

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112125\
 Data File : BF144312.D
 Acq On : 21 Nov 2025 17:20
 Operator : RC/JU
 Sample : Q3699-03MSD 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-112025MSD

Quant Time: Nov 21 17:55:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	52096	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	188487	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	99312	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	175705	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	149533	20.000	ng	0.00
86) Perylene-d12	15.527	264	127773	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	184951	55.556	ng	0.00
7) Phenol-d6	6.498	99	205798	54.558	ng	0.00
23) Nitrobenzene-d5	7.422	82	118932	36.442	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	64544	51.791	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	255036	37.928	ng	0.00
79) Terphenyl-d14	12.980	244	296100	31.453	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	34008	24.709	ng	98
3) Pyridine	3.416	79	85863	22.361	ng	98
4) n-Nitrosodimethylamine	3.351	42	48669	24.265	ng	89
6) Aniline	6.528	93	66847	12.438	ng	96
8) 2-Chlorophenol	6.651	128	79987	24.500	ng	98
9) Benzaldehyde	6.416	77	41194	19.340	ng	95
10) Phenol	6.510	94	110559	23.989	ng	94
11) bis(2-Chloroethyl)ether	6.598	93	83940	24.995	ng	99
12) 1,3-Dichlorobenzene	6.804	146	99146	24.610	ng	98
13) 1,4-Dichlorobenzene	6.881	146	102393	25.369	ng	98
14) 1,2-Dichlorobenzene	7.034	146	97101	25.100	ng	99
15) Benzyl Alcohol	7.004	79	72035	24.117	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	150064	24.266	ng	94
17) 2-Methylphenol	7.116	107	62507	24.066	ng	95
18) Hexachloroethane	7.375	117	30276	22.579	ng	98
19) n-Nitroso-di-n-propyla...	7.269	70	59192	23.837	ng	99
20) 3+4-Methylphenols	7.269	107	77364	25.268	ng	# 86
22) Acetophenone	7.269	105	109840	27.165	ng	97
24) Nitrobenzene	7.445	77	86245	24.339	ng	97
25) Isophorone	7.681	82	151427	24.530	ng	99
26) 2-Nitrophenol	7.763	139	42932	24.476	ng	95
27) 2,4-Dimethylphenol	7.798	122	73627	28.005	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	97752	25.358	ng	97
29) 2,4-Dichlorophenol	8.004	162	72130	23.804	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	78220	25.139	ng	97
31) Naphthalene	8.169	128	224243	25.010	ng	98
32) Benzoic acid	7.898	122	41832	21.707	ng	95
33) 4-Chloroaniline	8.216	127	39528	12.088	ng	97
34) Hexachlorobutadiene	8.281	225	54316	23.162	ng	100
35) Caprolactam	8.569	113	21659	26.090	ng	91
36) 4-Chloro-3-methylphenol	8.698	107	62667	23.076	ng	100
37) 2-Methylnaphthalene	8.857	142	136272	22.732	ng	99
38) 1-Methylnaphthalene	8.957	142	131703	22.769	ng	96
40) 1,2,4,5-Tetrachloroben...	9.028	216	80346	24.686	ng	100
41) Hexachlorocyclopentadiene	9.010	237	18574	22.620	ng	95
43) 2,4,6-Trichlorophenol	9.139	196	53337	24.077	ng	98

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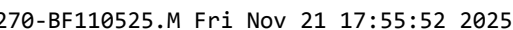
Instrument :
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 TR-06-112025MSD

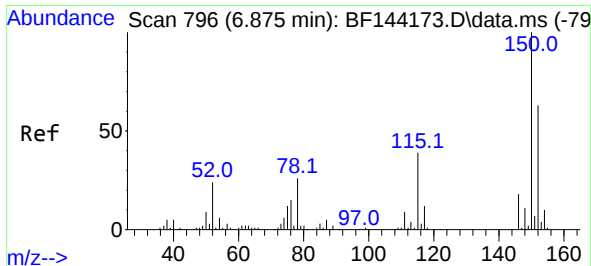
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	56587	23.701	ng	98
46) 1,1'-Biphenyl	9.322	154	176666	25.485	ng	98
47) 2-Chloronaphthalene	9.345	162	146792	24.824	ng	98
48) 2-Nitroaniline	9.445	65	42562	24.946	ng	92
49) Acenaphthylene	9.763	152	230039	28.547	ng	99
50) Dimethylphthalate	9.622	163	172551	26.227	ng	99
51) 2,6-Dinitrotoluene	9.686	165	34548	25.940	ng	95
52) Acenaphthene	9.933	154	125880	23.360	ng	98
53) 3-Nitroaniline	9.857	138	28348	19.471	ng	94
54) 2,4-Dinitrophenol	9.975	184	7458	9.273	ng	94
55) Dibenzofuran	10.110	168	189196	25.069	ng	98
56) 4-Nitrophenol	10.028	139	50470	47.923	ng	91
57) 2,4-Dinitrotoluene	10.092	165	47194	26.470	ng	98
58) Fluorene	10.451	166	151053	26.325	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	42843	25.363	ng	99
60) Diethylphthalate	10.322	149	157987	26.049	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	80823	24.728	ng	98
62) 4-Nitroaniline	10.469	138	32709	23.591	ng	92
63) Azobenzene	10.604	77	158594	28.097	ng	91
65) 4,6-Dinitro-2-methylph...	10.504	198	9180	7.691	ng	95
66) n-Nitrosodiphenylamine	10.563	169	143124	25.327	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	51614	23.014	ng	97
68) Hexachlorobenzene	11.004	284	61038	23.106	ng	100
69) Atrazine	11.086	200	49091	27.315	ng	98
70) Pentachlorophenol	11.204	266	63932	48.602	ng	99
71) Phenanthrene	11.416	178	251025	28.695	ng	100
72) Anthracene	11.469	178	239840	26.962	ng	100
73) Carbazole	11.627	167	214056	28.299	ng	99
74) Di-n-butylphthalate	11.951	149	257793	28.193	ng	99
75) Fluoranthene	12.610	202	335091	37.081	ng	99
77) Benzidine	12.733	184	107262	24.251	ng	99
78) Pyrene	12.845	202	331610	27.504	ng	99
80) Butylbenzylphthalate	13.457	149	111703	26.731	ng	96
81) Benzo(a)anthracene	14.033	228	303520	29.287	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	67341	18.956	ng	93
83) Chrysene	14.068	228	273432	28.580	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	152989	26.744	ng	98
85) Di-n-octyl phthalate	14.627	149	256887	26.028	ng	98
87) Indeno(1,2,3-cd)pyrene	17.027	276	179596	19.581	ng	97
88) Benzo(b)fluoranthene	15.092	252	245514	33.798	ng	98
89) Benzo(k)fluoranthene	15.121	252	216282	31.810	ng	97
90) Benzo(a)pyrene	15.462	252	199300	29.740	ng	96
91) Dibenzo(a,h)anthracene	17.039	278	136924	18.588	ng	97
92) Benzo(g,h,i)perylene	17.480	276	143512	19.729	ng	99

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

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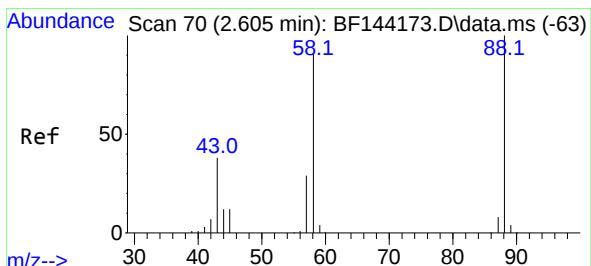
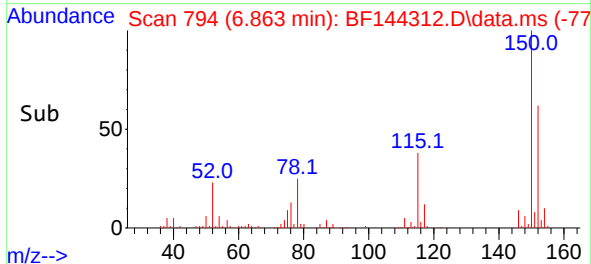
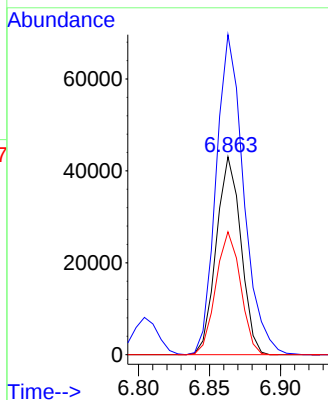
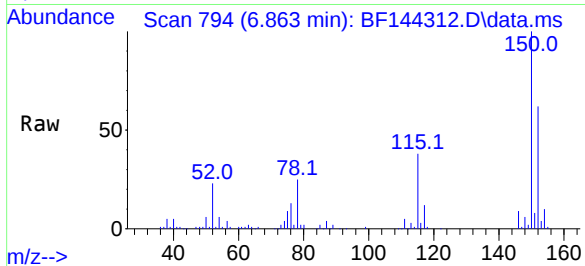




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF144312.D
 Acq: 21 Nov 2025 17:20

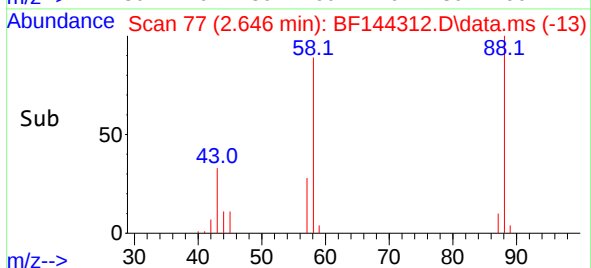
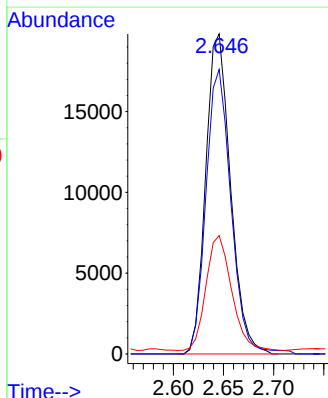
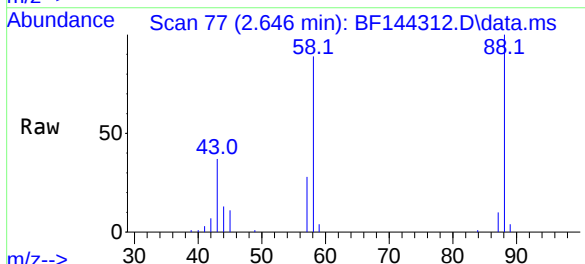
Instrument :
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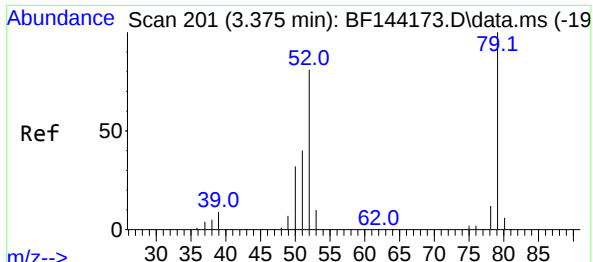
Tgt Ion:152 Resp: 52096
 Ion Ratio Lower Upper
 152 100
 150 161.7 127.4 191.0
 115 62.1 49.5 74.3



#2
 1,4-Dioxane
 Concen: 24.709 ng
 RT: 2.646 min Scan# 77
 Delta R.T. 0.029 min
 Lab File: BF144312.D
 Acq: 21 Nov 2025 17:20

Tgt Ion: 88 Resp: 34008
 Ion Ratio Lower Upper
 88 100
 58 90.1 73.1 109.7
 43 37.0 31.0 46.6



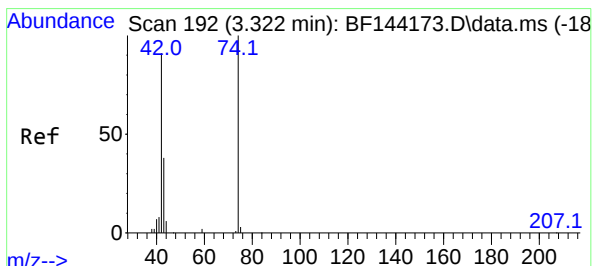
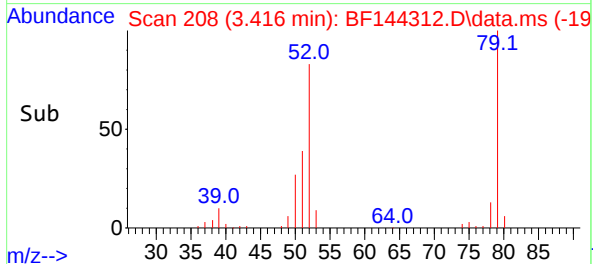
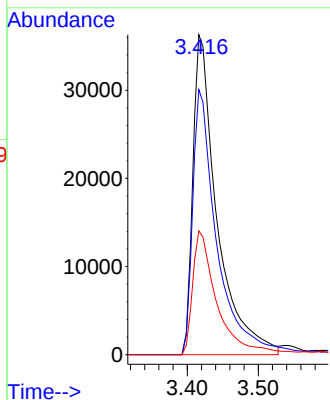
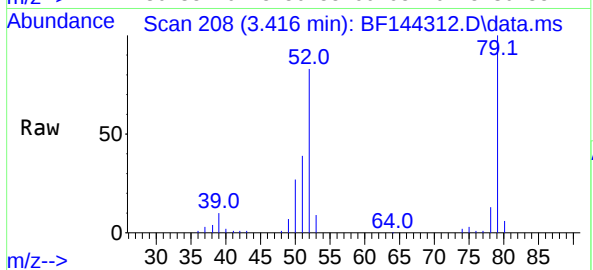


#3
Pyridine
Concen: 22.361 ng
RT: 3.416 min Scan# 201
Delta R.T. 0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

Tgt Ion: 79 Resp: 85863

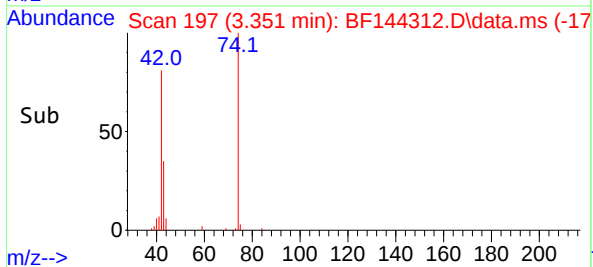
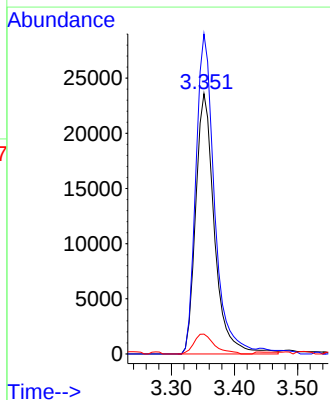
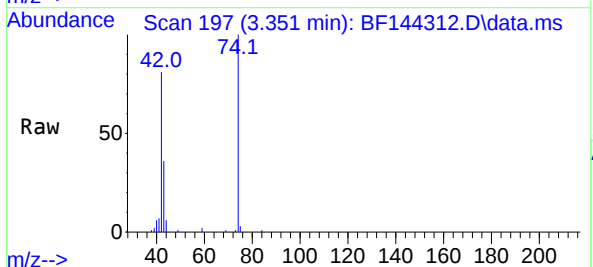
Ion	Ratio	Lower	Upper
79	100		
52	82.8	64.5	96.7
51	38.7	31.7	47.5

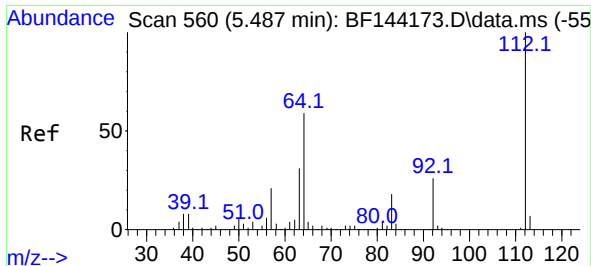


#4
n-Nitrosodimethylamine
Concen: 24.265 ng
RT: 3.351 min Scan# 197
Delta R.T. 0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion: 42 Resp: 48669

Ion	Ratio	Lower	Upper
42	100		
74	122.9	88.2	132.4
44	7.6	5.7	8.5

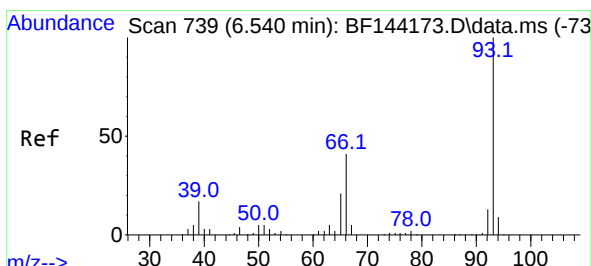
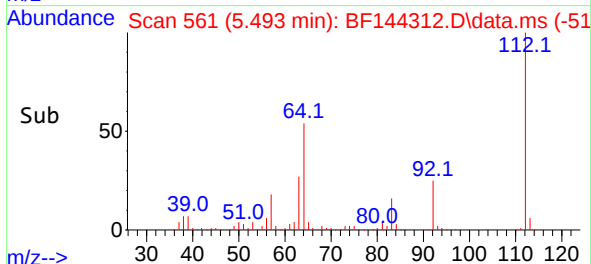
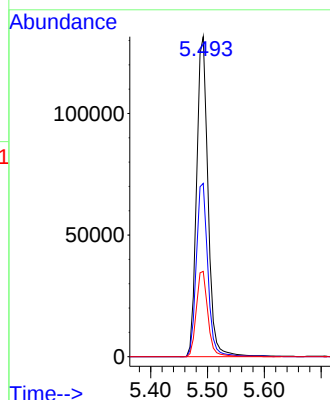
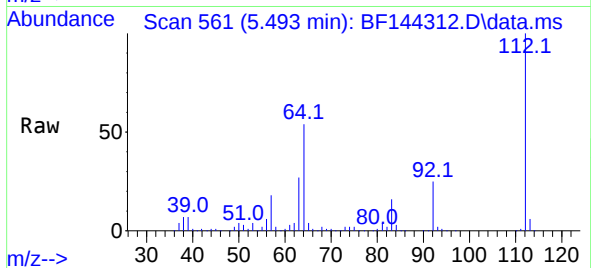




#5
2-Fluorophenol
Concen: 55.556 ng
RT: 5.493 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

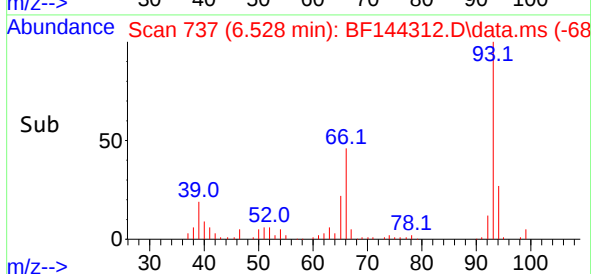
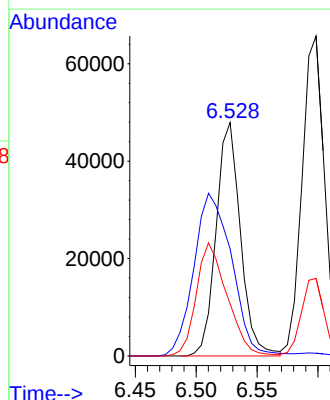
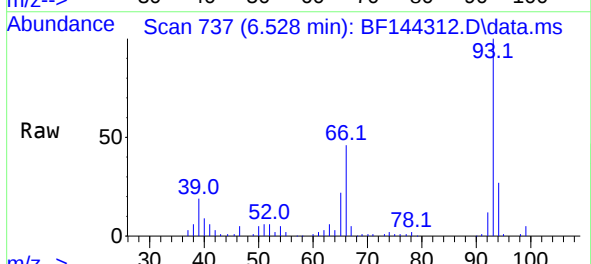
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ClientSampleId :
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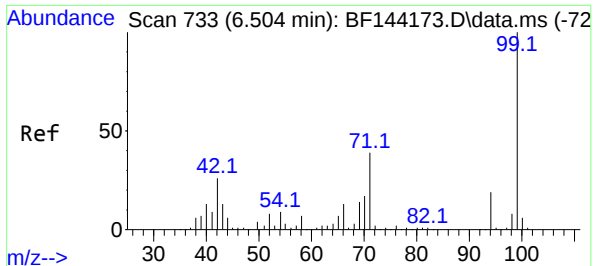
Tgt Ion:112 Resp: 184951
Ion Ratio Lower Upper
112 100
64 54.2 47.2 70.8
63 26.7 24.4 36.6



#6
Aniline
Concen: 12.438 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion: 93 Resp: 66847
Ion Ratio Lower Upper
93 100
66 45.9 34.3 51.5
65 22.3 16.9 25.3

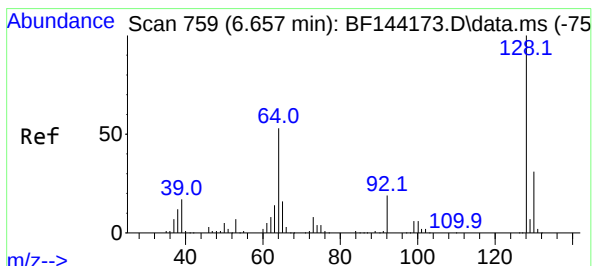
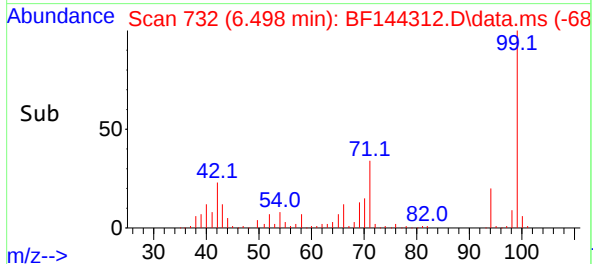
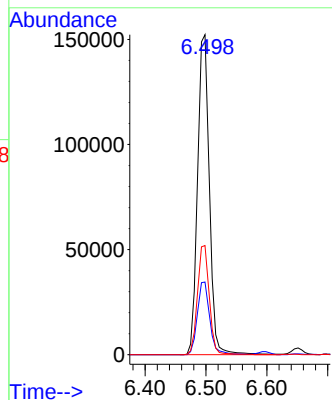
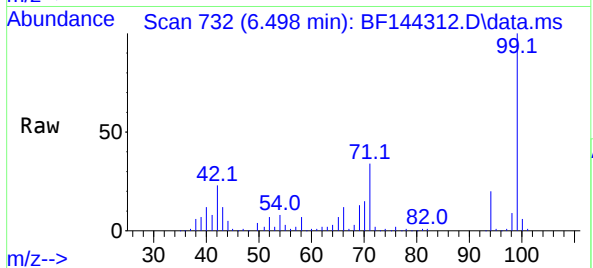




#7
Phenol-d6
Concen: 54.558 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

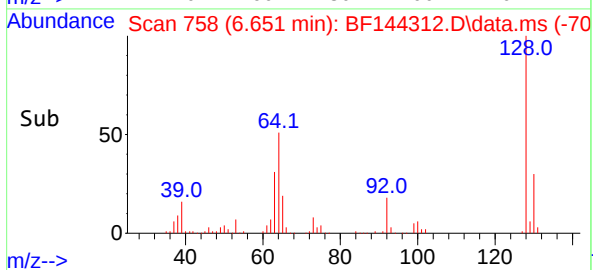
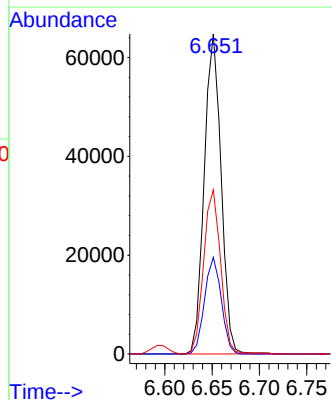
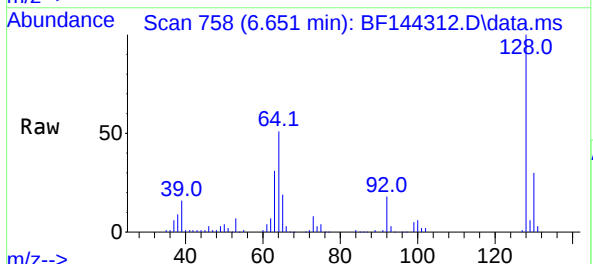
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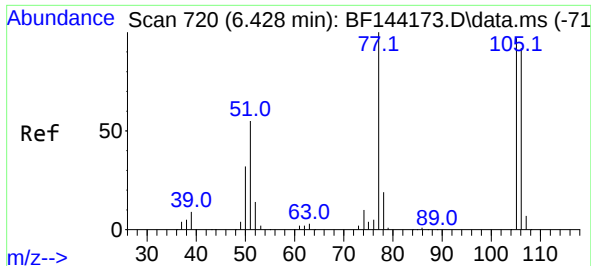
Tgt Ion: 99 Resp: 205798
Ion Ratio Lower Upper
99 100
42 22.7 20.9 31.3
71 34.1 31.4 47.2



#8
2-Chlorophenol
Concen: 24.500 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion: 128 Resp: 79987
Ion Ratio Lower Upper
128 100
130 30.2 10.5 50.5
64 51.3 33.2 73.2

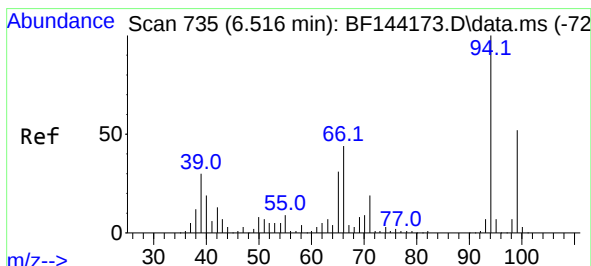
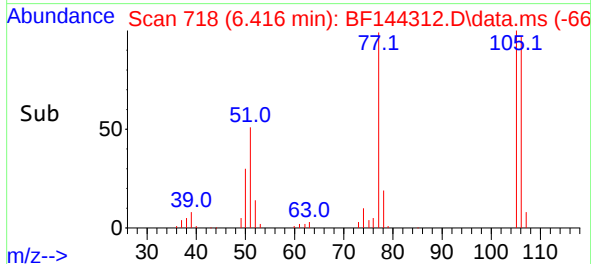
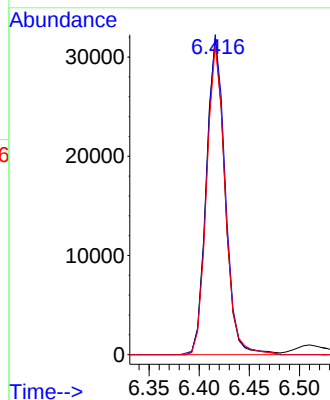
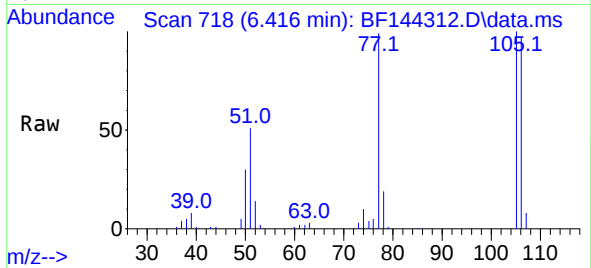




#9
Benzaldehyde
Concen: 19.340 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

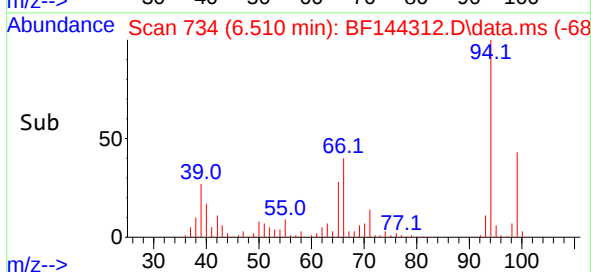
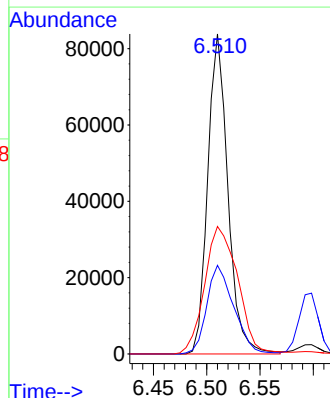
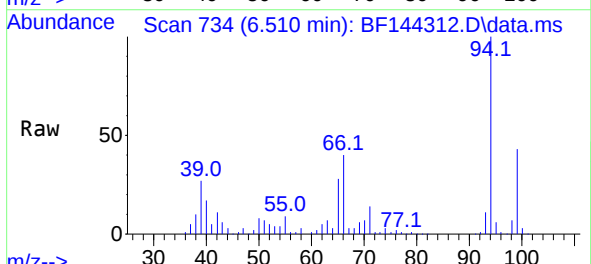
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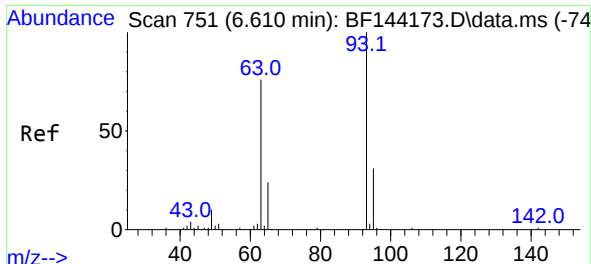
Tgt Ion: 77 Resp: 41194
Ion Ratio Lower Upper
77 100
105 101.1 77.2 117.2
106 97.7 72.2 112.2



#10
Phenol
Concen: 23.989 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.000 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion: 94 Resp: 110559
Ion Ratio Lower Upper
94 100
65 27.7 10.8 50.8
66 39.8 24.3 64.3





#11

bis(2-Chloroethyl)ether

Concen: 24.995 ng

RT: 6.598 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF144312.D

Acq: 21 Nov 2025 17:20

Instrument :

BNA_F

ClientSampleId :

TR-06-112025MSD

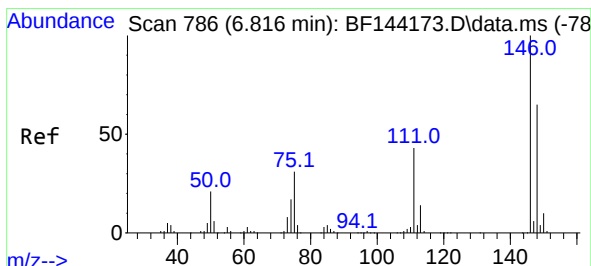
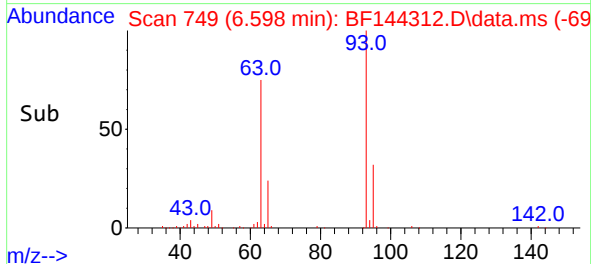
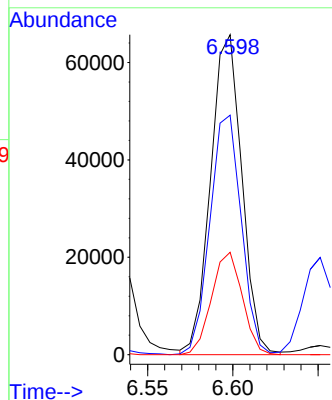
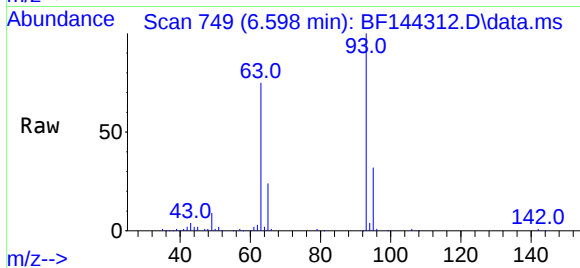
Tgt Ion: 93 Resp: 83940

Ion Ratio Lower Upper

93 100

63 74.9 55.2 95.2

95 32.0 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 24.610 ng

RT: 6.804 min Scan# 784

Delta R.T. -0.012 min

Lab File: BF144312.D

Acq: 21 Nov 2025 17:20

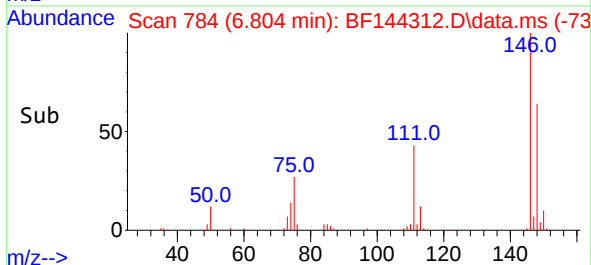
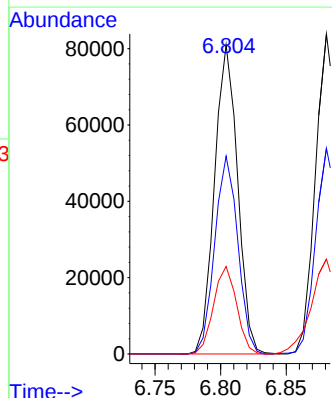
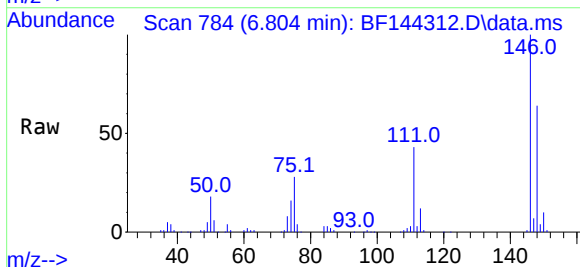
Tgt Ion:146 Resp: 99146

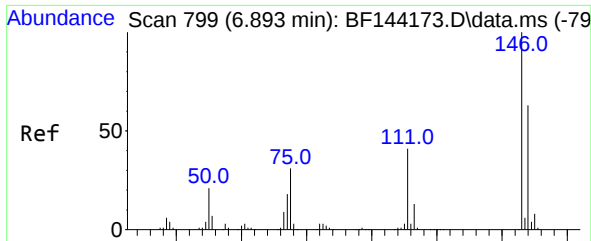
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

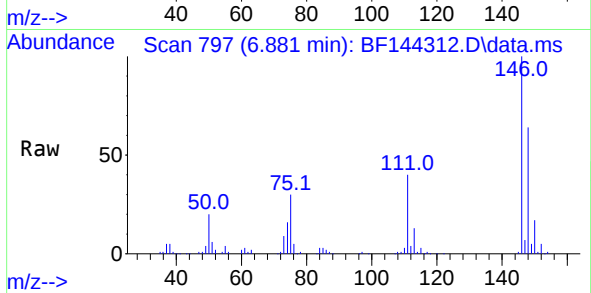
75 28.3 25.0 37.4



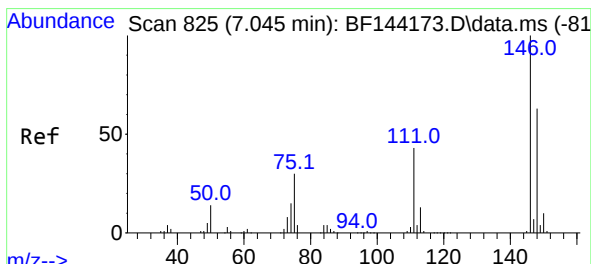
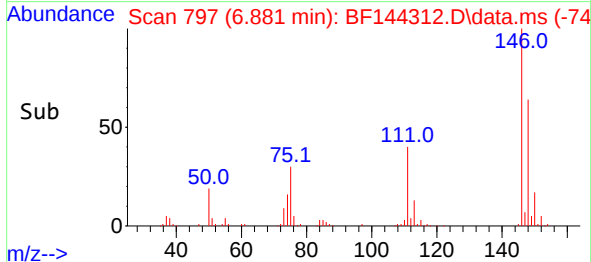
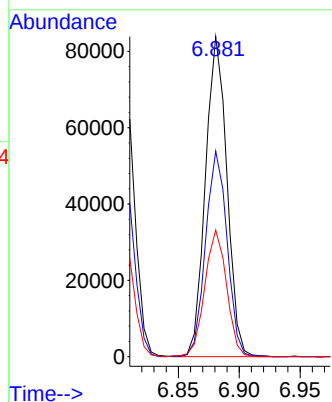


#13
1,4-Dichlorobenzene
Concen: 25.369 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

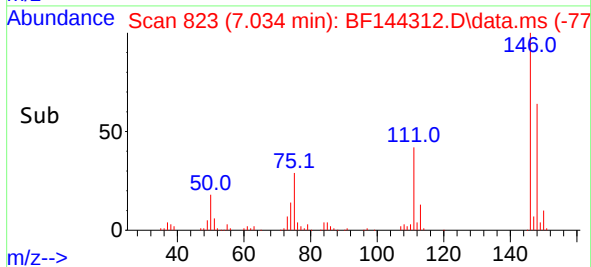
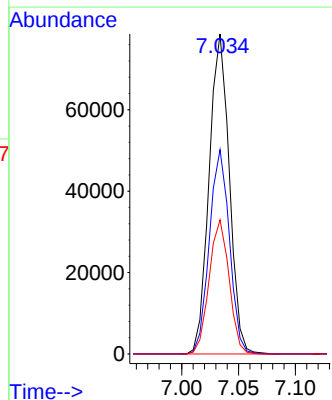
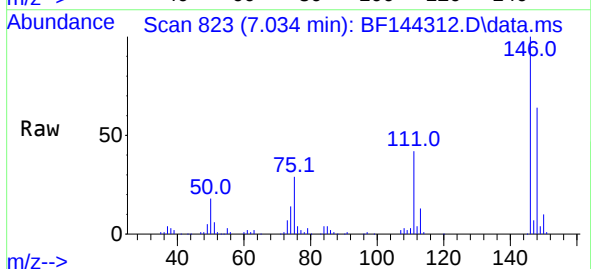


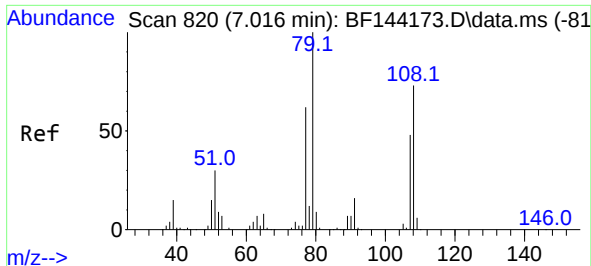
Tgt Ion:146 Resp: 102393
Ion Ratio Lower Upper
146 100
148 64.3 50.2 75.2
111 39.6 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 25.100 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion:146 Resp: 97101
Ion Ratio Lower Upper
146 100
148 63.9 50.7 76.1
111 41.9 34.2 51.4



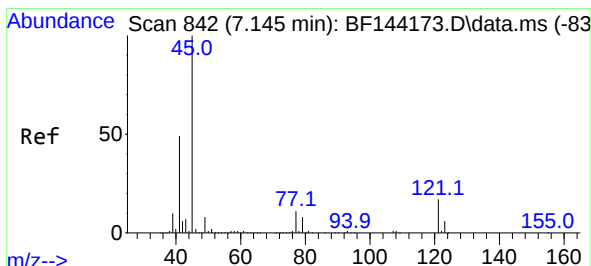
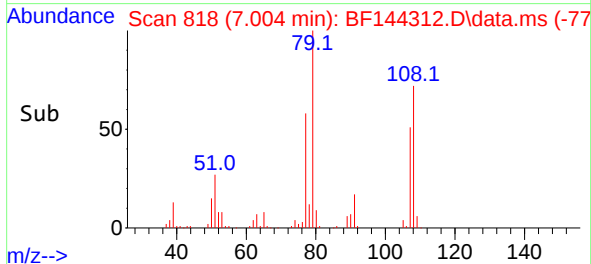
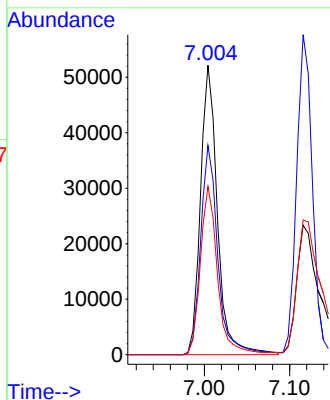
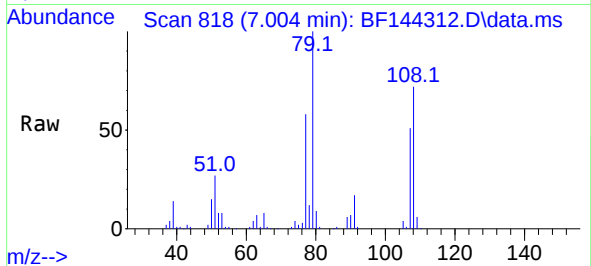


#15
Benzyl Alcohol
Concen: 24.117 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

Tgt Ion: 79 Resp: 72035

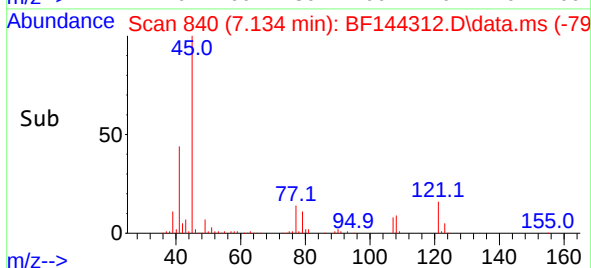
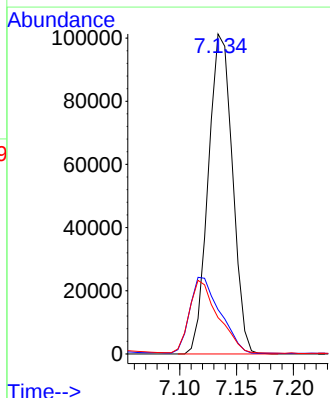
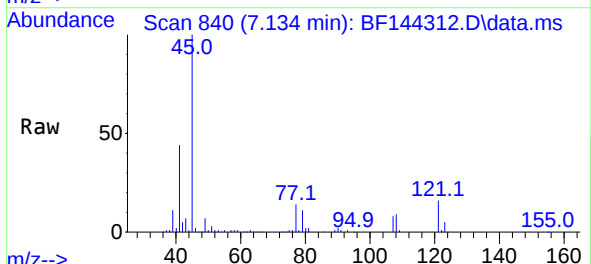
Ion	Ratio	Lower	Upper
79	100		
108	72.3	58.2	87.4
77	58.1	49.9	74.9

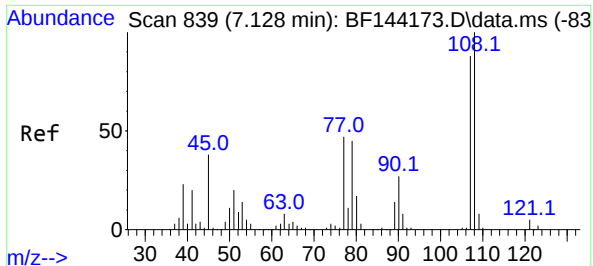


#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.266 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion: 45 Resp: 150064

Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	31.8
79	11.3	0.0	29.1



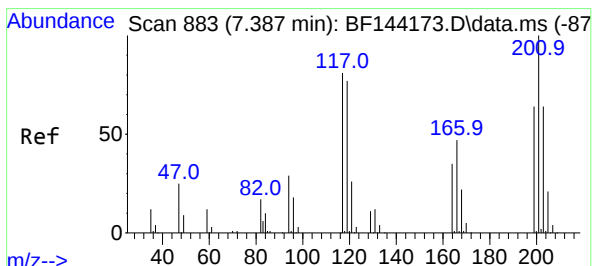
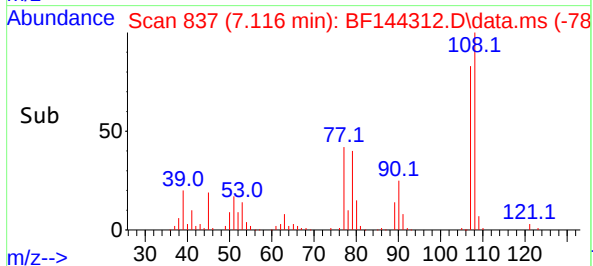
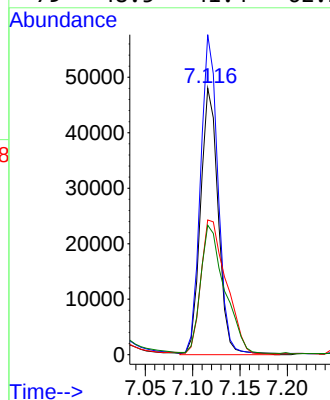
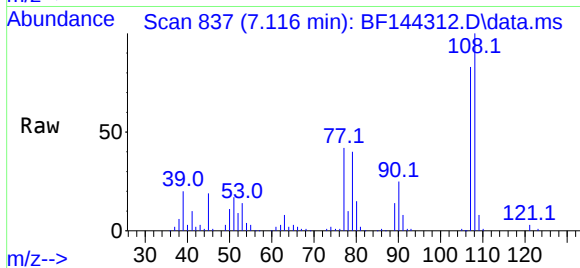


#17
2-Methylphenol
Concen: 24.066 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

Tgt Ion:107 Resp: 62507

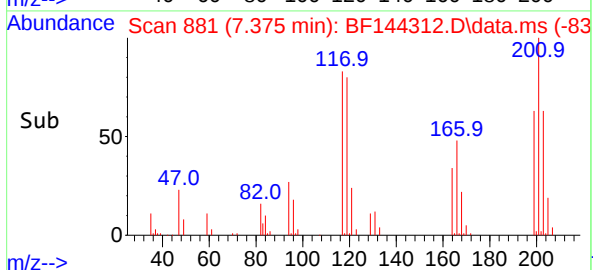
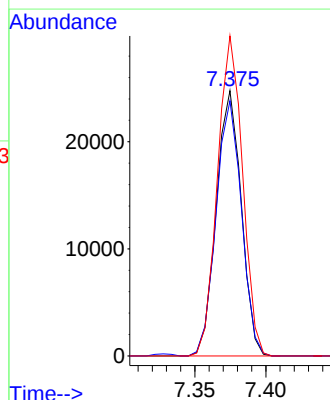
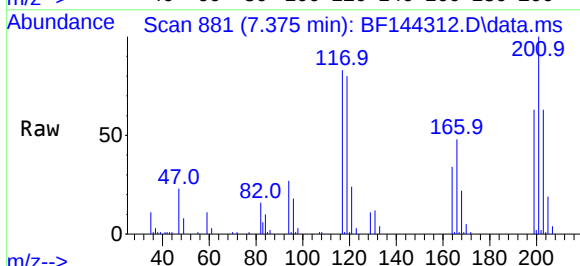
Ion	Ratio	Lower	Upper
107	100		
108	120.1	91.0	136.4
77	50.6	42.7	64.1
79	48.5	41.4	62.2



#18
Hexachloroethane
Concen: 22.579 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion:117 Resp: 30276

Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	120.6	98.9	148.3



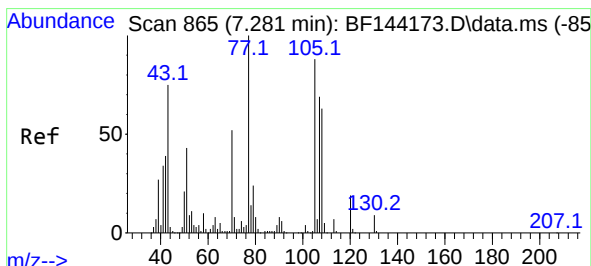
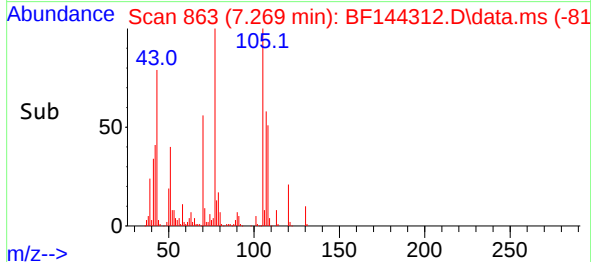
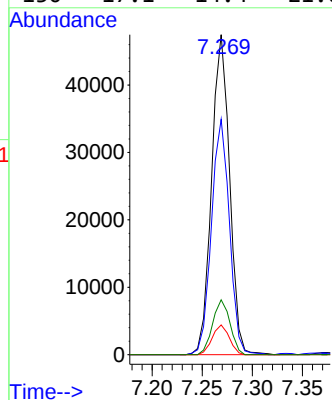
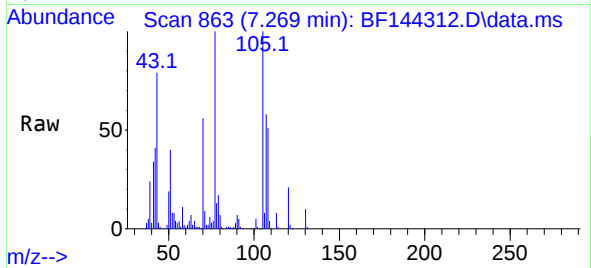


#19
n-Nitroso-di-n-propylamine
Concen: 23.837 ng
RT: 7.269 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

Tgt Ion: 70 Resp: 59192

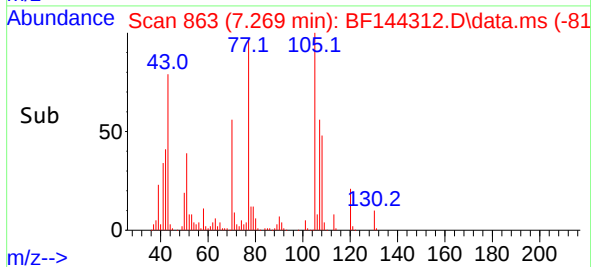
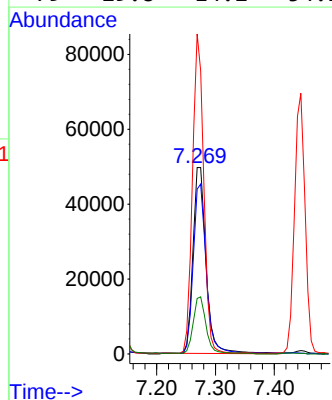
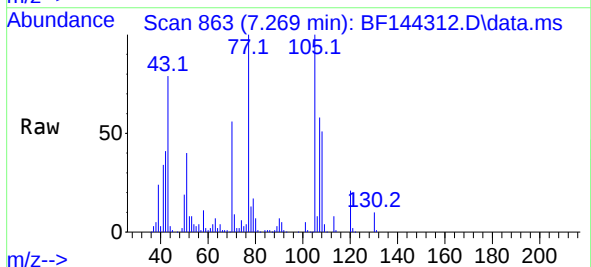
Ion	Ratio	Lower	Upper
70	100		
42	73.5	58.3	87.5
101	9.3	7.0	10.6
130	17.1	14.4	21.6

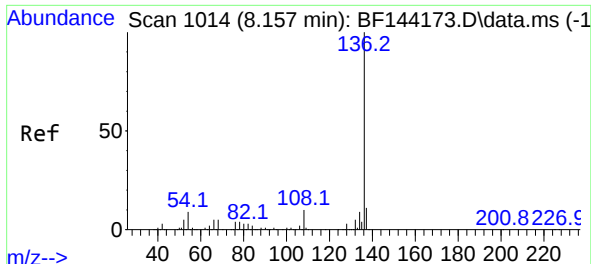


#20
3+4-Methylphenols
Concen: 25.268 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.018 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion: 107 Resp: 77364

Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.2	110.2
77	171.6	123.9	163.9#
79	29.8	14.2	54.2



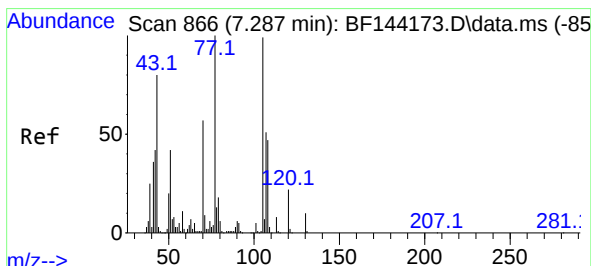
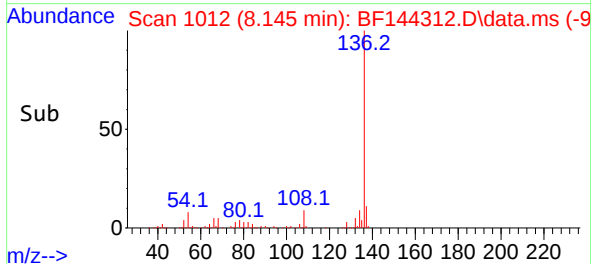
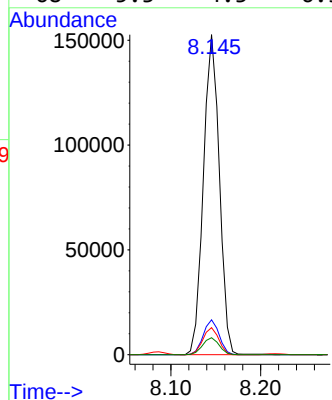
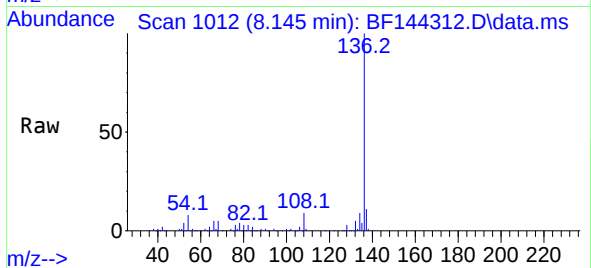


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

Tgt Ion:136 Resp: 188487

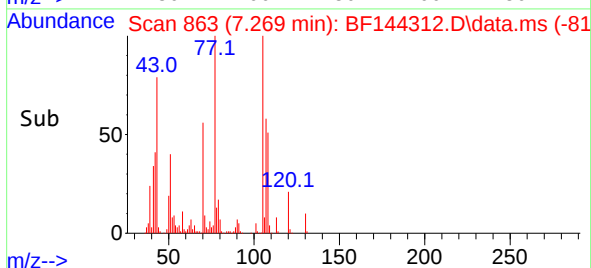
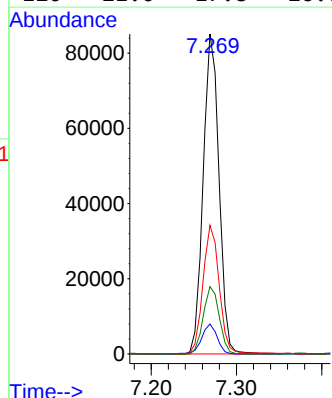
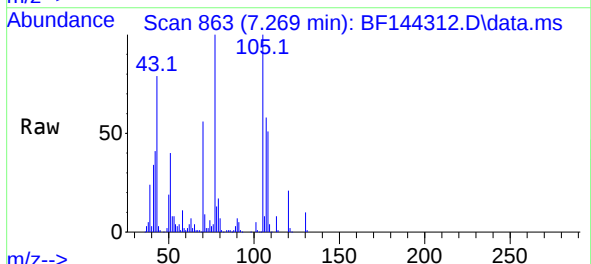
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.4	7.0	10.6
68	5.3	4.3	6.5

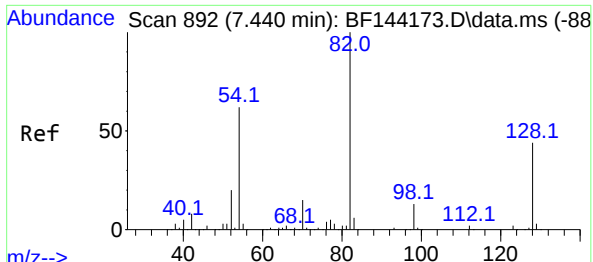


#22
Acetophenone
Concen: 27.165 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion:105 Resp: 109840

Ion	Ratio	Lower	Upper
105	100		
71	9.4	7.2	10.8
51	40.2	34.0	51.0
120	21.0	17.8	26.6





#23

Nitrobenzene-d5

Concen: 36.442 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144312.D

Acq: 21 Nov 2025 17:20

Instrument :

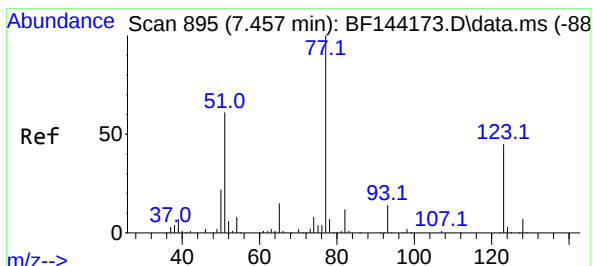
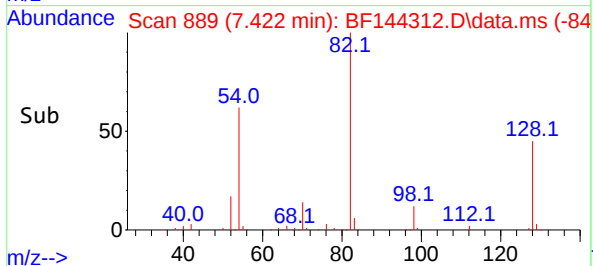
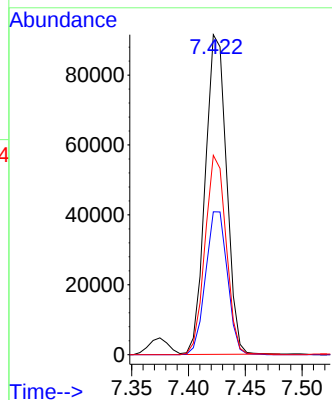
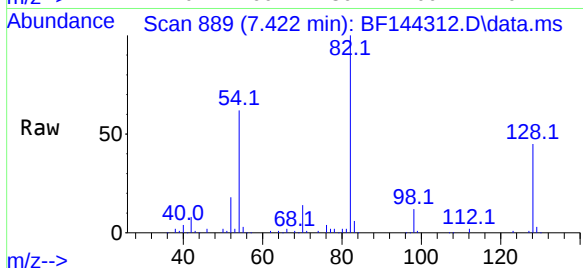
BNA_F

ClientSampleId :

TR-06-112025MSD

Tgt Ion: 82 Resp: 118932

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.7	52.1
54	62.3	49.5	74.3



#24

Nitrobenzene

Concen: 24.339 ng

RT: 7.445 min Scan# 893

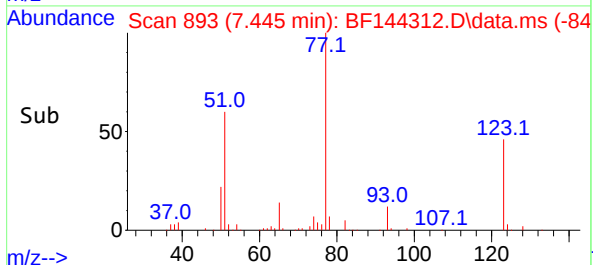
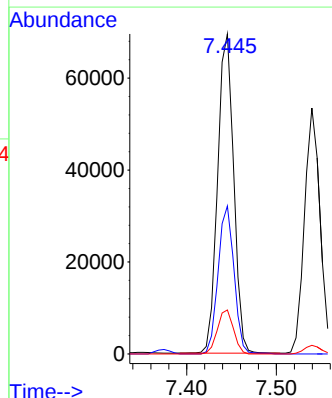
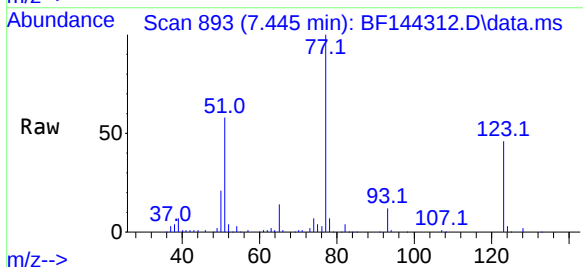
Delta R.T. -0.006 min

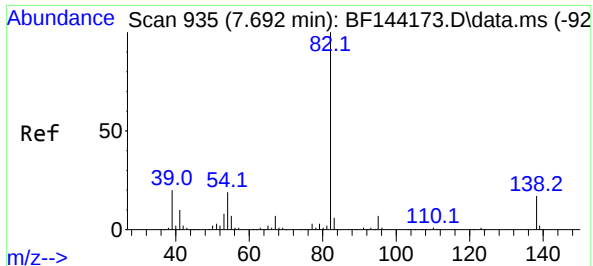
Lab File: BF144312.D

Acq: 21 Nov 2025 17:20

Tgt Ion: 77 Resp: 86245

Ion	Ratio	Lower	Upper
77	100		
123	46.3	35.8	53.8
65	13.7	12.2	18.2

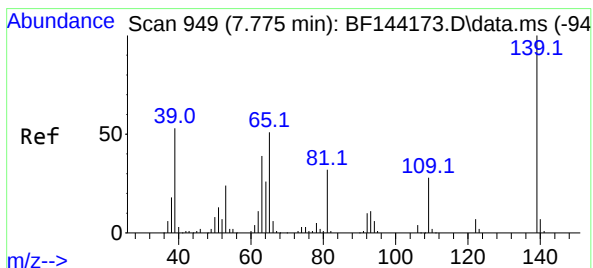
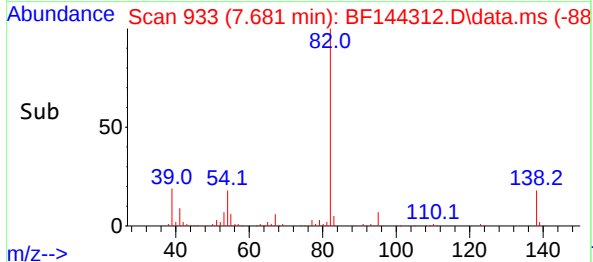
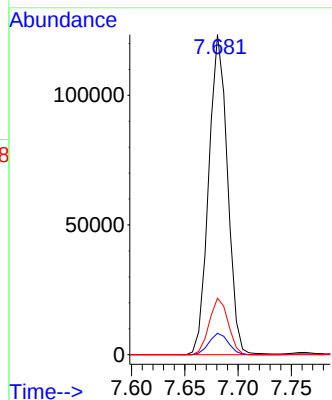
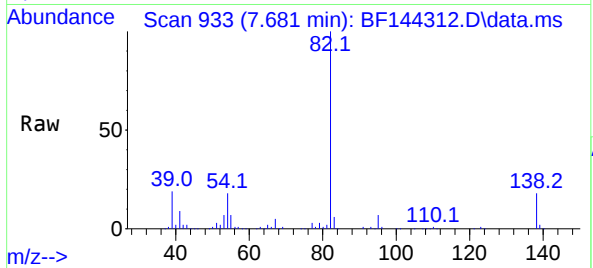




#25
Isophorone
Concen: 24.530 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

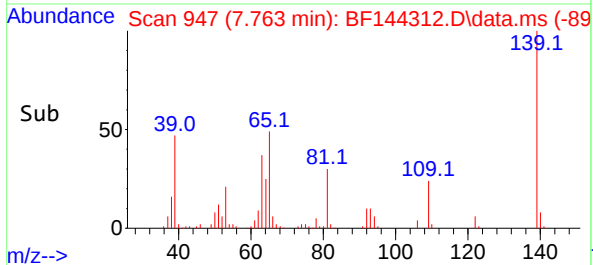
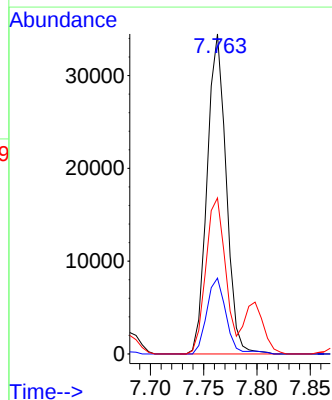
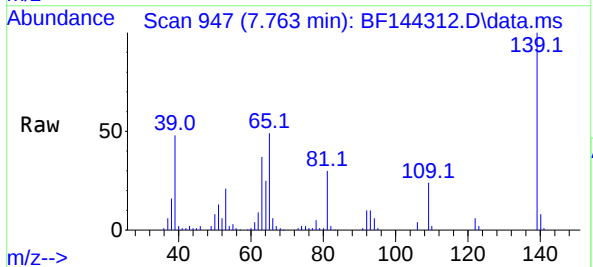
Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

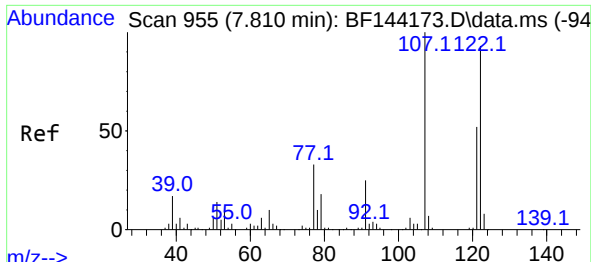
Tgt Ion: 82 Resp: 151427
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.6 13.7 20.5



#26
2-Nitrophenol
Concen: 24.476 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion:139 Resp: 42932
Ion Ratio Lower Upper
139 100
109 23.7 22.2 33.2
65 48.7 40.7 61.1



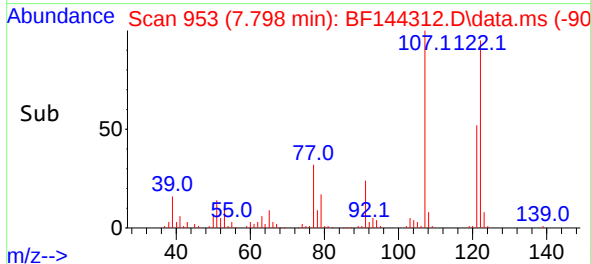
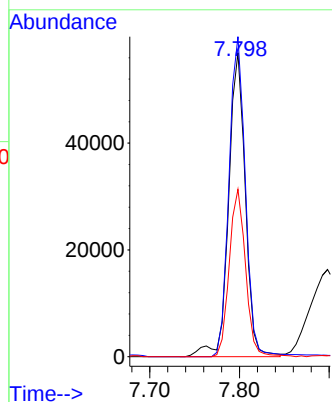
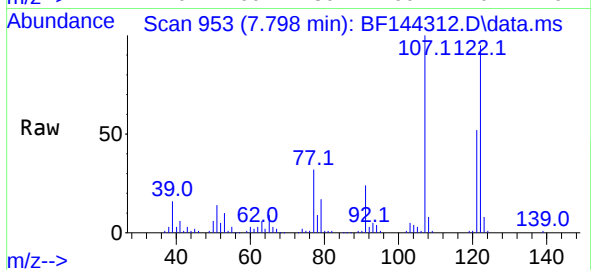


#27
2,4-Dimethylphenol
Concen: 28.005 ng
RT: 7.798 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

Tgt Ion:122 Resp: 73627

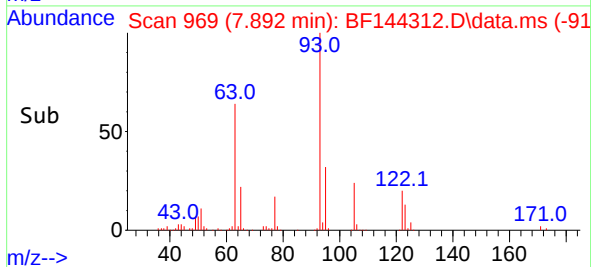
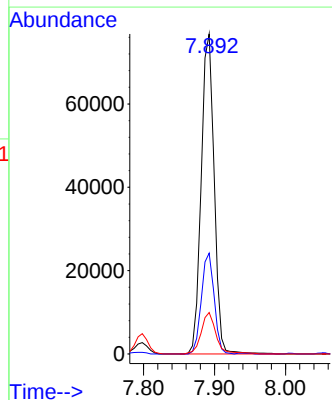
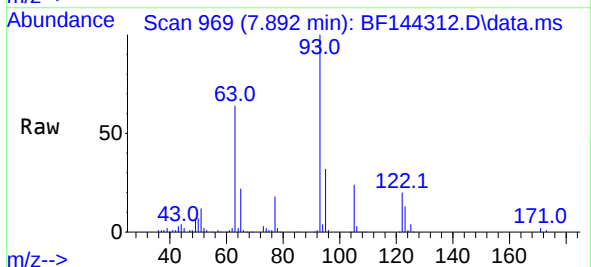
Ion	Ratio	Lower	Upper
122	100		
107	105.3	86.2	129.4
121	55.1	44.6	66.8

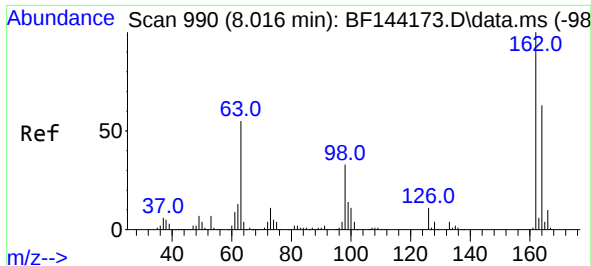


#28
bis(2-Chloroethoxy)methane
Concen: 25.358 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion: 93 Resp: 97752

Ion	Ratio	Lower	Upper
93	100		
95	31.5	24.2	36.4
123	12.9	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 23.804 ng

RT: 8.004 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144312.D

Acq: 21 Nov 2025 17:20

Instrument :

BNA_F

ClientSampleId :

TR-06-112025MSD

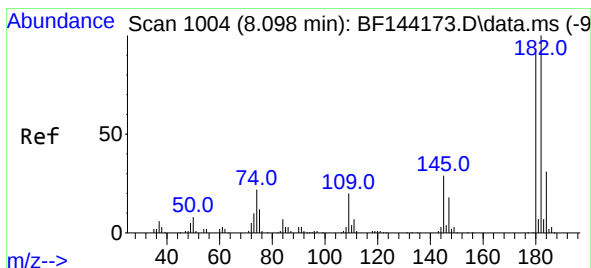
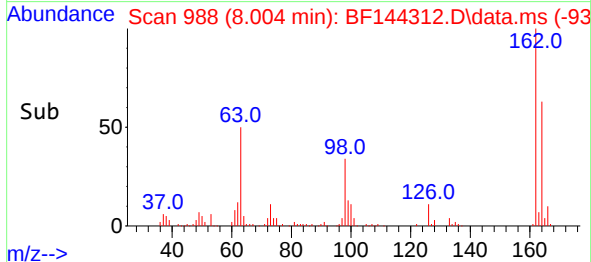
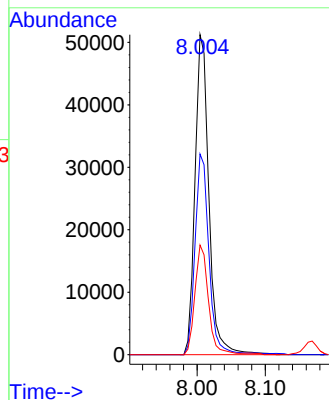
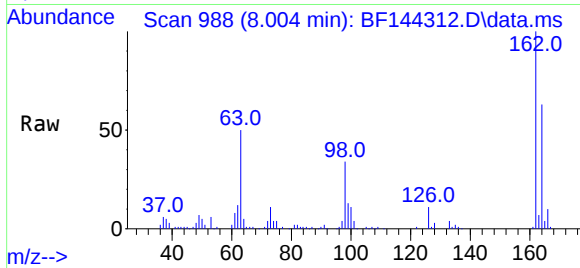
Tgt Ion:162 Resp: 72130

Ion Ratio Lower Upper

162 100

164 62.7 42.9 82.9

98 34.2 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 25.139 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144312.D

Acq: 21 Nov 2025 17:20

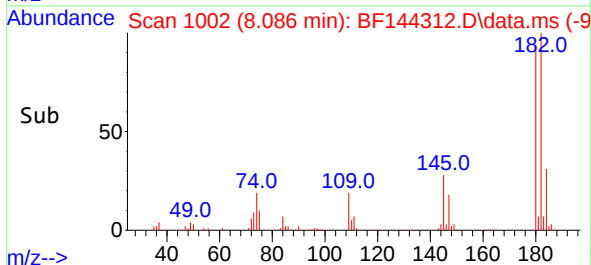
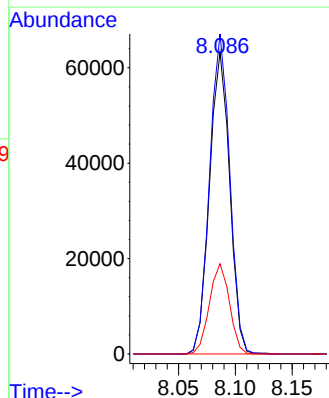
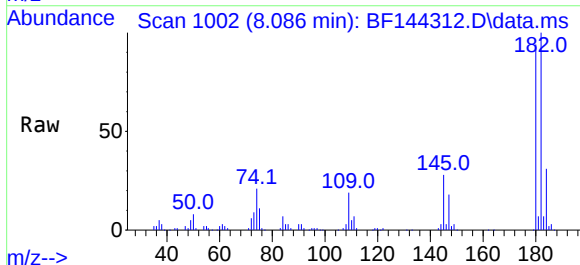
Tgt Ion:180 Resp: 78220

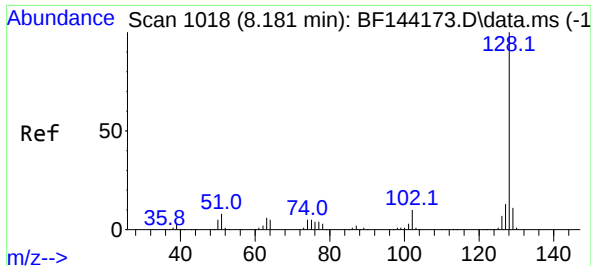
Ion Ratio Lower Upper

180 100

182 106.0 87.7 131.5

145 29.9 25.4 38.0

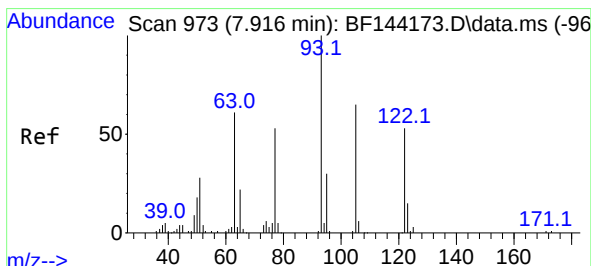
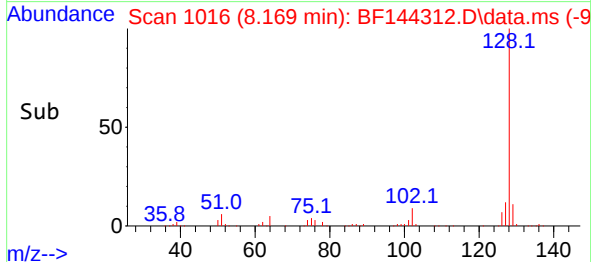
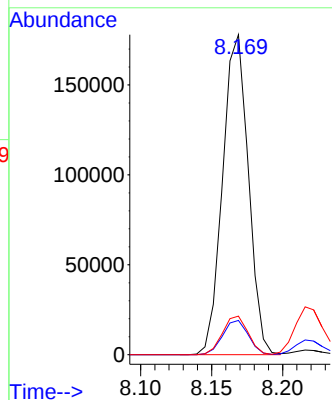
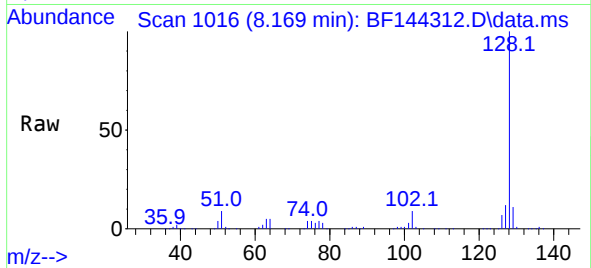




#31
Naphthalene
Concen: 25.010 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

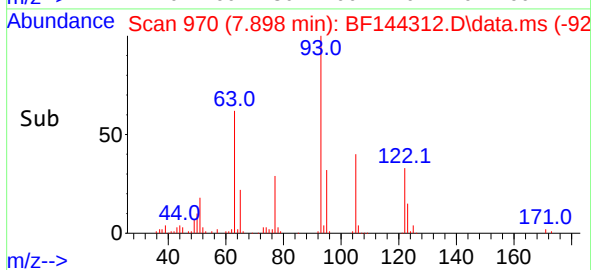
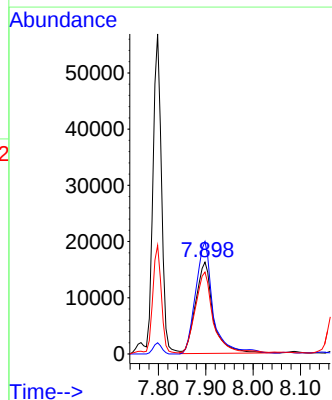
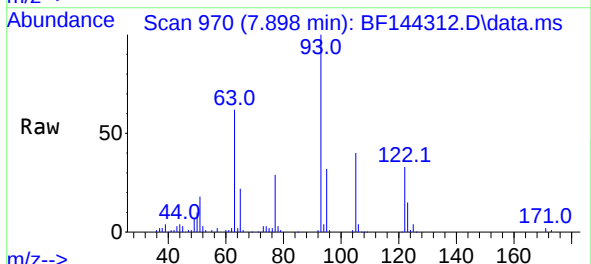
Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

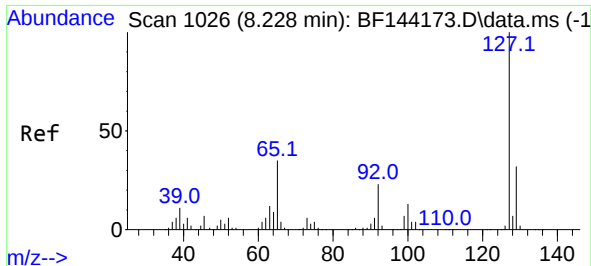
Tgt Ion:128 Resp: 224243
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.0 10.3 15.5



#32
Benzoic acid
Concen: 21.707 ng
RT: 7.898 min Scan# 970
Delta R.T. -0.053 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion:122 Resp: 41832
Ion Ratio Lower Upper
122 100
105 122.6 99.9 139.9
77 89.3 77.5 117.5





#33

4-Chloroaniline

Concen: 12.088 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.012 min

Lab File: BF144312.D

Acq: 21 Nov 2025 17:20

Instrument :

BNA_F

ClientSampleId :

TR-06-112025MSD

Tgt Ion:127 Resp: 39528

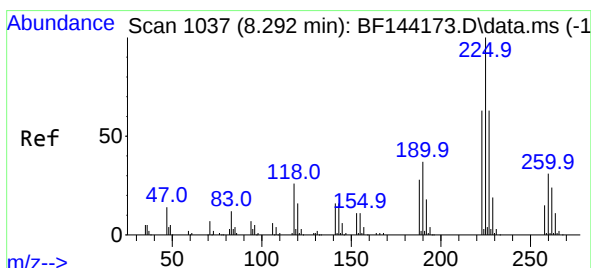
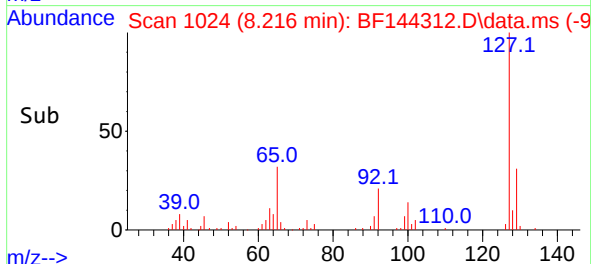
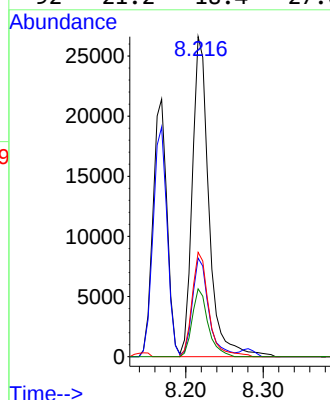
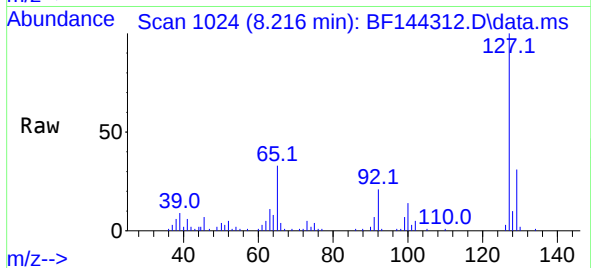
Ion Ratio Lower Upper

127 100

129 30.8 25.3 37.9

65 32.6 27.6 41.4

92 21.2 18.4 27.6



#34

Hexachlorobutadiene

Concen: 23.162 ng

RT: 8.281 min Scan# 1035

Delta R.T. -0.012 min

Lab File: BF144312.D

Acq: 21 Nov 2025 17:20

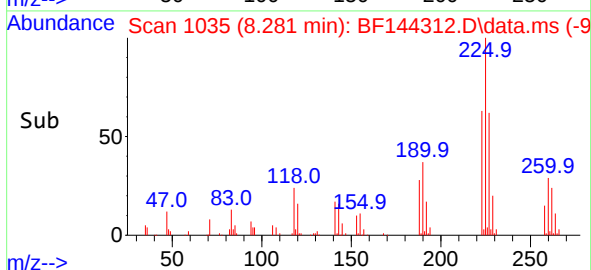
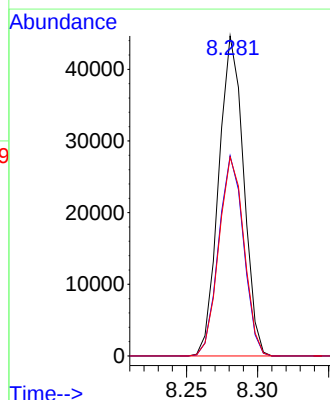
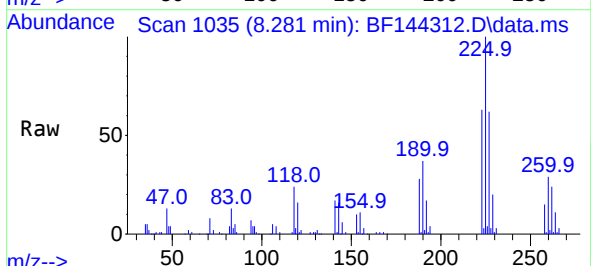
Tgt Ion:225 Resp: 54316

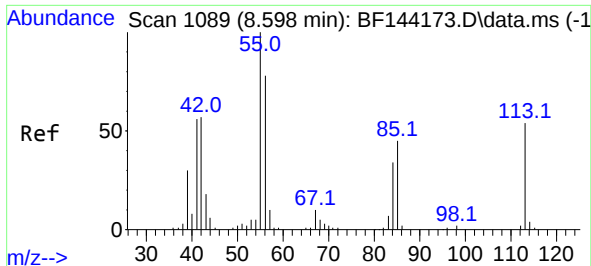
Ion Ratio Lower Upper

225 100

223 62.6 50.2 75.4

227 62.2 50.1 75.1

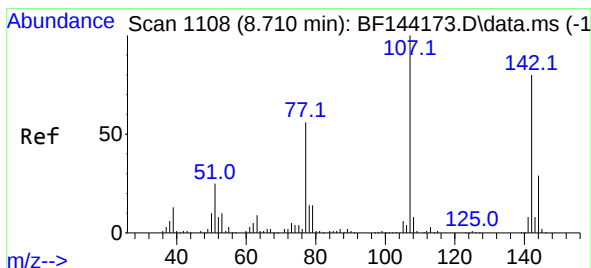
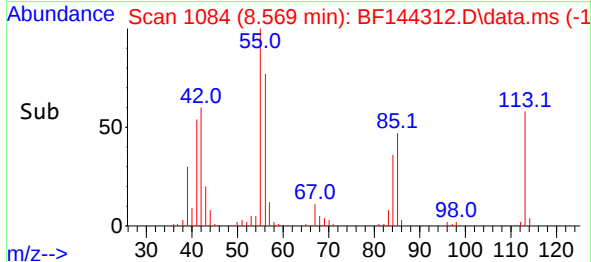
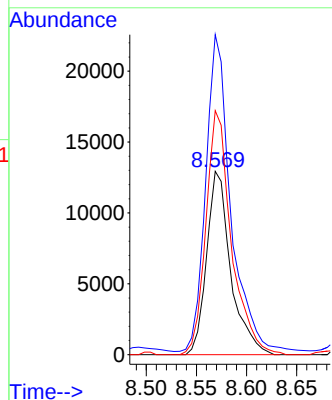
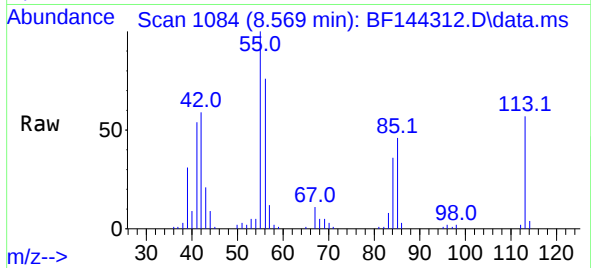




#35
 Caprolactam
 Concen: 26.090 ng
 RT: 8.569 min Scan# 1106
 Delta R.T. -0.053 min
 Lab File: BF144312.D
 Acq: 21 Nov 2025 17:20

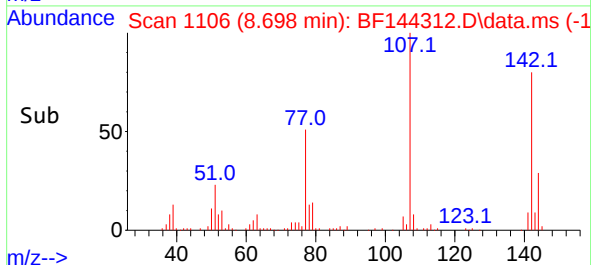
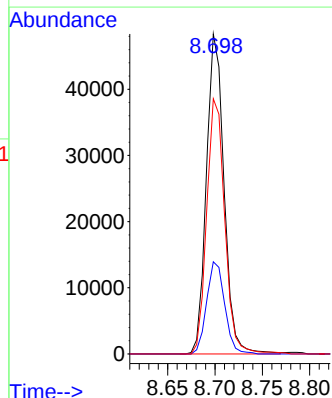
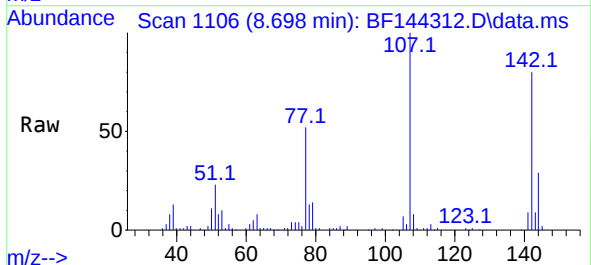
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-112025MSD

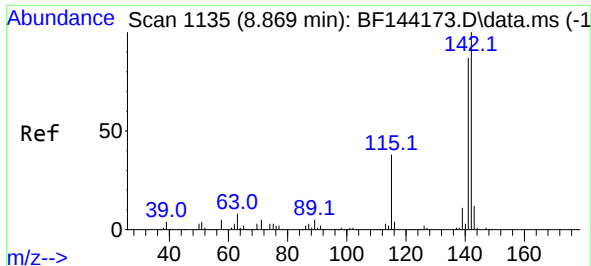
Tgt Ion:113 Resp: 21659
 Ion Ratio Lower Upper
 113 100
 55 174.5 166.8 206.8
 56 133.1 125.9 165.9



#36
 4-Chloro-3-methylphenol
 Concen: 23.076 ng
 RT: 8.698 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF144312.D
 Acq: 21 Nov 2025 17:20

Tgt Ion:107 Resp: 62667
 Ion Ratio Lower Upper
 107 100
 144 28.8 23.3 34.9
 142 79.8 63.8 95.6





#37

2-Methylnaphthalene

Concen: 22.732 ng

RT: 8.857 min Scan# 1133

Delta R.T. -0.012 min

Lab File: BF144312.D

Acq: 21 Nov 2025 17:20

Instrument :

BNA_F

ClientSampleId :

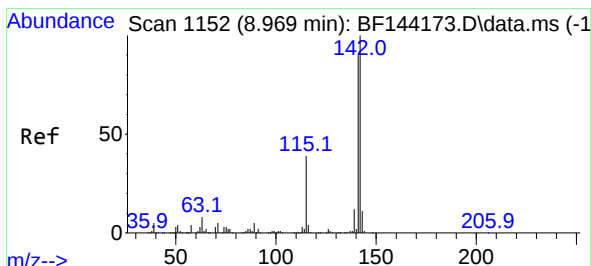
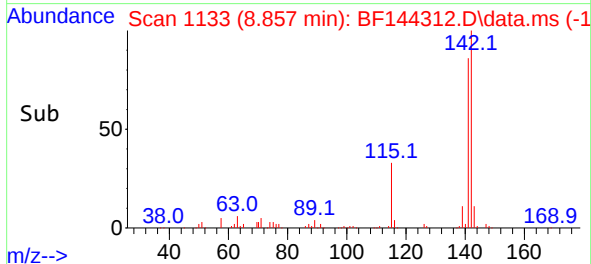
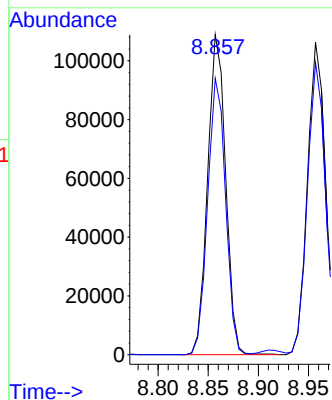
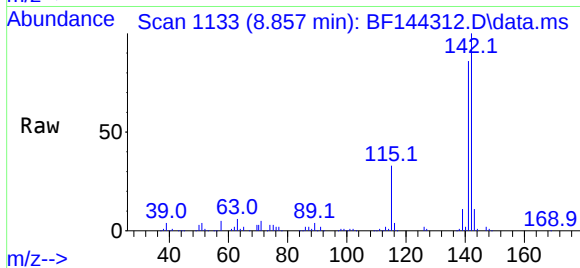
TR-06-112025MSD

Tgt Ion:142 Resp: 136272

Ion Ratio Lower Upper

142 100

141 86.4 69.9 104.9



#38

1-Methylnaphthalene

Concen: 22.769 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF144312.D

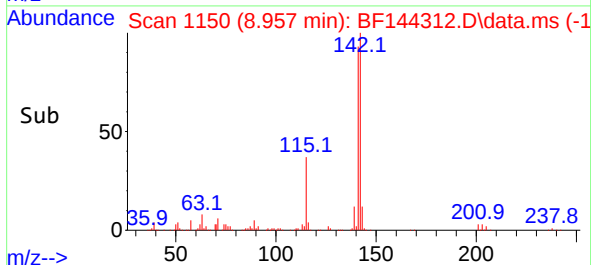
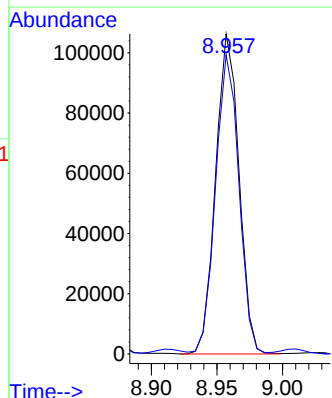
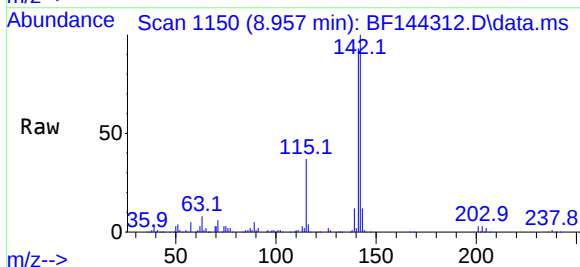
Acq: 21 Nov 2025 17:20

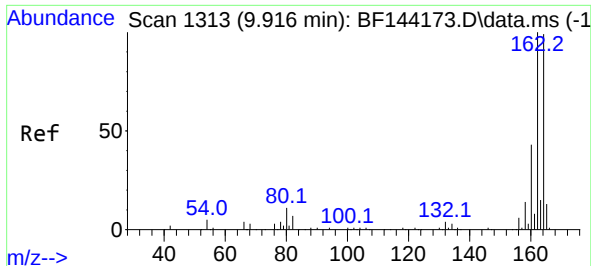
Tgt Ion:142 Resp: 131703

Ion Ratio Lower Upper

142 100

141 93.5 72.1 108.1

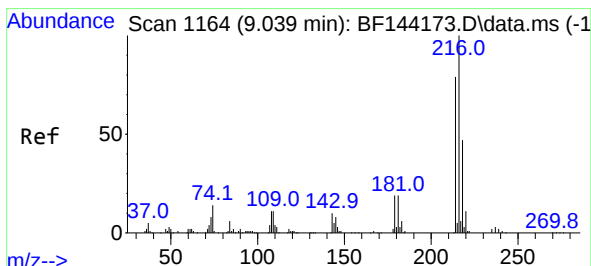
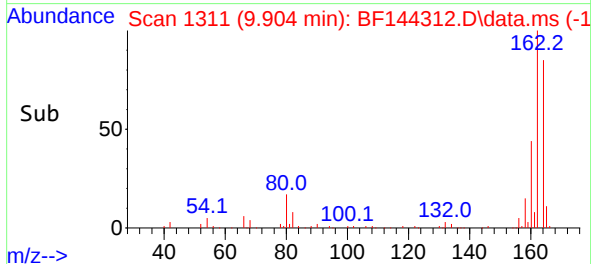
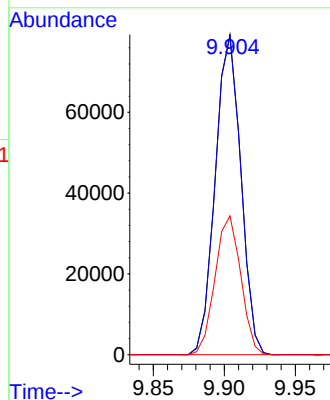
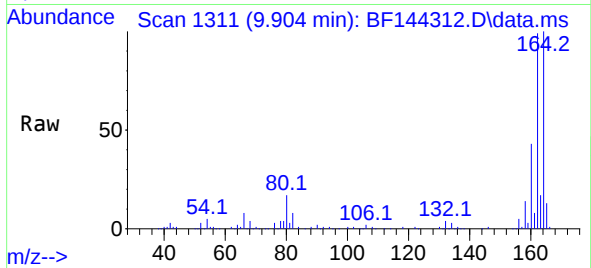




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

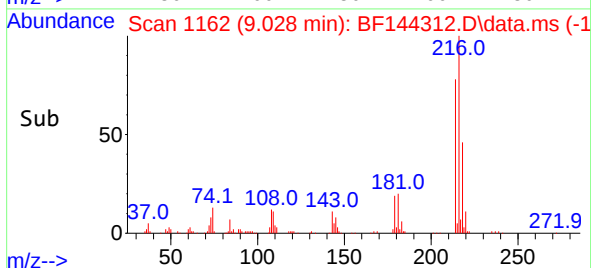
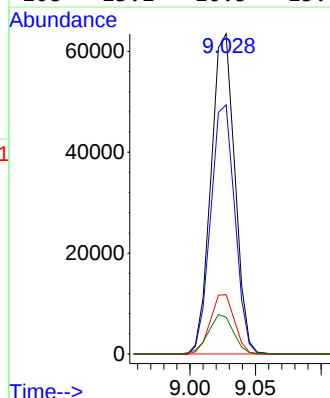
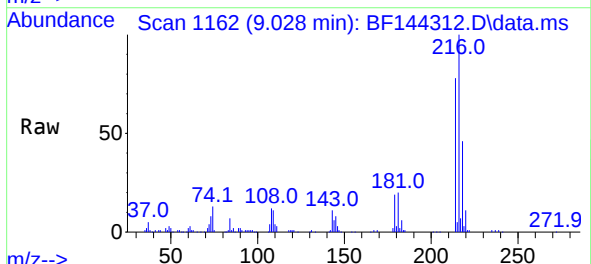
Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

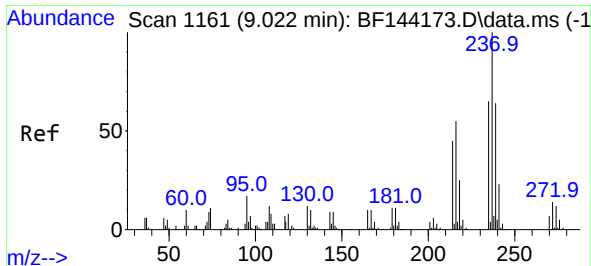
Tgt Ion:164 Resp: 99312
Ion Ratio Lower Upper
164 100
162 99.5 81.1 121.7
160 43.4 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 24.686 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

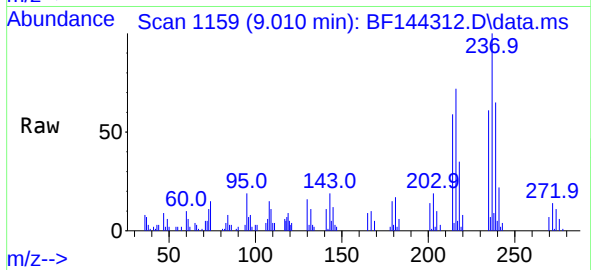
Tgt Ion:216 Resp: 80346
Ion Ratio Lower Upper
216 100
214 78.8 63.4 95.2
179 18.7 15.0 22.4
108 13.1 10.5 15.7



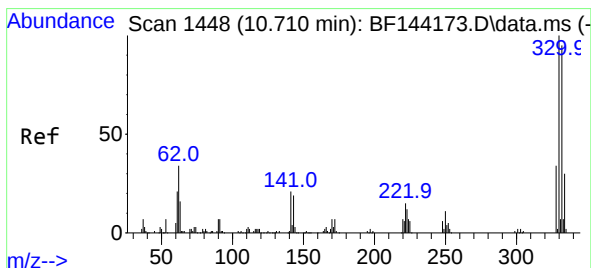
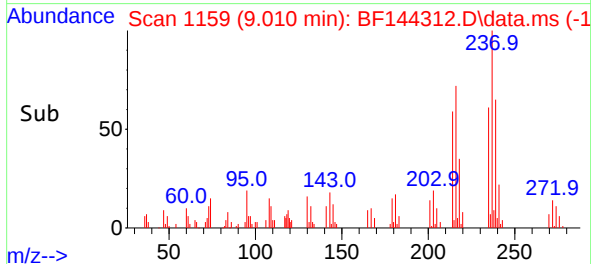
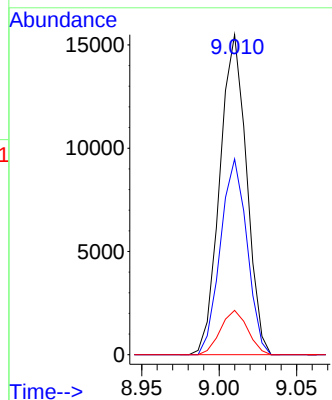


#41
Hexachlorocyclopentadiene
Concen: 22.620 ng
RT: 9.010 min Scan# 1159
Delta R.T. -0.018 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

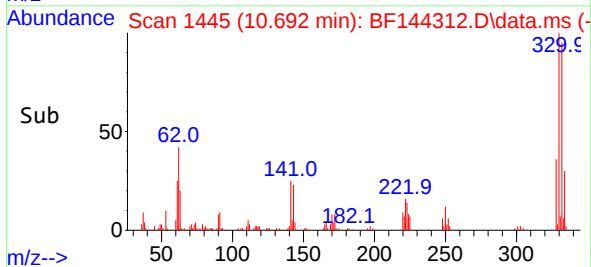
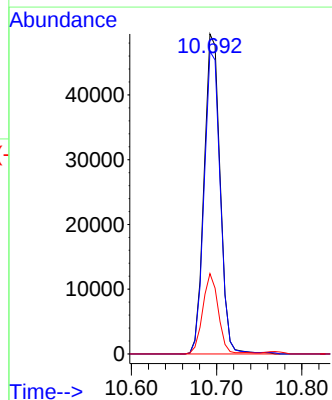
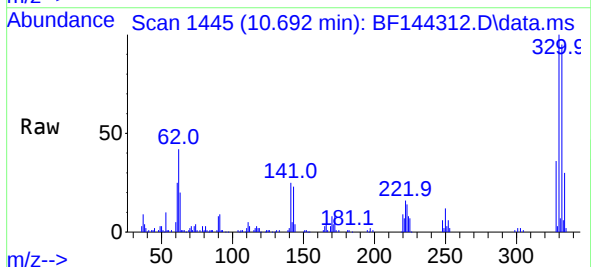


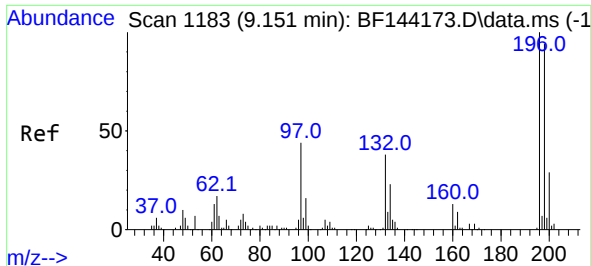
Tgt Ion:237 Resp: 18574
Ion Ratio Lower Upper
237 100
235 61.1 45.5 85.5
272 13.9 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 51.791 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion:330 Resp: 64544
Ion Ratio Lower Upper
330 100
332 94.9 76.7 115.1
141 24.7 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 24.077 ng

RT: 9.139 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BF144312.D

Acq: 21 Nov 2025 17:20

Instrument :

BNA_F

ClientSampleId :

TR-06-112025MSD

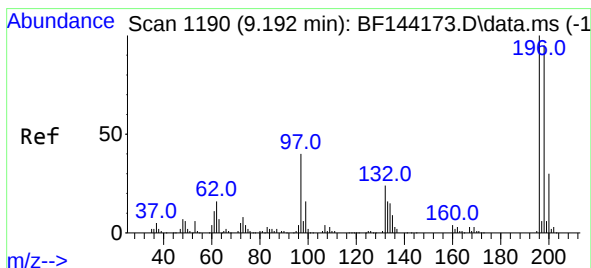
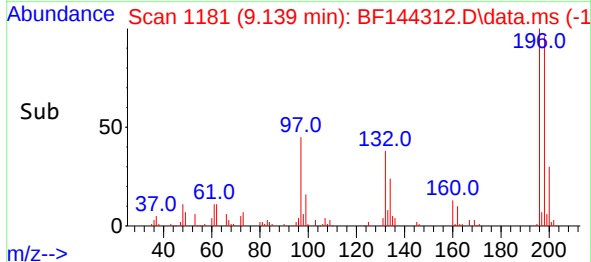
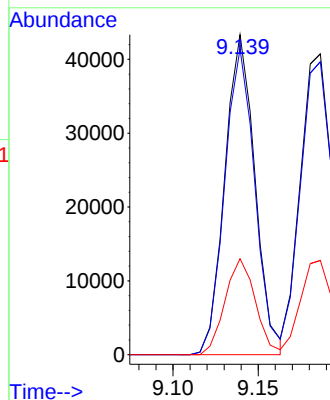
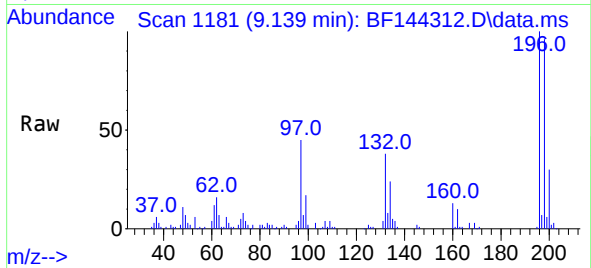
Tgt Ion:196 Resp: 53337

Ion Ratio Lower Upper

196 100

198 95.6 75.3 112.9

200 30.0 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 23.701 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144312.D

Acq: 21 Nov 2025 17:20

Tgt Ion:196 Resp: 56587

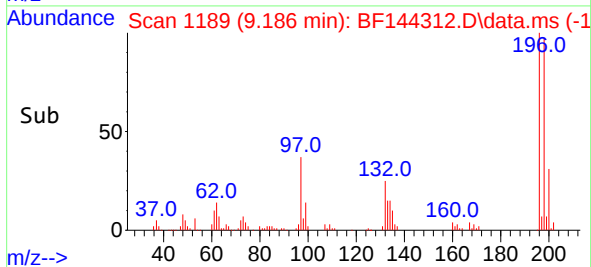
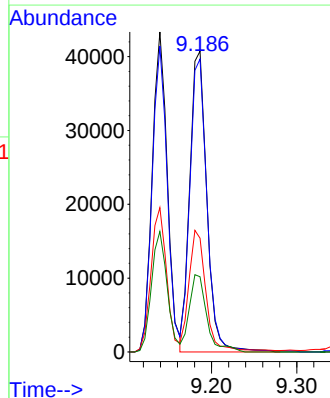
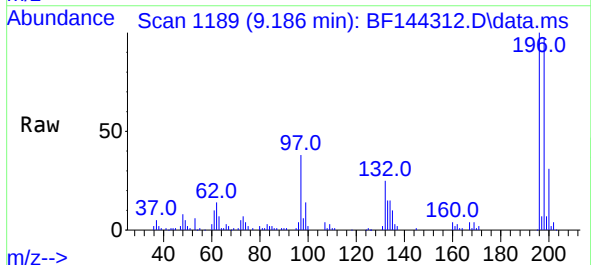
Ion Ratio Lower Upper

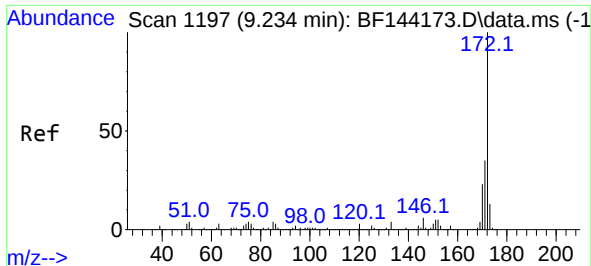
196 100

198 97.4 76.1 114.1

97 37.8 31.9 47.9

132 25.0 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 37.928 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144312.D

Acq: 21 Nov 2025 17:20

Instrument :

BNA_F

ClientSampleId :

TR-06-112025MSD

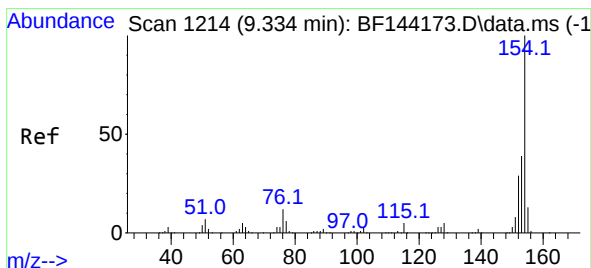
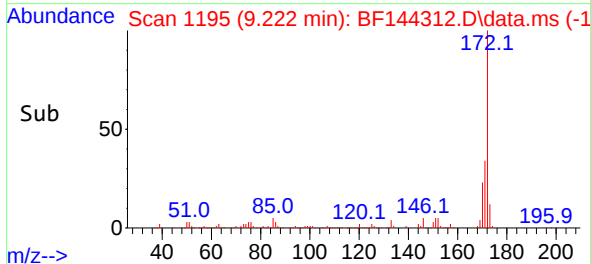
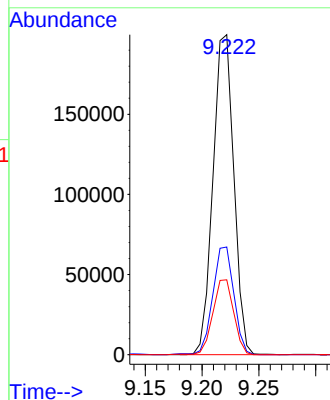
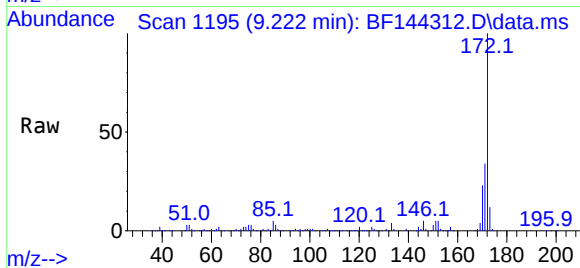
Tgt Ion:172 Resp: 255036

Ion Ratio Lower Upper

172 100

171 33.7 28.1 42.1

170 23.4 18.6 28.0



#46

1,1'-Biphenyl

Concen: 25.485 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF144312.D

Acq: 21 Nov 2025 17:20

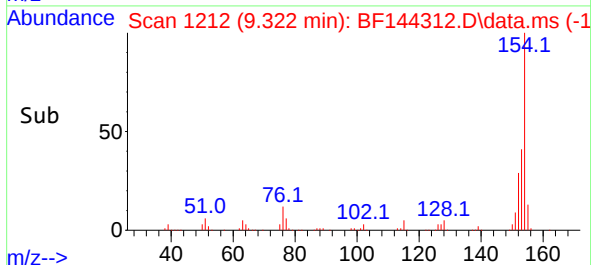
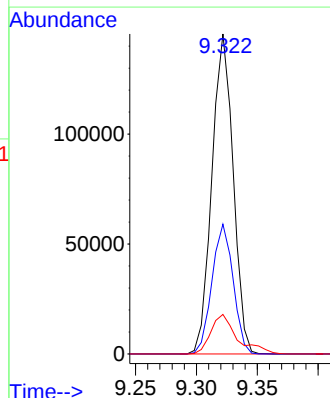
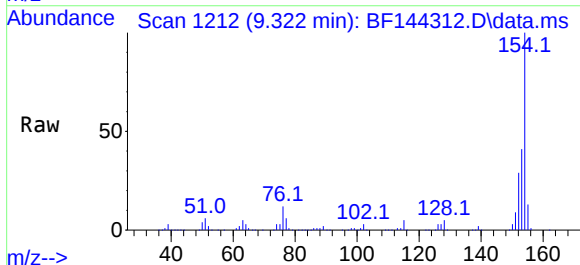
Tgt Ion:154 Resp: 176666

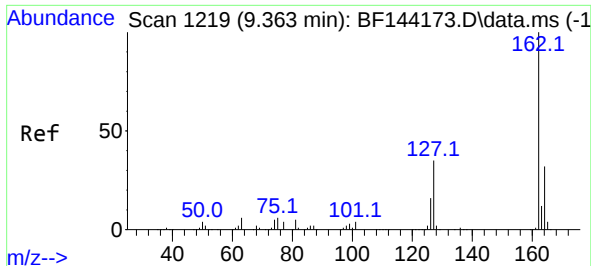
Ion Ratio Lower Upper

154 100

153 40.6 19.2 59.2

76 12.4 0.0 31.8





#47

2-Chloronaphthalene

Concen: 24.824 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144312.D

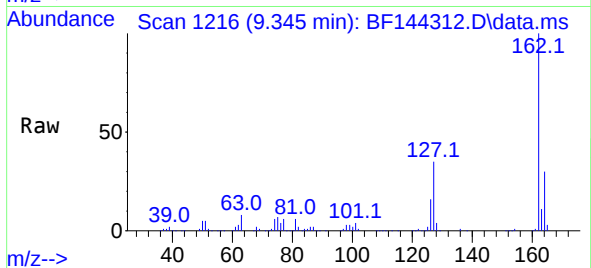
Acq: 21 Nov 2025 17:20

Instrument :

BNA_F

ClientSampleId :

TR-06-112025MSD



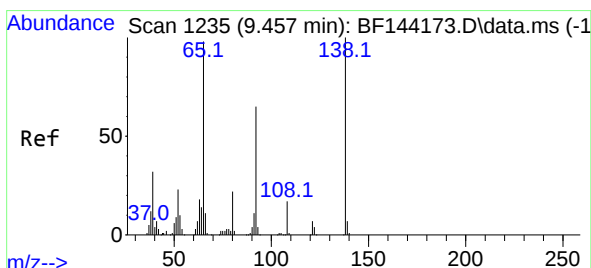
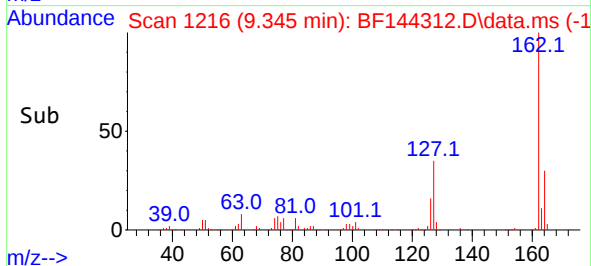
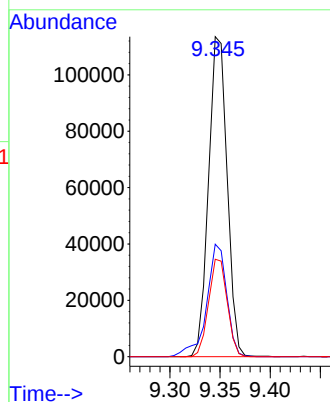
Tgt Ion:162 Resp: 146792

Ion Ratio Lower Upper

162 100

127 35.1 28.8 43.2

164 30.4 25.8 38.8



#48

2-Nitroaniline

Concen: 24.946 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.012 min

Lab File: BF144312.D

Acq: 21 Nov 2025 17:20

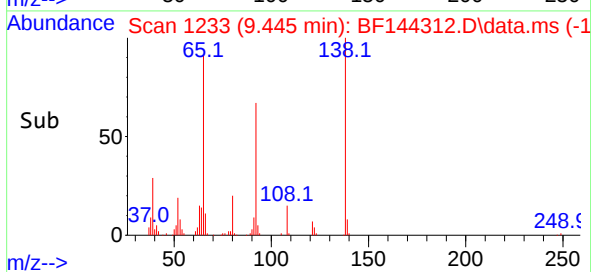
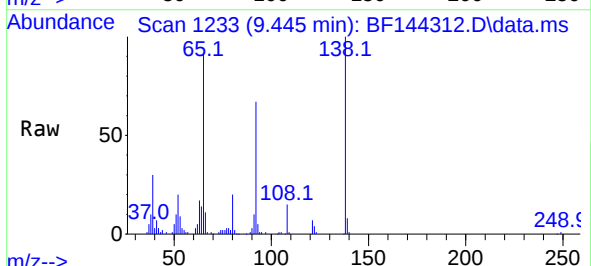
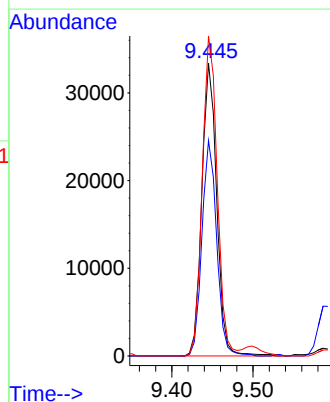
Tgt Ion: 65 Resp: 42562

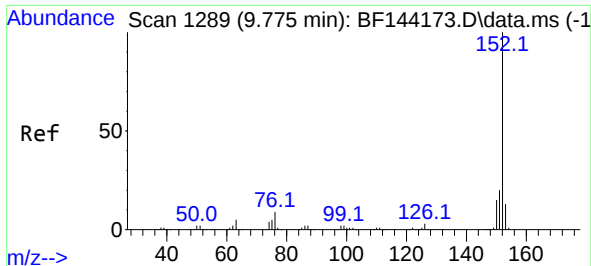
Ion Ratio Lower Upper

65 100

92 73.6 53.0 79.6

138 109.3 81.6 122.4





#49

Acenaphthylene

Concen: 28.547 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144312.D

Acq: 21 Nov 2025 17:20

Instrument :

BNA_F

ClientSampleId :

TR-06-112025MSD

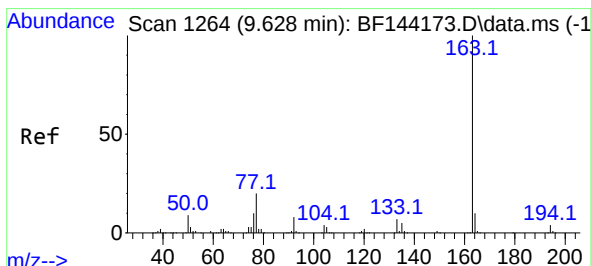
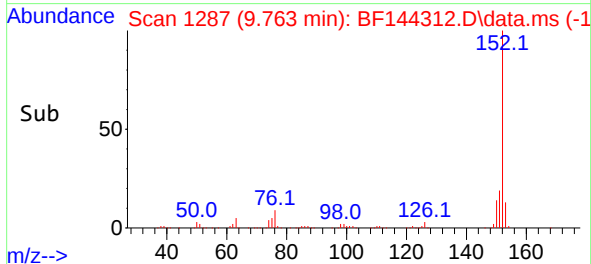
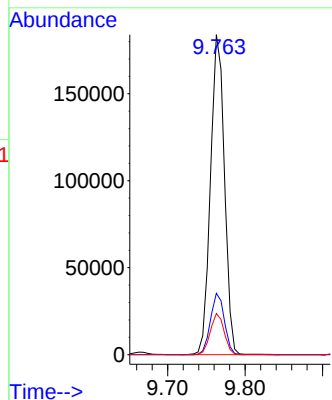
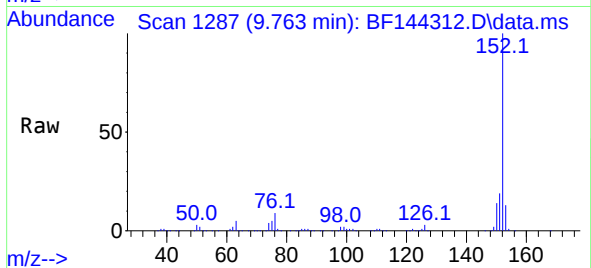
Tgt Ion:152 Resp: 230039

Ion Ratio Lower Upper

152 100

151 19.2 15.9 23.9

153 12.8 10.5 15.7



#50

Dimethylphthalate

Concen: 26.227 ng

RT: 9.622 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF144312.D

Acq: 21 Nov 2025 17:20

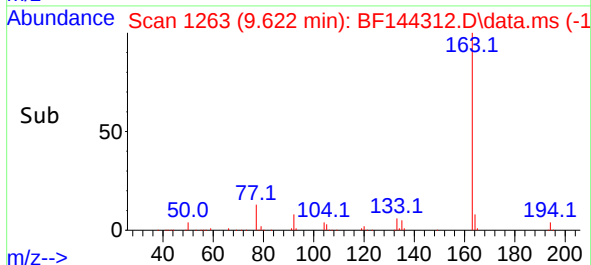
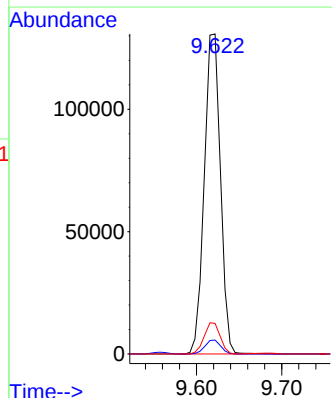
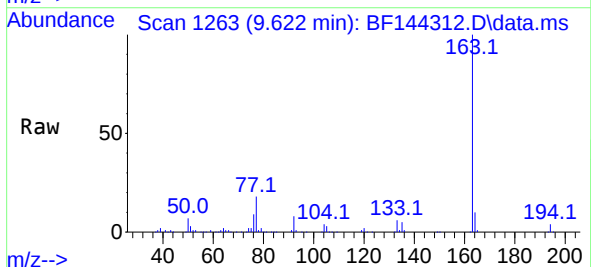
Tgt Ion:163 Resp: 172551

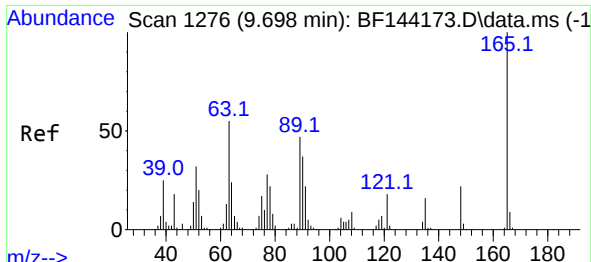
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

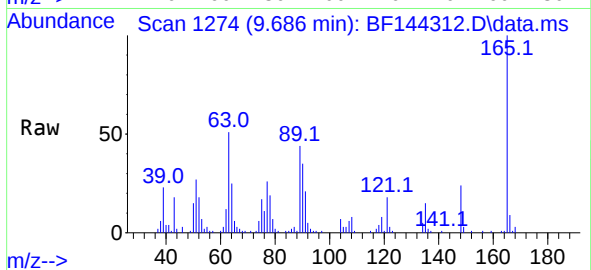
164 9.6 8.1 12.1



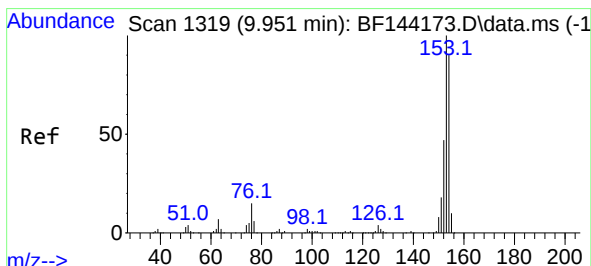
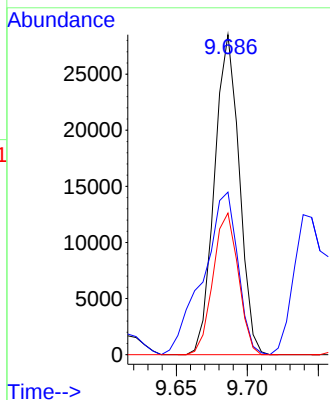
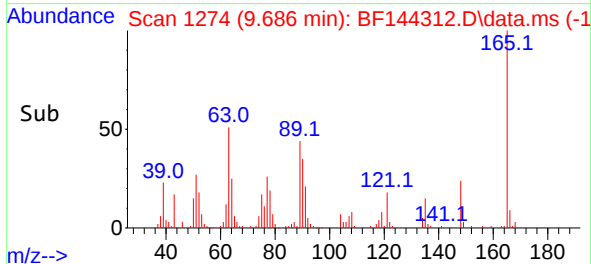


#51
2,6-Dinitrotoluene
Concen: 25.940 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

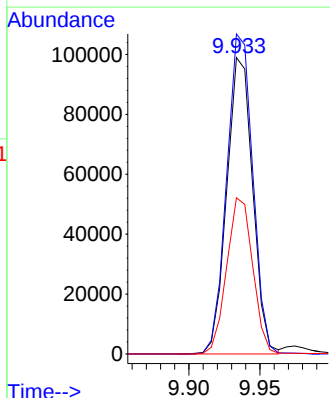
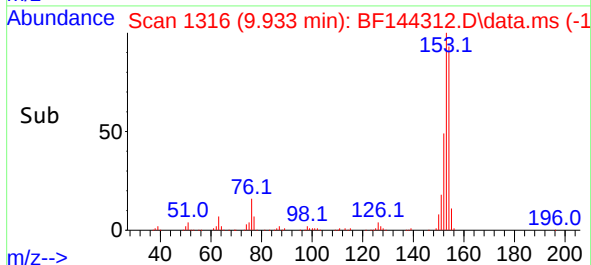
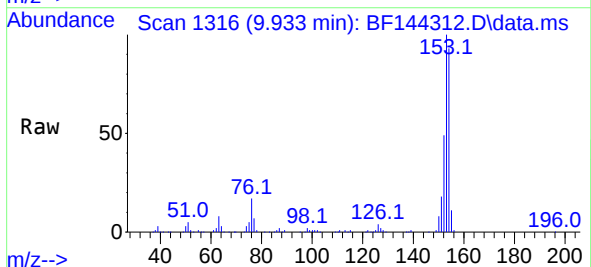


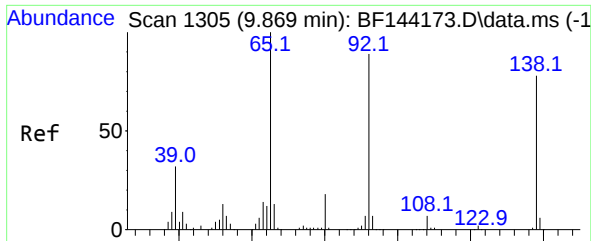
Tgt Ion:165 Resp: 34548
Ion Ratio Lower Upper
165 100
63 50.8 43.8 65.8
89 44.3 37.5 56.3



#52
Acenaphthene
Concen: 23.360 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

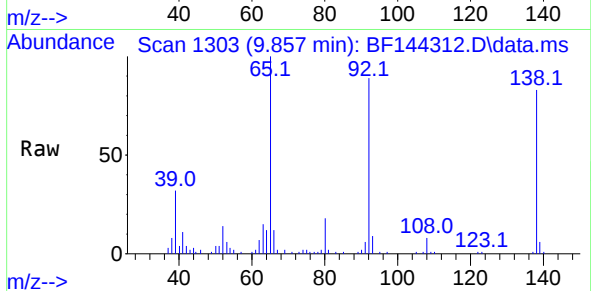
Tgt Ion:154 Resp: 125880
Ion Ratio Lower Upper
154 100
153 108.0 89.0 133.4
152 52.7 42.2 63.4



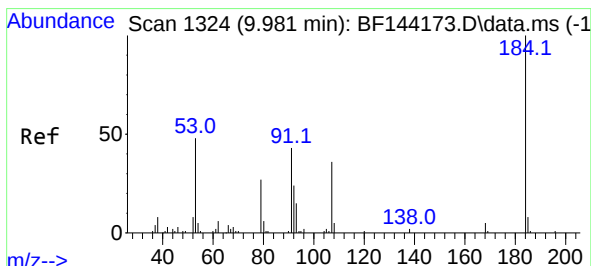
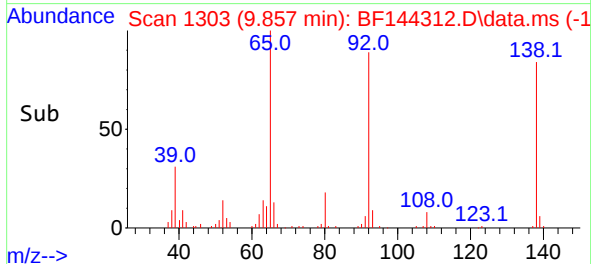
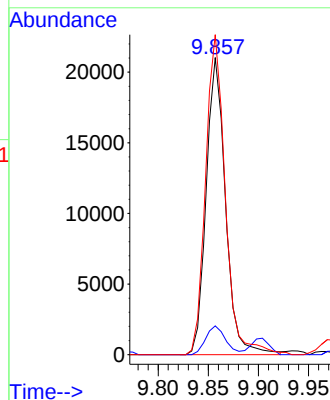


#53
3-Nitroaniline
Concen: 19.471 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

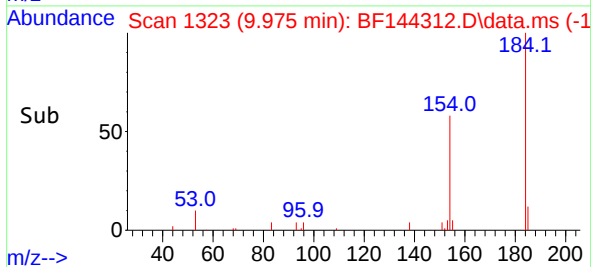
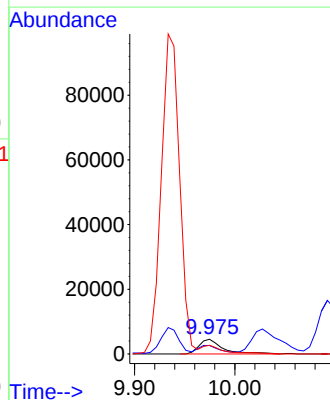
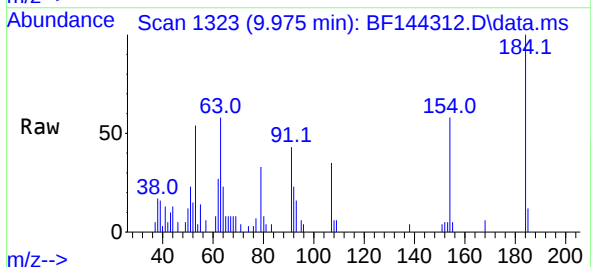


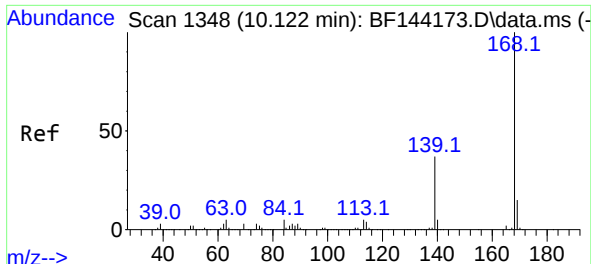
Tgt Ion:138 Resp: 28348
Ion Ratio Lower Upper
138 100
108 9.7 7.5 11.3
92 107.7 91.8 137.6



#54
2,4-Dinitrophenol
Concen: 9.273 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion:184 Resp: 7458
Ion Ratio Lower Upper
184 100
63 58.2 44.0 66.0
154 58.4 42.4 63.6

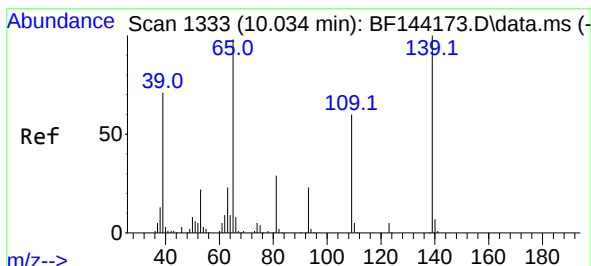
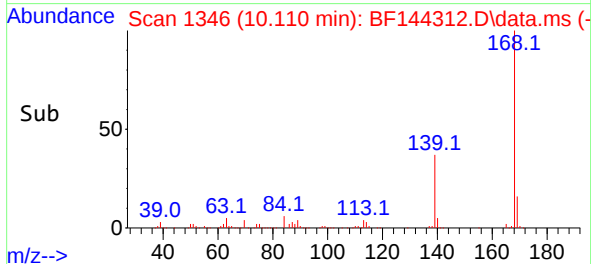
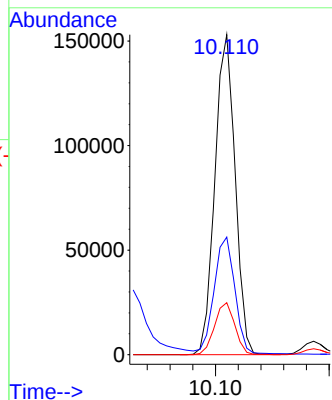
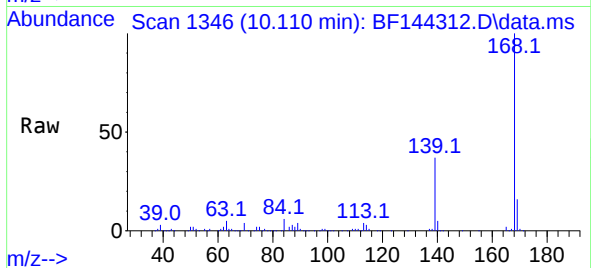




#55
Dibenzenofuran
Concen: 25.069 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

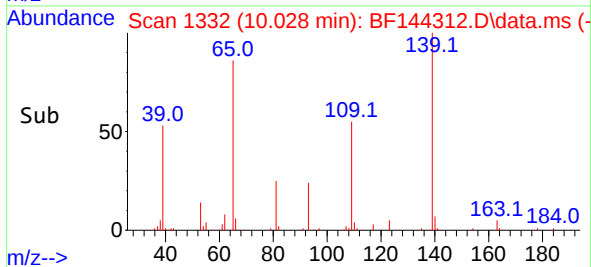
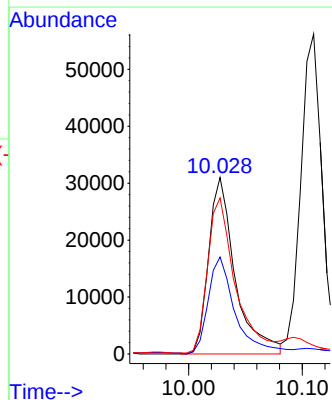
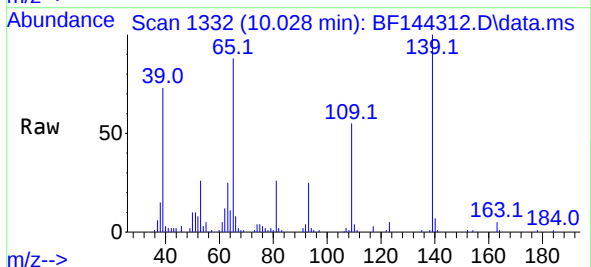
Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

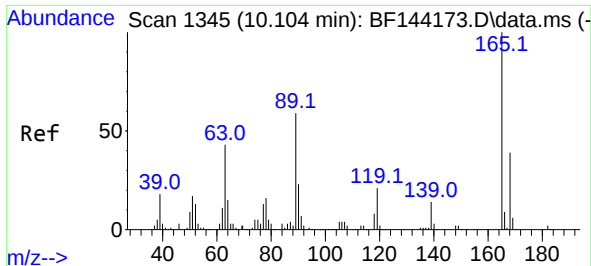
Tgt Ion:168	Resp: 189196
Ion Ratio	Lower Upper
168 100	
139 36.7	30.2 45.2
169 16.3	12.2 18.4



#56
4-Nitrophenol
Concen: 47.923 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

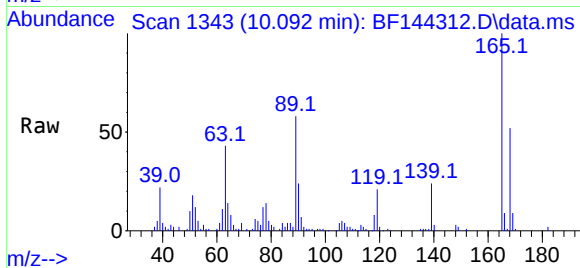
Tgt Ion:139	Resp: 50470		
Ion Ratio	Lower	Upper	
139 100			
109 55.0	39.9	79.9	
65 88.4	79.5	119.5	



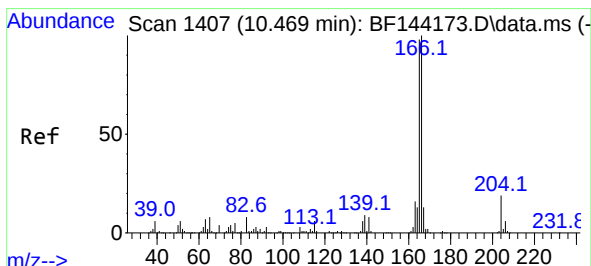
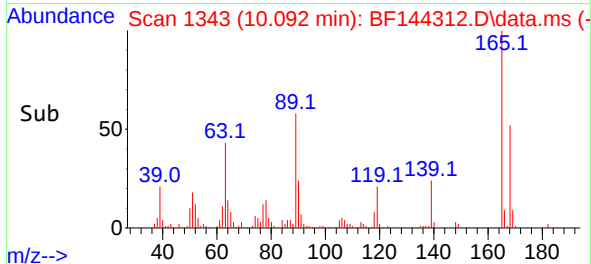
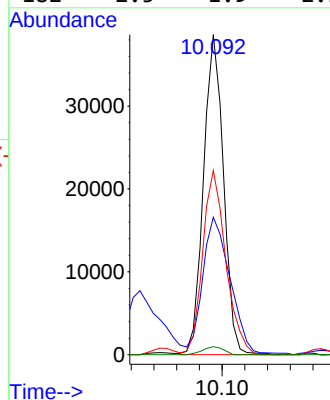


#57
2,4-Dinitrotoluene
Concen: 26.470 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

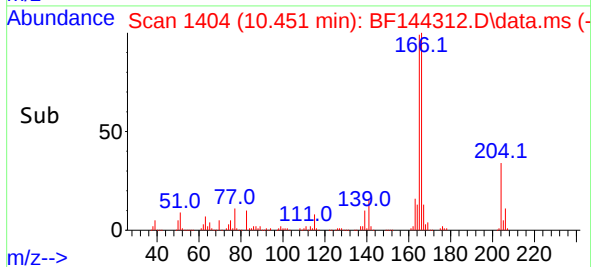
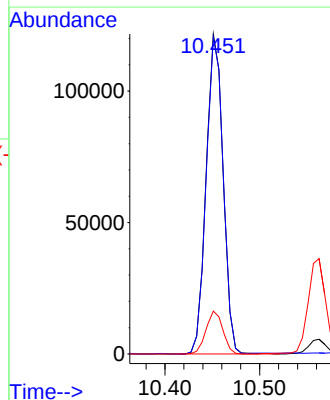
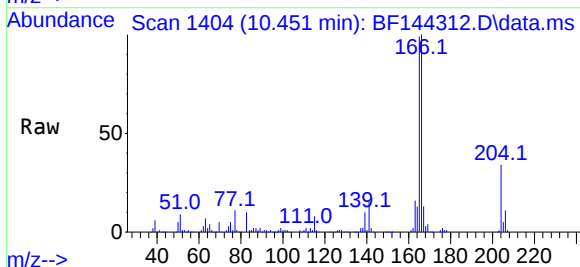


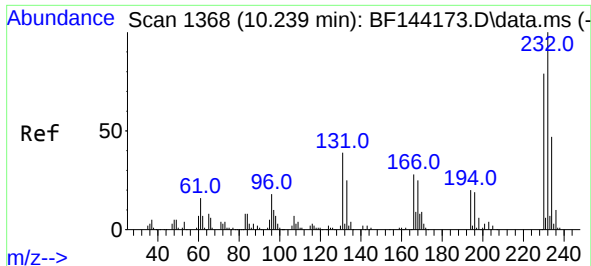
Tgt Ion:165 Resp: 47194
Ion Ratio Lower Upper
165 100
63 42.9 35.5 53.3
89 57.5 47.4 71.2
182 2.5 1.9 2.9



#58
Fluorene
Concen: 26.325 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion:166 Resp: 151053
Ion Ratio Lower Upper
166 100
165 99.0 78.6 118.0
167 13.4 10.4 15.6



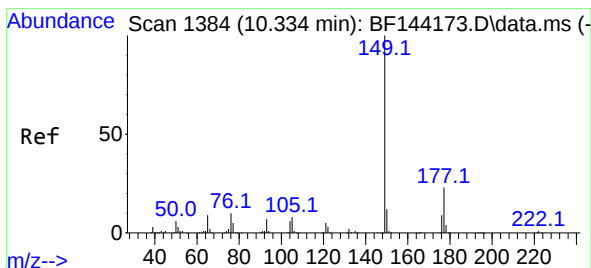
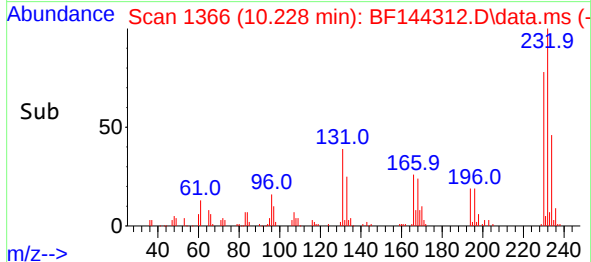
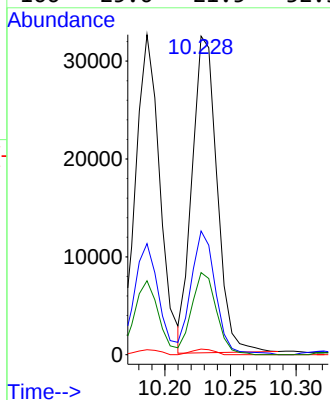
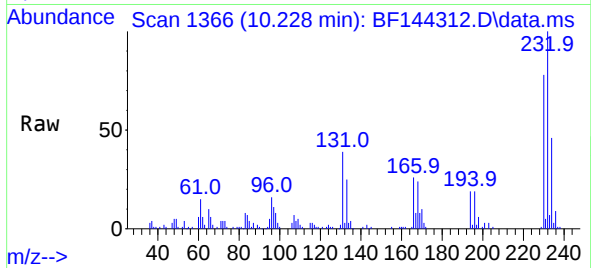


#59
2,3,4,6-Tetrachlorophenol
Concen: 25.363 ng
RT: 10.228 min Scan# 1366
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

Tgt Ion:232 Resp: 42843

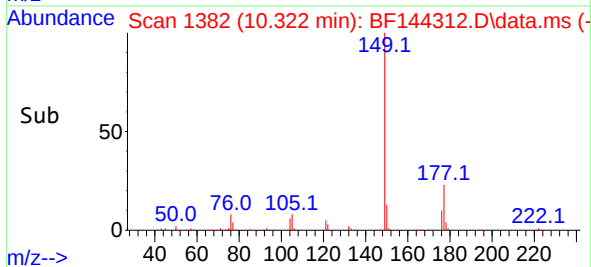
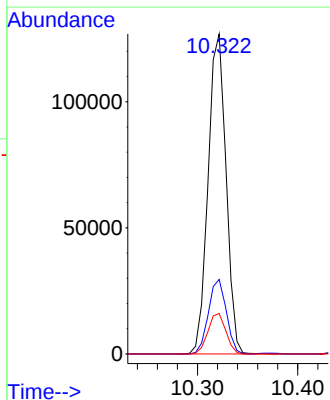
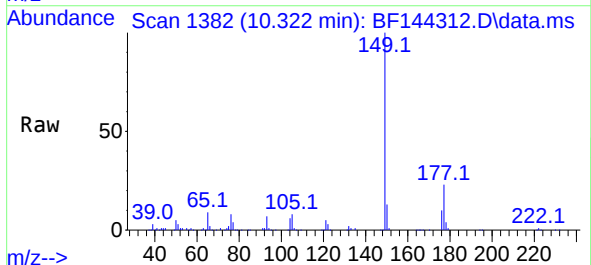
Ion	Ratio	Lower	Upper
232	100		
131	38.2	30.3	45.5
130	1.6	1.2	1.8
166	25.6	21.5	32.3

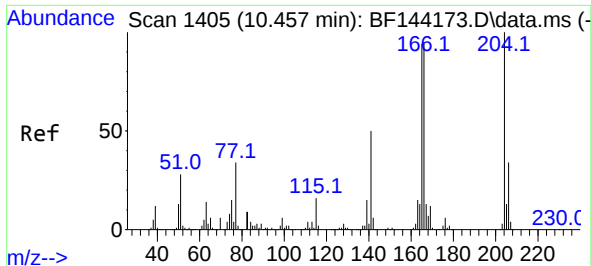


#60
Diethylphthalate
Concen: 26.049 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion:149 Resp: 157987

Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.3	27.5
150	12.6	9.8	14.6

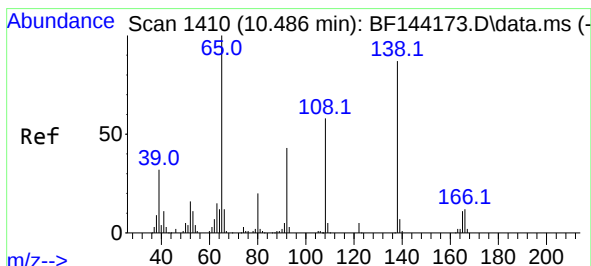
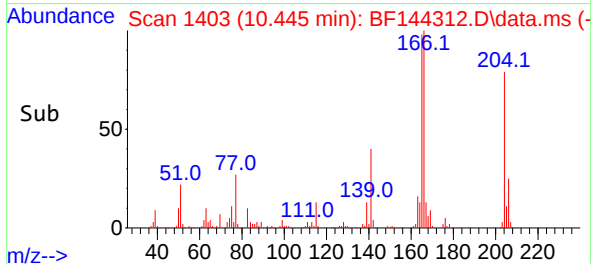
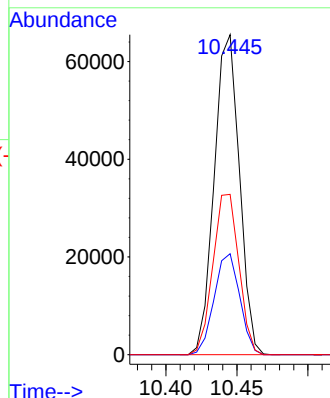
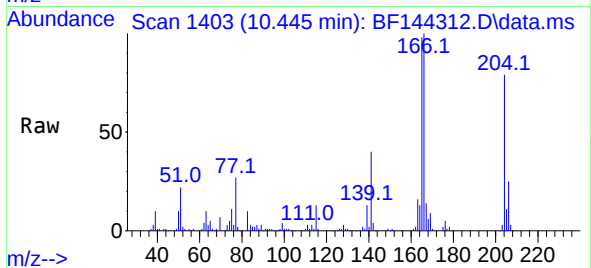




#61
4-Chlorophenyl-phenylether
Concen: 24.728 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

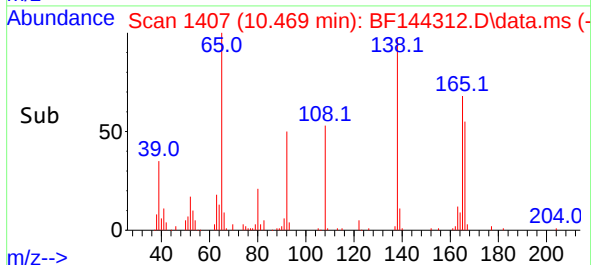
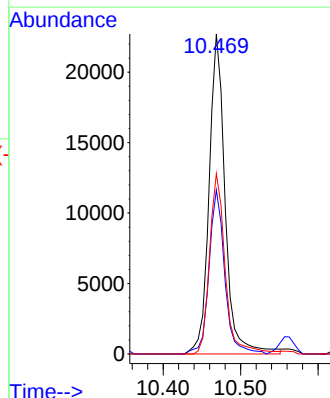
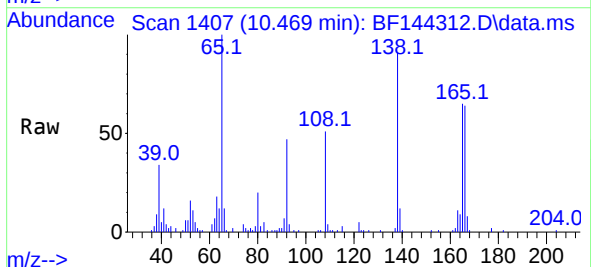
Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

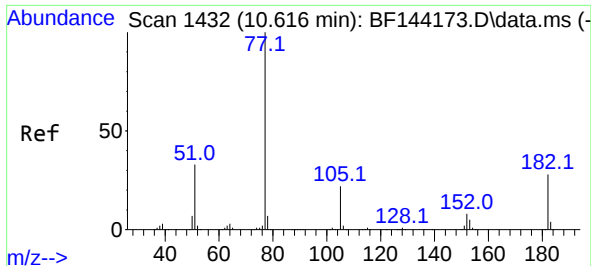
Tgt Ion:204 Resp: 80823
Ion Ratio Lower Upper
204 100
206 31.5 27.4 41.2
141 50.1 40.0 60.0



#62
4-Nitroaniline
Concen: 23.591 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion:138 Resp: 32709
Ion Ratio Lower Upper
138 100
92 51.3 29.4 69.4
108 56.3 46.4 86.4



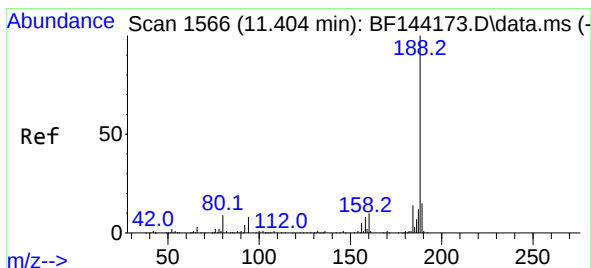
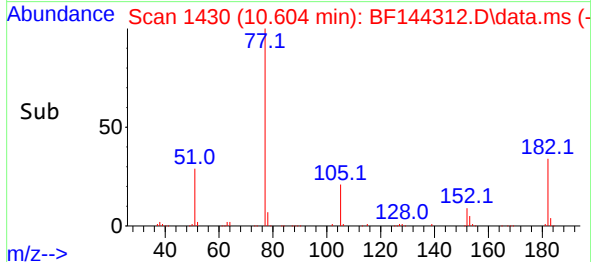
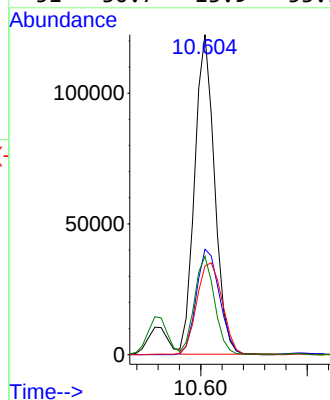
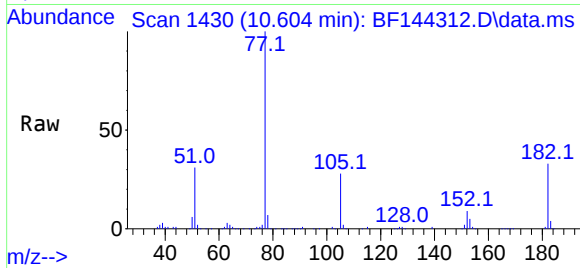


#63
Azobenzene
Concen: 28.097 ng
RT: 10.604 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

Tgt Ion: 77 Resp: 158594

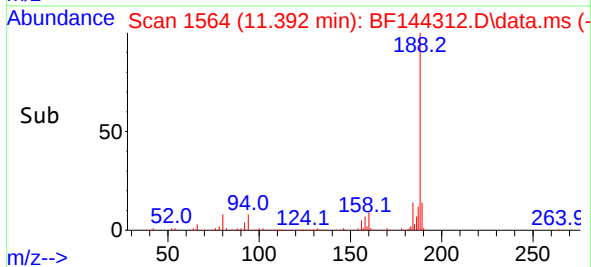
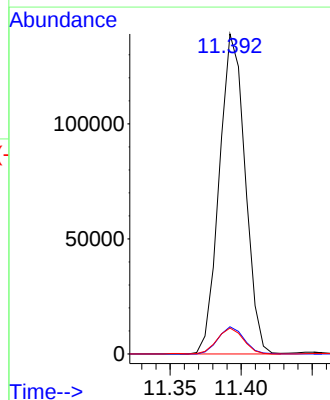
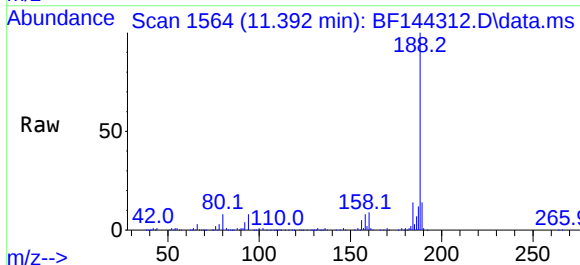
Ion	Ratio	Lower	Upper
77	100		
182	32.9	8.1	48.1
105	27.8	2.0	42.0
51	30.7	13.9	53.9

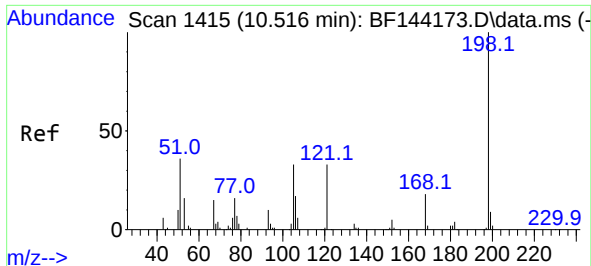


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion: 188 Resp: 175705

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.2	9.2
80	8.1	6.9	10.3

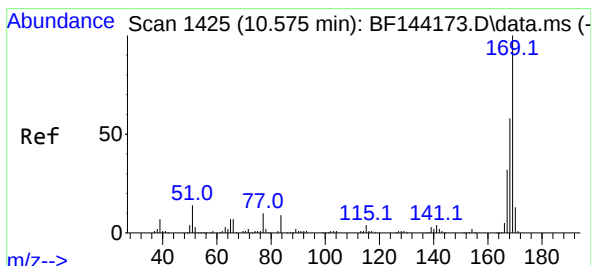
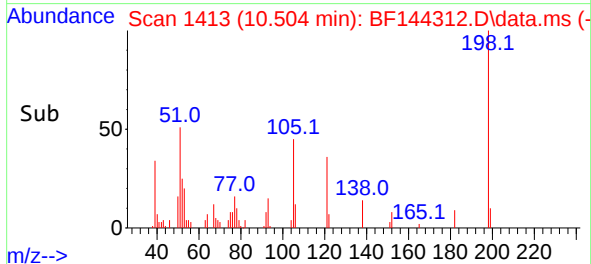
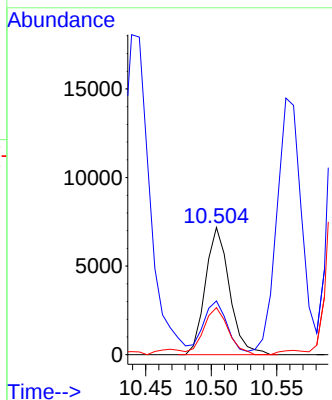
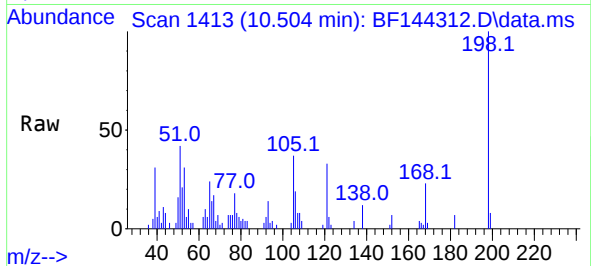




#65
4,6-Dinitro-2-methylphenol
Concen: 7.691 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

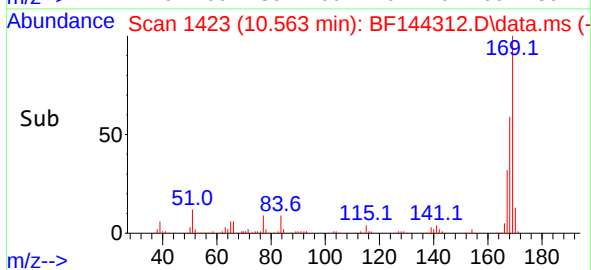
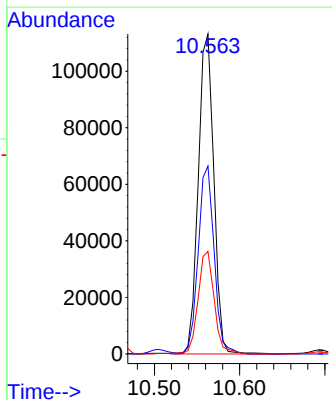
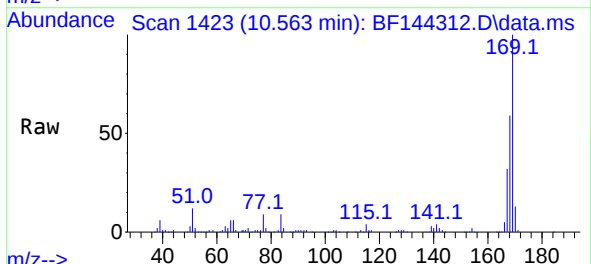
Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

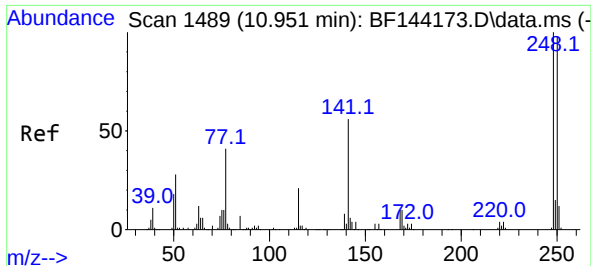
Tgt Ion:198 Resp: 9180
Ion Ratio Lower Upper
198 100
51 42.3 25.6 65.6
105 37.0 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 25.327 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion:169 Resp: 143124
Ion Ratio Lower Upper
169 100
168 58.7 46.2 69.2
167 32.1 25.7 38.5

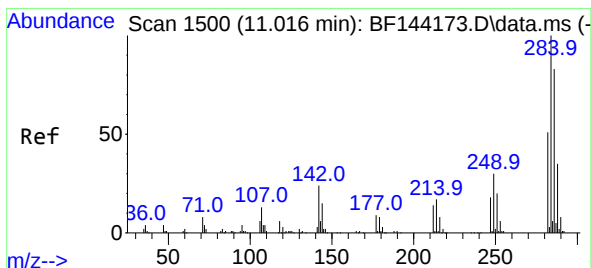
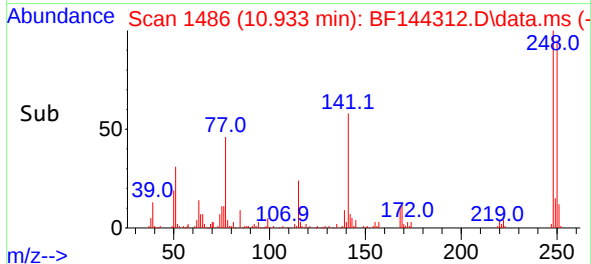
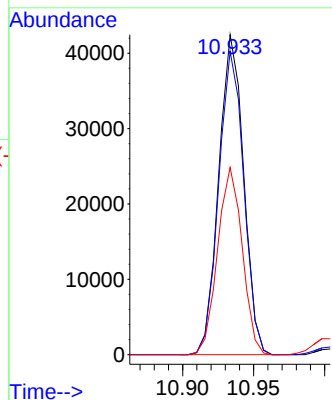
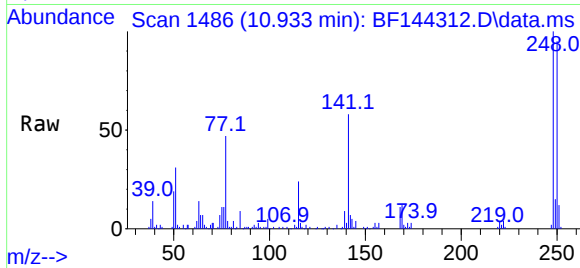




#67
4-Bromophenyl-phenylether
Concen: 23.014 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

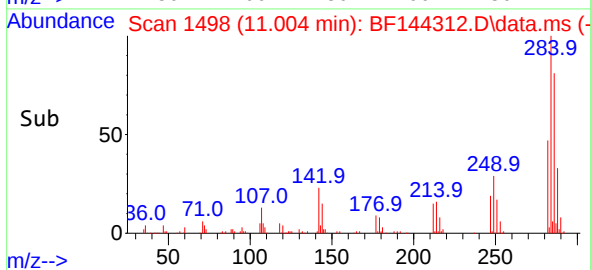
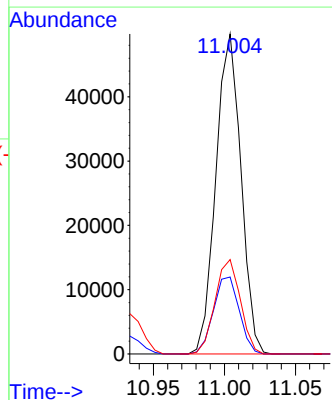
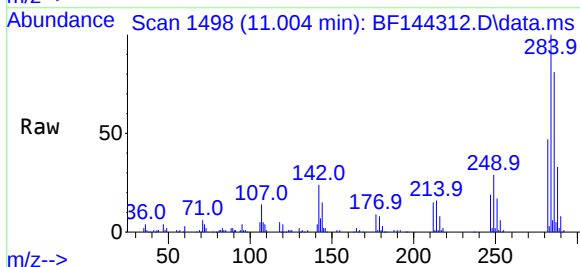
Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

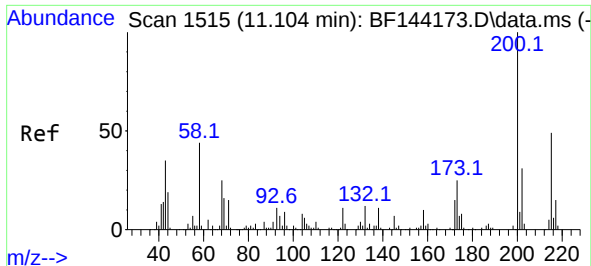
Tgt Ion:248 Resp: 51614
Ion Ratio Lower Upper
248 100
250 94.8 78.4 117.6
141 58.5 45.1 67.7



#68
Hexachlorobenzene
Concen: 23.106 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion:284 Resp: 61038
Ion Ratio Lower Upper
284 100
142 24.1 19.2 28.8
249 29.5 23.8 35.8

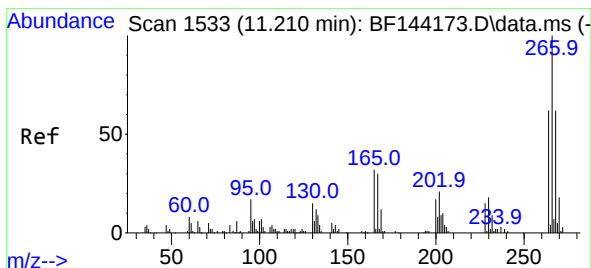
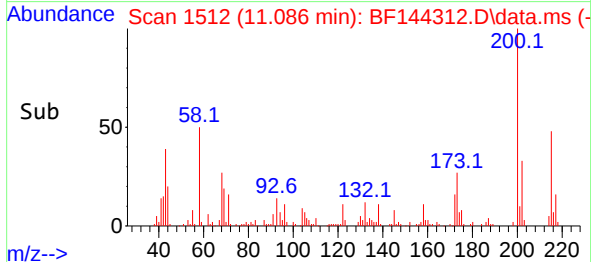
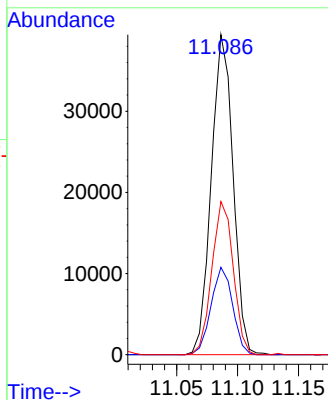
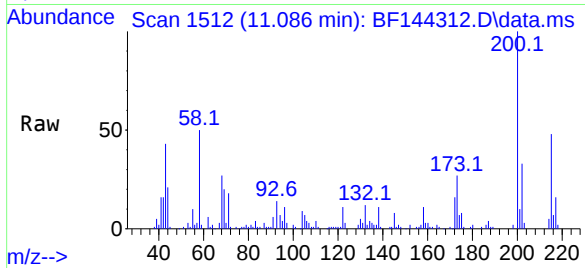




#69
 Atrazine
 Concen: 27.315 ng
 RT: 11.086 min Scan# 1512
 Delta R.T. -0.012 min
 Lab File: BF144312.D
 Acq: 21 Nov 2025 17:20

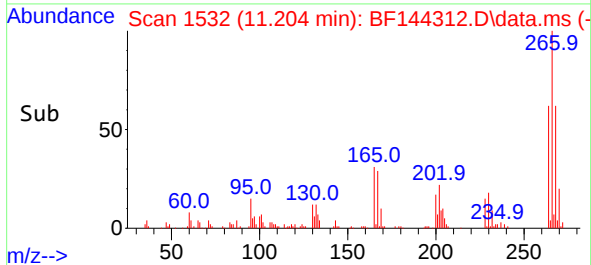
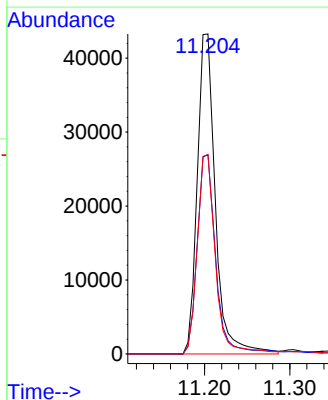
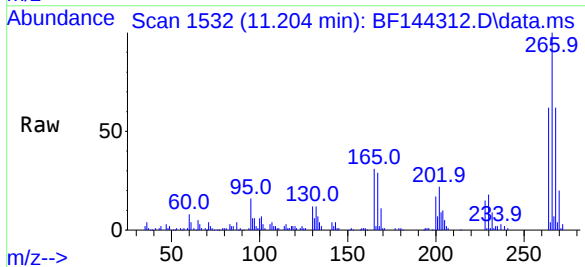
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-112025MSD

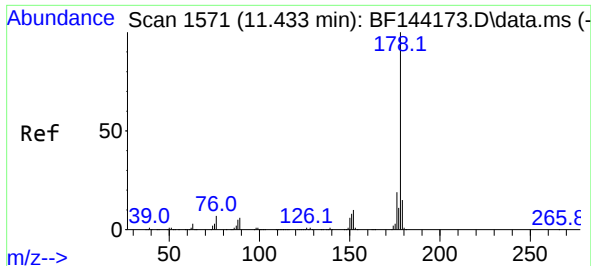
Tgt Ion:200 Resp: 49091
 Ion Ratio Lower Upper
 200 100
 173 27.3 5.0 45.0
 215 47.8 28.7 68.7



#70
 Pentachlorophenol
 Concen: 48.602 ng
 RT: 11.204 min Scan# 1532
 Delta R.T. -0.012 min
 Lab File: BF144312.D
 Acq: 21 Nov 2025 17:20

Tgt Ion:266 Resp: 63932
 Ion Ratio Lower Upper
 266 100
 268 62.2 49.5 74.3
 264 62.4 49.4 74.2

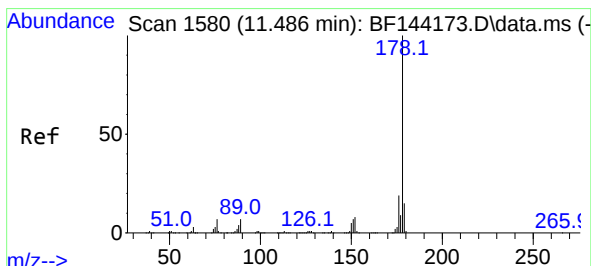
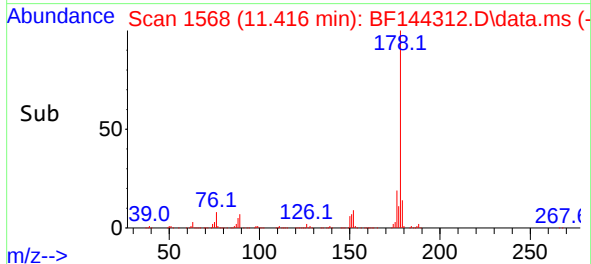
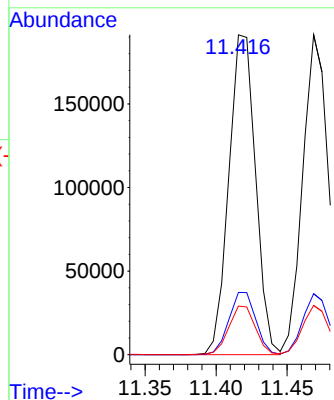
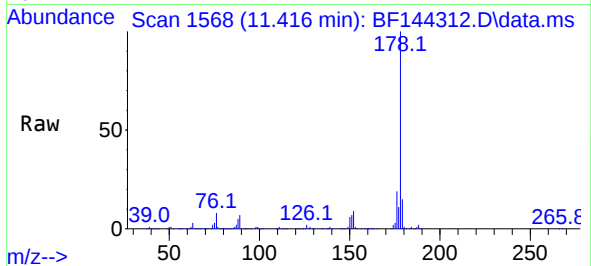




#71
Phenanthrene
Concen: 28.695 ng
RT: 11.416 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

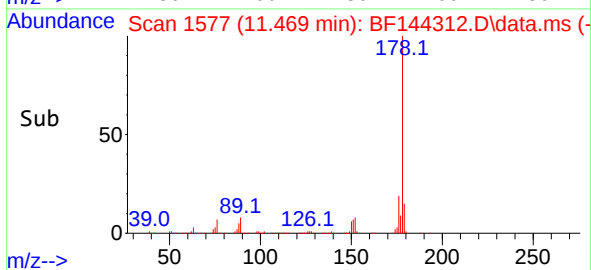
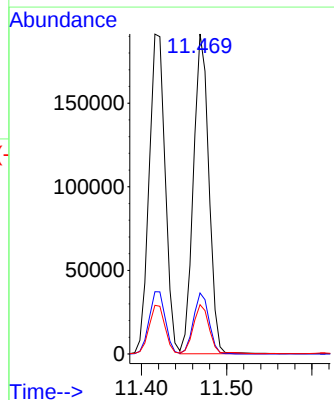
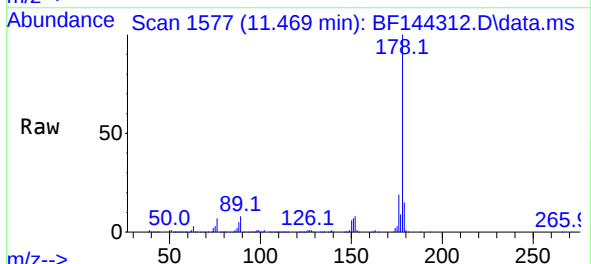
Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

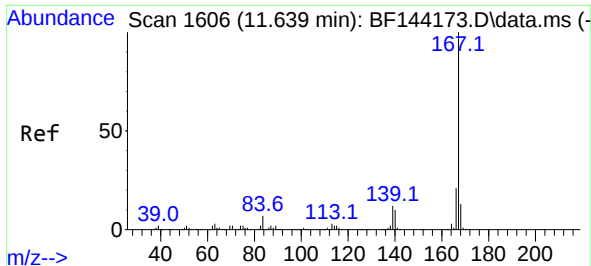
Tgt Ion:178 Resp: 251025
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.2 12.2 18.4



#72
Anthracene
Concen: 26.962 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion:178 Resp: 239840
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.4 12.0 18.0

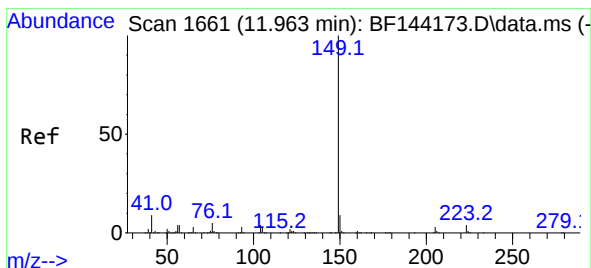
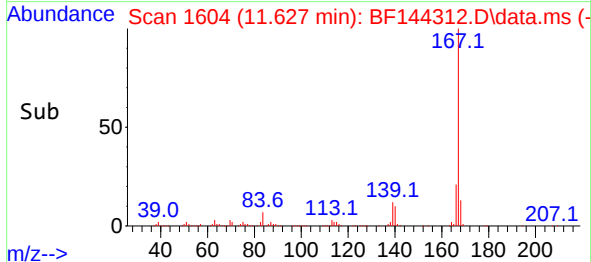
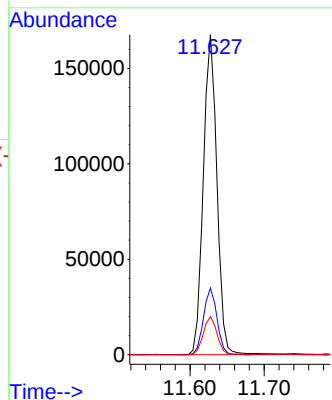
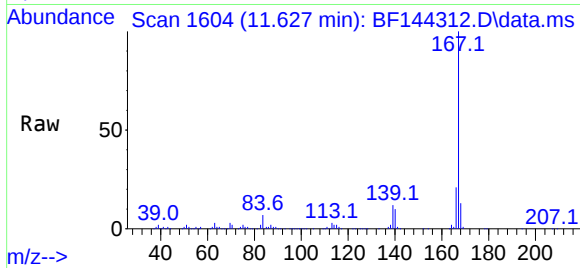




#73
Carbazole
Concen: 28.299 ng
RT: 11.627 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

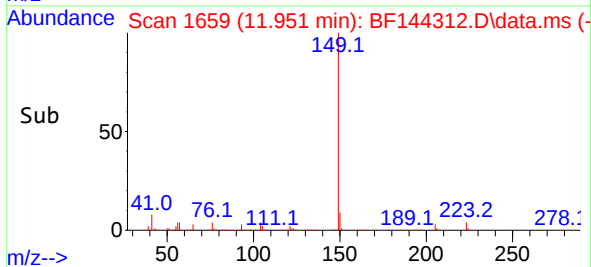
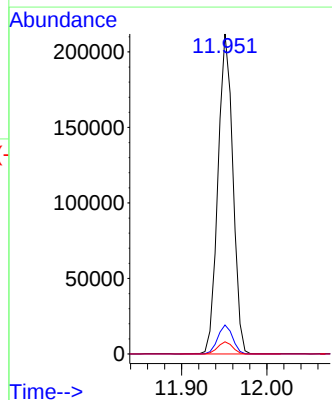
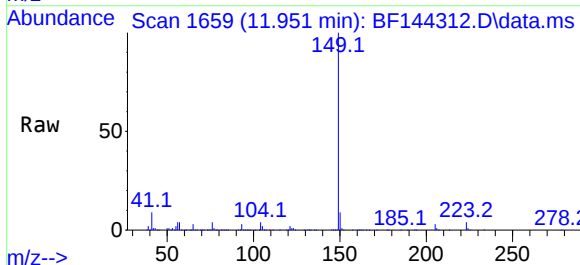
Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

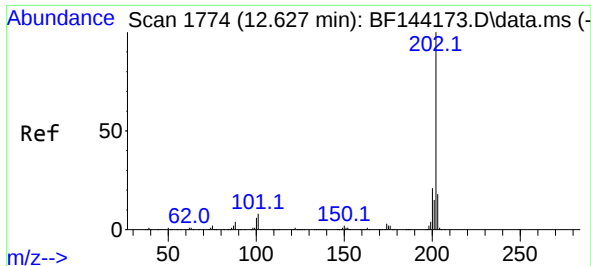
Tgt Ion:167 Resp: 214056
Ion Ratio Lower Upper
167 100
166 20.8 17.2 25.8
139 11.9 9.9 14.9



#74
Di-n-butylphthalate
Concen: 28.193 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion:149 Resp: 257793
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 3.8 3.4 5.2

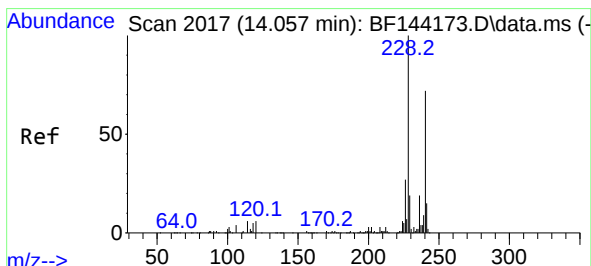
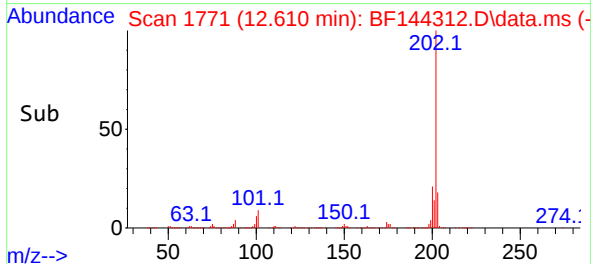
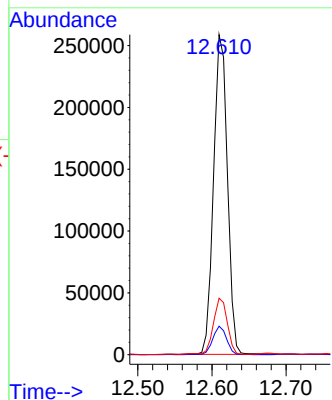
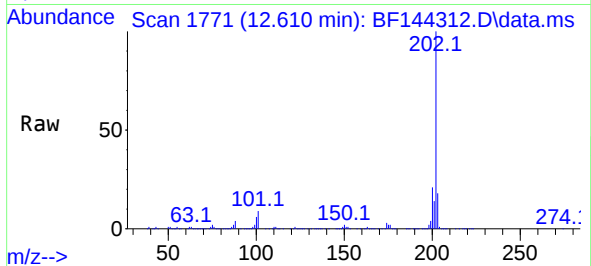




#75
Fluoranthene
Concen: 37.081 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

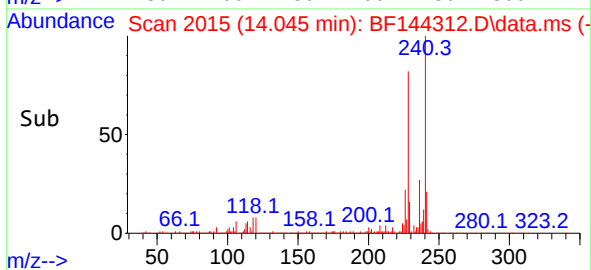
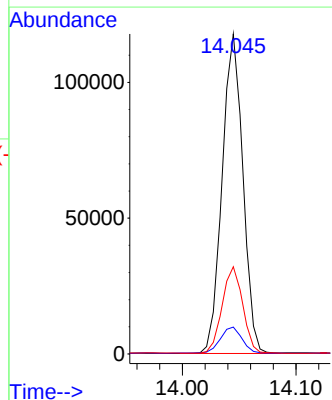
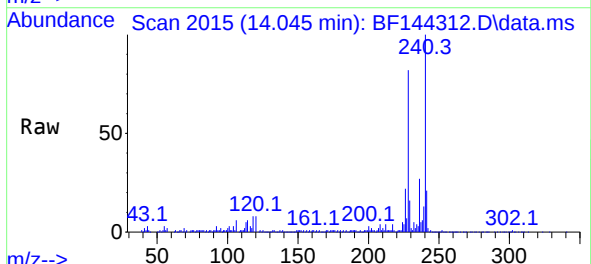
Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

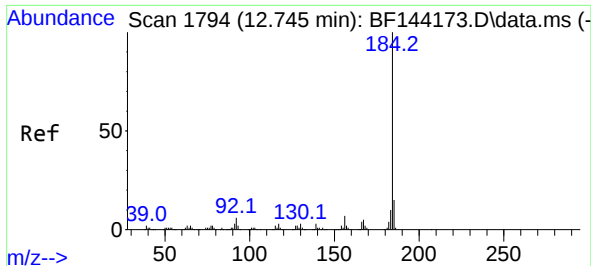
Tgt Ion:202 Resp: 335091
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.9
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion:240 Resp: 149533
Ion Ratio Lower Upper
240 100
120 8.4 6.6 10.0
236 27.2 21.4 32.2

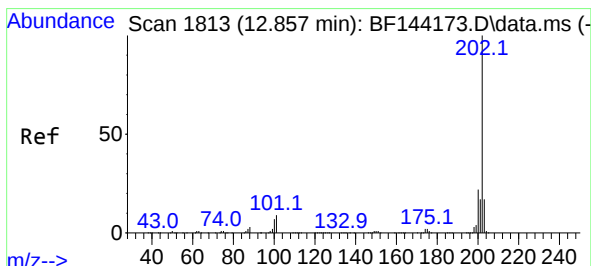
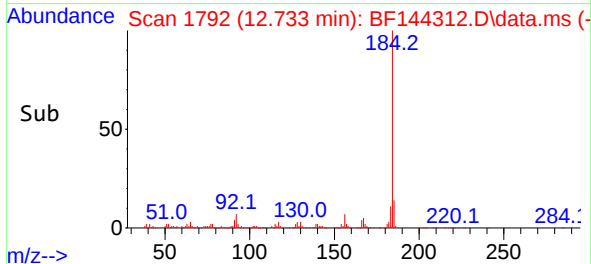
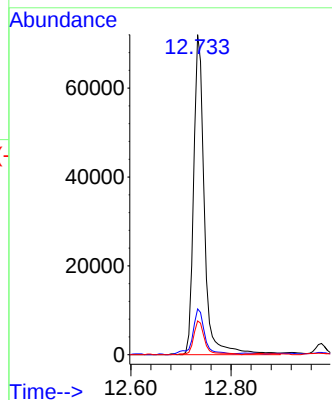
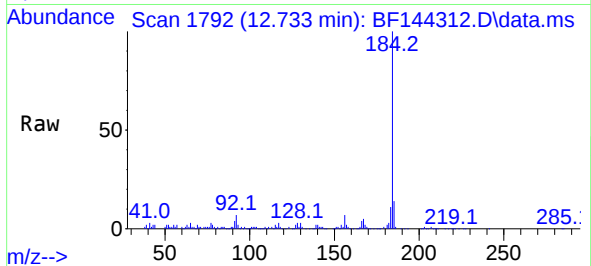




#77
Benzidine
Concen: 24.251 ng
RT: 12.733 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

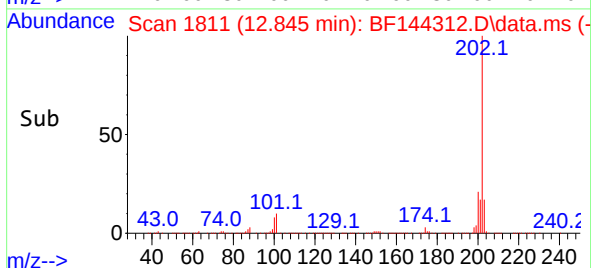
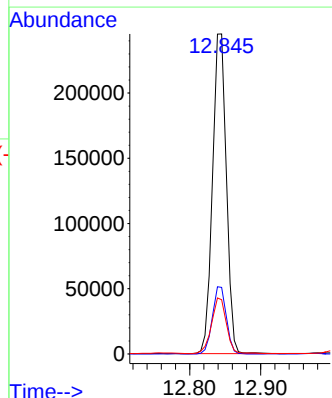
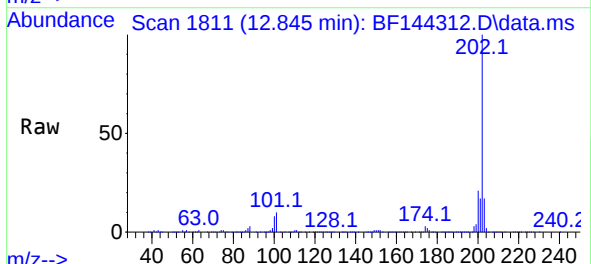
Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

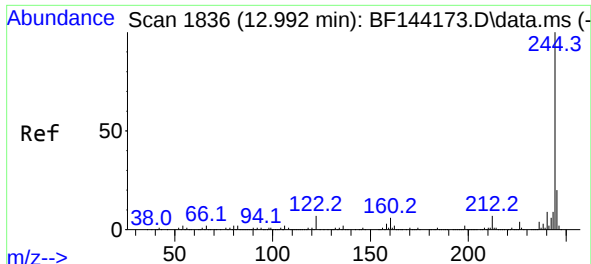
Tgt Ion:184 Resp: 107262
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 10.6 8.3 12.5



#78
Pyrene
Concen: 27.504 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion:202 Resp: 331610
Ion Ratio Lower Upper
202 100
200 20.8 17.2 25.8
203 16.9 13.7 20.5

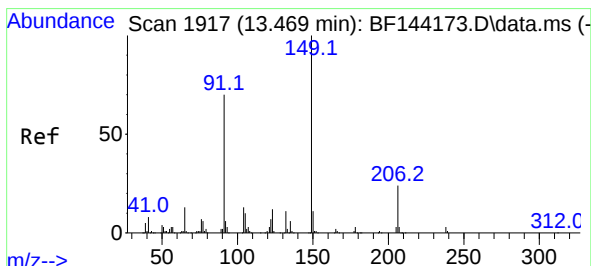
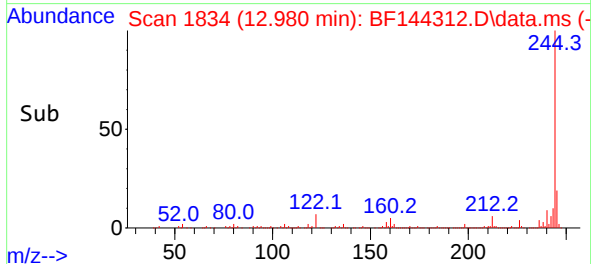
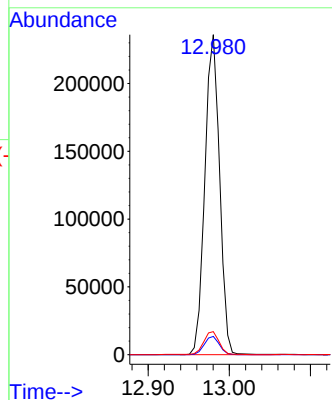
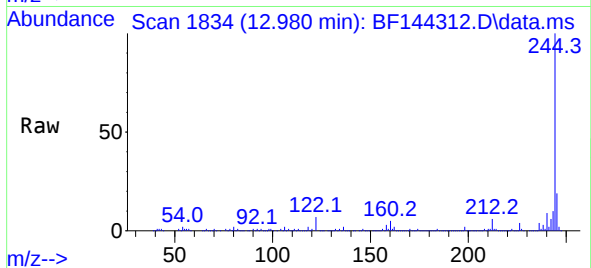




#79
 Terphenyl-d14
 Concen: 31.453 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144312.D
 Acq: 21 Nov 2025 17:20

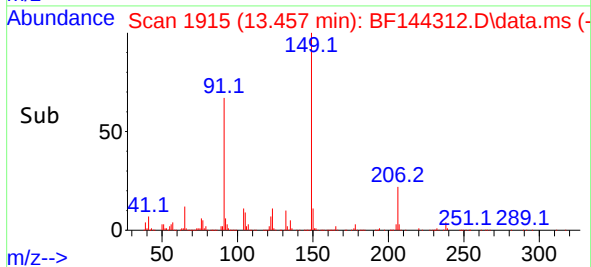
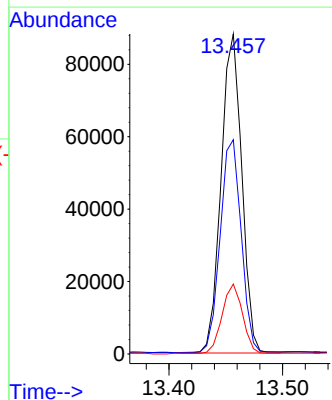
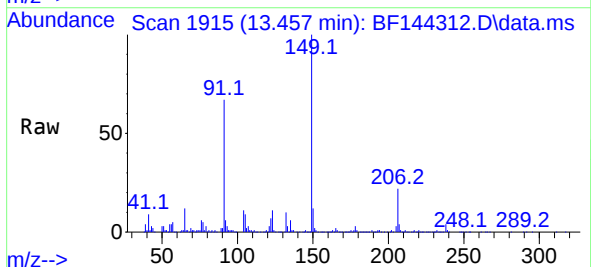
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-112025MSD

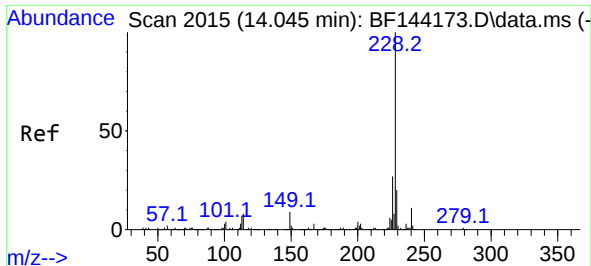
Tgt Ion:244 Resp: 296100
 Ion Ratio Lower Upper
 244 100
 212 5.7 5.3 7.9
 122 7.2 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 26.731 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144312.D
 Acq: 21 Nov 2025 17:20

Tgt Ion:149 Resp: 111703
 Ion Ratio Lower Upper
 149 100
 91 67.0 56.1 84.1
 206 21.9 18.8 28.2

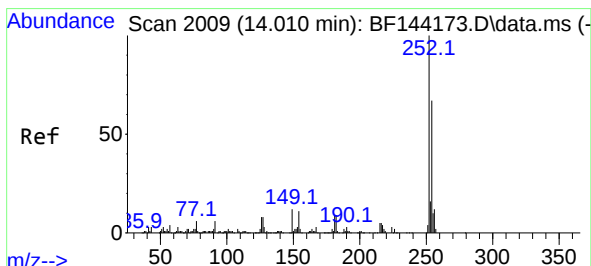
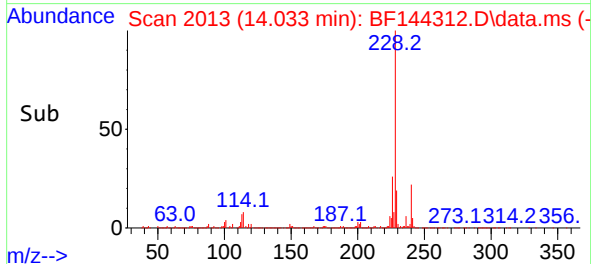
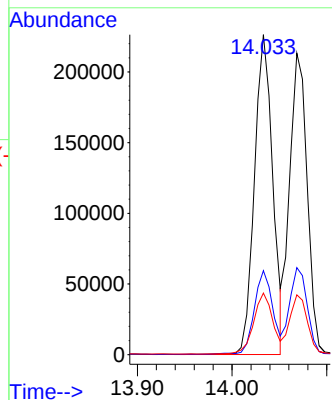
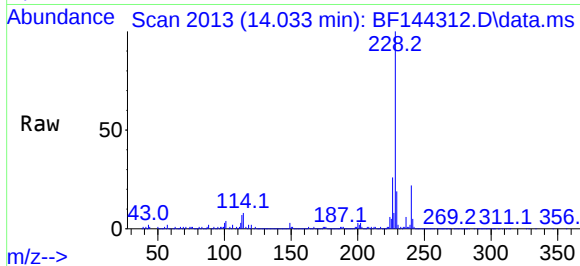




#81
Benzo(a)anthracene
Concen: 29.287 ng
RT: 14.033 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

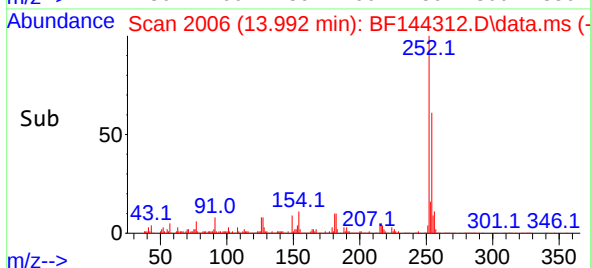
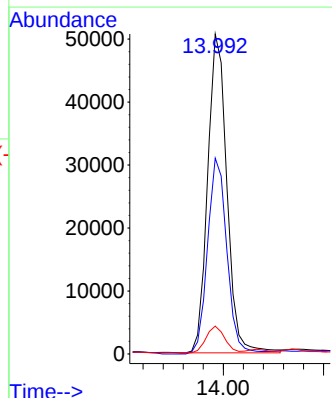
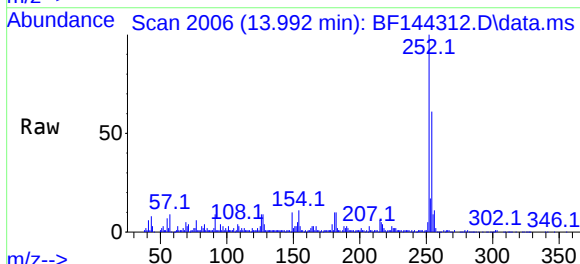
Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

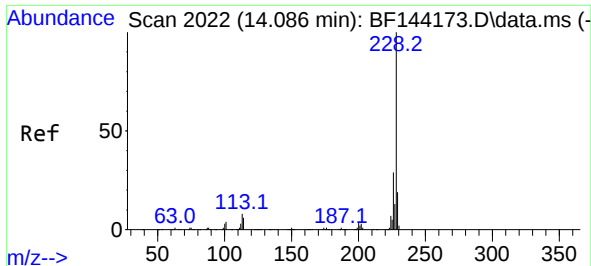
Tgt Ion:228 Resp: 303520
Ion Ratio Lower Upper
228 100
226 26.2 21.8 32.8
229 19.3 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 18.956 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion:252 Resp: 67341
Ion Ratio Lower Upper
252 100
254 61.2 53.5 80.3
126 8.7 6.4 9.6

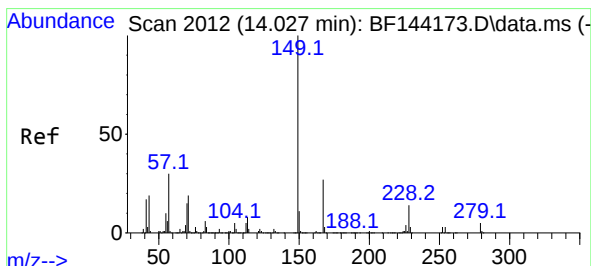
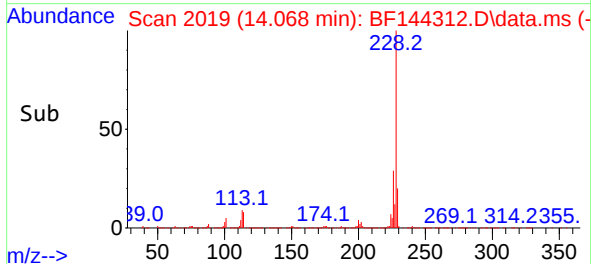
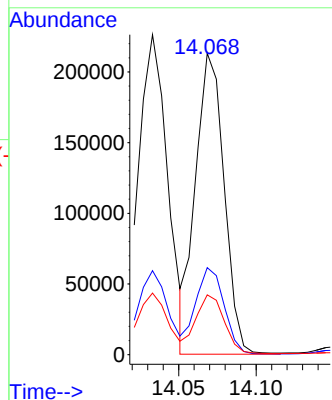
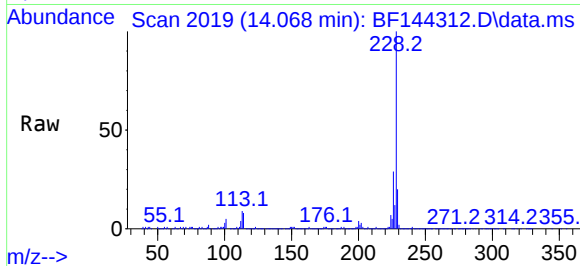




#83
Chrysene
Concen: 28.580 ng
RT: 14.068 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

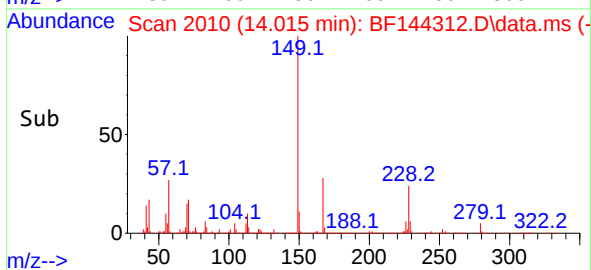
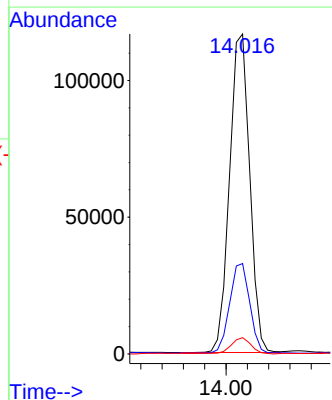
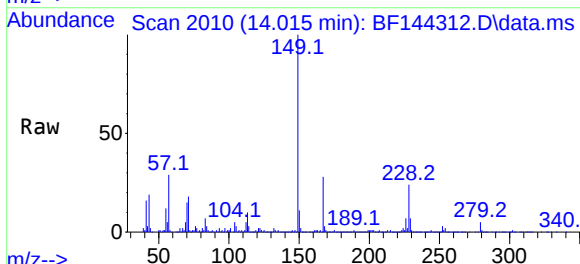
Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

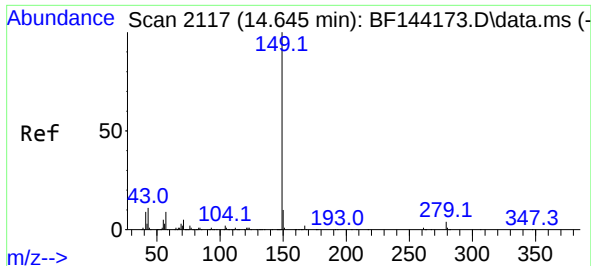
Tgt Ion:228 Resp: 273432
Ion Ratio Lower Upper
228 100
226 28.9 22.9 34.3
229 19.8 15.0 22.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 26.744 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion:149 Resp: 152989
Ion Ratio Lower Upper
149 100
167 28.3 21.8 32.8
279 5.1 3.7 5.5

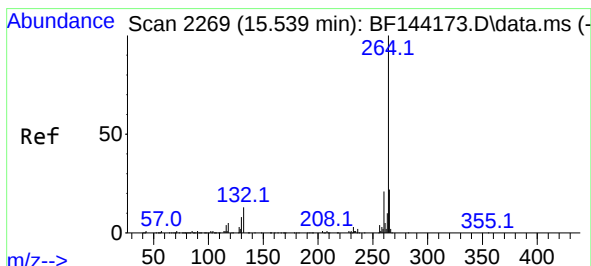
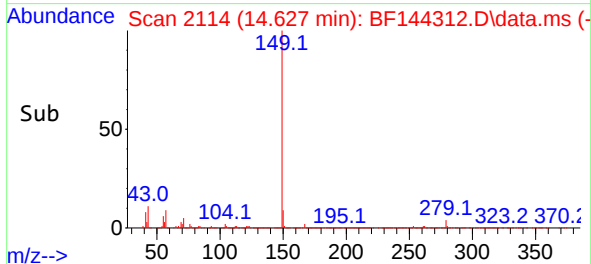
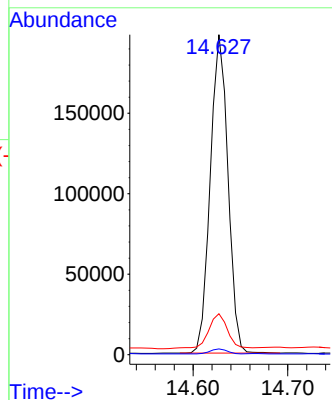
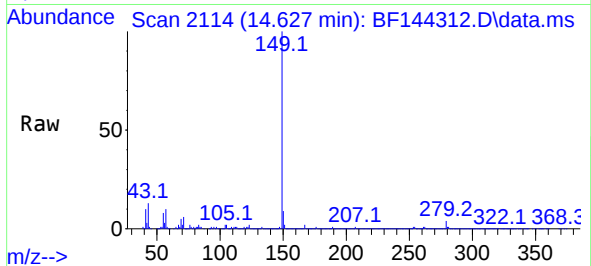




#85
Di-n-octyl phthalate
Concen: 26.028 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

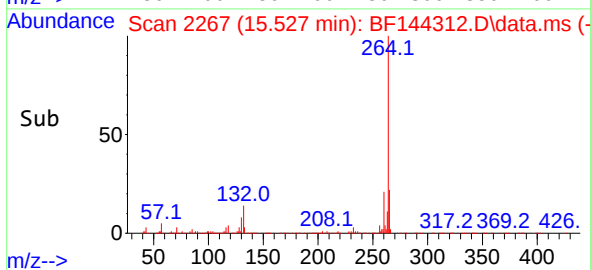
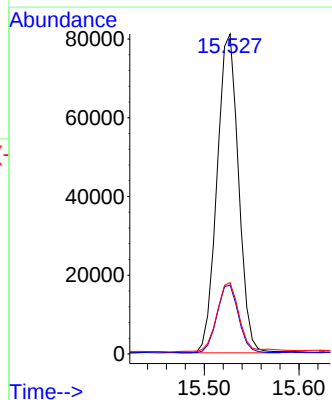
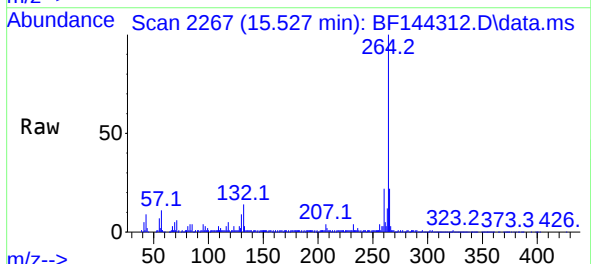
Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

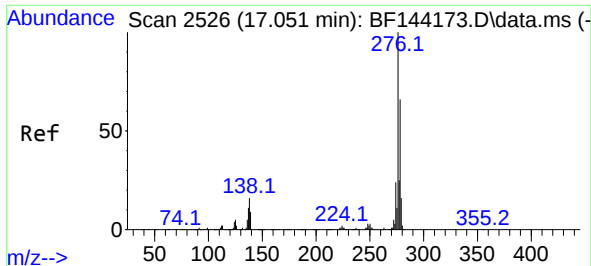
Tgt Ion:149 Resp: 256887
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.1 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion:264 Resp: 127773
Ion Ratio Lower Upper
264 100
260 21.6 17.1 25.7
265 22.3 17.4 26.0

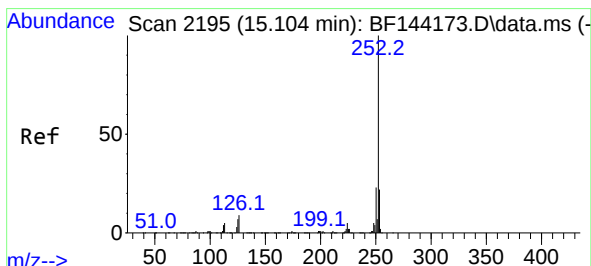
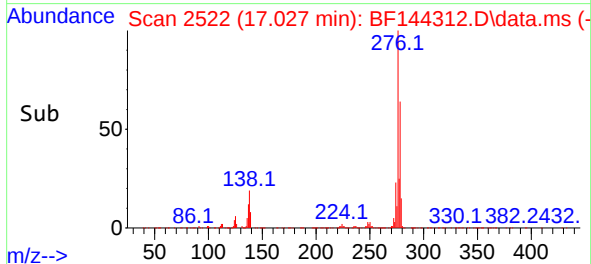
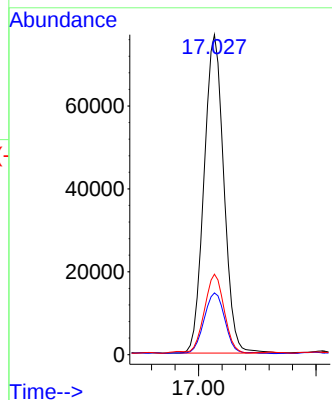
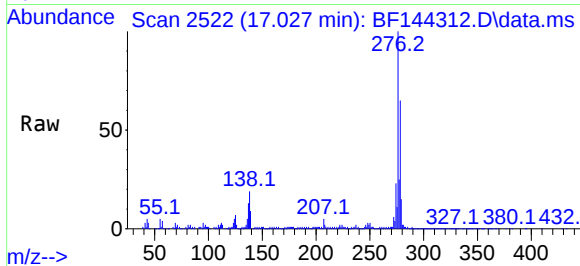




#87
Indeno(1,2,3-cd)pyrene
Concen: 19.581 ng
RT: 17.027 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

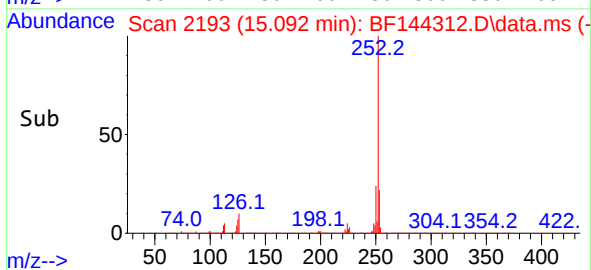
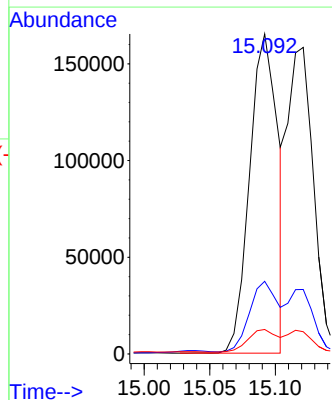
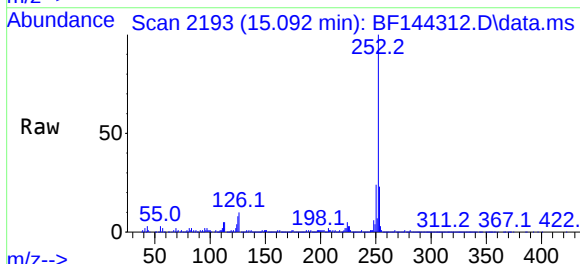
Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

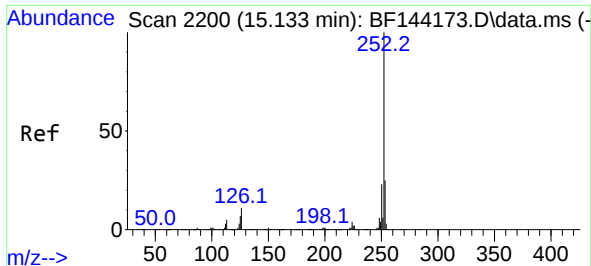
Tgt Ion:	276	Resp:	179596
Ion Ratio	Lower	Upper	
276	100		
138	19.9	13.9	20.9
277	24.5	19.8	29.6



#88
Benzo(b)fluoranthene
Concen: 33.798 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion:	252	Resp:	245514
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.2
125	7.7	5.3	7.9





#89

Benzo(k)fluoranthene

Concen: 31.810 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144312.D

Acq: 21 Nov 2025 17:20

Instrument :

BNA_F

ClientSampleId :

TR-06-112025MSD

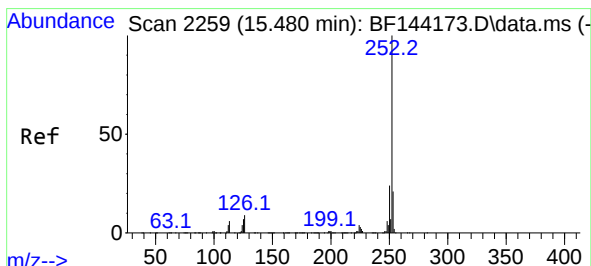
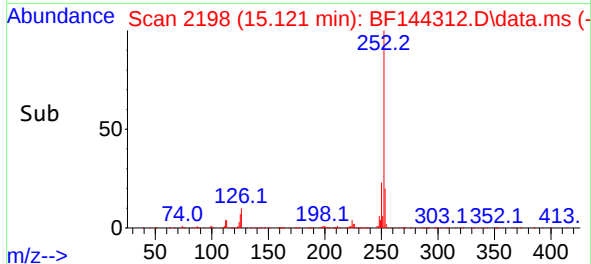
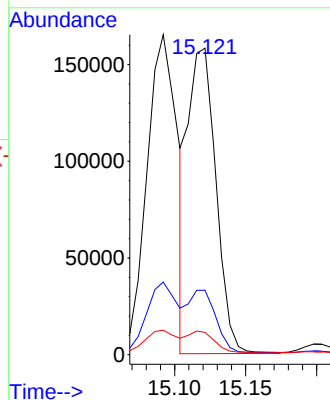
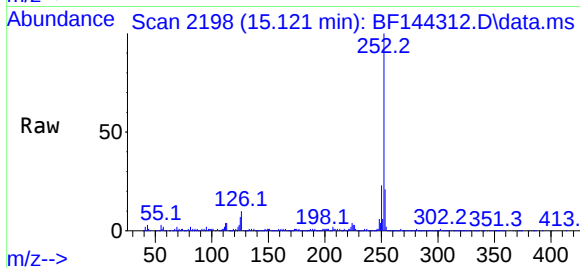
Tgt Ion:252 Resp: 216282

Ion Ratio Lower Upper

252 100

253 21.1 18.0 27.0

125 7.3 5.4 8.2



#90

Benzo(a)pyrene

Concen: 29.740 ng

RT: 15.462 min Scan# 2256

Delta R.T. -0.012 min

Lab File: BF144312.D

Acq: 21 Nov 2025 17:20

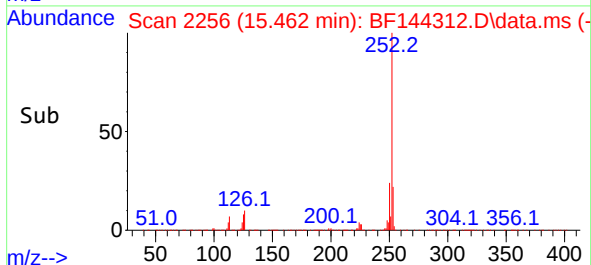
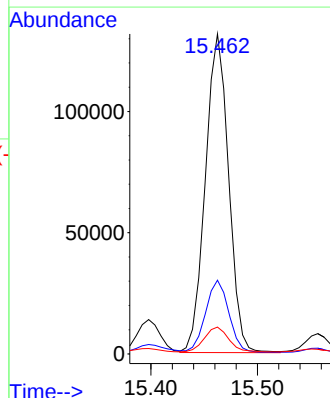
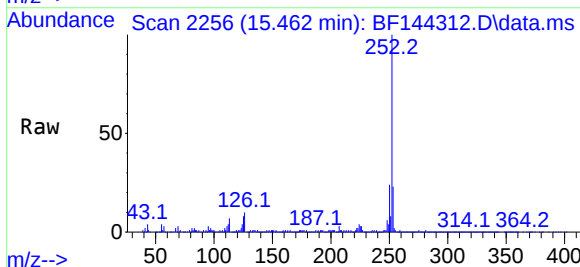
Tgt Ion:252 Resp: 199300

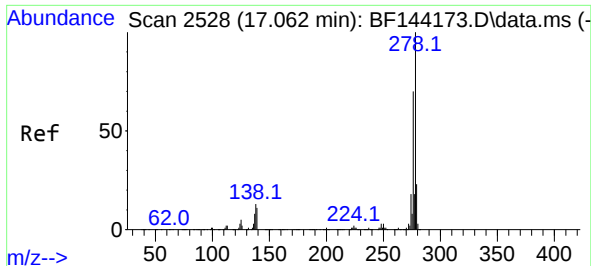
Ion Ratio Lower Upper

252 100

253 23.0 16.7 25.1

125 8.4 5.7 8.5

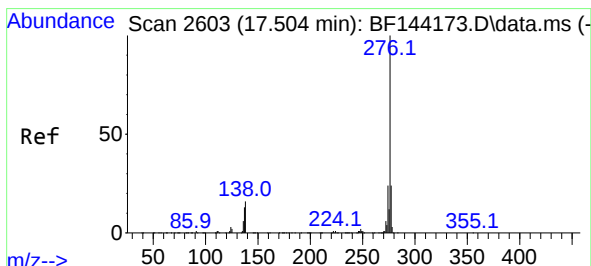
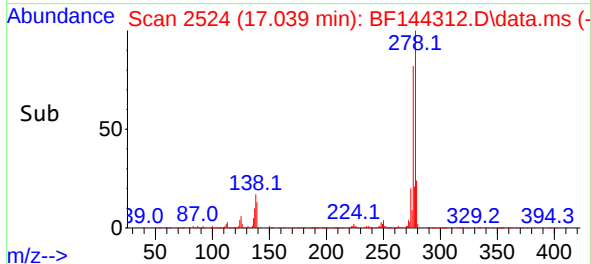
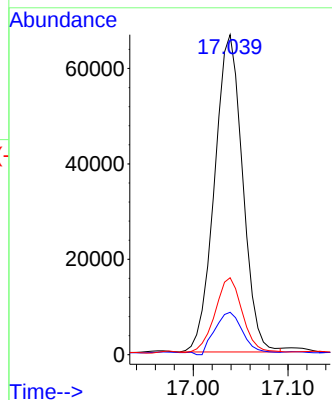
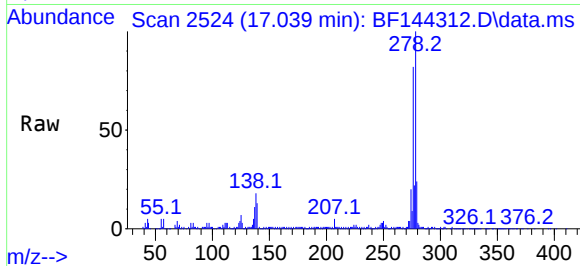




#91
Dibenzo(a,h)anthracene
Concen: 18.588 ng
RT: 17.039 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

Tgt Ion:278 Resp: 136924
Ion Ratio Lower Upper
278 100
139 13.3 9.1 13.7
279 24.1 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 19.729 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF144312.D
Acq: 21 Nov 2025 17:20

Tgt Ion:276 Resp: 143512
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.4
138 16.6 12.9 19.3

