

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143516.D
 Acq On : 21 Aug 2025 06:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Aug 21 07:07:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	137454	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	510568	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	274867	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	405205	20.000	ng	0.00
76) Chrysene-d12	14.098	240	245385	20.000	ng	0.00
86) Perylene-d12	15.592	264	295910	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	619031	78.639	ng	0.00
7) Phenol-d6	6.563	99	755494	77.747	ng	-0.01
23) Nitrobenzene-d5	7.487	82	701155	80.138	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	199460	77.956	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1278754	76.887	ng	0.00
79) Terphenyl-d14	13.033	244	1037790	73.802	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	146835	40.266	ng	99
3) Pyridine	3.516	79	391326	40.291	ng	99
4) n-Nitrosodimethylamine	3.457	42	174889	40.055	ng	99
6) Aniline	6.593	93	504423	38.836	ng	99
8) 2-Chlorophenol	6.716	128	339008	38.991	ng	99
9) Benzaldehyde	6.481	77	356360	45.296	ng	99
10) Phenol	6.581	94	443936	39.657	ng	97
11) bis(2-Chloroethyl)ether	6.657	93	327175	39.111	ng	100
12) 1,3-Dichlorobenzene	6.869	146	382483	39.153	ng	99
13) 1,4-Dichlorobenzene	6.945	146	380754	38.855	ng	99
14) 1,2-Dichlorobenzene	7.098	146	361970	39.014	ng	100
15) Benzyl Alcohol	7.069	79	291861	40.117	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	517064	38.635	ng	99
17) 2-Methylphenol	7.181	107	276576	39.635	ng	96
18) Hexachloroethane	7.440	117	130737	39.240	ng	96
19) n-Nitroso-di-n-propyla...	7.340	70	229547	38.648	ng	100
20) 3+4-Methylphenols	7.334	107	329524	39.557	ng	99
22) Acetophenone	7.334	105	431226	39.094	ng	100
24) Nitrobenzene	7.510	77	364218	40.446	ng	98
25) Isophorone	7.745	82	641626	40.006	ng	99
26) 2-Nitrophenol	7.822	139	185319	42.012	ng	96
27) 2,4-Dimethylphenol	7.863	122	269222	39.152	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	393788	39.952	ng	100
29) 2,4-Dichlorophenol	8.069	162	293101	39.911	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	300378	39.782	ng	99
31) Naphthalene	8.234	128	958228	39.092	ng	100
32) Benzoic acid	7.981	122	141499	37.591	ng	98
33) 4-Chloroaniline	8.275	127	339182	38.986	ng	98
34) Hexachlorobutadiene	8.351	225	196894	39.969	ng	100
35) Caprolactam	8.651	113	77185	43.799	ng	98
36) 4-Chloro-3-methylphenol	8.763	107	297282	40.394	ng	98
37) 2-Methylnaphthalene	8.922	142	635344	38.808	ng	100
38) 1-Methylnaphthalene	9.022	142	605817	38.685	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	310596	39.505	ng	99
41) Hexachlorocyclopentadiene	9.081	237	91199	33.894	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	192667	39.825	ng	99

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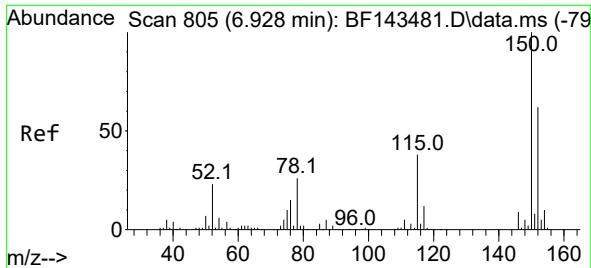
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	212240	40.163	ng	98
46) 1,1'-Biphenyl	9.386	154	758507	38.879	ng	99
47) 2-Chloronaphthalene	9.410	162	597936	39.061	ng	98
48) 2-Nitroaniline	9.504	65	182065	40.640	ng	98
49) Acenaphthylene	9.828	152	856096	39.059	ng	100
50) Dimethylphthalate	9.675	163	671826	40.583	ng	100
51) 2,6-Dinitrotoluene	9.745	165	141216	41.159	ng	99
52) Acenaphthene	9.998	154	565670	38.011	ng	99
53) 3-Nitroaniline	9.916	138	147101	39.678	ng	99
54) 2,4-Dinitrophenol	10.022	184	44950	28.170	ng	89
55) Dibenzofuran	10.169	168	825740	38.919	ng	98
56) 4-Nitrophenol	10.081	139	84274	38.203	ng	94
57) 2,4-Dinitrotoluene	10.151	165	187283	40.880	ng	99
58) Fluorene	10.516	166	625227	38.288	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	157108	40.017	ng	100
60) Diethylphthalate	10.381	149	613793	41.355	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	318396	38.987	ng	99
62) 4-Nitroaniline	10.528	138	134532	39.506	ng	97
63) Azobenzene	10.663	77	602578	39.155	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	85050	37.226	ng	98
66) n-Nitrosodiphenylamine	10.622	169	522417	40.062	ng	98
67) 4-Bromophenyl-phenylether	10.992	248	198971	41.154	ng	97
68) Hexachlorobenzene	11.069	284	209043	40.112	ng	100
69) Atrazine	11.145	200	153390	45.568	ng	99
70) Pentachlorophenol	11.263	266	90936	38.100	ng	100
71) Phenanthrene	11.480	178	851106	39.223	ng	99
72) Anthracene	11.528	178	860520	39.146	ng	99
73) Carbazole	11.680	167	697205	38.707	ng	99
74) Di-n-butylphthalate	12.010	149	751456	44.721	ng	100
75) Fluoranthene	12.669	202	726991	37.338	ng	99
77) Benzidine	12.786	184	233194	39.014	ng	99
78) Pyrene	12.898	202	723572	35.848	ng	100
80) Butylbenzylphthalate	13.504	149	241048	43.715	ng	97
81) Benzo(a)anthracene	14.086	228	612793	38.789	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	192601	42.571	ng	99
83) Chrysene	14.121	228	569457	40.110	ng	100
84) Bis(2-ethylhexyl)phtha...	14.069	149	353573	42.100	ng	100
85) Di-n-octyl phthalate	14.680	149	653491	42.003	ng	100
87) Indeno(1,2,3-cd)pyrene	17.127	276	829688	39.018	ng	100
88) Benzo(b)fluoranthene	15.151	252	671954	40.852	ng	99
89) Benzo(k)fluoranthene	15.180	252	596771	37.893	ng	100
90) Benzo(a)pyrene	15.533	252	613387	40.175	ng	100
91) Dibenzo(a,h)anthracene	17.139	278	670989	39.400	ng	99
92) Benzo(g,h,i)perylene	17.586	276	642548	37.945	ng	99

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

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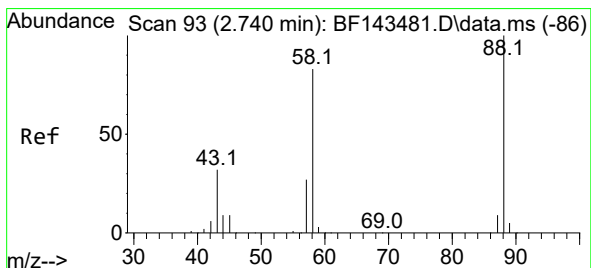
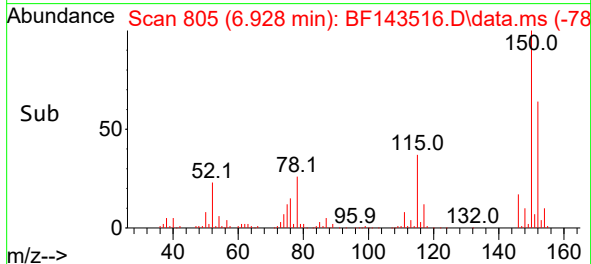
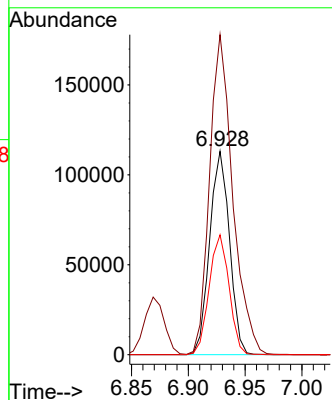
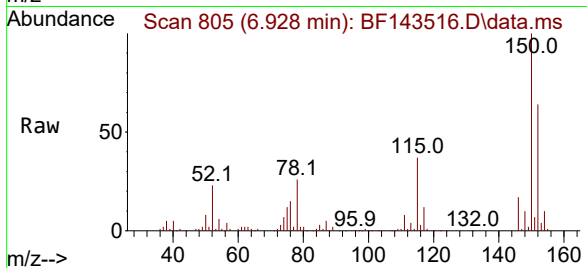




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF143516.D
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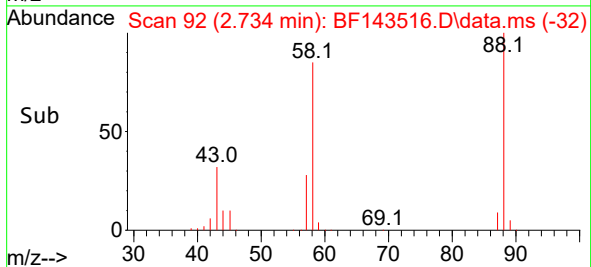
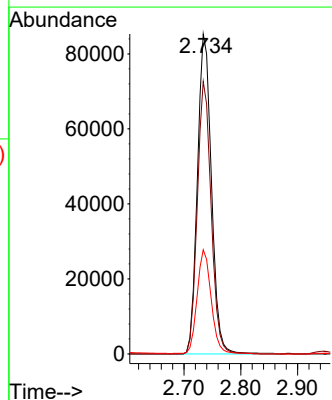
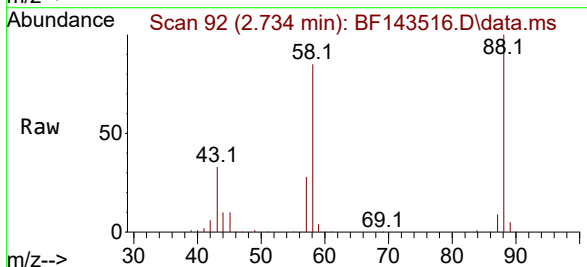
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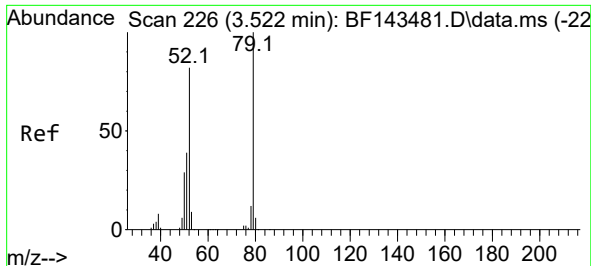
Tgt Ion:152 Resp: 137454
 Ion Ratio Lower Upper
 152 100
 150 157.3 128.9 193.3
 115 58.9 49.2 73.8



#2
 1,4-Dioxane
 Concen: 40.266 ng
 RT: 2.734 min Scan# 92
 Delta R.T. 0.000 min
 Lab File: BF143516.D
 Acq: 21 Aug 2025 06:44

Tgt Ion: 88 Resp: 146835
 Ion Ratio Lower Upper
 88 100
 58 84.0 66.7 100.1
 43 32.9 25.8 38.8





#3

Pyridine

Concen: 40.291 ng

RT: 3.516 min Scan# 215

Delta R.T. 0.000 min

Lab File: BF143516.D

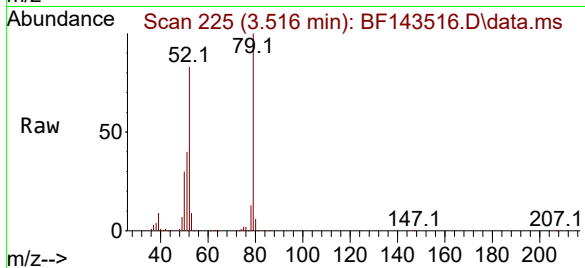
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ClientSampleId :

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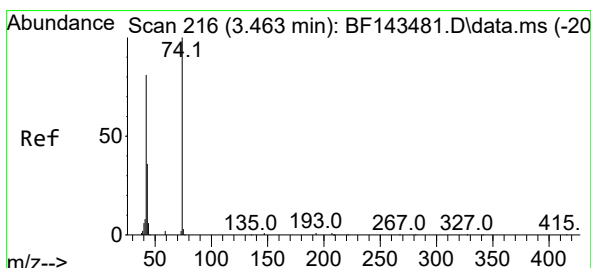
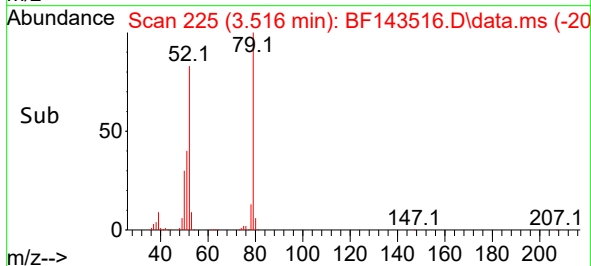
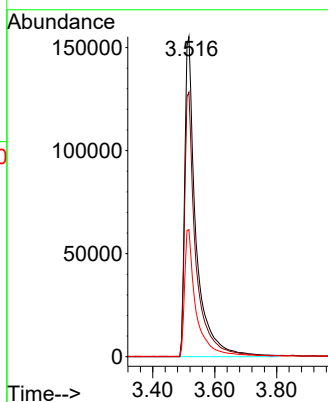
Tgt Ion: 79 Resp: 391326

Ion Ratio Lower Upper

79 100

52 82.7 65.6 98.4

51 39.7 31.2 46.8



#4

n-Nitrosodimethylamine

Concen: 40.055 ng

RT: 3.457 min Scan# 215

Delta R.T. -0.018 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

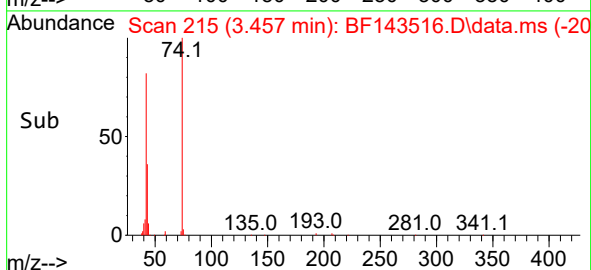
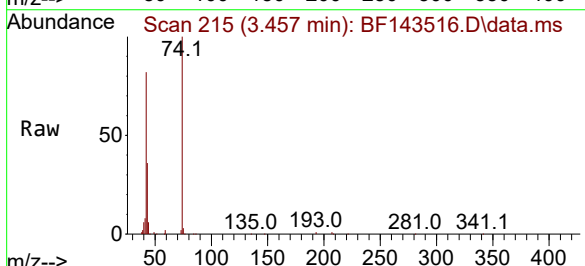
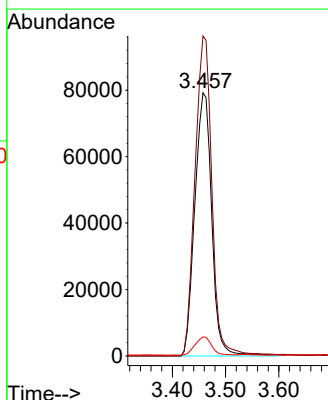
Tgt Ion: 42 Resp: 174889

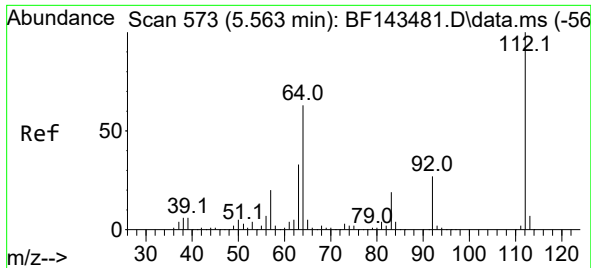
Ion Ratio Lower Upper

42 100

74 121.6 98.6 148.0

44 7.2 5.8 8.8

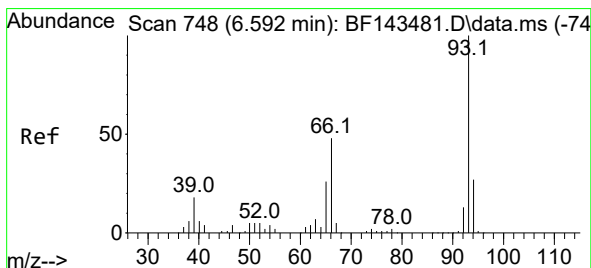
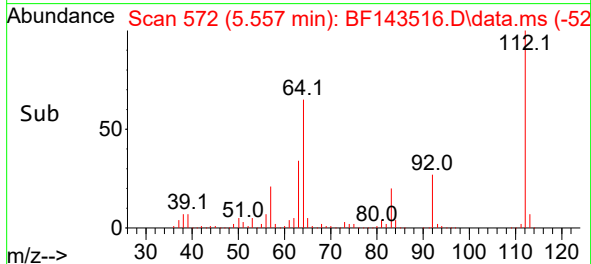
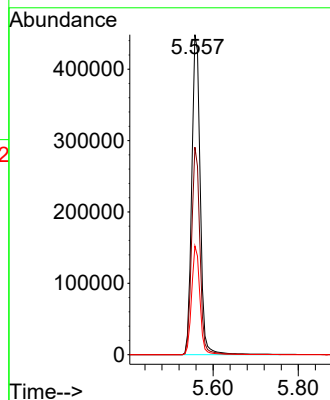
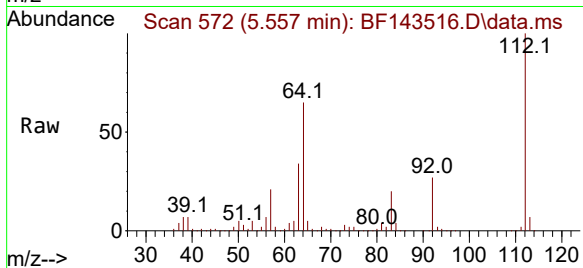




#5
2-Fluorophenol
Concen: 78.639 ng
RT: 5.557 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

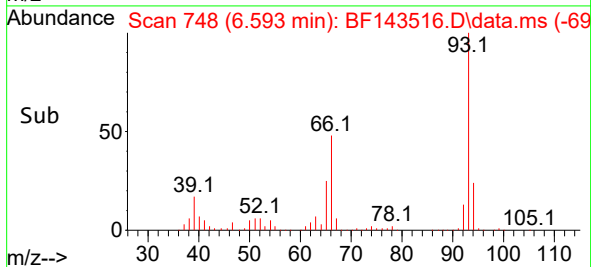
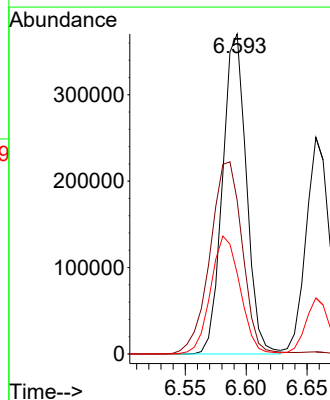
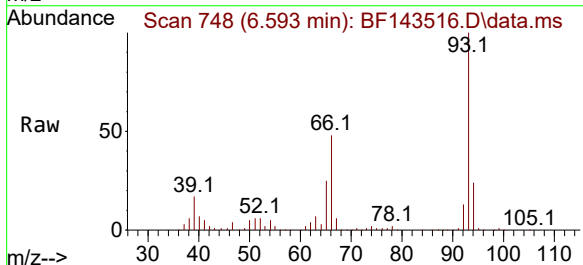
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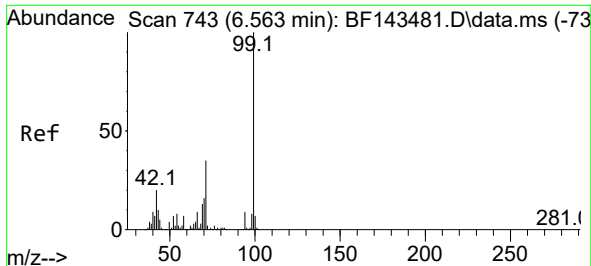
Tgt Ion:112 Resp: 619031
Ion Ratio Lower Upper
112 100
64 64.8 50.4 75.6
63 34.0 26.4 39.6



#6
Aniline
Concen: 38.836 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion: 93 Resp: 504423
Ion Ratio Lower Upper
93 100
66 48.0 38.9 58.3
65 25.2 20.6 30.8

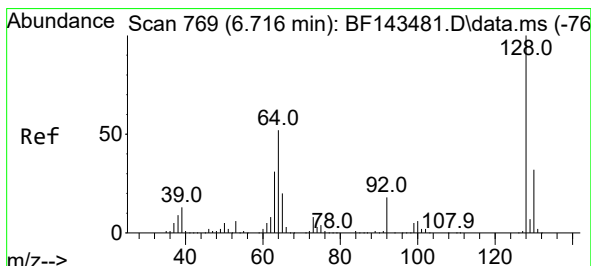
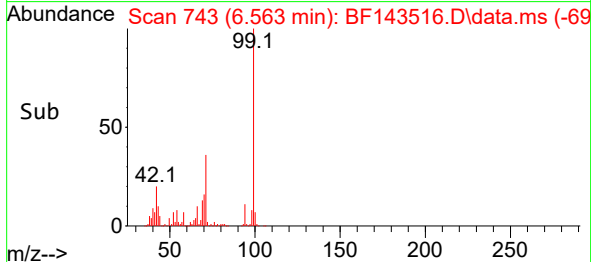
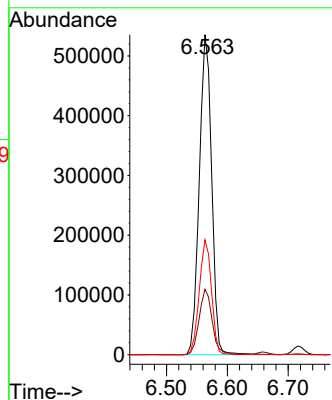
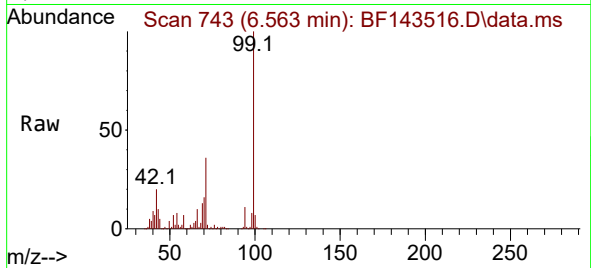




#7
Phenol-d6
Concen: 77.747 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

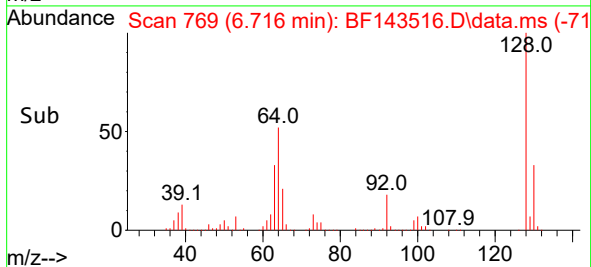
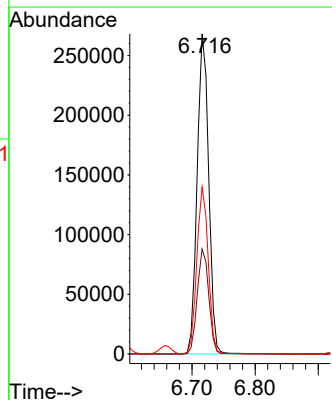
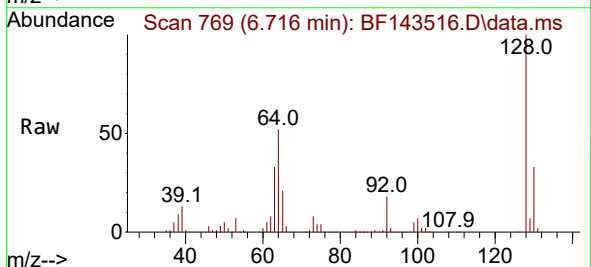
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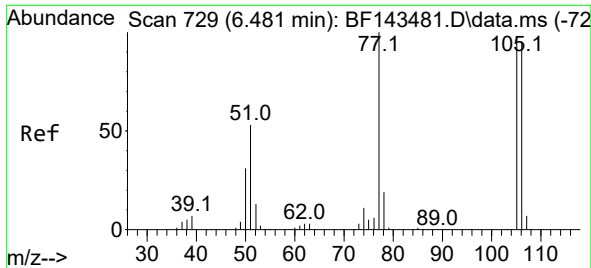
Tgt Ion: 99 Resp: 755494
Ion Ratio Lower Upper
99 100
42 20.5 16.3 24.5
71 35.9 28.2 42.2



#8
2-Chlorophenol
Concen: 38.991 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion: 128 Resp: 339008
Ion Ratio Lower Upper
128 100
130 32.8 12.4 52.4
64 52.2 31.6 71.6

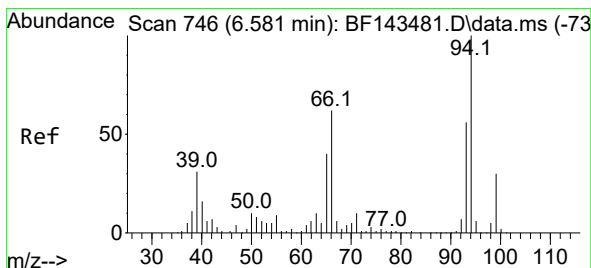
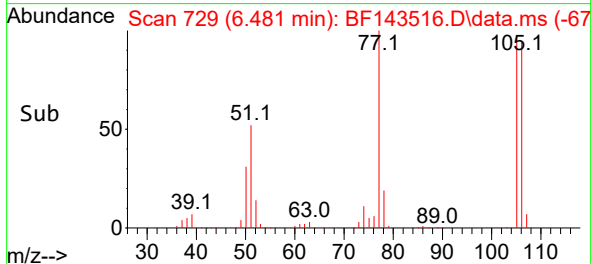
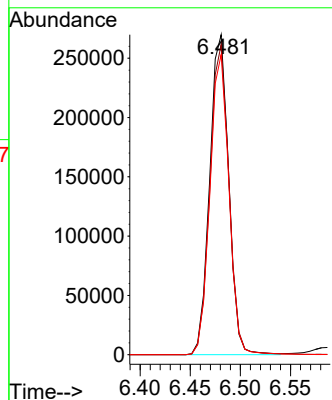
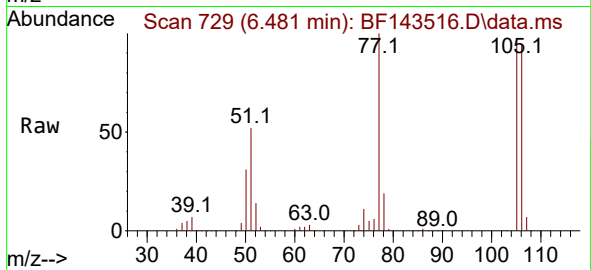




#9
Benzaldehyde
Concen: 45.296 ng
RT: 6.481 min Scan# 729
Delta R.T. -0.000 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

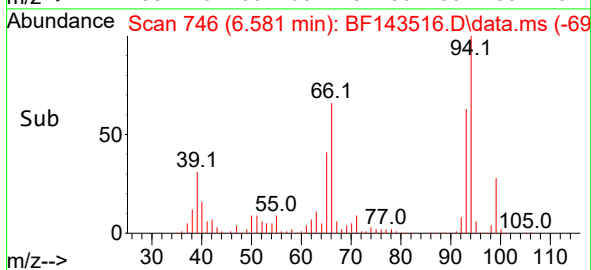
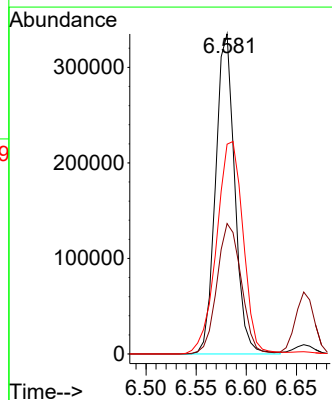
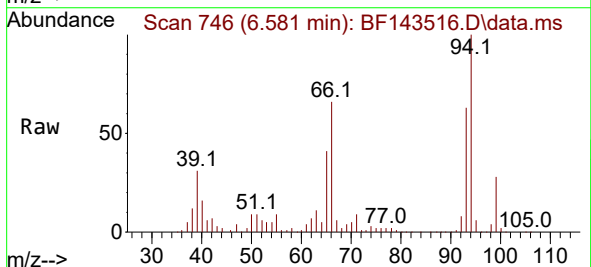
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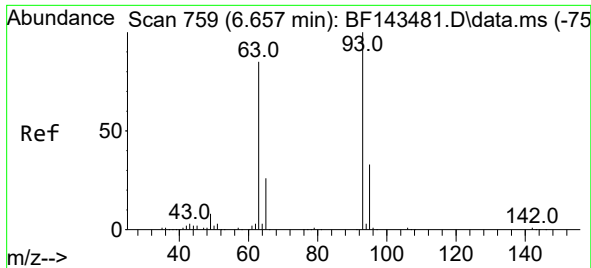
Tgt Ion: 77 Resp: 356360
Ion Ratio Lower Upper
77 100
105 96.9 78.1 118.1
106 93.8 74.9 114.9



#10
Phenol
Concen: 39.657 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 443936
Ion Ratio Lower Upper
94 100
65 40.8 19.5 59.5
66 65.5 42.5 82.5

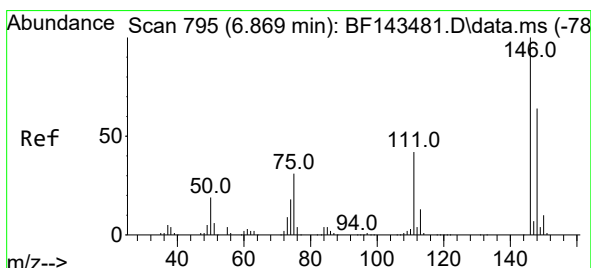
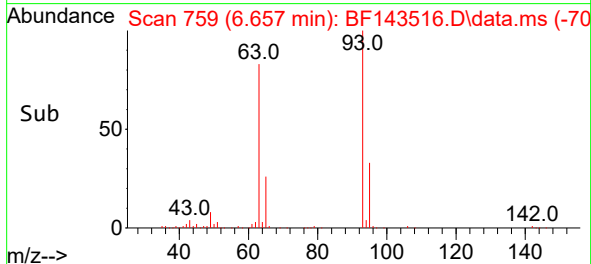
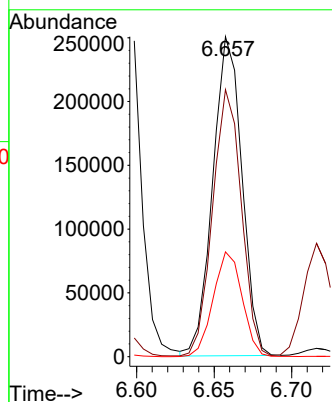
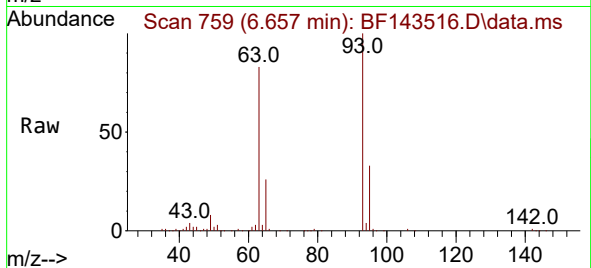




#11
bis(2-Chloroethyl)ether
Concen: 39.111 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

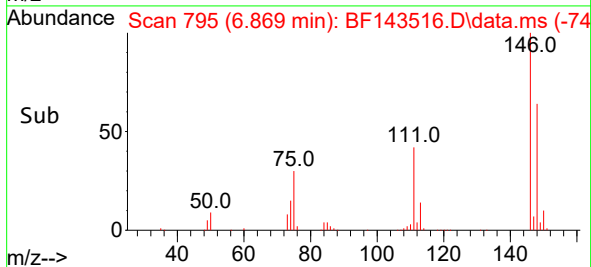
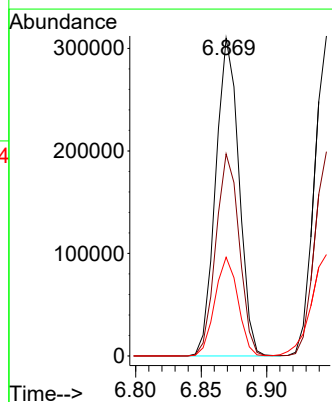
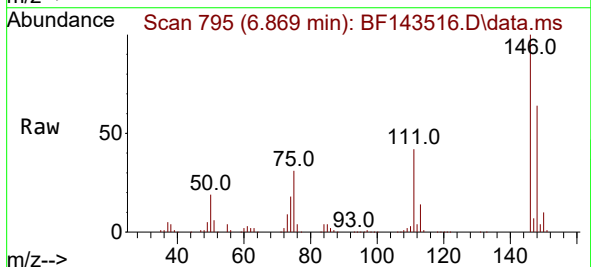
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

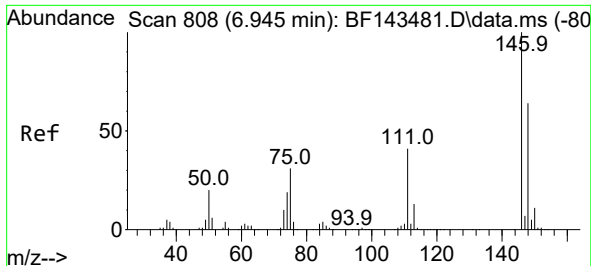
Tgt Ion: 93 Resp: 327175
Ion Ratio Lower Upper
93 100
63 83.5 63.6 103.6
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.153 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion: 146 Resp: 382483
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 31.1 24.7 37.1





#13

1,4-Dichlorobenzene

Concen: 38.855 ng

RT: 6.945 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

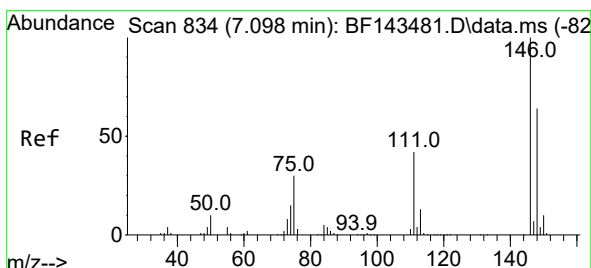
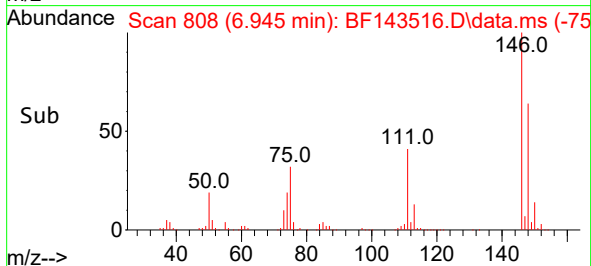
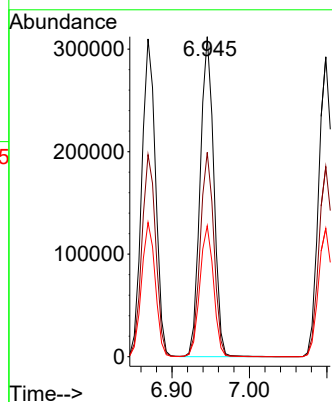
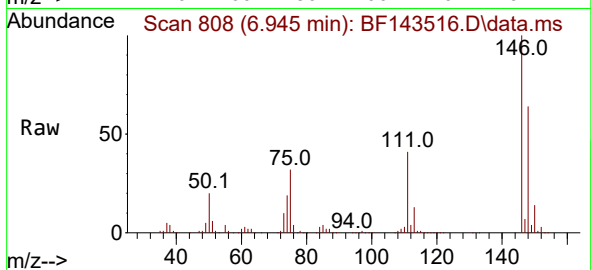
Tgt Ion:146 Resp: 380754

Ion Ratio Lower Upper

146 100

148 63.8 51.5 77.3

111 40.9 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 39.014 ng

RT: 7.098 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

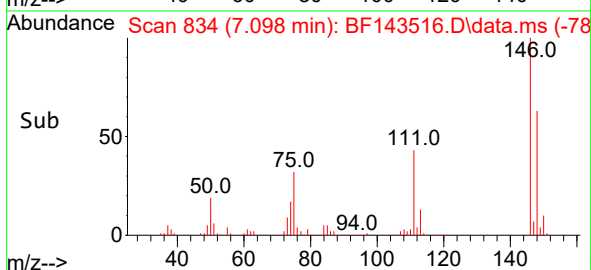
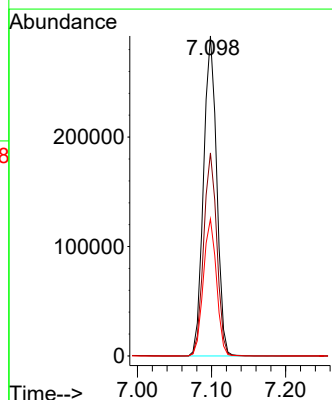
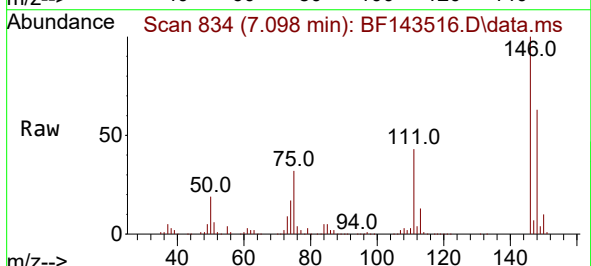
Tgt Ion:146 Resp: 361970

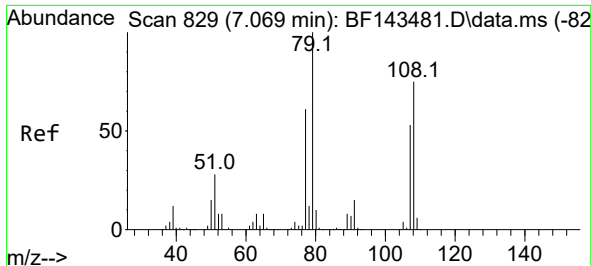
Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.6

111 42.8 34.0 51.0

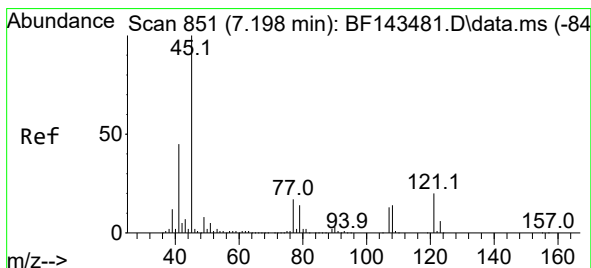
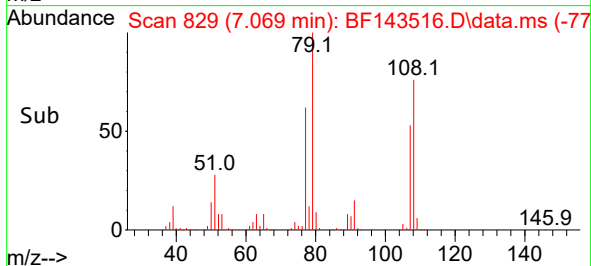
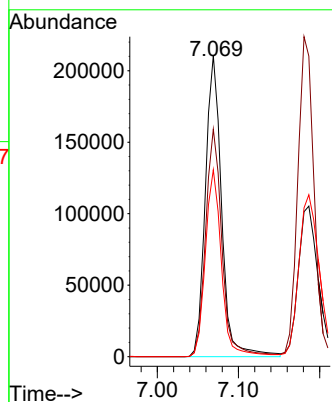
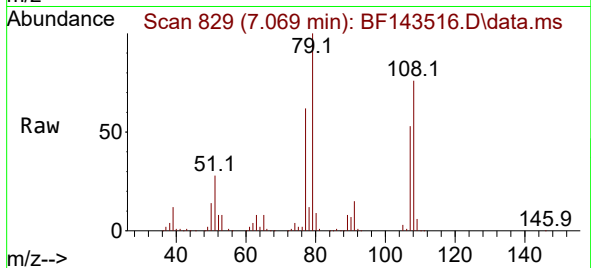




#15
Benzyl Alcohol
Concen: 40.117 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

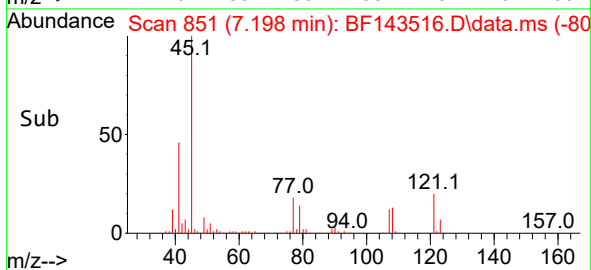
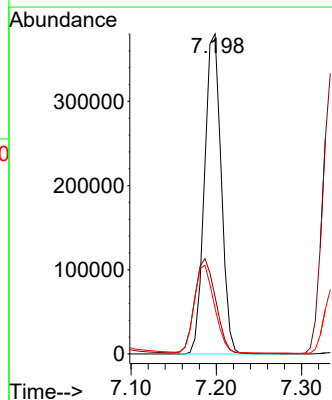
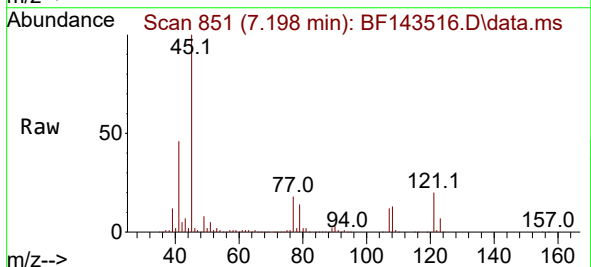
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

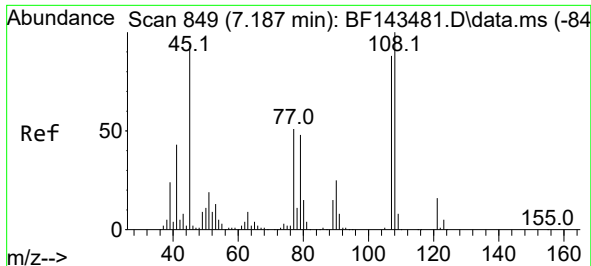
Tgt Ion: 79 Resp: 291861
Ion Ratio Lower Upper
79 100
108 75.5 59.8 89.6
77 62.0 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.635 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion: 45 Resp: 517064
Ion Ratio Lower Upper
45 100
77 17.9 0.0 37.9
79 14.2 0.0 34.7



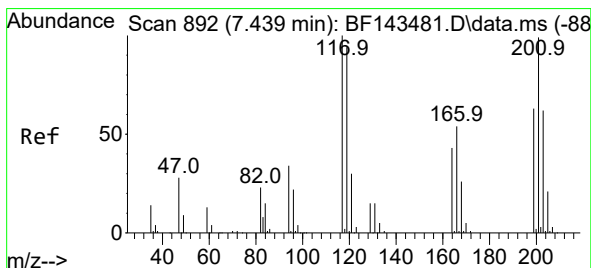
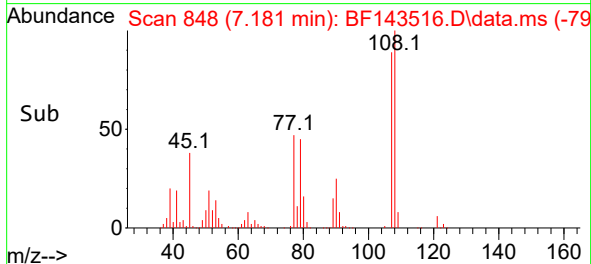
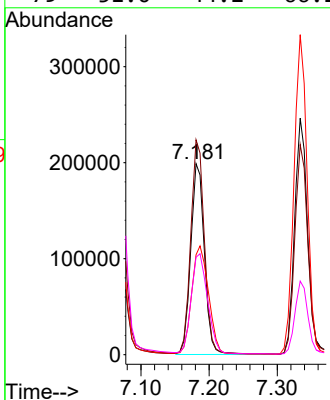
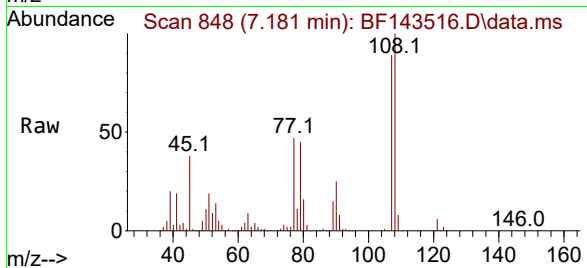


#17
2-Methylphenol
Concen: 39.635 ng
RT: 7.181 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 276576

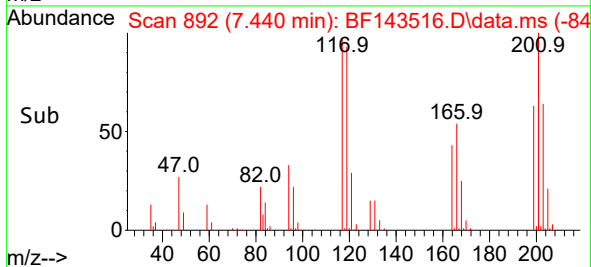
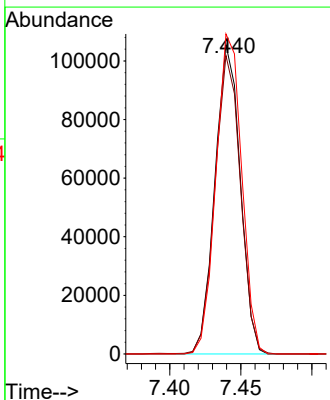
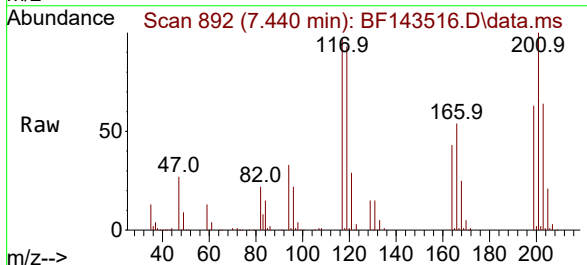
Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.1	136.7
77	52.3	46.2	69.4
79	51.0	44.2	66.2

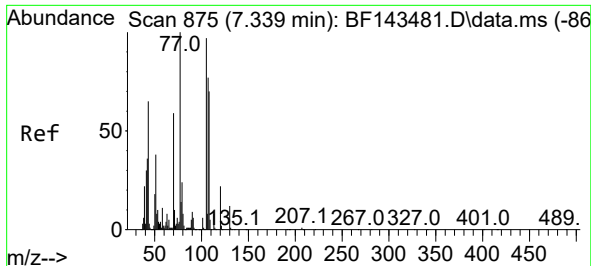


#18
Hexachloroethane
Concen: 39.240 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion:117 Resp: 130737

Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.4	113.0
201	103.5	79.0	118.4

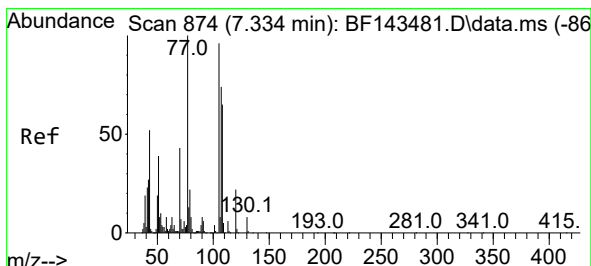
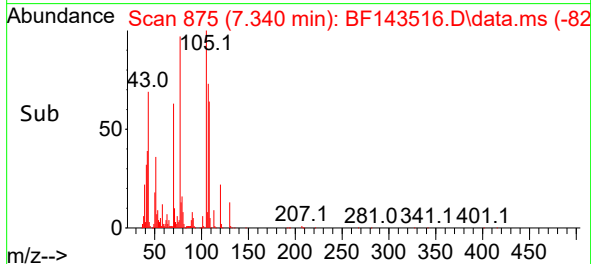
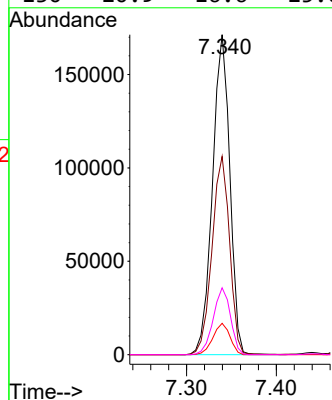
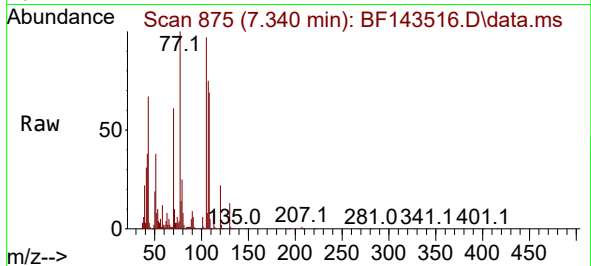




#19
n-Nitroso-di-n-propylamine
Concen: 38.648 ng
RT: 7.340 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

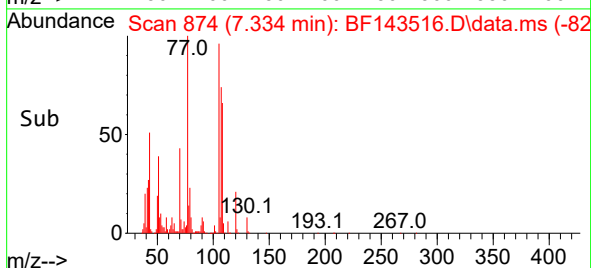
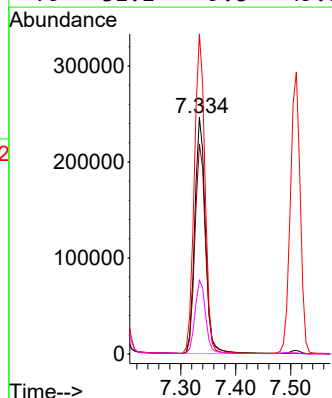
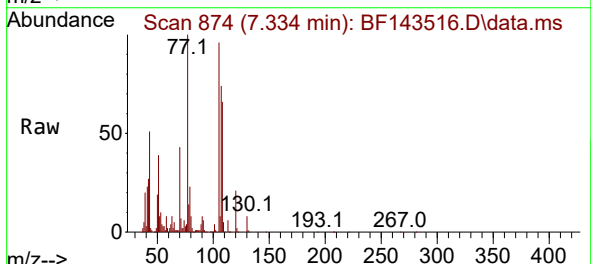
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

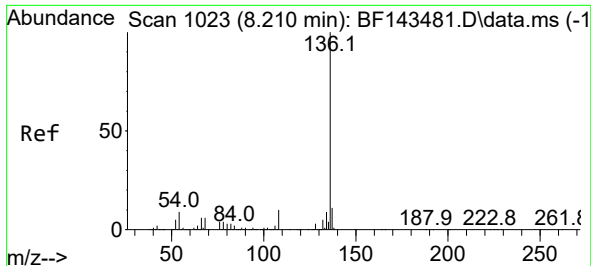
Tgt Ion: 70 Resp: 229547
Ion Ratio Lower Upper
70 100
42 61.9 49.3 73.9
101 9.8 7.8 11.8
130 20.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 39.557 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion: 107 Resp: 329524
Ion Ratio Lower Upper
107 100
108 88.8 68.4 108.4
77 135.3 116.1 156.1
79 31.1 9.8 49.8

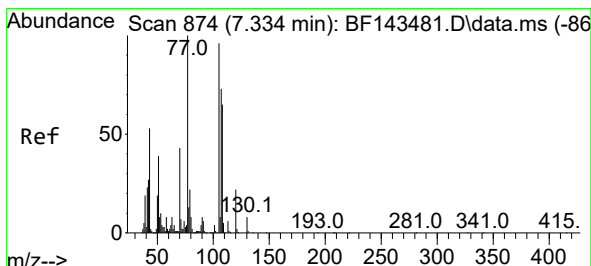
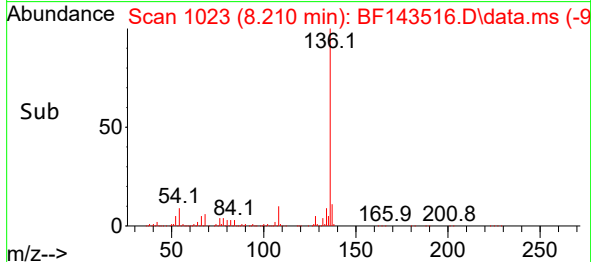
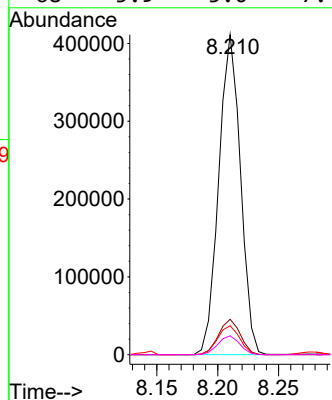
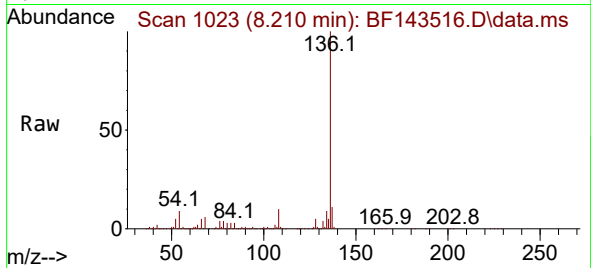




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

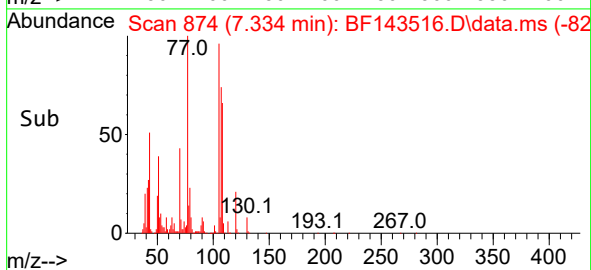
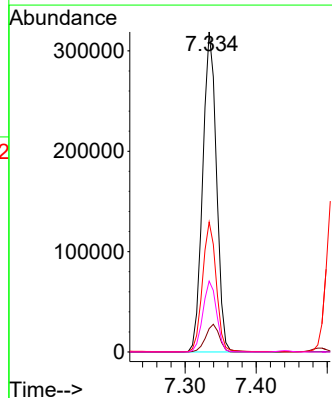
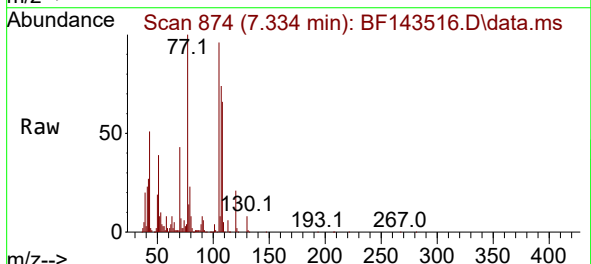
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

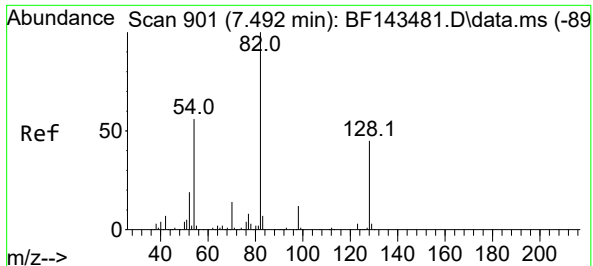
Tgt Ion:	136	Resp:	510568
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.4
54	9.1	7.4	11.2
68	5.9	5.0	7.4



#22
Acetophenone
Concen: 39.094 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion:	105	Resp:	431226
Ion Ratio	Lower	Upper	
105	100		
71	7.3	5.9	8.9
51	40.6	32.5	48.7
120	22.1	18.0	27.0





#23

Nitrobenzene-d5

Concen: 80.138 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

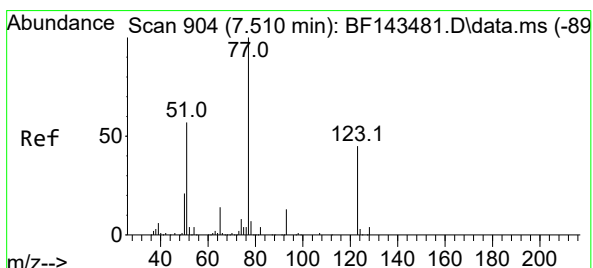
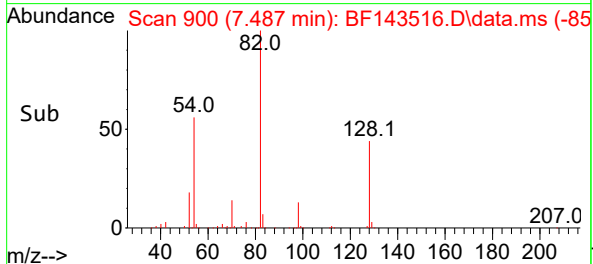
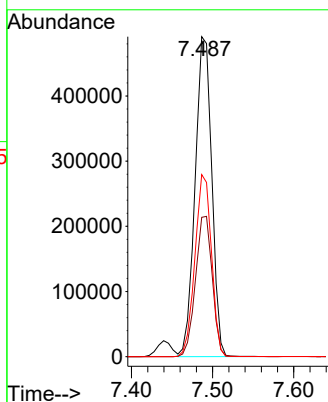
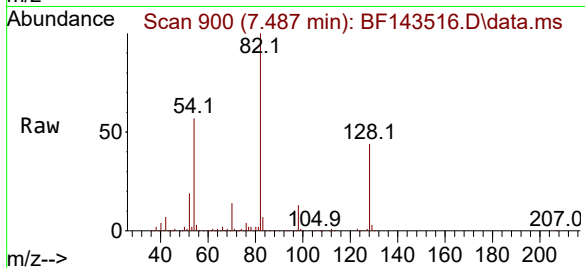
Tgt Ion: 82 Resp: 701155

Ion Ratio Lower Upper

82 100

128 43.5 35.5 53.3

54 56.9 44.3 66.5



#24

Nitrobenzene

Concen: 40.446 ng

RT: 7.510 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

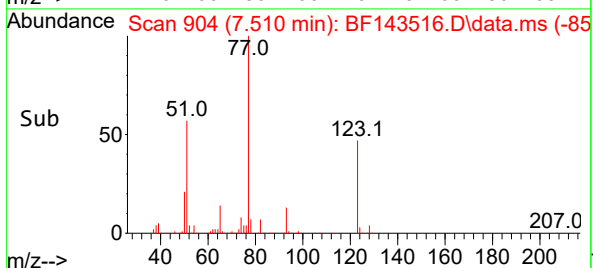
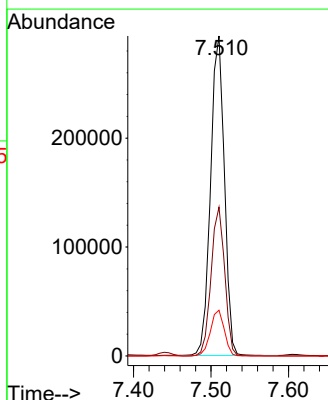
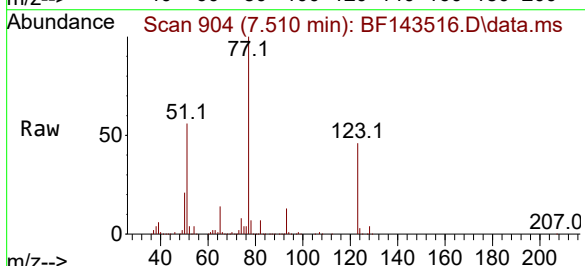
Tgt Ion: 77 Resp: 364218

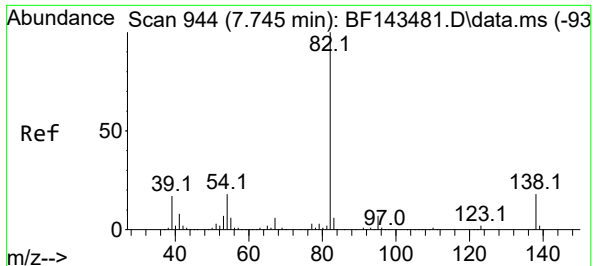
Ion Ratio Lower Upper

77 100

123 46.5 36.1 54.1

65 14.3 11.0 16.6

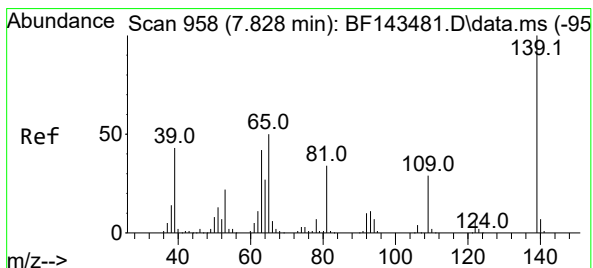
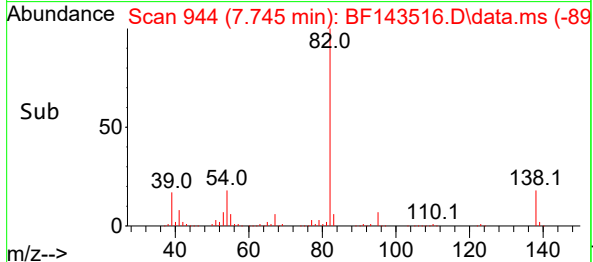
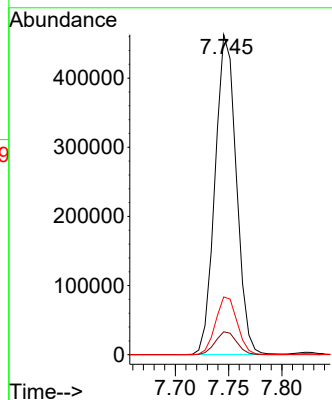
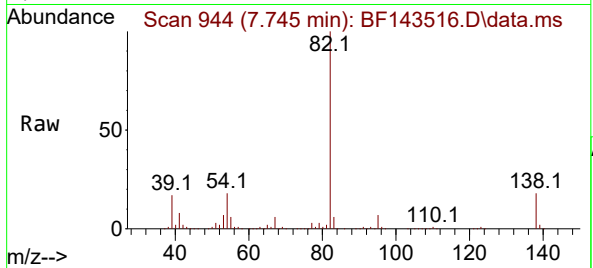




#25
Isophorone
Concen: 40.006 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.012 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

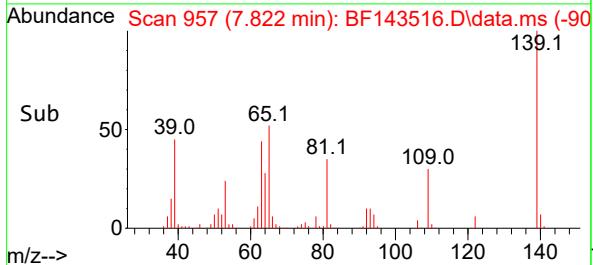
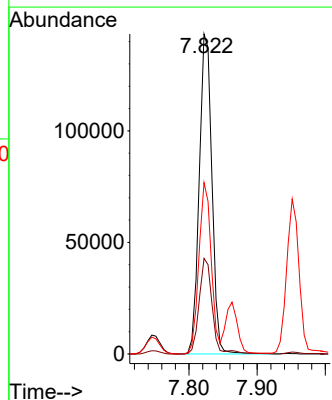
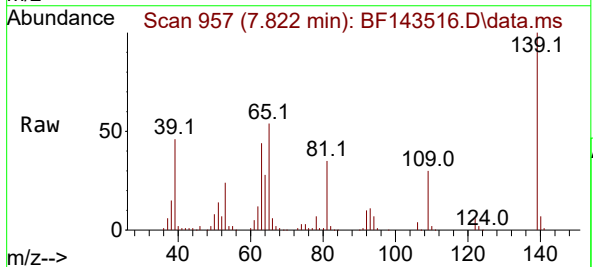
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

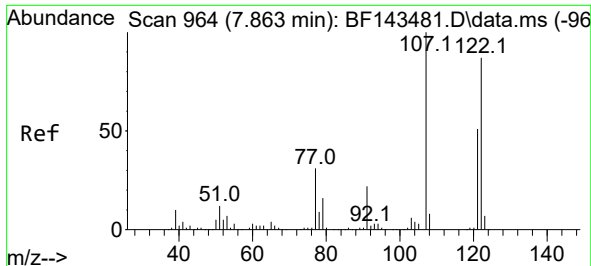
Tgt Ion: 82 Resp: 641626
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 18.0 14.2 21.4



#26
2-Nitrophenol
Concen: 42.012 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion:139 Resp: 185319
Ion Ratio Lower Upper
139 100
109 29.9 23.0 34.6
65 53.6 40.3 60.5

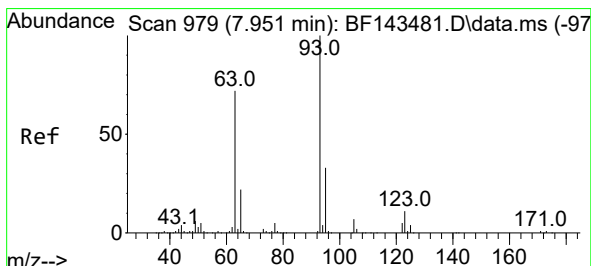
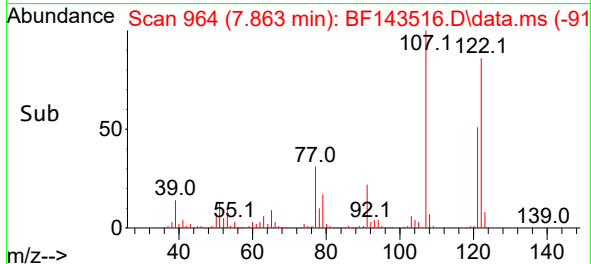
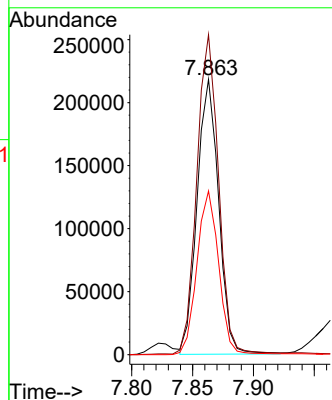
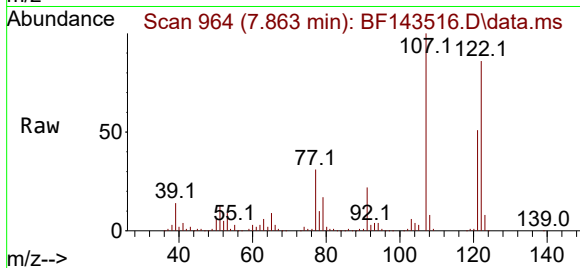




#27
2,4-Dimethylphenol
Concen: 39.152 ng
RT: 7.863 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

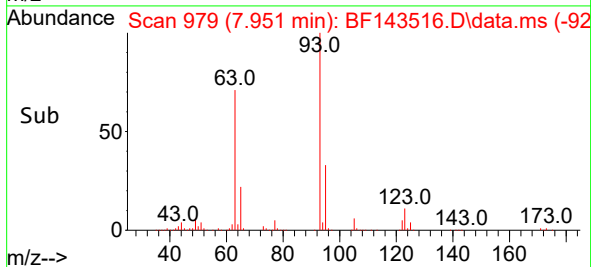
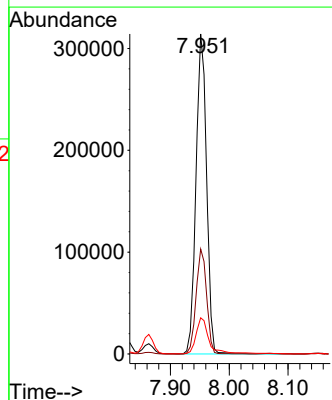
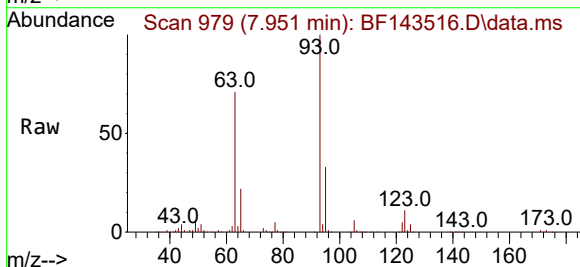
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

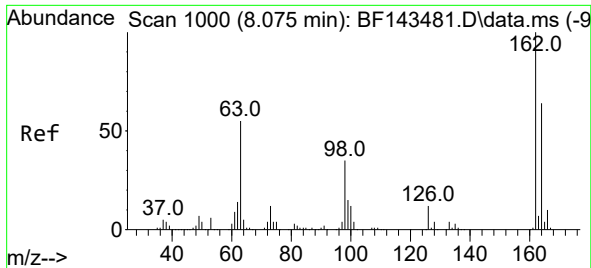
Tgt Ion:122 Resp: 269222
Ion Ratio Lower Upper
122 100
107 116.2 91.5 137.3
121 59.5 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.952 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion: 93 Resp: 393788
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.911 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

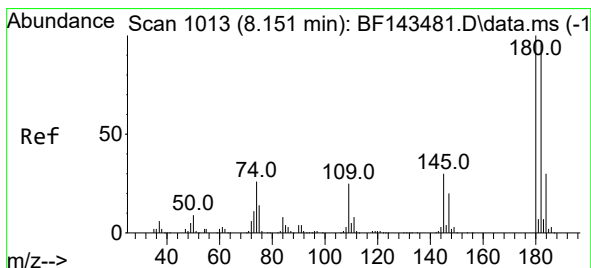
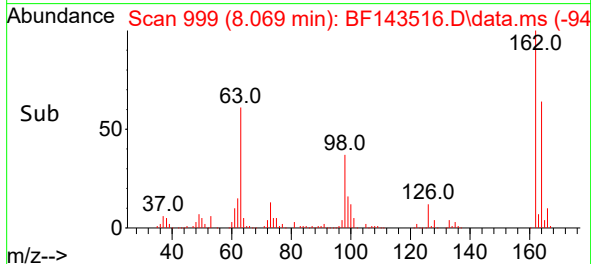
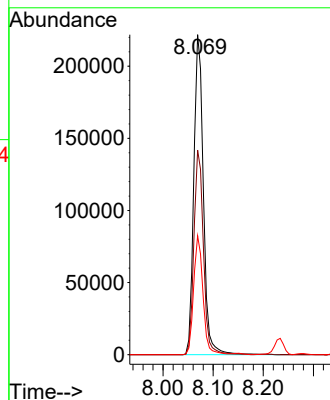
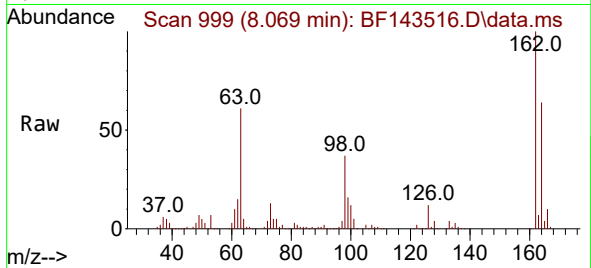
Tgt Ion:162 Resp: 293101

Ion Ratio Lower Upper

162 100

164 63.9 43.5 83.5

98 37.2 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 39.782 ng

RT: 8.151 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

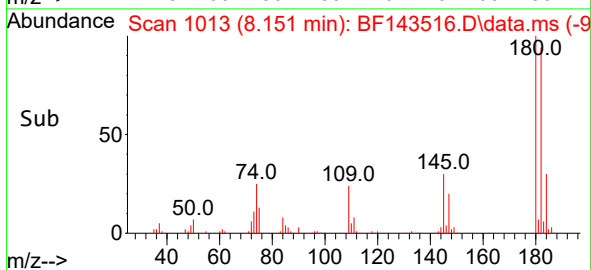
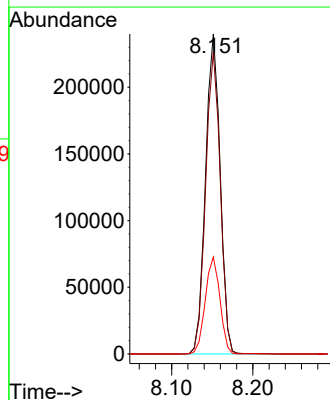
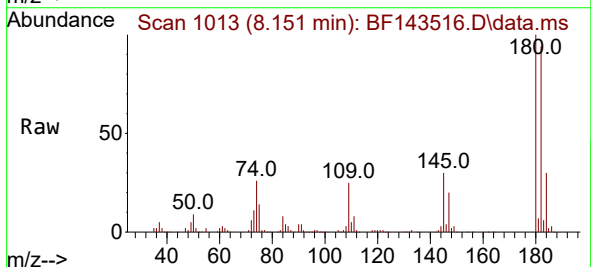
Tgt Ion:180 Resp: 300378

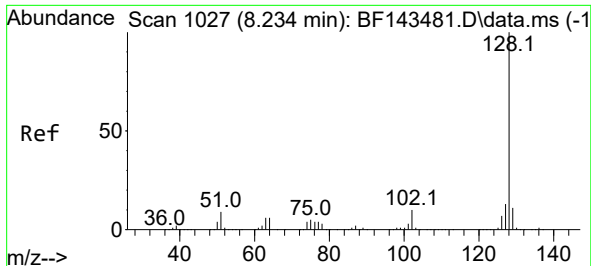
Ion Ratio Lower Upper

180 100

182 94.3 76.6 114.8

145 30.3 24.3 36.5

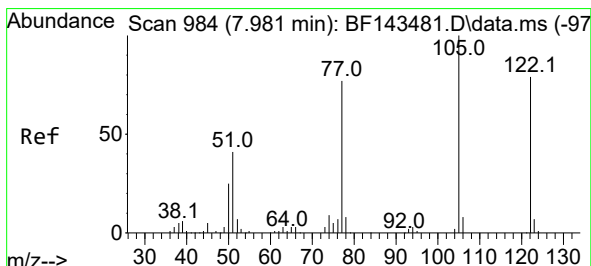
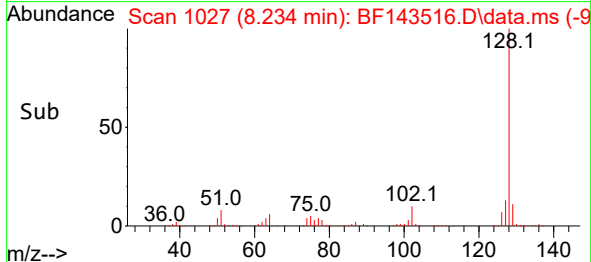
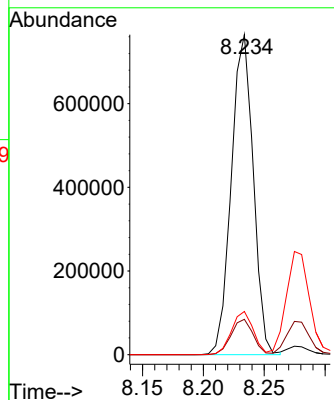
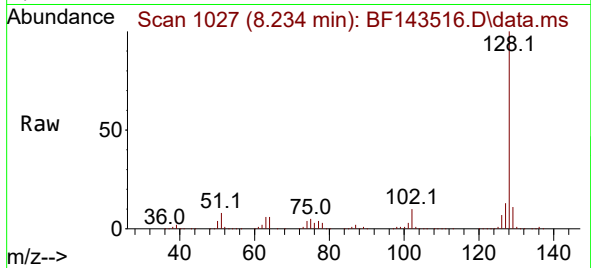




#31
Naphthalene
Concen: 39.092 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

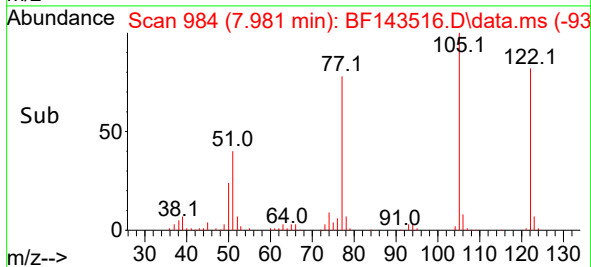
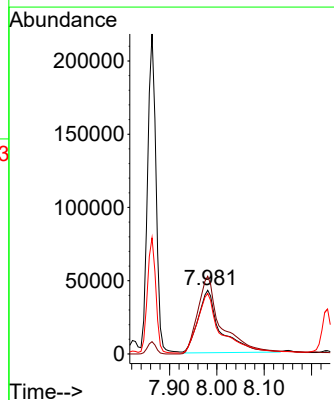
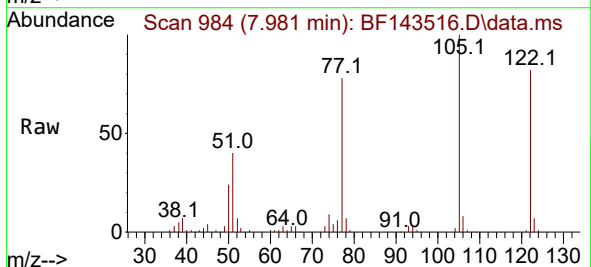
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

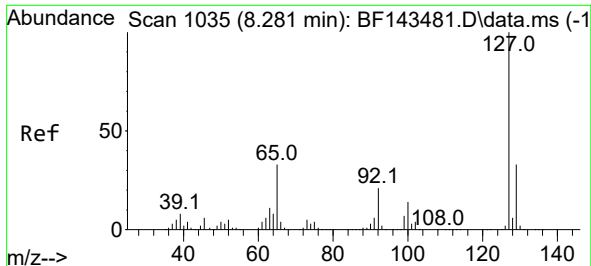
Tgt Ion:128 Resp: 958228
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 37.591 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.029 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion:122 Resp: 141499
Ion Ratio Lower Upper
122 100
105 122.1 104.7 144.7
77 94.9 77.3 117.3

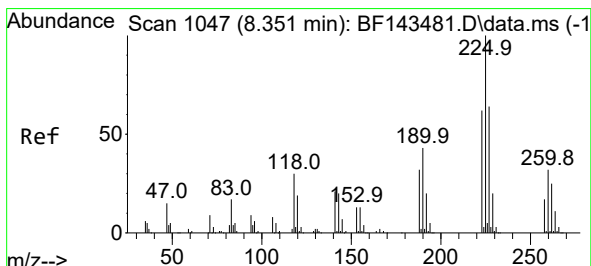
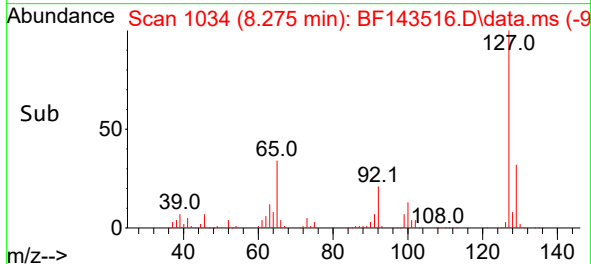
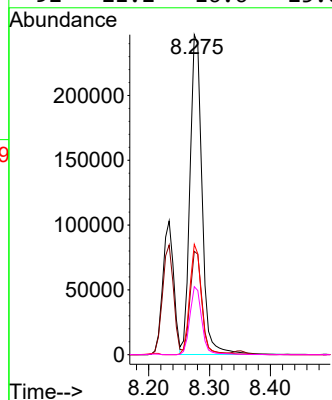
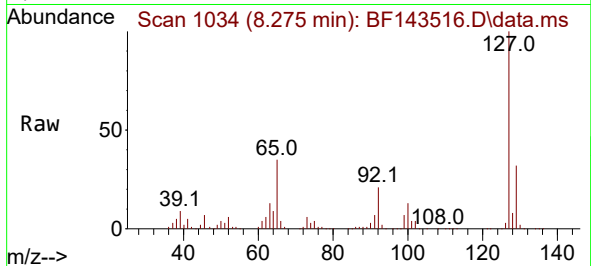




#33
4-Chloroaniline
Concen: 38.986 ng
RT: 8.275 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

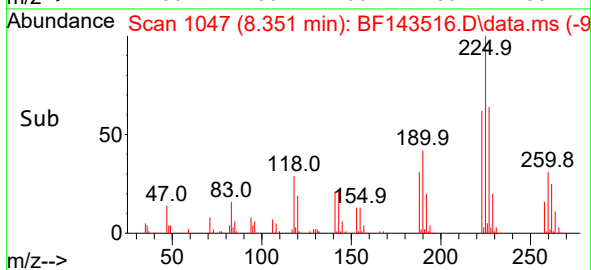
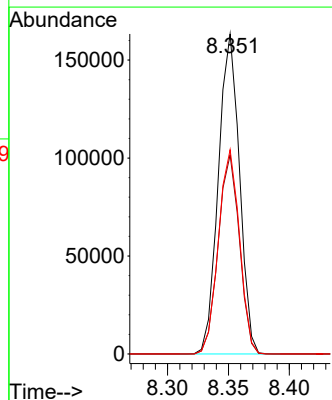
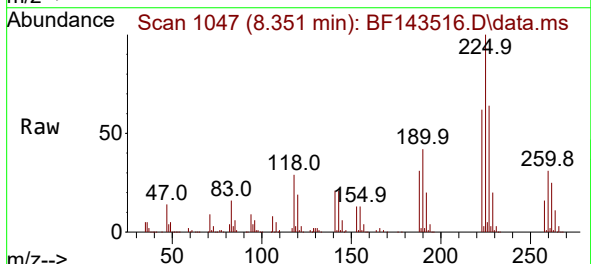
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

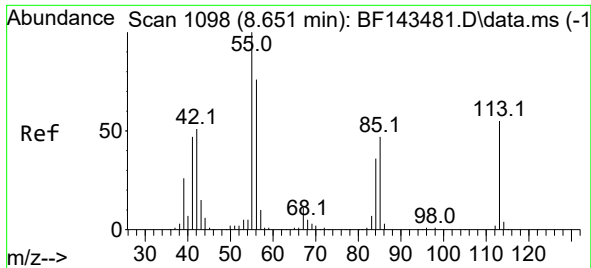
Tgt Ion:127 Resp: 339182
Ion Ratio Lower Upper
127 100
129 32.3 26.1 39.1
65 34.5 26.2 39.2
92 21.2 16.6 25.0



#34
Hexachlorobutadiene
Concen: 39.969 ng
RT: 8.351 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion:225 Resp: 196894
Ion Ratio Lower Upper
225 100
223 62.2 49.9 74.9
227 63.8 50.9 76.3

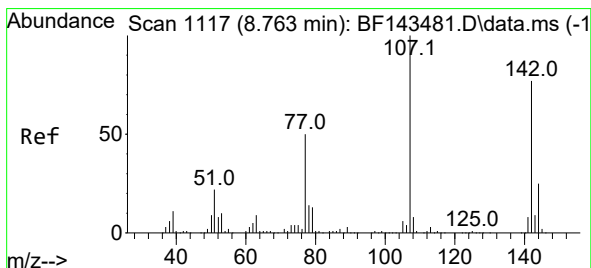
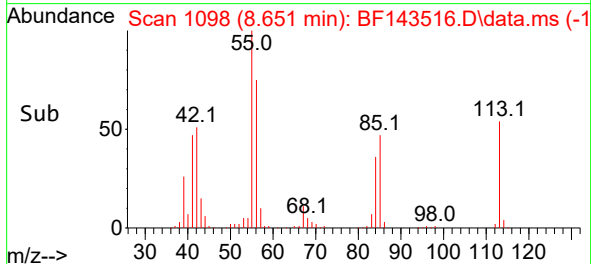
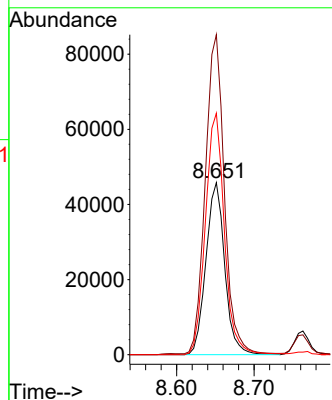
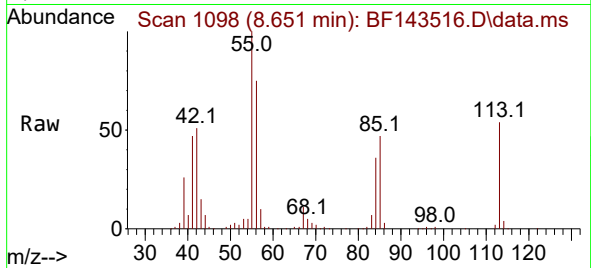




#35
 Caprolactam
 Concen: 43.799 ng
 RT: 8.651 min Scan# 1098
 Delta R.T. -0.023 min
 Lab File: BF143516.D
 Acq: 21 Aug 2025 06:44

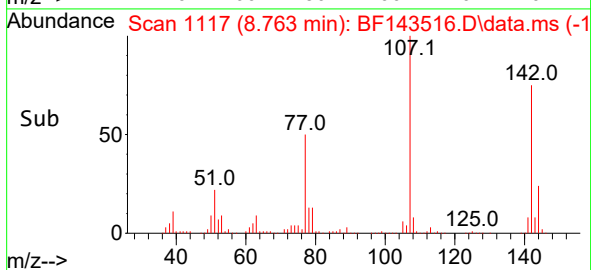
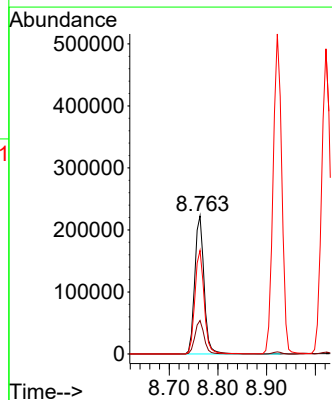
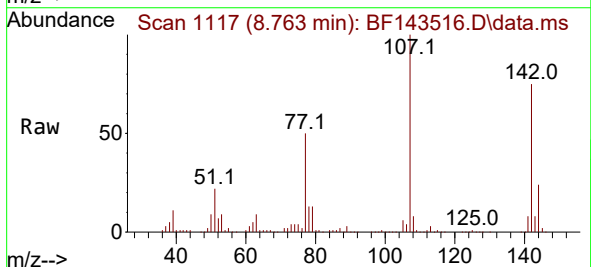
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

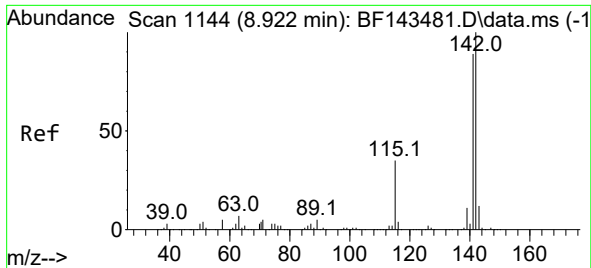
Tgt Ion:	113	Resp:	77185
Ion	Ratio	Lower	Upper
113	100		
55	186.1	162.8	202.8
56	140.4	118.1	158.1



#36
 4-Chloro-3-methylphenol
 Concen: 40.394 ng
 RT: 8.763 min Scan# 1117
 Delta R.T. -0.006 min
 Lab File: BF143516.D
 Acq: 21 Aug 2025 06:44

Tgt Ion:	107	Resp:	297282
Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.9	29.9
142	74.9	61.8	92.8

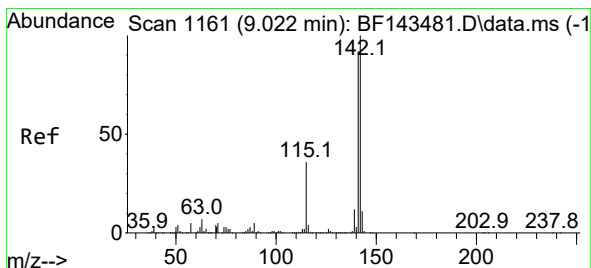
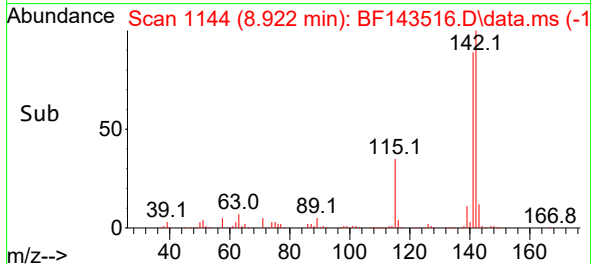
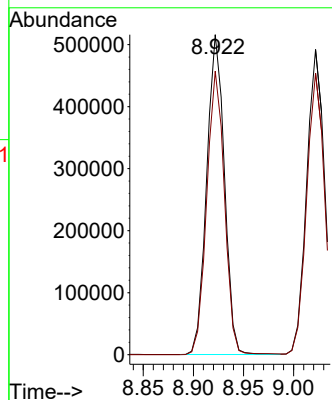
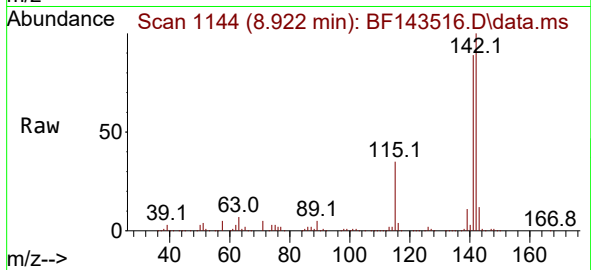




#37
2-Methylnaphthalene
Concen: 38.808 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

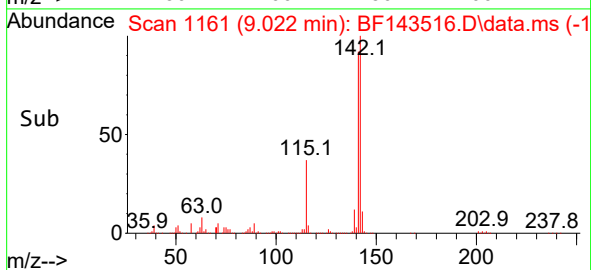
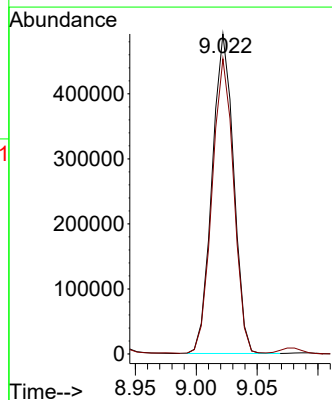
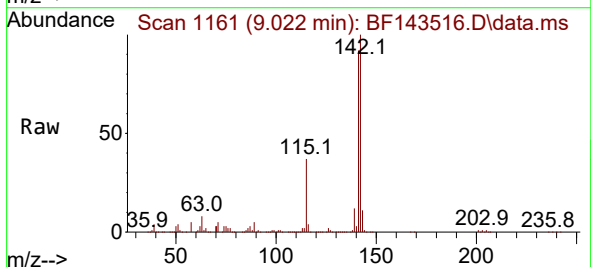
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

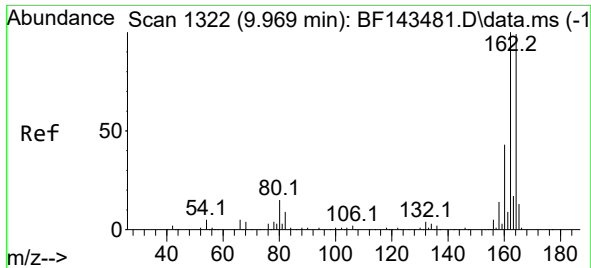
Tgt Ion:142 Resp: 635344
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4



#38
1-Methylnaphthalene
Concen: 38.685 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion:142 Resp: 605817
Ion Ratio Lower Upper
142 100
141 92.3 73.3 109.9

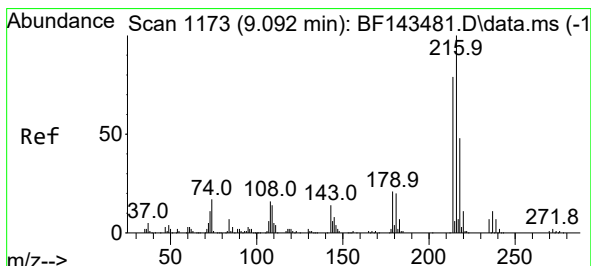
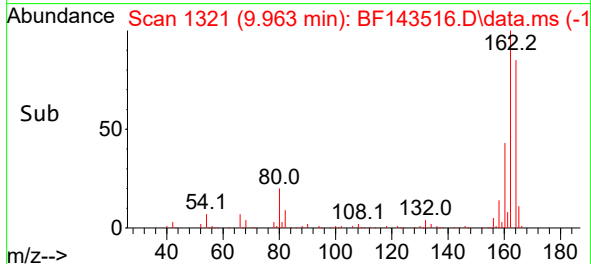
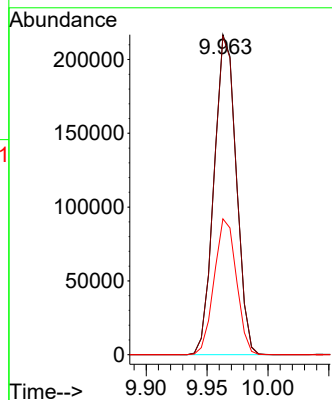
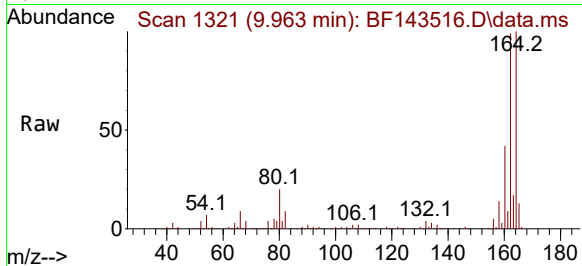




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

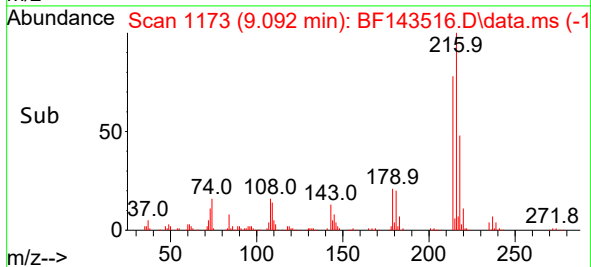
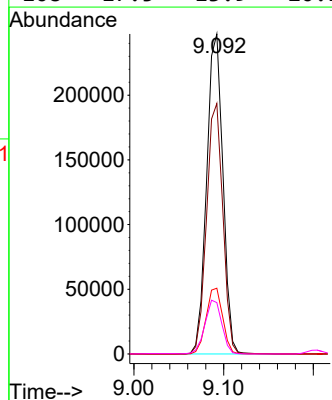
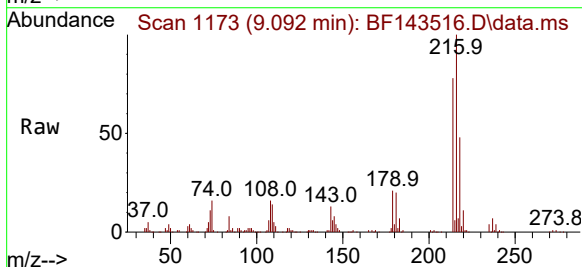
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

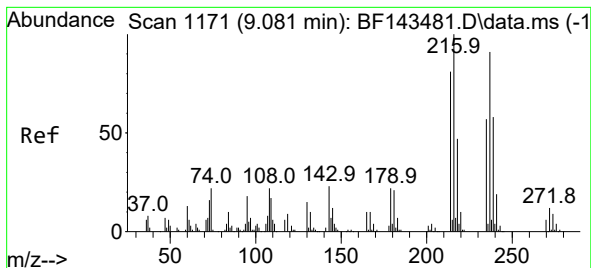
Tgt Ion:164 Resp: 274867
Ion Ratio Lower Upper
164 100
162 99.5 80.5 120.7
160 42.4 34.3 51.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.505 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion:216 Resp: 310596
Ion Ratio Lower Upper
216 100
214 78.4 63.4 95.0
179 20.9 16.5 24.7
108 17.5 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 33.894 ng

RT: 9.081 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

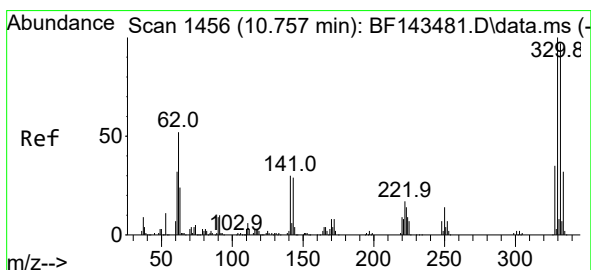
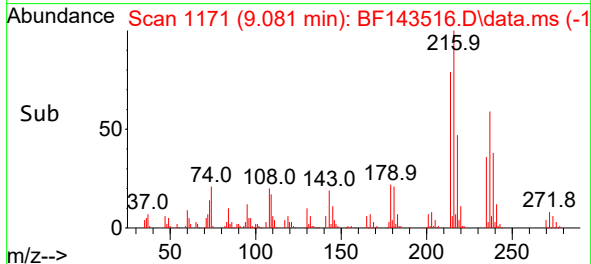
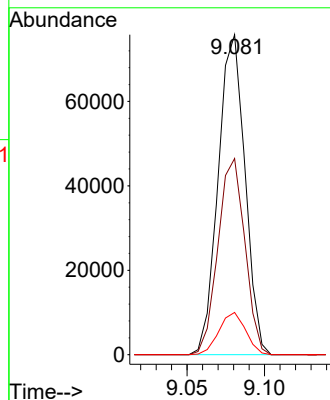
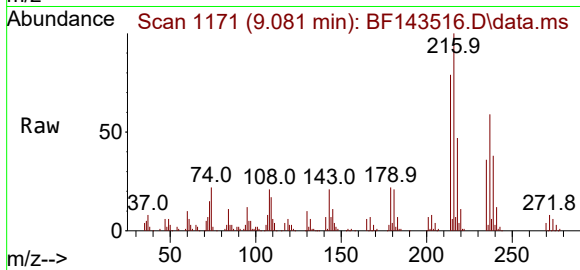
Tgt Ion:237 Resp: 91199

Ion Ratio Lower Upper

237 100

235 61.3 42.6 82.6

272 13.2 0.0 33.4



#42

2,4,6-Tribromophenol

Concen: 77.956 ng

RT: 10.757 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

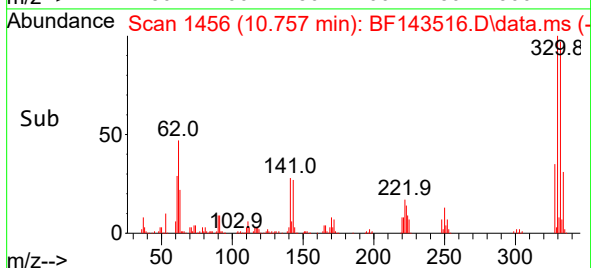
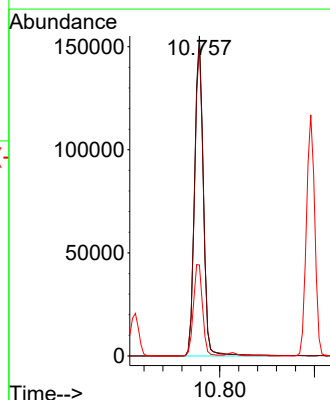
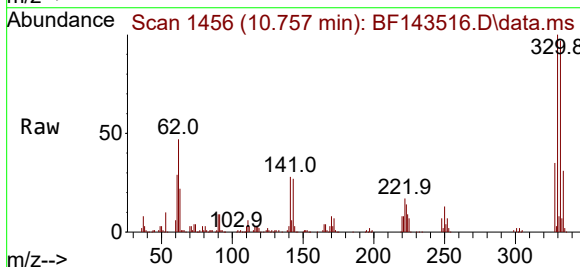
Tgt Ion:330 Resp: 199460

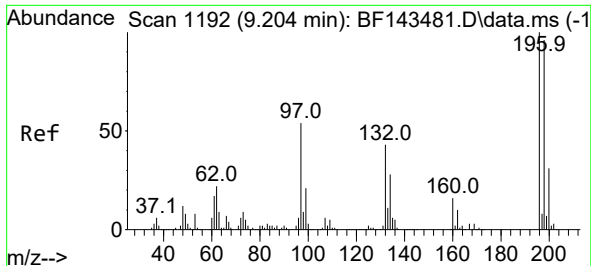
Ion Ratio Lower Upper

330 100

332 97.7 78.0 117.0

141 29.7 23.7 35.5





#43

2,4,6-Trichlorophenol

Concen: 39.825 ng

RT: 9.204 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF143516.D

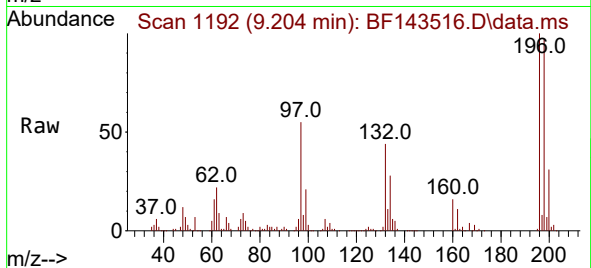
Acq: 21 Aug 2025 06:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



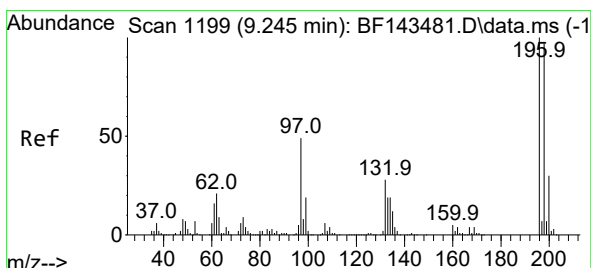
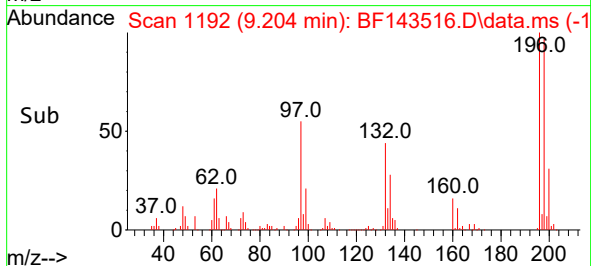
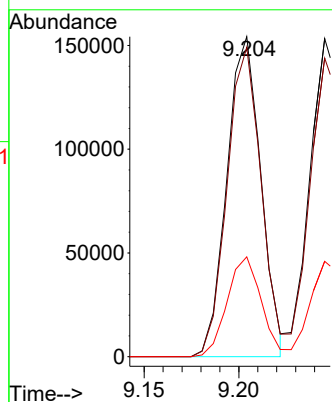
Tgt Ion:196 Resp: 192667

Ion Ratio Lower Upper

196 100

198 96.7 77.0 115.4

200 31.2 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 40.163 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

Tgt Ion:196 Resp: 212240

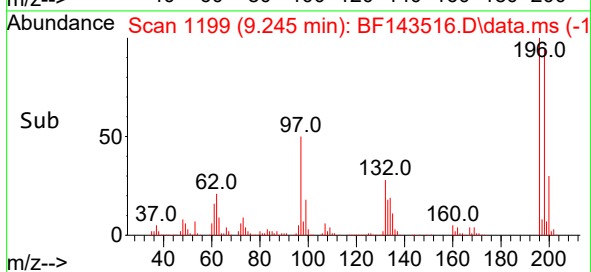
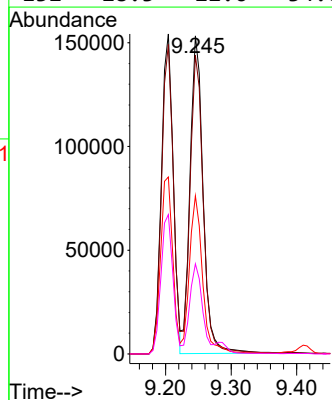
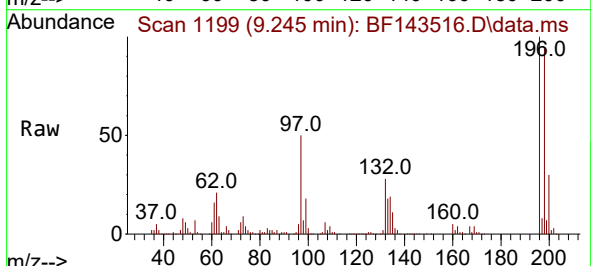
Ion Ratio Lower Upper

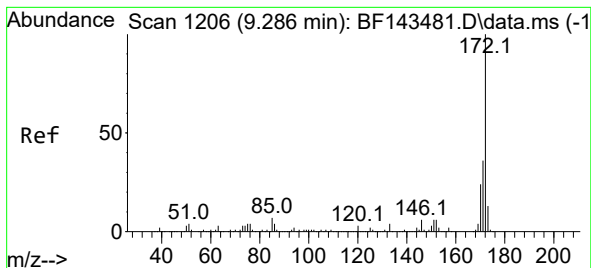
196 100

198 93.9 77.3 115.9

97 49.7 40.0 60.0

132 28.3 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 76.887 ng

RT: 9.287 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

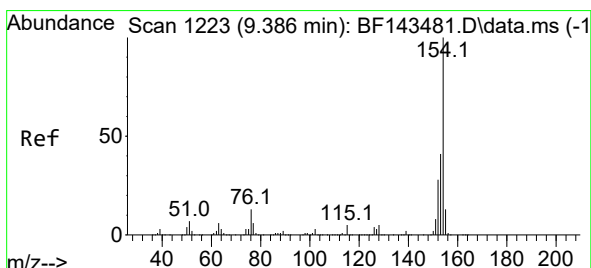
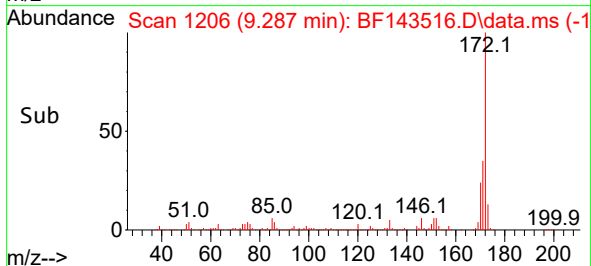
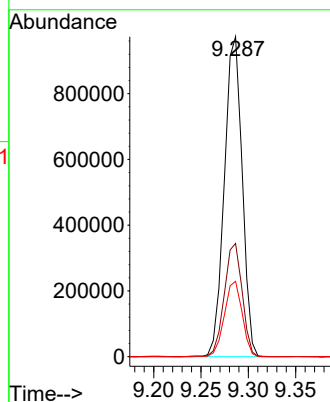
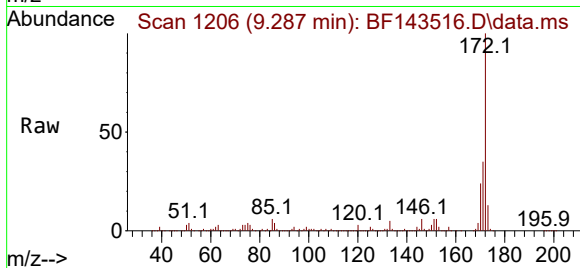
Tgt Ion:172 Resp: 1278754

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 38.879 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

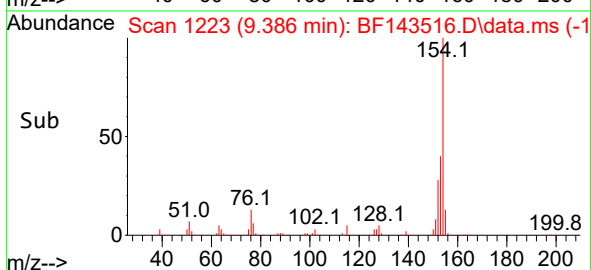
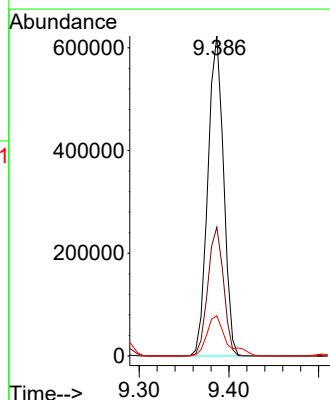
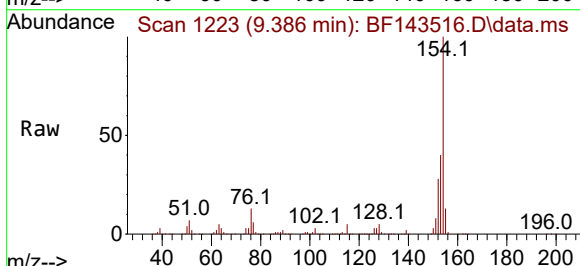
Tgt Ion:154 Resp: 758507

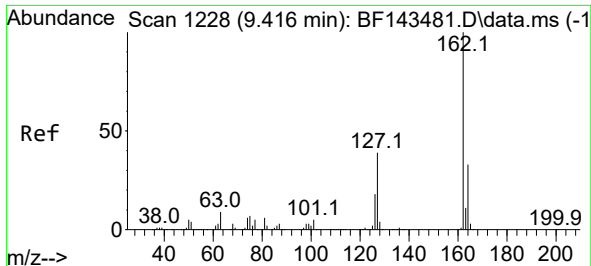
Ion Ratio Lower Upper

154 100

153 40.2 20.6 60.6

76 12.6 0.0 33.0

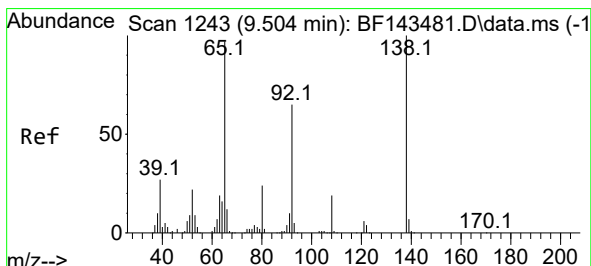
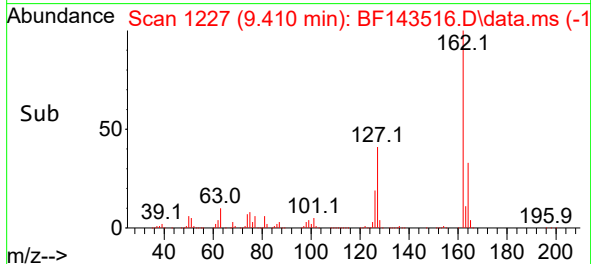
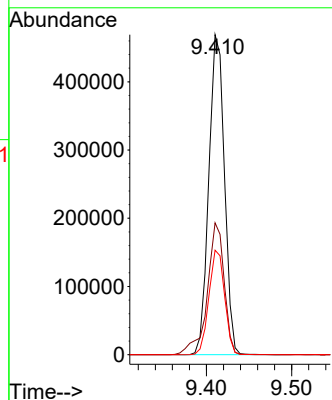
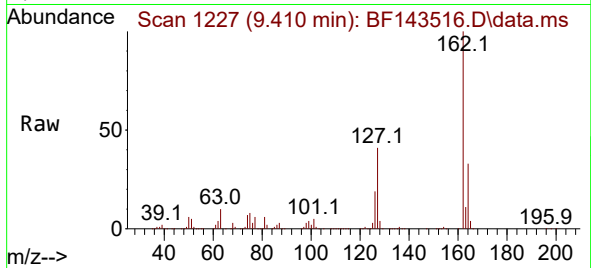




#47
2-Chloronaphthalene
Concen: 39.061 ng
RT: 9.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

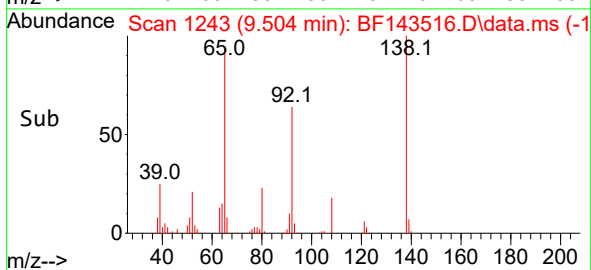
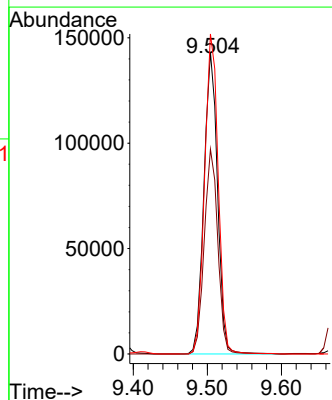
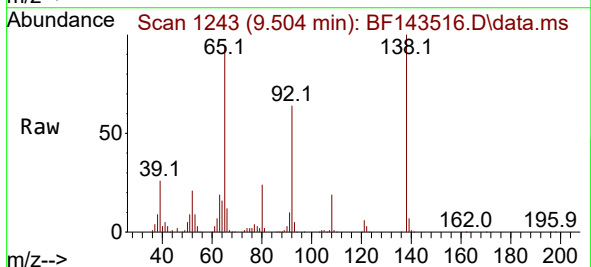
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

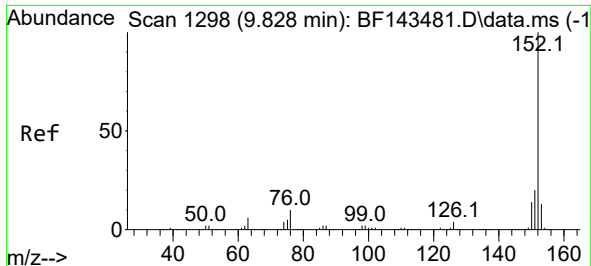
Tgt Ion:162 Resp: 597936
Ion Ratio Lower Upper
162 100
127 41.2 31.8 47.6
164 32.7 26.4 39.6



#48
2-Nitroaniline
Concen: 40.640 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion: 65 Resp: 182065
Ion Ratio Lower Upper
65 100
92 67.9 53.8 80.6
138 106.0 82.4 123.6





#49

Acenaphthylene

Concen: 39.059 ng

RT: 9.828 min Scan# 1298

Delta R.T. 0.000 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

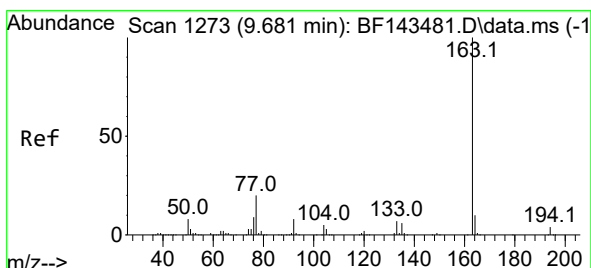
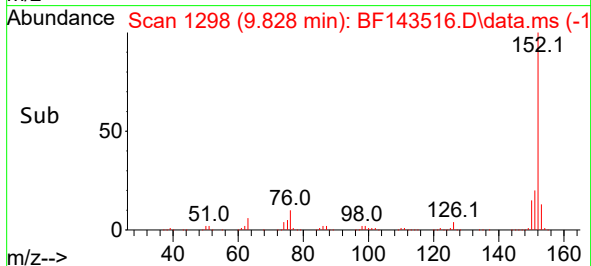
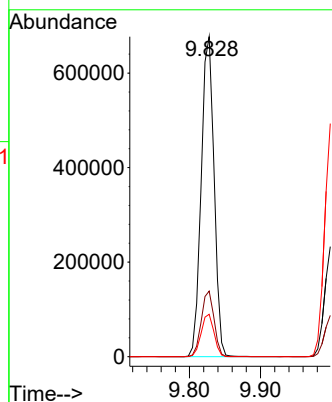
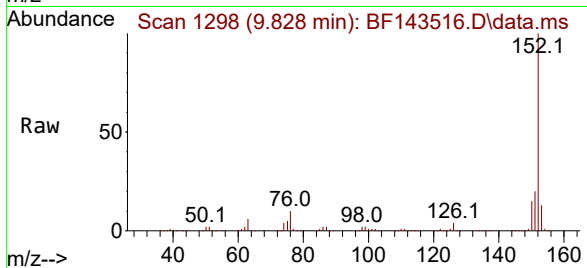
Tgt Ion:152 Resp: 856096

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 40.583 ng

RT: 9.675 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

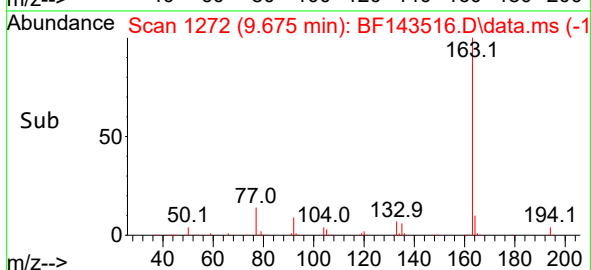
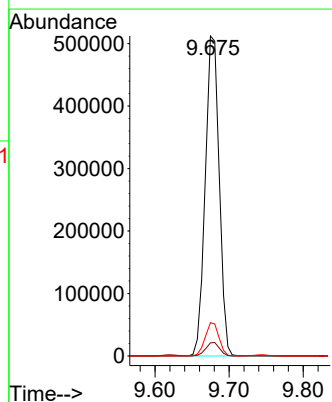
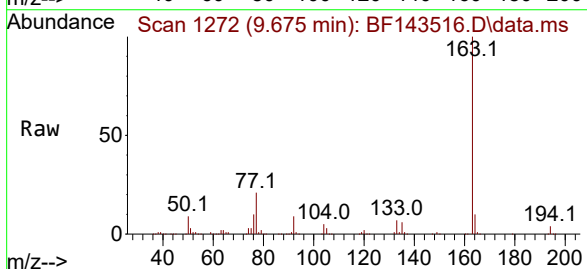
Tgt Ion:163 Resp: 671826

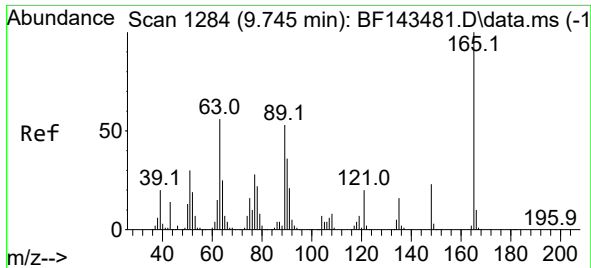
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.4 8.2 12.2

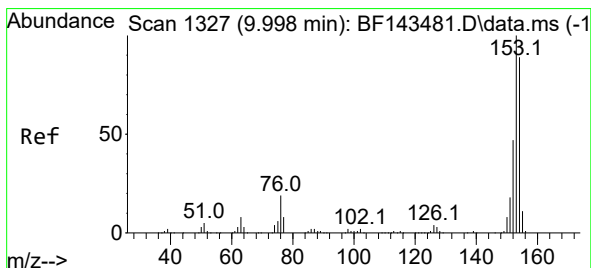
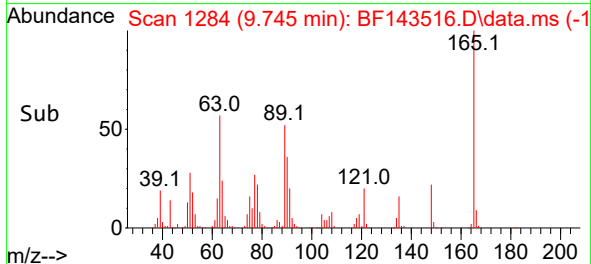
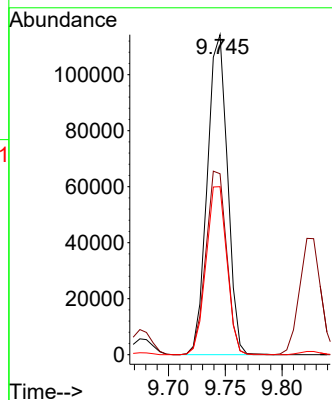
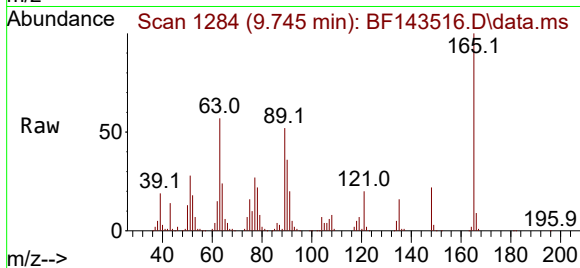




#51
2,6-Dinitrotoluene
Concen: 41.159 ng
RT: 9.745 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

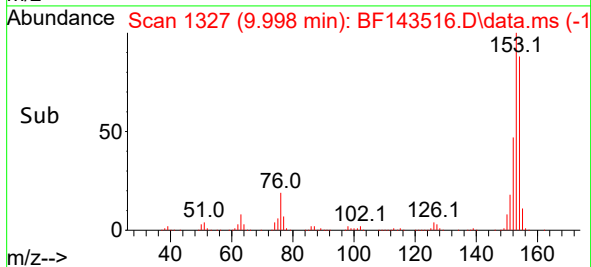
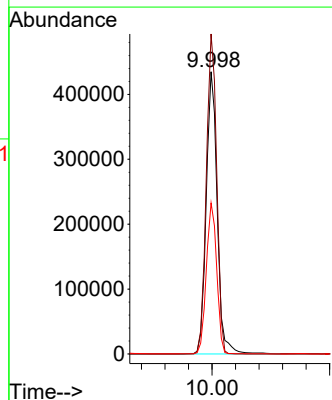
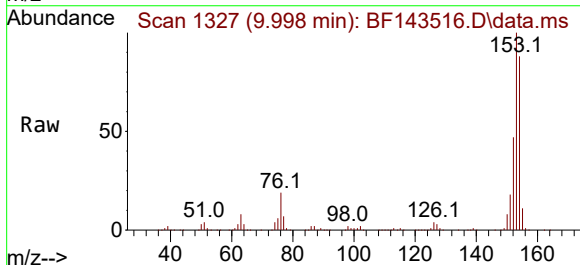
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

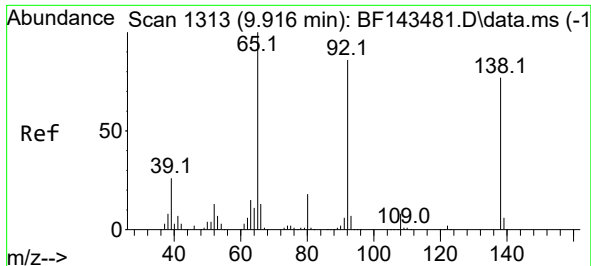
Tgt Ion:165 Resp: 141216
Ion Ratio Lower Upper
165 100
63 56.5 45.0 67.6
89 52.5 42.5 63.7



#52
Acenaphthene
Concen: 38.011 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion:154 Resp: 565670
Ion Ratio Lower Upper
154 100
153 113.4 89.5 134.3
152 53.5 42.5 63.7

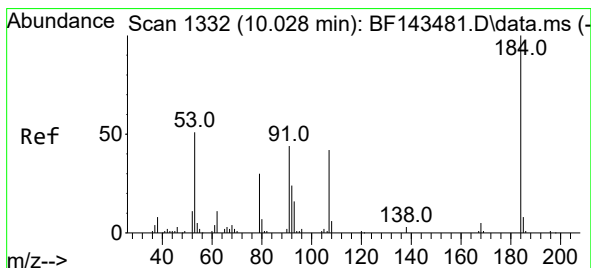
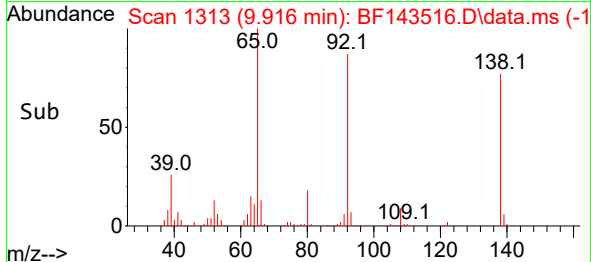
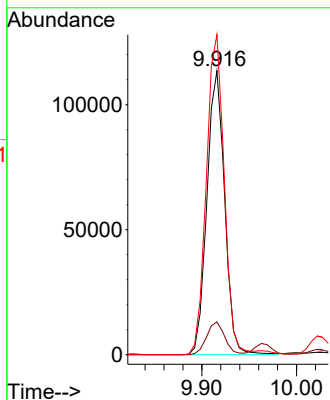
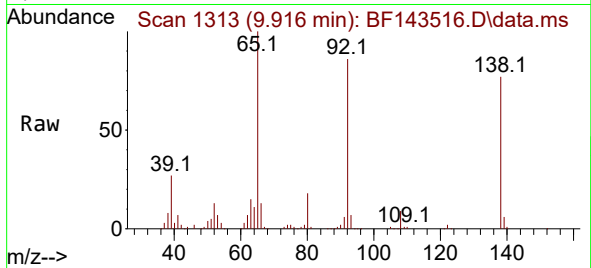




#53
3-Nitroaniline
Concen: 39.678 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

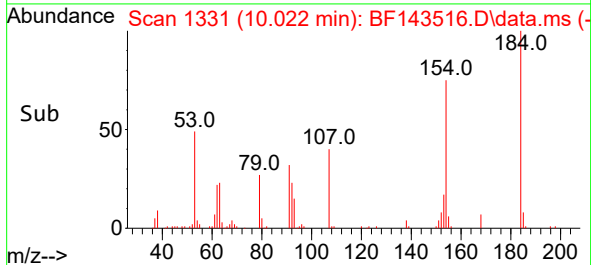
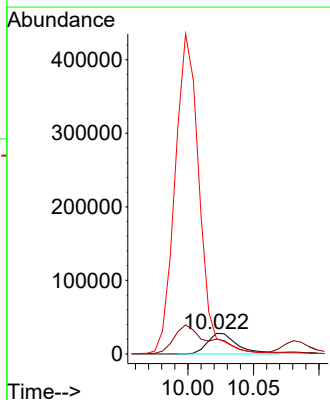
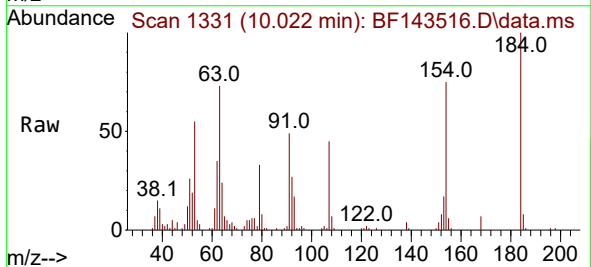
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

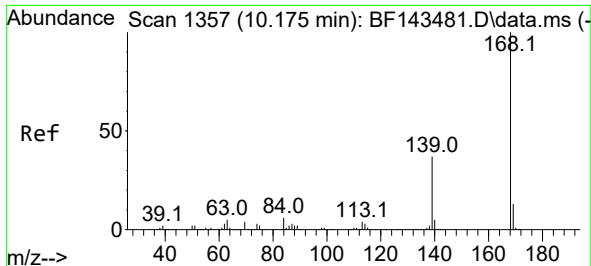
Tgt Ion:138 Resp: 147101
Ion Ratio Lower Upper
138 100
108 11.6 8.6 13.0
92 112.7 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 28.170 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion:184 Resp: 44950
Ion Ratio Lower Upper
184 100
63 72.5 52.6 78.8
154 74.9 51.0 76.4

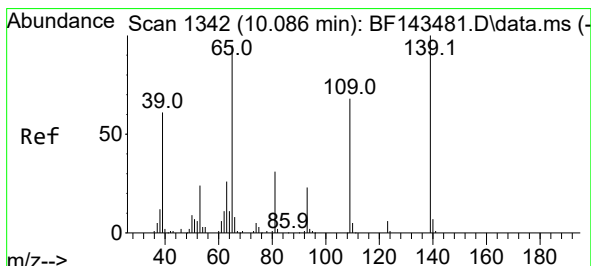
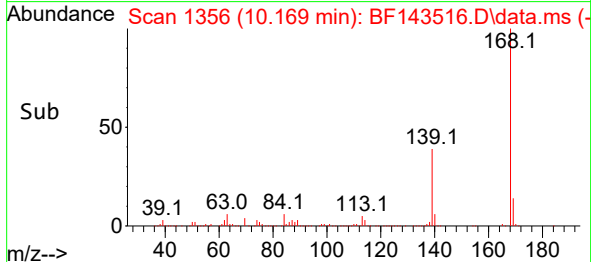
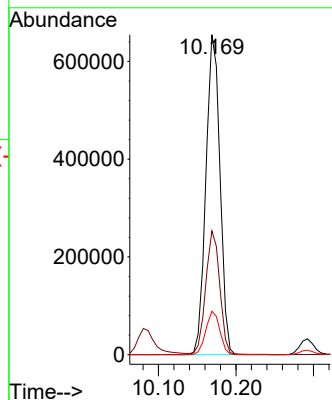
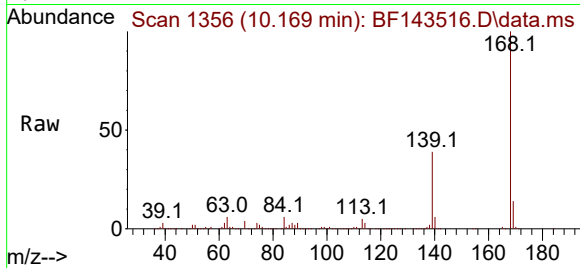




#55
Dibenzenofuran
Concen: 38.919 ng
RT: 10.169 min Scan# 1356
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

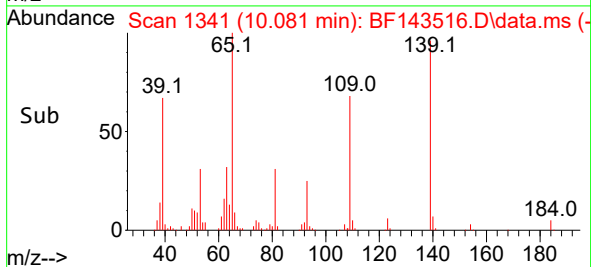
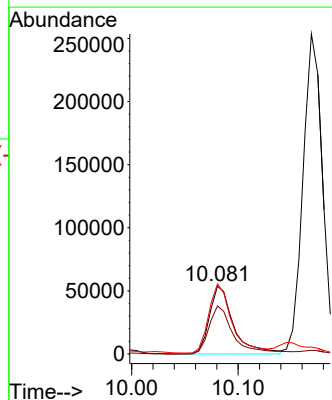
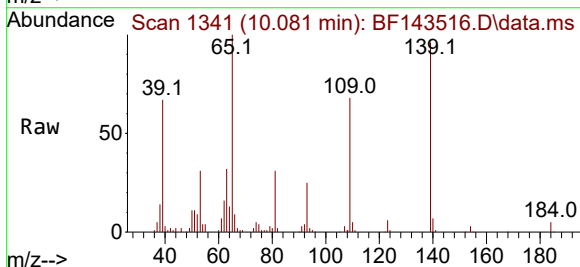
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

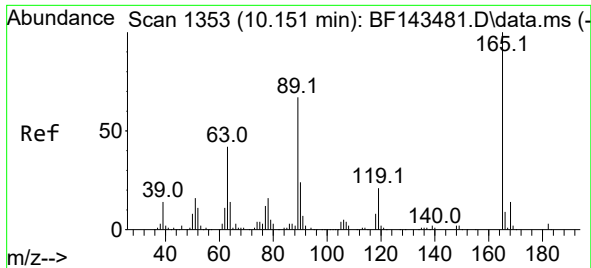
Tgt Ion:168 Resp: 825740
Ion Ratio Lower Upper
168 100
139 38.7 29.8 44.6
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 38.203 ng
RT: 10.081 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion:139 Resp: 84274
Ion Ratio Lower Upper
139 100
109 71.0 48.2 88.2
65 103.7 75.8 115.8

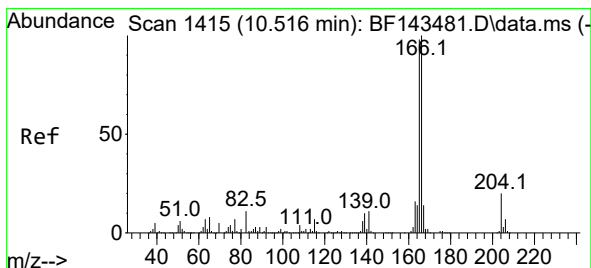
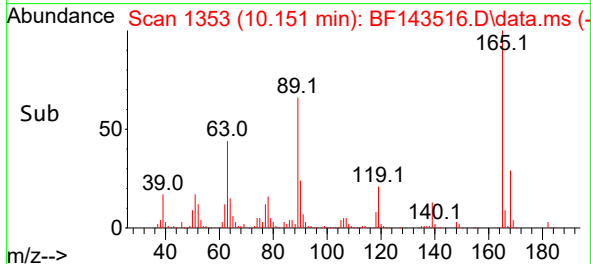
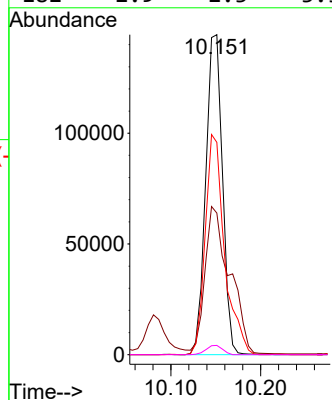
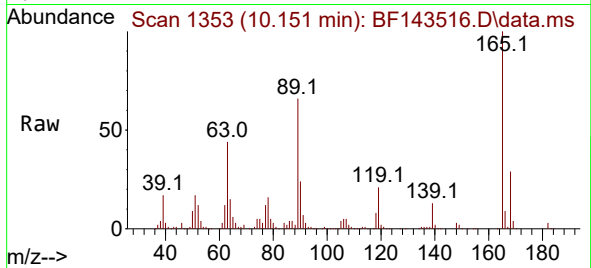




#57
2,4-Dinitrotoluene
Concen: 40.880 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

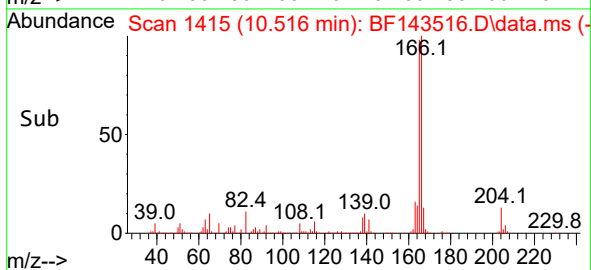
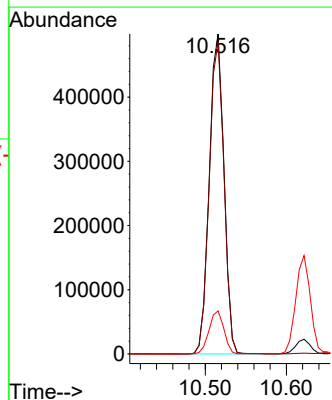
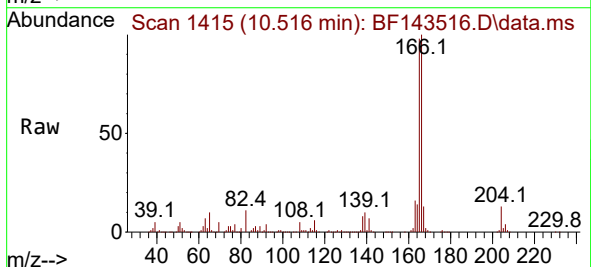
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

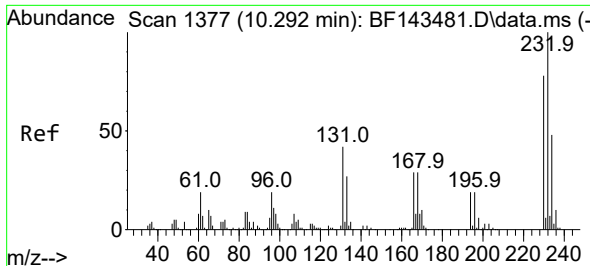
Tgt Ion:165 Resp: 187283
Ion Ratio Lower Upper
165 100
63 44.2 34.9 52.3
89 66.4 53.3 79.9
182 2.9 2.3 3.5



#58
Fluorene
Concen: 38.288 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion:166 Resp: 625227
Ion Ratio Lower Upper
166 100
165 97.6 78.3 117.5
167 13.4 11.0 16.4

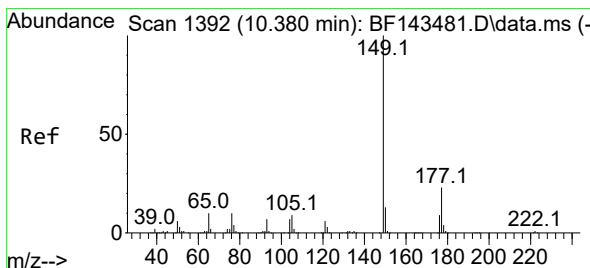
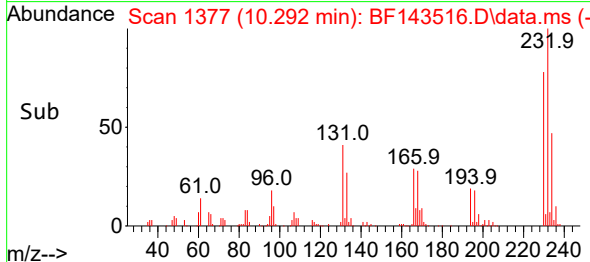
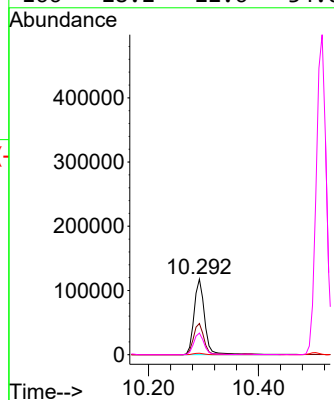
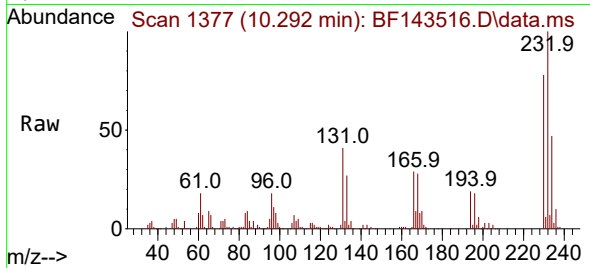




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.017 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

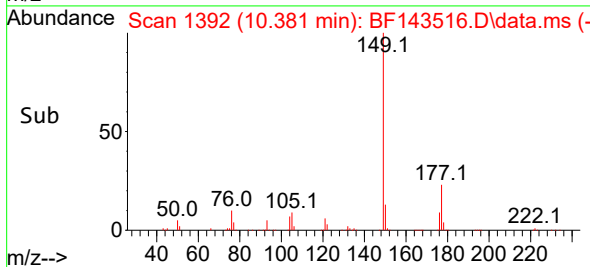
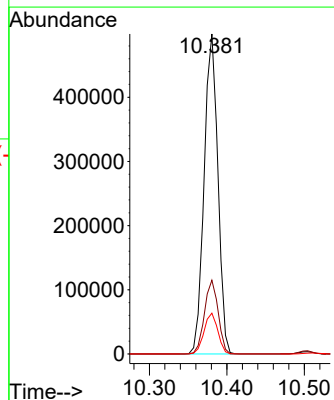
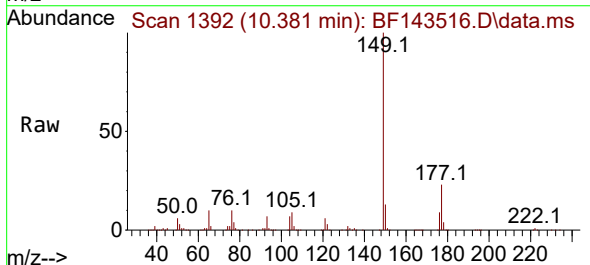
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

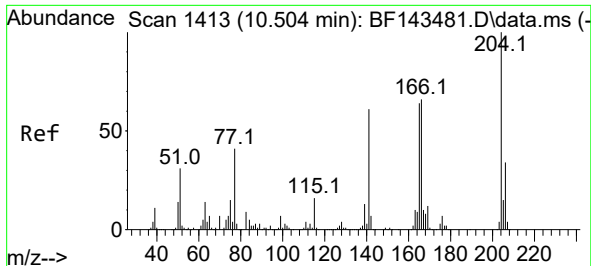
Tgt Ion:232 Resp: 157108
Ion Ratio Lower Upper
232 100
131 41.1 32.7 49.1
130 1.9 1.6 2.4
166 28.2 22.6 34.0



#60
Diethylphthalate
Concen: 41.355 ng
RT: 10.381 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion:149 Resp: 613793
Ion Ratio Lower Upper
149 100
177 23.0 18.3 27.5
150 12.7 10.3 15.5

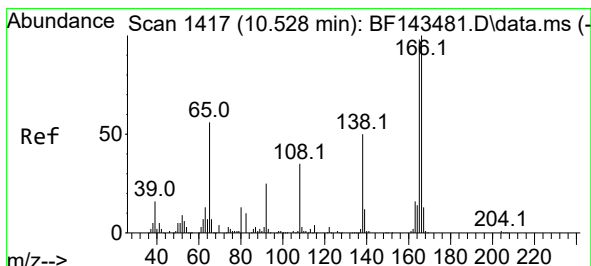
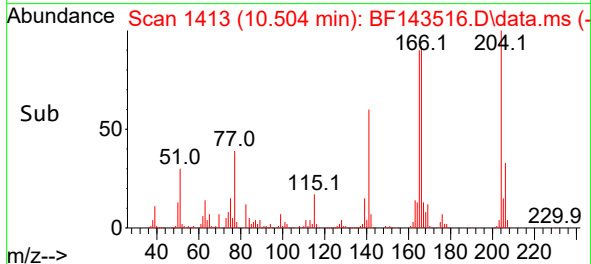
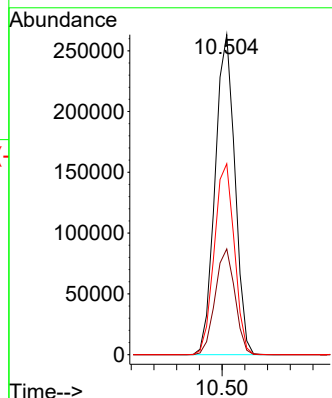
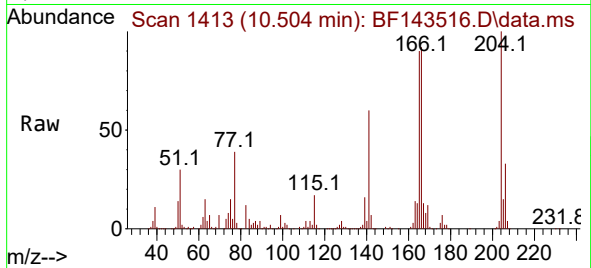




#61
4-Chlorophenyl-phenylether
Concen: 38.987 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

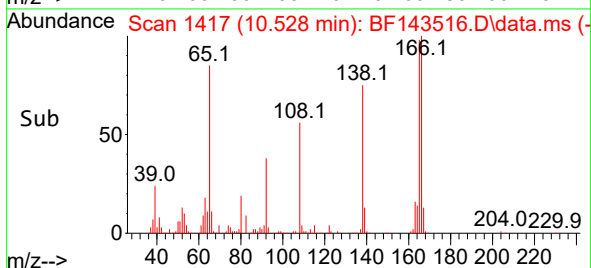
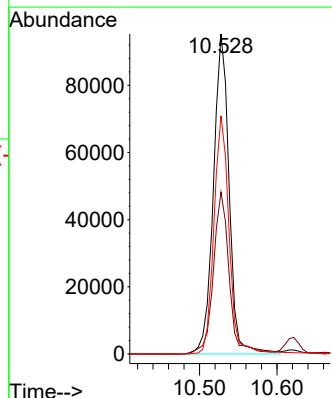
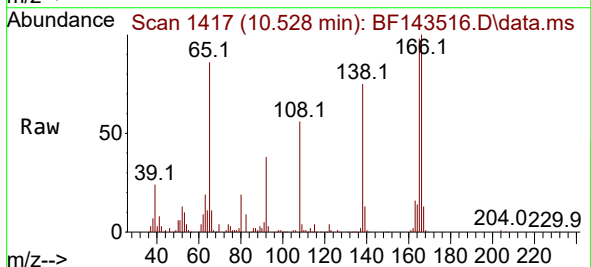
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

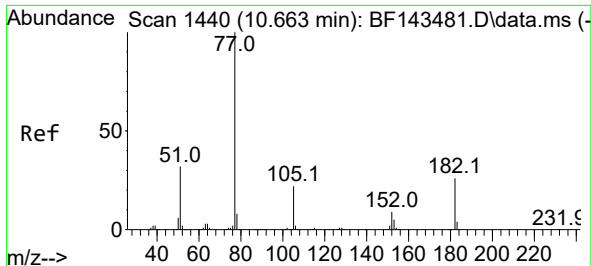
Tgt Ion:204 Resp: 318396
Ion Ratio Lower Upper
204 100
206 33.1 27.0 40.4
141 59.6 48.7 73.1



#62
4-Nitroaniline
Concen: 39.506 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion:138 Resp: 134532
Ion Ratio Lower Upper
138 100
92 50.6 29.3 69.3
108 74.4 50.7 90.7



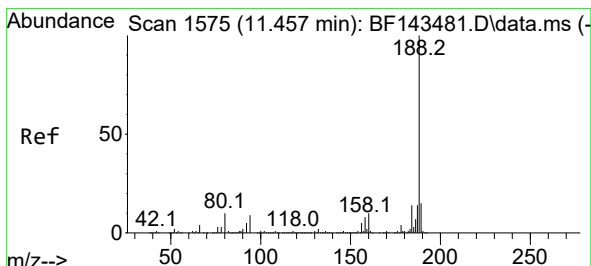
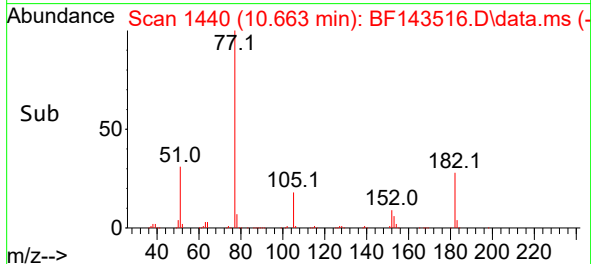
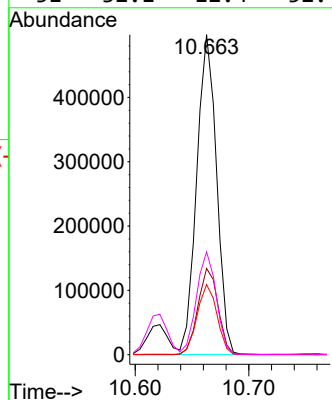
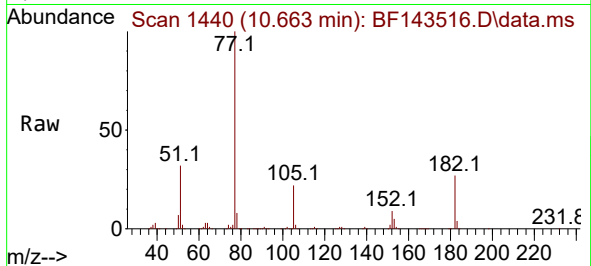


#63
Azobenzene
Concen: 39.155 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 602578

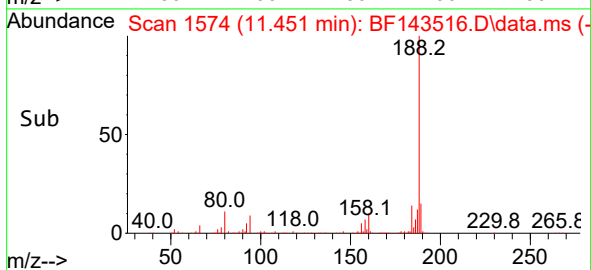
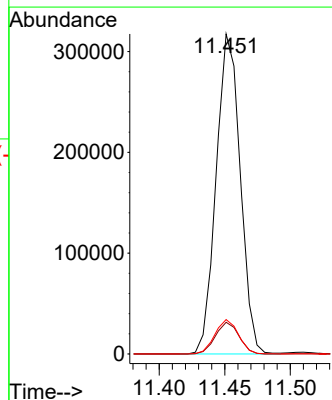
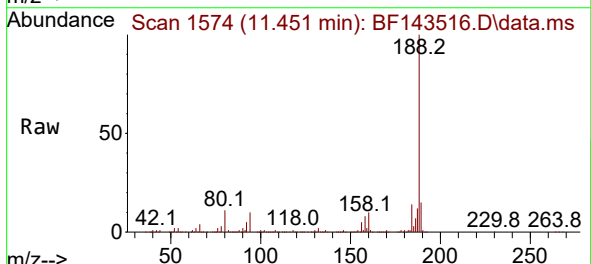
Ion	Ratio	Lower	Upper
77	100		
182	27.0	6.2	46.2
105	21.9	2.2	42.2
51	32.1	12.4	52.4

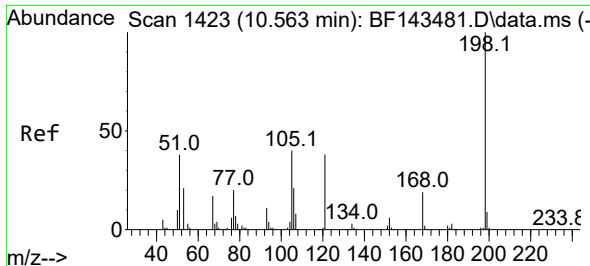


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion: 188 Resp: 405205

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.4	11.2
80	10.8	8.2	12.4

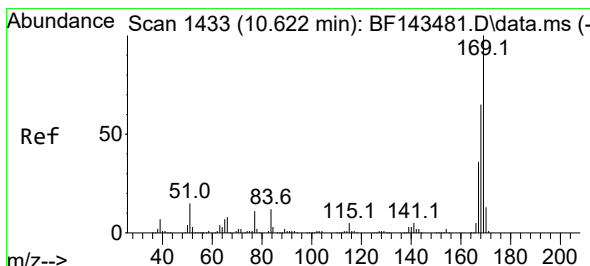
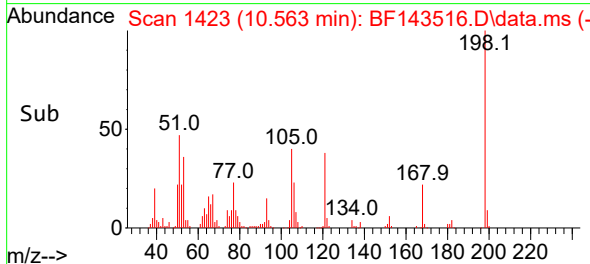
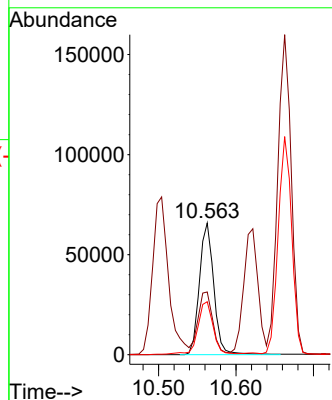
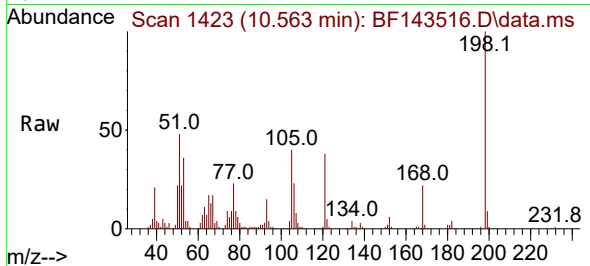




#65
4,6-Dinitro-2-methylphenol
Concen: 37.226 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

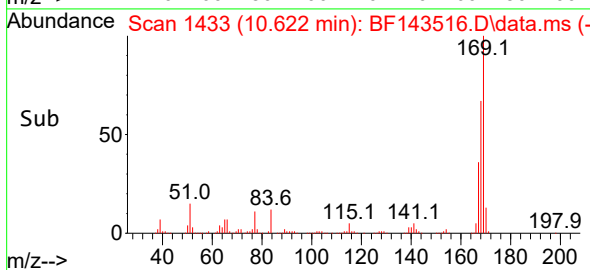
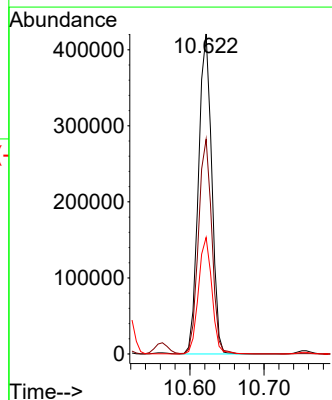
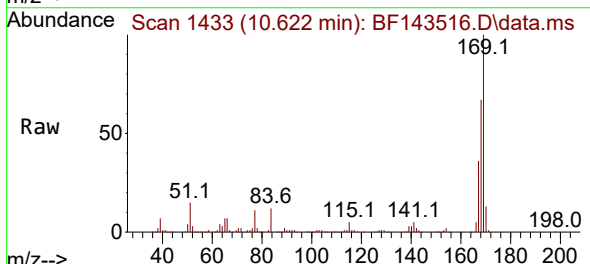
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

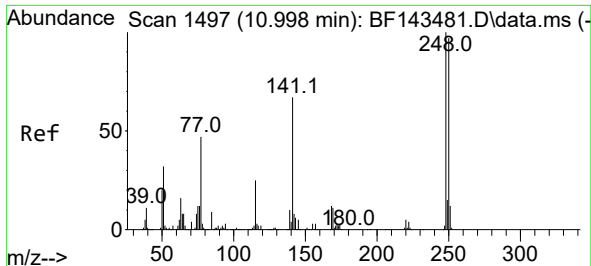
Tgt Ion:198 Resp: 85050
Ion Ratio Lower Upper
198 100
51 47.7 29.6 69.6
105 40.2 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 40.062 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion:169 Resp: 522417
Ion Ratio Lower Upper
169 100
168 67.1 52.4 78.6
167 36.4 28.9 43.3

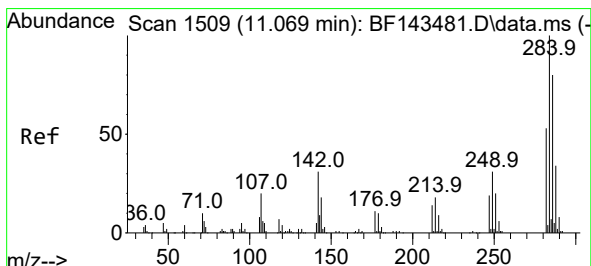
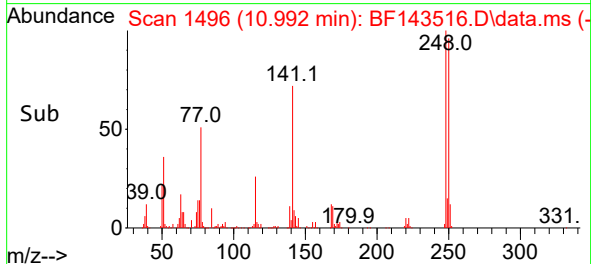
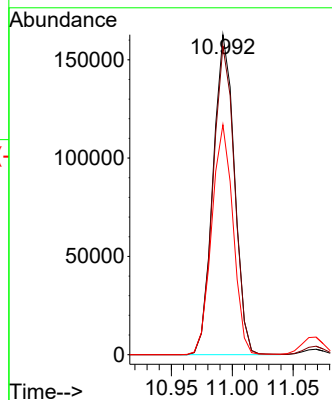
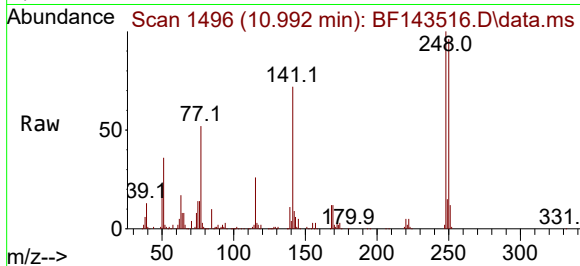




#67
4-Bromophenyl-phenylether
Concen: 41.154 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

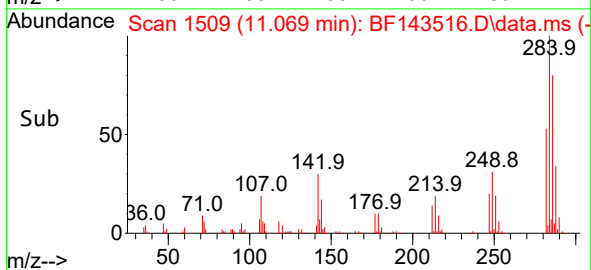
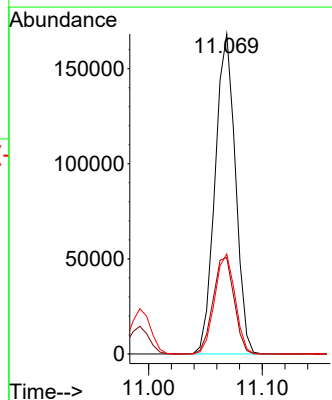
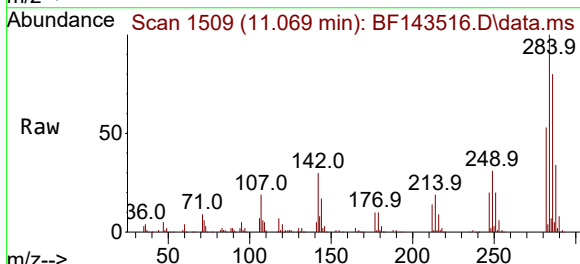
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

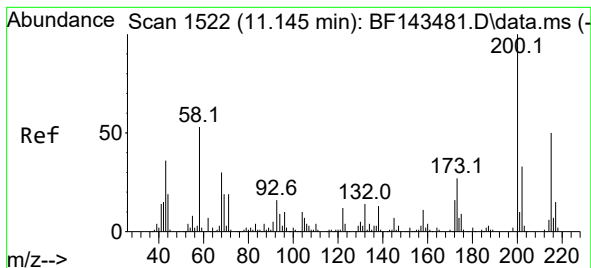
Tgt Ion:248 Resp: 198971
Ion Ratio Lower Upper
248 100
250 96.5 77.8 116.8
141 71.9 54.0 81.0



#68
Hexachlorobenzene
Concen: 40.112 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion:284 Resp: 209043
Ion Ratio Lower Upper
284 100
142 30.2 24.4 36.6
249 31.2 25.0 37.6





#69

Atrazine

Concen: 45.568 ng

RT: 11.145 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

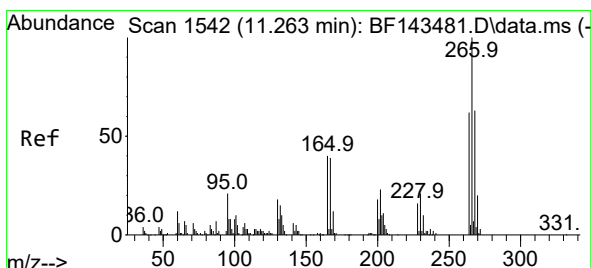
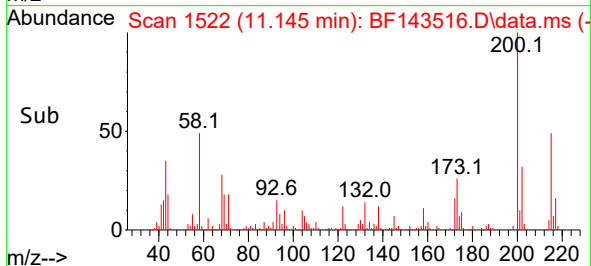
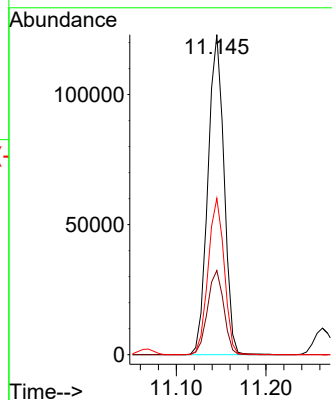
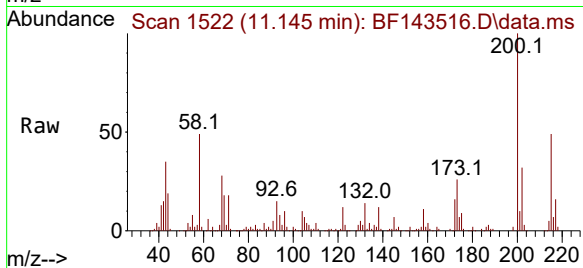
Tgt Ion:200 Resp: 153390

Ion Ratio Lower Upper

200 100

173 26.3 6.9 46.9

215 48.9 30.0 70.0



#70

Pentachlorophenol

Concen: 38.100 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.006 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

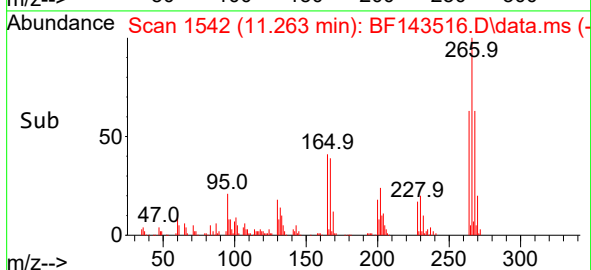
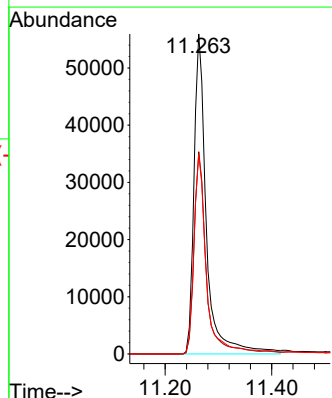
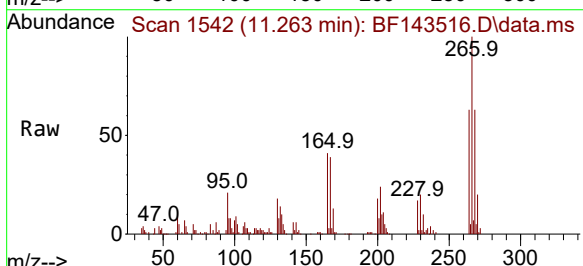
Tgt Ion:266 Resp: 90936

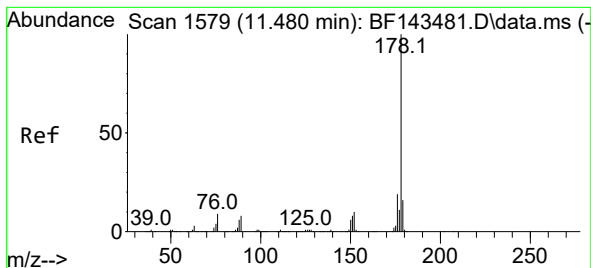
Ion Ratio Lower Upper

266 100

268 63.2 50.5 75.7

264 62.5 49.8 74.8





#71

Phenanthrene

Concen: 39.223 ng

RT: 11.480 min Scan# 1579

Delta R.T. 0.000 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

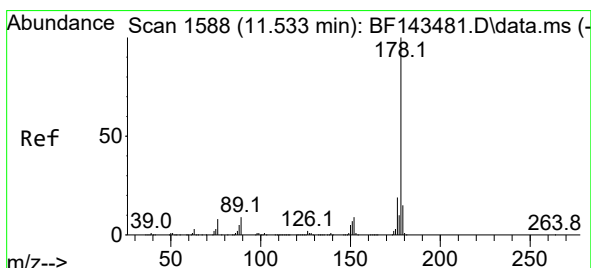
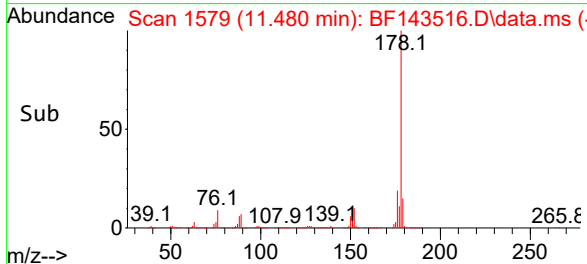
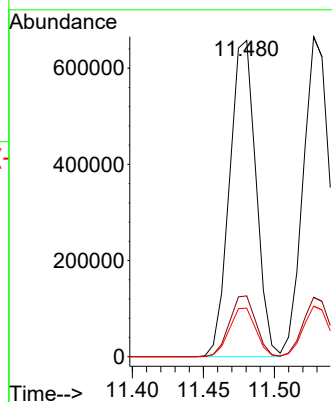
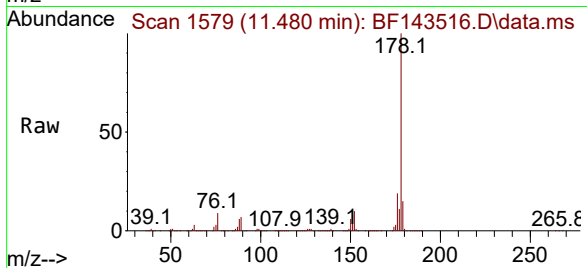
Tgt Ion:178 Resp: 851106

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.3 12.5 18.7



#72

Anthracene

Concen: 39.146 ng

RT: 11.528 min Scan# 1587

Delta R.T. -0.006 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

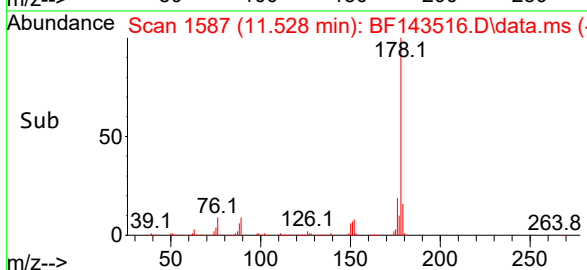
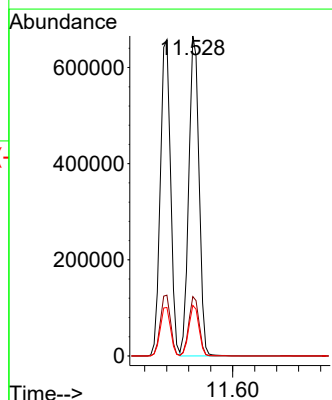
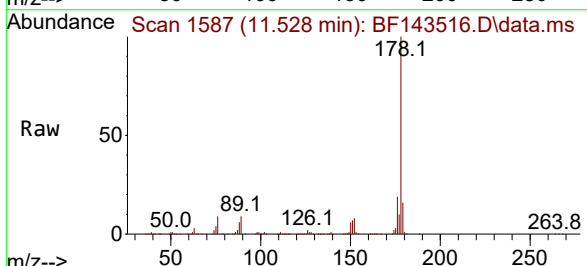
Tgt Ion:178 Resp: 860520

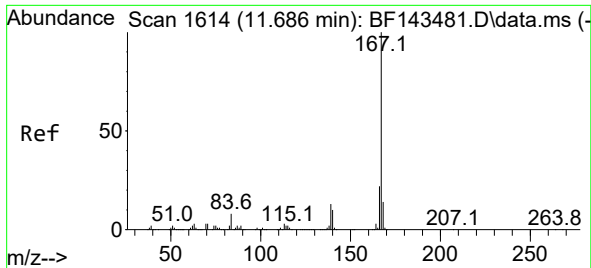
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

179 15.8 12.3 18.5

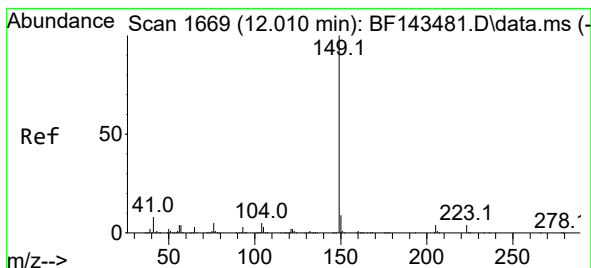
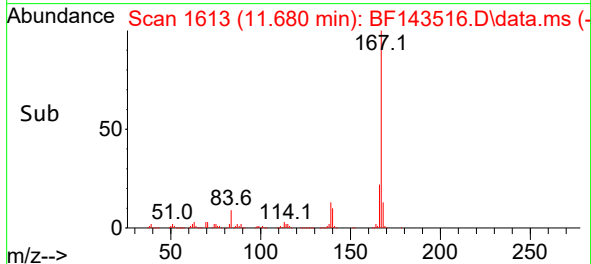
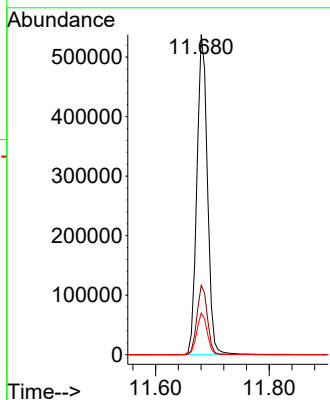
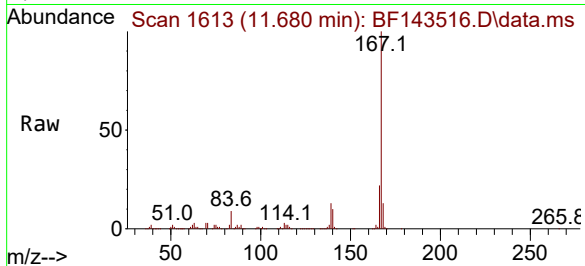




#73
Carbazole
Concen: 38.707 ng
RT: 11.680 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

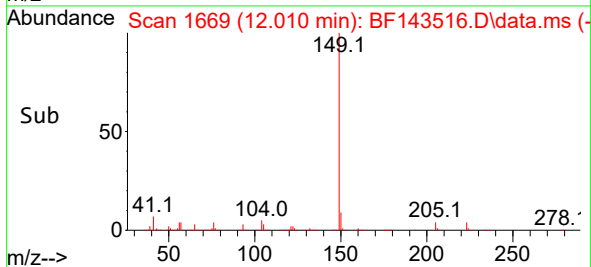
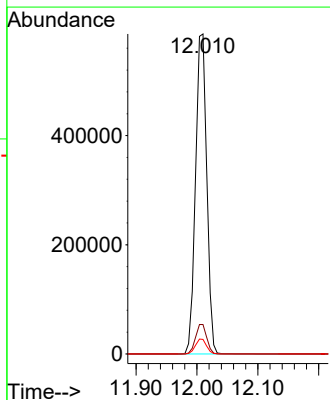
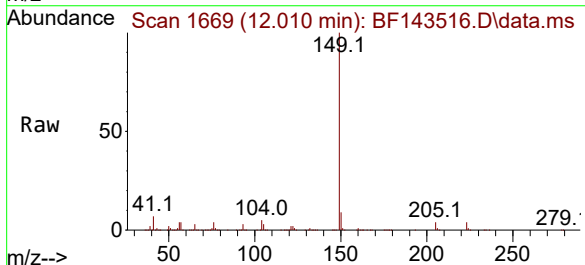
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

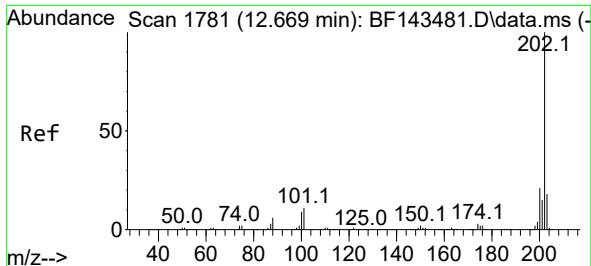
Tgt Ion:167 Resp: 697205
Ion Ratio Lower Upper
167 100
166 21.7 17.3 25.9
139 13.0 10.0 15.0



#74
Di-n-butylphthalate
Concen: 44.721 ng
RT: 12.010 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion:149 Resp: 751456
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 4.5 3.6 5.4

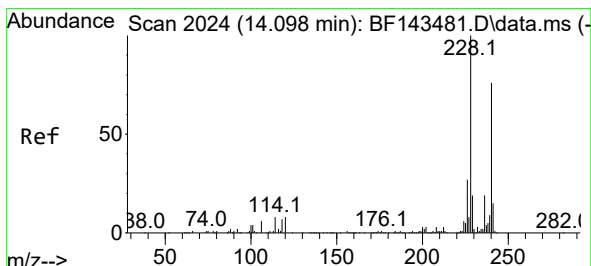
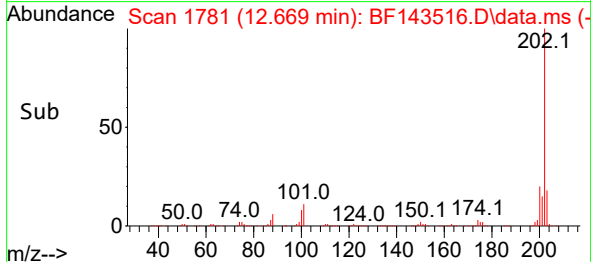
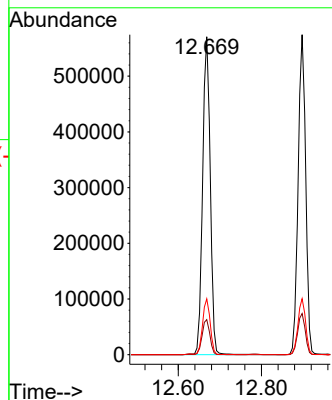
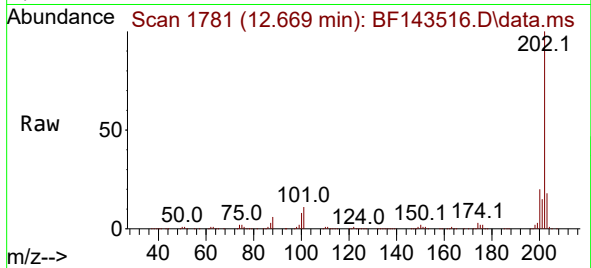




#75
Fluoranthene
Concen: 37.338 ng
RT: 12.669 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

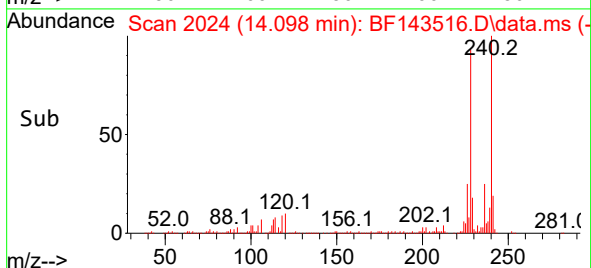
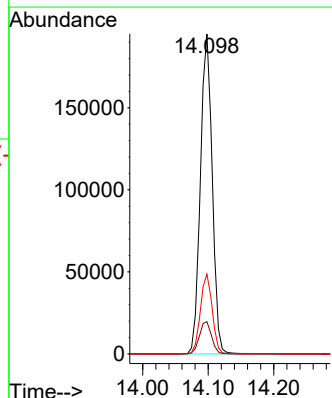
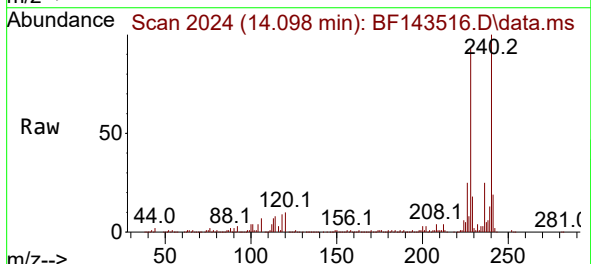
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

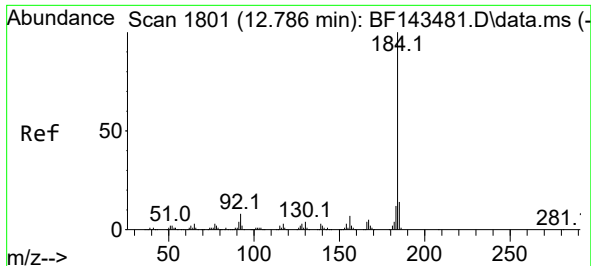
Tgt Ion:202 Resp: 726991
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.3
203 17.6 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion:240 Resp: 245385
Ion Ratio Lower Upper
240 100
120 10.1 8.6 12.8
236 24.9 20.4 30.6

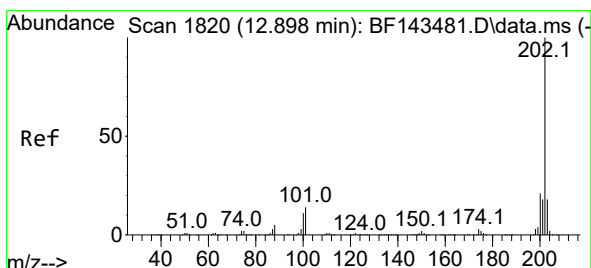
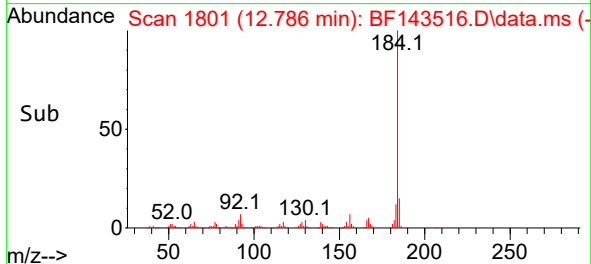
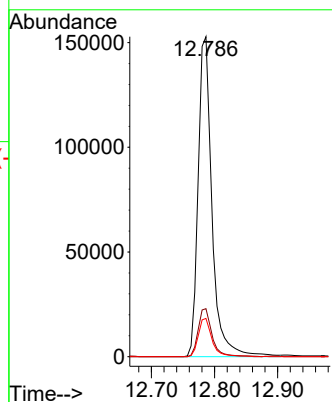
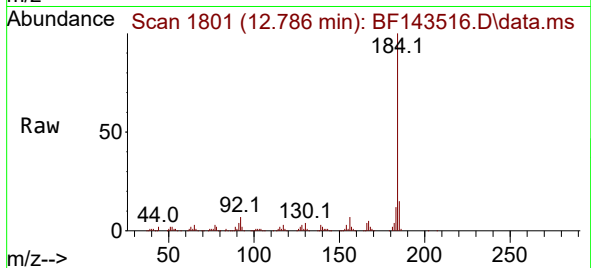




#77
Benzidine
Concen: 39.014 ng
RT: 12.786 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

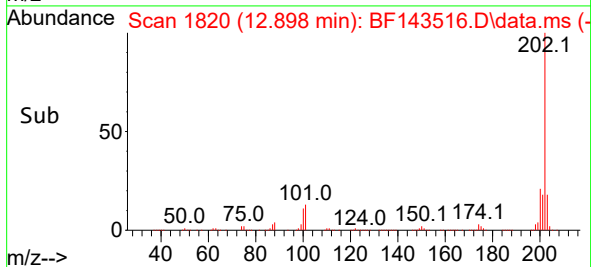
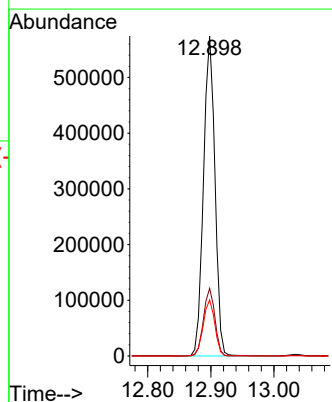
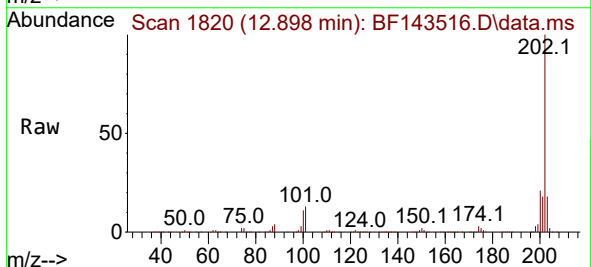
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

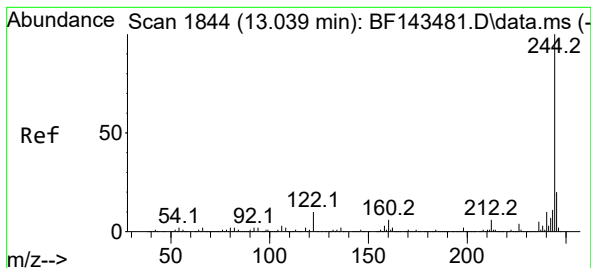
Tgt Ion:184 Resp: 233194
Ion Ratio Lower Upper
184 100
185 15.0 11.3 16.9
183 11.9 9.5 14.3



#78
Pyrene
Concen: 35.848 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion:202 Resp: 723572
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.5 14.3 21.5





#79

Terphenyl-d14

Concen: 73.802 ng

RT: 13.033 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

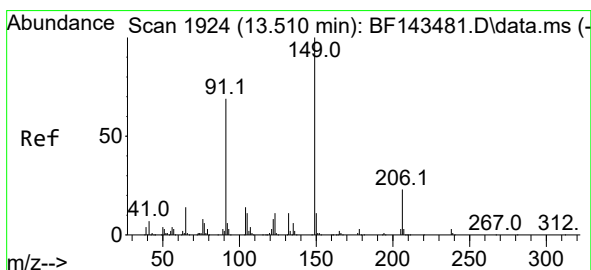
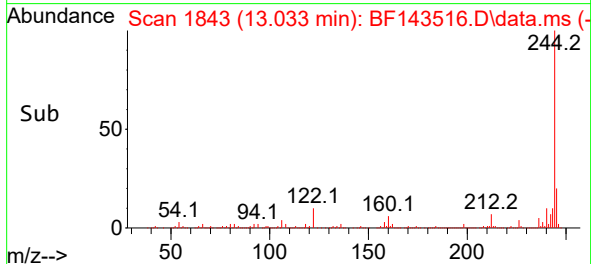
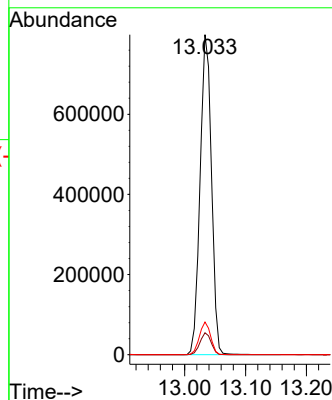
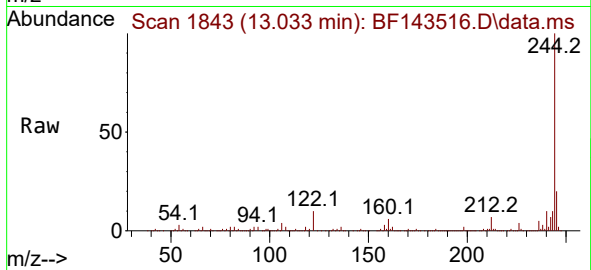
Tgt Ion:244 Resp: 1037790

Ion Ratio Lower Upper

244 100

212 6.9 5.2 7.8

122 10.2 7.9 11.9



#80

Butylbenzylphthalate

Concen: 43.715 ng

RT: 13.504 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

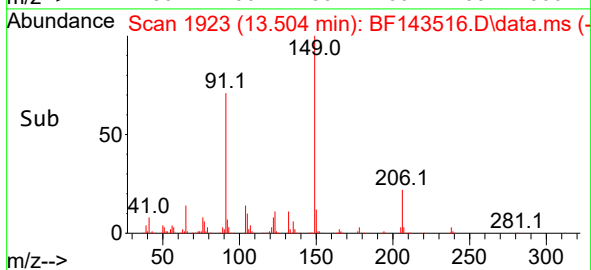
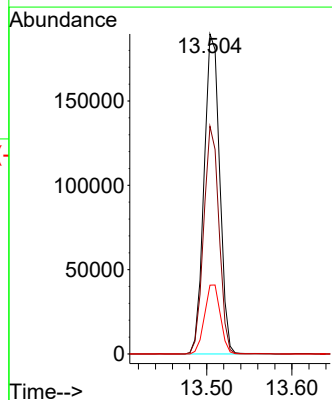
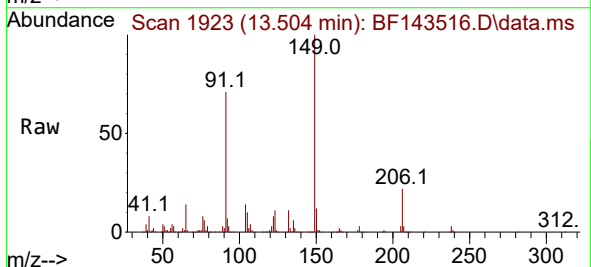
Tgt Ion:149 Resp: 241048

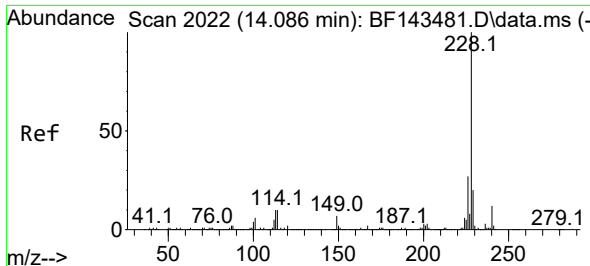
Ion Ratio Lower Upper

149 100

91 71.1 55.3 82.9

206 21.5 18.2 27.4

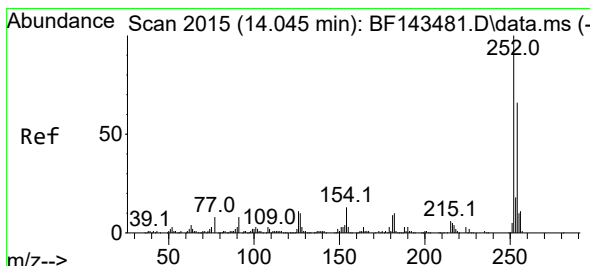
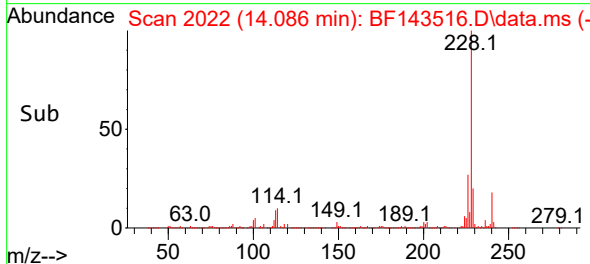
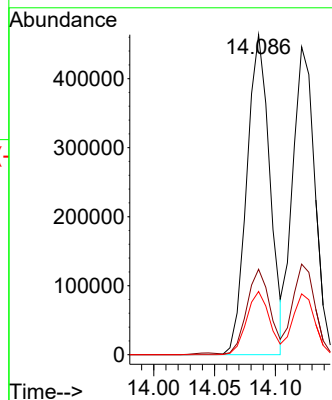
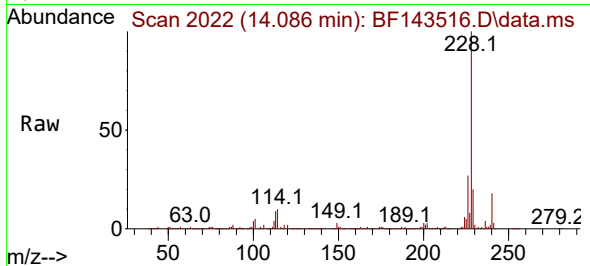




#81
Benzo(a)anthracene
Concen: 38.789 ng
RT: 14.086 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

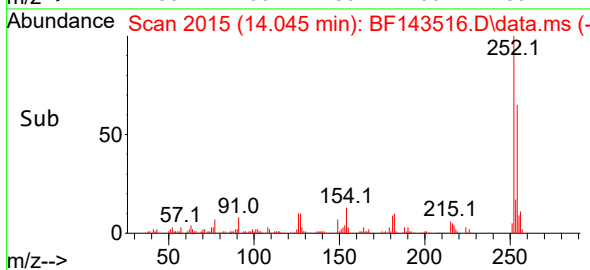
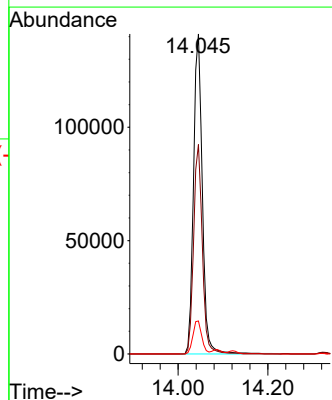
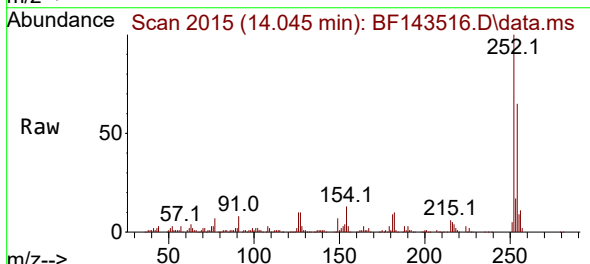
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

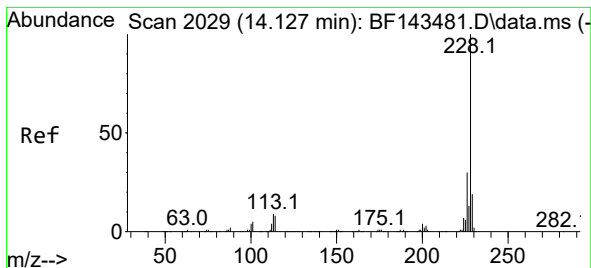
Tgt Ion:228 Resp: 612793
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 19.8 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 42.571 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143516.D
Acq: 21 Aug 2025 06:44

Tgt Ion:252 Resp: 192601
Ion Ratio Lower Upper
252 100
254 65.5 52.6 79.0
126 10.3 8.7 13.1





#83

Chrysene

Concen: 40.110 ng

RT: 14.121 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

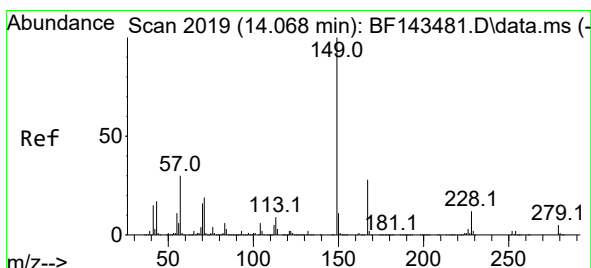
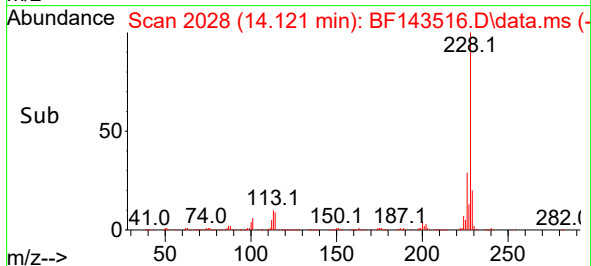
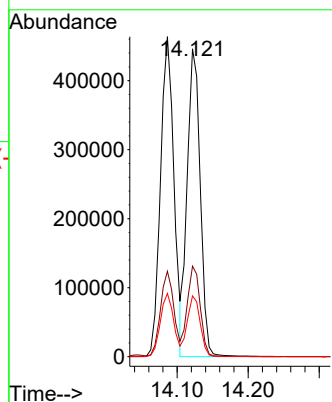
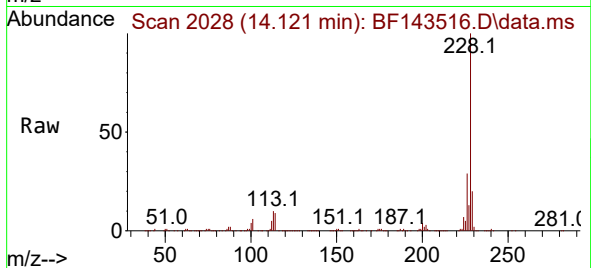
Tgt Ion:228 Resp: 569457

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.100 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

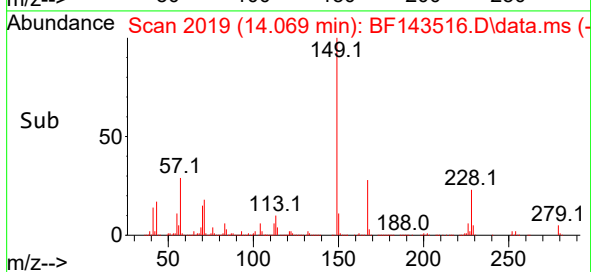
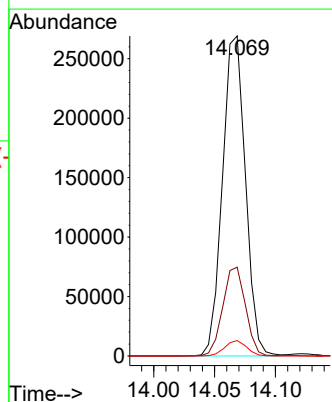
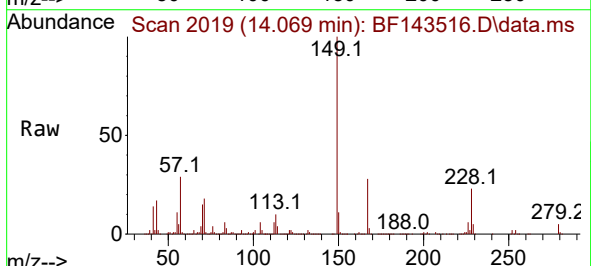
Tgt Ion:149 Resp: 353573

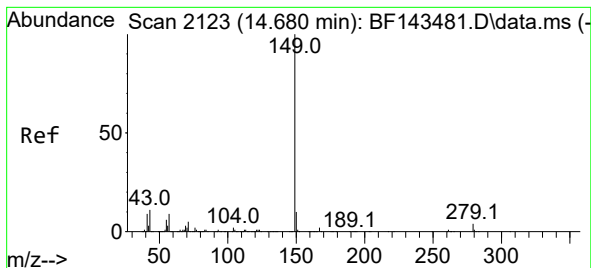
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.2

279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 42.003 ng

RT: 14.680 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

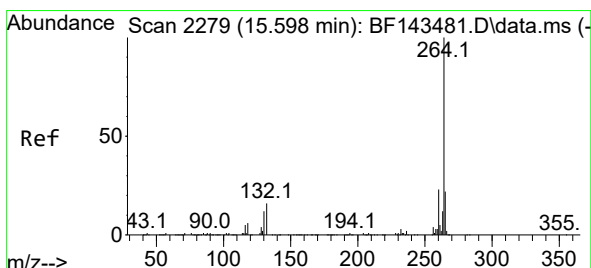
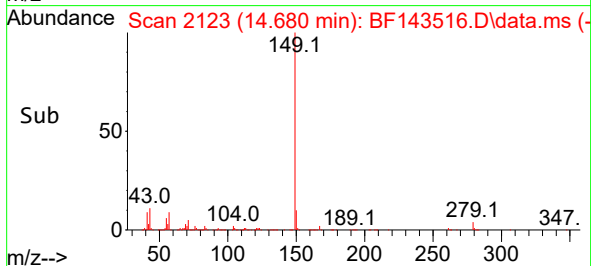
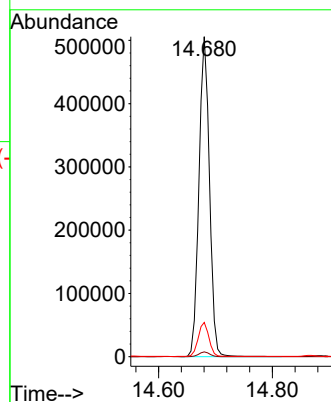
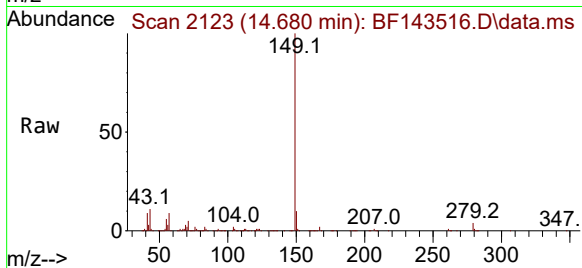
Tgt Ion:149 Resp: 653491

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.8 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

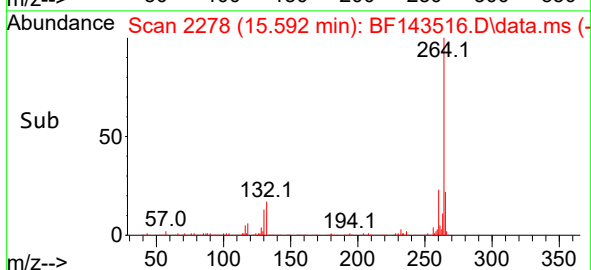
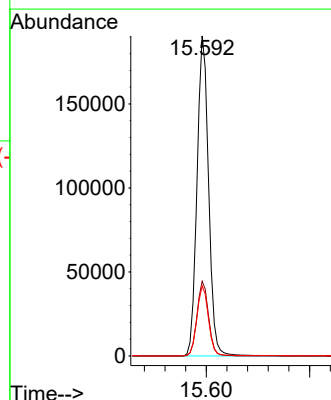
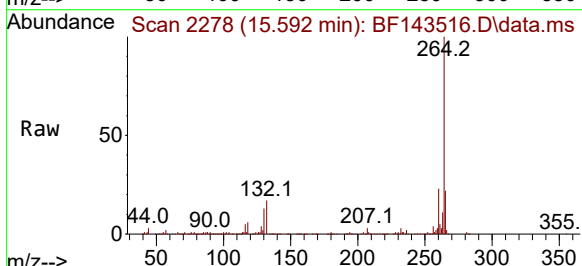
Tgt Ion:264 Resp: 295910

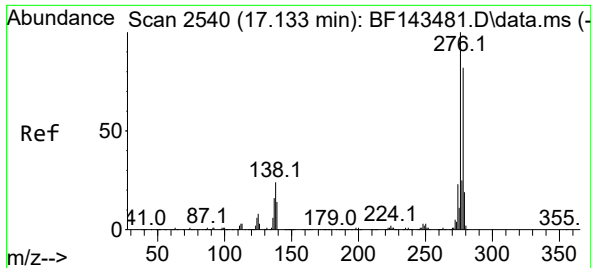
Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.9 17.6 26.4

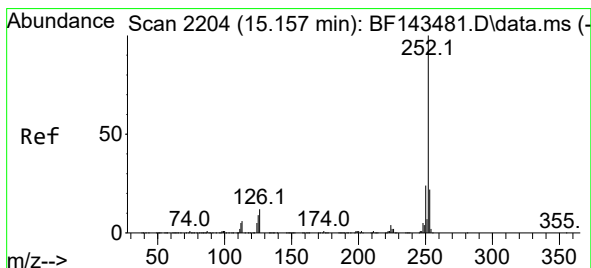
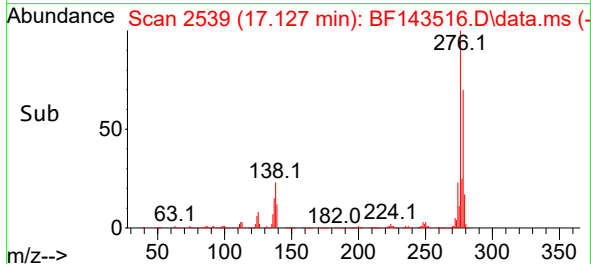
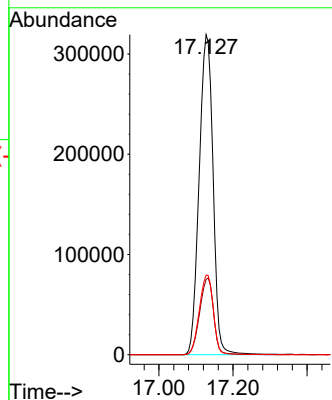
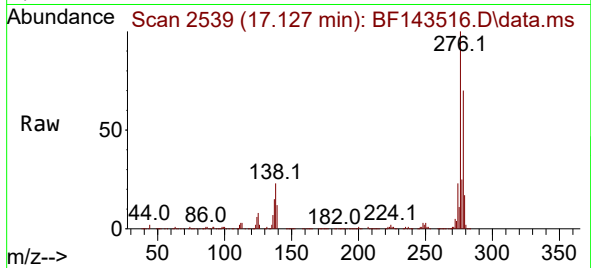




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.018 ng
 RT: 17.127 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF143516.D
 Acq: 21 Aug 2025 06:44

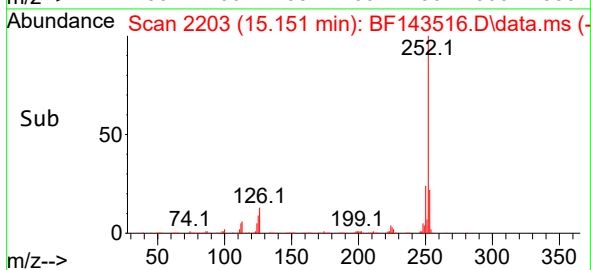
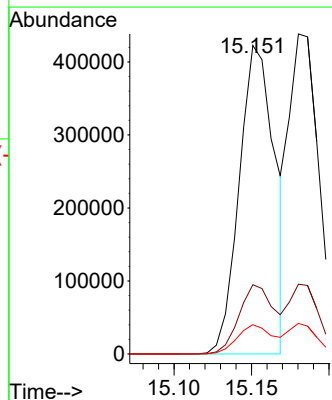
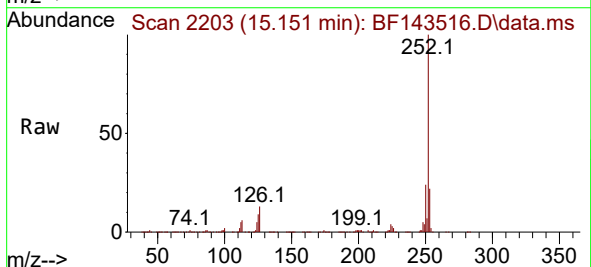
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

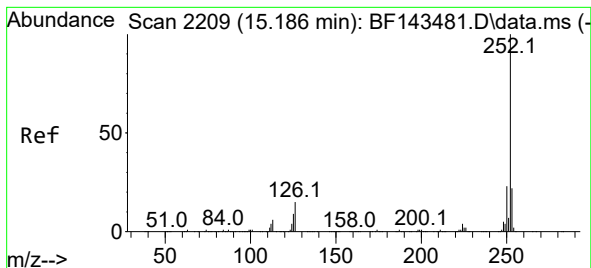
Tgt Ion:276 Resp: 829688
 Ion Ratio Lower Upper
 276 100
 138 23.9 19.2 28.8
 277 25.2 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 40.852 ng
 RT: 15.151 min Scan# 2203
 Delta R.T. -0.006 min
 Lab File: BF143516.D
 Acq: 21 Aug 2025 06:44

Tgt Ion:252 Resp: 671954
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.5 26.3
 125 9.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 37.893 ng

RT: 15.180 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

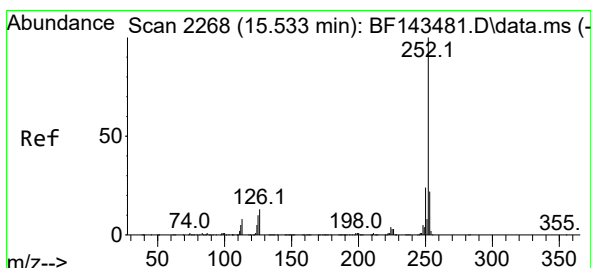
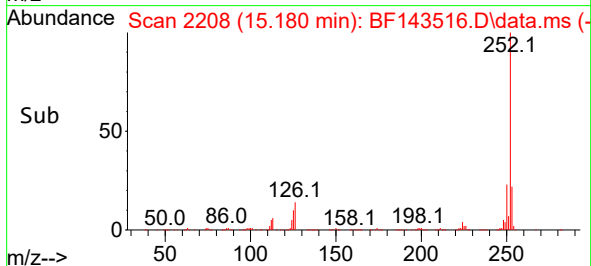
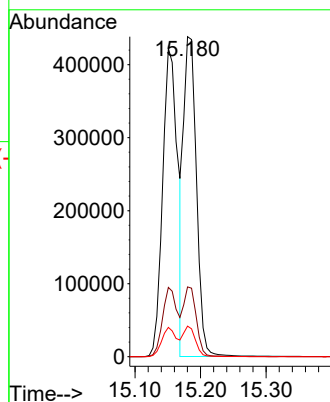
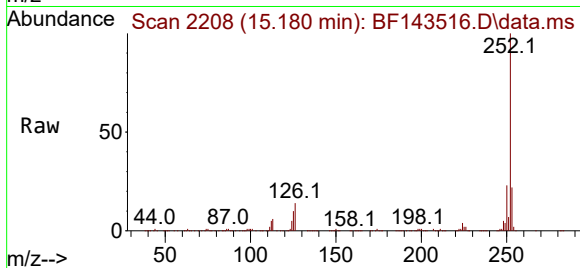
Tgt Ion:252 Resp: 596771

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 9.6 7.4 11.0



#90

Benzo(a)pyrene

Concen: 40.175 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143516.D

Acq: 21 Aug 2025 06:44

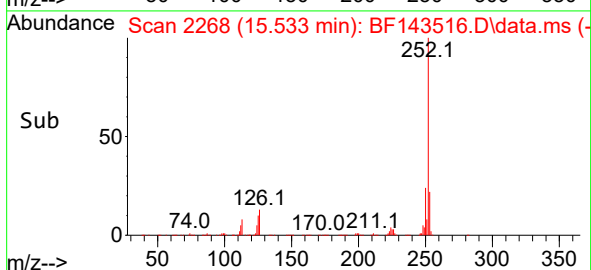
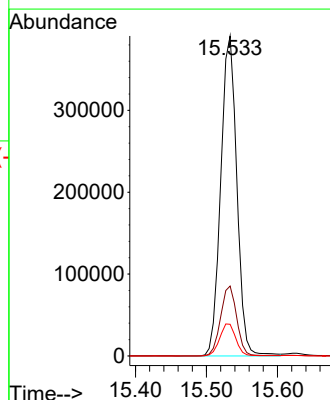
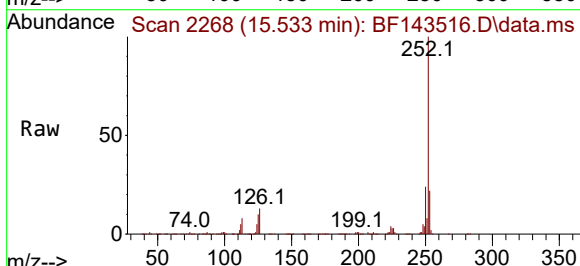
Tgt Ion:252 Resp: 613387

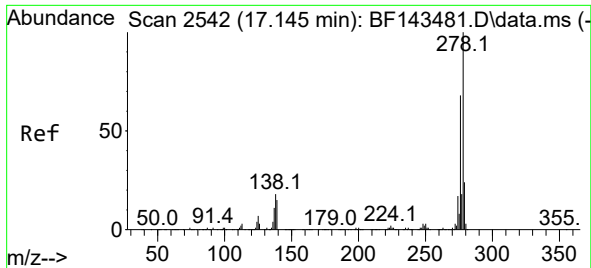
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.9 8.2 12.2

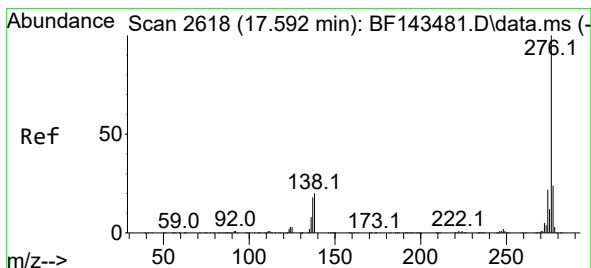
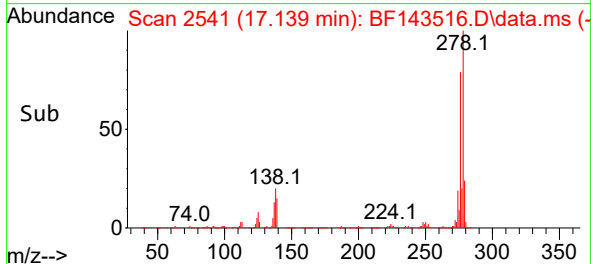
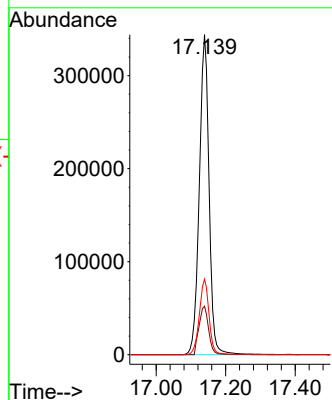
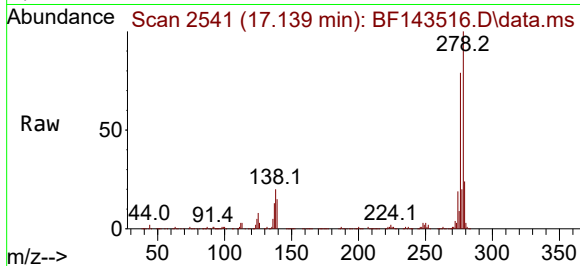




#91
 Dibenzo(a,h)anthracene
 Concen: 39.400 ng
 RT: 17.139 min Scan# 2541
 Delta R.T. -0.018 min
 Lab File: BF143516.D
 Acq: 21 Aug 2025 06:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:278 Resp: 670989
 Ion Ratio Lower Upper
 278 100
 139 15.1 12.1 18.1
 279 23.6 19.2 28.8



#92
 Benzo(g,h,i)perylene
 Concen: 37.945 ng
 RT: 17.586 min Scan# 2617
 Delta R.T. -0.018 min
 Lab File: BF143516.D
 Acq: 21 Aug 2025 06:44

Tgt Ion:276 Resp: 642548
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.9 28.3
 138 21.2 16.3 24.5

