

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103025\
 Data File : BF144150.D
 Acq On : 30 Oct 2025 20:05
 Operator : RC/JU
 Sample : Q3486-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP5MSD

Quant Time: Oct 31 01:01:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	65361	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	240508	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	125865	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	186796	20.000	ng	0.00
76) Chrysene-d12	14.057	240	164706	20.000	ng	0.00
86) Perylene-d12	15.539	264	218183	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	382979	92.703	ng	0.01
7) Phenol-d6	6.510	99	432647	94.826	ng	0.00
23) Nitrobenzene-d5	7.439	82	279491	63.667	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	138264	86.238	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	540695	60.452	ng	0.00
79) Terphenyl-d14	12.992	244	438361	46.528	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	67363	37.734	ng	98
3) Pyridine	3.451	79	188067	39.350	ng	97
4) n-Nitrosodimethylamine	3.398	42	116448	39.652	ng	91
6) Aniline	6.539	93	180019	27.579	ng	96
8) 2-Chlorophenol	6.663	128	169758	41.725	ng	99
9) Benzaldehyde	6.428	77	118020	33.316	ng	98
10) Phenol	6.522	94	229816	40.828	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	183677	45.159	ng	96
12) 1,3-Dichlorobenzene	6.816	146	218136	43.465	ng	99
13) 1,4-Dichlorobenzene	6.898	146	216004	43.673	ng	98
14) 1,2-Dichlorobenzene	7.045	146	212559	44.416	ng	100
15) Benzyl Alcohol	7.016	79	166294	44.825	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	336671	44.042	ng	98
17) 2-Methylphenol	7.128	107	136258	43.545	ng	95
18) Hexachloroethane	7.386	117	72129	40.791	ng	97
19) n-Nitroso-di-n-propyla...	7.286	70	133804	45.351	ng	92
20) 3+4-Methylphenols	7.281	107	159150	43.024	ng	90
22) Acetophenone	7.286	105	229490	44.152	ng	95
24) Nitrobenzene	7.457	77	202769	43.664	ng	99
25) Isophorone	7.698	82	347779	45.314	ng	99
26) 2-Nitrophenol	7.775	139	99058	44.840	ng	96
27) 2,4-Dimethylphenol	7.810	122	165469	50.403	ng	96
28) bis(2-Chloroethoxy)met...	7.904	93	214826	44.884	ng	98
29) 2,4-Dichlorophenol	8.016	162	160797	42.118	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	180536	45.966	ng	99
31) Naphthalene	8.181	128	488800	43.061	ng	99
32) Benzoic acid	7.922	122	81058	38.925	ng	# 85
33) 4-Chloroaniline	8.233	127	49321	12.481	ng	96
34) Hexachlorobutadiene	8.298	225	129642	40.367	ng	99
35) Caprolactam	8.592	113	40084	41.868	ng	# 84
36) 4-Chloro-3-methylphenol	8.716	107	142819	42.391	ng	97
37) 2-Methylnaphthalene	8.875	142	301414	40.274	ng	97
38) 1-Methylnaphthalene	8.975	142	298099	42.042	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	186302	43.068	ng	100
41) Hexachlorocyclopentadiene	9.028	237	170716	127.776	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	122972	43.736	ng	99

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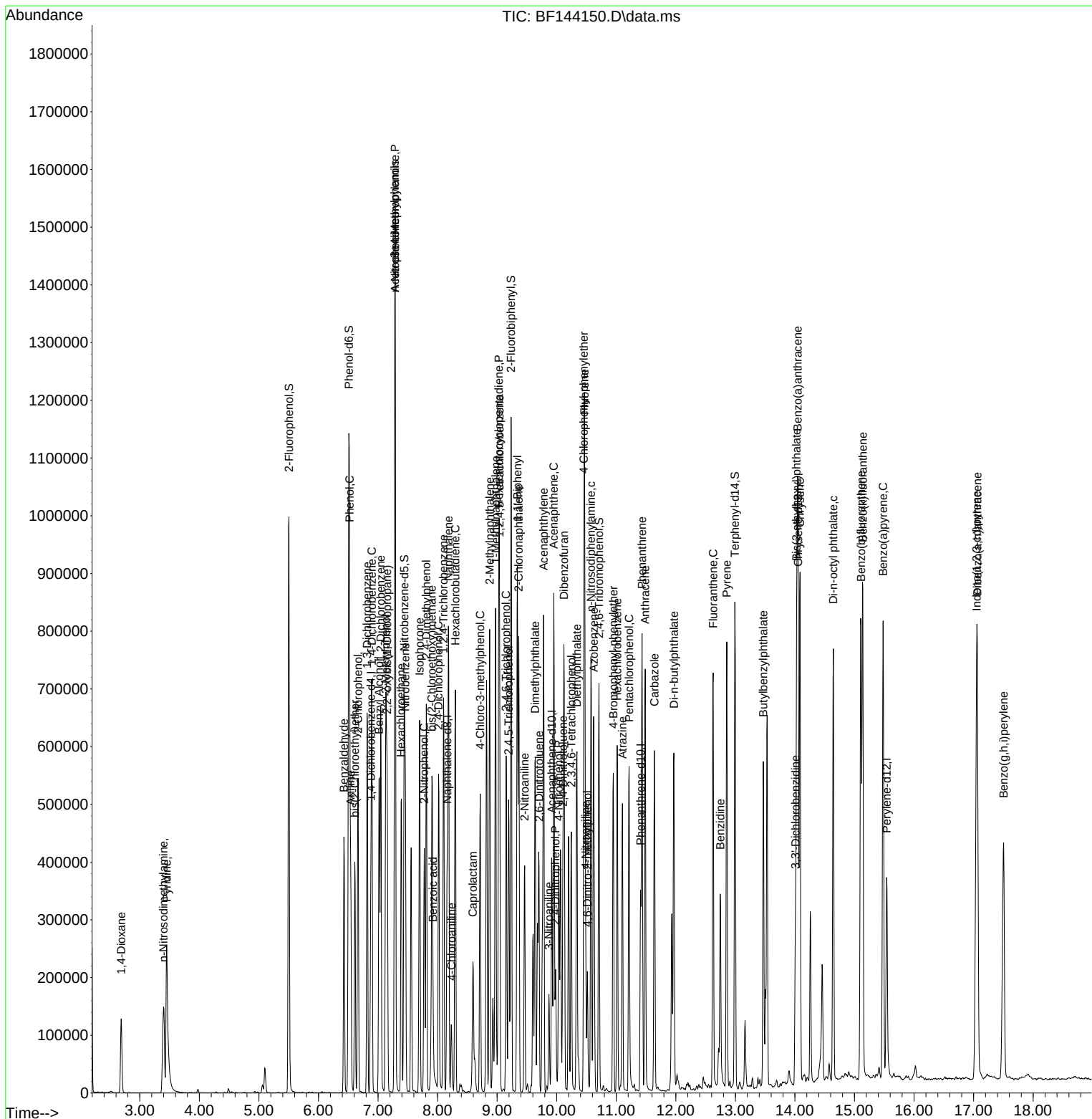
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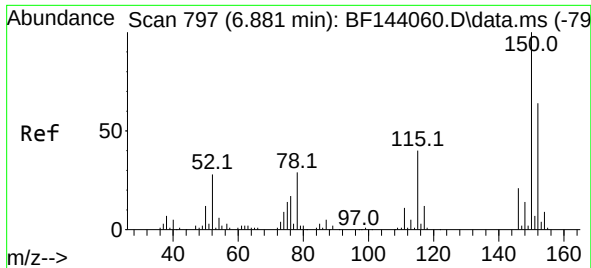
Quant Time: Oct 31 01:01:11 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	124697	42.258	ng	97
46) 1,1'-Biphenyl	9.339	154	397895	44.162	ng	99
47) 2-Chloronaphthalene	9.363	162	332525	44.053	ng	97
48) 2-Nitroaniline	9.463	65	93115	41.542	ng	91
49) Acenaphthylene	9.780	152	505367	49.653	ng	99
50) Dimethylphthalate	9.639	163	361858	43.860	ng	99
51) 2,6-Dinitrotoluene	9.704	165	73975	45.356	ng	91
52) Acenaphthene	9.951	154	298642	43.936	ng	98
53) 3-Nitroaniline	9.869	138	36010	19.858	ng	98
54) 2,4-Dinitrophenol	9.980	184	49535	56.153	ng	91
55) Dibenzofuran	10.122	168	412826	43.748	ng	96
56) 4-Nitrophenol	10.033	139	88509	72.080	ng	89
57) 2,4-Dinitrotoluene	10.104	165	99268	45.096	ng	# 96
58) Fluorene	10.469	166	307927	42.826	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	89677	43.126	ng	99
60) Diethylphthalate	10.339	149	316911	40.846	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	170836	42.250	ng	96
62) 4-Nitroaniline	10.486	138	62127	36.159	ng	93
63) Azobenzene	10.622	77	331758	45.177	ng	92
65) 4,6-Dinitro-2-methylph...	10.516	198	43195	36.042	ng	99
66) n-Nitrosodiphenylamine	10.575	169	289087	48.438	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	113928	48.712	ng	95
68) Hexachlorobenzene	11.016	284	132003	46.021	ng	97
69) Atrazine	11.104	200	88975	45.432	ng	99
70) Pentachlorophenol	11.216	266	116785	85.536	ng	94
71) Phenanthrene	11.433	178	433320	46.698	ng	99
72) Anthracene	11.486	178	424515	44.287	ng	100
73) Carbazole	11.639	167	345073	42.294	ng	98
74) Di-n-butylphthalate	11.969	149	417787	41.766	ng	99
75) Fluoranthene	12.627	202	444663	43.374	ng	100
77) Benzidine	12.745	184	201984	39.404	ng	99
78) Pyrene	12.857	202	473275	39.968	ng	99
80) Butylbenzylphthalate	13.468	149	188011	41.969	ng	99
81) Benzo(a)anthracene	14.045	228	550555	49.462	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	82191	21.212	ng	96
83) Chrysene	14.086	228	460820	44.118	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	282067	46.122	ng	98
85) Di-n-octyl phthalate	14.645	149	510711	48.560	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	563485	37.617	ng	98
88) Benzo(b)fluoranthene	15.110	252	591218	47.932	ng	98
89) Benzo(k)fluoranthene	15.139	252	520361	45.725	ng	99
90) Benzo(a)pyrene	15.480	252	541573	48.941	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	455127	38.384	ng	100
92) Benzo(g,h,i)perylene	17.503	276	417905	35.055	ng	99

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

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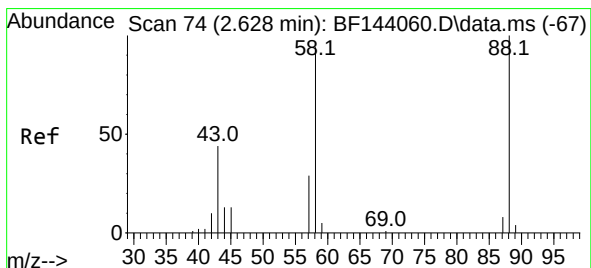
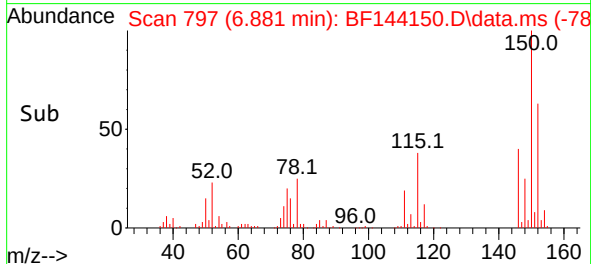
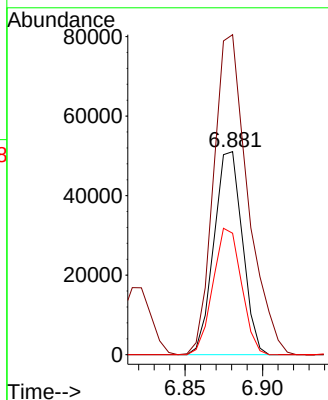
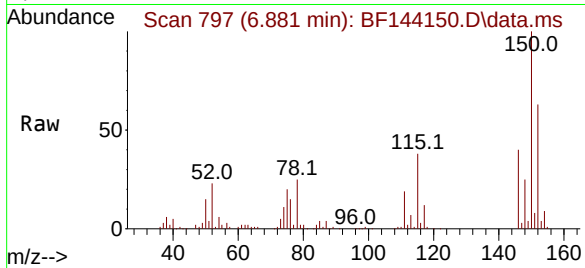




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF144150.D
 Acq: 30 Oct 2025 20:05

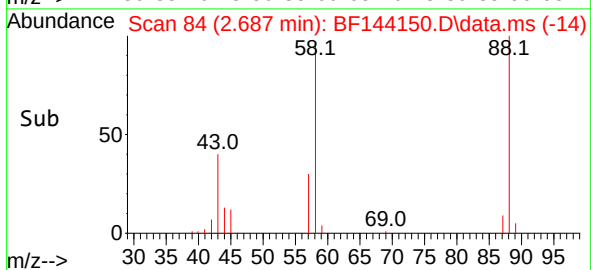
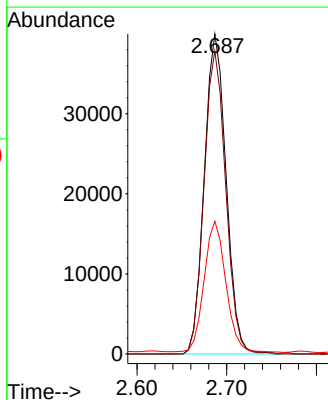
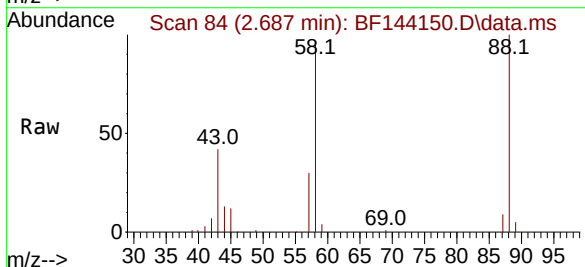
Instrument :
 BNA_F
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 TP5MSD

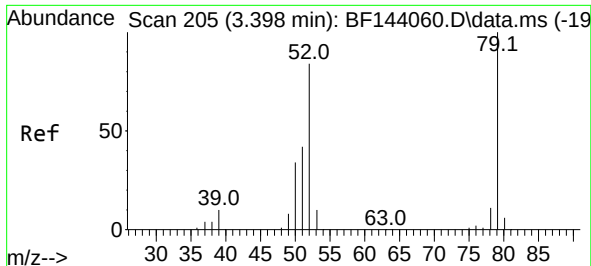
Tgt Ion:152 Resp: 65361
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.4 186.6
 115 59.8 49.4 74.0



#2
 1,4-Dioxane
 Concen: 37.734 ng
 RT: 2.687 min Scan# 84
 Delta R.T. 0.059 min
 Lab File: BF144150.D
 Acq: 30 Oct 2025 20:05

Tgt Ion: 88 Resp: 67363
 Ion Ratio Lower Upper
 88 100
 58 94.4 76.5 114.7
 43 41.0 35.3 52.9

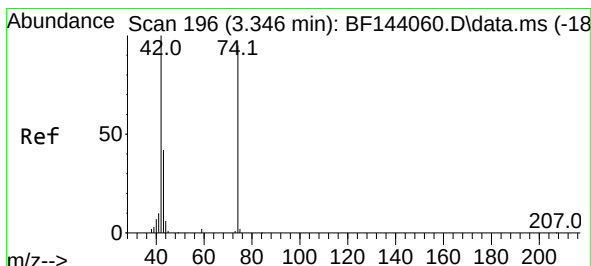
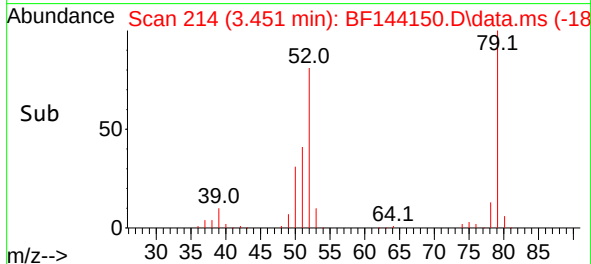
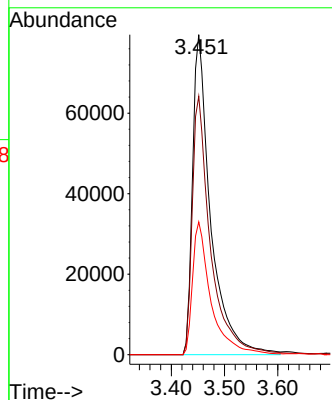
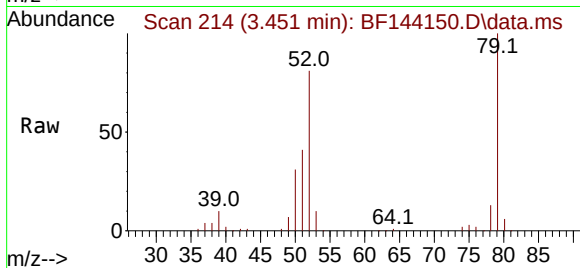




#3
Pyridine
Concen: 39.350 ng
RT: 3.451 min Scan# 214
Delta R.T. 0.053 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

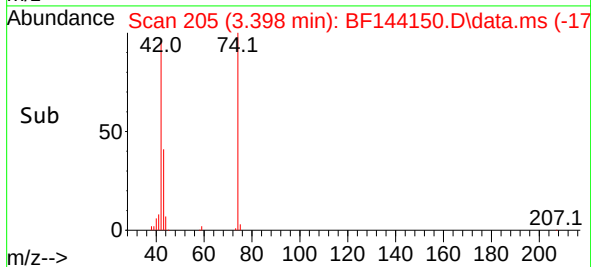
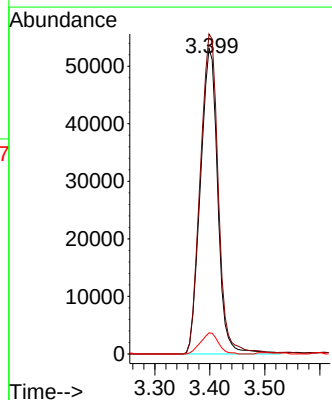
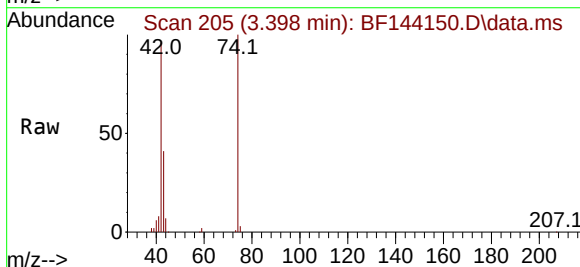
Instrument :
BNA_F
ClientSampleId :
TP5MSD

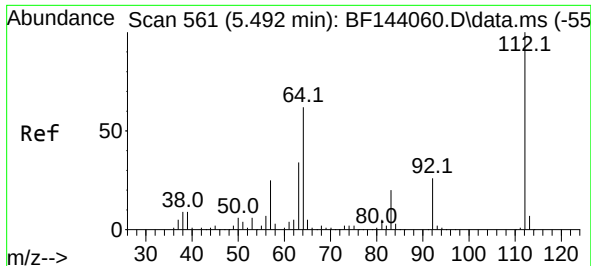
Tgt Ion: 79 Resp: 188067
Ion Ratio Lower Upper
79 100
52 80.8 67.5 101.3
51 41.5 33.6 50.4



#4
n-Nitrosodimethylamine
Concen: 39.652 ng
RT: 3.398 min Scan# 205
Delta R.T. 0.053 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion: 42 Resp: 116448
Ion Ratio Lower Upper
42 100
74 104.7 76.4 114.6
44 6.9 5.2 7.8

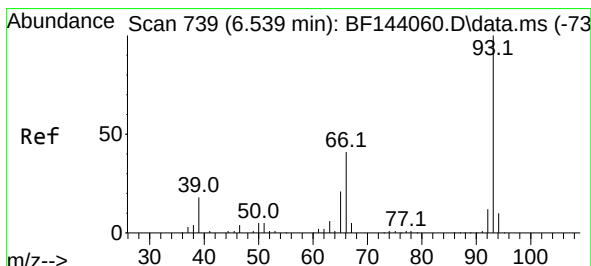
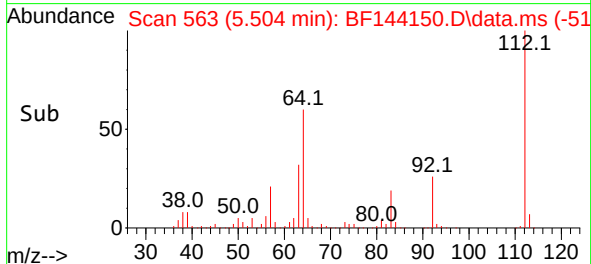
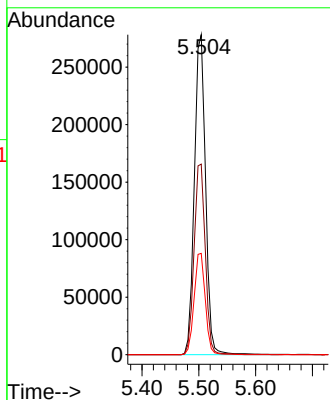
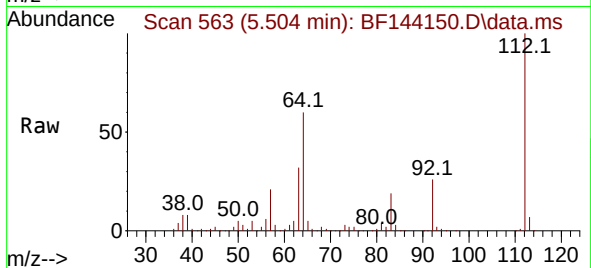




#5
2-Fluorophenol
Concen: 92.703 ng
RT: 5.504 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

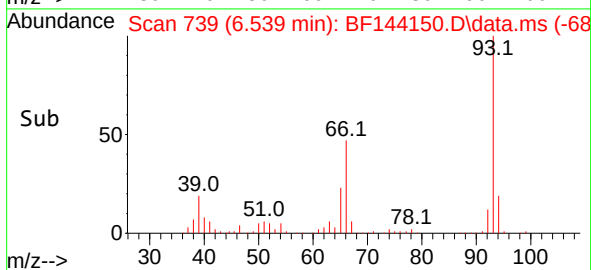
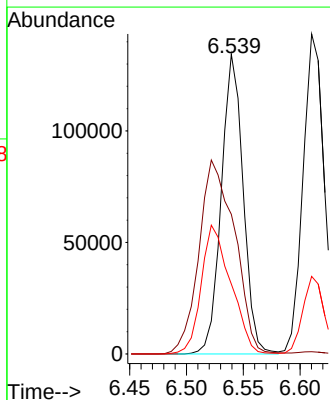
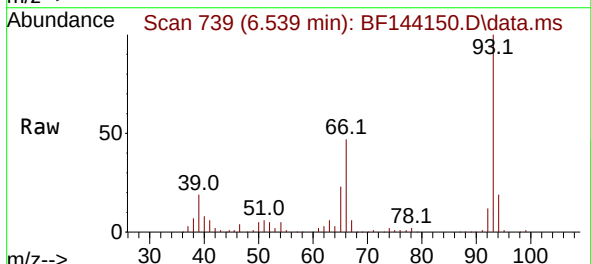
Instrument :
BNA_F
ClientSampleId :
TP5MSD

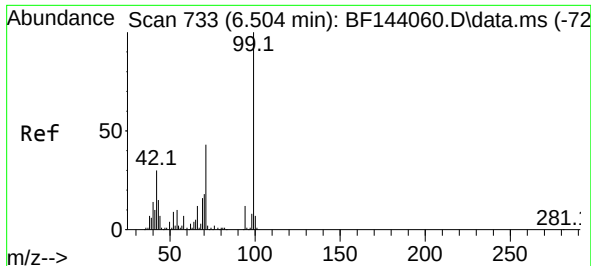
Tgt Ion:112 Resp: 382979
Ion Ratio Lower Upper
112 100
64 59.5 49.8 74.8
63 31.6 27.4 41.2



#6
Aniline
Concen: 27.579 ng
RT: 6.539 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion: 93 Resp: 180019
Ion Ratio Lower Upper
93 100
66 46.6 35.7 53.5
65 23.4 17.0 25.6





#7

Phenol-d6

Concen: 94.826 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

Instrument :

BNA_F

ClientSampleId :

TP5MSD

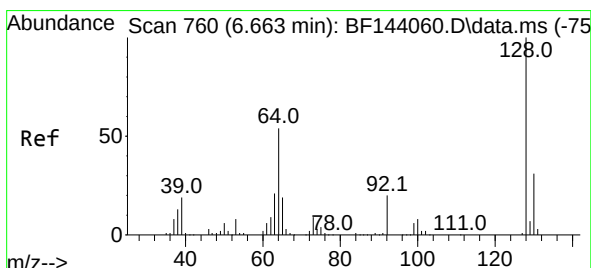
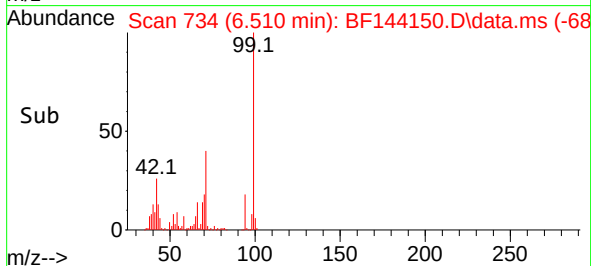
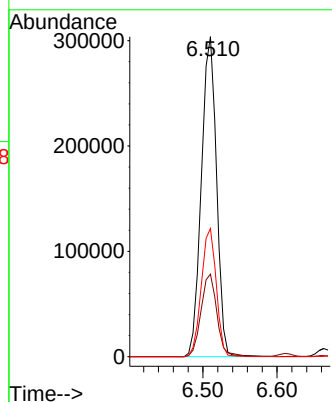
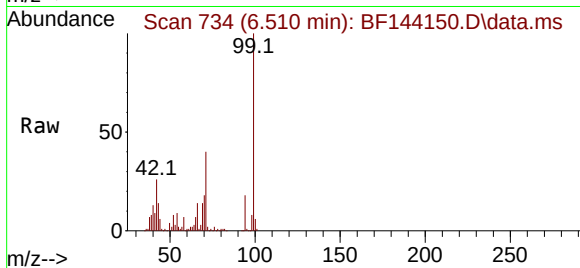
Tgt Ion: 99 Resp: 432647

Ion Ratio Lower Upper

99 100

42 25.8 23.9 35.9

71 40.1 34.4 51.6



#8

2-Chlorophenol

Concen: 41.725 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

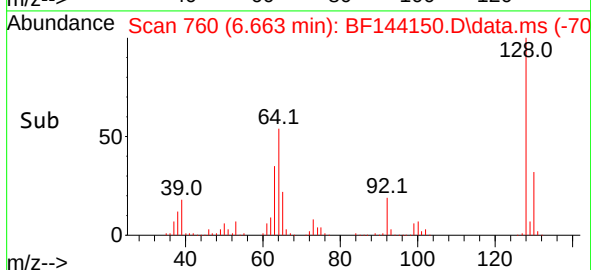
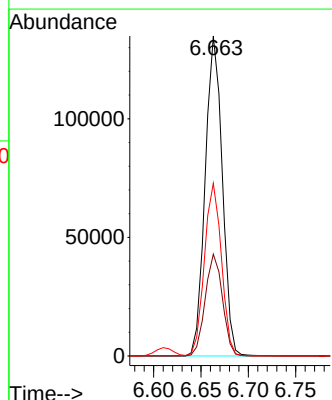
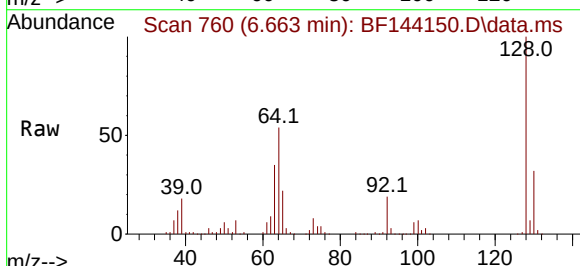
Tgt Ion: 128 Resp: 169758

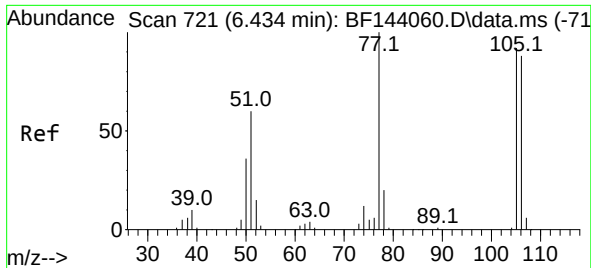
Ion Ratio Lower Upper

128 100

130 31.8 10.7 50.7

64 53.9 34.7 74.7





#9

Benzaldehyde

Concen: 33.316 ng

RT: 6.428 min Scan# 721

Delta R.T. -0.006 min

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TP5MSD

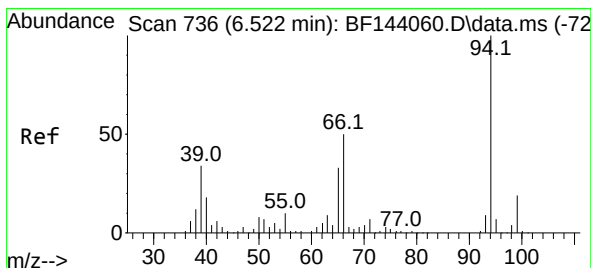
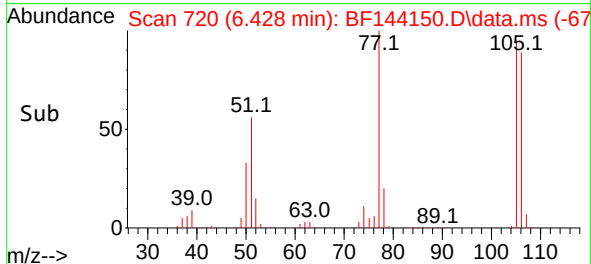
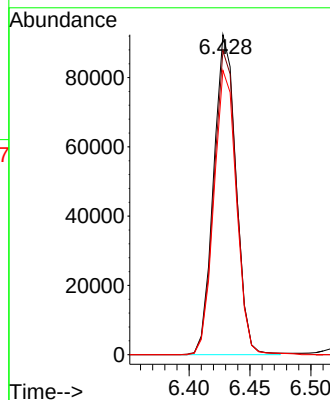
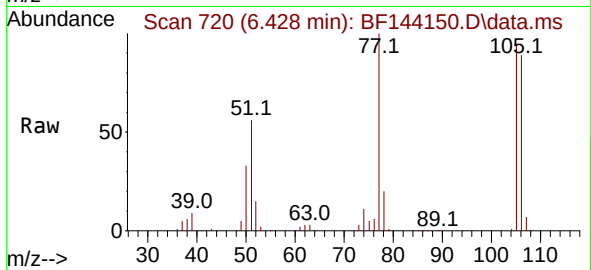
Tgt Ion: 77 Resp: 118020

Ion Ratio Lower Upper

77 100

105 94.9 72.2 112.2

106 88.9 67.9 107.9



#10

Phenol

Concen: 40.828 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

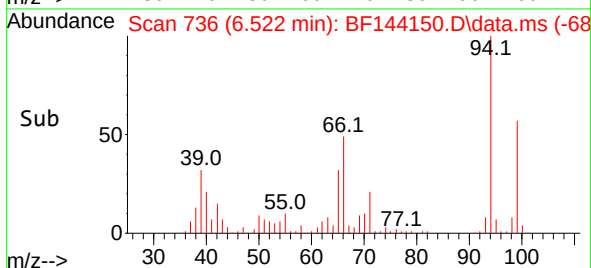
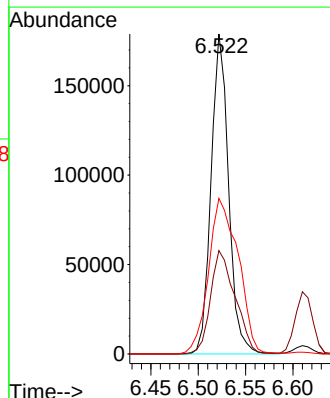
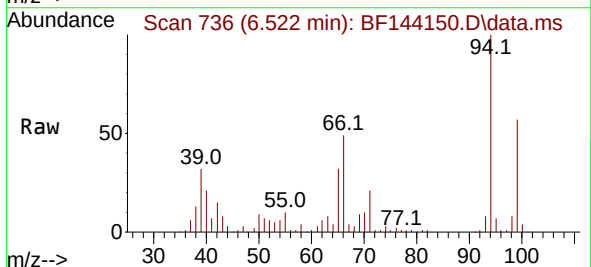
Tgt Ion: 94 Resp: 229816

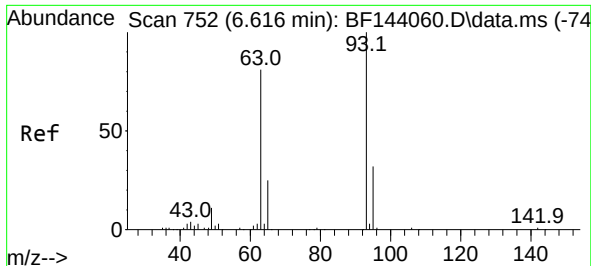
Ion Ratio Lower Upper

94 100

65 32.3 13.1 53.1

66 48.6 30.6 70.6





#11

bis(2-Chloroethyl)ether

Concen: 45.159 ng

RT: 6.610 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

Instrument :

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ClientSampleId :

TP5MSD

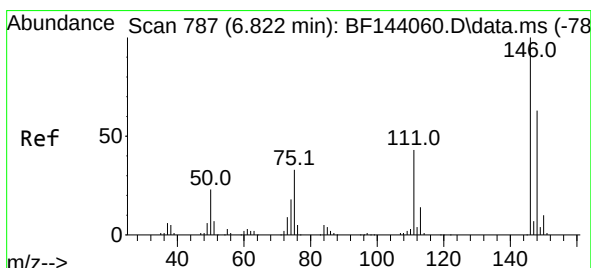
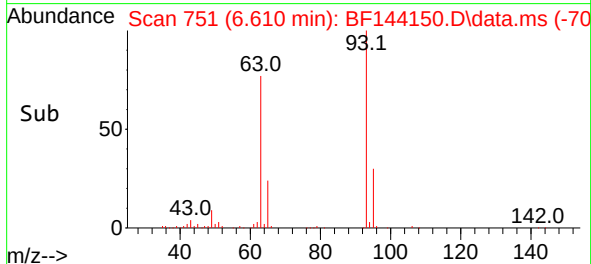
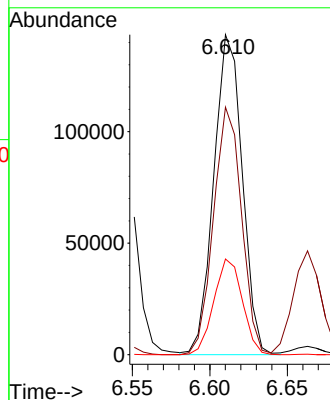
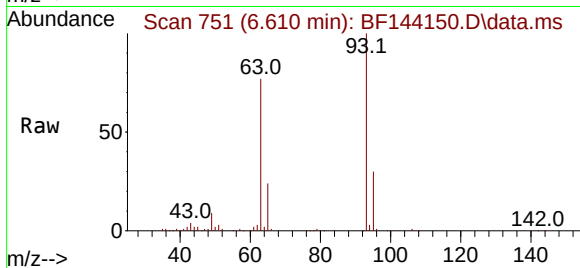
Tgt Ion: 93 Resp: 183677

Ion Ratio Lower Upper

93 100

63 77.3 60.2 100.2

95 29.9 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 43.465 ng

RT: 6.816 min Scan# 786

Delta R.T. -0.006 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

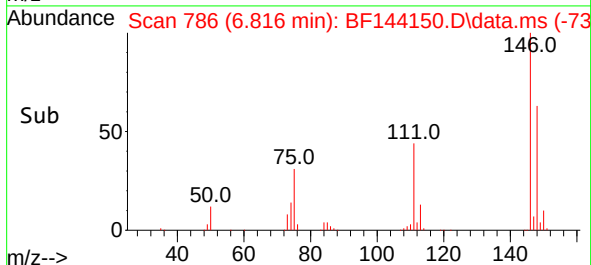
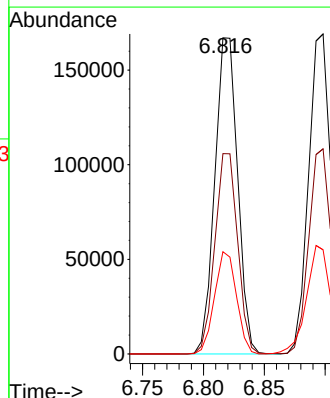
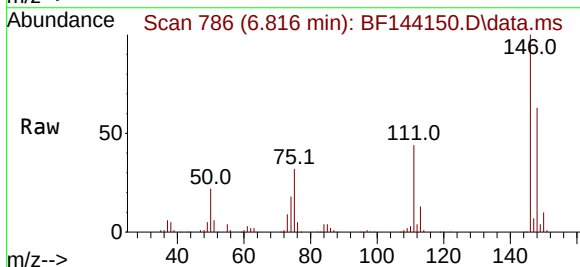
Tgt Ion:146 Resp: 218136

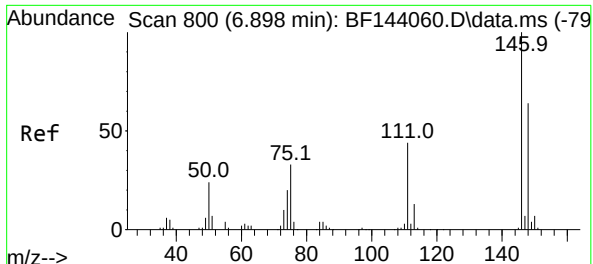
Ion Ratio Lower Upper

146 100

148 63.4 50.6 75.8

75 32.4 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 43.673 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

Instrument :

BNA_F

ClientSampleId :

TP5MSD

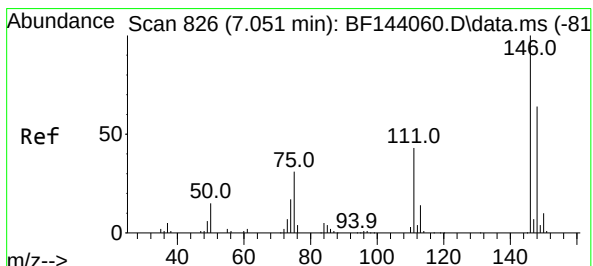
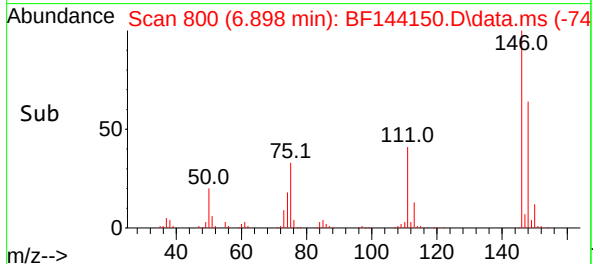
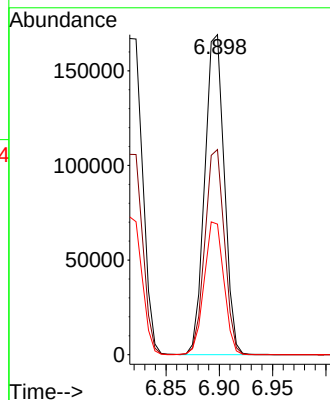
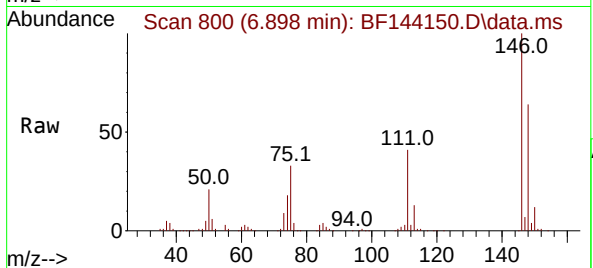
Tgt Ion:146 Resp: 216004

Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

111 40.8 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 44.416 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

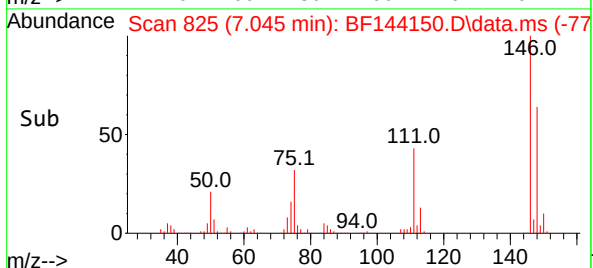
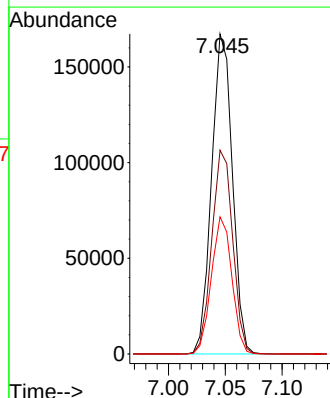
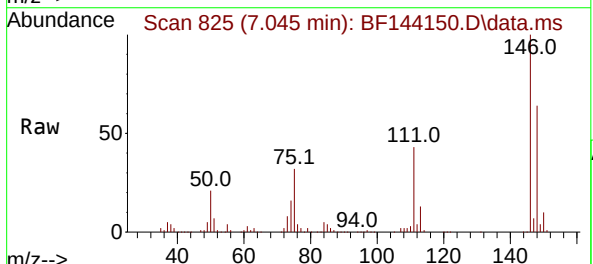
Tgt Ion:146 Resp: 212559

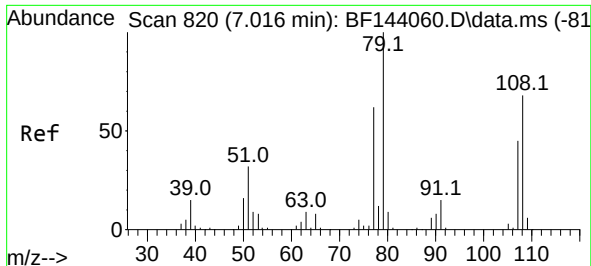
Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

111 42.9 34.7 52.1

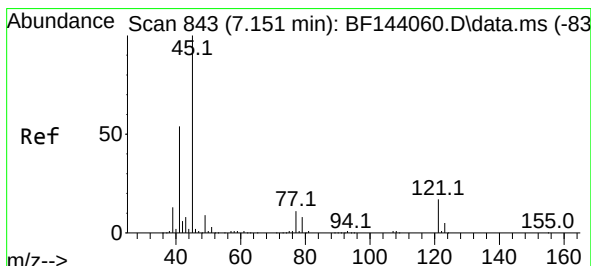
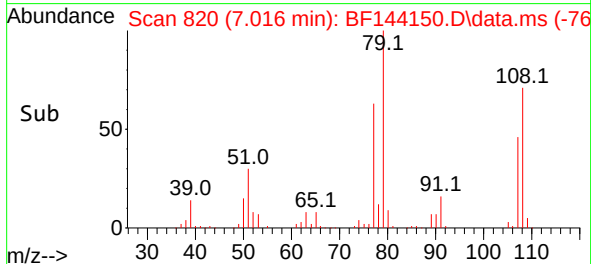
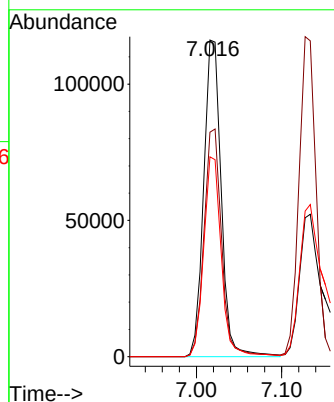
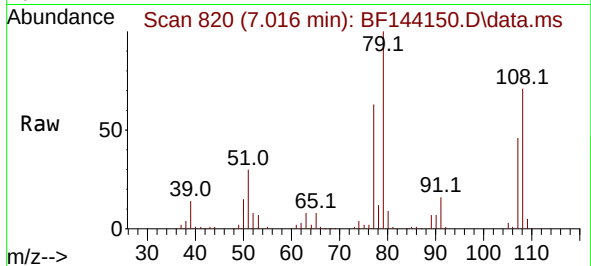




#15
Benzyl Alcohol
Concen: 44.825 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

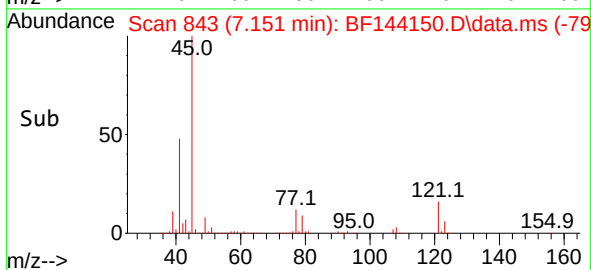
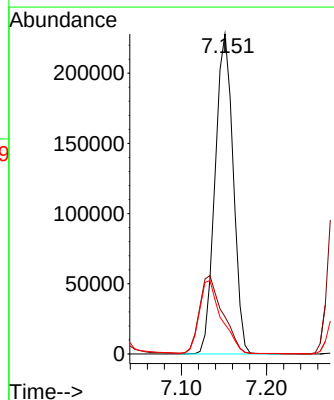
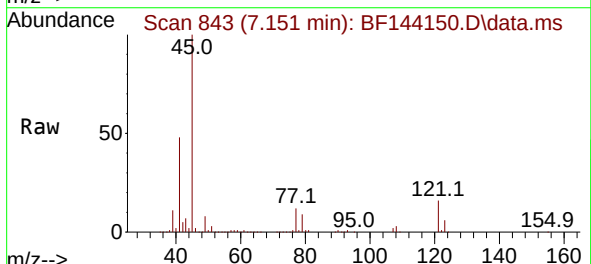
Instrument :
BNA_F
ClientSampleId :
TP5MSD

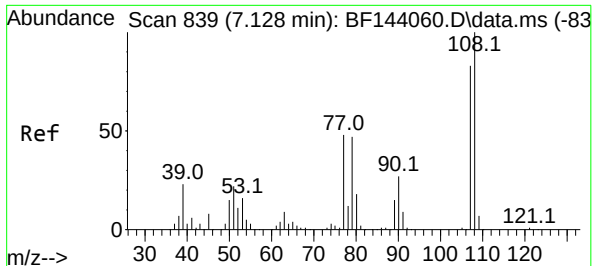
Tgt Ion: 79 Resp: 166294
Ion Ratio Lower Upper
79 100
108 70.9 54.8 82.2
77 63.1 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.042 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion: 45 Resp: 336671
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.9
79 9.3 0.0 28.2

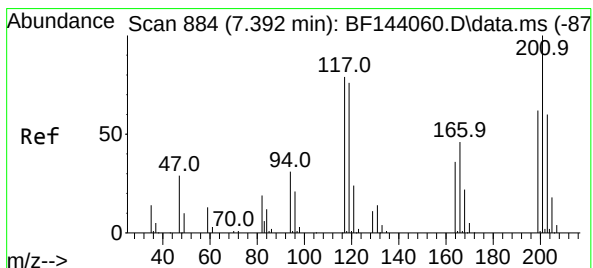
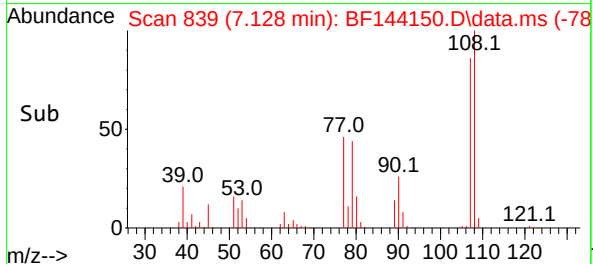
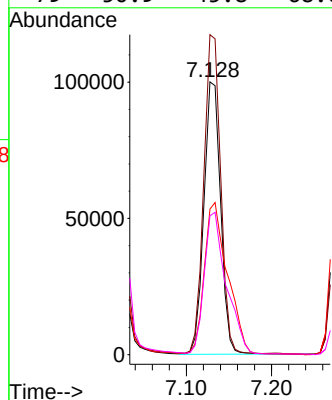
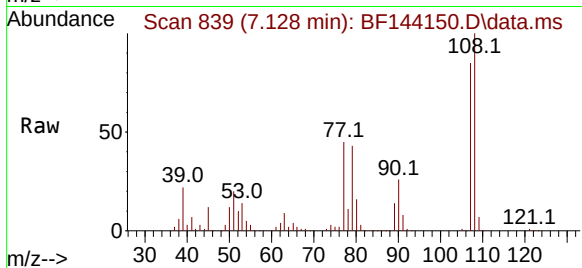




#17
2-Methylphenol
Concen: 43.545 ng
RT: 7.128 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

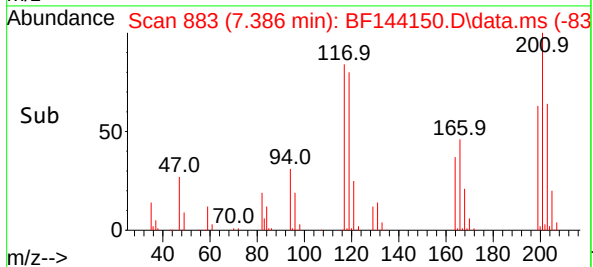
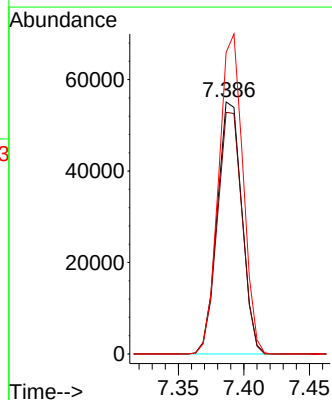
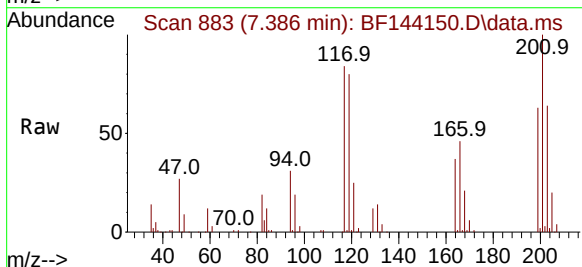
Instrument :
BNA_F
ClientSampleId :
TP5MSD

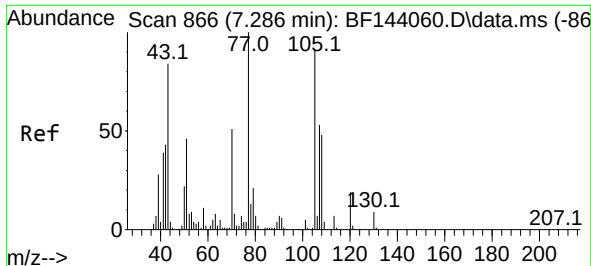
Tgt Ion:	107	Resp:	136258
Ion	Ratio	Lower	Upper
107	100		
108	117.3	96.4	144.6
77	53.3	46.8	70.2
79	50.9	45.8	68.6



#18
Hexachloroethane
Concen: 40.791 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion:	117	Resp:	72129
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	115.0
201	119.6	100.9	151.3



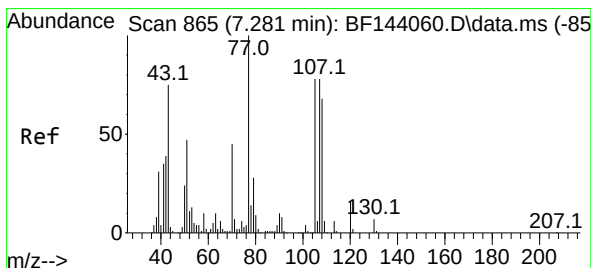
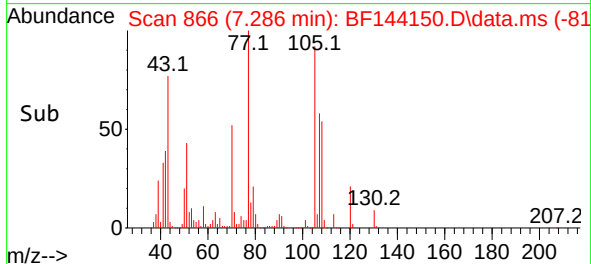
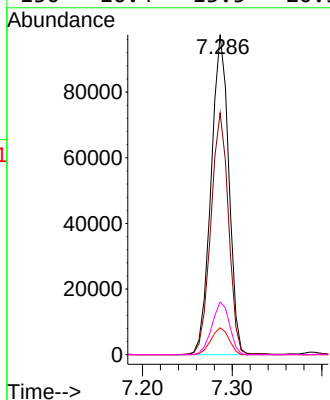
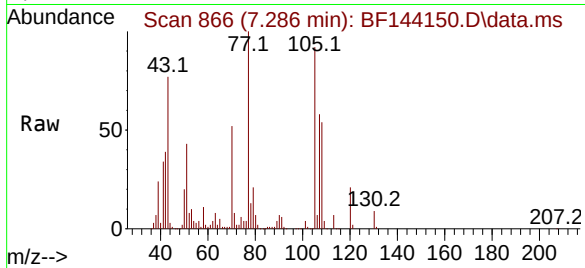


#19
n-Nitroso-di-n-propylamine
Concen: 45.351 ng
RT: 7.286 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Instrument :
BNA_F
ClientSampleId :
TP5MSD

Tgt Ion: 70 Resp: 133804

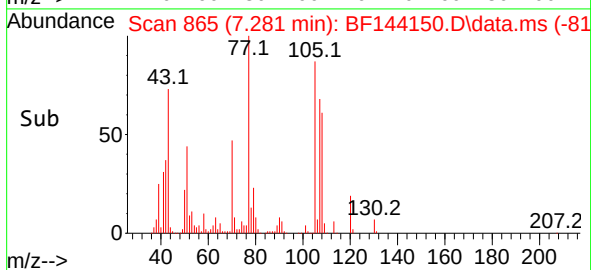
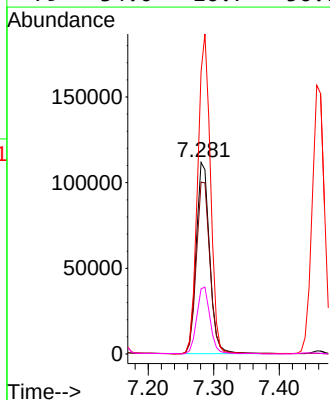
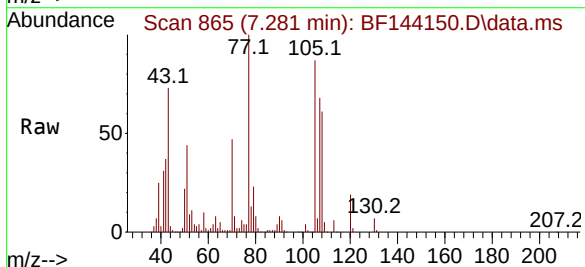
Ion	Ratio	Lower	Upper
70	100		
42	75.5	67.4	101.0
101	8.4	7.1	10.7
130	16.4	13.5	20.3

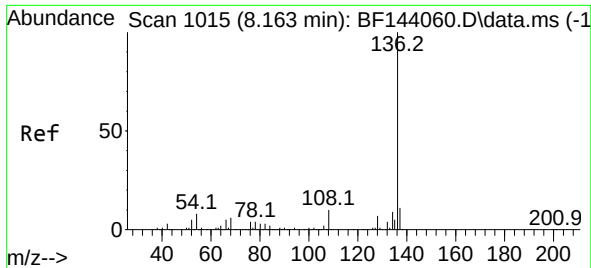


#20
3+4-Methylphenols
Concen: 43.024 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion: 107 Resp: 159150

Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.0	108.0
77	147.5	108.7	148.7
79	34.0	16.7	56.7

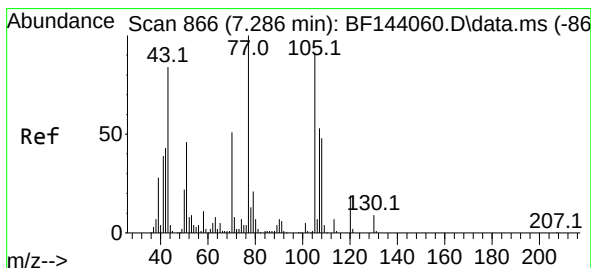
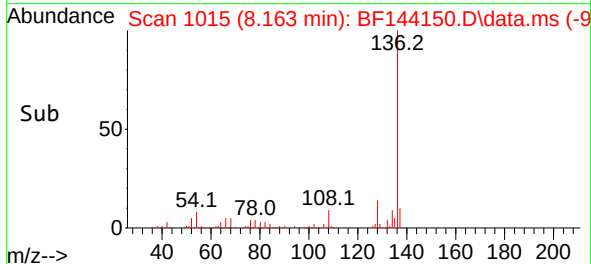
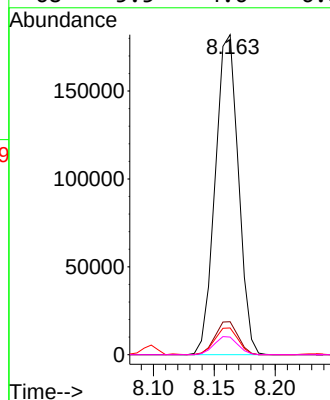
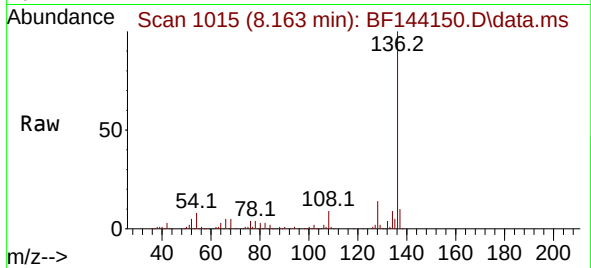




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

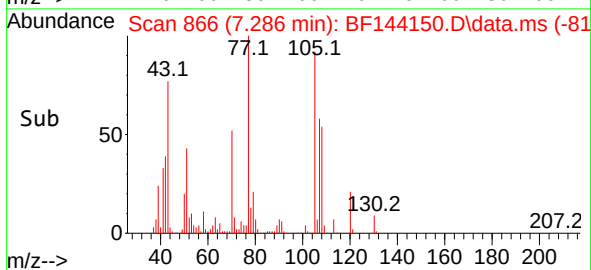
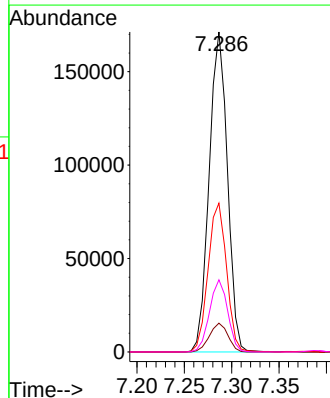
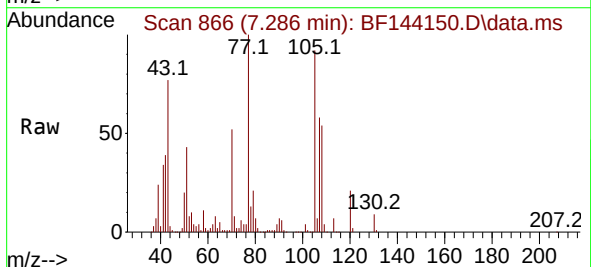
Instrument :
BNA_F
ClientSampleId :
TP5MSD

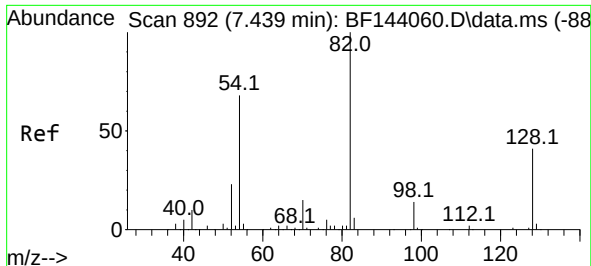
Tgt Ion:	136	Resp:	240508
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	13.0
54	8.4	6.6	9.8
68	5.5	4.6	6.8



#22
Acetophenone
Concen: 44.152 ng
RT: 7.286 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion:	105	Resp:	229490
Ion Ratio	Lower	Upper	
105	100		
71	9.0	6.9	10.3
51	46.5	40.6	60.8
120	22.6	16.8	25.2





#23

Nitrobenzene-d5

Concen: 63.667 ng

RT: 7.439 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

Instrument :

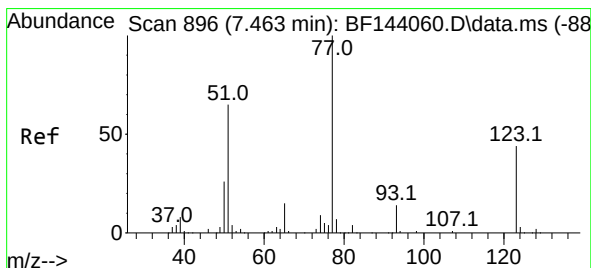
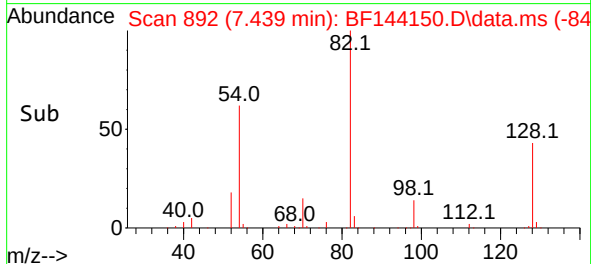
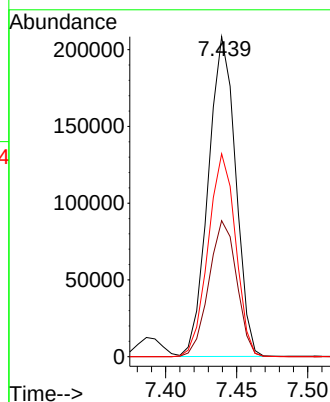
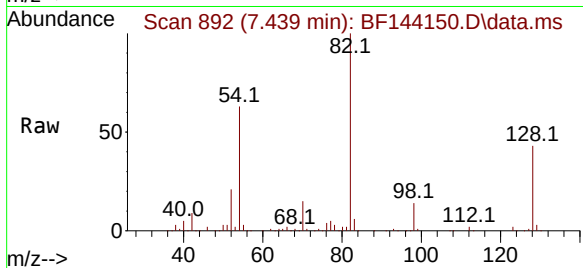
BNA_F

ClientSampleId :

TP5MSD

Tgt Ion: 82 Resp: 279491

Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.4	48.6
54	63.4	54.0	81.0



#24

Nitrobenzene

Concen: 43.664 ng

RT: 7.457 min Scan# 895

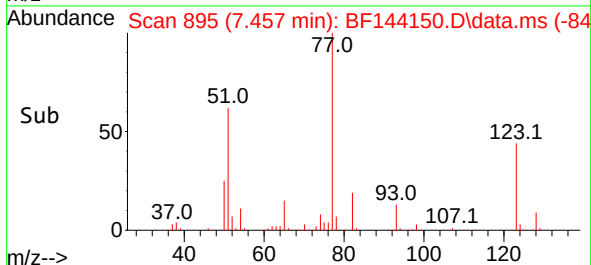
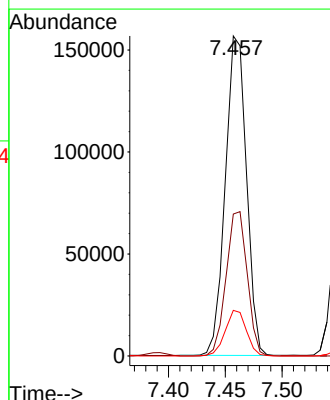
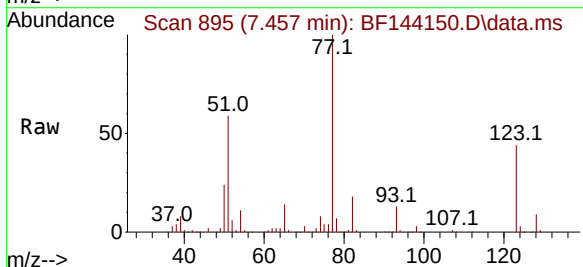
Delta R.T. -0.006 min

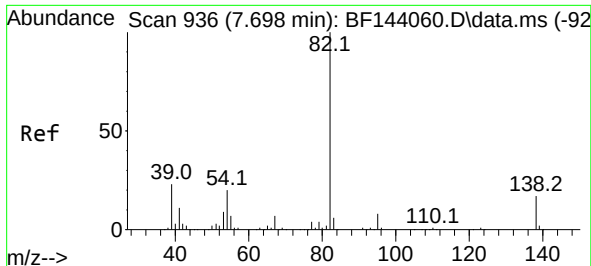
Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

Tgt Ion: 77 Resp: 202769

Ion	Ratio	Lower	Upper
77	100		
123	44.4	35.0	52.6
65	14.2	12.2	18.2

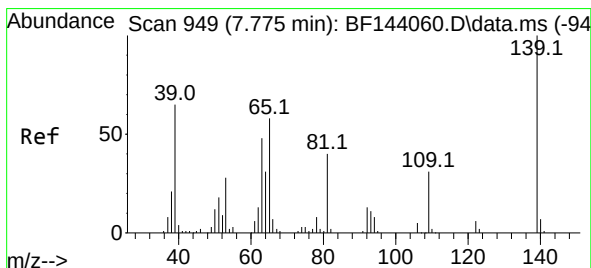
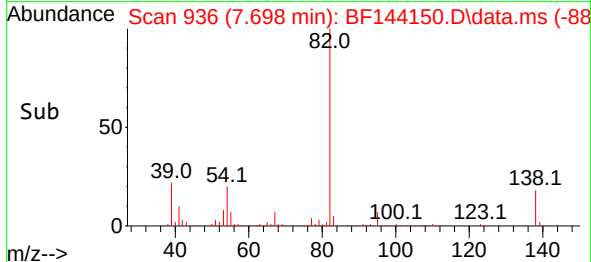
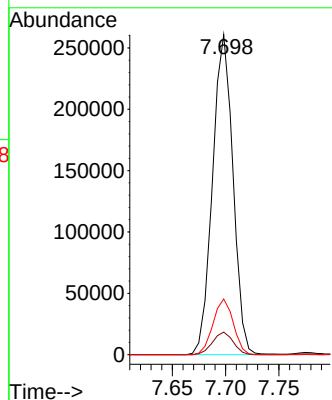
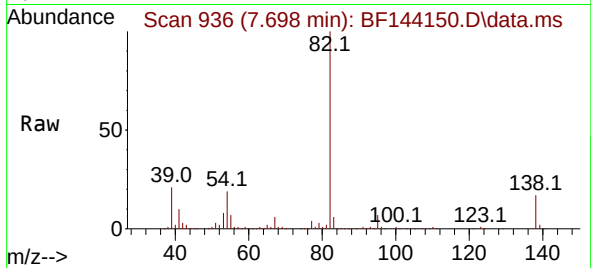




#25
Isophorone
Concen: 45.314 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

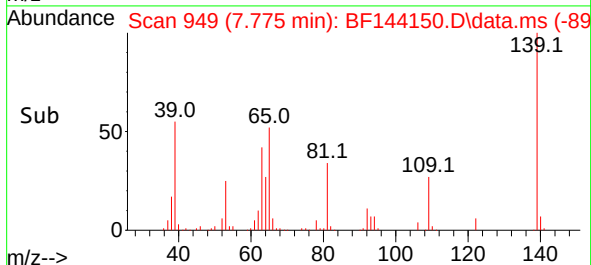
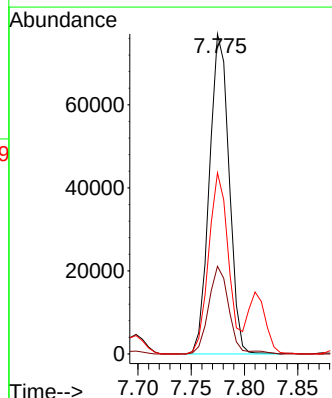
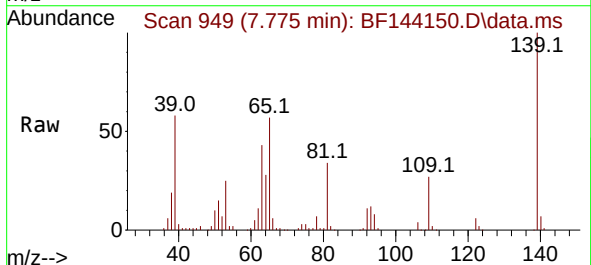
Instrument :
BNA_F
ClientSampleId :
TP5MSD

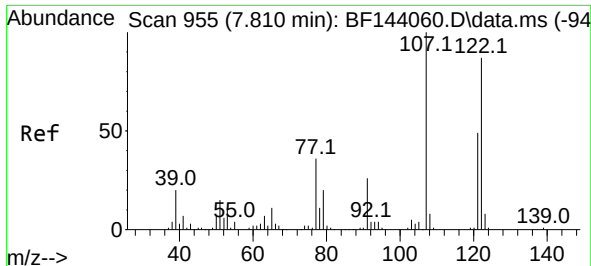
Tgt Ion: 82 Resp: 347779
Ion Ratio Lower Upper
82 100
95 7.0 6.6 9.8
138 17.4 13.8 20.8



#26
2-Nitrophenol
Concen: 44.840 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion: 139 Resp: 99058
Ion Ratio Lower Upper
139 100
109 27.4 24.6 37.0
65 56.6 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 50.403 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

Instrument :

BNA_F

ClientSampleId :

TP5MSD

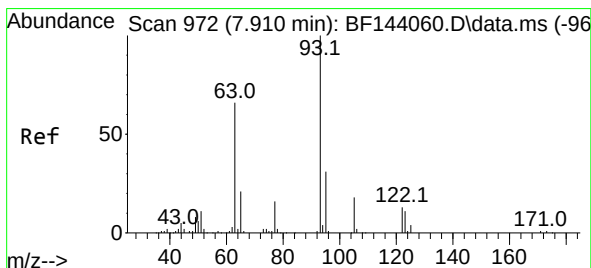
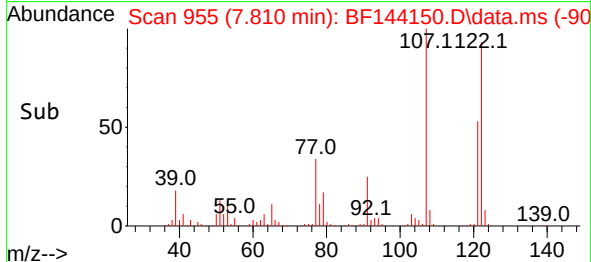
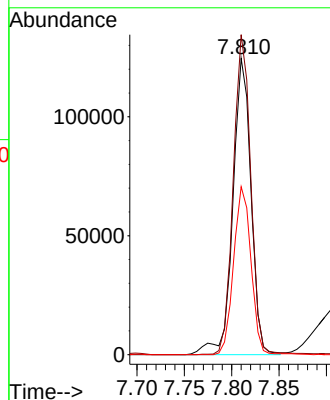
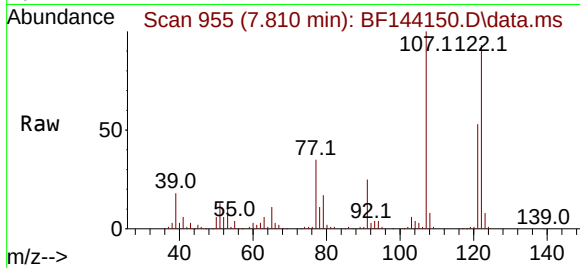
Tgt Ion:122 Resp: 165469

Ion Ratio Lower Upper

122 100

107 108.0 91.8 137.8

121 56.7 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.884 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

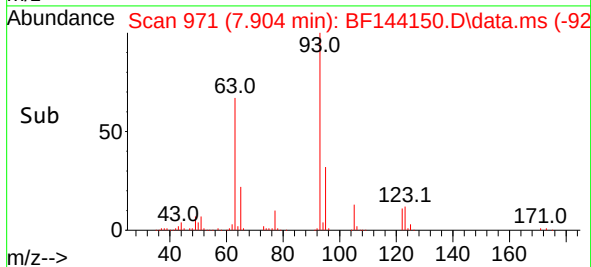
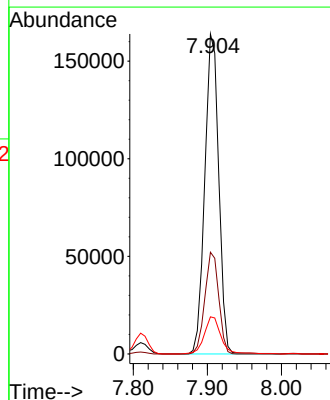
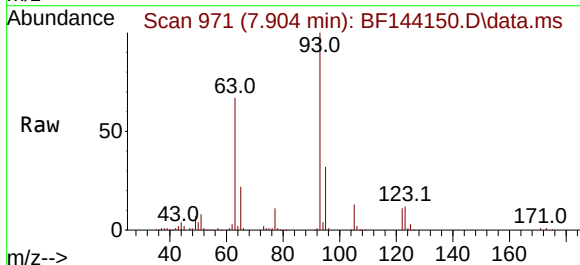
Tgt Ion: 93 Resp: 214826

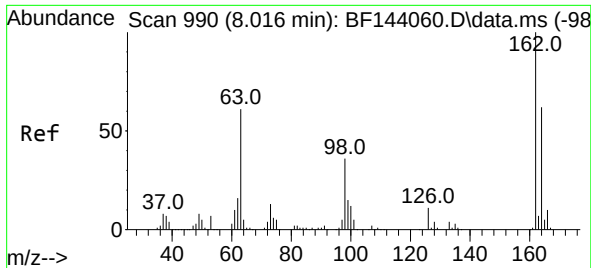
Ion Ratio Lower Upper

93 100

95 31.8 24.6 36.8

123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.118 ng

RT: 8.016 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

Instrument :

BNA_F

ClientSampleId :

TP5MSD

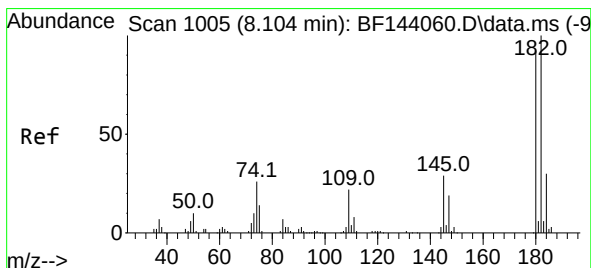
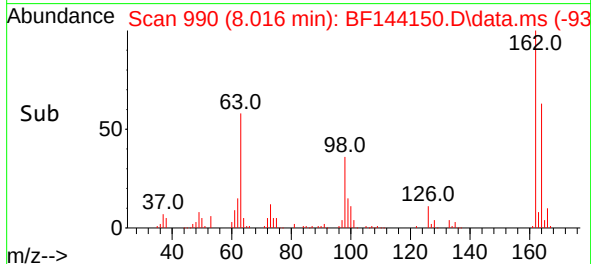
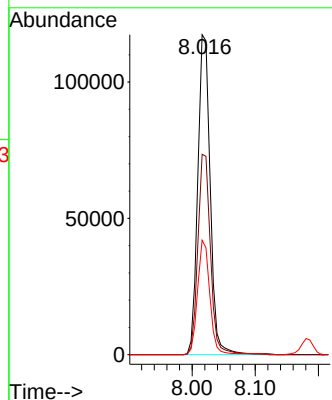
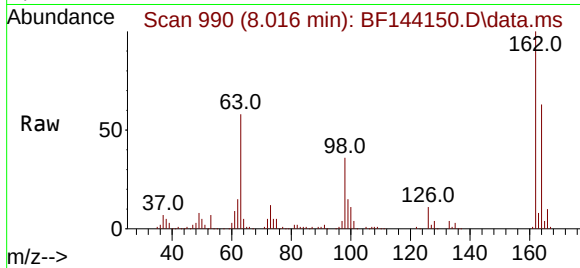
Tgt Ion:162 Resp: 160797

Ion Ratio Lower Upper

162 100

164 62.6 42.1 82.1

98 35.7 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 45.966 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

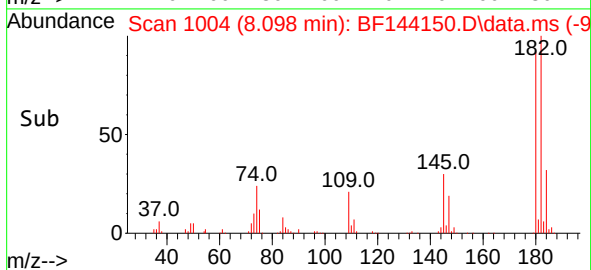
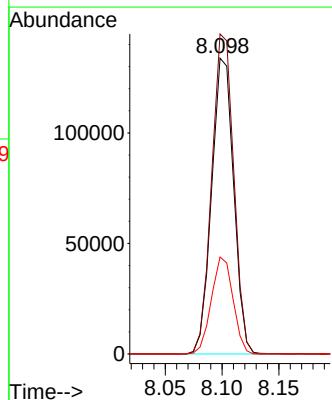
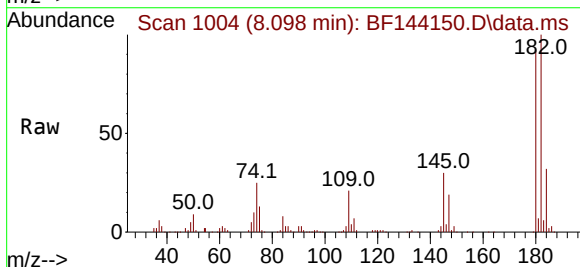
Tgt Ion:180 Resp: 180536

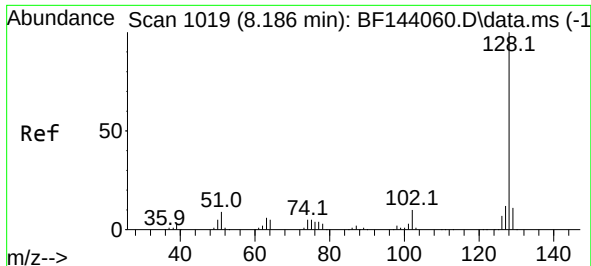
Ion Ratio Lower Upper

180 100

182 108.2 87.1 130.7

145 32.8 25.3 37.9

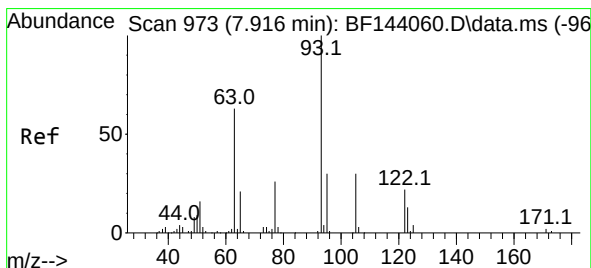
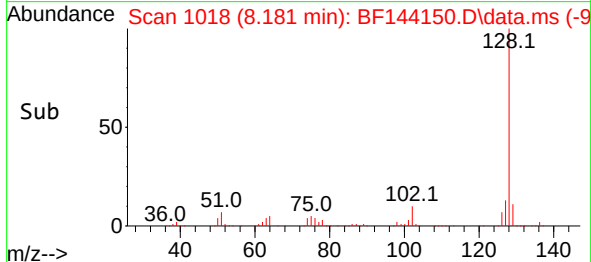
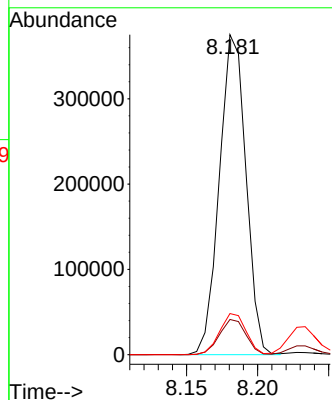
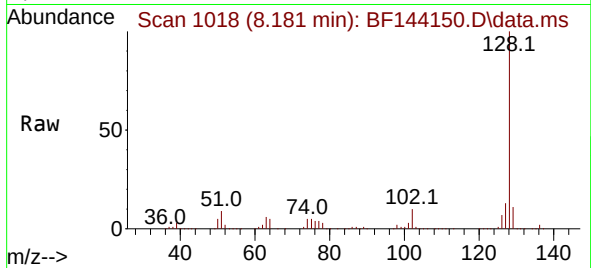




#31
Naphthalene
Concen: 43.061 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

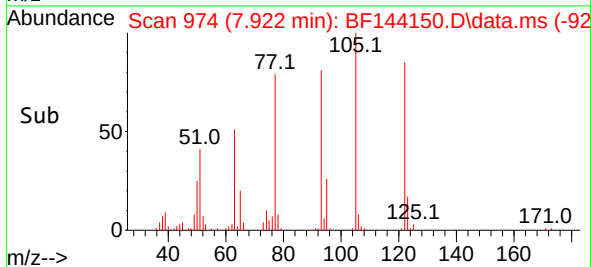
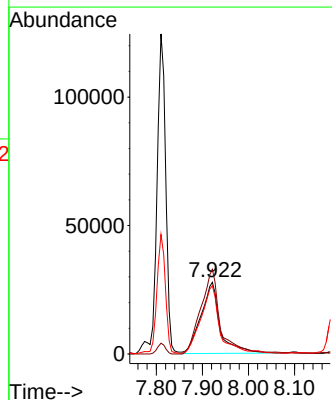
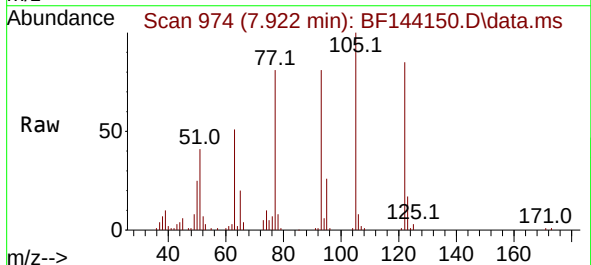
Instrument :
BNA_F
ClientSampleId :
TP5MSD

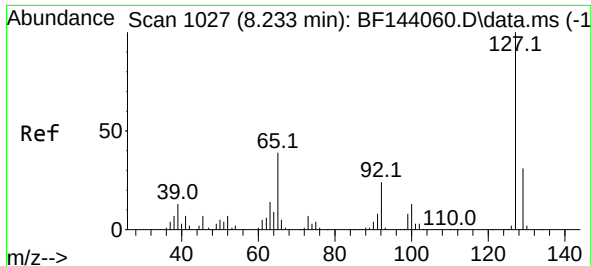
Tgt Ion:128 Resp: 488800
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 12.8 9.9 14.9



#32
Benzoic acid
Concen: 38.925 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion:122 Resp: 81058
Ion Ratio Lower Upper
122 100
105 118.0 111.3 151.3
77 95.3 96.7 136.7#

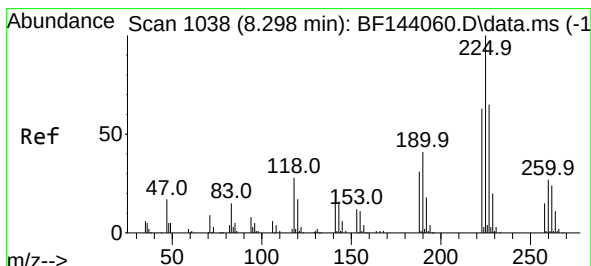
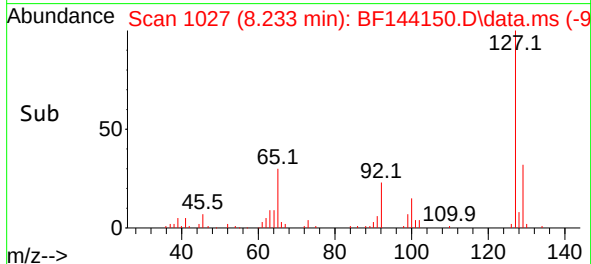
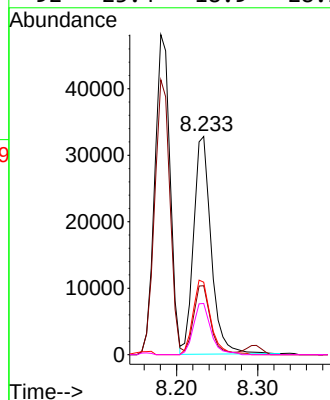
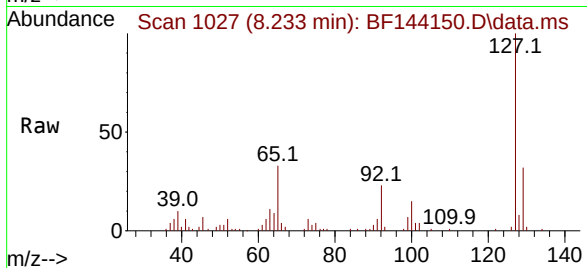




#33
4-Chloroaniline
Concen: 12.481 ng
RT: 8.233 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

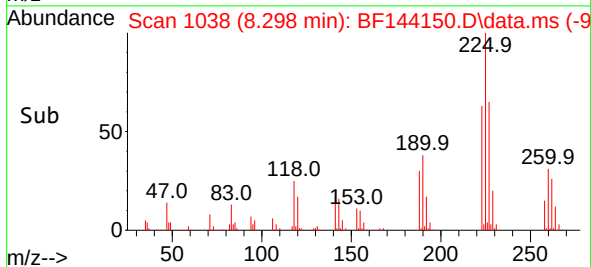
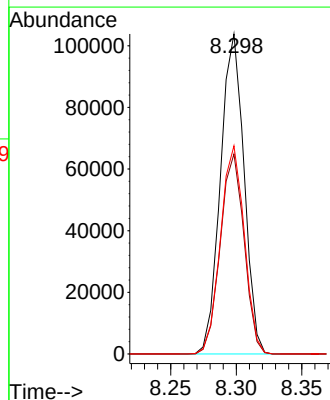
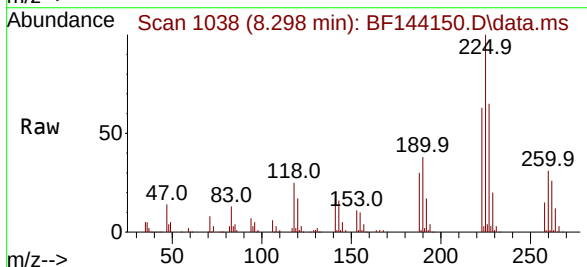
Instrument :
BNA_F
ClientSampleId :
TP5MSD

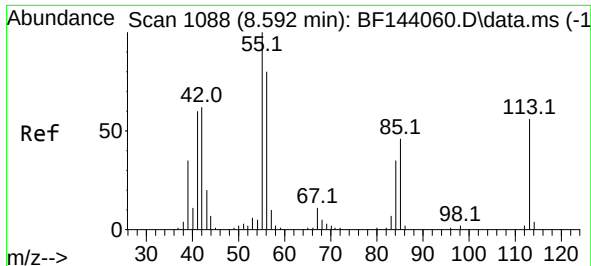
Tgt Ion:	127	Resp:	49321
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.6	38.4
65	33.2	30.9	46.3
92	23.4	18.9	28.3



#34
Hexachlorobutadiene
Concen: 40.367 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion:	225	Resp:	129642
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	65.1	51.8	77.8

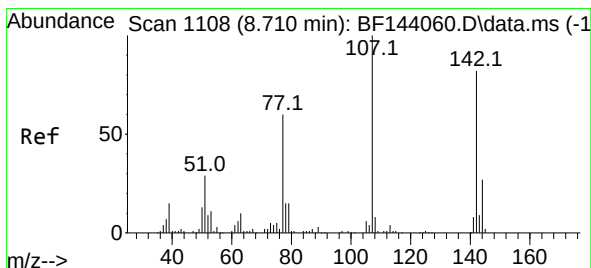
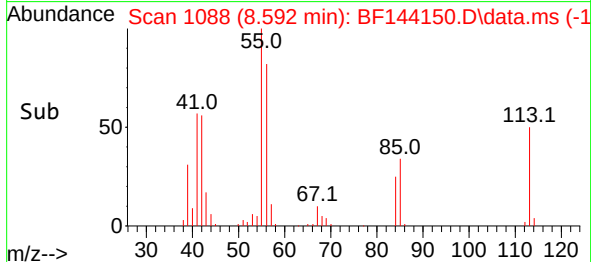
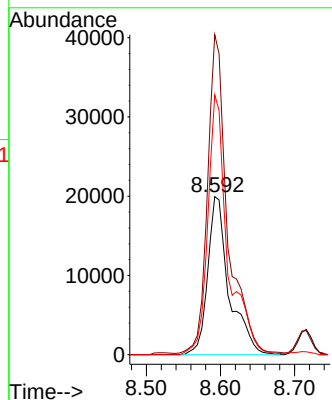
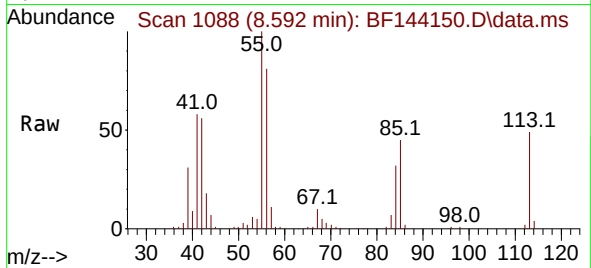




#35
 Caprolactam
 Concen: 41.868 ng
 RT: 8.592 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF144150.D
 Acq: 30 Oct 2025 20:05

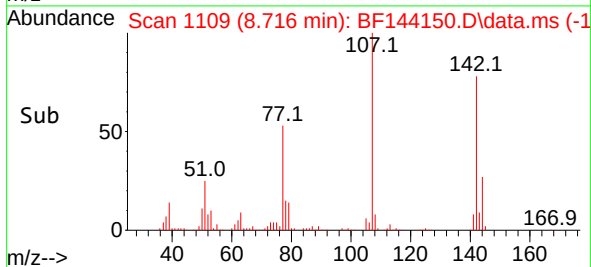
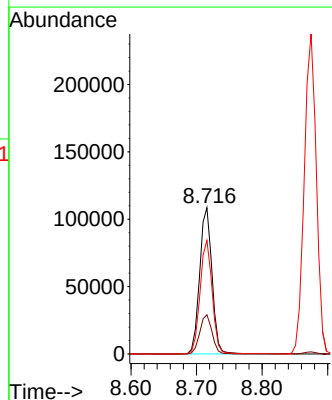
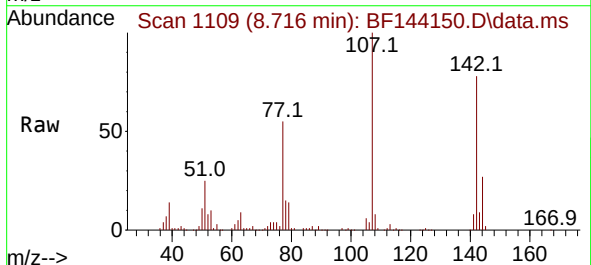
Instrument :
 BNA_F
 ClientSampleId :
 TP5MSD

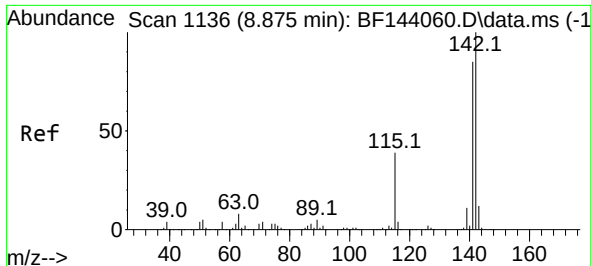
Tgt Ion:113 Resp: 40084
 Ion Ratio Lower Upper
 113 100
 55 202.3 160.1 200.1#
 56 164.2 124.9 164.9



#36
 4-Chloro-3-methylphenol
 Concen: 42.391 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF144150.D
 Acq: 30 Oct 2025 20:05

Tgt Ion:107 Resp: 142819
 Ion Ratio Lower Upper
 107 100
 144 26.8 21.6 32.4
 142 77.7 65.4 98.0

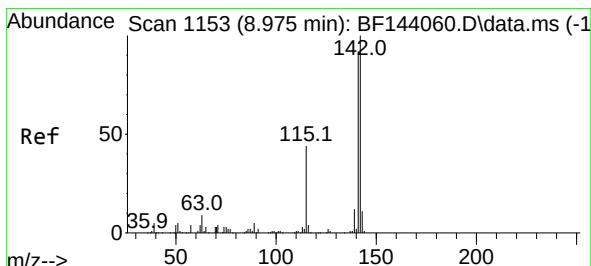
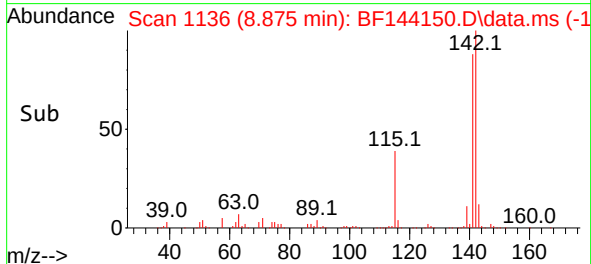
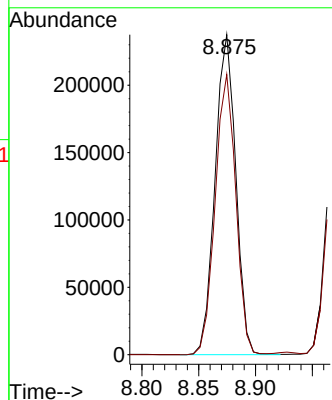
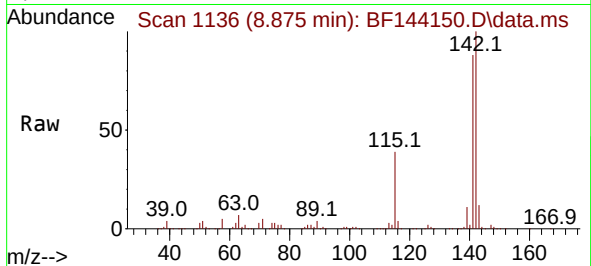




#37
2-Methylnaphthalene
Concen: 40.274 ng
RT: 8.875 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

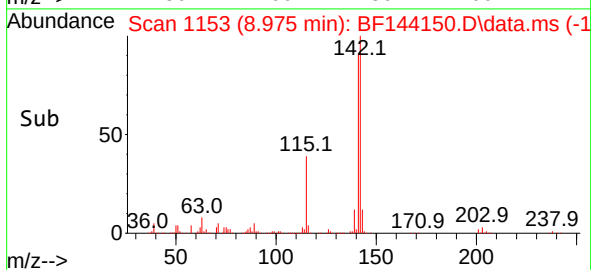
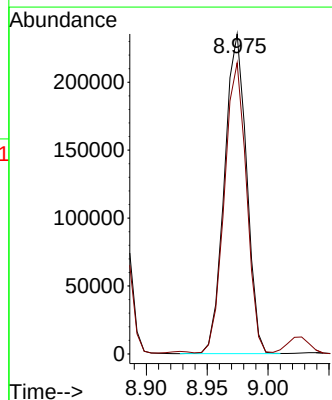
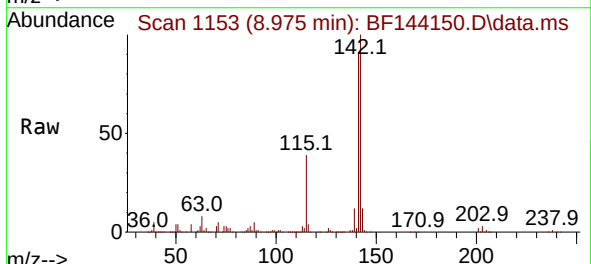
Instrument :
BNA_F
ClientSampleId :
TP5MSD

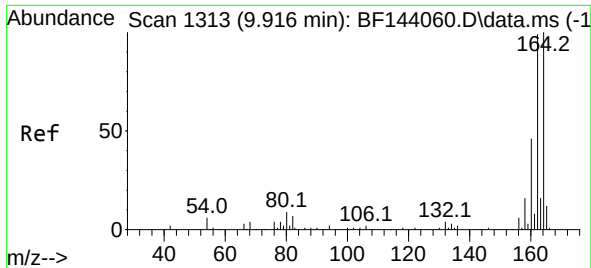
Tgt Ion:142 Resp: 301414
Ion Ratio Lower Upper
142 100
141 87.6 67.6 101.4



#38
1-Methylnaphthalene
Concen: 42.042 ng
RT: 8.975 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion:142 Resp: 298099
Ion Ratio Lower Upper
142 100
141 91.0 73.4 110.2

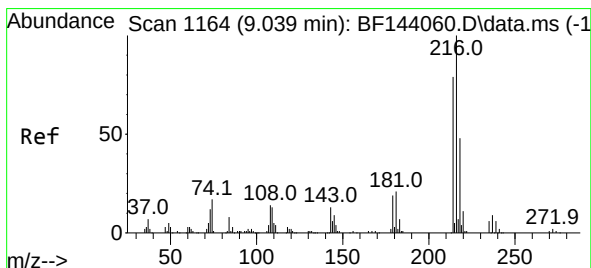
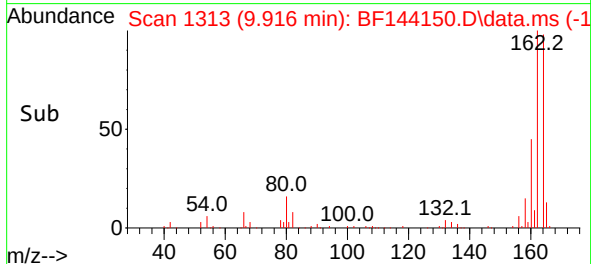
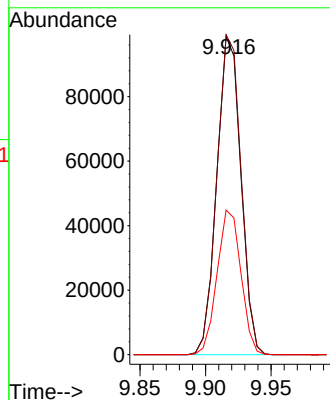
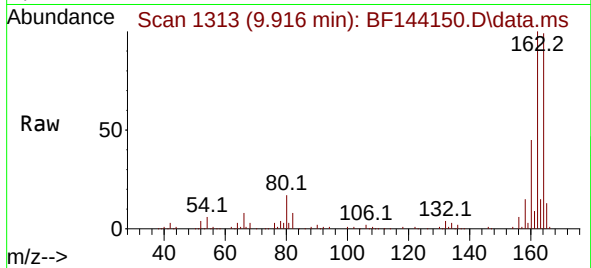




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

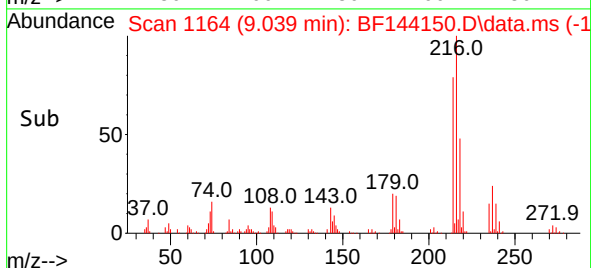
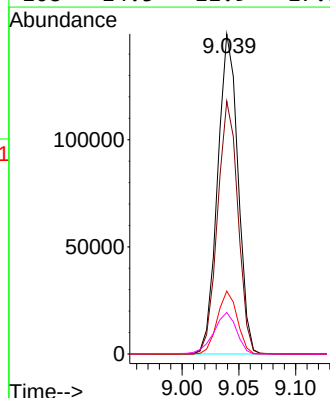
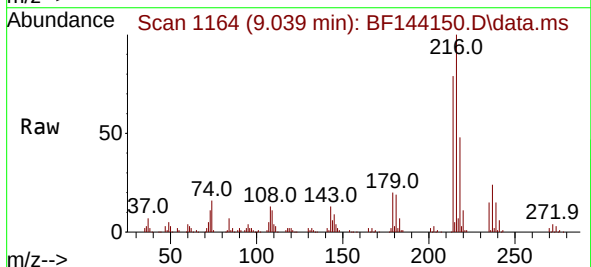
Instrument :
BNA_F
ClientSampleId :
TP5MSD

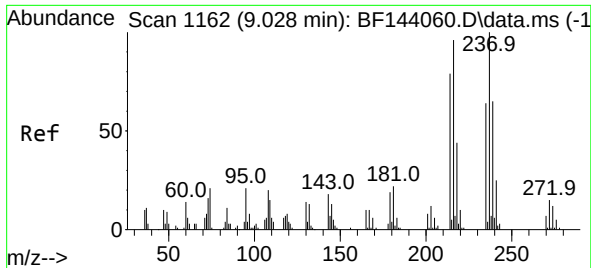
Tgt Ion:164 Resp: 125865
Ion Ratio Lower Upper
164 100
162 100.6 79.4 119.2
160 45.5 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.068 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion:216 Resp: 186302
Ion Ratio Lower Upper
216 100
214 78.7 63.2 94.8
179 19.2 15.2 22.8
108 14.5 11.9 17.9

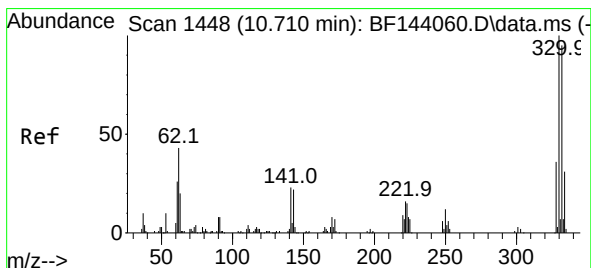
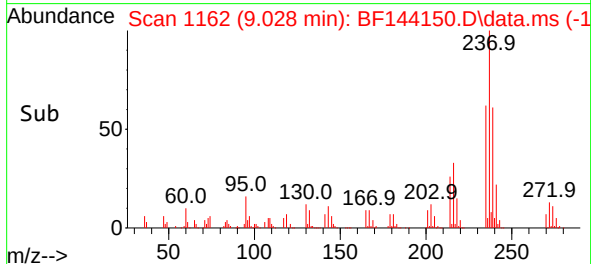
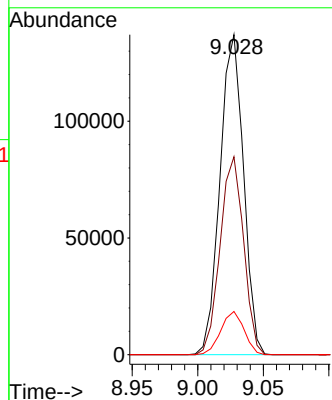
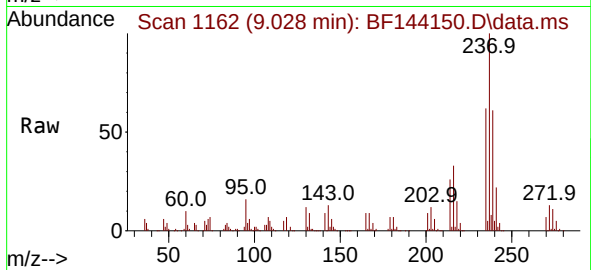




#41
Hexachlorocyclopentadiene
Concen: 127.776 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

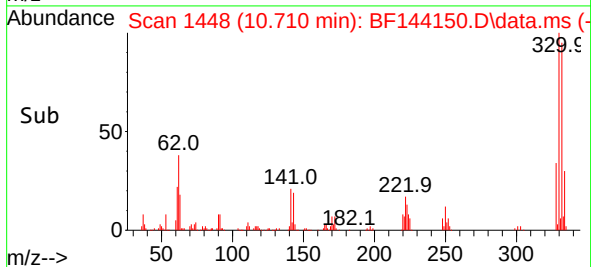
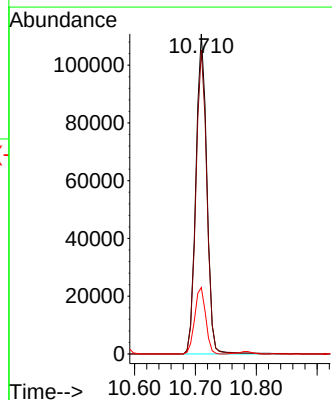
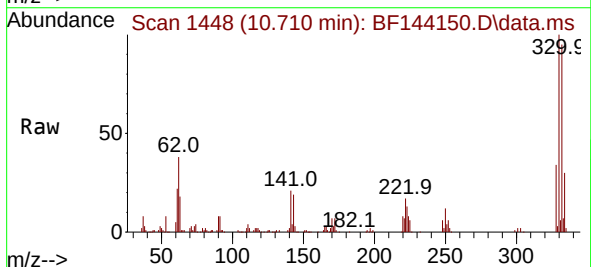
Instrument :
BNA_F
ClientSampleId :
TP5MSD

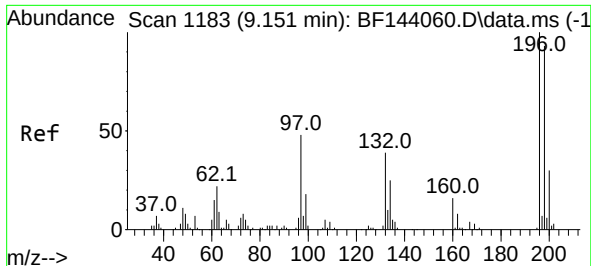
Tgt Ion:237 Resp: 170716
Ion Ratio Lower Upper
237 100
235 61.9 44.3 84.3
272 13.5 0.0 35.2



#42
2,4,6-Tribromophenol
Concen: 86.238 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion:330 Resp: 138264
Ion Ratio Lower Upper
330 100
332 94.6 77.0 115.6
141 20.8 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 43.736 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

Instrument :

BNA_F

ClientSampleId :

TP5MSD

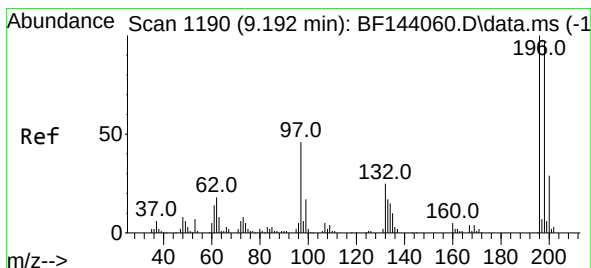
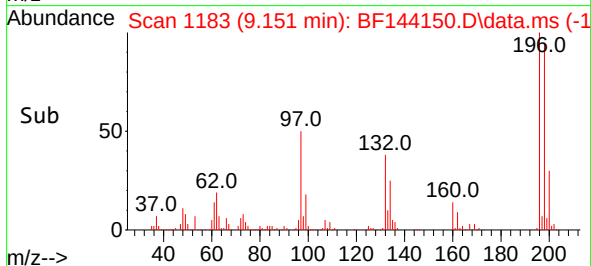
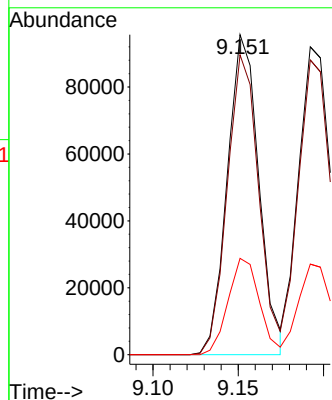
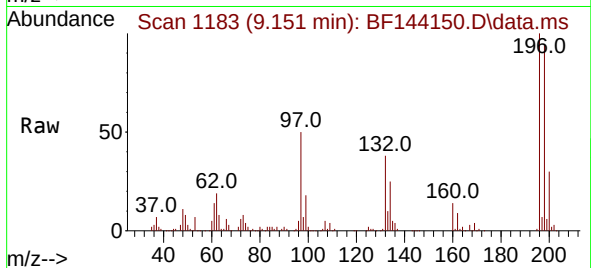
Tgt Ion:196 Resp: 122972

Ion Ratio Lower Upper

196 100

198 93.7 74.4 111.6

200 30.1 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 42.258 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

Tgt Ion:196 Resp: 124697

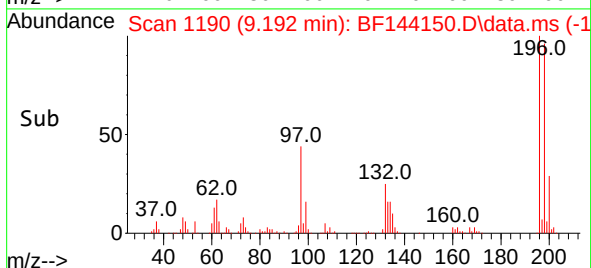
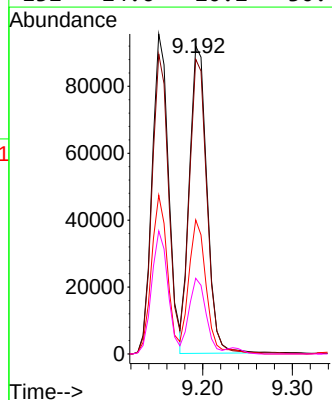
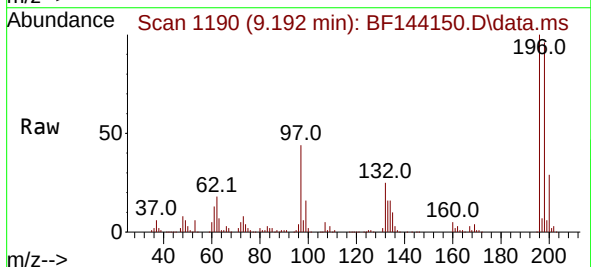
Ion Ratio Lower Upper

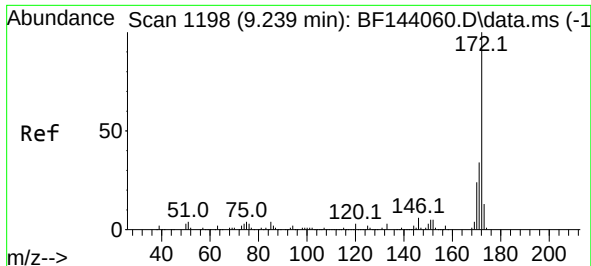
196 100

198 95.7 78.0 117.0

97 43.5 37.7 56.5

132 24.6 20.2 30.4

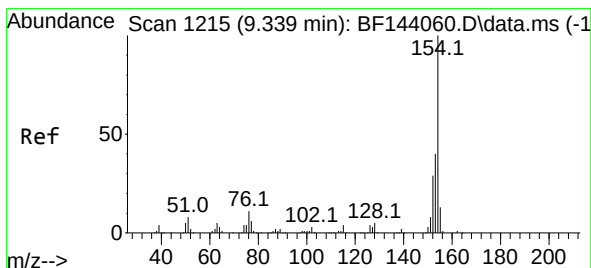
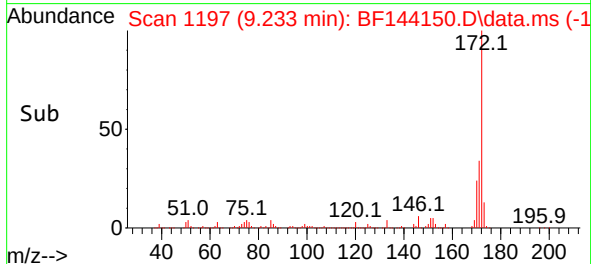
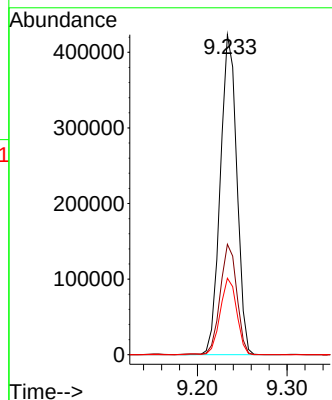
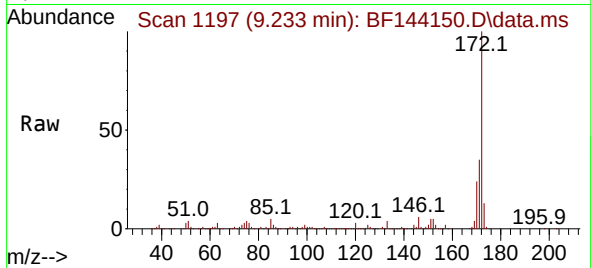




#45
2-Fluorobiphenyl
Concen: 60.452 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

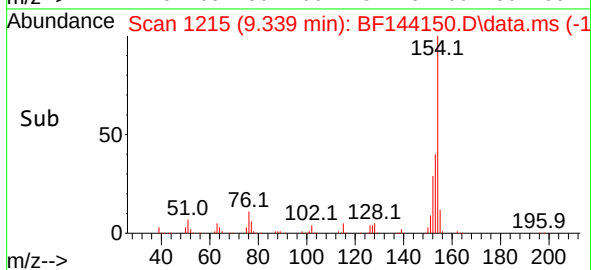
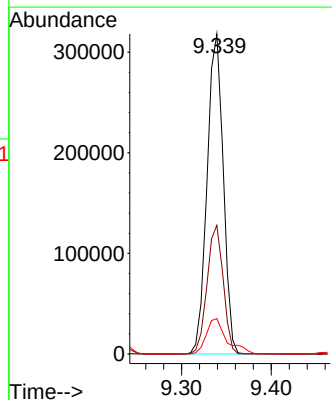
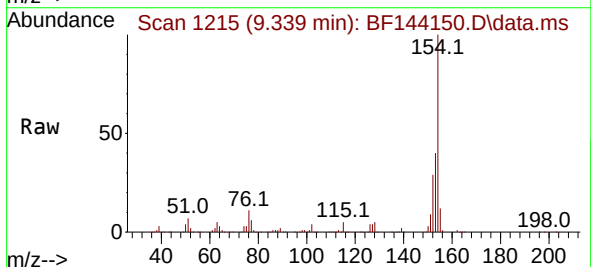
Instrument :
BNA_F
ClientSampleId :
TP5MSD

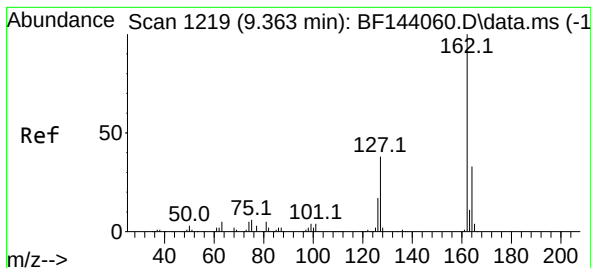
Tgt Ion:172 Resp: 540695
Ion Ratio Lower Upper
172 100
171 34.5 27.5 41.3
170 23.9 19.0 28.6



#46
1,1'-Biphenyl
Concen: 44.162 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion:154 Resp: 397895
Ion Ratio Lower Upper
154 100
153 40.2 19.7 59.7
76 11.0 0.0 31.1





#47

2-Chloronaphthalene

Concen: 44.053 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

Instrument :

BNA_F

ClientSampleId :

TP5MSD

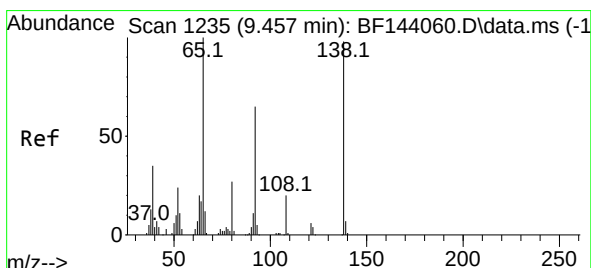
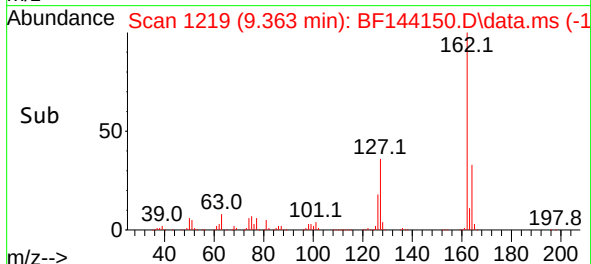
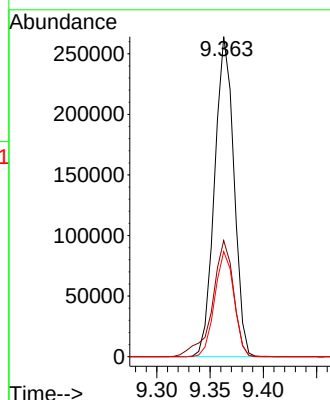
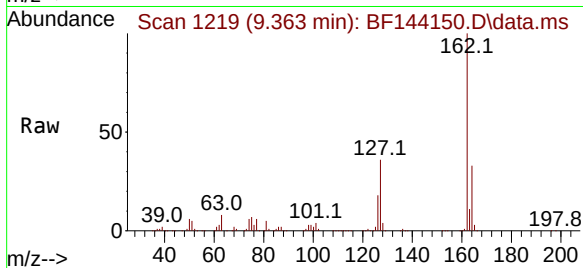
Tgt Ion:162 Resp: 332525

Ion Ratio Lower Upper

162 100

127 36.3 31.6 47.4

164 32.9 26.5 39.7



#48

2-Nitroaniline

Concen: 41.542 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

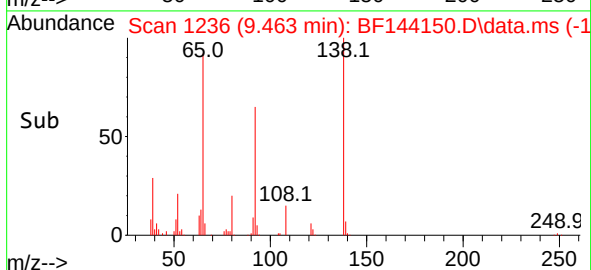
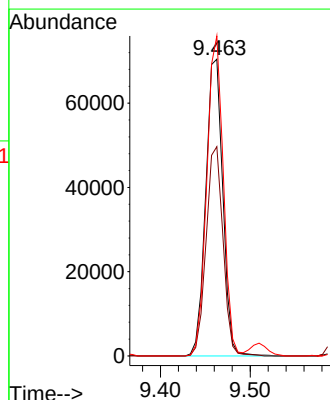
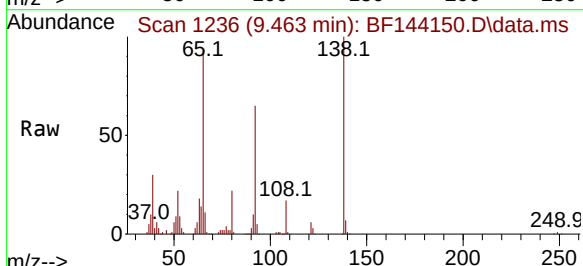
Tgt Ion: 65 Resp: 93115

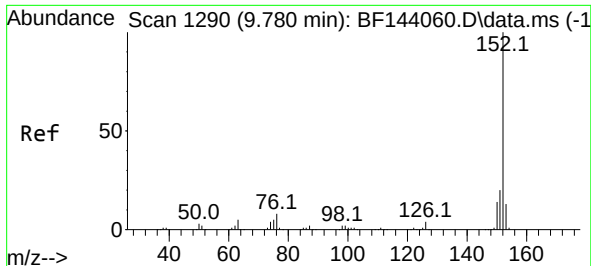
Ion Ratio Lower Upper

65 100

92 70.5 52.3 78.5

138 107.8 78.3 117.5





#49

Acenaphthylene

Concen: 49.653 ng

RT: 9.780 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

Instrument :

BNA_F

ClientSampleId :

TP5MSD

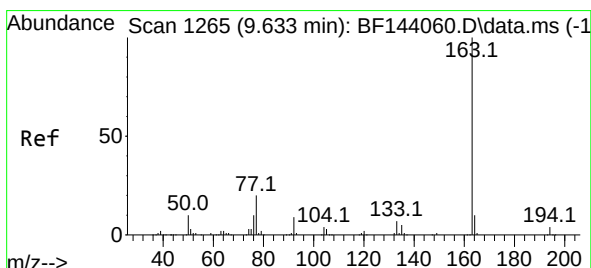
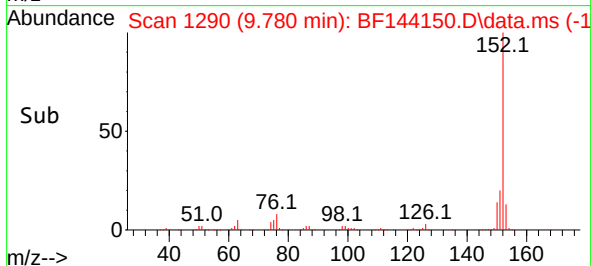
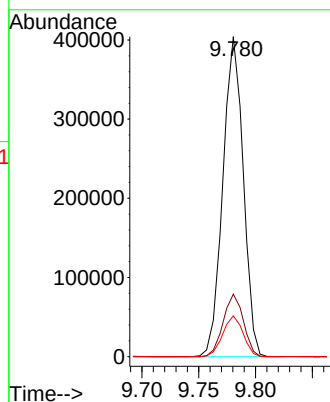
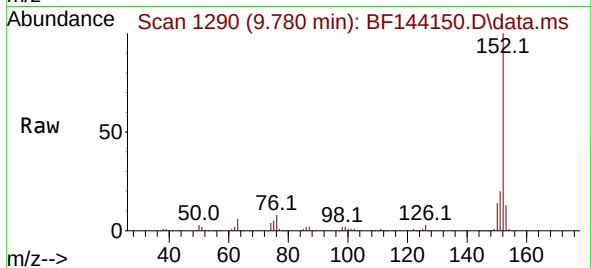
Tgt Ion:152 Resp: 505367

Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

153 12.7 10.4 15.6



#50

Dimethylphthalate

Concen: 43.860 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.006 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

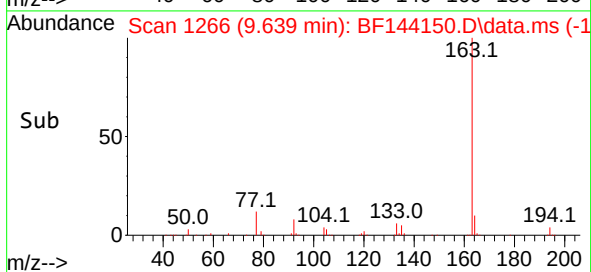
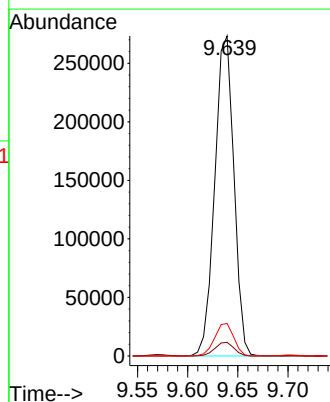
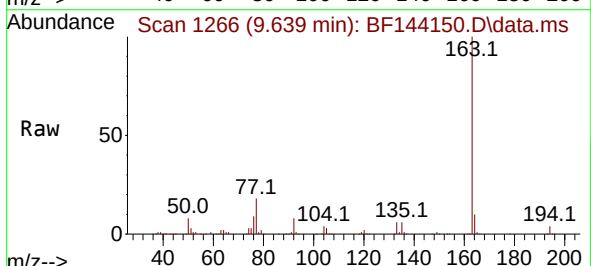
Tgt Ion:163 Resp: 361858

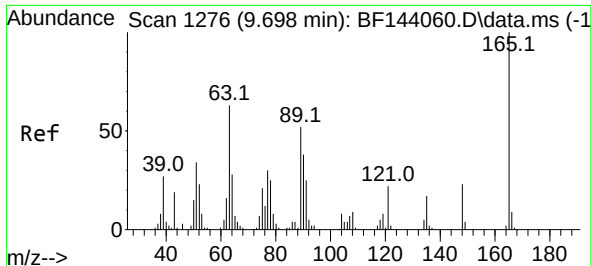
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.1 7.8 11.8

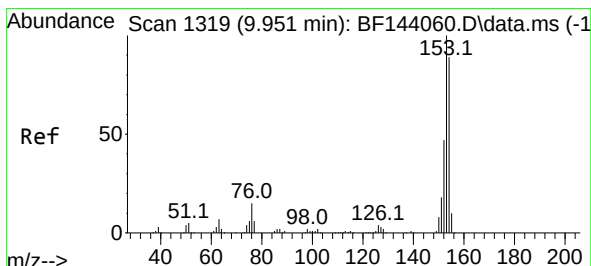
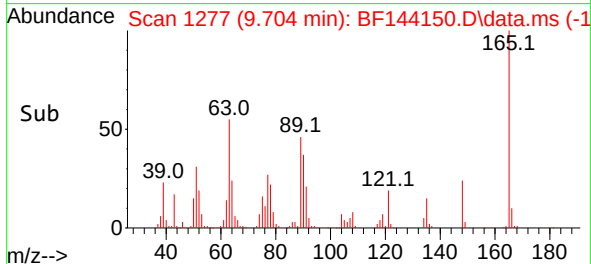
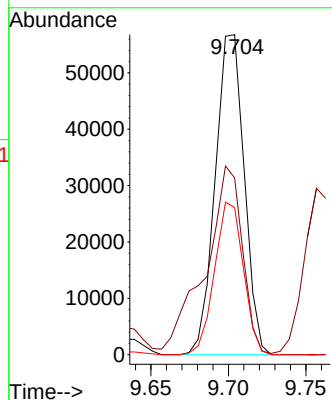
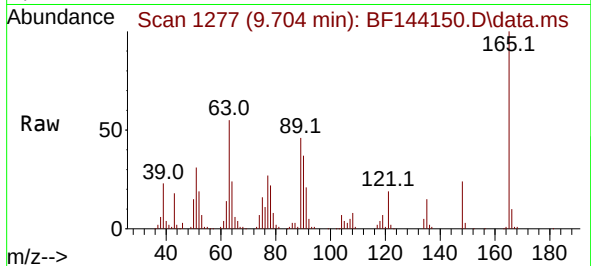




#51
2,6-Dinitrotoluene
Concen: 45.356 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

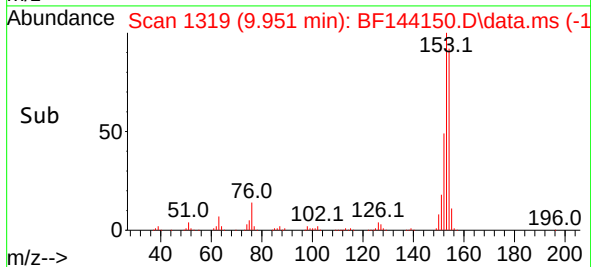
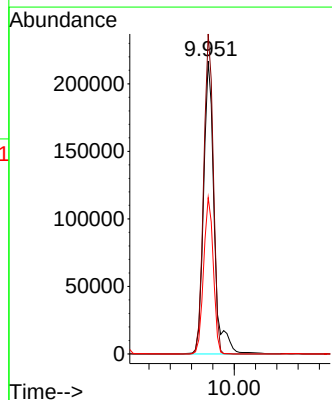
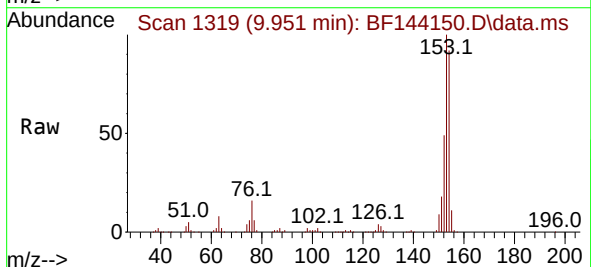
Instrument :
BNA_F
ClientSampleId :
TP5MSD

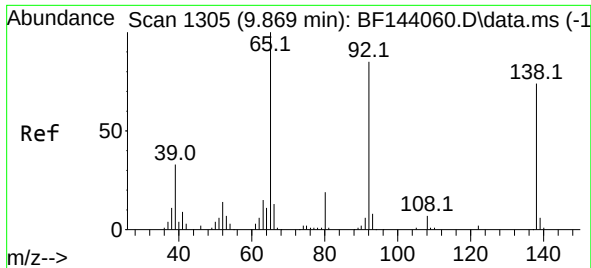
Tgt Ion:165 Resp: 73975
Ion Ratio Lower Upper
165 100
63 55.2 50.4 75.6
89 46.0 41.4 62.2



#52
Acenaphthene
Concen: 43.936 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion:154 Resp: 298642
Ion Ratio Lower Upper
154 100
153 109.2 89.9 134.9
152 53.3 42.0 63.0

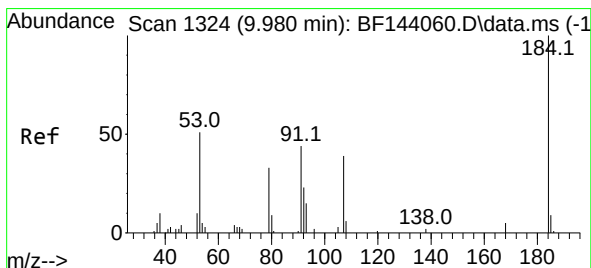
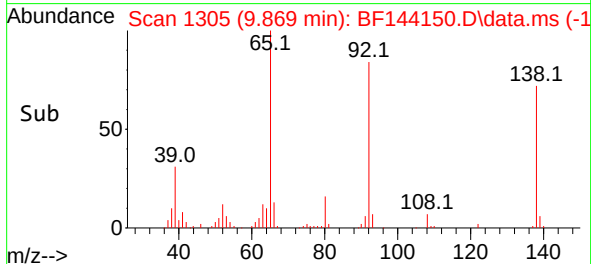
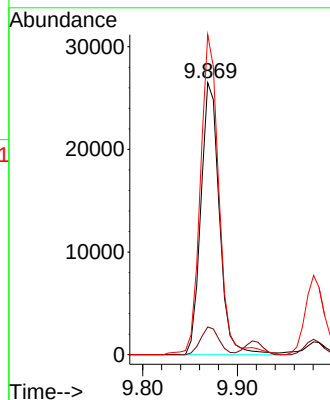
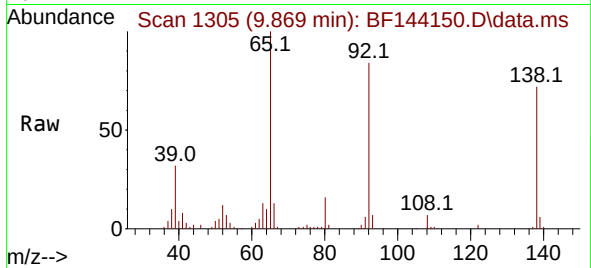




#53
3-Nitroaniline
Concen: 19.858 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

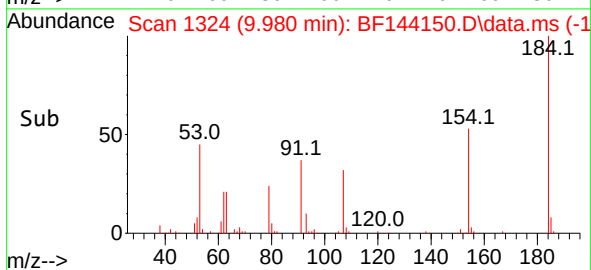
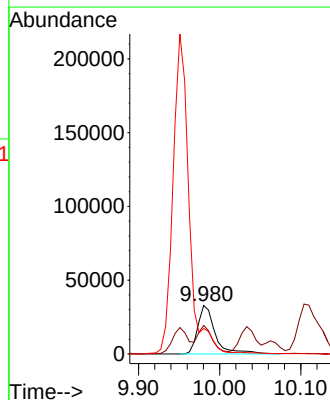
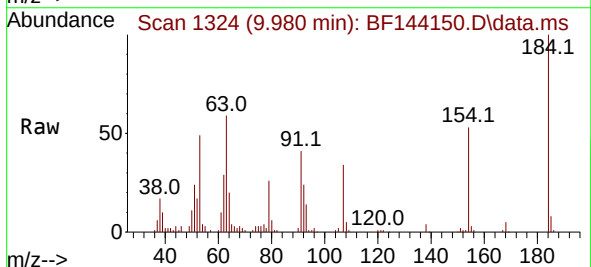
Instrument :
BNA_F
ClientSampleId :
TP5MSD

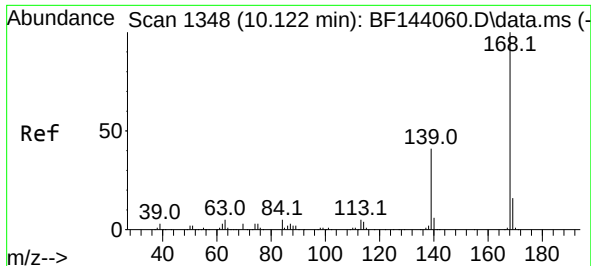
Tgt Ion:138 Resp: 36010
Ion Ratio Lower Upper
138 100
108 10.2 7.9 11.9
92 117.7 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 56.153 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion:184 Resp: 49535
Ion Ratio Lower Upper
184 100
63 58.7 52.1 78.1
154 52.7 47.9 71.9

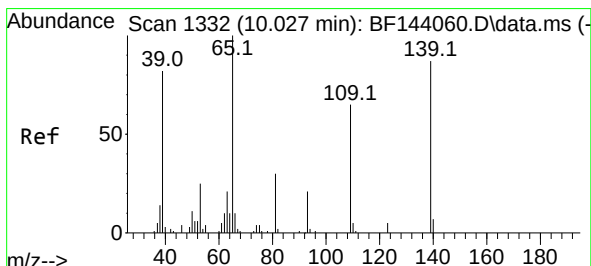
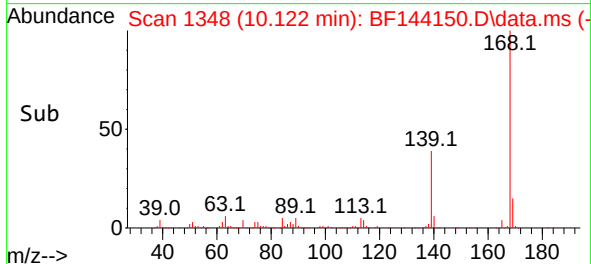
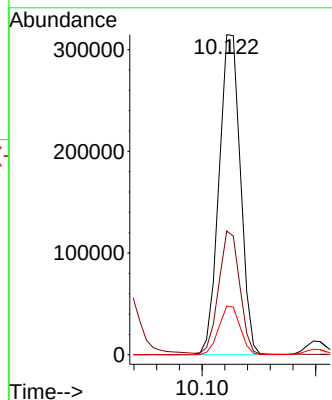
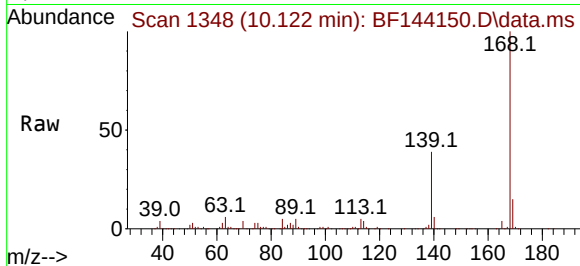




#55
Dibenzofuran
Concen: 43.748 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

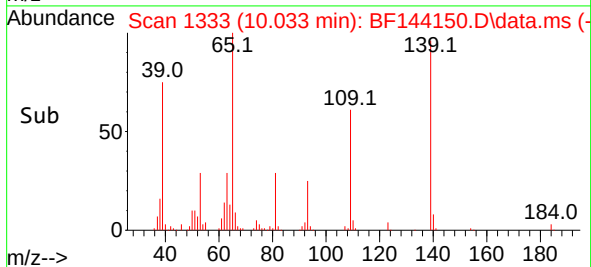
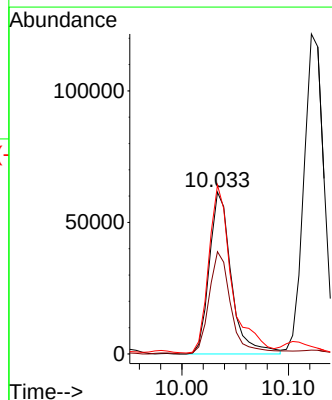
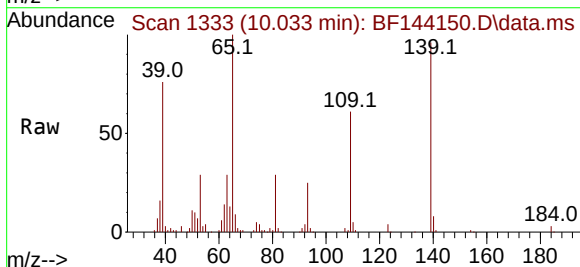
Instrument :
BNA_F
ClientSampleId :
TP5MSD

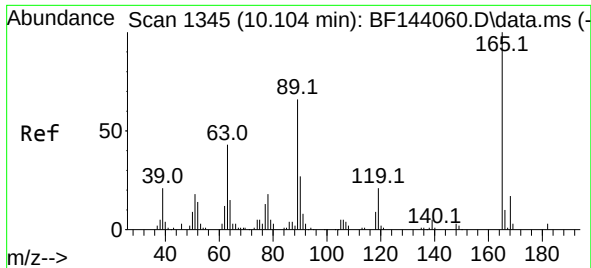
Tgt Ion:168 Resp: 412826
Ion Ratio Lower Upper
168 100
139 38.6 33.2 49.8
169 15.2 12.6 19.0



#56
4-Nitrophenol
Concen: 72.080 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion:139 Resp: 88509
Ion Ratio Lower Upper
139 100
109 63.3 53.8 93.8
65 104.5 95.9 135.9

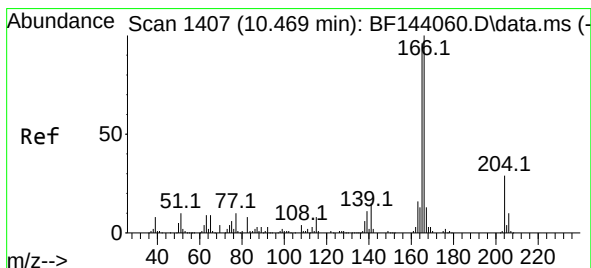
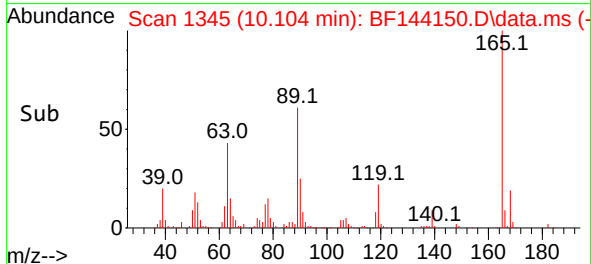
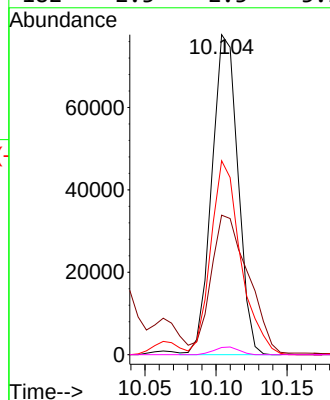
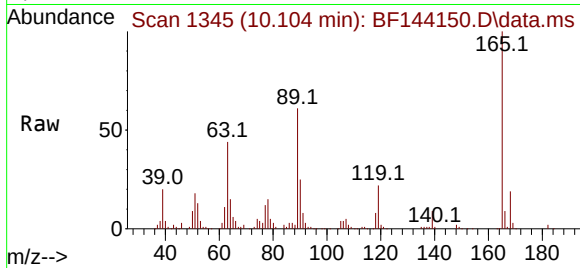




#57
2,4-Dinitrotoluene
Concen: 45.096 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

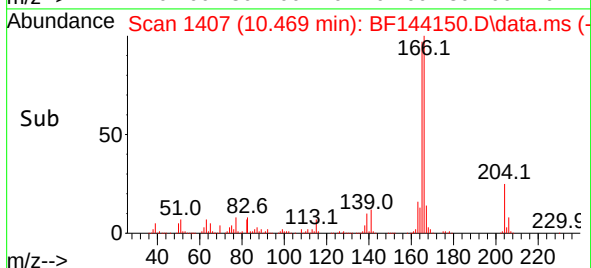
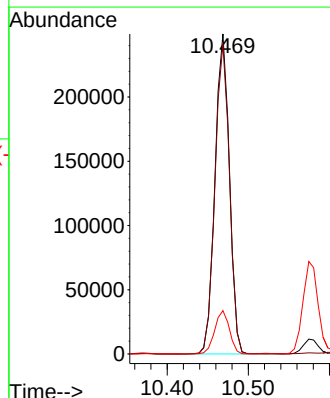
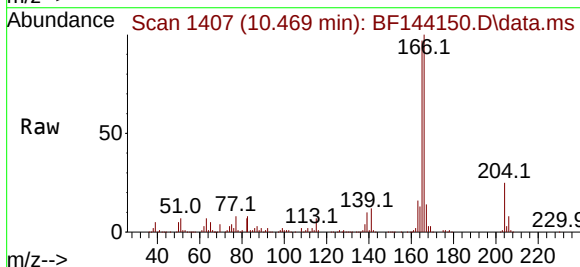
Instrument :
BNA_F
ClientSampleId :
TP5MSD

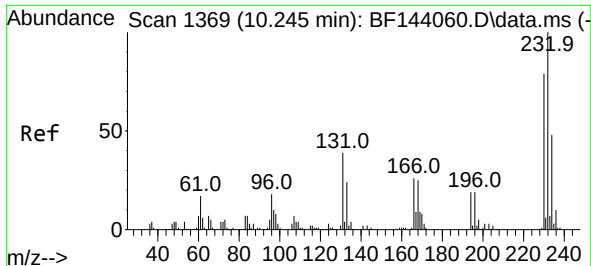
Tgt Ion:165 Resp: 99268
Ion Ratio Lower Upper
165 100
63 43.6 35.4 53.2
89 60.6 52.7 79.1
182 2.3 2.3 3.5#



#58
Fluorene
Concen: 42.826 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion:166 Resp: 307927
Ion Ratio Lower Upper
166 100
165 96.8 77.0 115.4
167 13.6 10.2 15.4

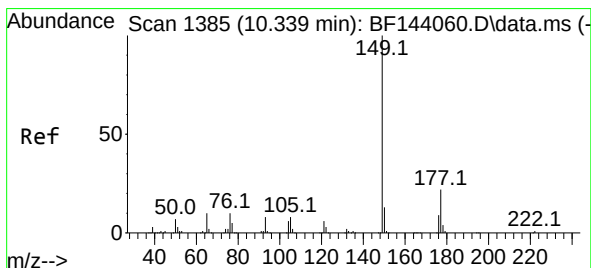
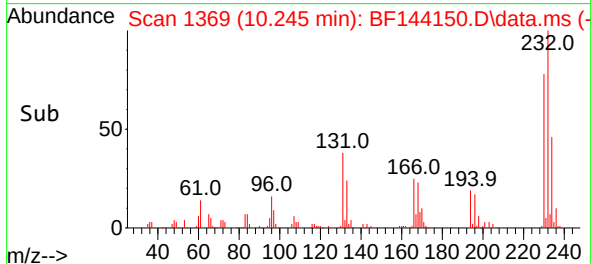
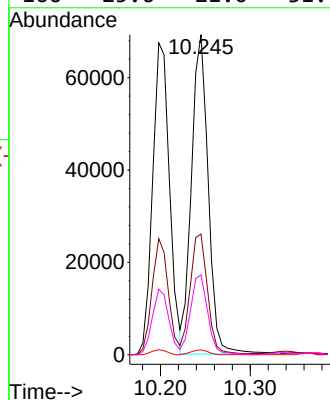
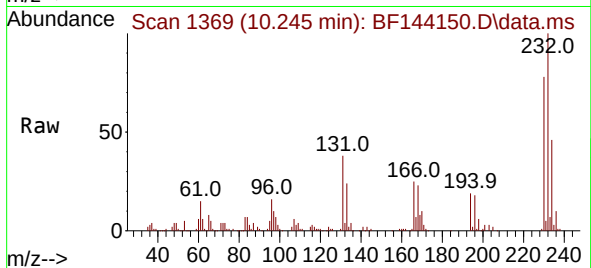




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.126 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

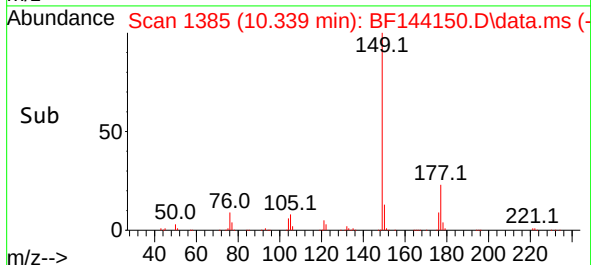
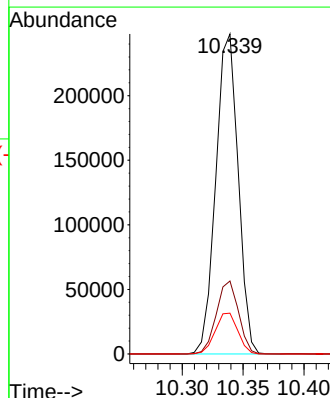
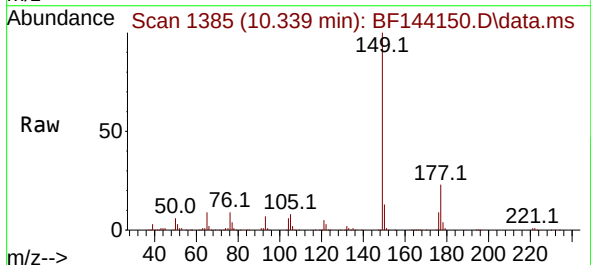
Instrument :
BNA_F
ClientSampleId :
TP5MSD

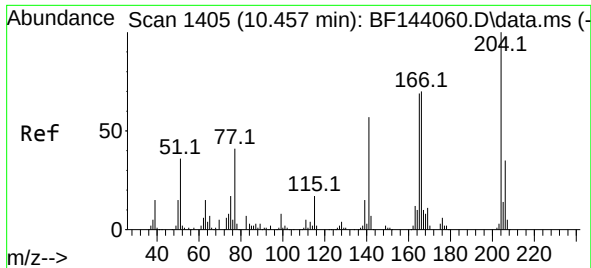
Tgt Ion:232 Resp: 89677
Ion Ratio Lower Upper
232 100
131 39.2 31.9 47.9
130 1.5 1.1 1.7
166 25.6 21.0 31.4



#60
Diethylphthalate
Concen: 40.846 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion:149 Resp: 316911
Ion Ratio Lower Upper
149 100
177 22.8 17.8 26.6
150 12.7 10.1 15.1

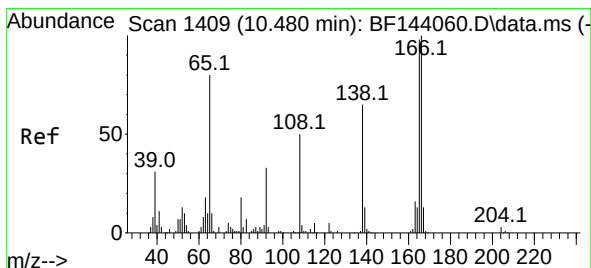
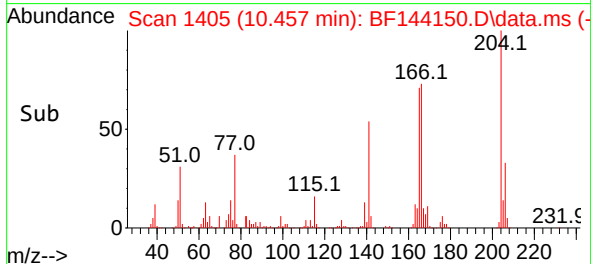
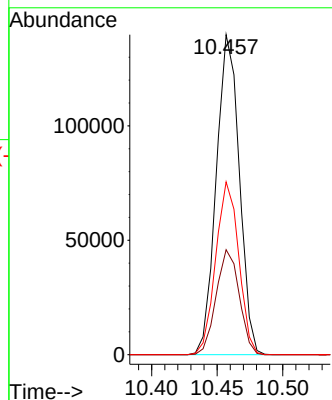
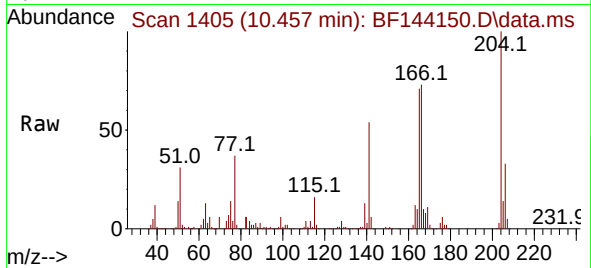




#61
4-Chlorophenyl-phenylether
Concen: 42.250 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

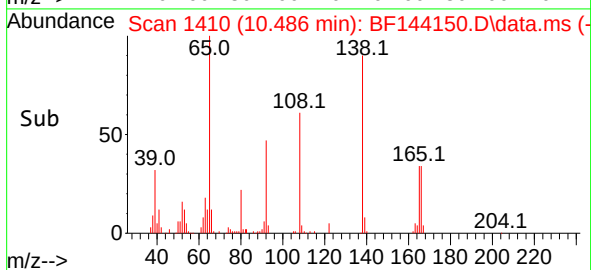
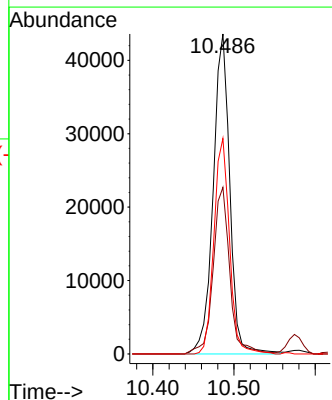
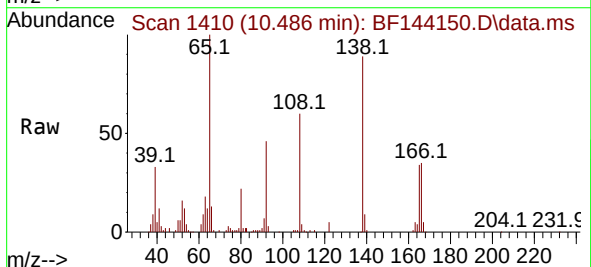
Instrument :
BNA_F
ClientSampleId :
TP5MSD

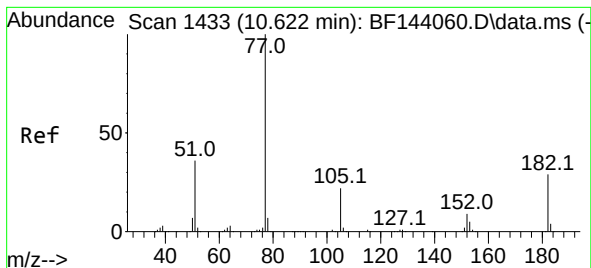
Tgt Ion:204 Resp: 170836
Ion Ratio Lower Upper
204 100
206 32.8 27.8 41.6
141 54.0 45.4 68.2



#62
4-Nitroaniline
Concen: 36.159 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion:138 Resp: 62127
Ion Ratio Lower Upper
138 100
92 52.0 30.5 70.5
108 67.4 56.2 96.2





#63

Azobenzene

Concen: 45.177 ng

RT: 10.622 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

Instrument :

BNA_F

ClientSampleId :

TP5MSD

Tgt Ion: 77 Resp: 331758

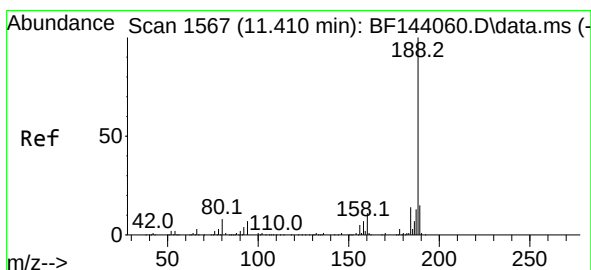
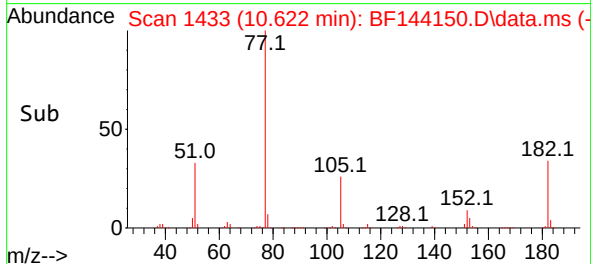
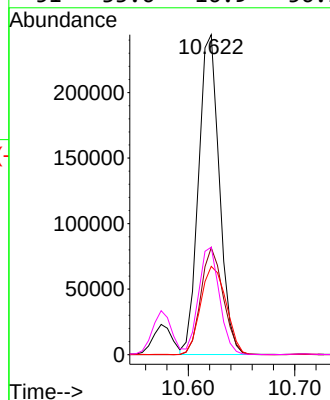
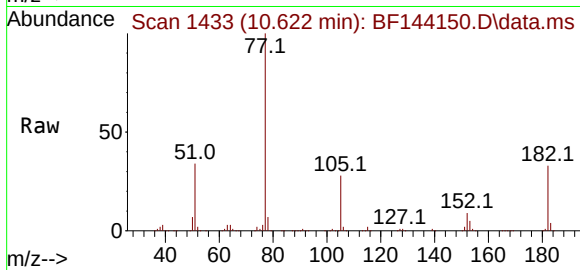
Ion Ratio Lower Upper

77 100

182 33.5 9.0 49.0

105 27.6 1.4 41.4

51 33.6 16.9 56.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

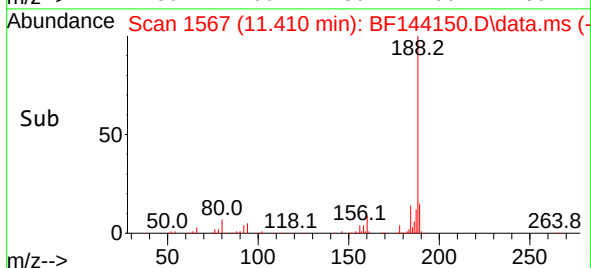
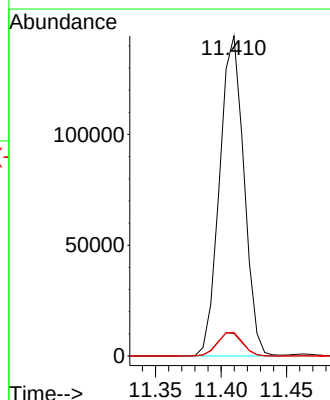
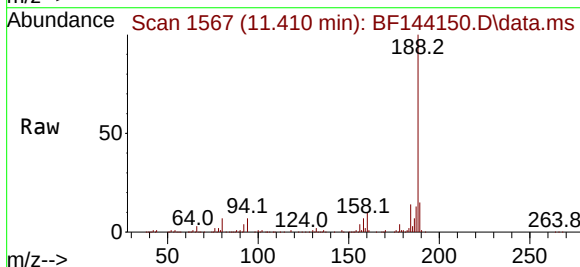
Tgt Ion:188 Resp: 186796

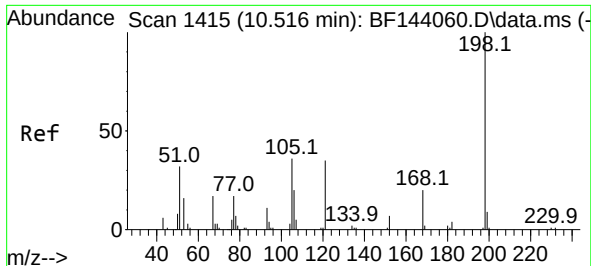
Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.0

80 7.4 6.0 9.0

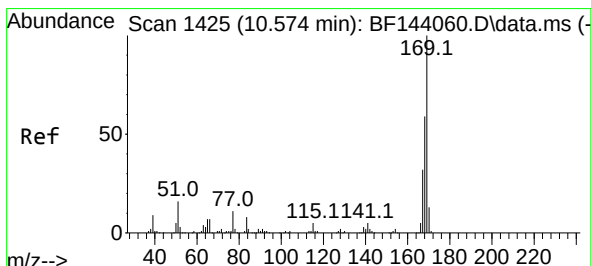
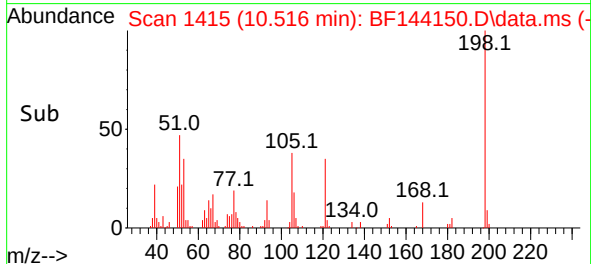
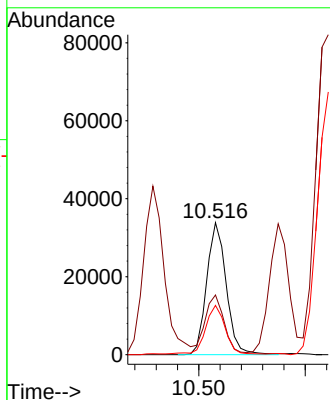
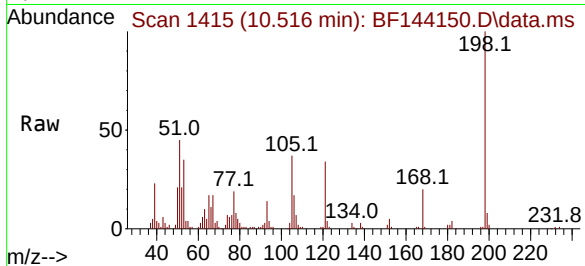




#65
4,6-Dinitro-2-methylphenol
Concen: 36.042 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

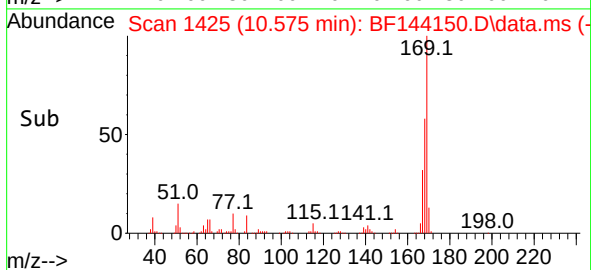
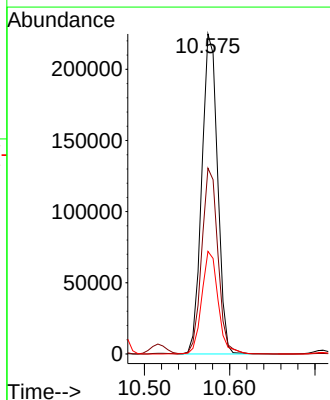
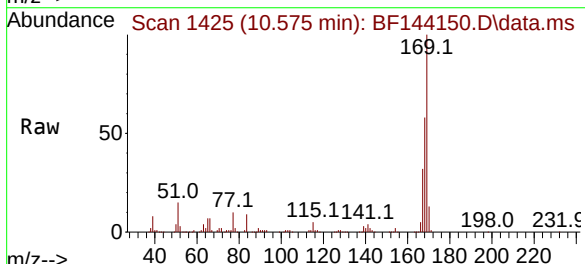
Instrument :
BNA_F
ClientSampleId :
TP5MSD

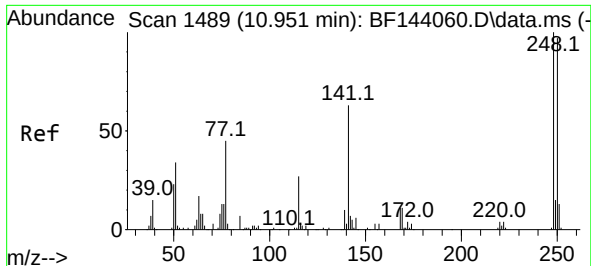
Tgt Ion:198 Resp: 43195
Ion Ratio Lower Upper
198 100
51 45.2 25.8 65.8
105 37.4 17.2 57.2



#66
n-Nitrosodiphenylamine
Concen: 48.438 ng
RT: 10.575 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion:169 Resp: 289087
Ion Ratio Lower Upper
169 100
168 58.0 47.4 71.2
167 32.0 25.5 38.3

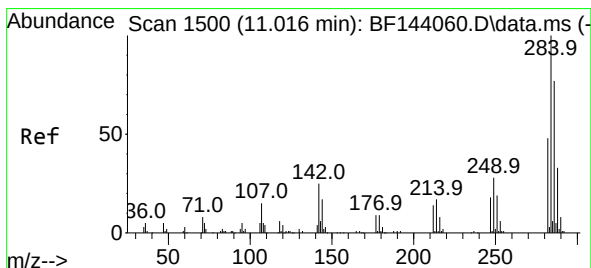
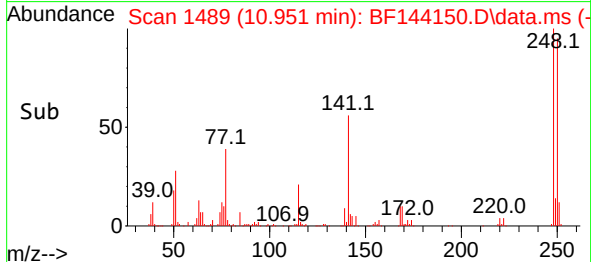
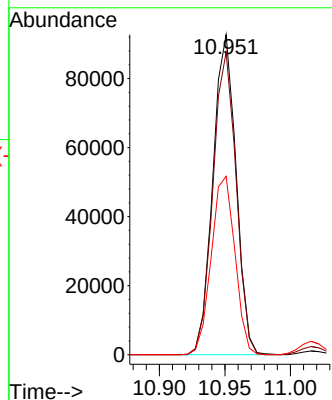
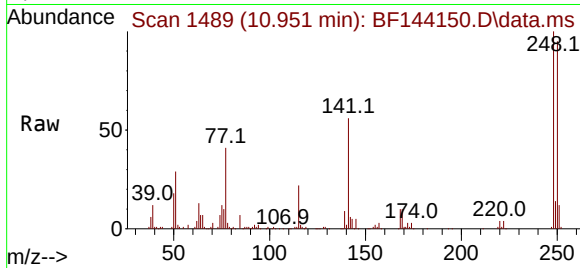




#67
4-Bromophenyl-phenylether
Concen: 48.712 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

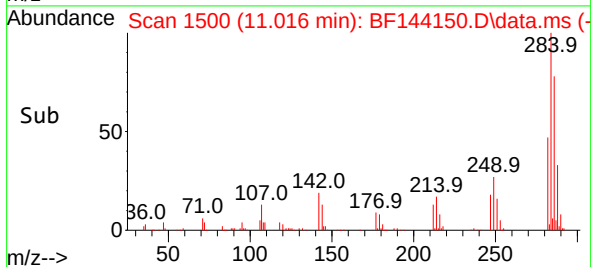
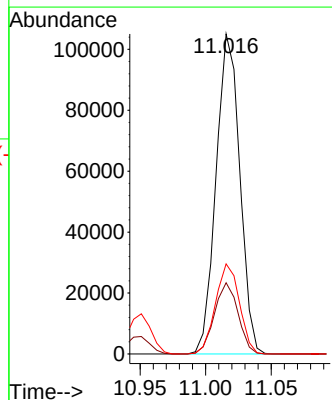
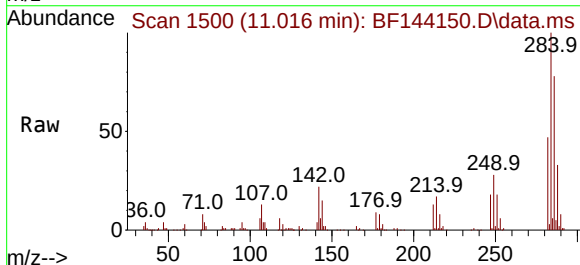
Instrument :
BNA_F
ClientSampleId :
TP5MSD

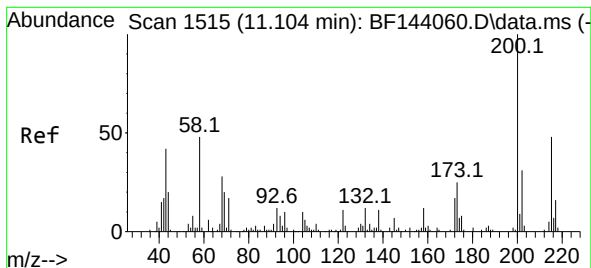
Tgt Ion:248 Resp: 113928
Ion Ratio Lower Upper
248 100
250 94.5 77.8 116.6
141 55.8 50.5 75.7



#68
Hexachlorobenzene
Concen: 46.021 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion:284 Resp: 132003
Ion Ratio Lower Upper
284 100
142 22.3 20.0 30.0
249 28.2 22.2 33.2





#69

Atrazine

Concen: 45.432 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

Instrument :

BNA_F

ClientSampleId :

TP5MSD

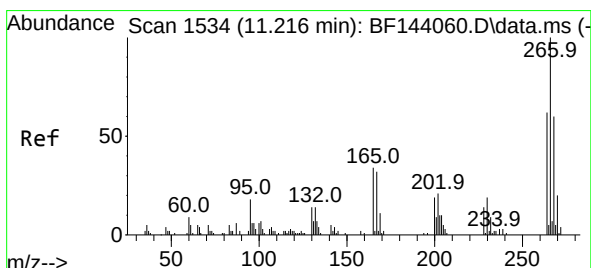
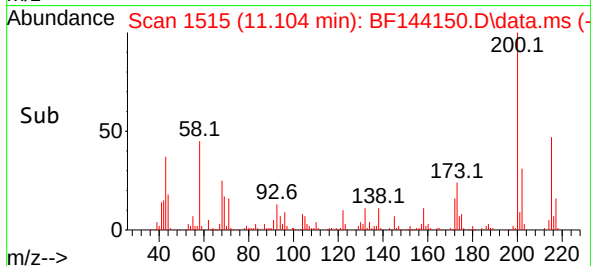
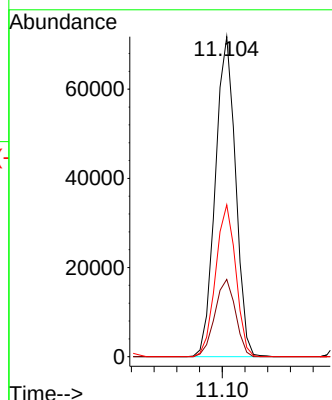
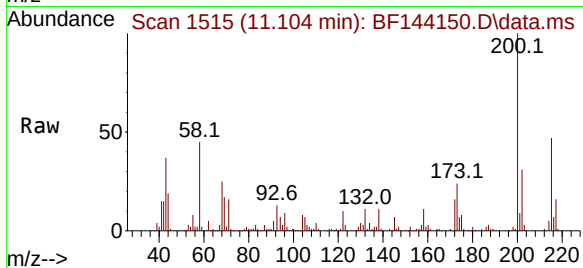
Tgt Ion:200 Resp: 88975

Ion Ratio Lower Upper

200 100

173 24.2 4.9 44.9

215 47.5 28.2 68.2



#70

Pentachlorophenol

Concen: 85.536 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

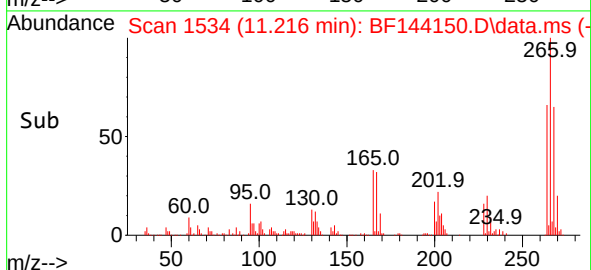
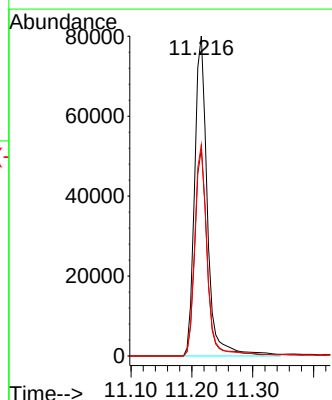
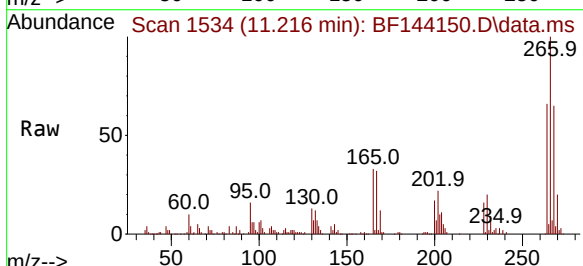
Tgt Ion:266 Resp: 116785

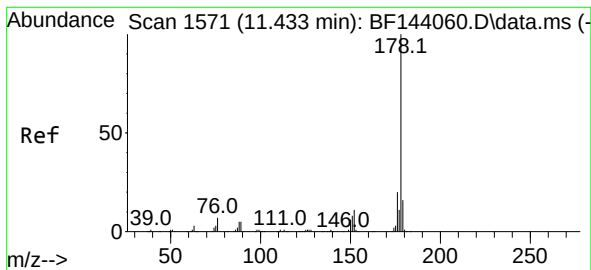
Ion Ratio Lower Upper

266 100

268 64.8 48.2 72.4

264 66.1 49.4 74.0





#71

Phenanthrene

Concen: 46.698 ng

RT: 11.433 min Scan# 1571

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

Instrument :

BNA_F

ClientSampleId :

TP5MSD

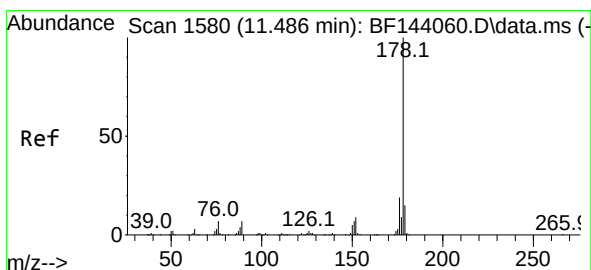
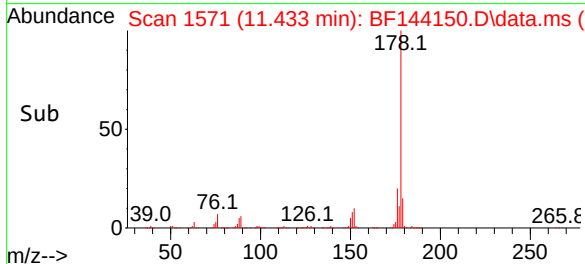
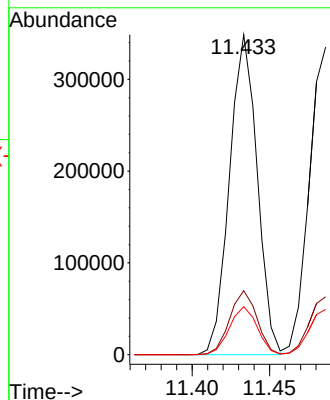
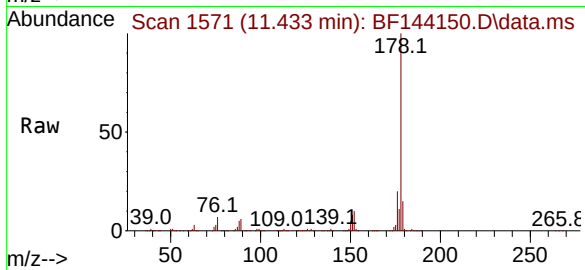
Tgt Ion:178 Resp: 433320

Ion Ratio Lower Upper

178 100

176 20.0 16.3 24.5

179 15.0 12.6 18.8



#72

Anthracene

Concen: 44.287 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

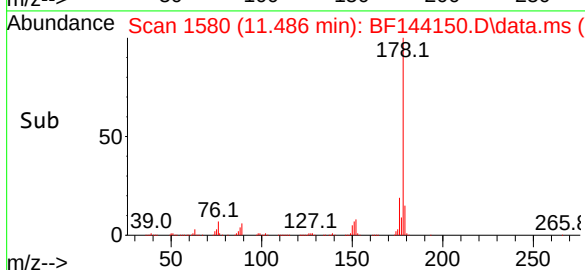
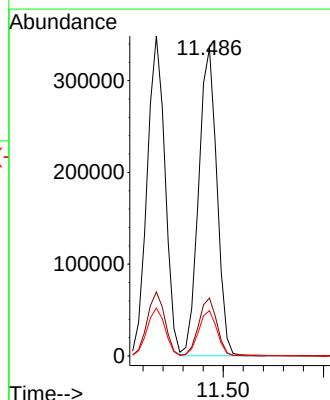
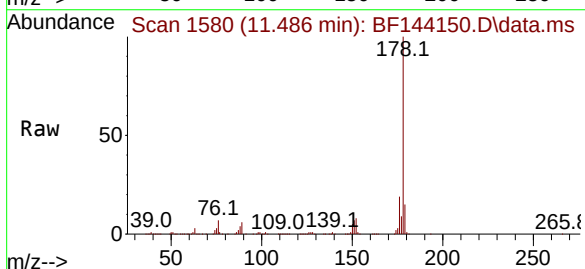
Tgt Ion:178 Resp: 424515

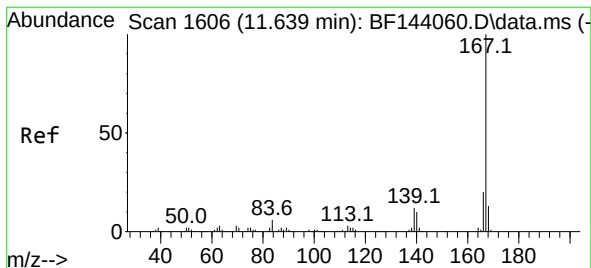
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 14.7 11.8 17.6





#73

Carbazole

Concen: 42.294 ng

RT: 11.639 min Scan# 1606

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

Instrument :

BNA_F

ClientSampleId :

TP5MSD

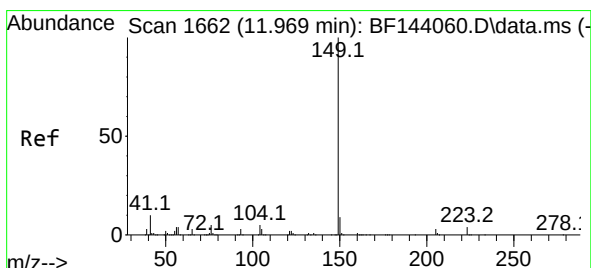
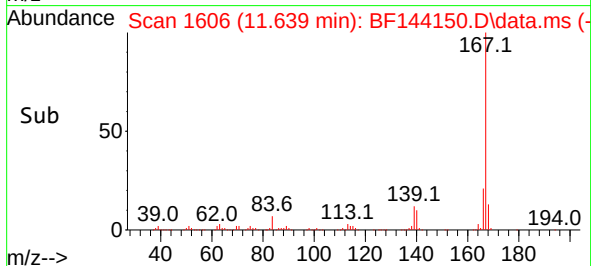
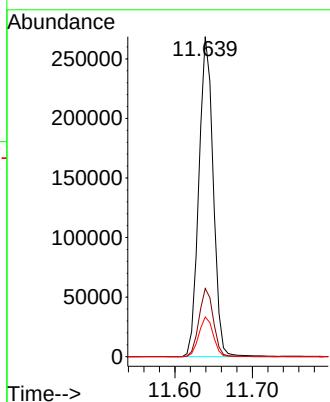
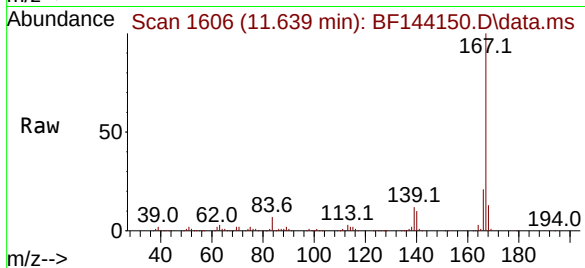
Tgt Ion:167 Resp: 345073

Ion Ratio Lower Upper

167 100

166 21.3 16.1 24.1

139 12.4 9.8 14.6



#74

Di-n-butylphthalate

Concen: 41.766 ng

RT: 11.969 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

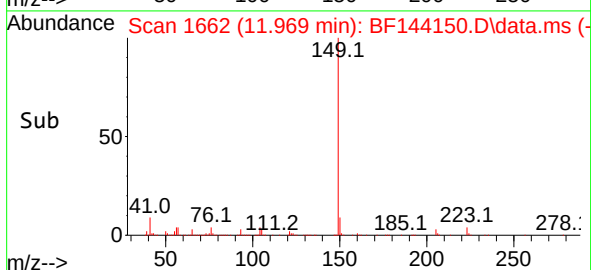
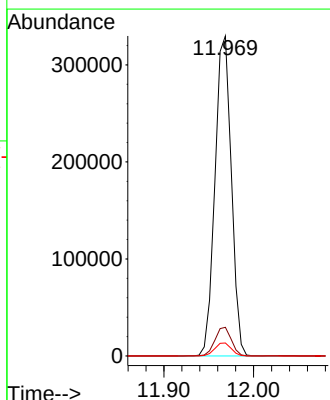
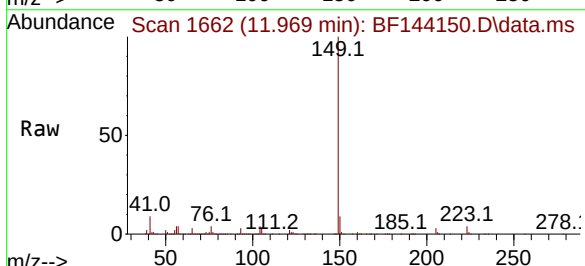
Tgt Ion:149 Resp: 417787

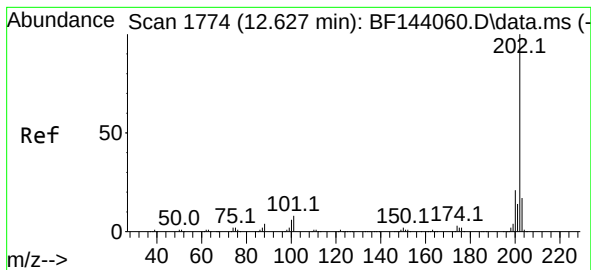
Ion Ratio Lower Upper

149 100

150 8.9 7.3 10.9

104 4.1 3.6 5.4

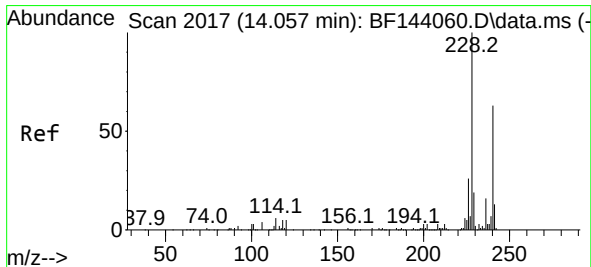
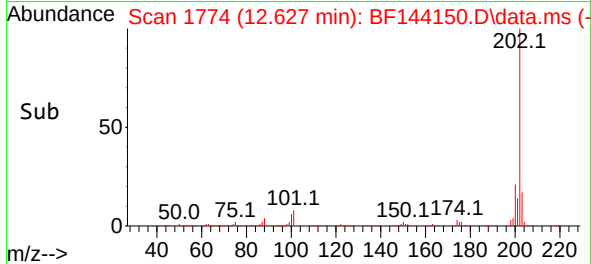
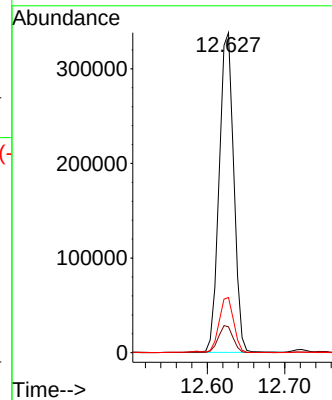
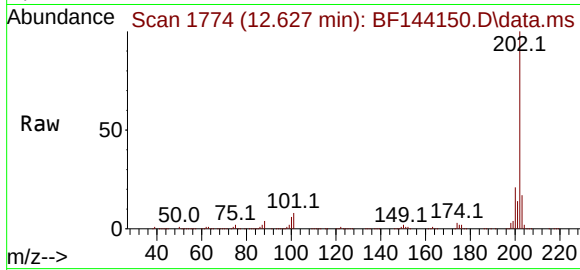




#75
Fluoranthene
Concen: 43.374 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

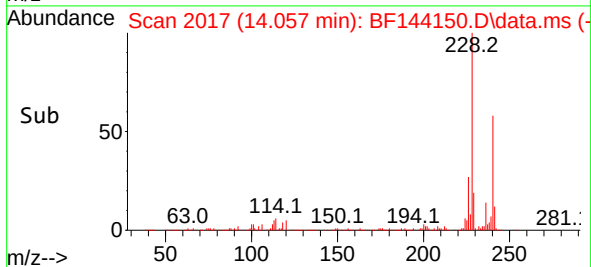
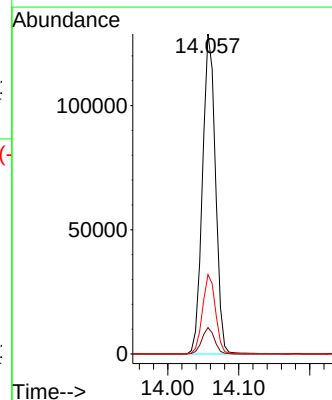
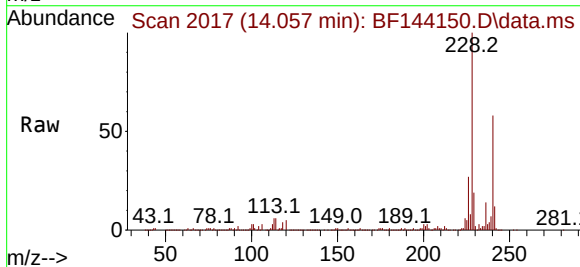
Instrument :
BNA_F
ClientSampleId :
TP5MSD

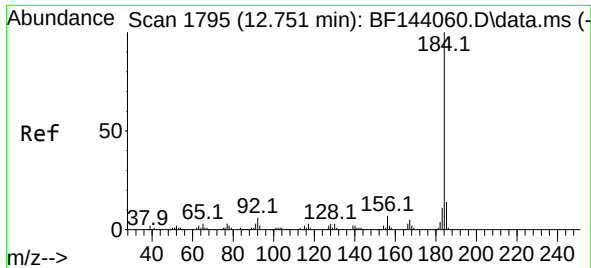
Tgt Ion:202 Resp: 444663
Ion Ratio Lower Upper
202 100
101 8.1 0.0 27.7
203 17.3 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion:240 Resp: 164706
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 24.8 20.1 30.1

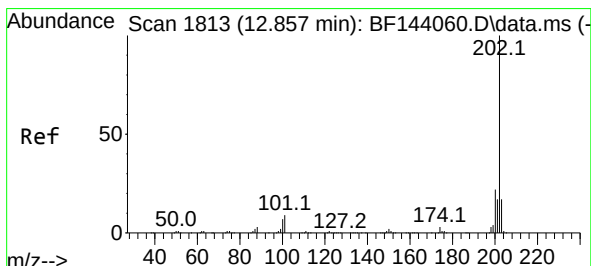
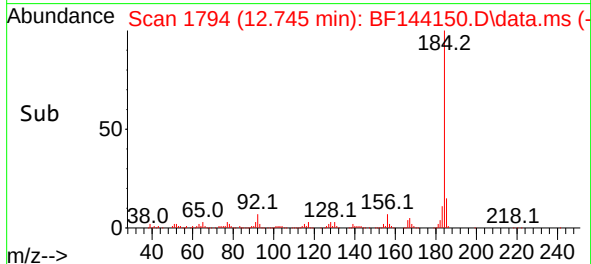
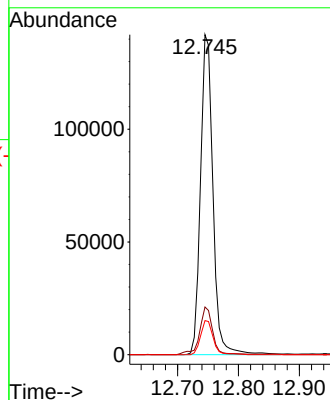
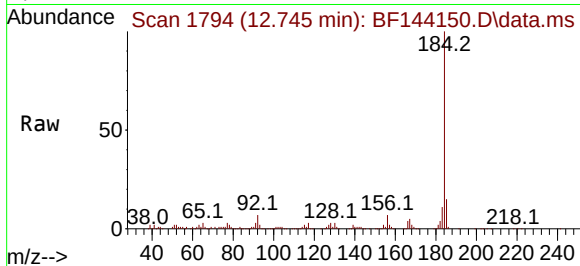




#77
Benzidine
Concen: 39.404 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

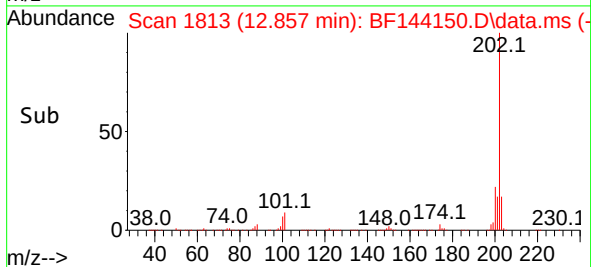
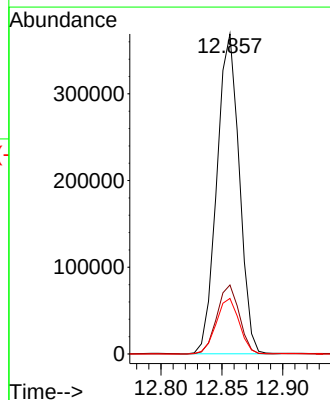
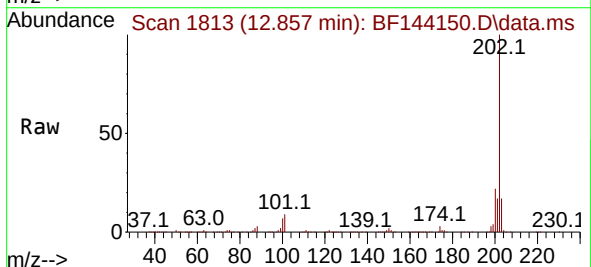
Instrument :
BNA_F
ClientSampleId :
TP5MSD

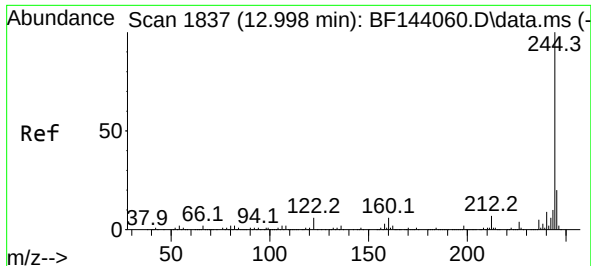
Tgt Ion:184 Resp: 201984
Ion Ratio Lower Upper
184 100
185 14.9 11.6 17.4
183 10.7 8.5 12.7



#78
Pyrene
Concen: 39.968 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion:202 Resp: 473275
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.4 13.5 20.3

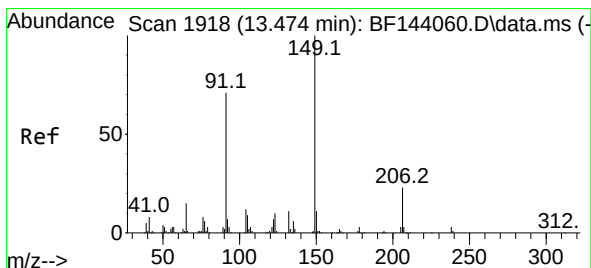
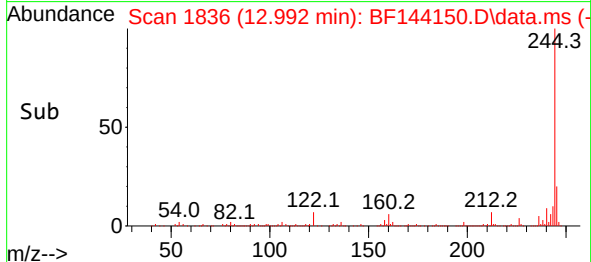
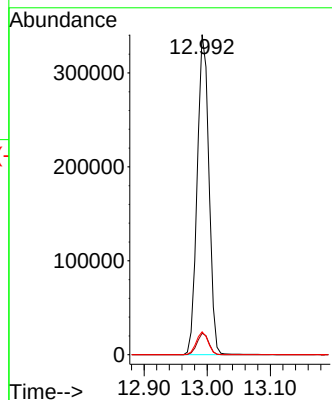
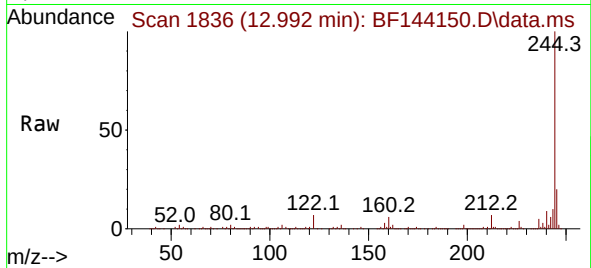




#79
 Terphenyl-d14
 Concen: 46.528 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF144150.D
 Acq: 30 Oct 2025 20:05

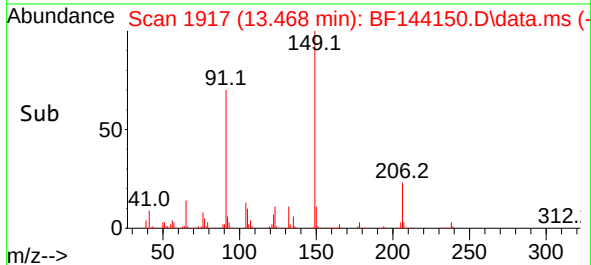
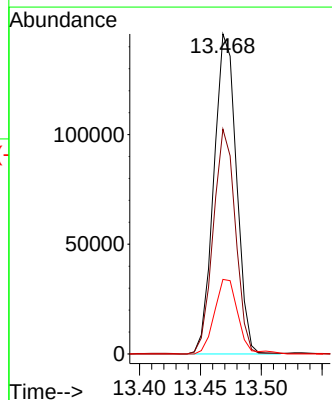
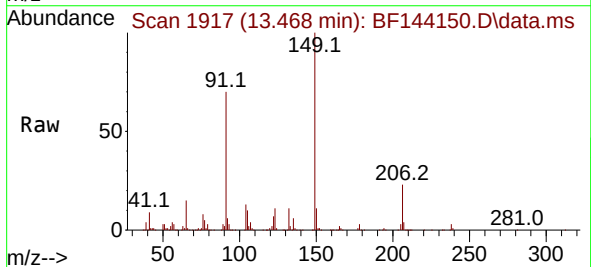
Instrument :
 BNA_F
 ClientSampleId :
 TP5MSD

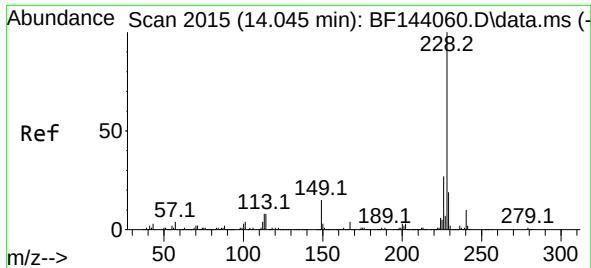
Tgt Ion:244 Resp: 438361
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 7.1 4.9 7.3



#80
 Butylbenzylphthalate
 Concen: 41.969 ng
 RT: 13.468 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF144150.D
 Acq: 30 Oct 2025 20:05

Tgt Ion:149 Resp: 188011
 Ion Ratio Lower Upper
 149 100
 91 70.2 56.6 84.8
 206 23.3 18.3 27.5

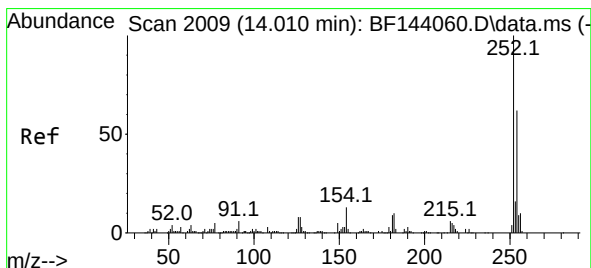
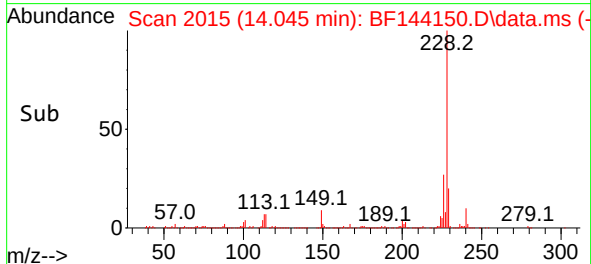
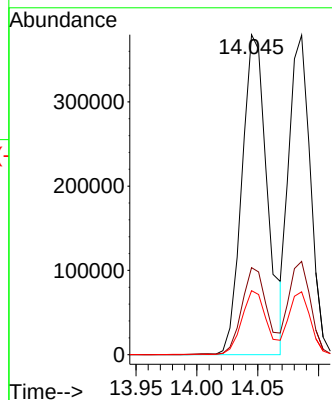
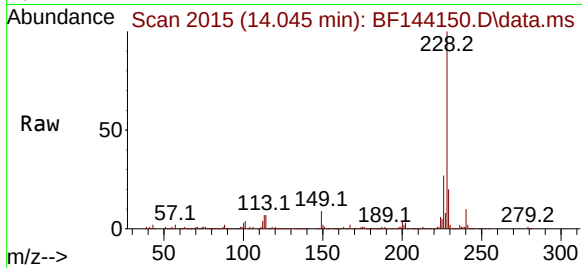




#81
Benzo(a)anthracene
Concen: 49.462 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

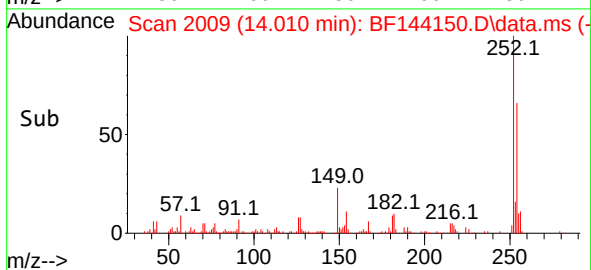
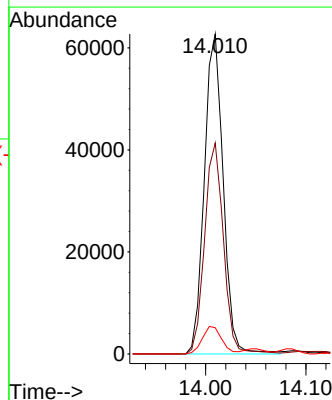
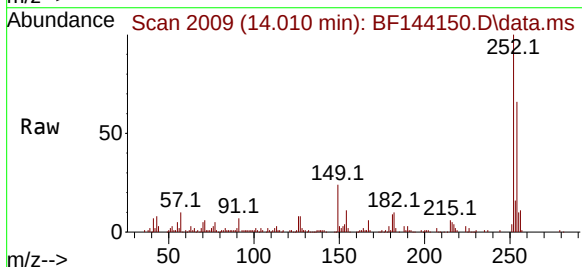
Instrument :
BNA_F
ClientSampleId :
TP5MSD

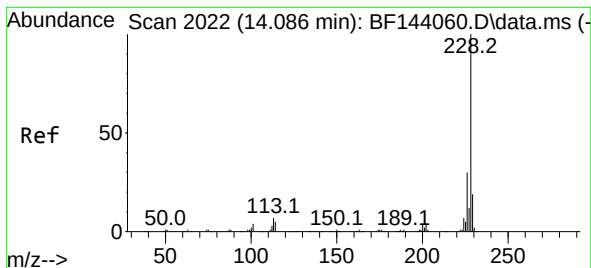
Tgt Ion:228 Resp: 550555
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.2
229 20.0 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 21.212 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion:252 Resp: 82191
Ion Ratio Lower Upper
252 100
254 65.9 49.9 74.9
126 8.2 6.5 9.7





#83

Chrysene

Concen: 44.118 ng

RT: 14.086 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

Instrument :

BNA_F

ClientSampleId :

TP5MSD

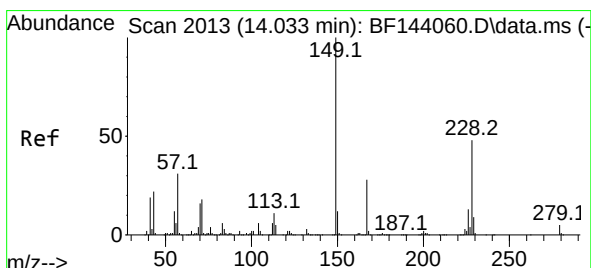
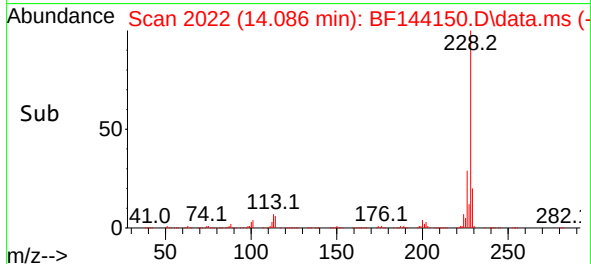
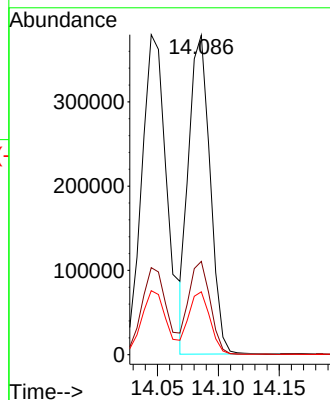
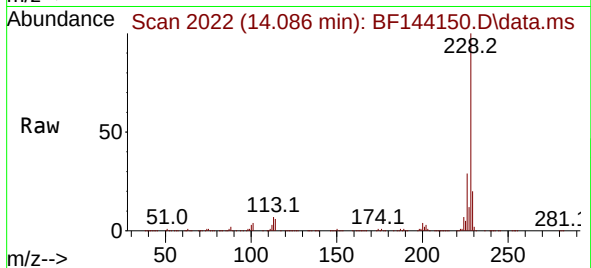
Tgt Ion:228 Resp: 460820

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.6

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.122 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

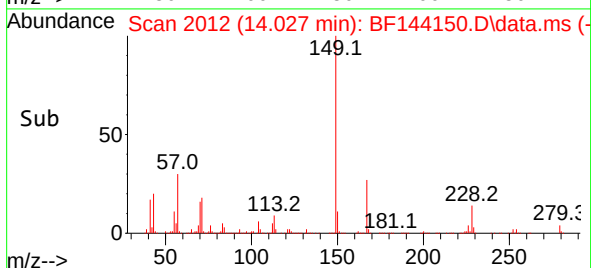
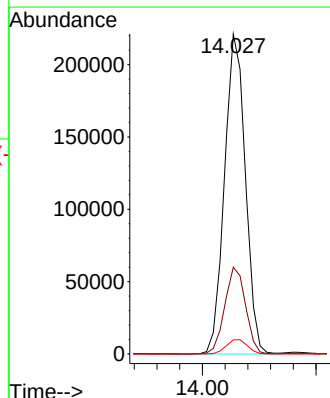
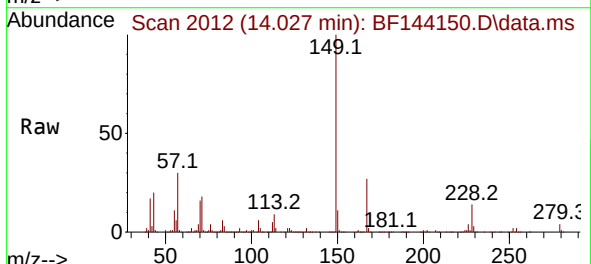
Tgt Ion:149 Resp: 282067

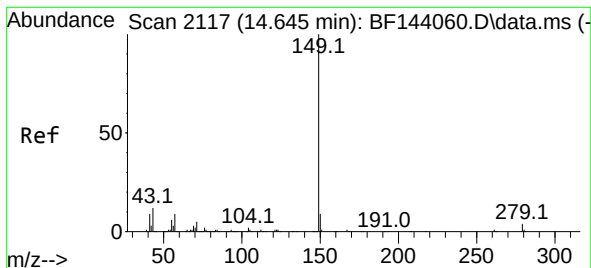
Ion Ratio Lower Upper

149 100

167 27.1 22.5 33.7

279 4.4 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 48.560 ng

RT: 14.645 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

Instrument :

BNA_F

ClientSampleId :

TP5MSD

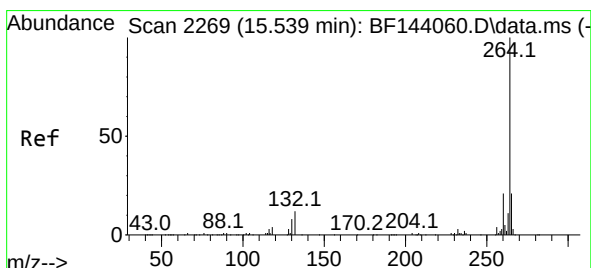
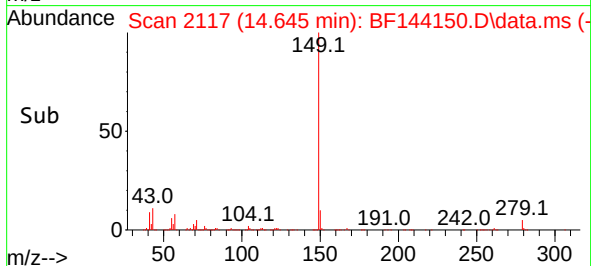
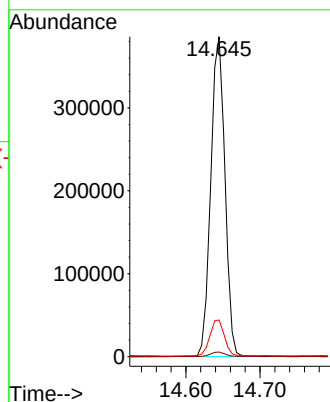
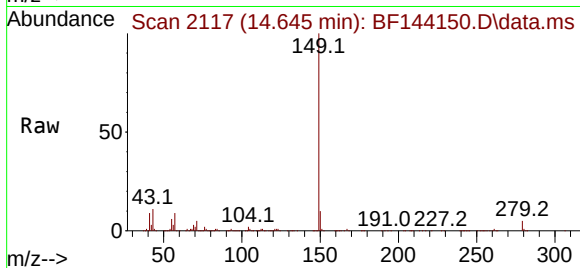
Tgt Ion:149 Resp: 510711

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.8 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

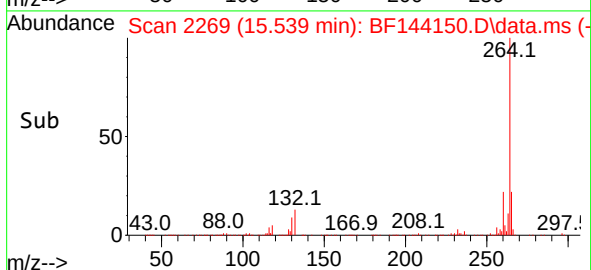
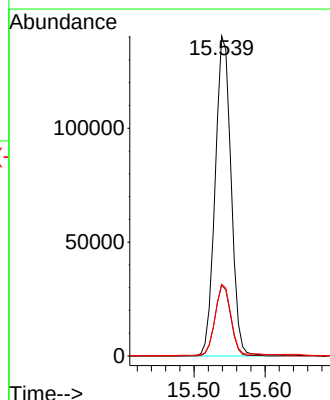
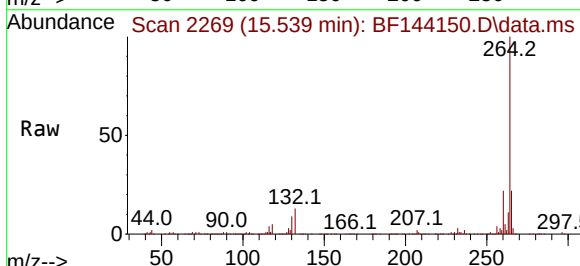
Tgt Ion:264 Resp: 218183

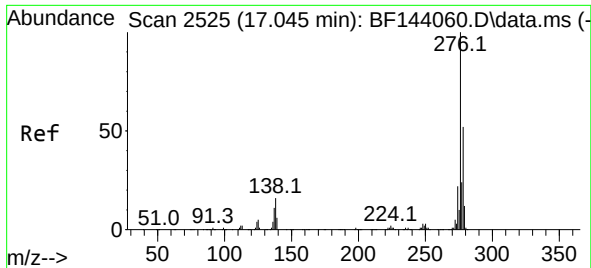
Ion Ratio Lower Upper

264 100

260 22.1 17.0 25.4

265 22.4 16.6 24.8

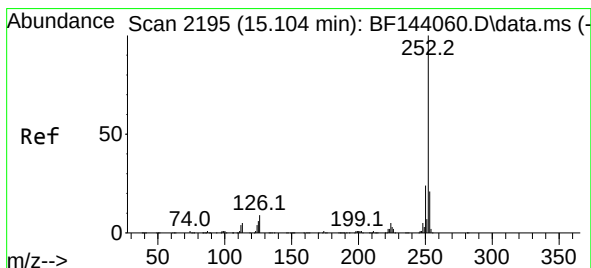
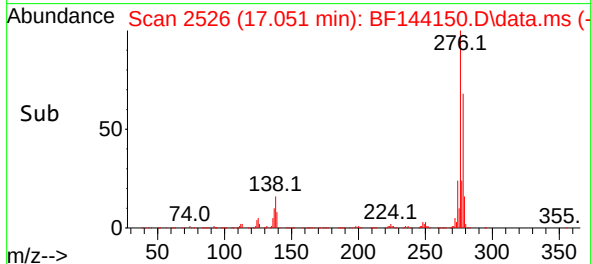
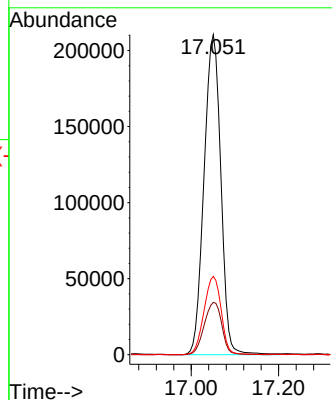
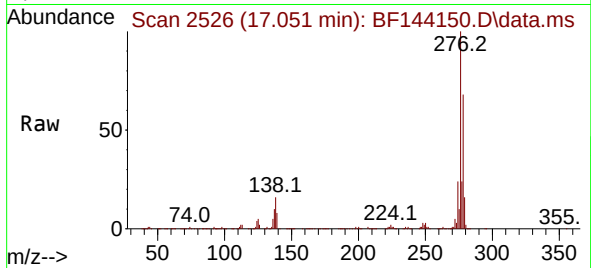




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.617 ng
 RT: 17.051 min Scan# 2196
 Delta R.T. 0.006 min
 Lab File: BF144150.D
 Acq: 30 Oct 2025 20:05

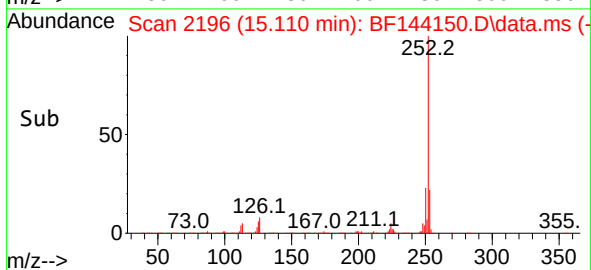
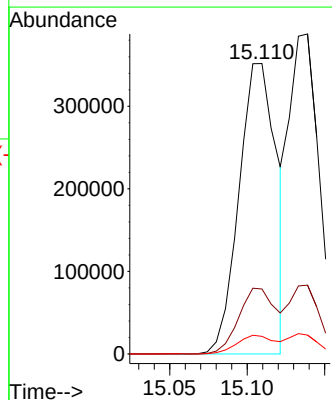
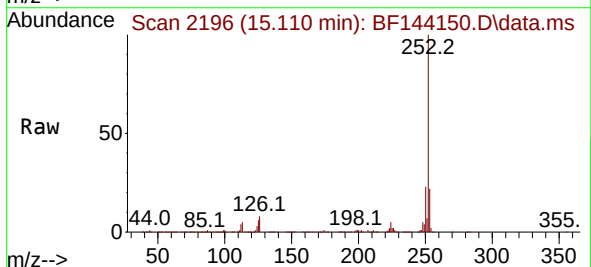
Instrument :
 BNA_F
 ClientSampleId :
 TP5MSD

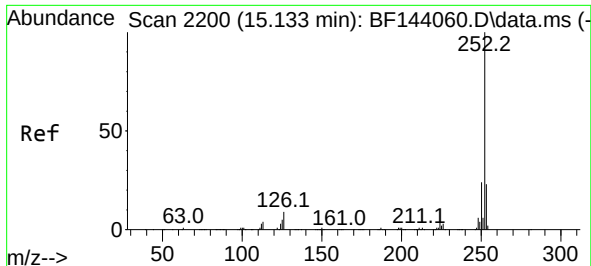
Tgt Ion:276 Resp: 563485
 Ion Ratio Lower Upper
 276 100
 138 17.1 13.0 19.6
 277 25.0 19.4 29.0



#88
 Benzo(b)fluoranthene
 Concen: 47.932 ng
 RT: 15.110 min Scan# 2196
 Delta R.T. 0.006 min
 Lab File: BF144150.D
 Acq: 30 Oct 2025 20:05

Tgt Ion:252 Resp: 591218
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.2 25.8
 125 6.1 5.0 7.6

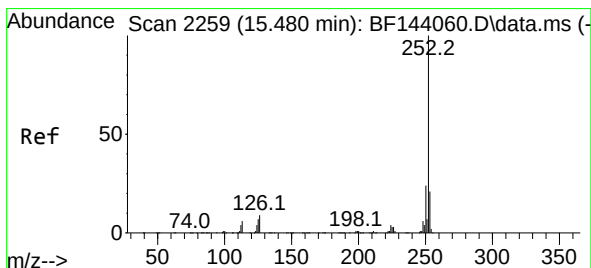
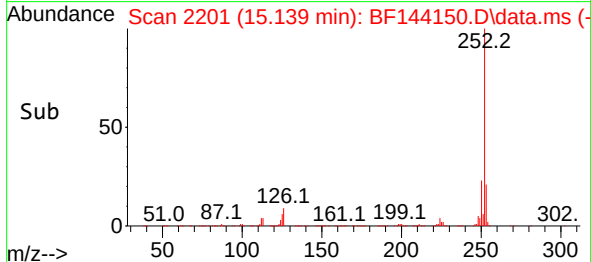
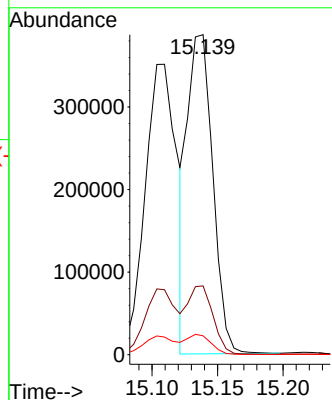
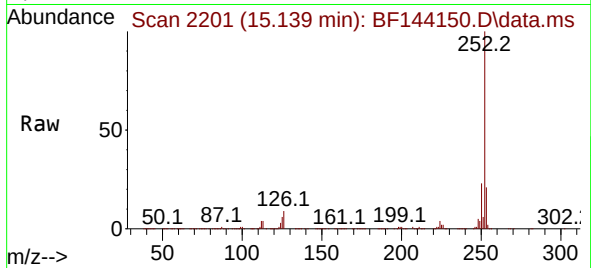




#89
Benzo(k)fluoranthene
Concen: 45.725 ng
RT: 15.139 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

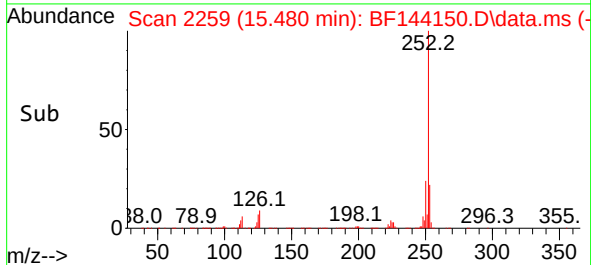
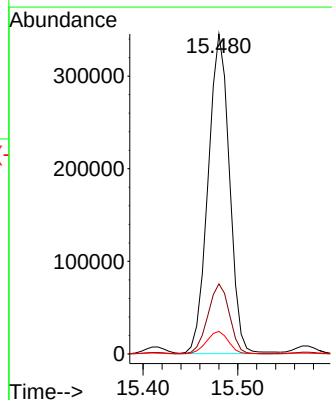
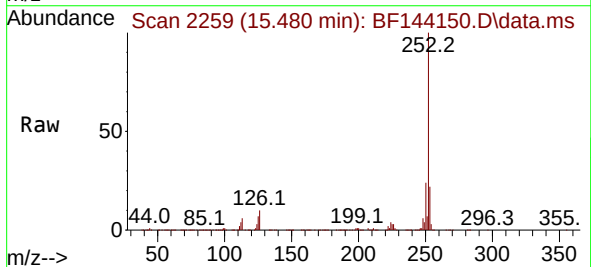
Instrument :
BNA_F
ClientSampleId :
TP5MSD

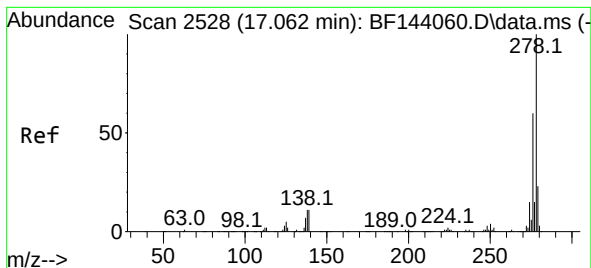
Tgt Ion:252 Resp: 520361
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 5.9 4.9 7.3



#90
Benzo(a)pyrene
Concen: 48.941 ng
RT: 15.480 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BF144150.D
Acq: 30 Oct 2025 20:05

Tgt Ion:252 Resp: 541573
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 7.1 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 38.384 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

Instrument :

BNA_F

ClientSampleId :

TP5MSD

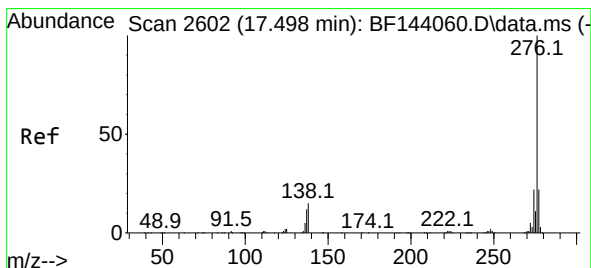
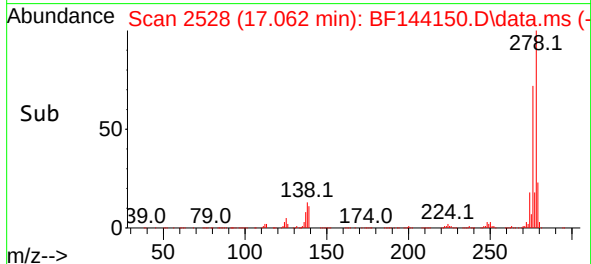
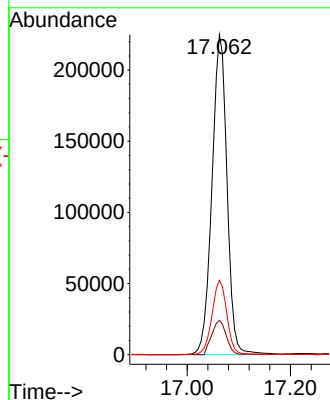
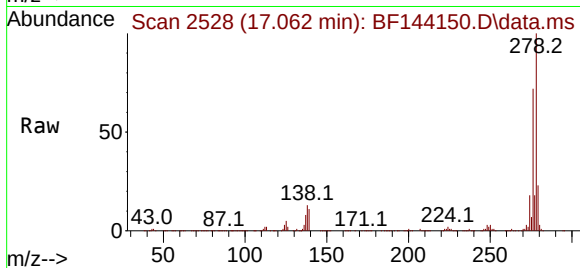
Tgt Ion:278 Resp: 455127

Ion Ratio Lower Upper

278 100

139 10.7 8.5 12.7

279 23.3 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 35.055 ng

RT: 17.503 min Scan# 2603

Delta R.T. 0.006 min

Lab File: BF144150.D

Acq: 30 Oct 2025 20:05

Tgt Ion:276 Resp: 417905

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 14.9 12.0 18.0

