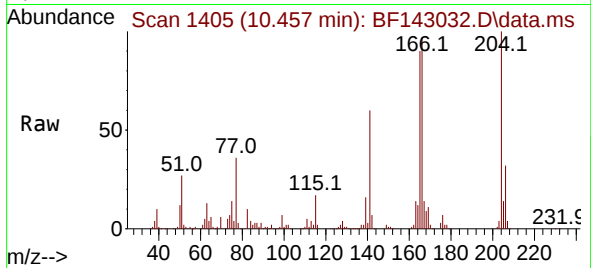




#61
4-Chlorophenyl-phenylether
Concen: 46.689 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

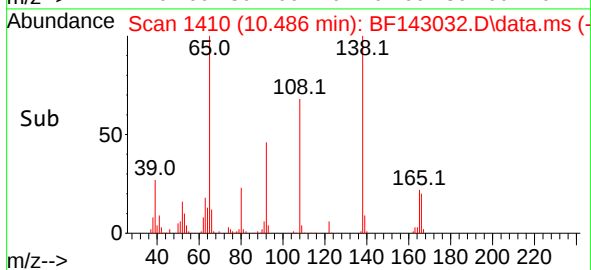
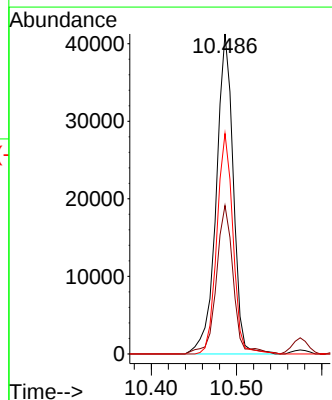
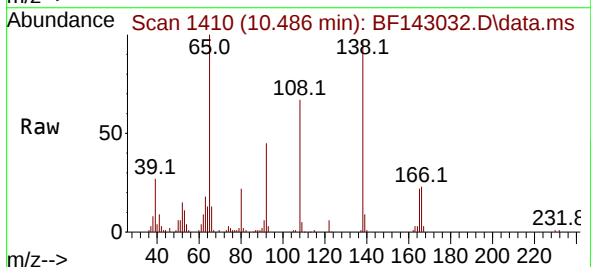
Instrument :
BNA_F
ClientSampleId :
TP-78MS

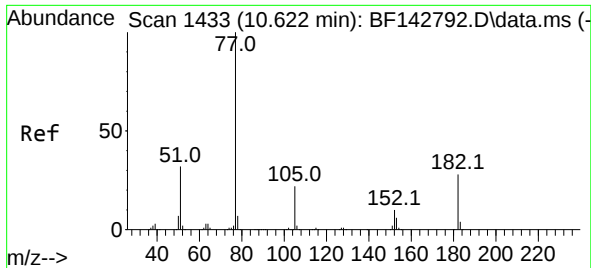
Tgt Ion:204 Resp: 137990
Ion Ratio Lower Upper
204 100
206 31.6 26.3 39.5
141 60.3 49.1 73.7



#62
4-Nitroaniline
Concen: 43.282 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:138 Resp: 57548
Ion Ratio Lower Upper
138 100
92 46.4 28.4 68.4
108 68.9 50.2 90.2

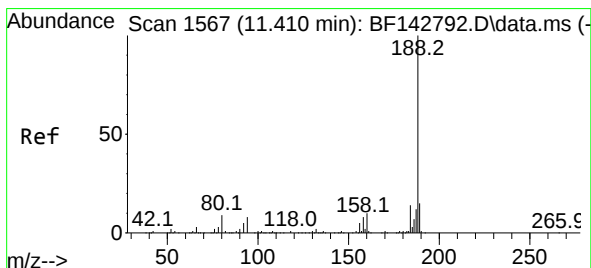
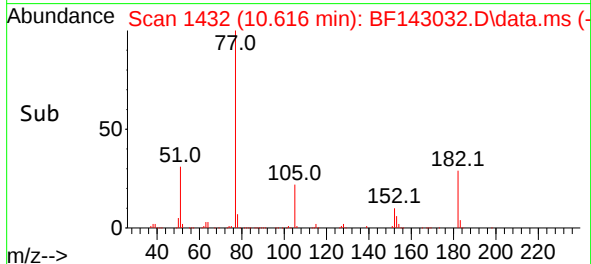
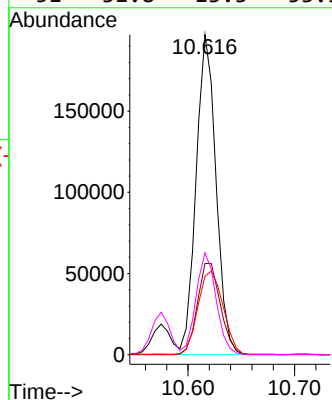
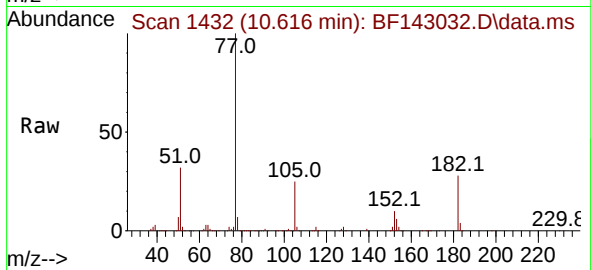




#63
Azobenzene
Concen: 48.562 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

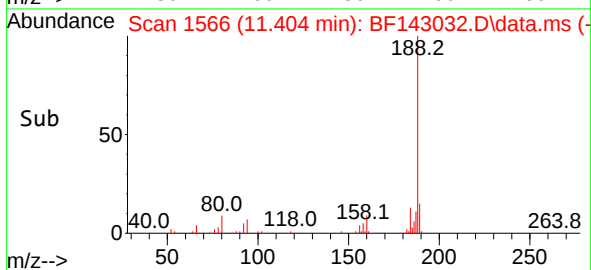
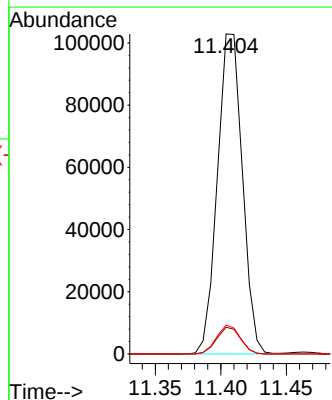
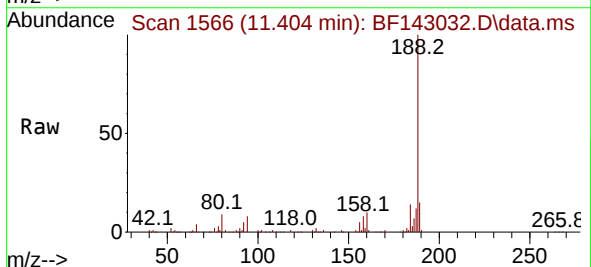
Instrument :
BNA_F
ClientSampleId :
TP-78MS

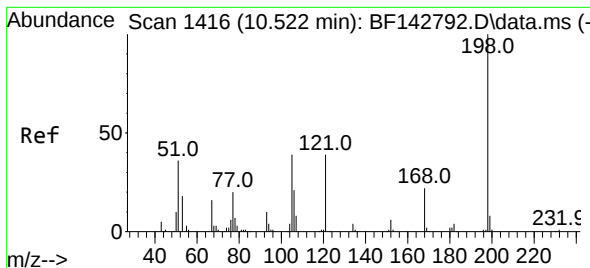
Tgt Ion:	77	Resp:	255869
Ion	Ratio	Lower	Upper
77	100		
182	28.5	7.7	47.7
105	24.5	1.9	41.9
51	31.8	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:	188	Resp:	136328
Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	9.0	6.9	10.3

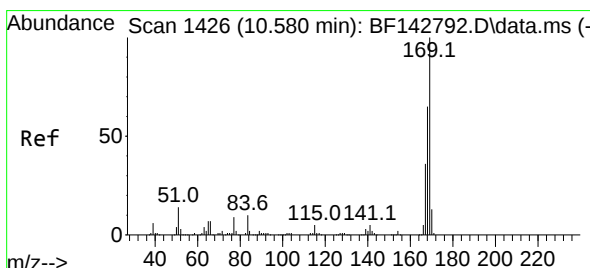
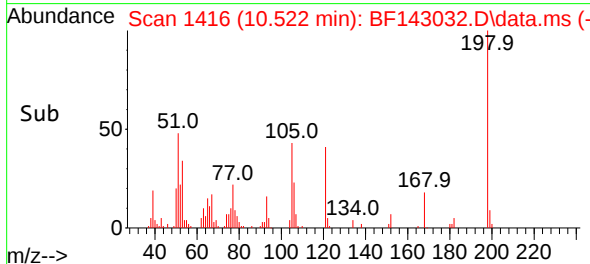
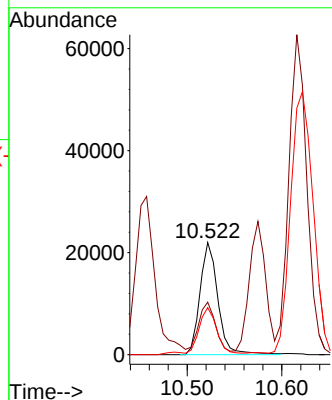
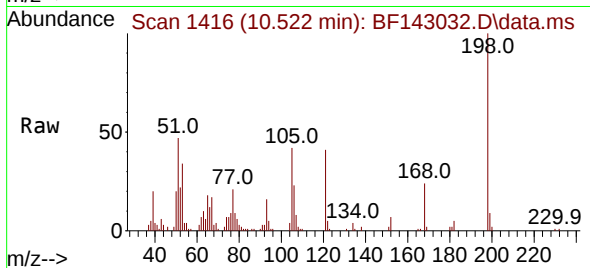




#65
4,6-Dinitro-2-methylphenol
Concen: 35.114 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

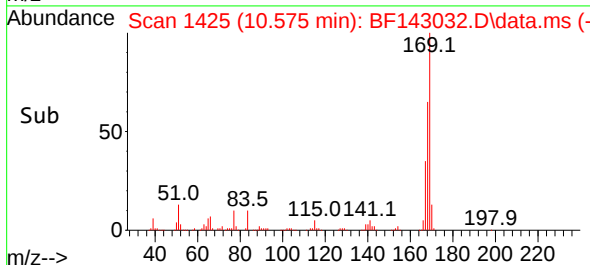
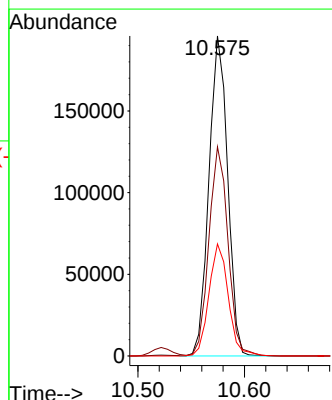
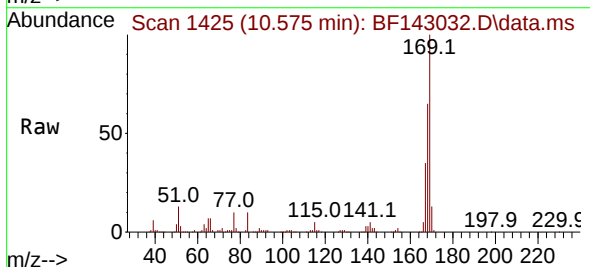
Instrument :
BNA_F
ClientSampleId :
TP-78MS

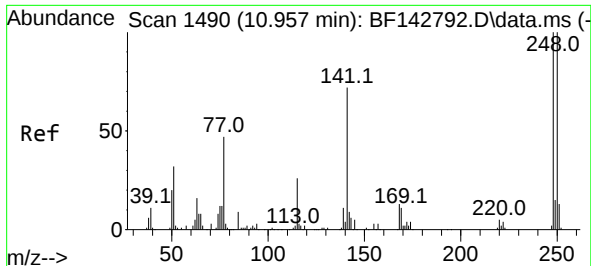
Tgt Ion:198 Resp: 28955
Ion Ratio Lower Upper
198 100
51 46.8 25.4 65.4
105 41.9 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 50.478 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:169 Resp: 238497
Ion Ratio Lower Upper
169 100
168 65.3 51.9 77.9
167 35.0 28.5 42.7

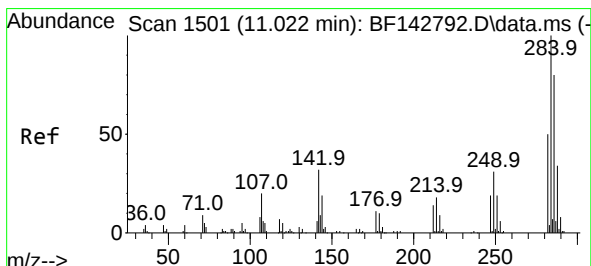
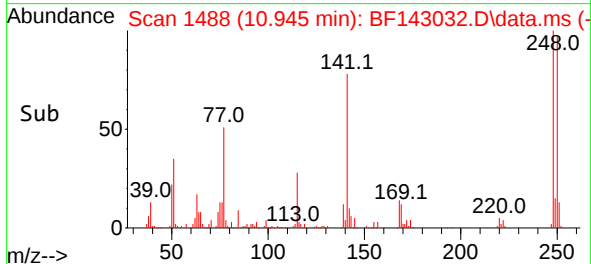
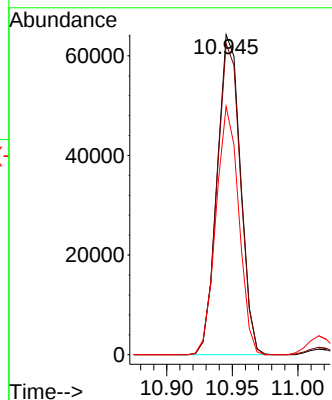
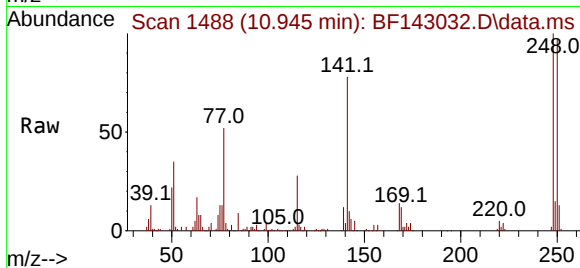




#67
4-Bromophenyl-phenylether
Concen: 51.298 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.012 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

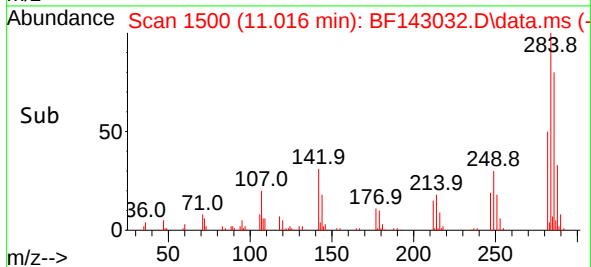
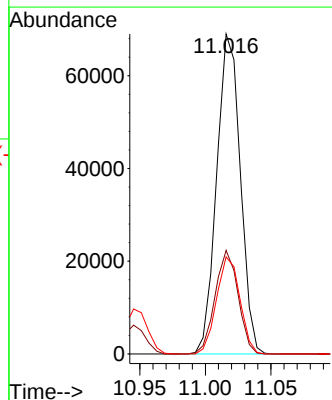
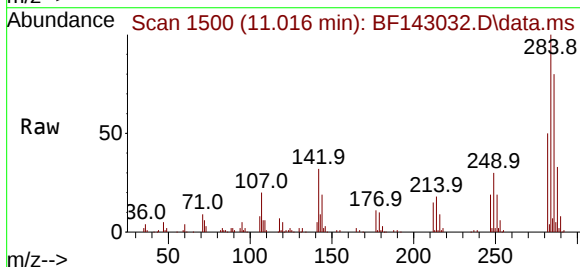
Instrument :
BNA_F
ClientSampleId :
TP-78MS

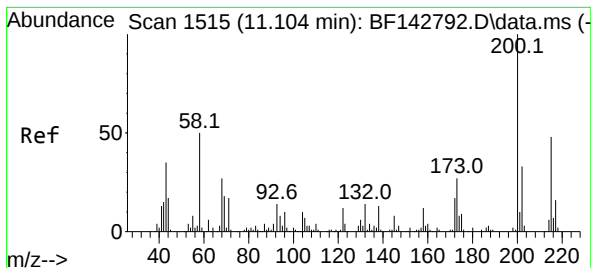
Tgt Ion:248 Resp: 79591
Ion Ratio Lower Upper
248 100
250 97.2 79.8 119.8
141 77.6 57.8 86.6



#68
Hexachlorobenzene
Concen: 50.106 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:284 Resp: 86383
Ion Ratio Lower Upper
284 100
142 32.3 25.5 38.3
249 30.4 24.9 37.3





#69

Atrazine

Concen: 50.163 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

Instrument :

BNA_F

ClientSampleId :

TP-78MS

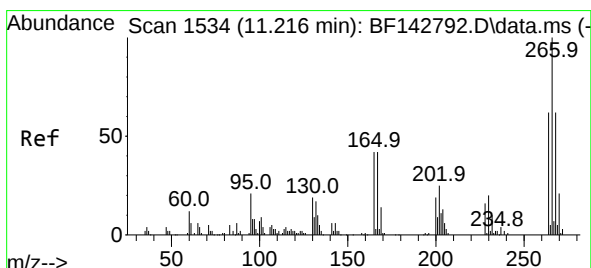
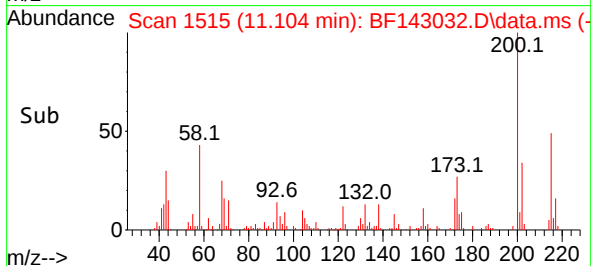
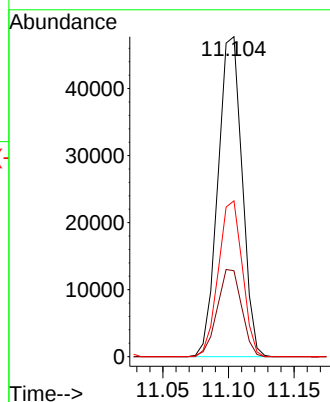
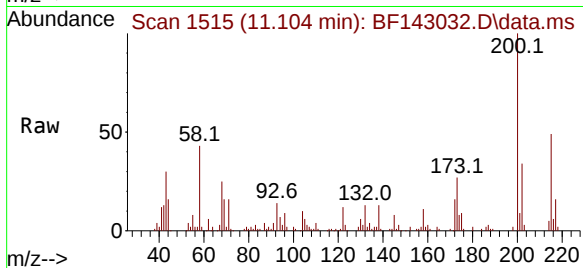
Tgt Ion:200 Resp: 61204

Ion Ratio Lower Upper

200 100

173 26.9 7.4 47.4

215 48.7 28.4 68.4



#70

Pentachlorophenol

Concen: 54.284 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

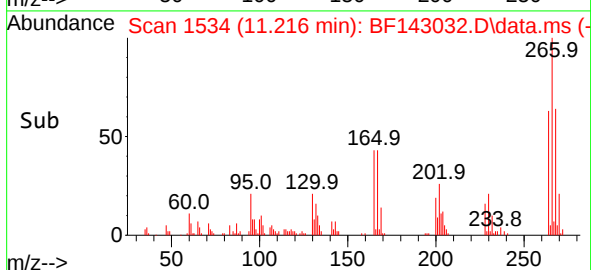
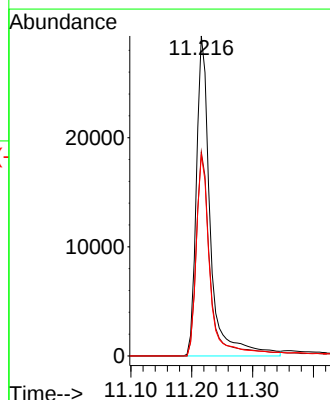
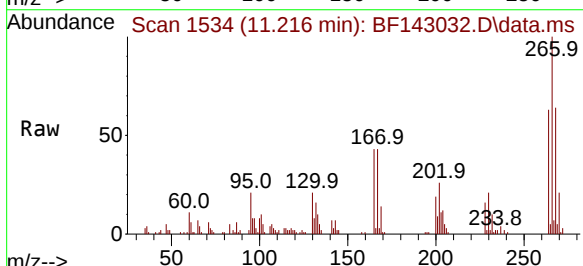
Tgt Ion:266 Resp: 46634

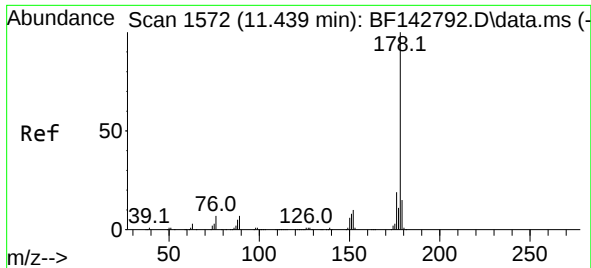
Ion Ratio Lower Upper

266 100

268 63.7 49.8 74.8

264 62.9 49.9 74.9

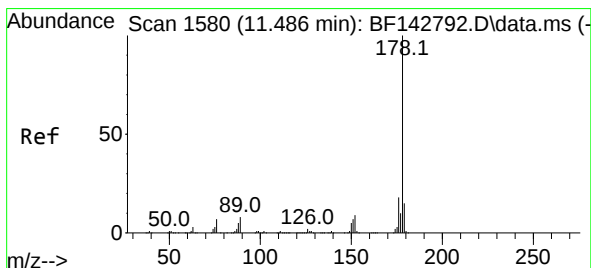
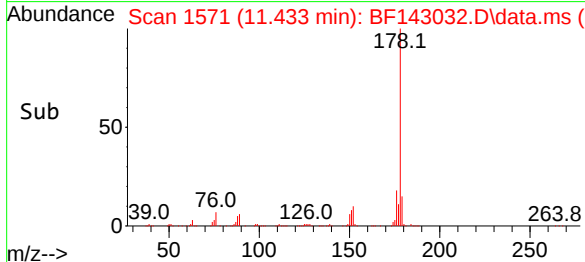
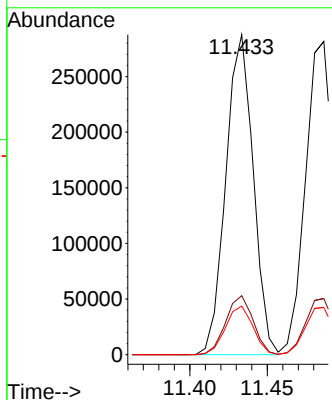
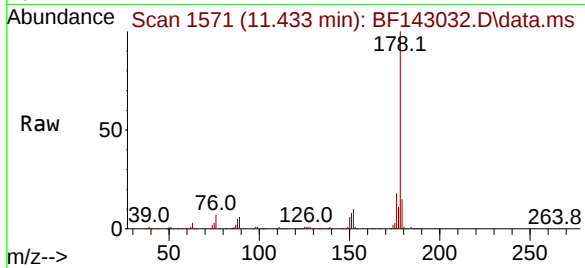




#71
Phenanthrene
Concen: 47.915 ng
RT: 11.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

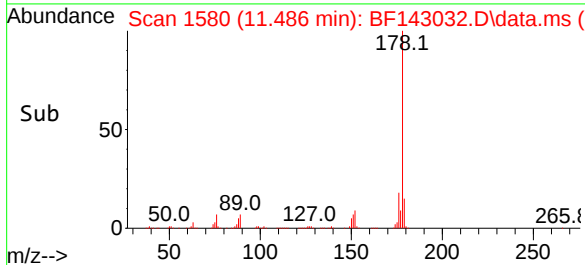
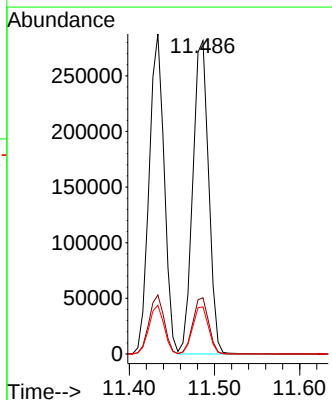
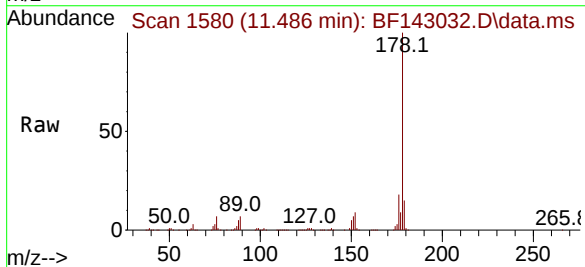
Instrument :
BNA_F
ClientSampleId :
TP-78MS

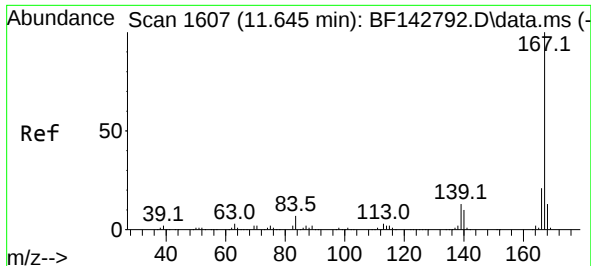
Tgt Ion:178 Resp: 353850
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 15.2 12.0 18.0



#72
Anthracene
Concen: 47.884 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

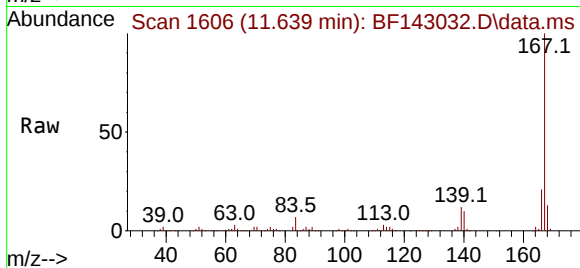
Tgt Ion:178 Resp: 362667
Ion Ratio Lower Upper
178 100
176 17.9 14.6 21.8
179 15.1 12.4 18.6



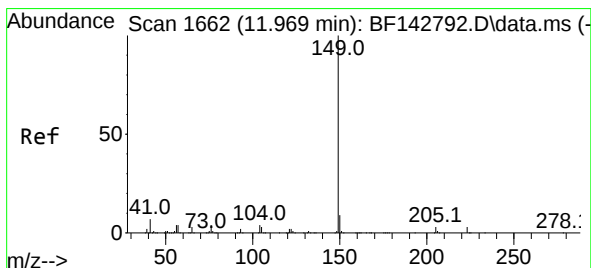
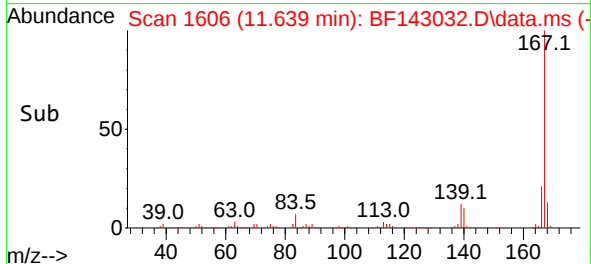
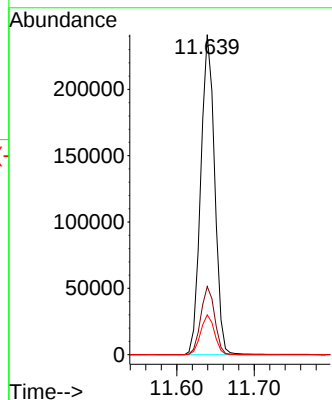


#73
 Carbazole
 Concen: 45.925 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF143032.D
 Acq: 08 Jul 2025 14:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-78MS

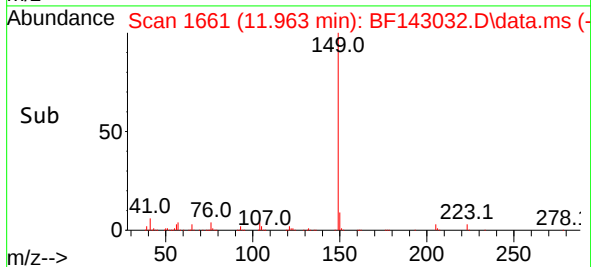
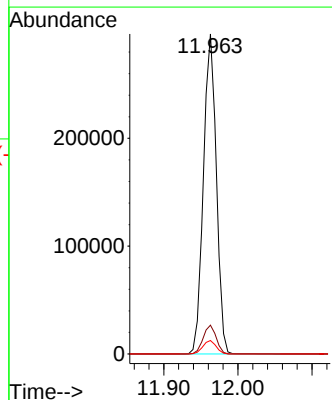
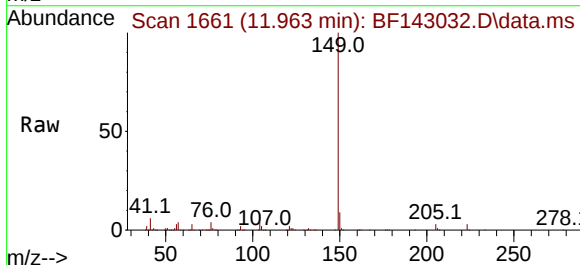


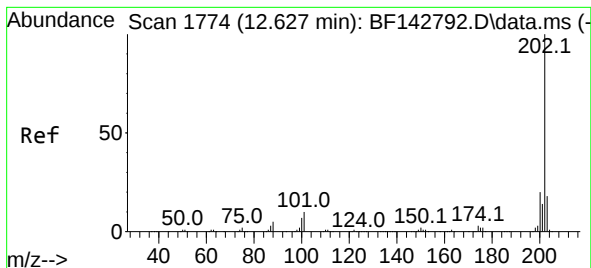
Tgt Ion:167 Resp: 300163
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 12.5 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 52.847 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF143032.D
 Acq: 08 Jul 2025 14:32

Tgt Ion:149 Resp: 359829
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.2 3.5 5.3





#75

Fluoranthene

Concen: 45.296 ng

RT: 12.622 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

Instrument :

BNA_F

ClientSampleId :

TP-78MS

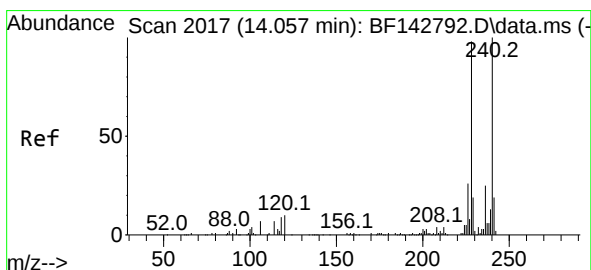
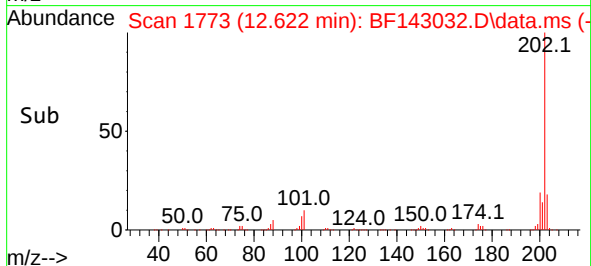
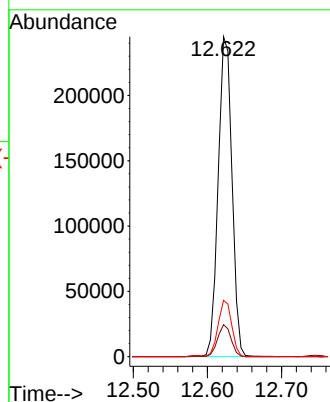
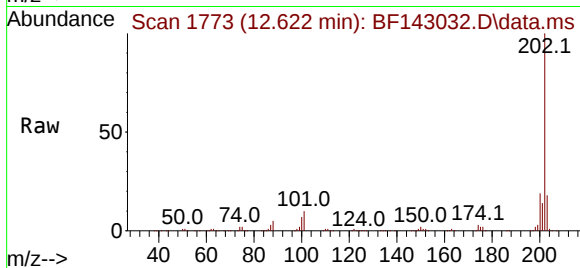
Tgt Ion:202 Resp: 317461

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.7

203 17.6 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: BF143032.D

Acq: 08 Jul 2025 14:32

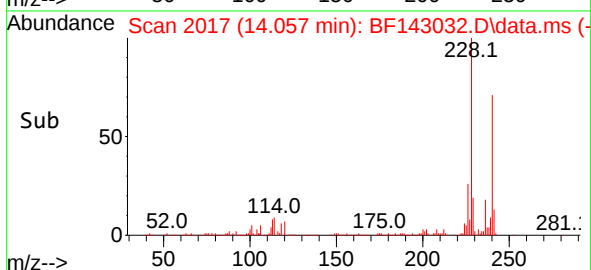
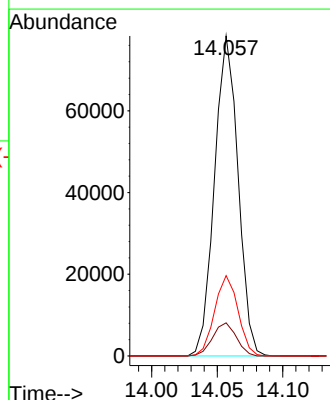
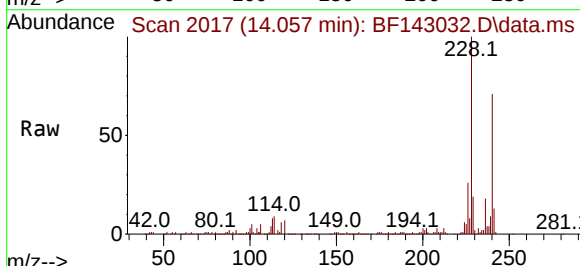
Tgt Ion:240 Resp: 97647

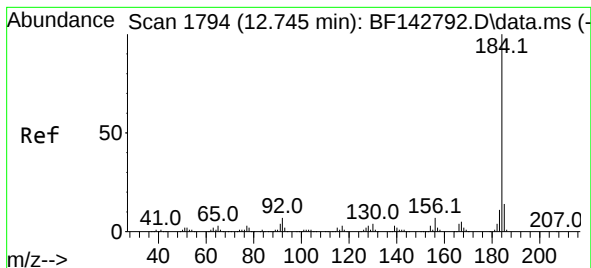
Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

236 25.1 19.8 29.8





#77

Benzidine

Concen: 56.166 ng

RT: 12.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

Instrument :

BNA_F

ClientSampleId :

TP-78MS

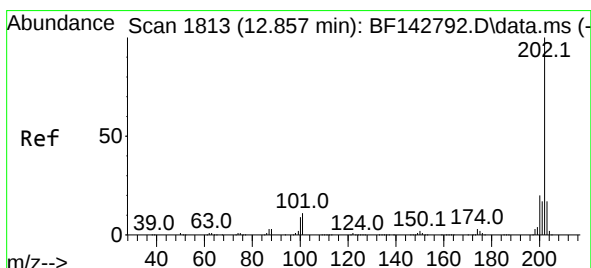
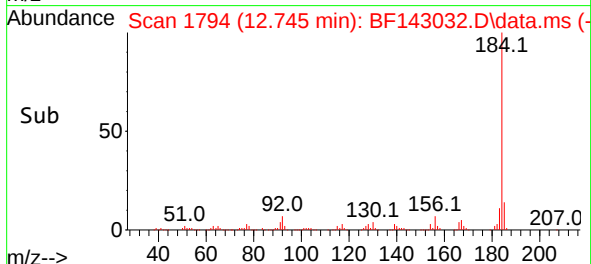
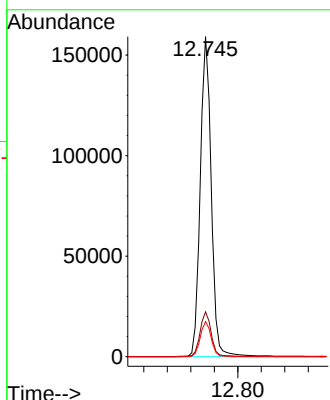
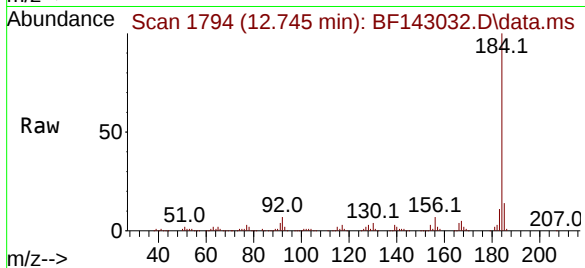
Tgt Ion:184 Resp: 206056

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

183 11.0 9.0 13.4



#78

Pyrene

Concen: 34.647 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

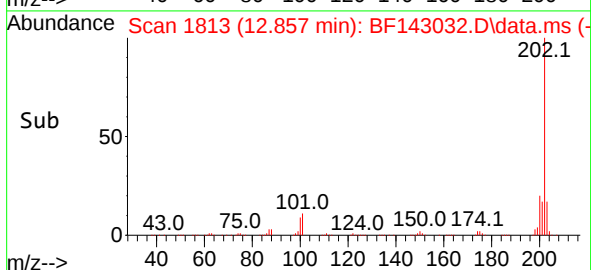
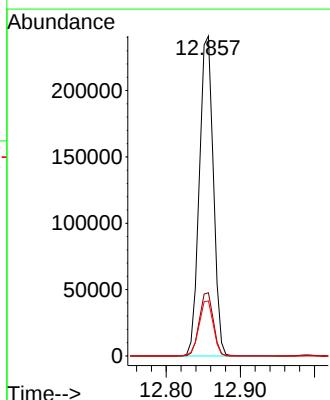
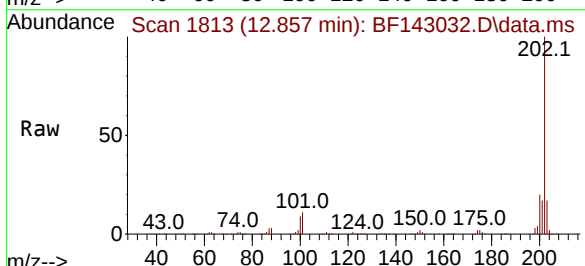
Tgt Ion:202 Resp: 317116

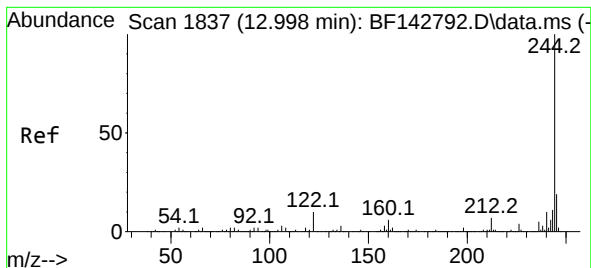
Ion Ratio Lower Upper

202 100

200 19.7 15.7 23.5

203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 35.887 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

Instrument :

BNA_F

ClientSampleId :

TP-78MS

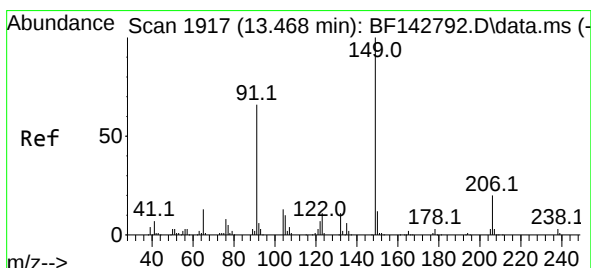
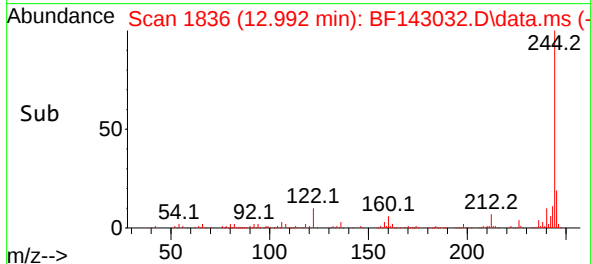
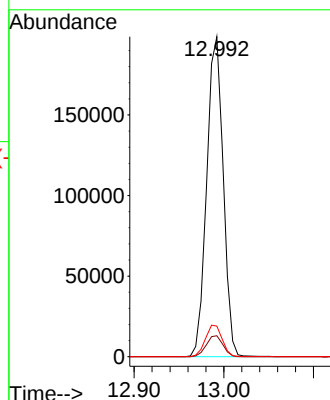
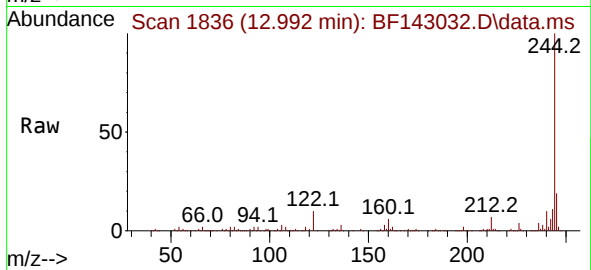
Tgt Ion:244 Resp: 253616

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 9.5 8.2 12.2



#80

Butylbenzylphthalate

Concen: 48.305 ng

RT: 13.463 min Scan# 1916

Delta R.T. -0.006 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

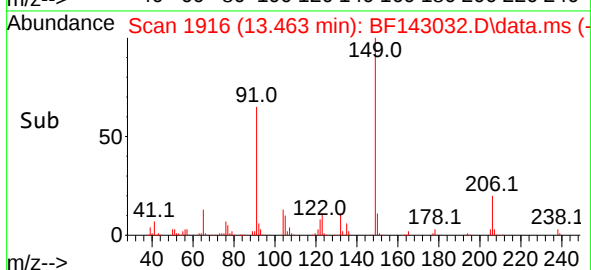
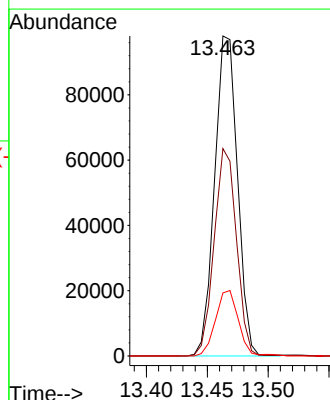
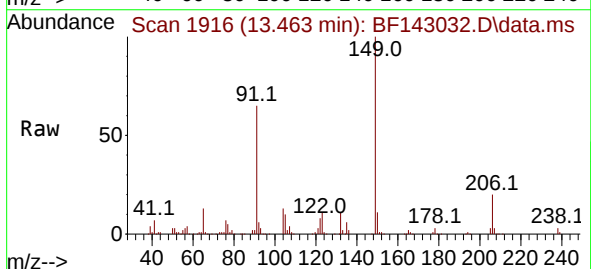
Tgt Ion:149 Resp: 128249

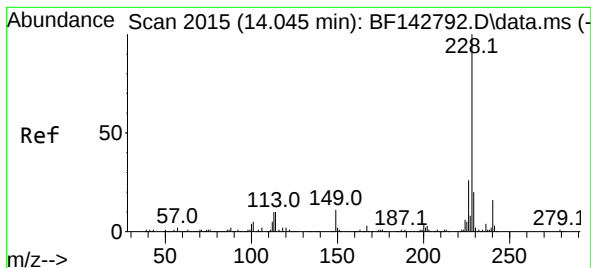
Ion Ratio Lower Upper

149 100

91 64.8 52.9 79.3

206 19.7 16.3 24.5





#81

Benzo(a)anthracene

Concen: 46.282 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

Instrument :

BNA_F

ClientSampleId :

TP-78MS

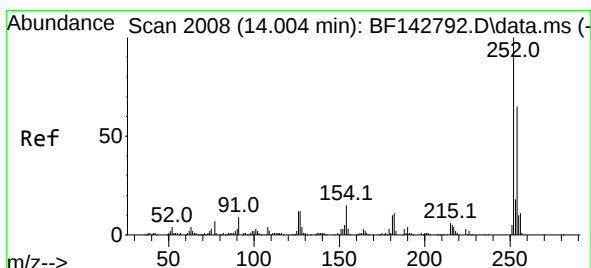
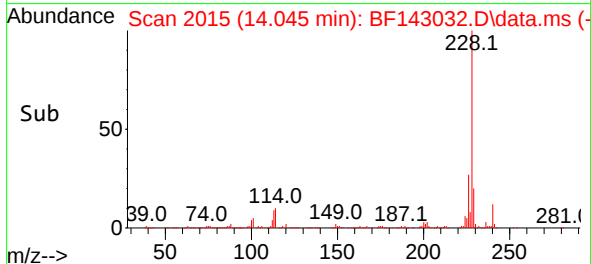
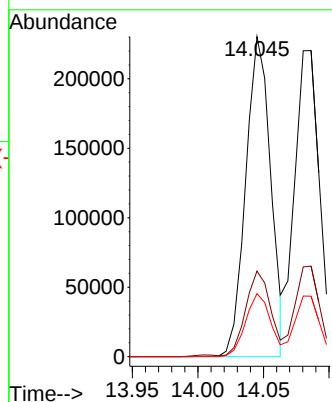
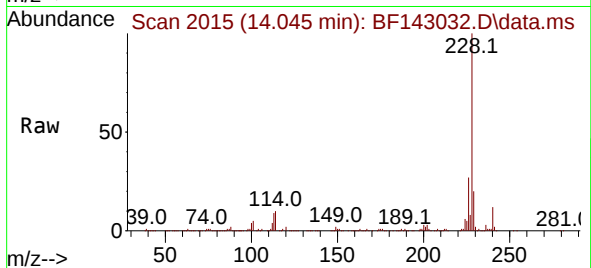
Tgt Ion:228 Resp: 304878

Ion Ratio Lower Upper

228 100

226 26.7 21.2 31.8

229 19.7 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 37.048 ng

RT: 14.004 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

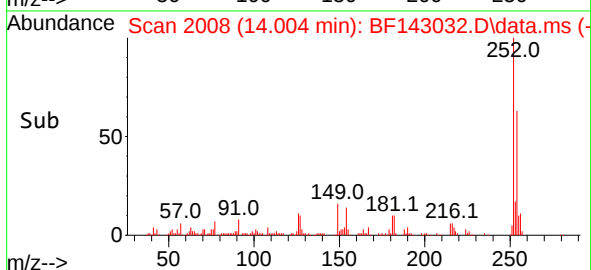
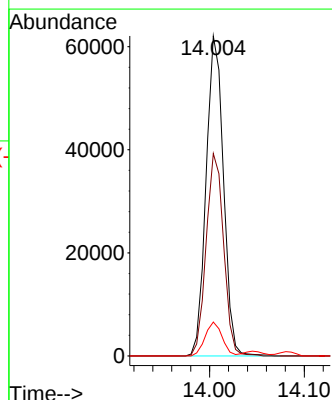
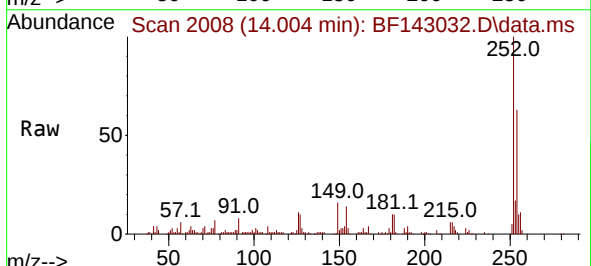
Tgt Ion:252 Resp: 79159

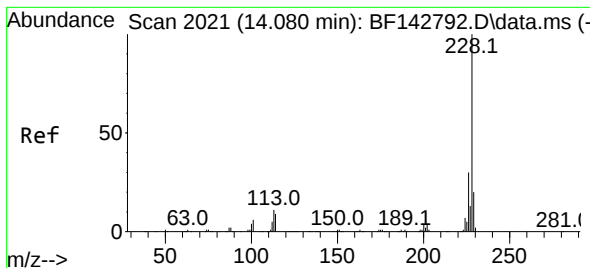
Ion Ratio Lower Upper

252 100

254 63.3 51.7 77.5

126 10.6 9.4 14.2





#83

Chrysene

Concen: 49.468 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

Instrument :

BNA_F

ClientSampleId :

TP-78MS

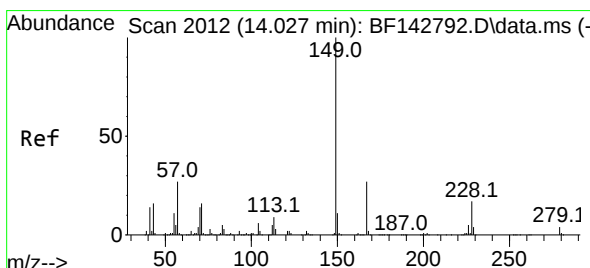
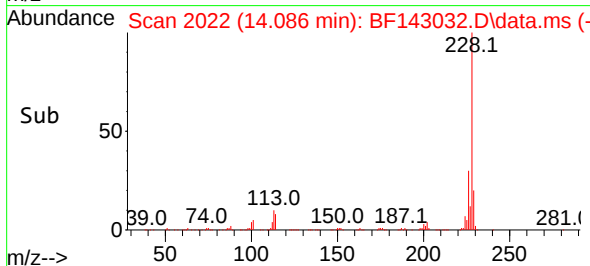
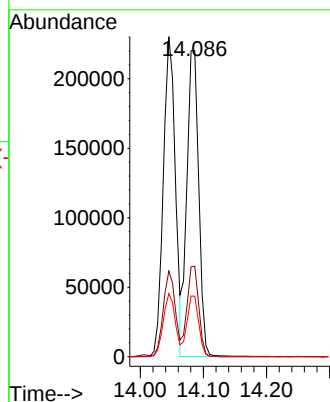
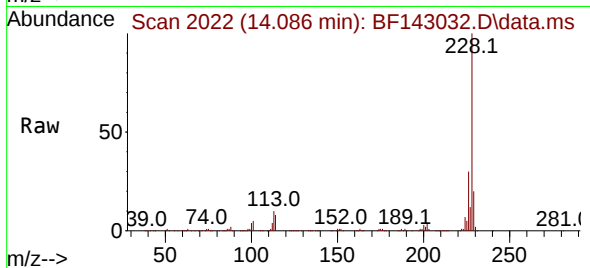
Tgt Ion:228 Resp: 290774

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.223 ng

RT: 14.022 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF143032.D

Acq: 08 Jul 2025 14:32

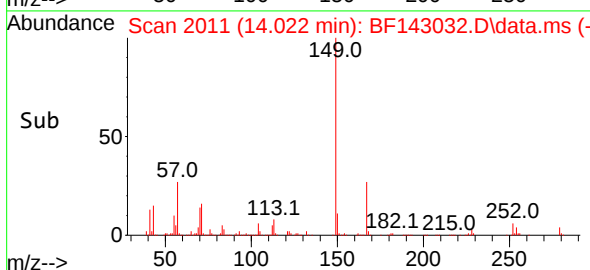
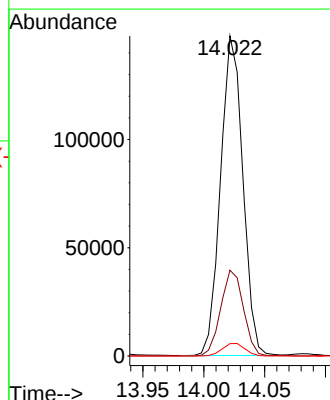
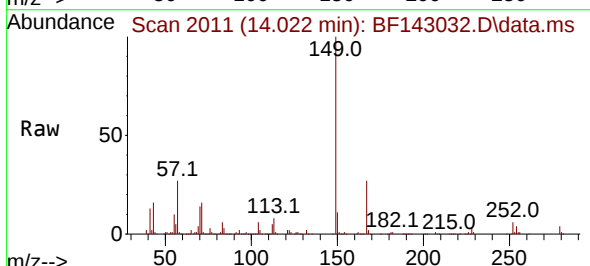
Tgt Ion:149 Resp: 188029

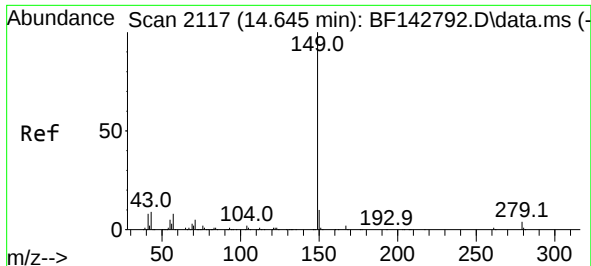
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 3.9 3.0 4.6

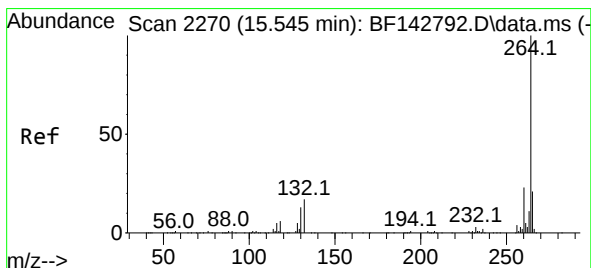
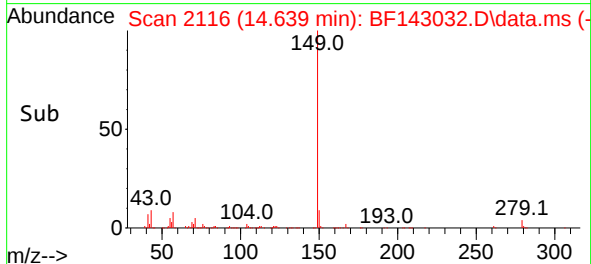
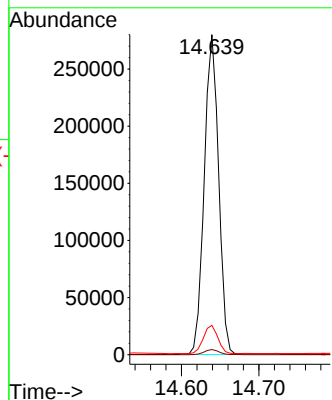
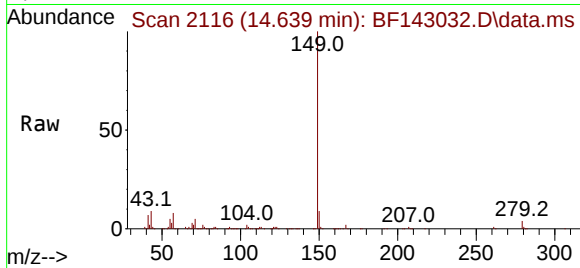




#85
Di-n-octyl phthalate
Concen: 50.053 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

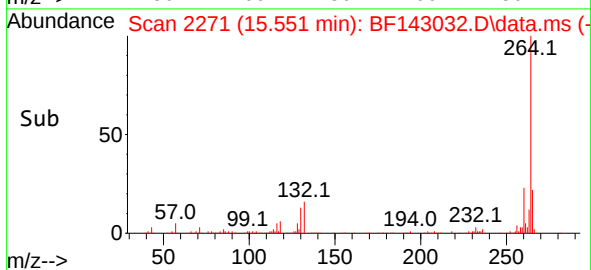
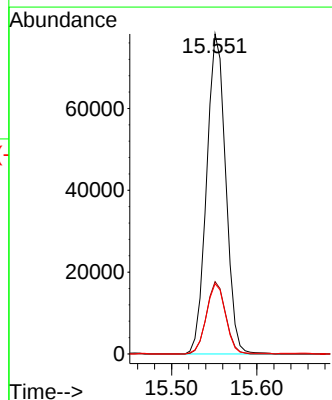
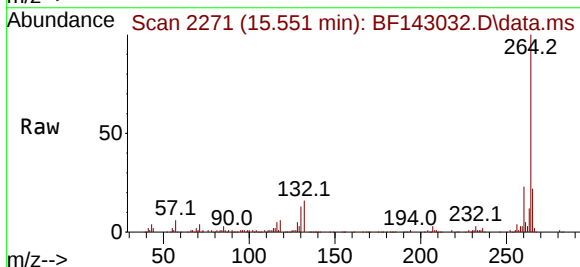
Instrument :
BNA_F
ClientSampleId :
TP-78MS

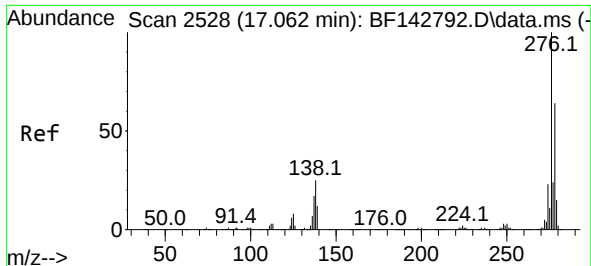
Tgt Ion:149 Resp: 360532
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.9 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:264 Resp: 121597
Ion Ratio Lower Upper
264 100
260 22.6 18.1 27.1
265 22.0 16.6 25.0

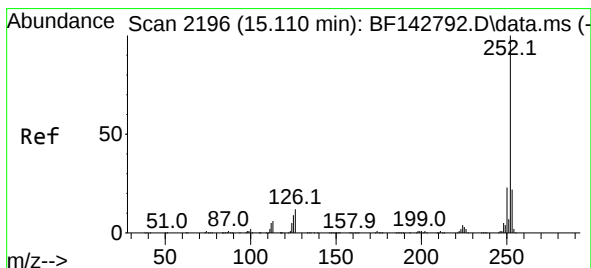
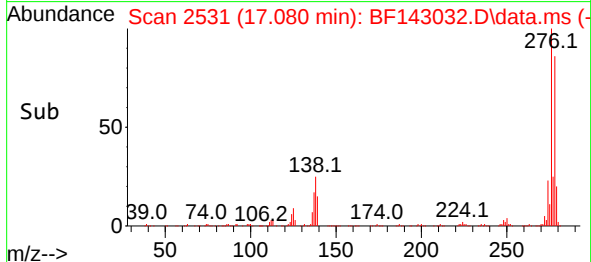
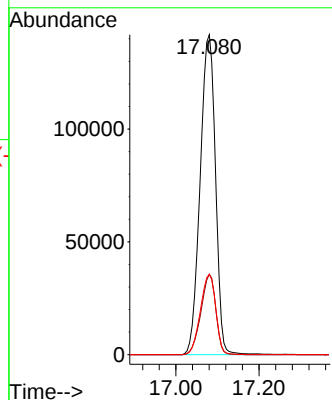
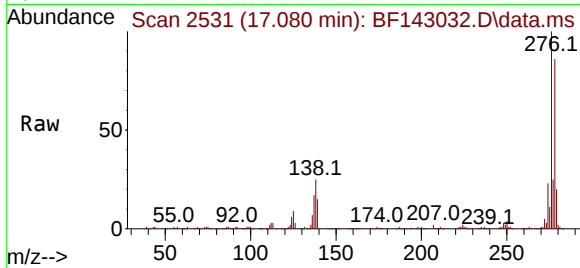




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.272 ng
RT: 17.080 min Scan# 2197
Delta R.T. 0.018 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

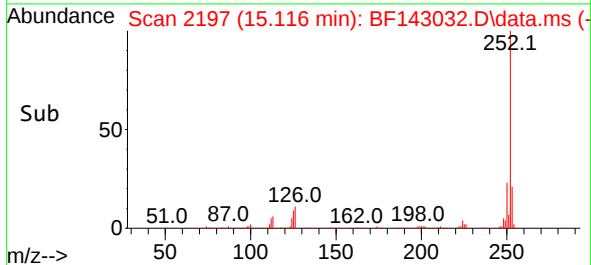
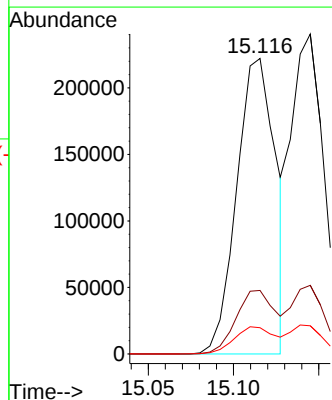
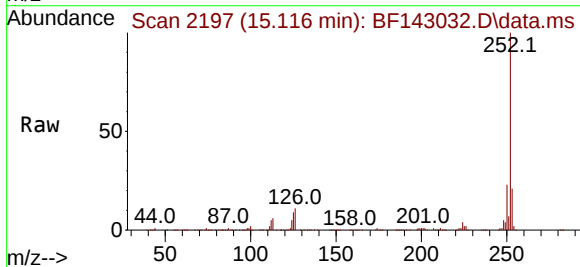
Instrument :
BNA_F
ClientSampleId :
TP-78MS

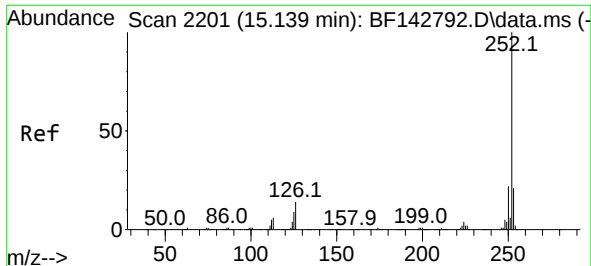
Tgt Ion:276 Resp: 363735
Ion Ratio Lower Upper
276 100
138 24.3 20.2 30.4
277 25.1 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 50.165 ng
RT: 15.116 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:252 Resp: 352967
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 8.9 7.4 11.0

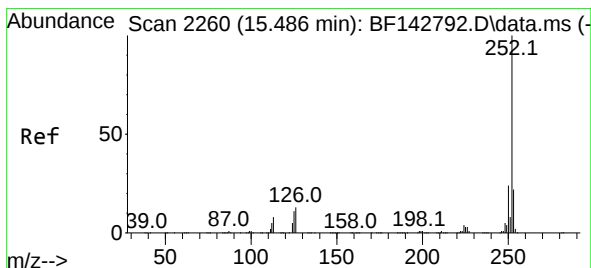
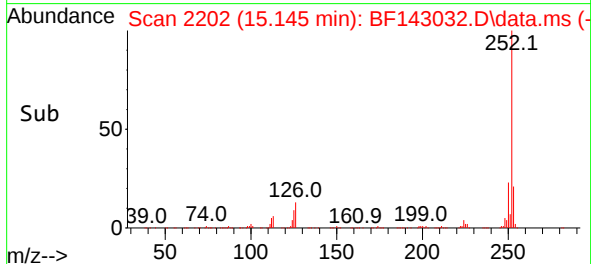
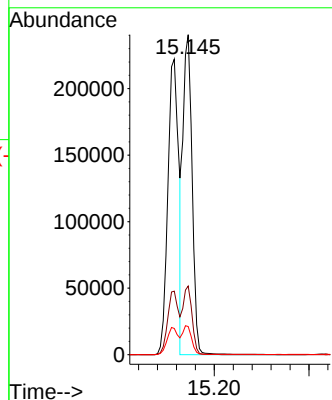
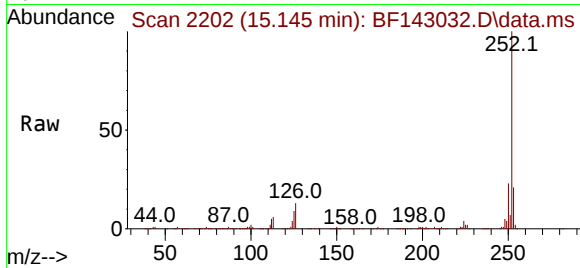




#89
Benzo(k)fluoranthene
Concen: 49.257 ng
RT: 15.145 min Scan# 2201
Delta R.T. 0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

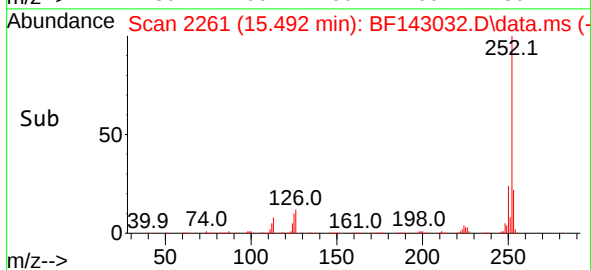
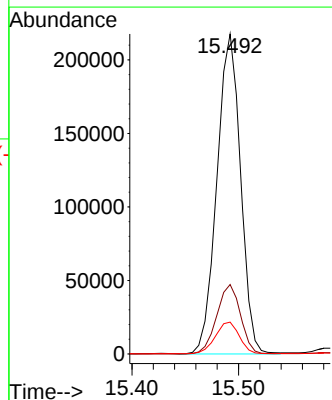
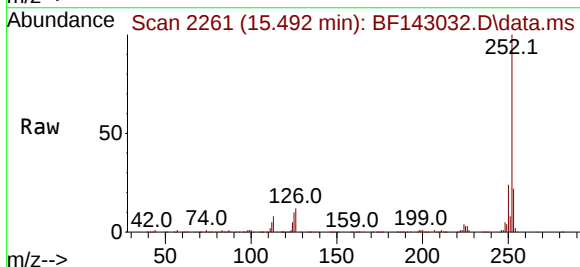
Instrument :
BNA_F
ClientSampleId :
TP-78MS

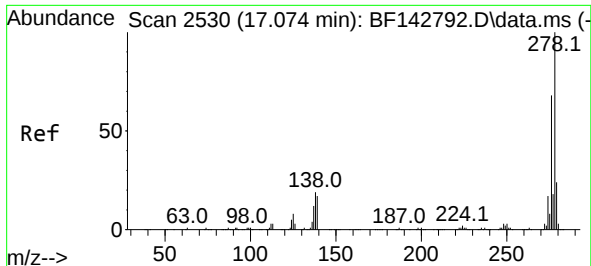
Tgt Ion:252 Resp: 324249
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 8.8 7.4 11.2



#90
Benzo(a)pyrene
Concen: 49.318 ng
RT: 15.492 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:252 Resp: 335231
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.9 8.6 12.8

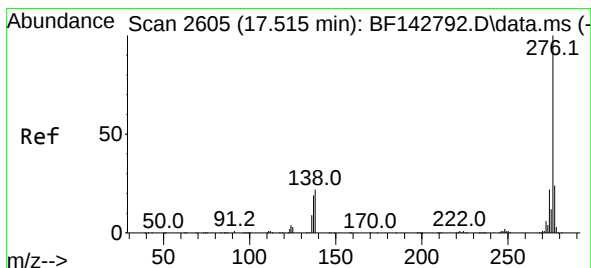
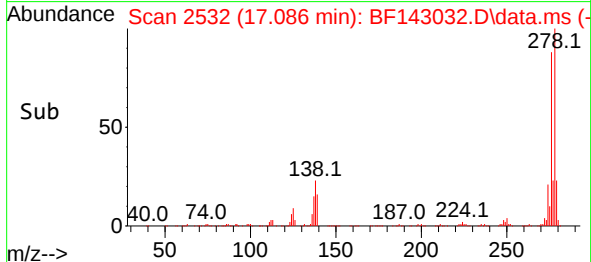
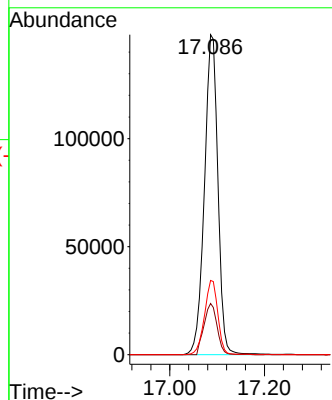
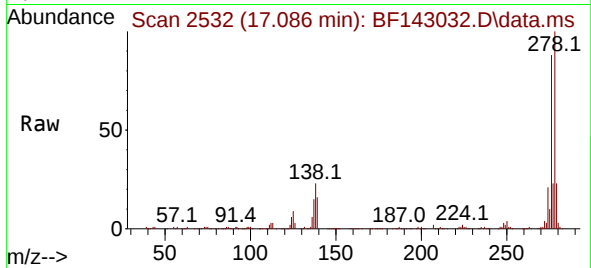




#91
Dibenzo(a,h)anthracene
Concen: 38.887 ng
RT: 17.086 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Instrument :
BNA_F
ClientSampleId :
TP-78MS

Tgt Ion:278 Resp: 292642
Ion Ratio Lower Upper
278 100
139 16.0 13.5 20.3
279 23.2 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 36.569 ng
RT: 17.533 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF143032.D
Acq: 08 Jul 2025 14:32

Tgt Ion:276 Resp: 274419
Ion Ratio Lower Upper
276 100
277 23.0 18.8 28.2
138 19.9 17.6 26.4

