

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143377.D
 Acq On : 14 Aug 2025 12:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 14 13:16:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	143032	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	542236	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	283411	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	404824	20.000	ng	0.00
76) Chrysene-d12	14.098	240	239234	20.000	ng	0.00
86) Perylene-d12	15.592	264	289673	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	619218	74.863	ng	0.00
7) Phenol-d6	6.563	99	763071	71.941	ng	0.00
23) Nitrobenzene-d5	7.492	82	688096	79.025	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	172272	83.174	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1221958	73.114	ng	0.00
79) Terphenyl-d14	13.039	244	982722	73.338	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	152653	35.666	ng	98
3) Pyridine	3.522	79	412638	36.179	ng	99
4) n-Nitrosodimethylamine	3.451	42	187367	35.267	ng	98
6) Aniline	6.598	93	530102	35.450	ng	97
8) 2-Chlorophenol	6.722	128	337460	38.182	ng	98
9) Benzaldehyde	6.487	77	233521	33.310	ng	98
10) Phenol	6.581	94	456448	36.326	ng	98
11) bis(2-Chloroethyl)ether	6.663	93	333589	36.022	ng	99
12) 1,3-Dichlorobenzene	6.881	146	368645	36.162	ng	98
13) 1,4-Dichlorobenzene	6.951	146	368057	35.973	ng	99
14) 1,2-Dichlorobenzene	7.104	146	353914	36.440	ng	99
15) Benzyl Alcohol	7.075	79	283480	37.284	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.204	45	598078	36.174	ng	98
17) 2-Methylphenol	7.187	107	271579	36.403	ng	100
18) Hexachloroethane	7.451	117	125788	39.214	ng	95
19) n-Nitroso-di-n-propyla...	7.339	70	228789	34.908	ng	98
20) 3+4-Methylphenols	7.339	107	331798	36.775	ng	97
22) Acetophenone	7.339	105	425087	35.580	ng	98
24) Nitrobenzene	7.510	77	359814	38.049	ng	98
25) Isophorone	7.751	82	628488	35.357	ng	99
26) 2-Nitrophenol	7.828	139	165535	44.009	ng	100
27) 2,4-Dimethylphenol	7.863	122	271658	36.632	ng	100
28) bis(2-Chloroethoxy)met...	7.957	93	395236	36.418	ng	100
29) 2,4-Dichlorophenol	8.075	162	280574	38.736	ng	99
30) 1,2,4-Trichlorobenzene	8.157	180	286115	37.448	ng	99
31) Naphthalene	8.239	128	950950	36.447	ng	100
32) Benzoic acid	7.975	122	133895	43.135	ng	99
33) 4-Chloroaniline	8.281	127	341490	36.287	ng	99
34) Hexachlorobutadiene	8.357	225	181385	38.164	ng	99
35) Caprolactam	8.639	113	76059	37.353	ng	96
36) 4-Chloro-3-methylphenol	8.763	107	282403	37.191	ng	99
37) 2-Methylnaphthalene	8.928	142	622239	36.276	ng	99
38) 1-Methylnaphthalene	9.028	142	599818	36.308	ng	99
40) 1,2,4,5-Tetrachloroben...	9.098	216	293706	37.871	ng	99
41) Hexachlorocyclopentadiene	9.086	237	122851	47.813	ng	99
43) 2,4,6-Trichlorophenol	9.210	196	179680	40.834	ng	99

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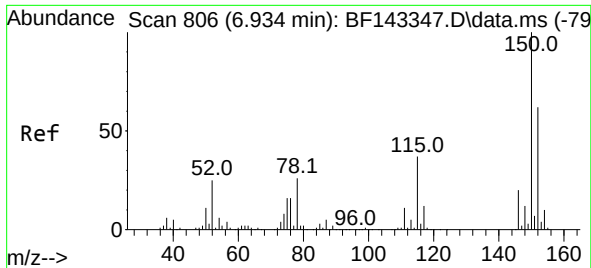
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	195288	39.301	ng	98
46) 1,1'-Biphenyl	9.392	154	727640	36.312	ng	100
47) 2-Chloronaphthalene	9.416	162	575800	36.485	ng	99
48) 2-Nitroaniline	9.510	65	174216	38.835	ng	98
49) Acenaphthylene	9.833	152	822757	36.100	ng	99
50) Dimethylphthalate	9.681	163	605945	36.590	ng	100
51) 2,6-Dinitrotoluene	9.745	165	122638	39.683	ng	97
52) Acenaphthene	10.004	154	543801	35.890	ng	99
53) 3-Nitroaniline	9.916	138	138234	40.760	ng	98
54) 2,4-Dinitrophenol	10.028	184	37998	39.881	ng	90
55) Dibenzofuran	10.175	168	787502	36.113	ng	99
56) 4-Nitrophenol	10.080	139	80105	33.008	ng	96
57) 2,4-Dinitrotoluene	10.151	165	163031	39.758	ng	92
58) Fluorene	10.522	166	593649	35.641	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.298	232	141719	42.309	ng	97
60) Diethylphthalate	10.386	149	549288	37.031	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	293085	36.416	ng	99
62) 4-Nitroaniline	10.528	138	124208	37.855	ng	99
63) Azobenzene	10.669	77	600012	35.414	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	69944	43.506	ng	95
66) n-Nitrosodiphenylamine	10.627	169	498392	37.389	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	178131	38.474	ng	99
68) Hexachlorobenzene	11.075	284	186624	37.395	ng	99
69) Atrazine	11.151	200	135519	38.979	ng	100
70) Pentachlorophenol	11.269	266	75453	34.523	ng	94
71) Phenanthrene	11.480	178	808775	36.618	ng	100
72) Anthracene	11.533	178	823989	36.786	ng	99
73) Carbazole	11.686	167	672887	35.273	ng	99
74) Di-n-butylphthalate	12.016	149	677330	41.959	ng	100
75) Fluoranthene	12.674	202	695831	35.965	ng	98
77) Benzidine	12.786	184	257151	39.317	ng	98
78) Pyrene	12.904	202	703812	35.069	ng	100
80) Butylbenzylphthalate	13.510	149	198206	49.838	ng	98
81) Benzo(a)anthracene	14.086	228	575793	37.867	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	165667	40.349	ng	99
83) Chrysene	14.127	228	496975	35.052	ng	100
84) Bis(2-ethylhexyl)phtha...	14.074	149	293859	50.177	ng	98
85) Di-n-octyl phthalate	14.686	149	552169	47.599	ng	97
87) Indeno(1,2,3-cd)pyrene	17.121	276	820270	39.525	ng	99
88) Benzo(b)fluoranthene	15.151	252	585035	36.925	ng	99
89) Benzo(k)fluoranthene	15.180	252	538537	34.980	ng	100
90) Benzo(a)pyrene	15.533	252	550144	36.867	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	657670	39.667	ng	99
92) Benzo(g,h,i)perylene	17.586	276	662349	39.657	ng	100

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

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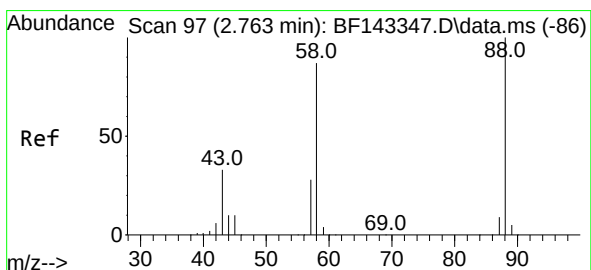
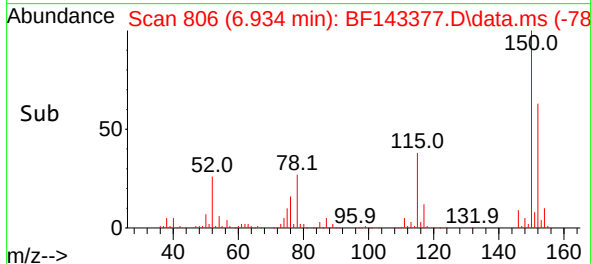
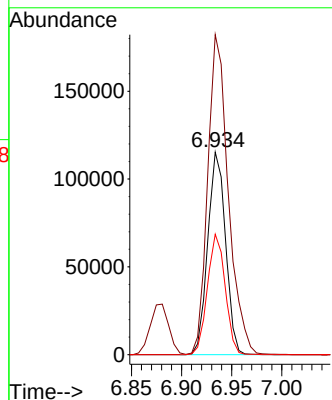
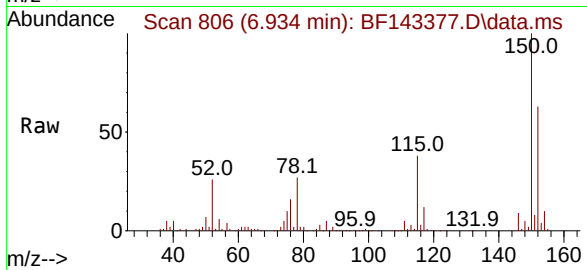




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.934 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF143377.D
 Acq: 14 Aug 2025 12:55

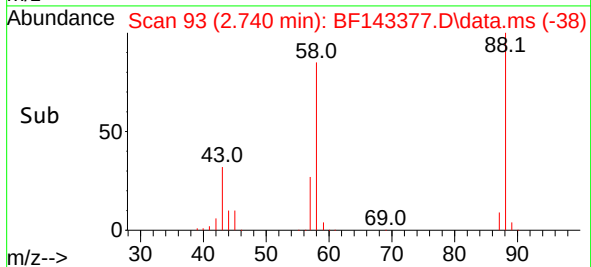
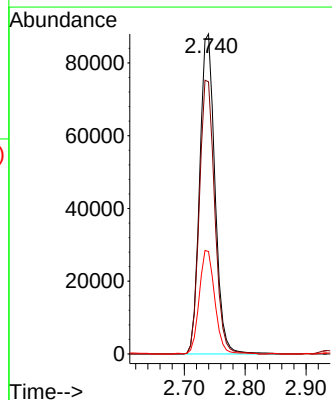
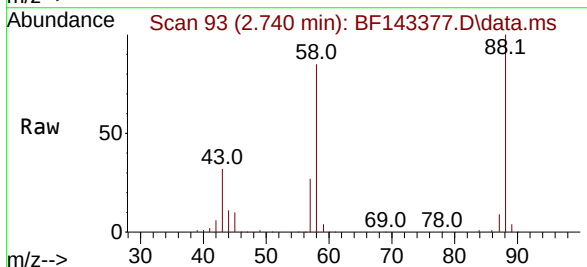
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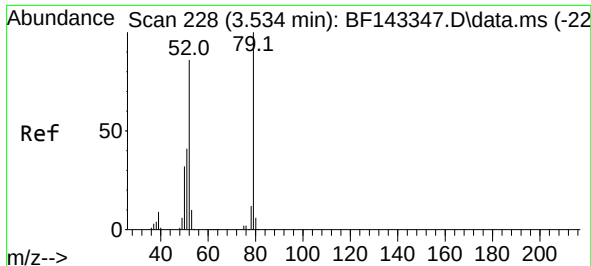
Tgt Ion:152 Resp: 143032
 Ion Ratio Lower Upper
 152 100
 150 158.0 129.8 194.8
 115 59.5 47.8 71.8



#2
 1,4-Dioxane
 Concen: 35.666 ng
 RT: 2.740 min Scan# 93
 Delta R.T. -0.024 min
 Lab File: BF143377.D
 Acq: 14 Aug 2025 12:55

Tgt Ion: 88 Resp: 152653
 Ion Ratio Lower Upper
 88 100
 58 86.1 71.0 106.6
 43 33.1 27.0 40.6





#3

Pyridine

Concen: 36.179 ng

RT: 3.522 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

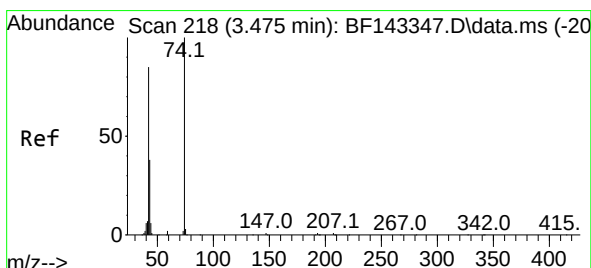
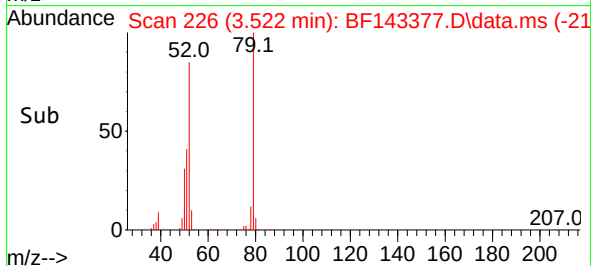
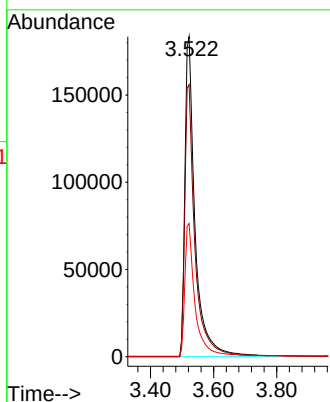
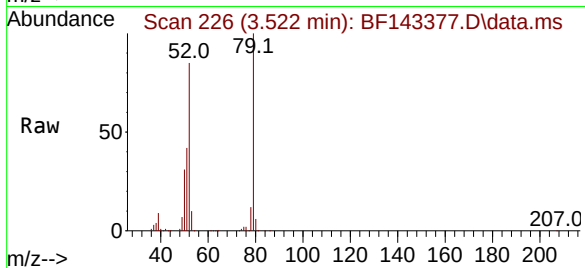
Tgt Ion: 79 Resp: 412638

Ion Ratio Lower Upper

79 100

52 85.0 68.7 103.1

51 41.6 33.4 50.0



#4

n-Nitrosodimethylamine

Concen: 35.267 ng

RT: 3.451 min Scan# 214

Delta R.T. -0.024 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

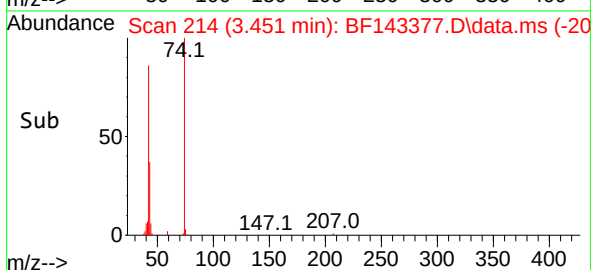
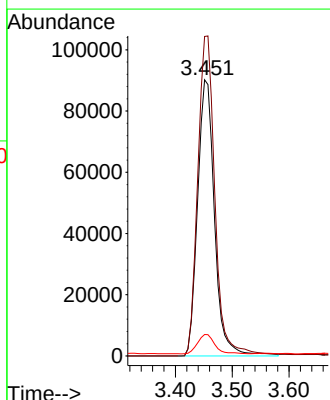
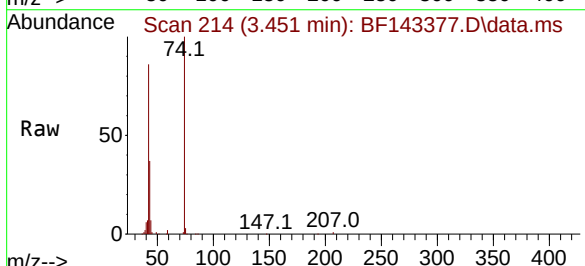
Tgt Ion: 42 Resp: 187367

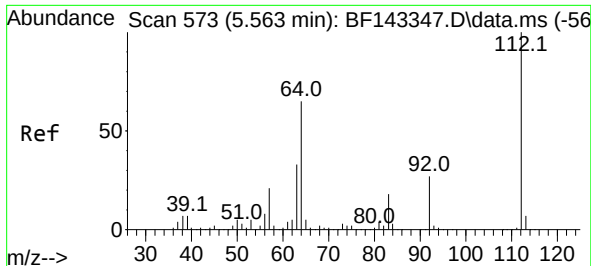
Ion Ratio Lower Upper

42 100

74 115.7 94.1 141.1

44 7.8 6.5 9.7

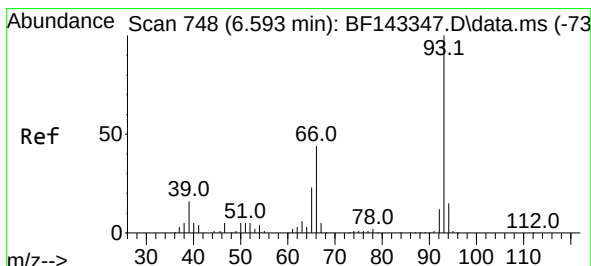
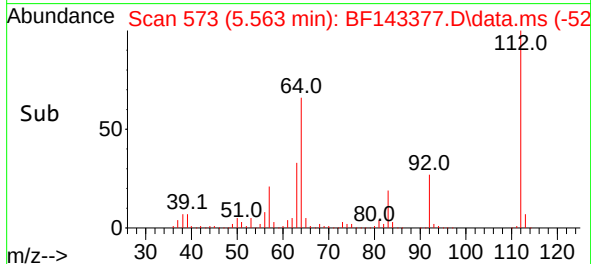
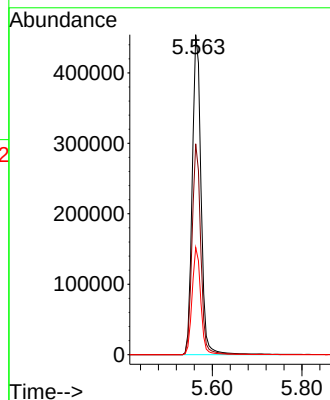
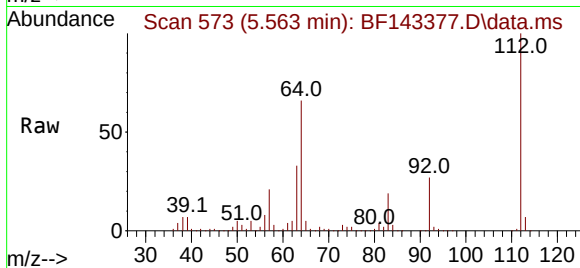




#5
2-Fluorophenol
Concen: 74.863 ng
RT: 5.563 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

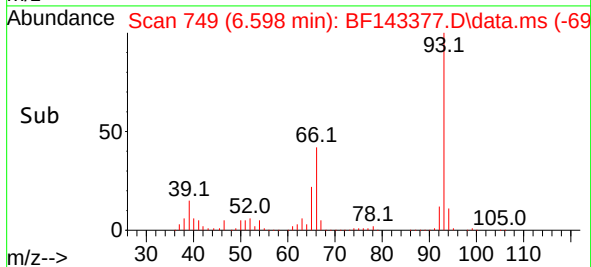
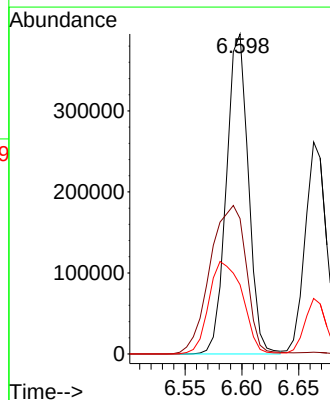
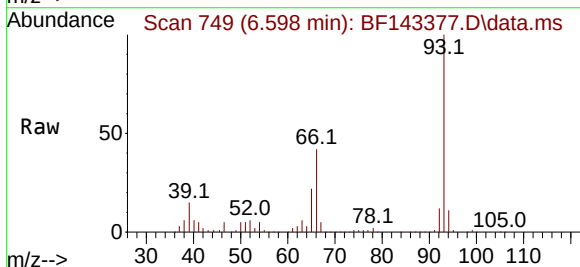
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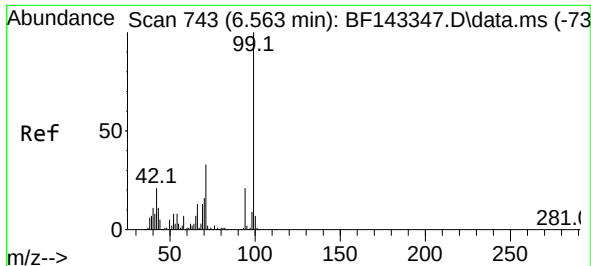
Tgt Ion:112 Resp: 619218
Ion Ratio Lower Upper
112 100
64 65.9 52.1 78.1
63 33.5 26.6 39.8



#6
Aniline
Concen: 35.450 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion: 93 Resp: 530102
Ion Ratio Lower Upper
93 100
66 42.3 35.3 52.9
65 21.6 18.2 27.4

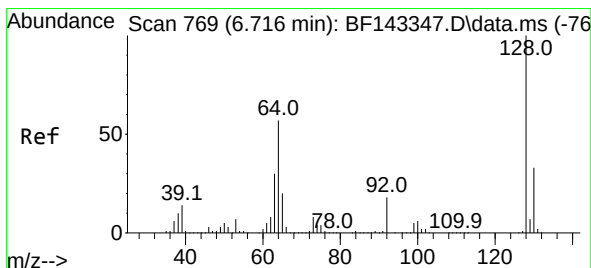
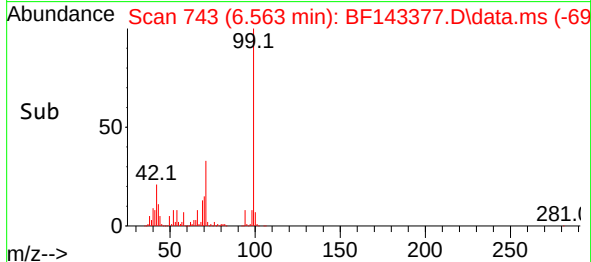
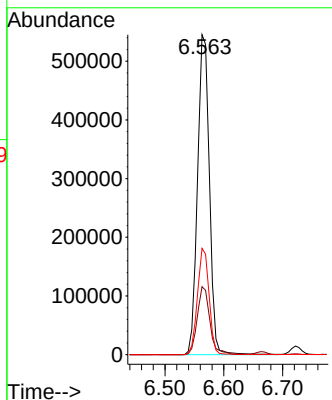
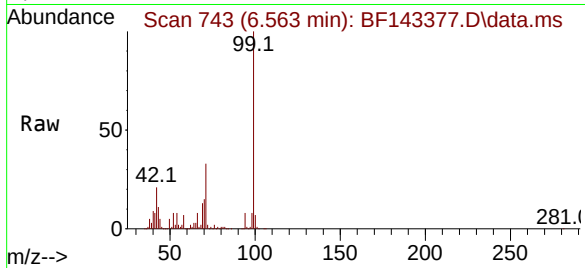




#7
Phenol-d6
Concen: 71.941 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

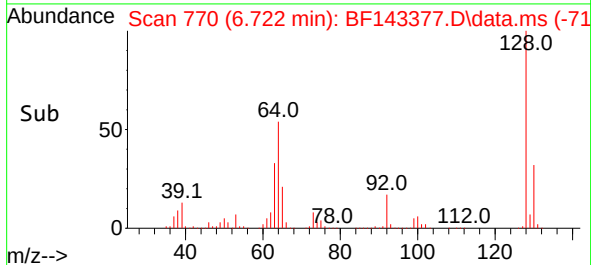
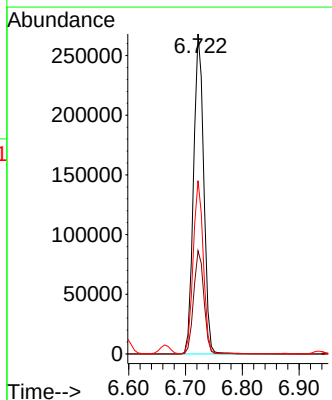
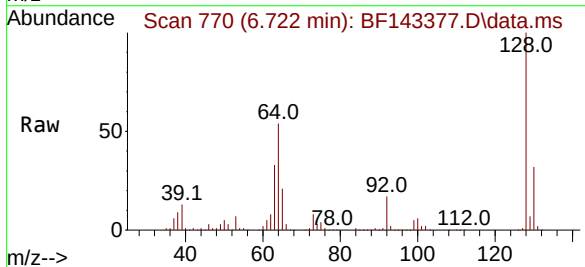
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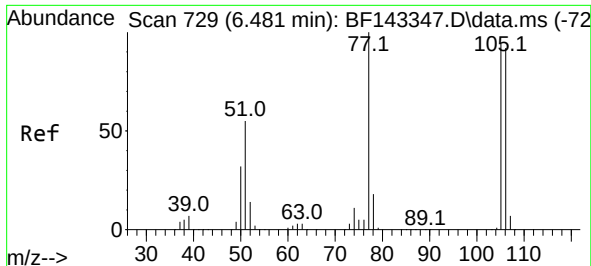
Tgt Ion: 99 Resp: 763071
Ion Ratio Lower Upper
99 100
42 21.2 16.6 25.0
71 33.2 26.2 39.2



#8
2-Chlorophenol
Concen: 38.182 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion: 128 Resp: 337460
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 54.2 36.7 76.7

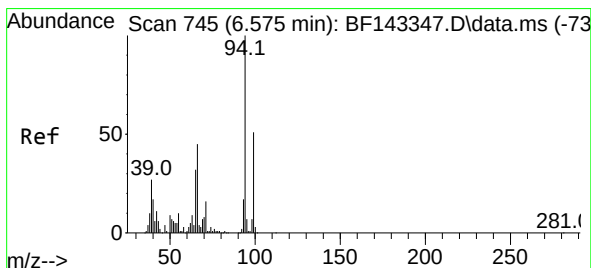
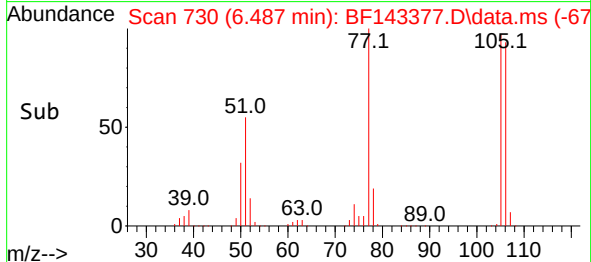
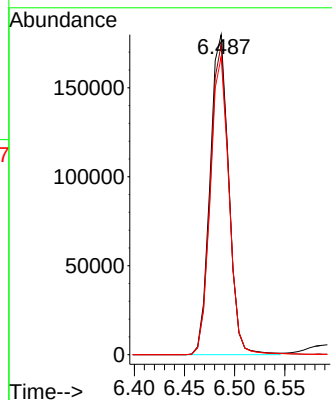
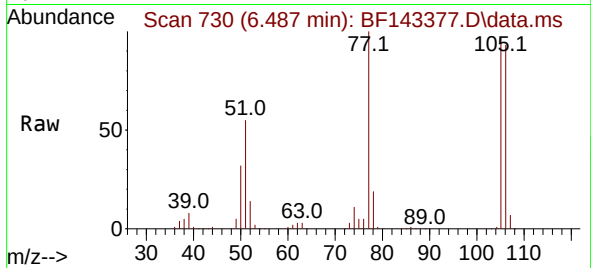




#9
Benzaldehyde
Concen: 33.310 ng
RT: 6.487 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

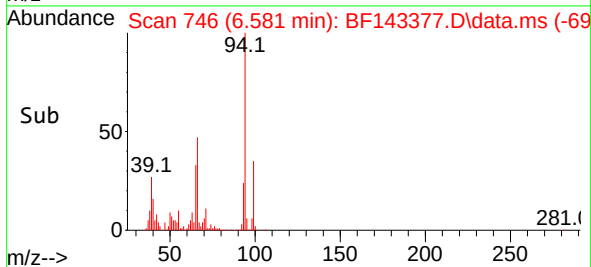
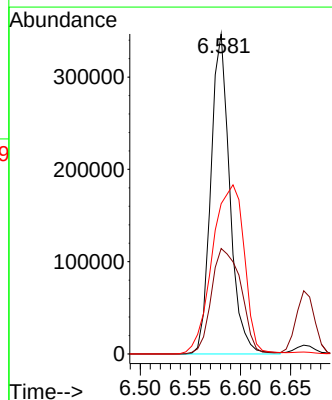
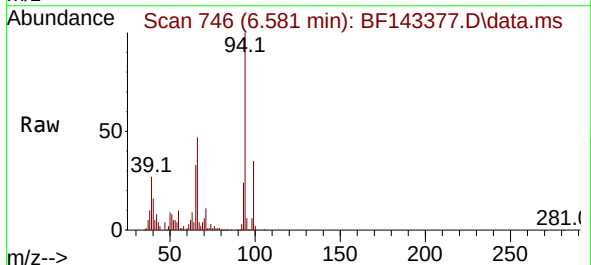
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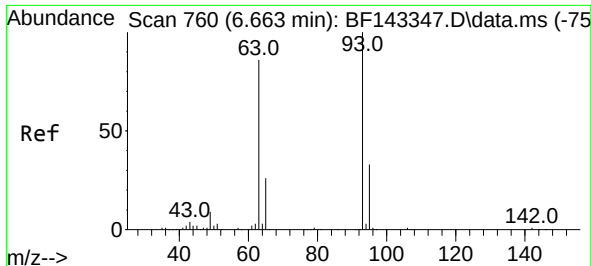
Tgt Ion: 77 Resp: 233521
Ion Ratio Lower Upper
77 100
105 96.8 74.2 114.2
106 93.2 72.2 112.2



#10
Phenol
Concen: 36.326 ng
RT: 6.581 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion: 94 Resp: 456448
Ion Ratio Lower Upper
94 100
65 32.9 12.0 52.0
66 47.0 25.6 65.6





#11

bis(2-Chloroethyl)ether

Concen: 36.022 ng

RT: 6.663 min Scan# 760

Delta R.T. -0.000 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

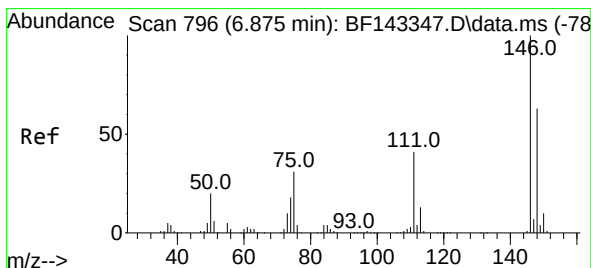
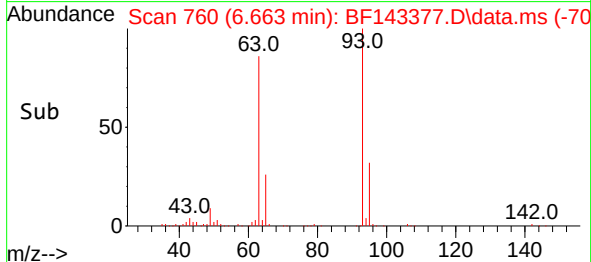
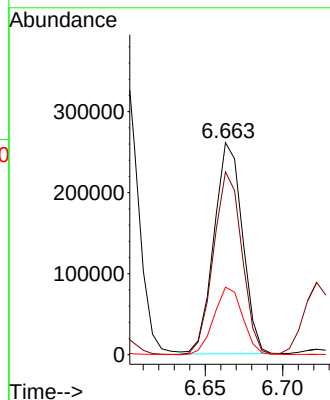
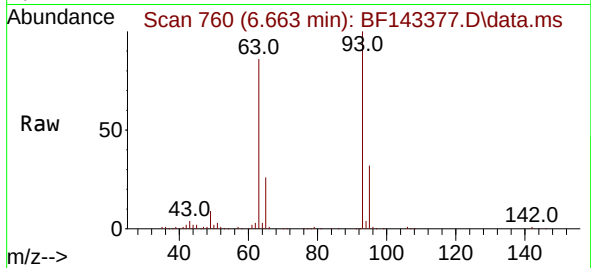
Tgt Ion: 93 Resp: 333589

Ion Ratio Lower Upper

93 100

63 86.3 65.7 105.7

95 31.9 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 36.162 ng

RT: 6.881 min Scan# 797

Delta R.T. 0.006 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

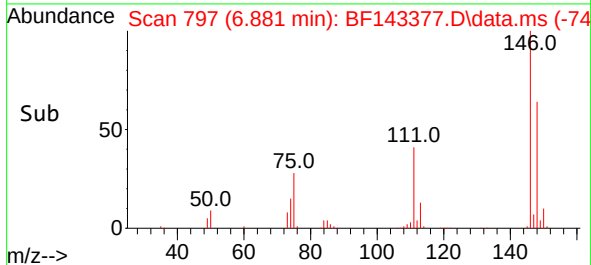
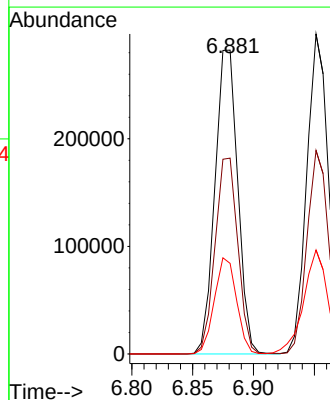
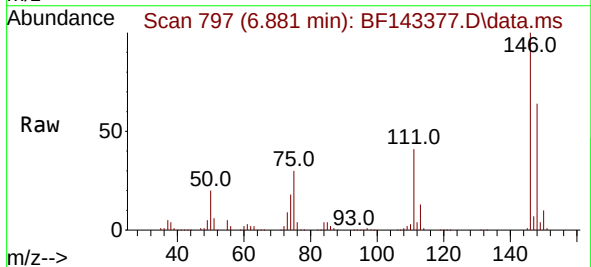
Tgt Ion:146 Resp: 368645

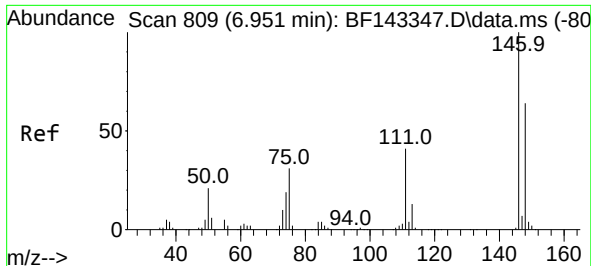
Ion Ratio Lower Upper

146 100

148 64.5 50.5 75.7

75 29.8 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 35.973 ng

RT: 6.951 min Scan# 809

Delta R.T. -0.000 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

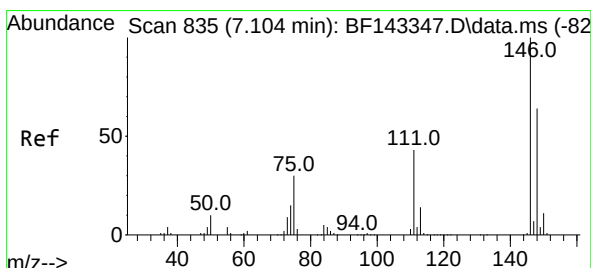
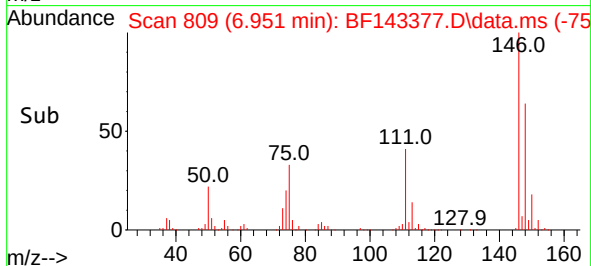
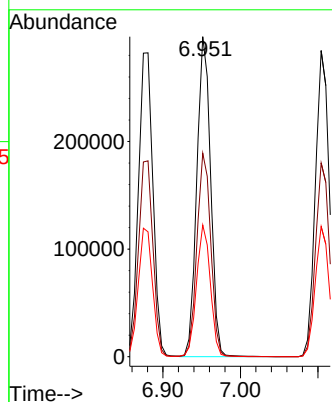
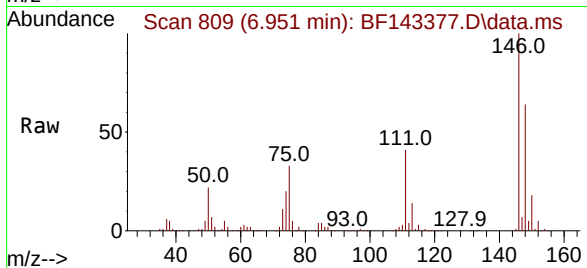
Tgt Ion:146 Resp: 368057

Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.0

111 41.2 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 36.440 ng

RT: 7.104 min Scan# 835

Delta R.T. -0.000 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

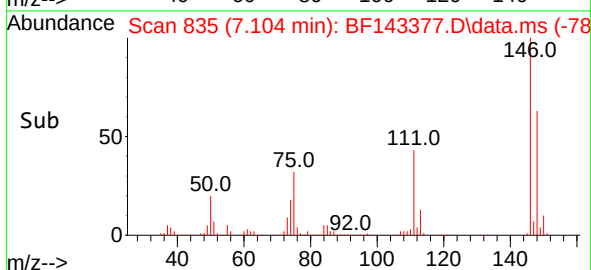
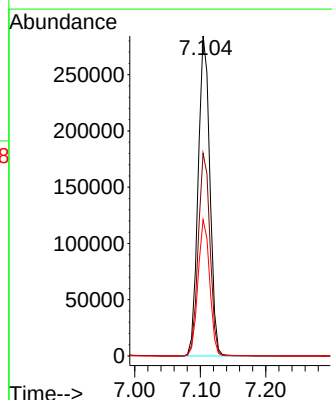
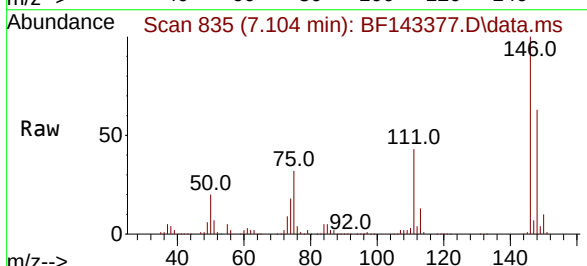
Tgt Ion:146 Resp: 353914

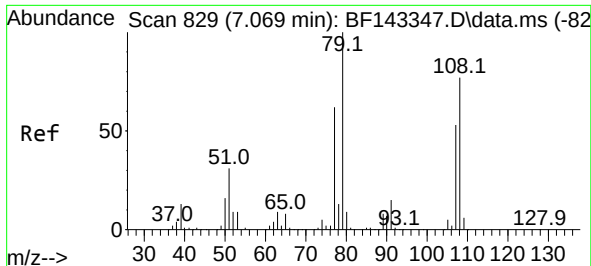
Ion Ratio Lower Upper

146 100

148 63.3 51.4 77.2

111 42.6 34.1 51.1

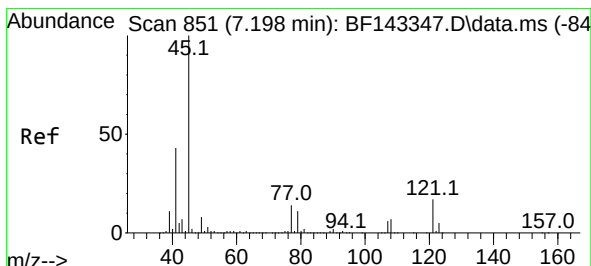
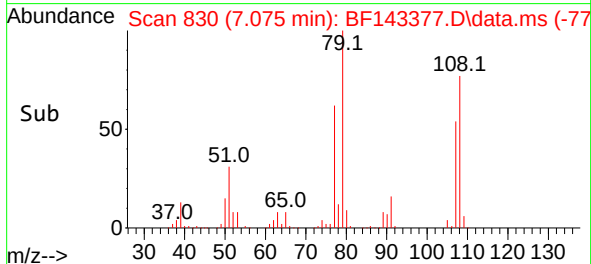
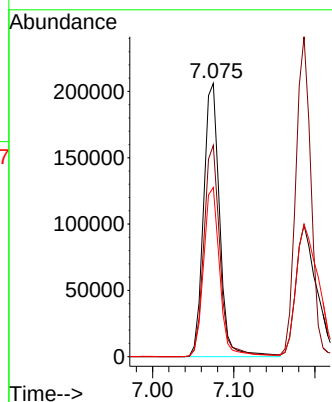
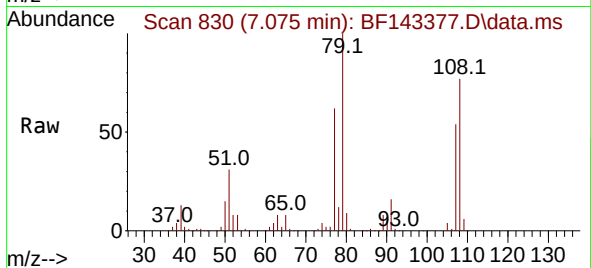




#15
Benzyl Alcohol
Concen: 37.284 ng
RT: 7.075 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

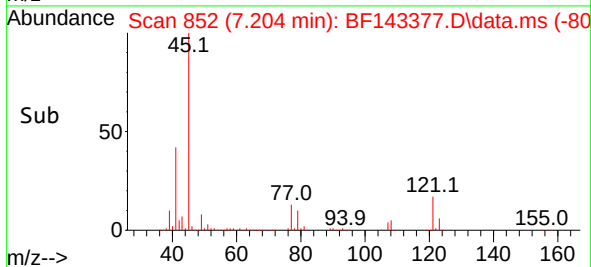
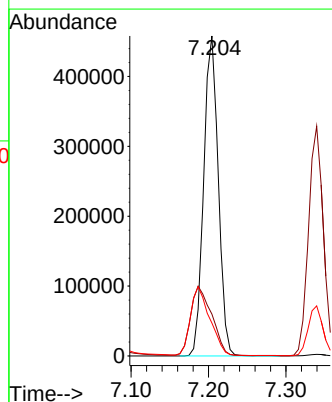
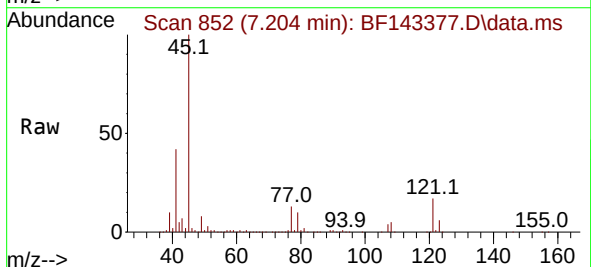
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

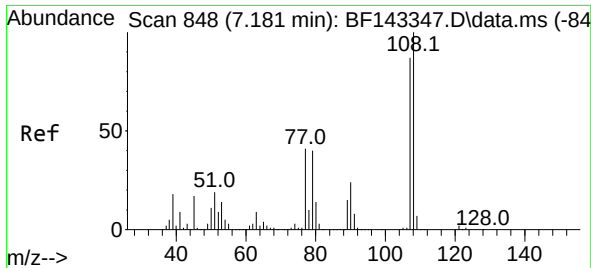
Tgt Ion: 79 Resp: 283480
Ion Ratio Lower Upper
79 100
108 77.3 61.5 92.3
77 62.0 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.174 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion: 45 Resp: 598078
Ion Ratio Lower Upper
45 100
77 13.1 0.0 34.0
79 10.3 0.0 31.1

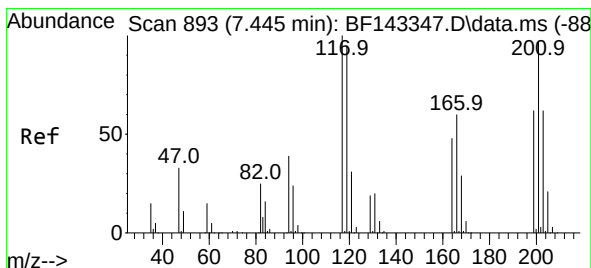
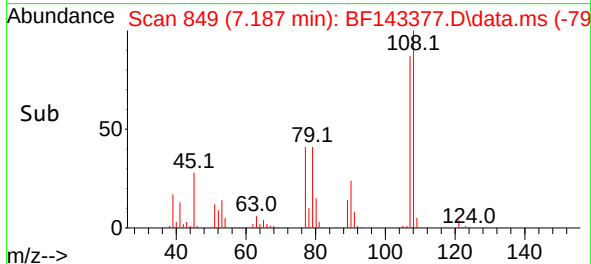
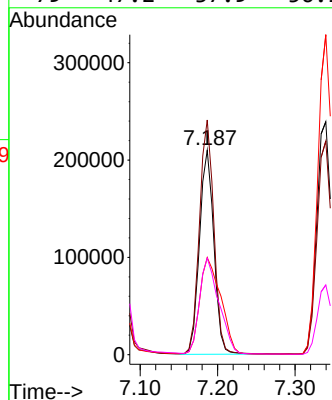
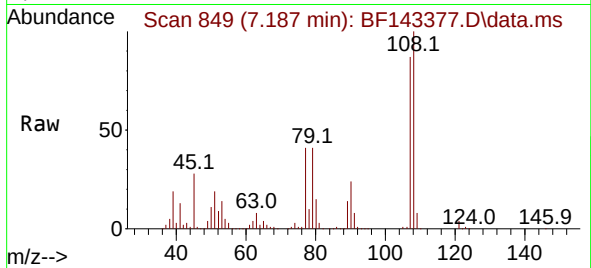




#17
2-Methylphenol
Concen: 36.403 ng
RT: 7.187 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

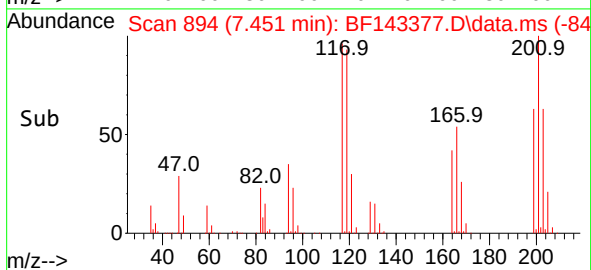
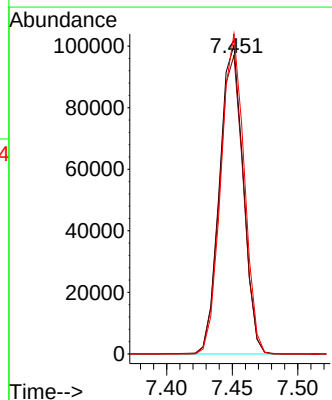
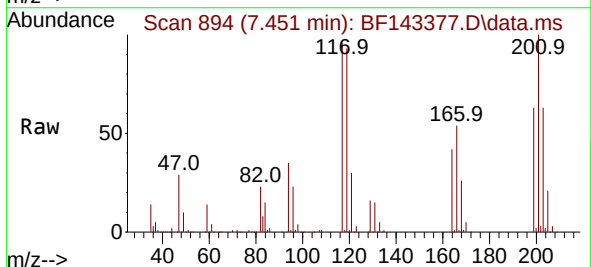
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

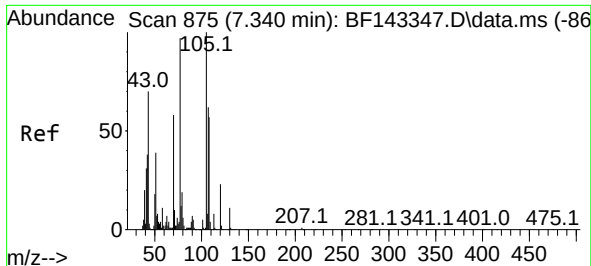
Tgt Ion:	107	Resp:	271579
Ion	Ratio	Lower	Upper
107	100		
108	114.8	92.0	138.0
77	47.5	38.2	57.2
79	47.2	37.9	56.9



#18
Hexachloroethane
Concen: 39.214 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion:	117	Resp:	125788
Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.8	113.8
201	103.7	77.2	115.8



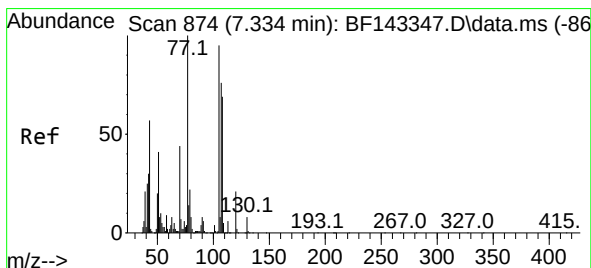
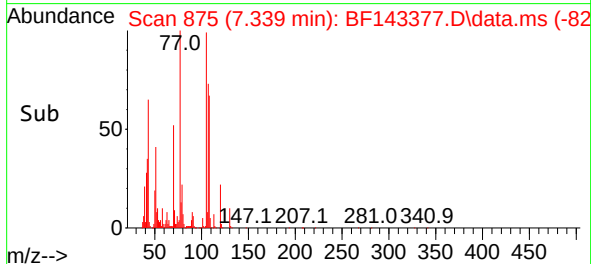
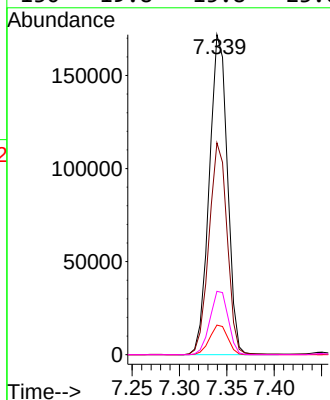
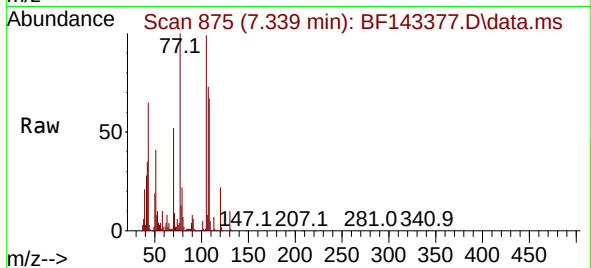


#19
n-Nitroso-di-n-propylamine
Concen: 34.908 ng
RT: 7.339 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 228789

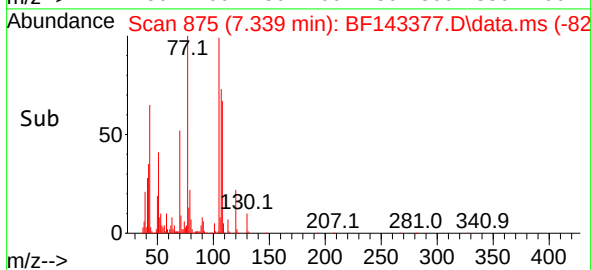
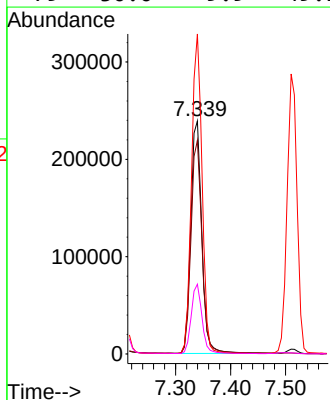
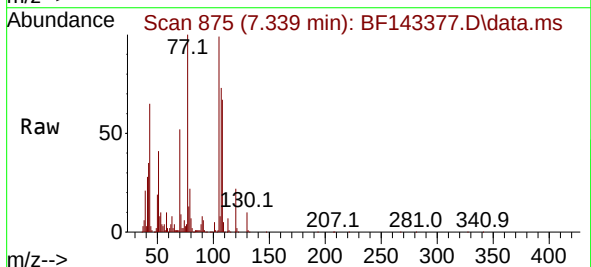
Ion	Ratio	Lower	Upper
70	100		
42	66.2	51.6	77.4
101	9.2	7.5	11.3
130	19.8	15.8	23.6

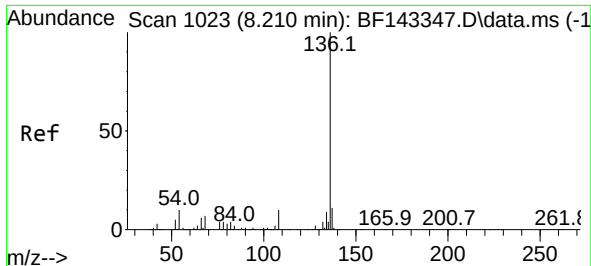


#20
3+4-Methylphenols
Concen: 36.775 ng
RT: 7.339 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion: 107 Resp: 331798

Ion	Ratio	Lower	Upper
107	100		
108	91.7	70.6	110.6
77	137.4	112.0	152.0
79	30.0	9.9	49.9

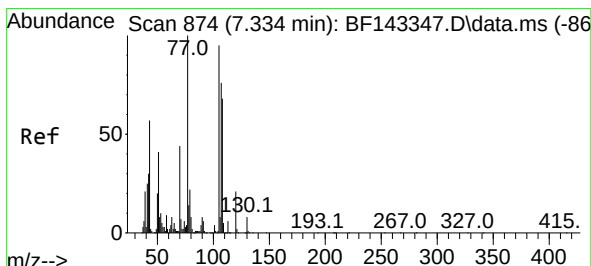
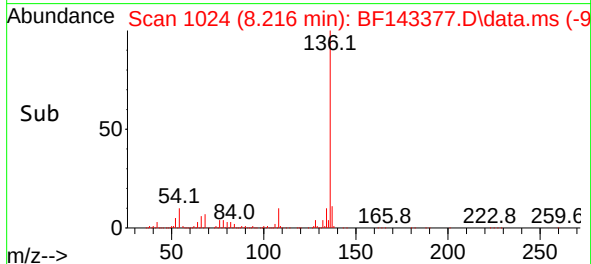
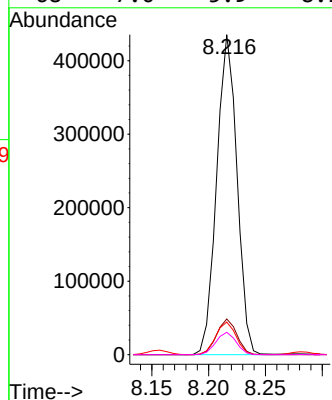
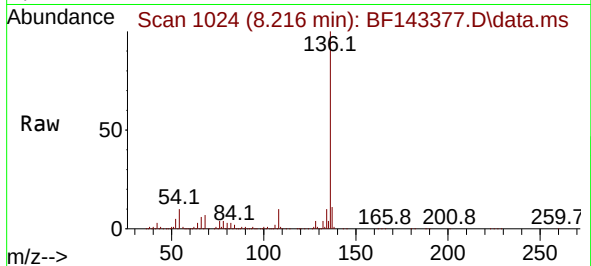




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

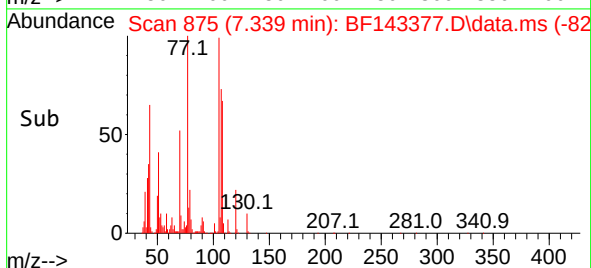
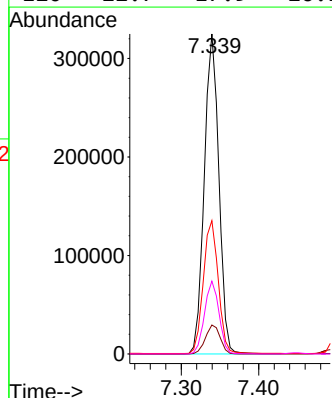
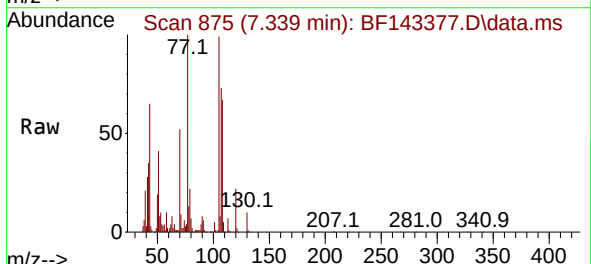
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

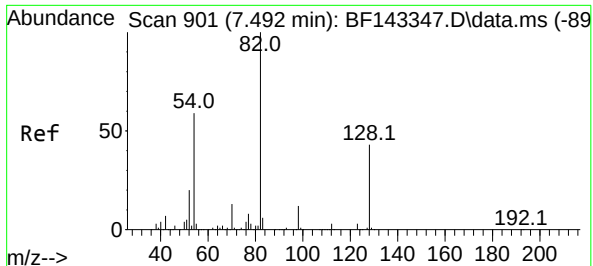
Tgt Ion:136	Resp: 542236
Ion Ratio	Lower Upper
136	100
137	11.1 8.6 13.0
54	10.2 8.4 12.6
68	7.0 5.9 8.9



#22
Acetophenone
Concen: 35.580 ng
RT: 7.339 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion:105	Resp: 425087
Ion Ratio	Lower Upper
105	100
71	9.1 6.2 9.4
51	41.7 34.8 52.2
120	22.7 17.9 26.9





#23

Nitrobenzene-d5

Concen: 79.025 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

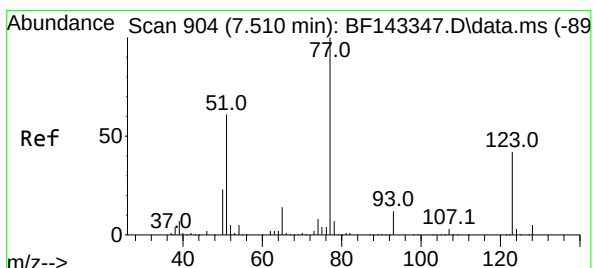
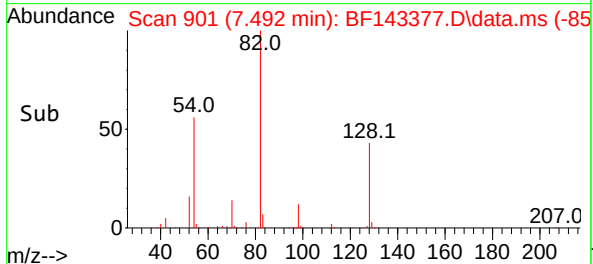
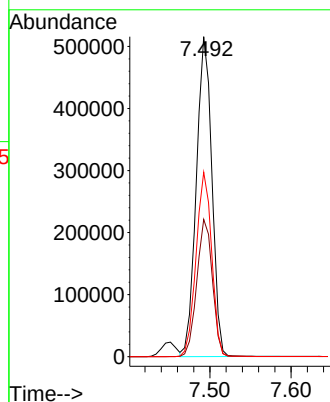
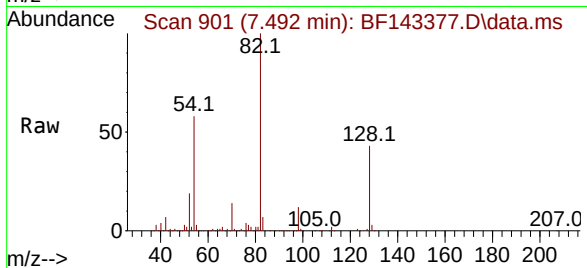
Tgt Ion: 82 Resp: 688096

Ion Ratio Lower Upper

82 100

128 42.9 33.5 50.3

54 57.6 46.7 70.1



#24

Nitrobenzene

Concen: 38.049 ng

RT: 7.510 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

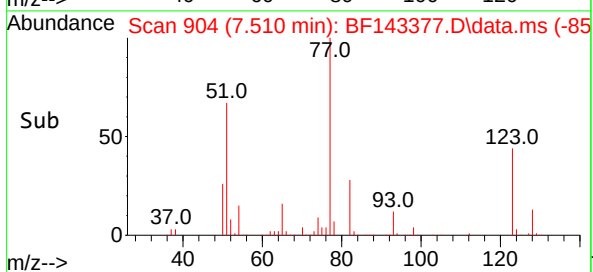
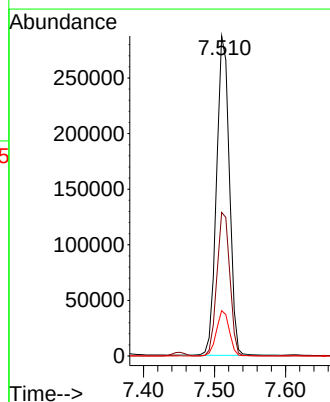
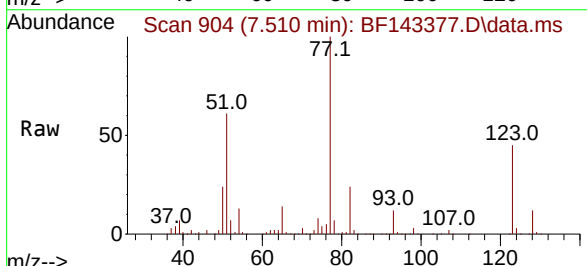
Tgt Ion: 77 Resp: 359814

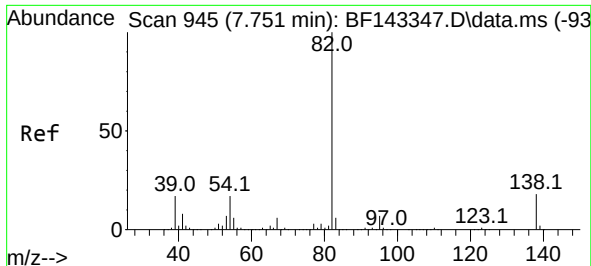
Ion Ratio Lower Upper

77 100

123 44.8 34.8 52.2

65 14.2 11.0 16.6

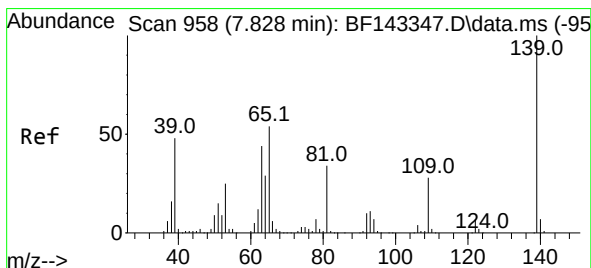
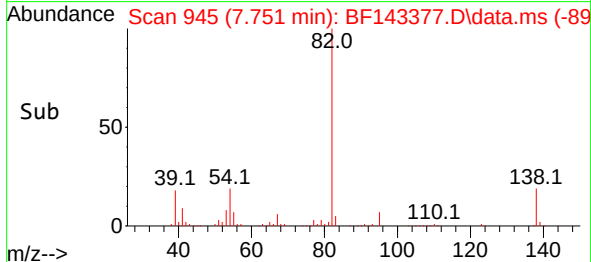
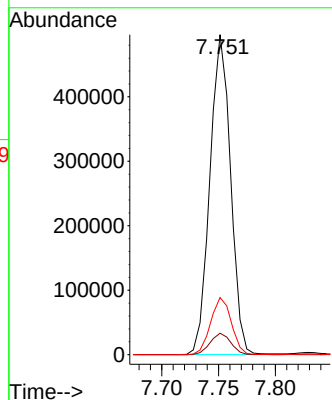
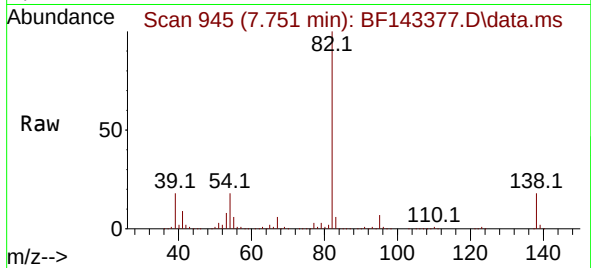




#25
Isophorone
Concen: 35.357 ng
RT: 7.751 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

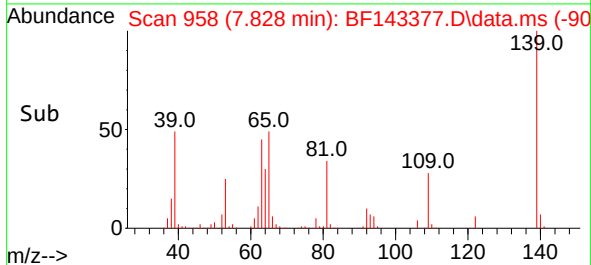
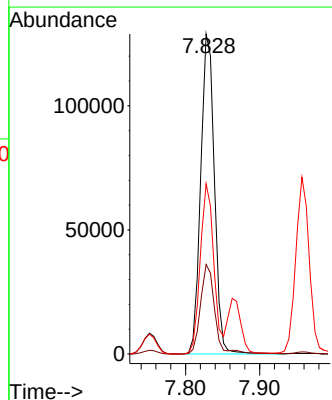
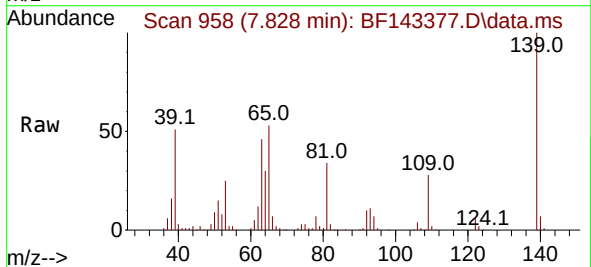
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

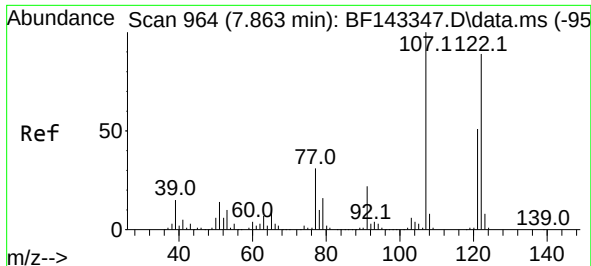
Tgt Ion: 82 Resp: 628488
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.9 14.6 21.8



#26
2-Nitrophenol
Concen: 44.009 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion:139 Resp: 165535
Ion Ratio Lower Upper
139 100
109 28.0 22.4 33.6
65 53.2 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 36.632 ng

RT: 7.863 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

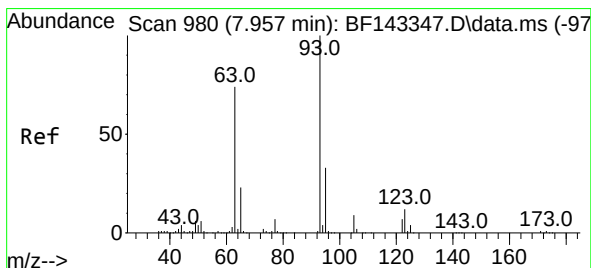
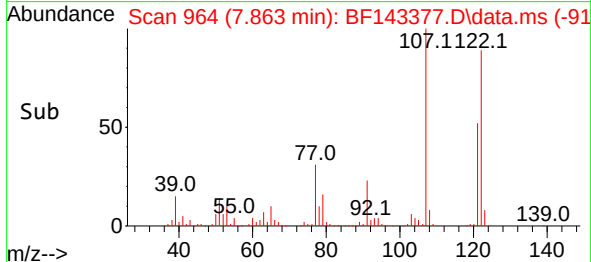
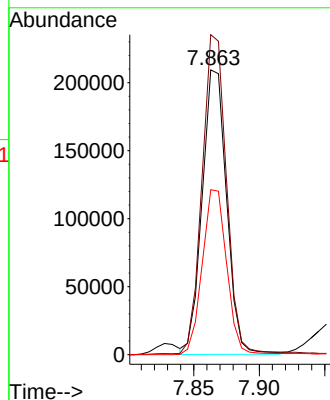
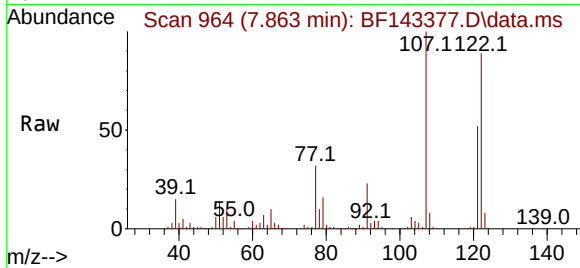
Tgt Ion:122 Resp: 271658

Ion Ratio Lower Upper

122 100

107 112.3 89.9 134.9

121 57.9 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 36.418 ng

RT: 7.957 min Scan# 980

Delta R.T. -0.000 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

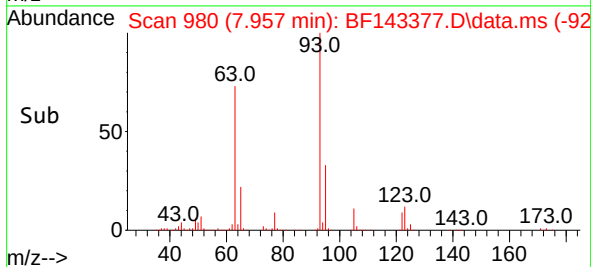
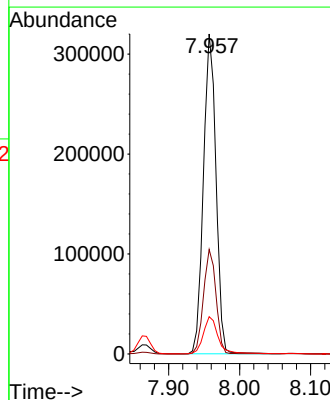
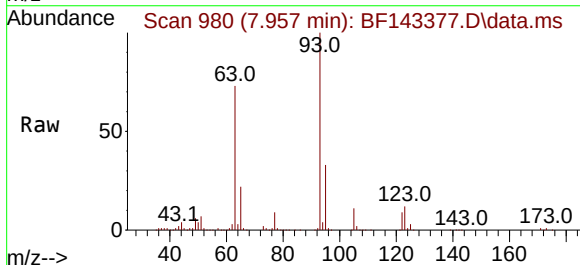
Tgt Ion: 93 Resp: 395236

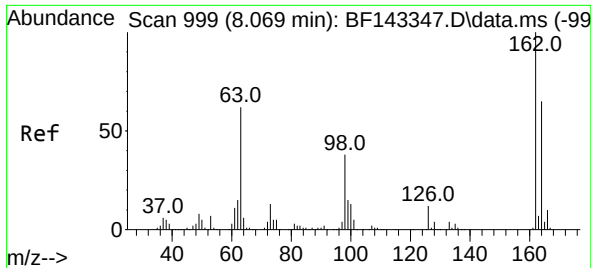
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

123 11.6 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 38.736 ng

RT: 8.075 min Scan# 1000

Delta R.T. 0.006 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

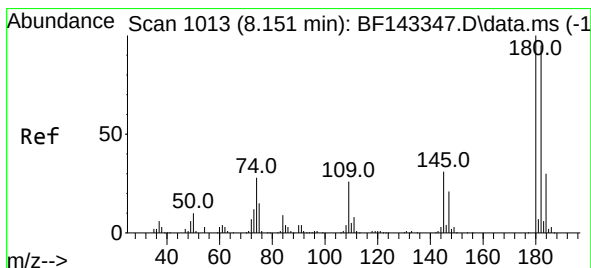
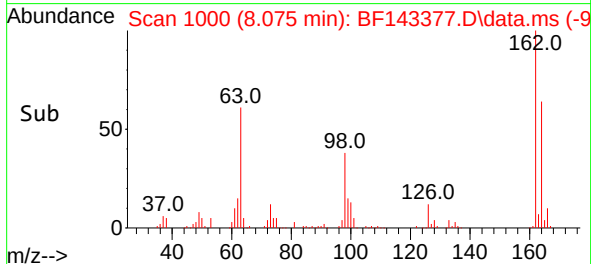
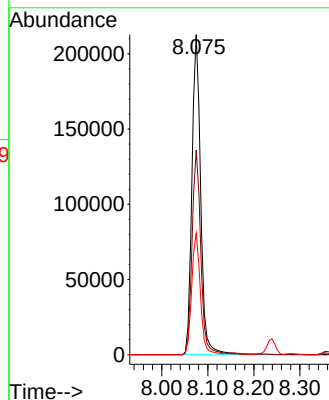
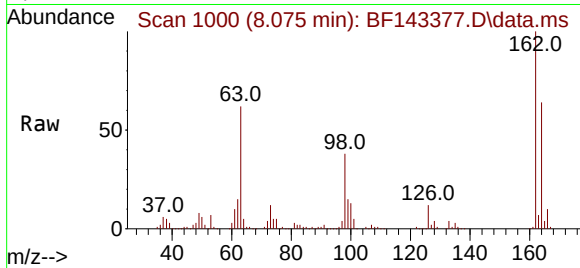
Tgt Ion:162 Resp: 280574

Ion Ratio Lower Upper

162 100

164 63.9 44.5 84.5

98 37.9 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 37.448 ng

RT: 8.157 min Scan# 1014

Delta R.T. 0.006 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

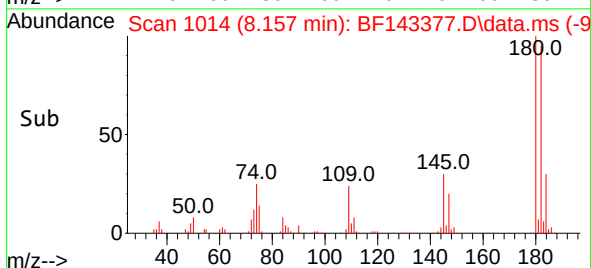
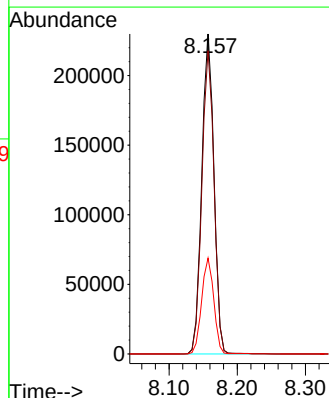
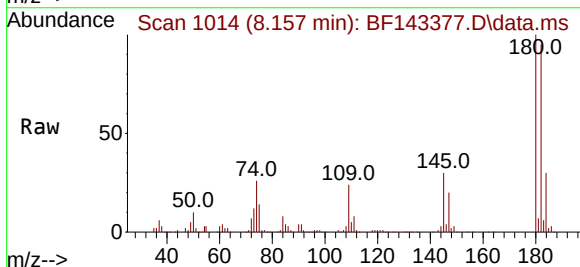
Tgt Ion:180 Resp: 286115

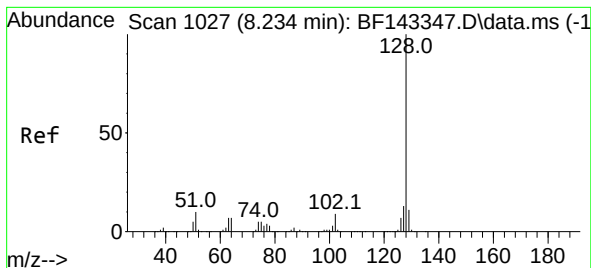
Ion Ratio Lower Upper

180 100

182 94.8 76.1 114.1

145 30.0 24.9 37.3





#31

Naphthalene

Concen: 36.447 ng

RT: 8.239 min Scan# 1027

Delta R.T. 0.006 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

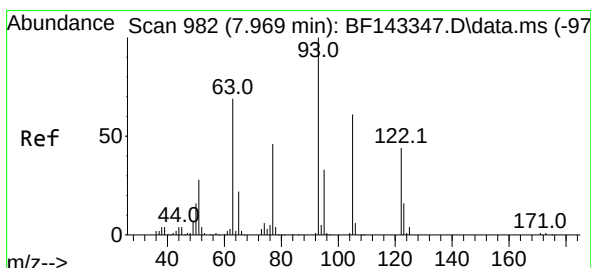
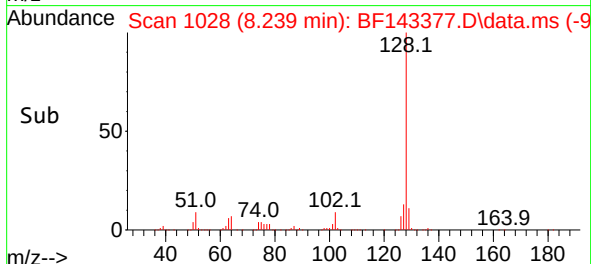
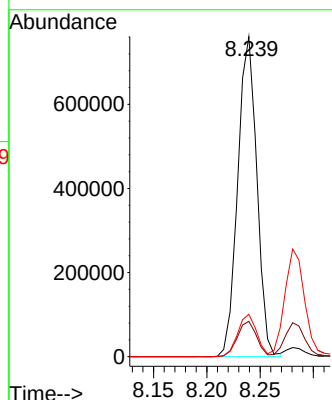
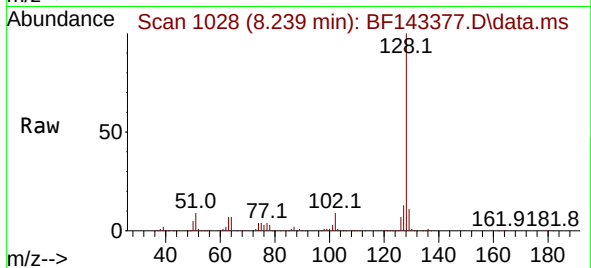
Tgt Ion:128 Resp: 950950

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

127 13.3 10.7 16.1



#32

Benzoic acid

Concen: 43.135 ng

RT: 7.975 min Scan# 983

Delta R.T. 0.006 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

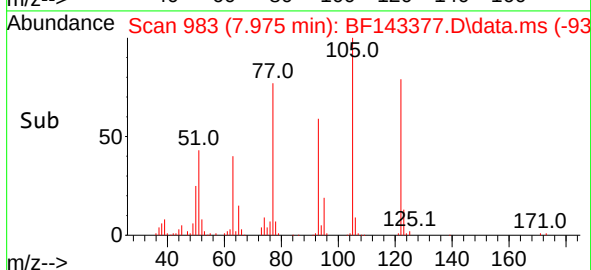
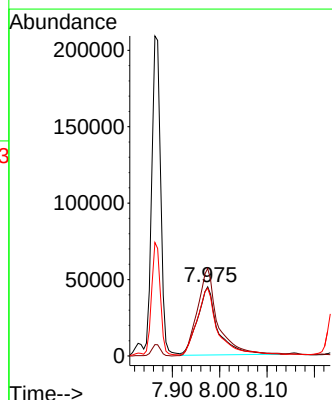
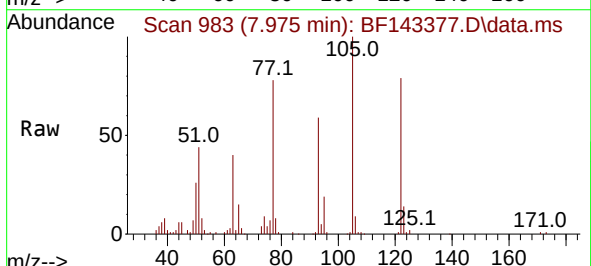
Tgt Ion:122 Resp: 133895

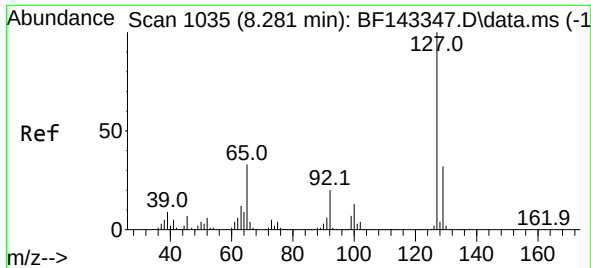
Ion Ratio Lower Upper

122 100

105 126.6 106.4 146.4

77 98.2 79.2 119.2

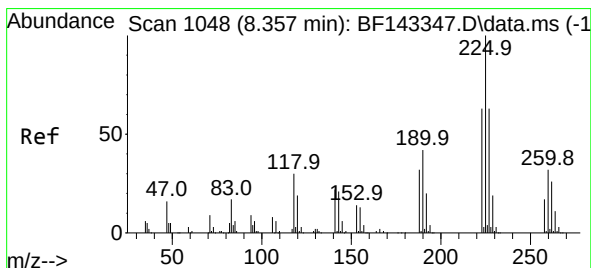
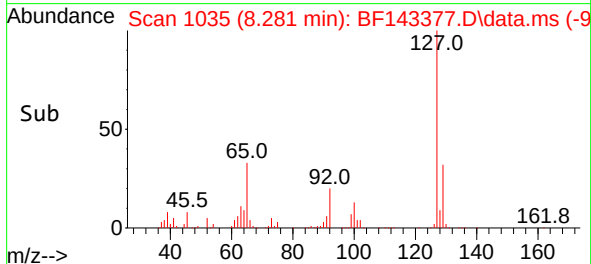
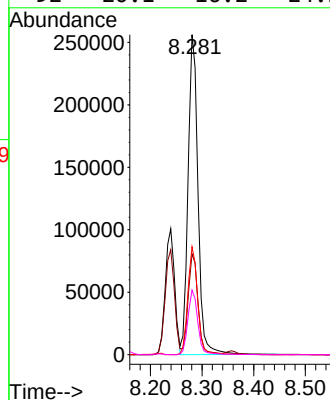
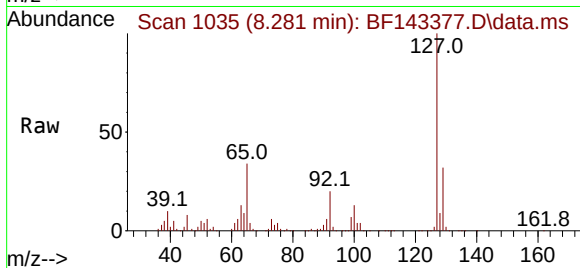




#33
4-Chloroaniline
Concen: 36.287 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

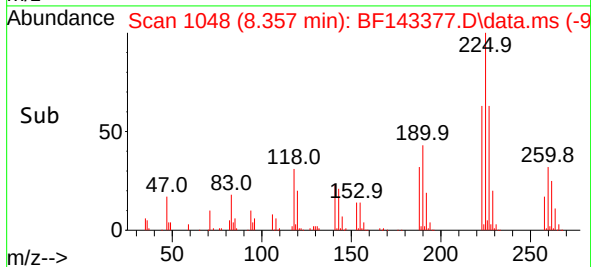
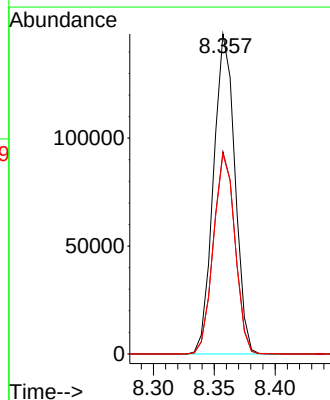
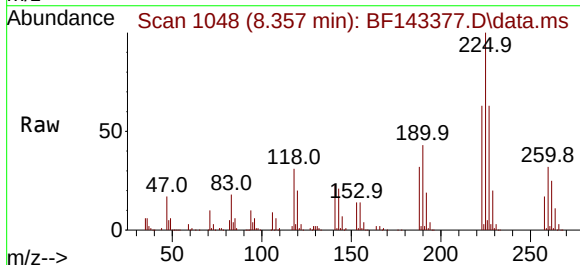
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

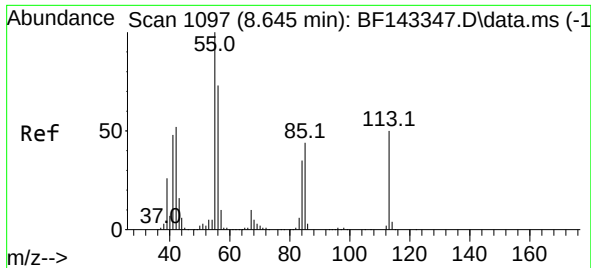
Tgt Ion:127	Resp: 341490
Ion Ratio	Lower Upper
127 100	
129 31.5	26.0 39.0
65 33.7	27.0 40.4
92 20.1	16.2 24.2



#34
Hexachlorobutadiene
Concen: 38.164 ng
RT: 8.357 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion:225	Resp: 181385
Ion Ratio	Lower Upper
225 100	
223 63.2	50.1 75.1
227 62.5	50.6 75.8

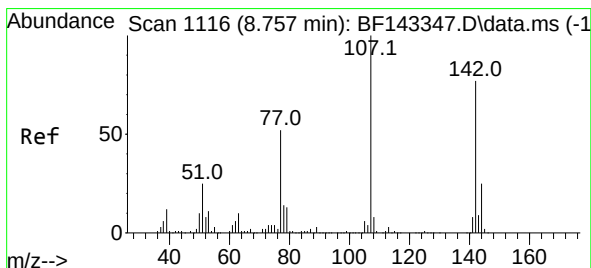
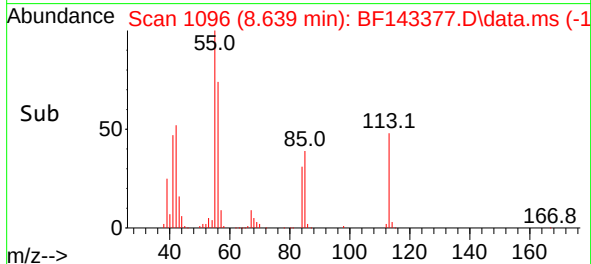
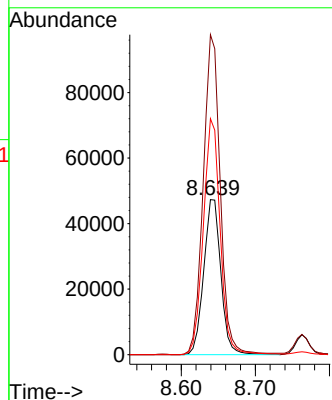
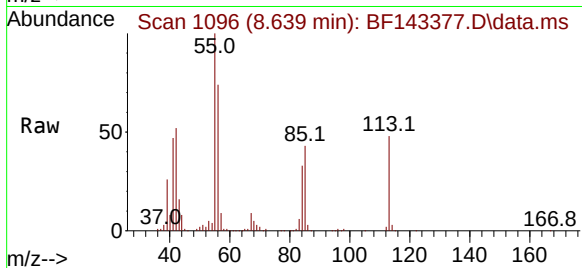




#35
 Caprolactam
 Concen: 37.353 ng
 RT: 8.639 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF143377.D
 Acq: 14 Aug 2025 12:55

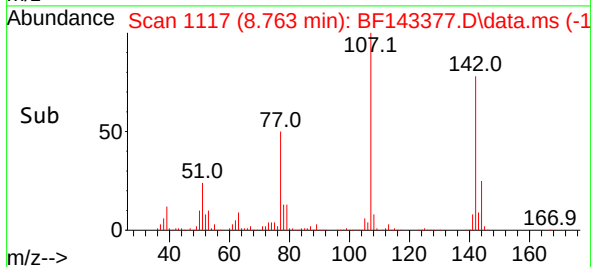
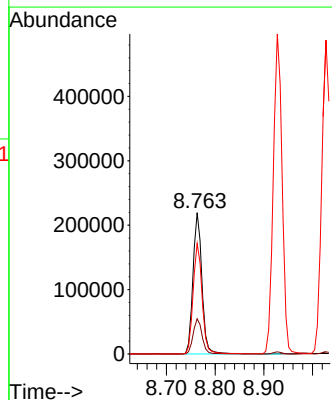
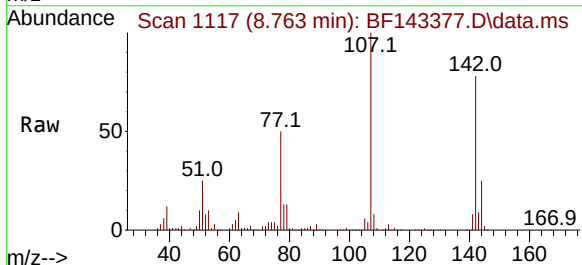
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

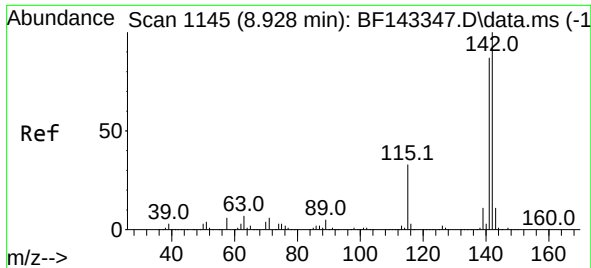
Tgt Ion:113 Resp: 76059
 Ion Ratio Lower Upper
 113 100
 55 206.4 181.4 221.4
 56 152.2 127.3 167.3



#36
 4-Chloro-3-methylphenol
 Concen: 37.191 ng
 RT: 8.763 min Scan# 1117
 Delta R.T. 0.006 min
 Lab File: BF143377.D
 Acq: 14 Aug 2025 12:55

Tgt Ion:107 Resp: 282403
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.0 30.0
 142 78.2 61.3 91.9

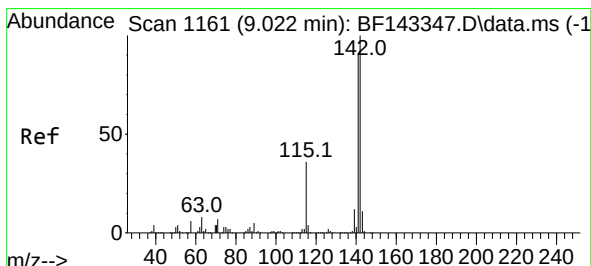
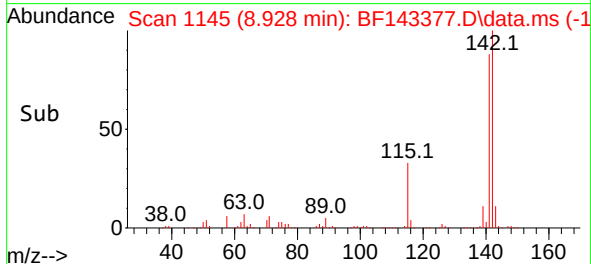
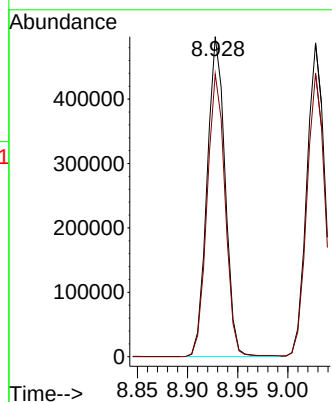
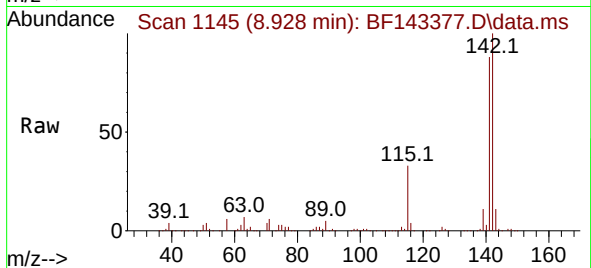




#37
2-Methylnaphthalene
Concen: 36.276 ng
RT: 8.928 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

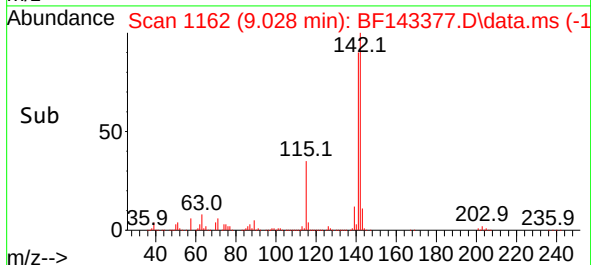
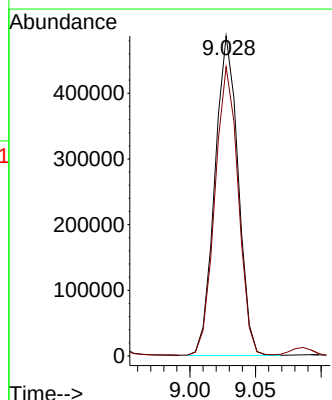
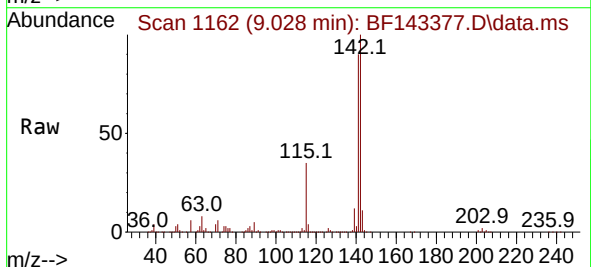
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

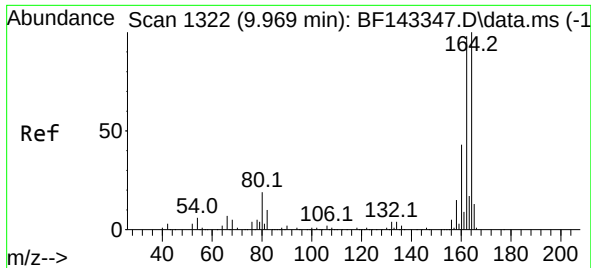
Tgt Ion:142 Resp: 622239
Ion Ratio Lower Upper
142 100
141 88.3 69.8 104.8



#38
1-Methylnaphthalene
Concen: 36.308 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion:142 Resp: 599818
Ion Ratio Lower Upper
142 100
141 90.4 73.0 109.4

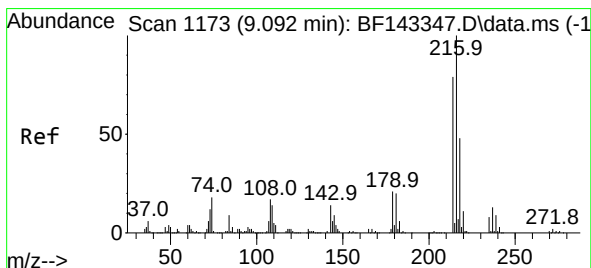
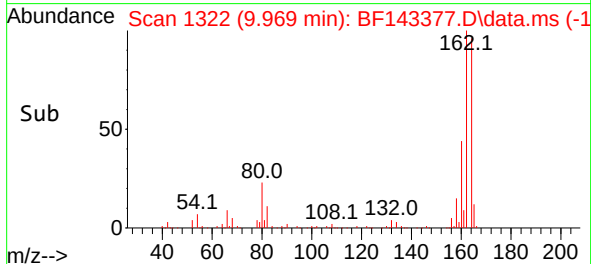
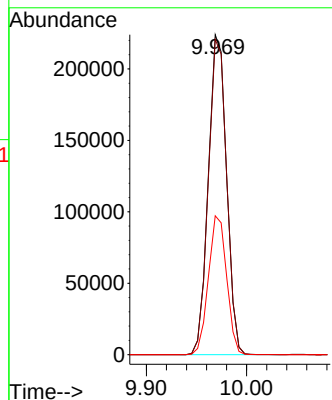
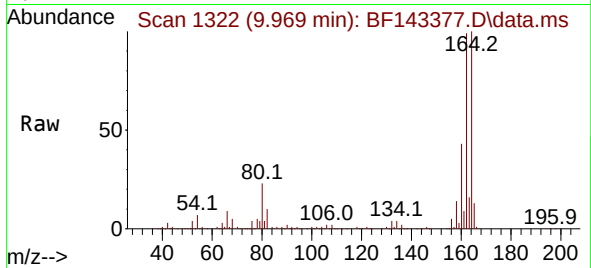




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

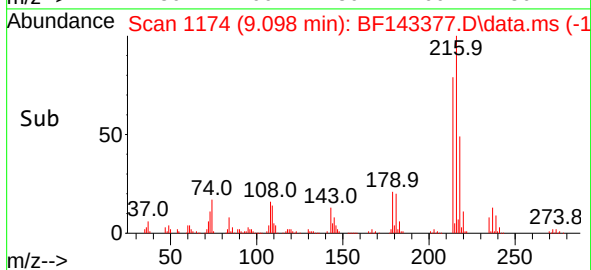
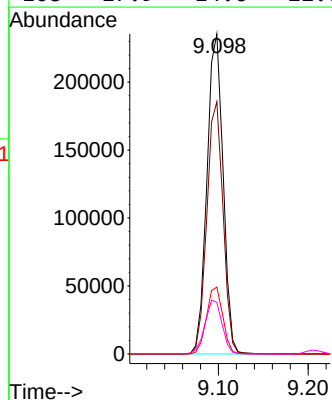
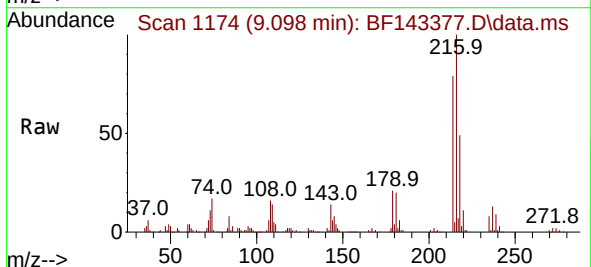
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

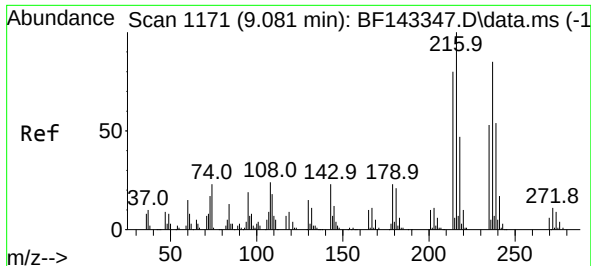
Tgt Ion:164 Resp: 283411
Ion Ratio Lower Upper
164 100
162 98.5 78.6 118.0
160 43.4 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.871 ng
RT: 9.098 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

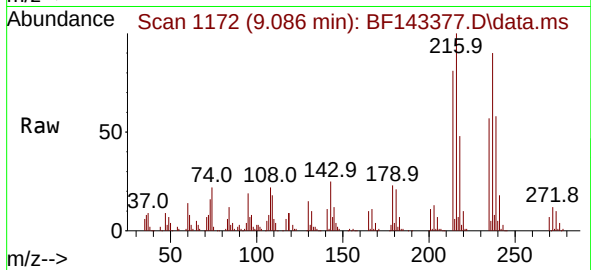
Tgt Ion:216 Resp: 293706
Ion Ratio Lower Upper
216 100
214 79.2 63.0 94.4
179 21.1 17.0 25.4
108 17.9 14.6 22.0



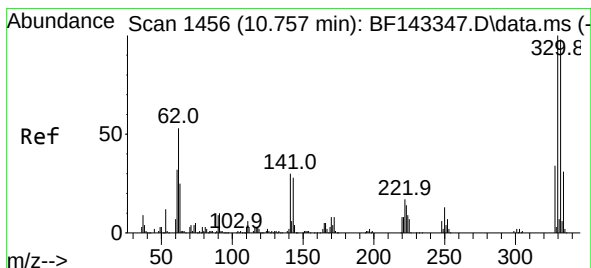
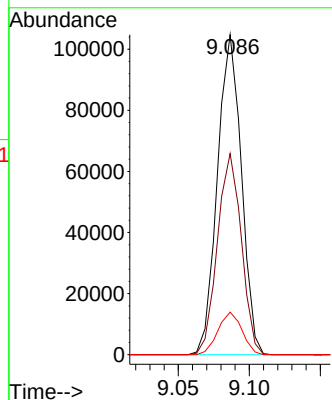
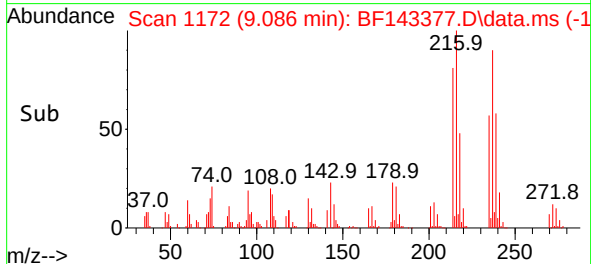


#41
Hexachlorocyclopentadiene
Concen: 47.813 ng
RT: 9.086 min Scan# 1171
Delta R.T. 0.005 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

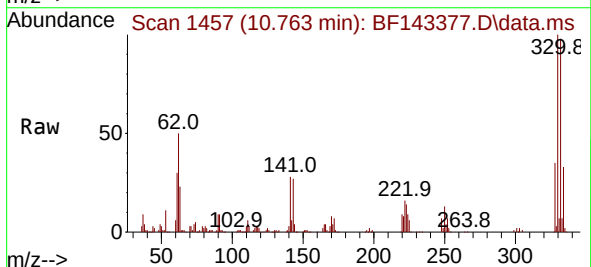
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



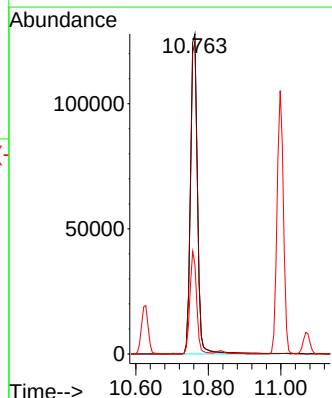
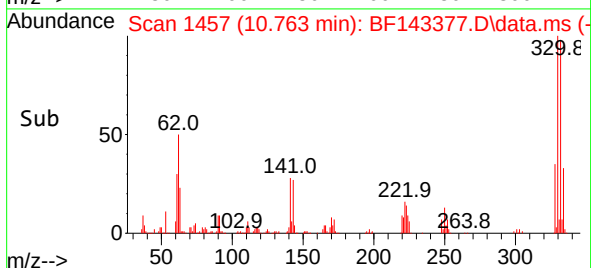
Tgt Ion:237 Resp: 122851
Ion Ratio Lower Upper
237 100
235 62.8 42.0 82.0
272 13.3 0.0 32.6

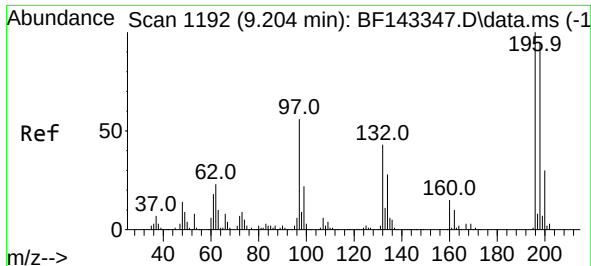


#42
2,4,6-Tribromophenol
Concen: 83.174 ng
RT: 10.763 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55



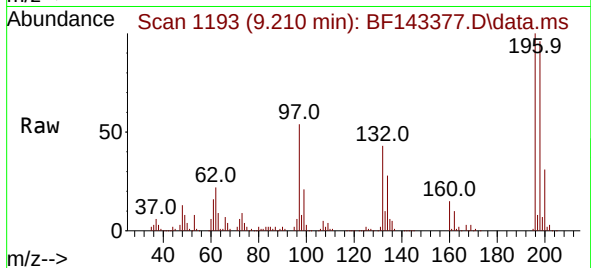
Tgt Ion:330 Resp: 172272
Ion Ratio Lower Upper
330 100
332 96.1 78.1 117.1
141 30.7 25.4 38.0



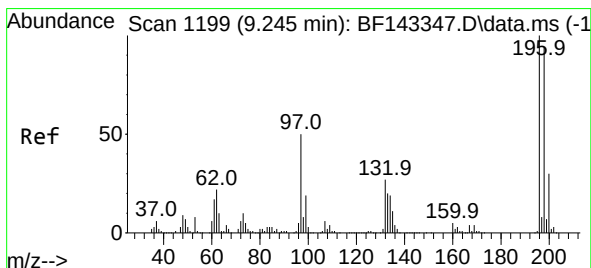
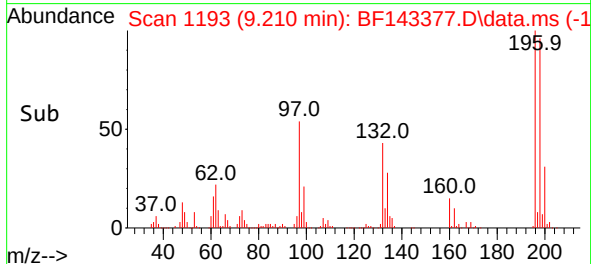
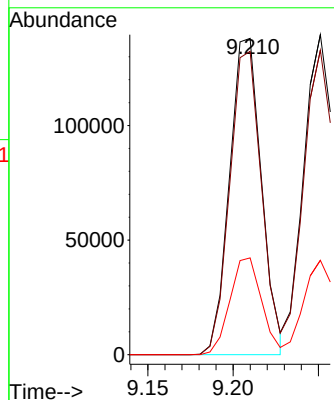


#43
2,4,6-Trichlorophenol
Concen: 40.834 ng
RT: 9.210 min Scan# 1192
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

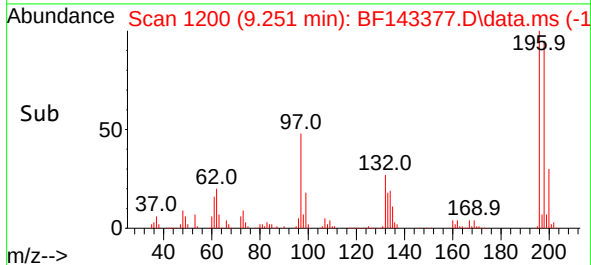
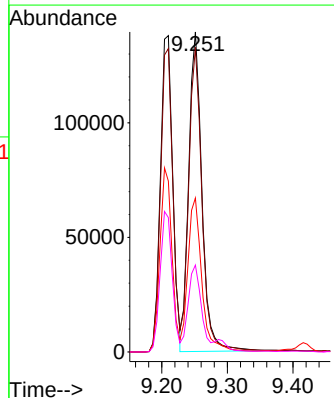
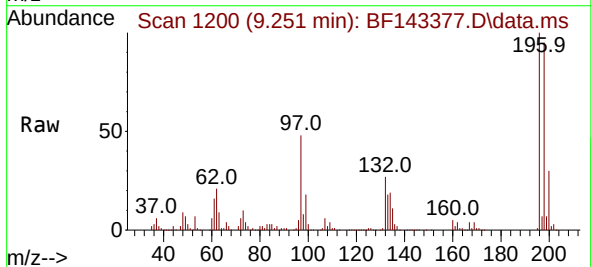


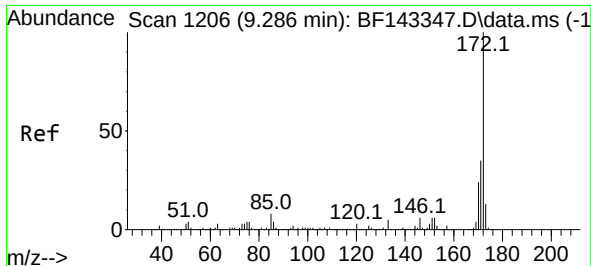
Tgt Ion:196 Resp: 179680
Ion Ratio Lower Upper
196 100
198 95.9 75.4 113.0
200 30.6 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 39.301 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion:196 Resp: 195288
Ion Ratio Lower Upper
196 100
198 95.1 75.4 113.2
97 48.1 39.9 59.9
132 27.1 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 73.114 ng

RT: 9.286 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

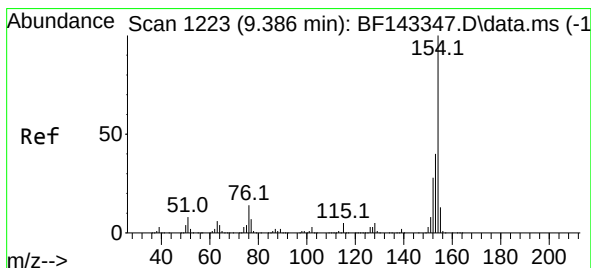
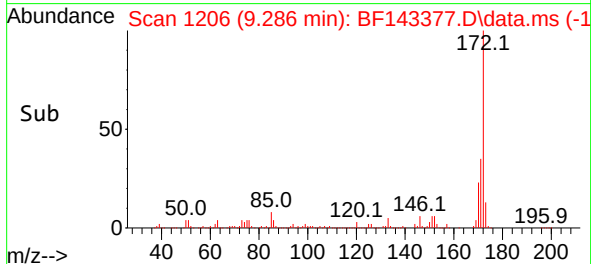
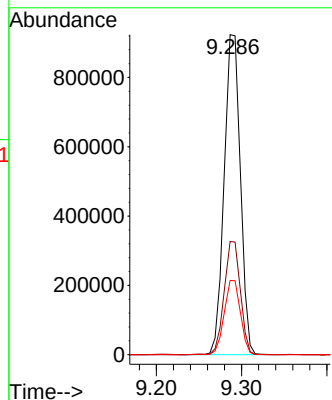
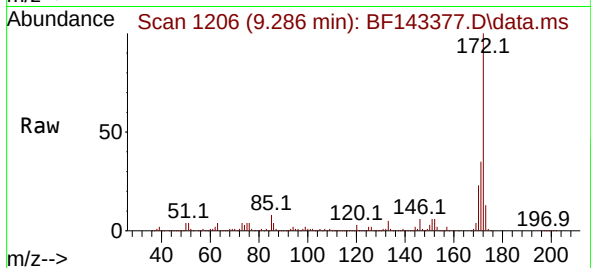
Tgt Ion:172 Resp: 1221958

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.2 19.1 28.7



#46

1,1'-Biphenyl

Concen: 36.312 ng

RT: 9.392 min Scan# 1224

Delta R.T. 0.006 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

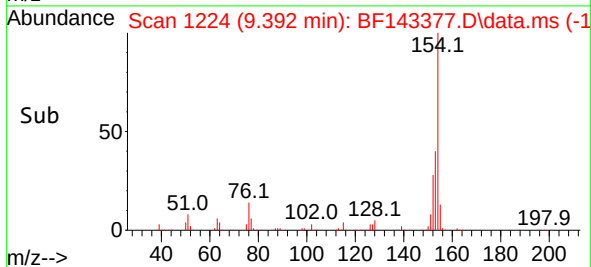
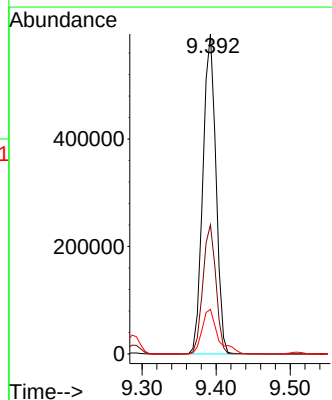
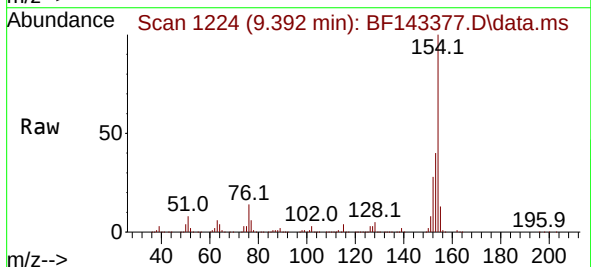
Tgt Ion:154 Resp: 727640

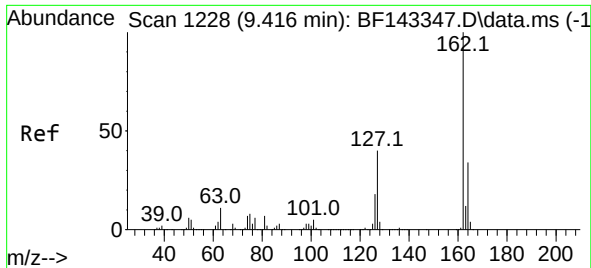
Ion Ratio Lower Upper

154 100

153 40.4 20.2 60.2

76 13.9 0.0 34.4

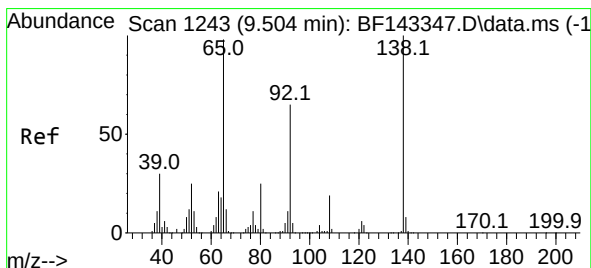
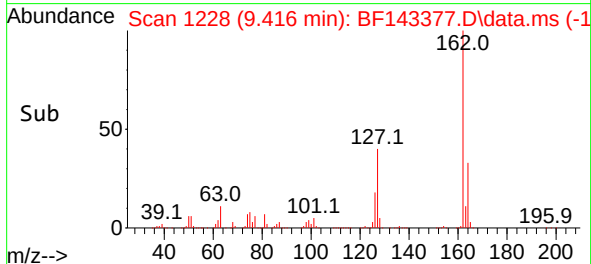
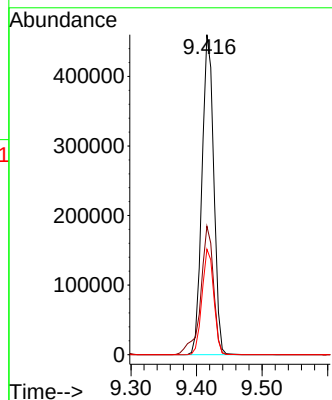
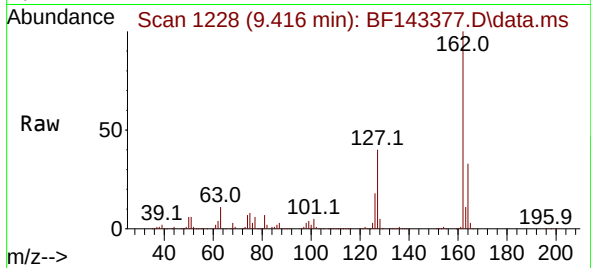




#47
2-Chloronaphthalene
Concen: 36.485 ng
RT: 9.416 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

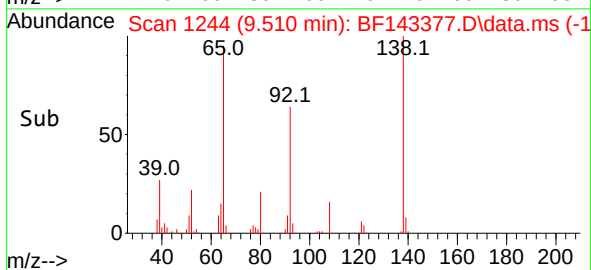
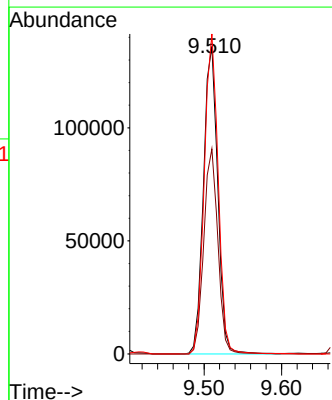
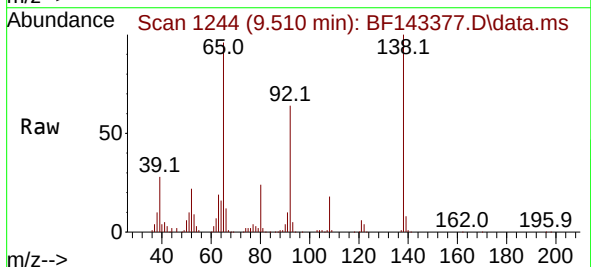
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

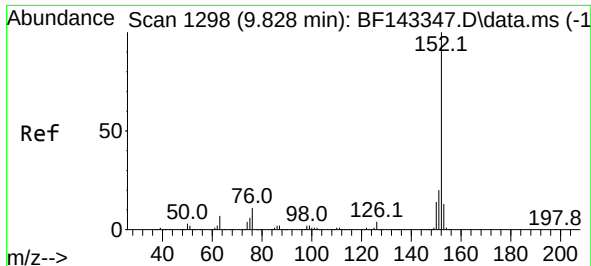
Tgt Ion:162 Resp: 575800
Ion Ratio Lower Upper
162 100
127 40.1 32.1 48.1
164 32.9 27.0 40.4



#48
2-Nitroaniline
Concen: 38.835 ng
RT: 9.510 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion: 65 Resp: 174216
Ion Ratio Lower Upper
65 100
92 66.7 53.1 79.7
138 104.0 81.4 122.0

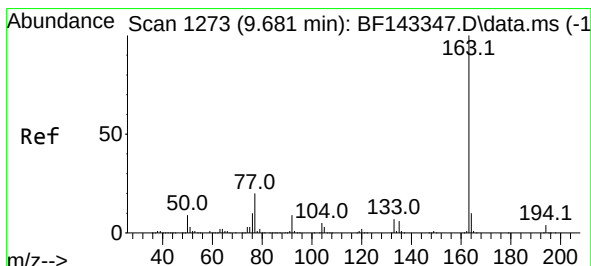
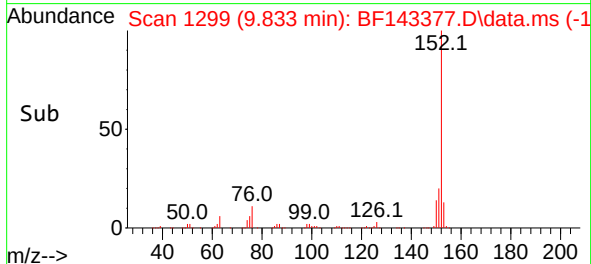
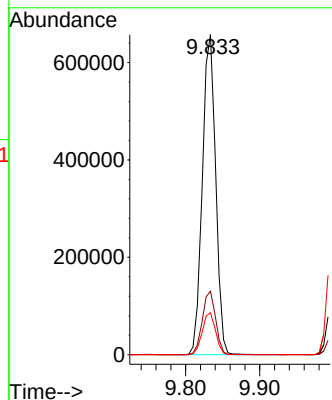
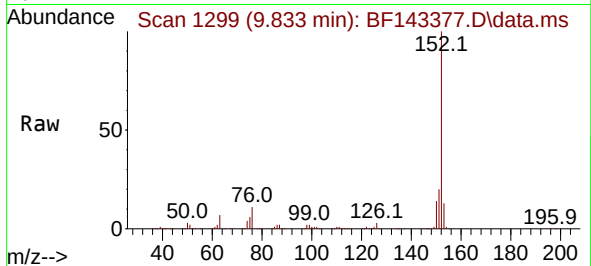




#49
 Acenaphthylene
 Concen: 36.100 ng
 RT: 9.833 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143377.D
 Acq: 14 Aug 2025 12:55

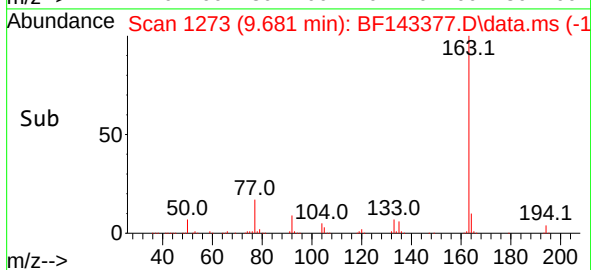
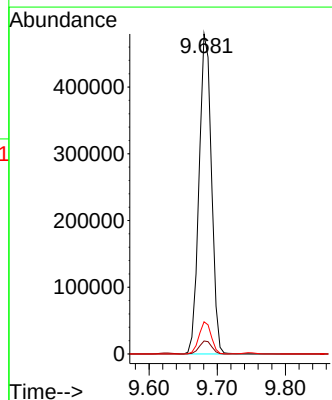
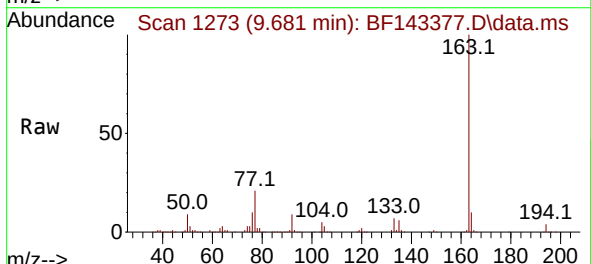
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

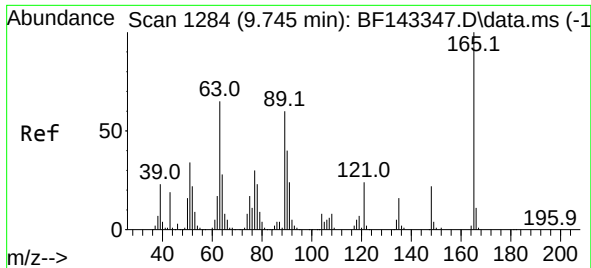
Tgt Ion:152 Resp: 822757
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.2 24.2
 153 13.1 10.6 16.0



#50
 Dimethylphthalate
 Concen: 36.590 ng
 RT: 9.681 min Scan# 1273
 Delta R.T. -0.000 min
 Lab File: BF143377.D
 Acq: 14 Aug 2025 12:55

Tgt Ion:163 Resp: 605945
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.3 4.9
 164 10.1 8.2 12.2

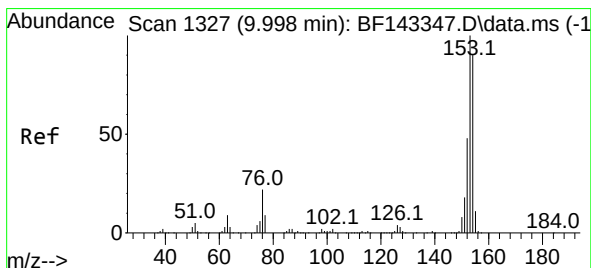
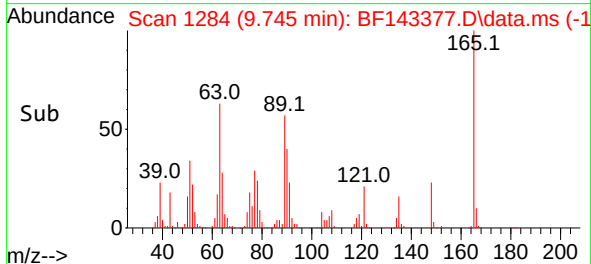
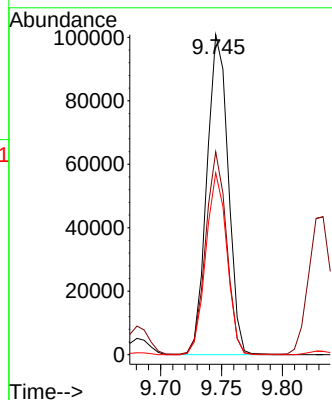
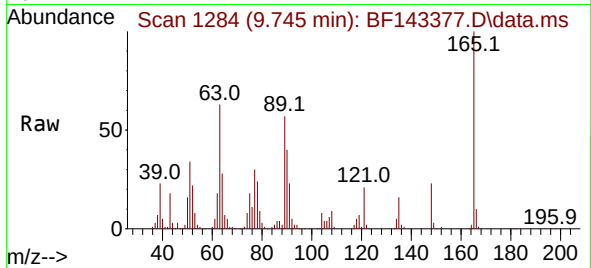




#51
2,6-Dinitrotoluene
Concen: 39.683 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

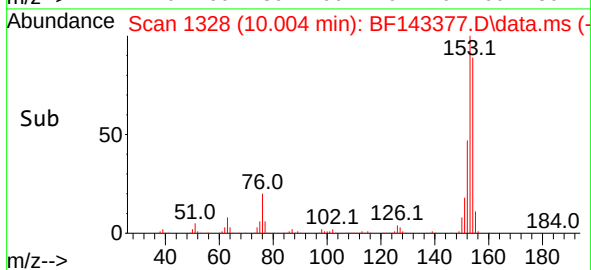
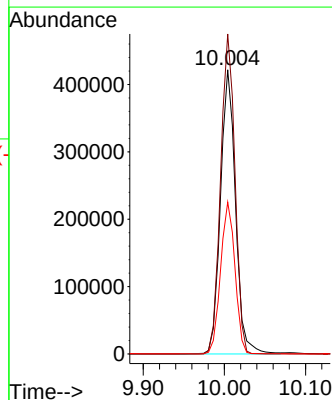
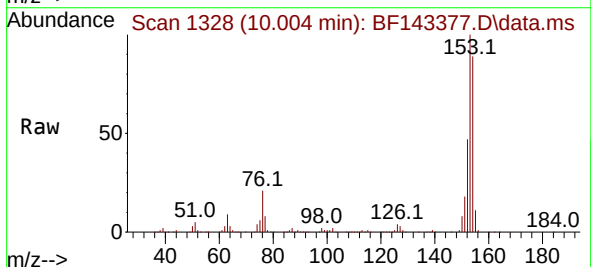
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

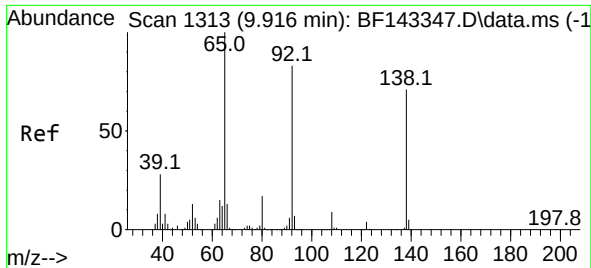
Tgt Ion:165 Resp: 122638
Ion Ratio Lower Upper
165 100
63 63.4 51.6 77.4
89 56.8 47.7 71.5



#52
Acenaphthene
Concen: 35.890 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion:154 Resp: 543801
Ion Ratio Lower Upper
154 100
153 112.6 88.5 132.7
152 53.4 42.4 63.6

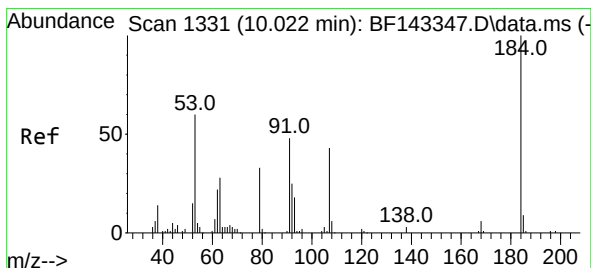
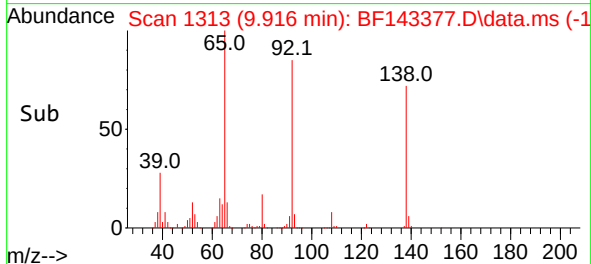
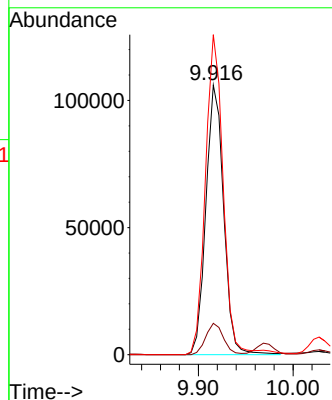
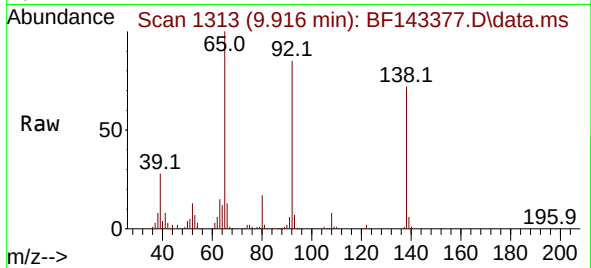




#53
3-Nitroaniline
Concen: 40.760 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

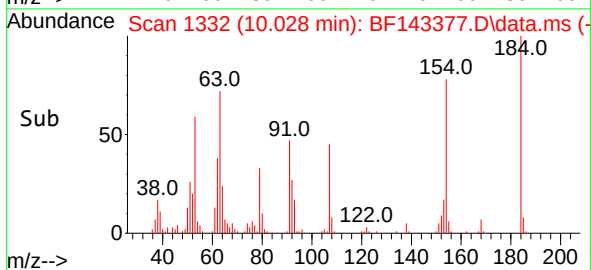
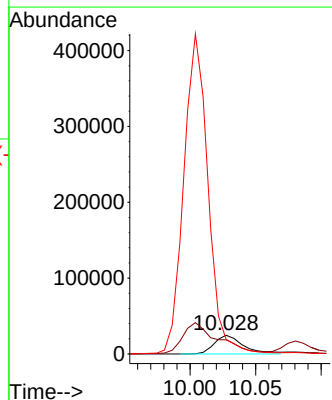
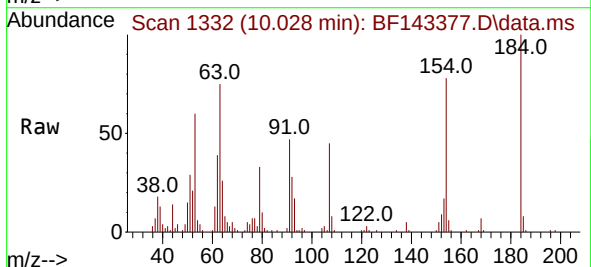
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

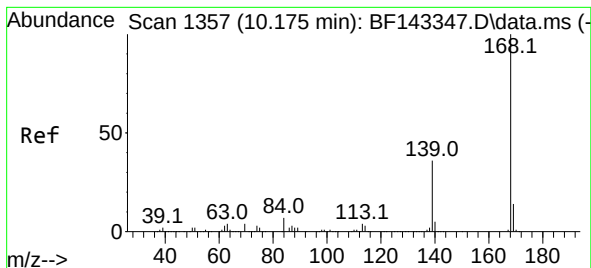
Tgt Ion:138 Resp: 138234
Ion Ratio Lower Upper
138 100
108 11.7 9.6 14.4
92 118.7 93.4 140.2



#54
2,4-Dinitrophenol
Concen: 39.881 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion:184 Resp: 37998
Ion Ratio Lower Upper
184 100
63 74.5 62.5 93.7
154 77.7 73.0 109.4





#55

Dibenzofuran

Concen: 36.113 ng

RT: 10.175 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

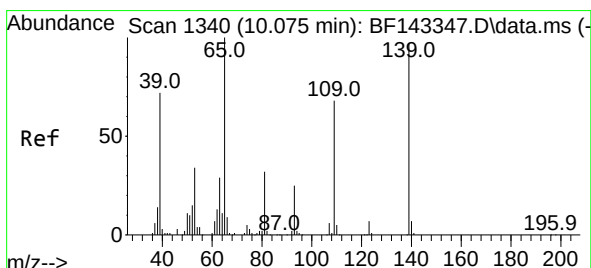
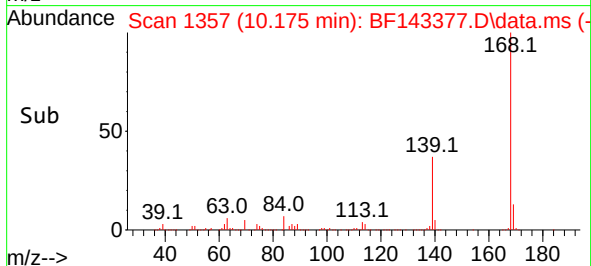
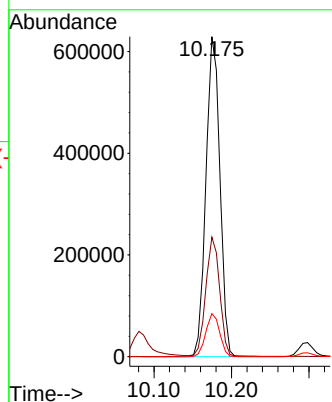
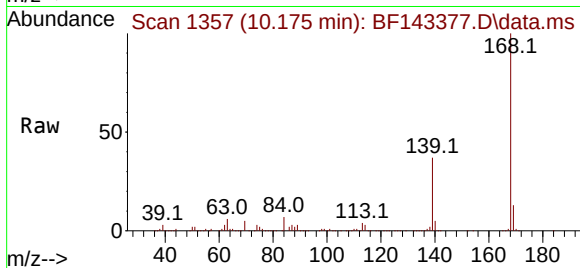
Tgt Ion:168 Resp: 787502

Ion Ratio Lower Upper

168 100

139 37.4 29.4 44.0

169 13.5 11.0 16.6



#56

4-Nitrophenol

Concen: 33.008 ng

RT: 10.080 min Scan# 1341

Delta R.T. 0.005 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

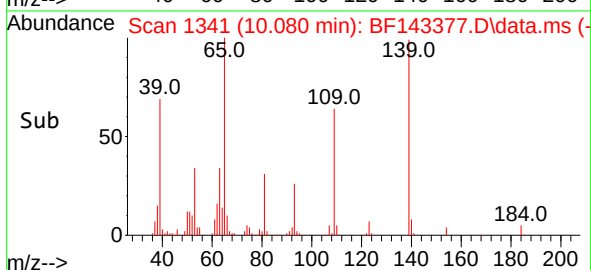
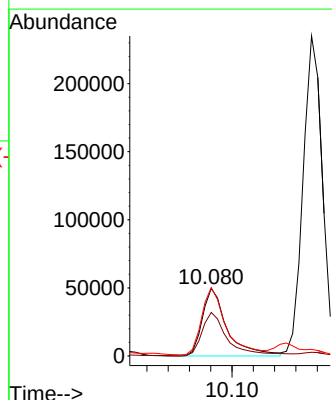
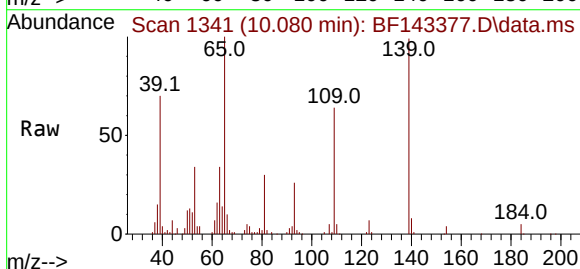
Tgt Ion:139 Resp: 80105

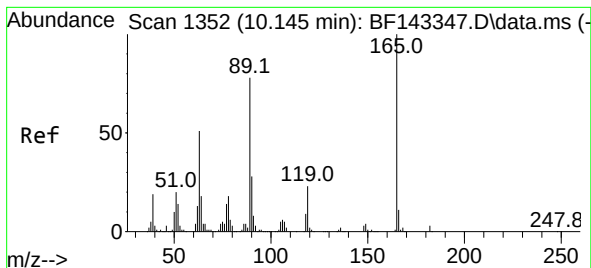
Ion Ratio Lower Upper

139 100

109 64.4 49.4 89.4

65 101.1 83.7 123.7

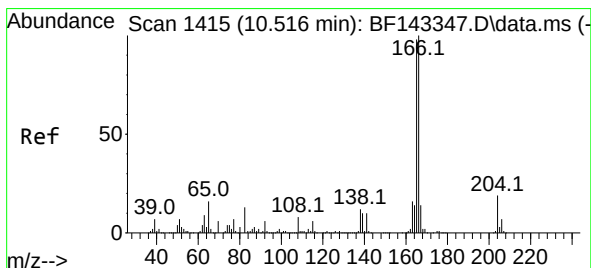
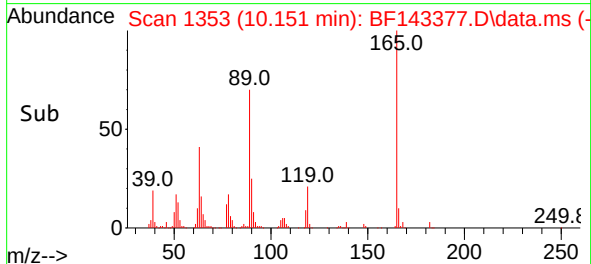
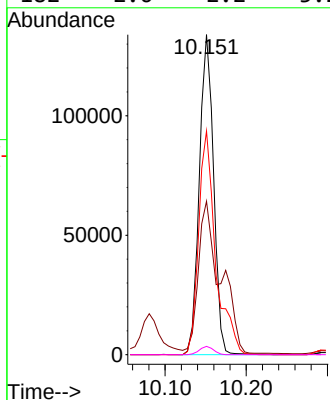
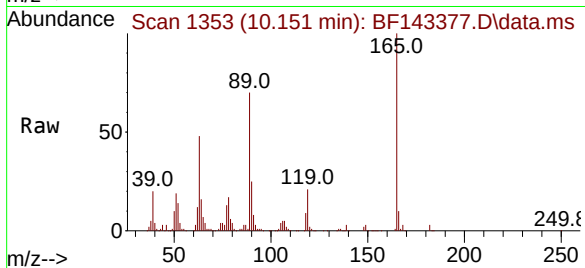




#57
2,4-Dinitrotoluene
Concen: 39.758 ng
RT: 10.151 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

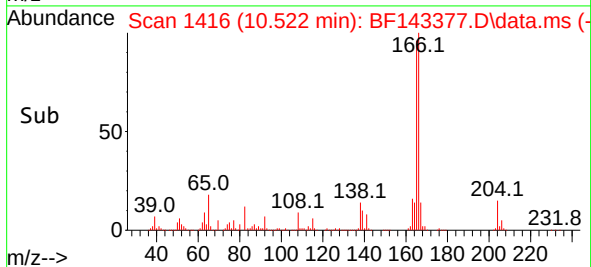
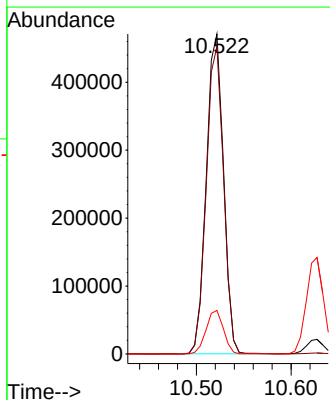
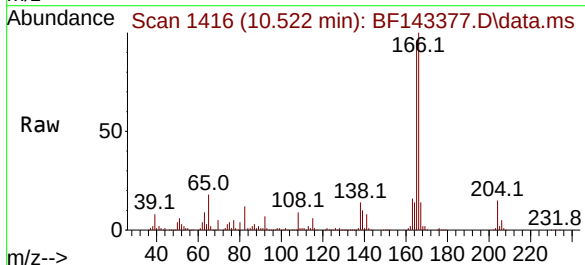
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

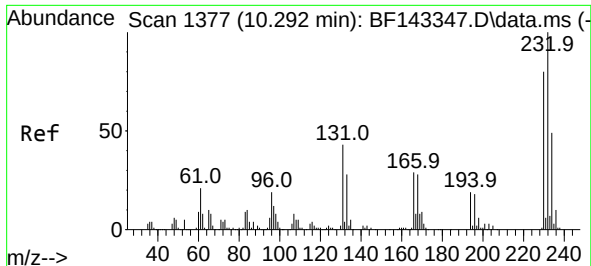
Tgt Ion:	165	Resp:	163031
Ion Ratio	Lower	Upper	
165	100		
63	48.0	41.8	62.8
89	69.9	62.4	93.6
182	2.6	2.2	3.2



#58
Fluorene
Concen: 35.641 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion:	166	Resp:	593649
Ion Ratio	Lower	Upper	
166	100		
165	96.1	78.2	117.4
167	13.6	10.9	16.3

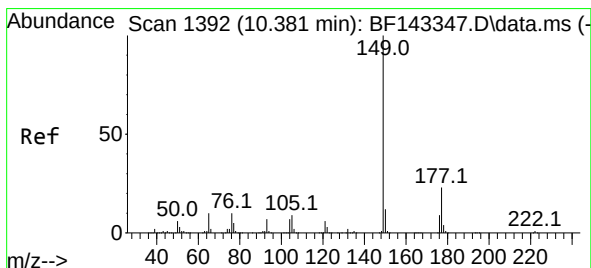
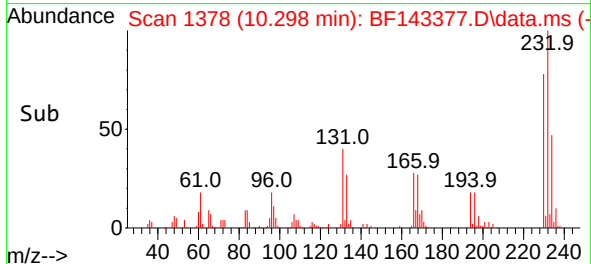
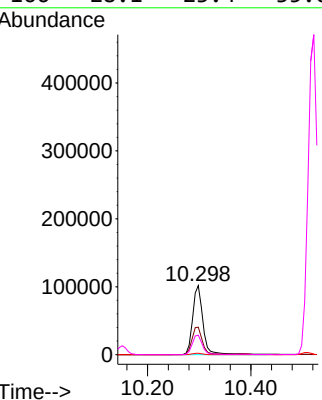
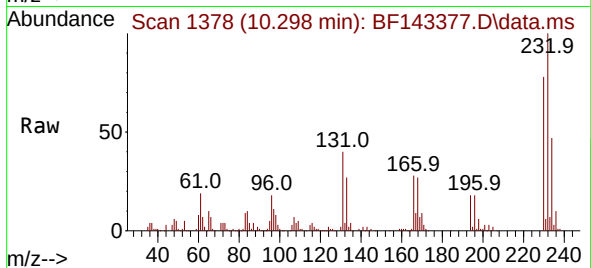




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.309 ng
RT: 10.298 min Scan# 1377
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

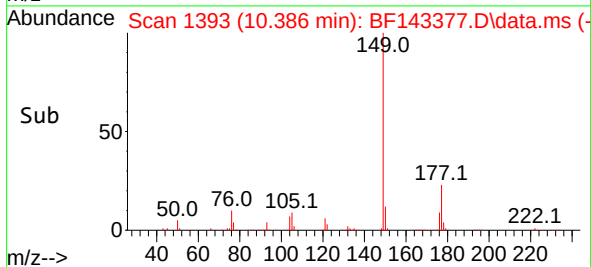
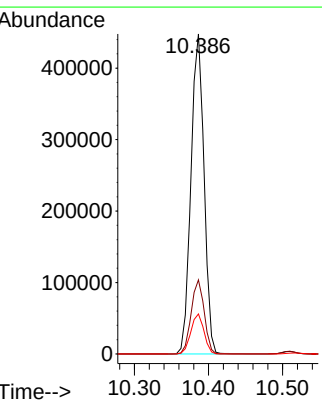
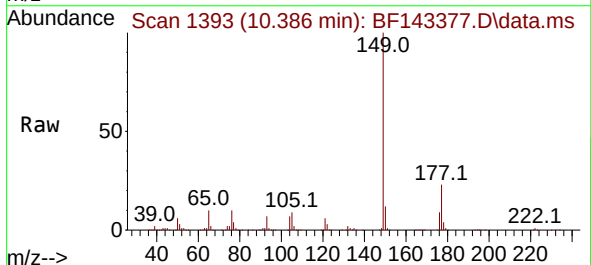
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

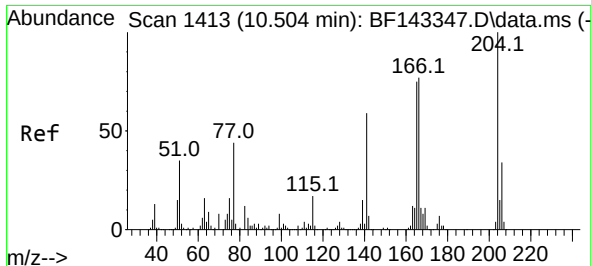
Tgt Ion:232 Resp: 141719
Ion Ratio Lower Upper
232 100
131 40.3 34.6 51.8
130 1.9 1.7 2.5
166 28.1 23.4 35.0



#60
Diethylphthalate
Concen: 37.031 ng
RT: 10.386 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion:149 Resp: 549288
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.2
150 12.5 9.9 14.9

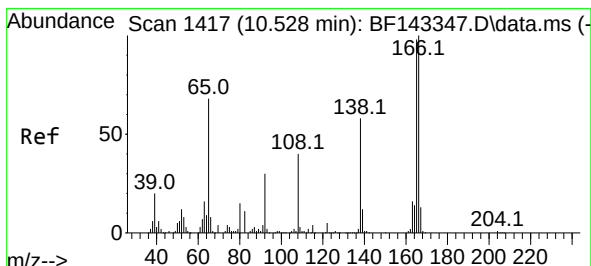
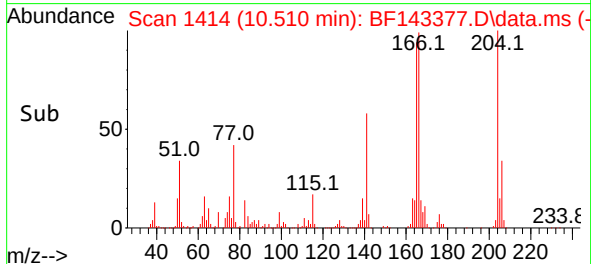
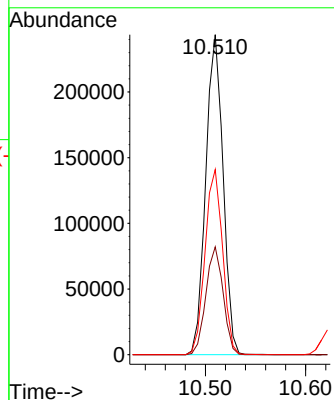
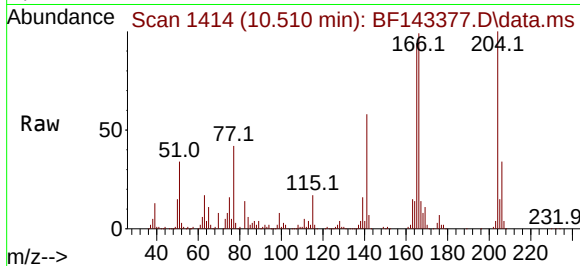




#61
4-Chlorophenyl-phenylether
Concen: 36.416 ng
RT: 10.510 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

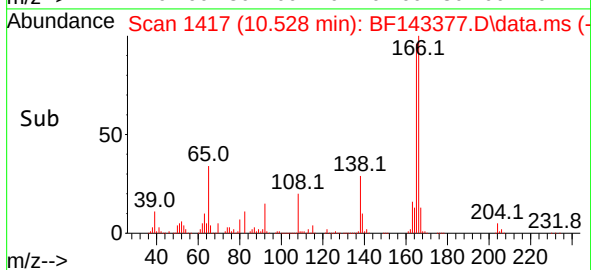
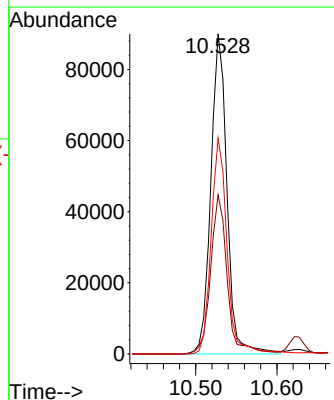
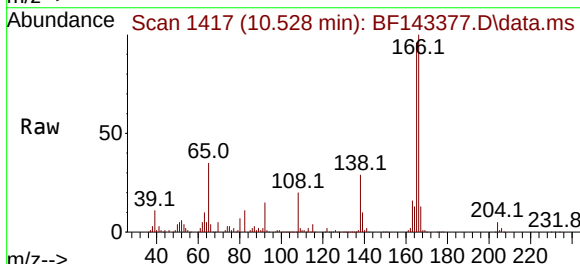
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

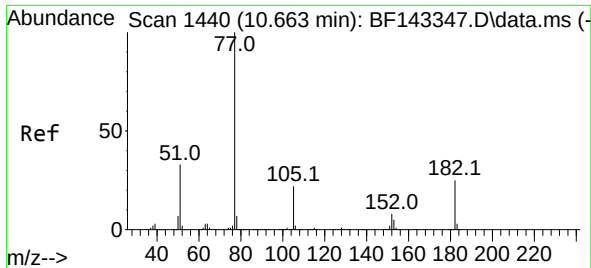
Tgt Ion:204 Resp: 293085
Ion Ratio Lower Upper
204 100
206 33.7 27.4 41.2
141 57.9 46.9 70.3



#62
4-Nitroaniline
Concen: 37.855 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion:138 Resp: 124208
Ion Ratio Lower Upper
138 100
92 49.7 31.2 71.2
108 67.4 48.1 88.1

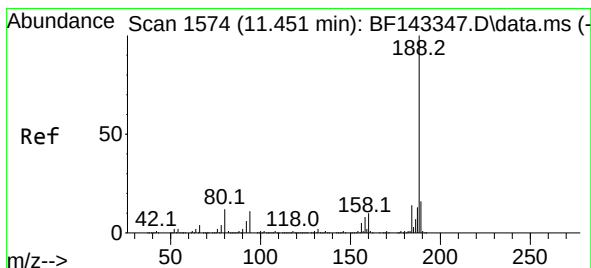
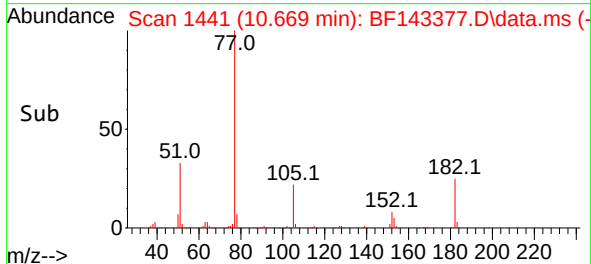
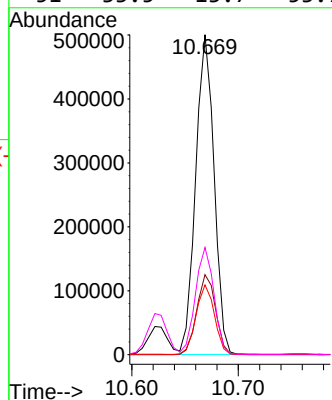
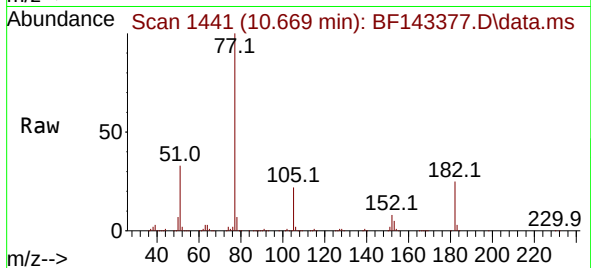




#63
Azobenzene
Concen: 35.414 ng
RT: 10.669 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

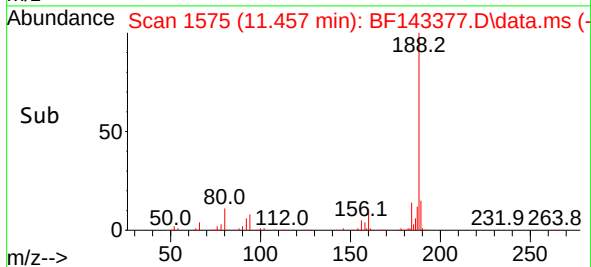
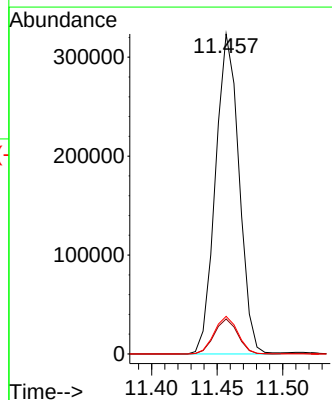
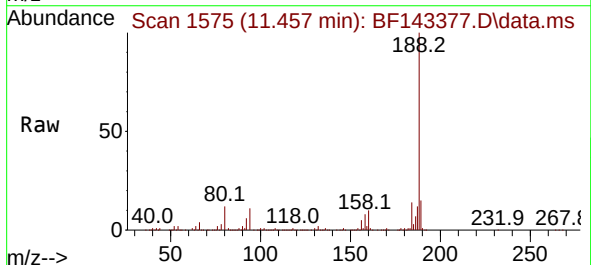
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

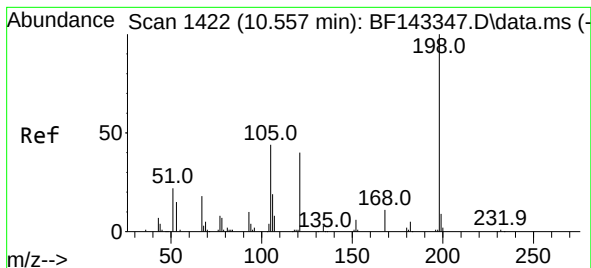
Tgt Ion:	77	Resp:	600012
Ion	Ratio	Lower	Upper
77	100		
182	25.0	4.4	44.4
105	21.8	1.8	41.8
51	33.5	13.7	53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion:	188	Resp:	404824
Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.8	13.2
80	11.7	9.7	14.5

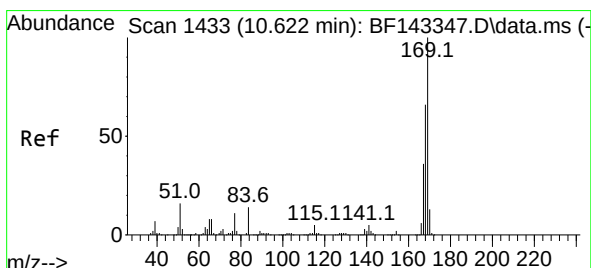
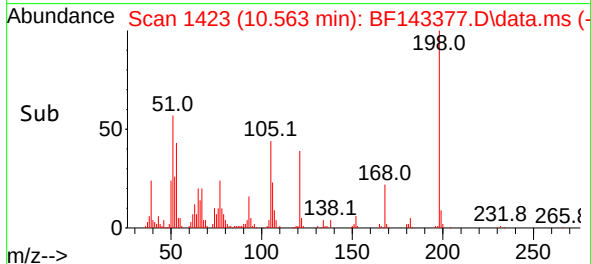
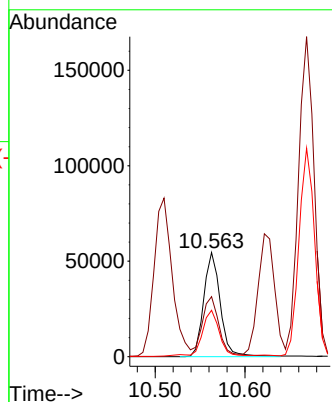
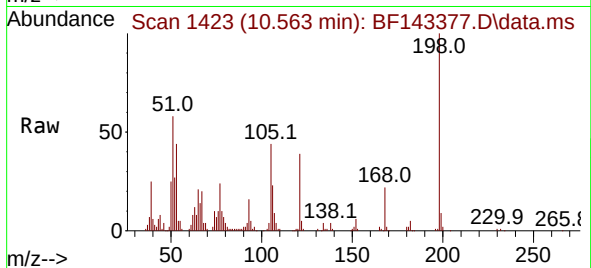




#65
4,6-Dinitro-2-methylphenol
Concen: 43.506 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

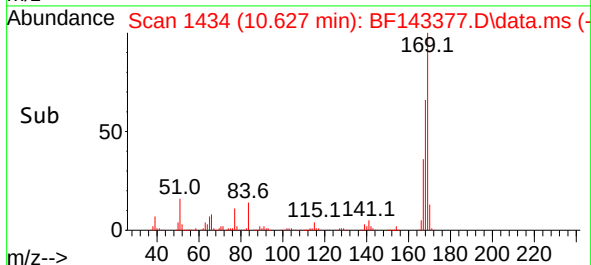
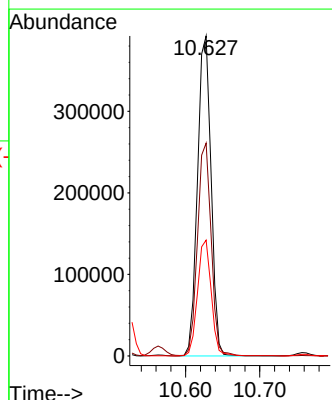
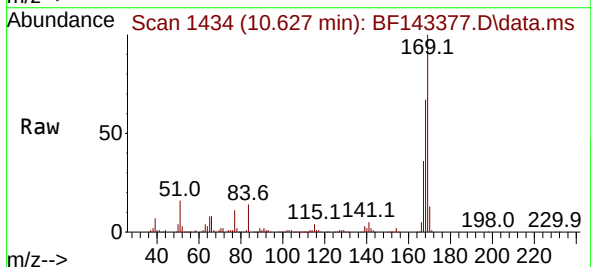
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

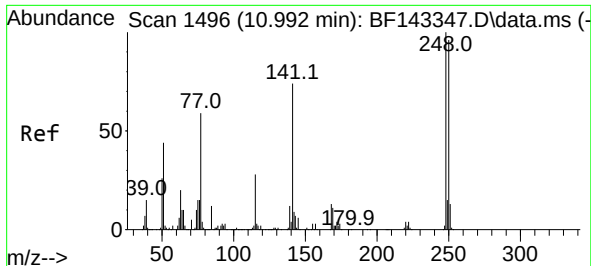
Tgt Ion:198 Resp: 69944
Ion Ratio Lower Upper
198 100
51 57.6 41.7 81.7
105 44.5 26.8 66.8



#66
n-Nitrosodiphenylamine
Concen: 37.389 ng
RT: 10.627 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion:169 Resp: 498392
Ion Ratio Lower Upper
169 100
168 66.5 52.7 79.1
167 36.2 28.6 42.8

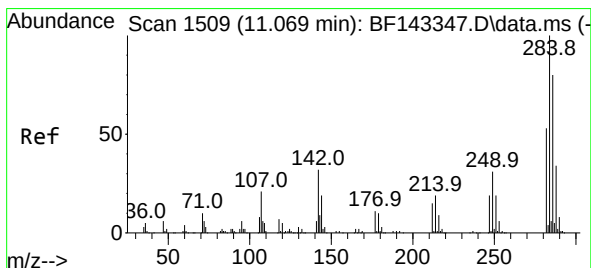
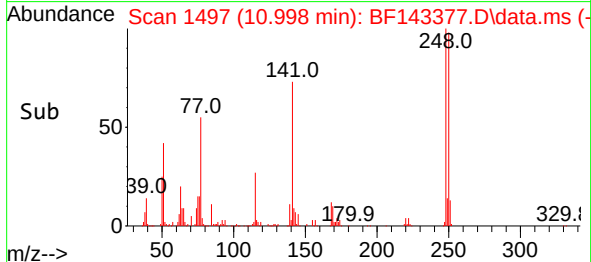
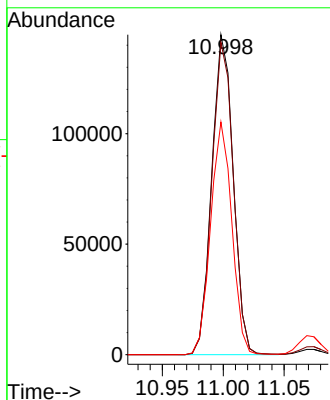
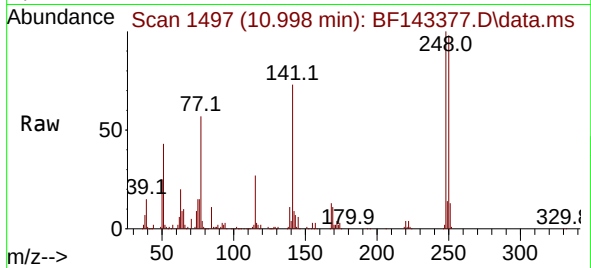




#67
4-Bromophenyl-phenylether
Concen: 38.474 ng
RT: 10.998 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

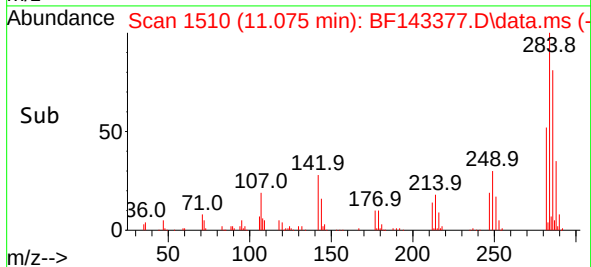
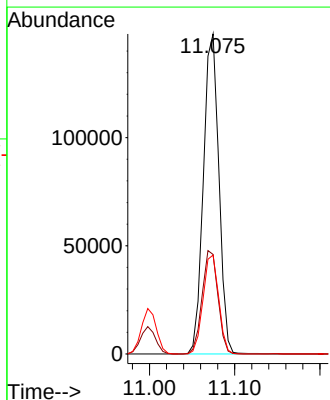
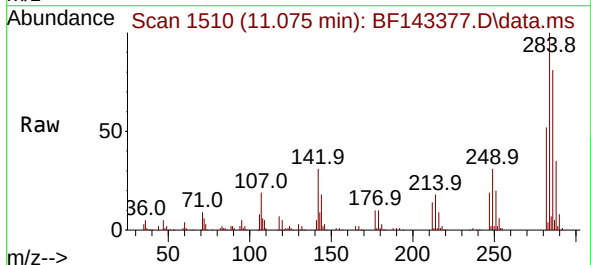
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

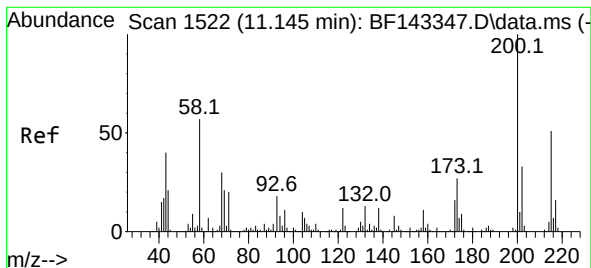
Tgt Ion:248 Resp: 178131
Ion Ratio Lower Upper
248 100
250 97.6 77.1 115.7
141 72.7 59.1 88.7



#68
Hexachlorobenzene
Concen: 37.395 ng
RT: 11.075 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion:284 Resp: 186624
Ion Ratio Lower Upper
284 100
142 31.1 25.7 38.5
249 30.9 24.6 37.0





#69

Atrazine

Concen: 38.979 ng

RT: 11.151 min Scan# 1523

Delta R.T. 0.006 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

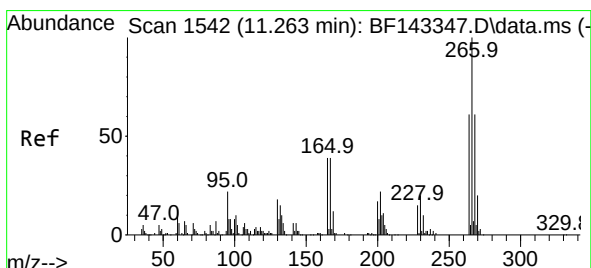
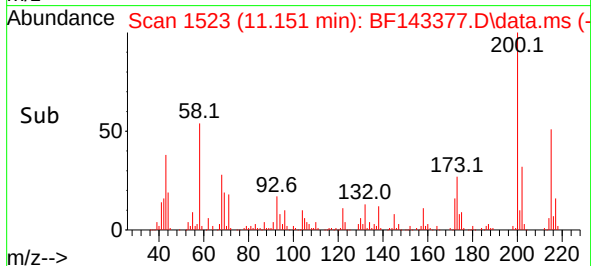
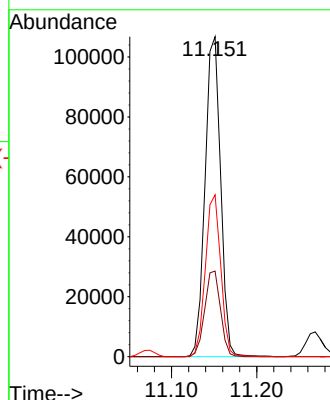
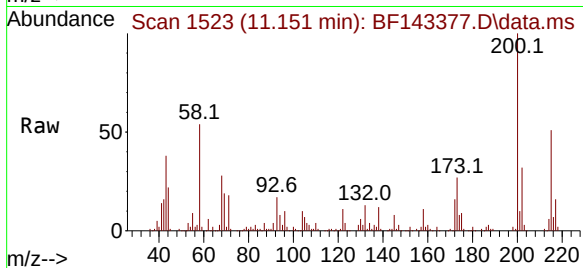
Tgt Ion:200 Resp: 135519

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

215 50.6 30.6 70.6



#70

Pentachlorophenol

Concen: 34.523 ng

RT: 11.269 min Scan# 1543

Delta R.T. 0.006 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

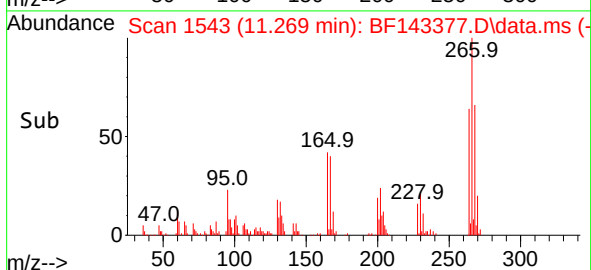
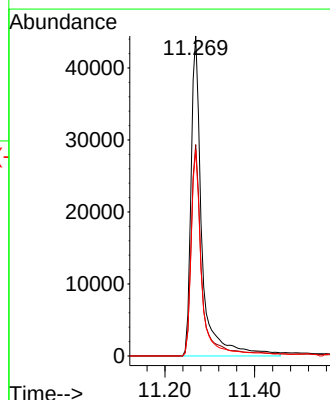
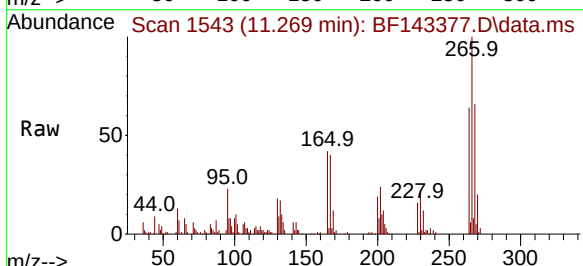
Tgt Ion:266 Resp: 75453

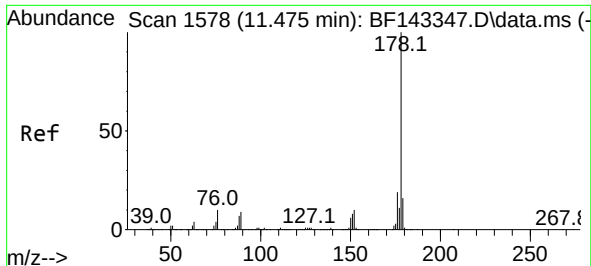
Ion Ratio Lower Upper

266 100

268 66.1 48.8 73.2

264 64.4 48.8 73.2

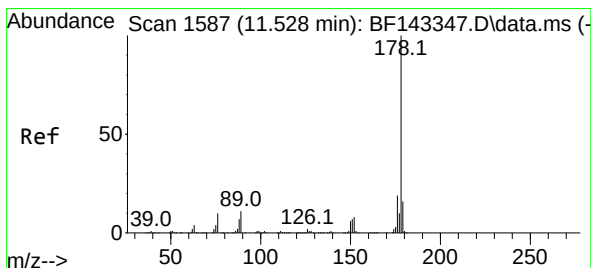
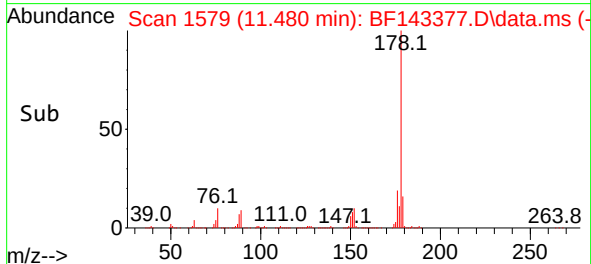
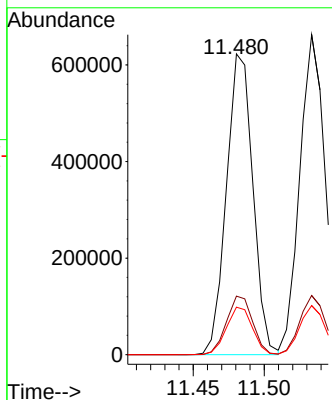
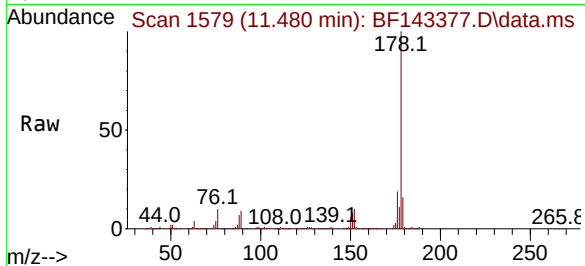




#71
Phenanthrene
Concen: 36.618 ng
RT: 11.480 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

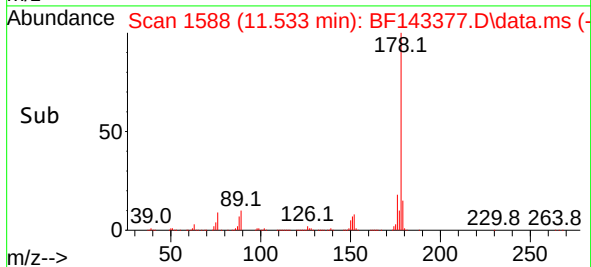
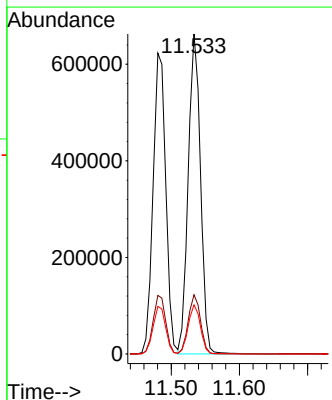
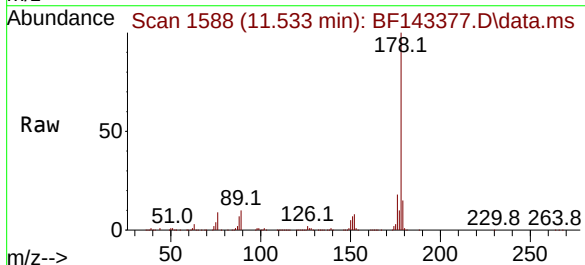
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

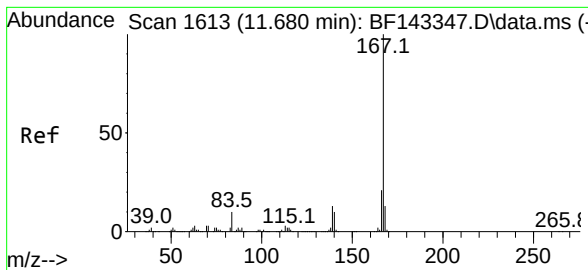
Tgt Ion:178 Resp: 808775
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.8 12.5 18.7



#72
Anthracene
Concen: 36.786 ng
RT: 11.533 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion:178 Resp: 823989
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.4 12.7 19.1

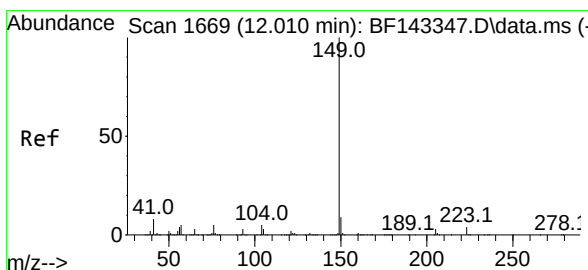
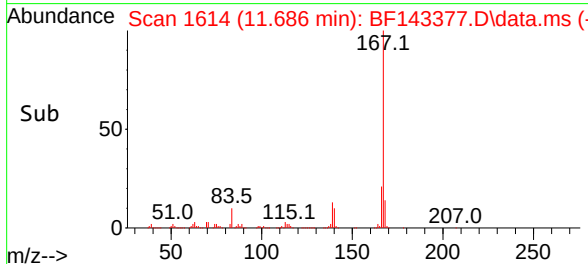
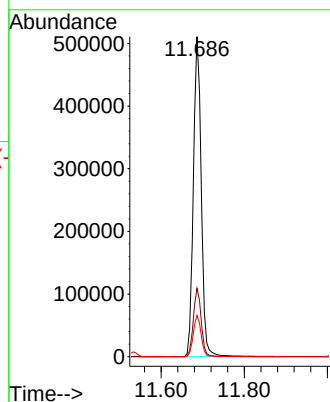
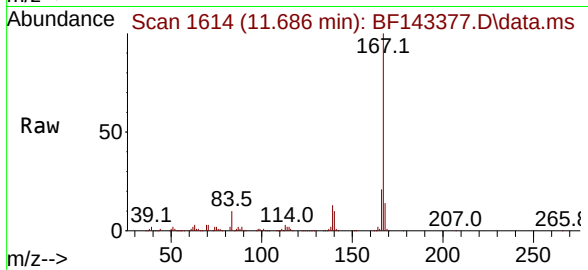




#73
Carbazole
Concen: 35.273 ng
RT: 11.686 min Scan# 1613
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

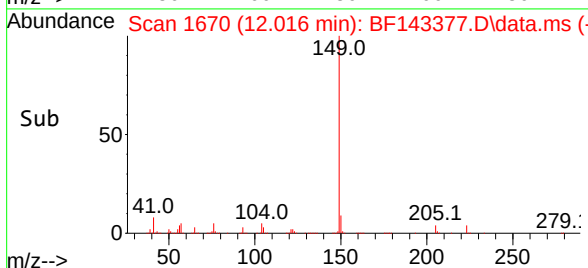
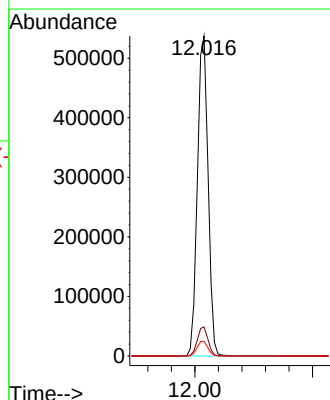
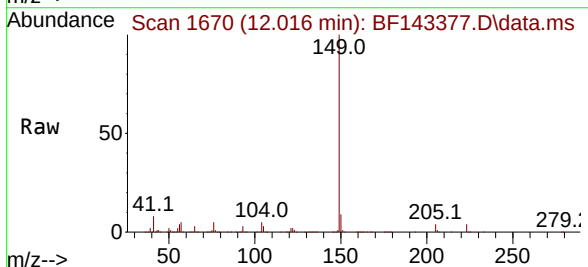
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

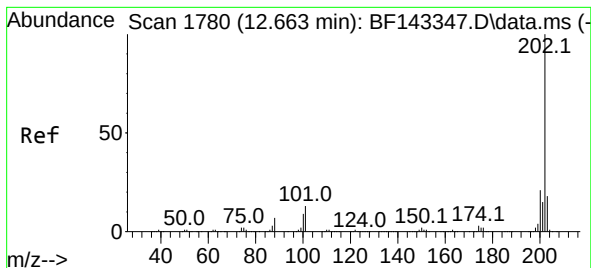
Tgt Ion:167 Resp: 672887
Ion Ratio Lower Upper
167 100
166 21.4 16.8 25.2
139 12.9 10.2 15.2



#74
Di-n-butylphthalate
Concen: 41.959 ng
RT: 12.016 min Scan# 1670
Delta R.T. 0.006 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion:149 Resp: 677330
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.6 3.8 5.8





#75

Fluoranthene

Concen: 35.965 ng

RT: 12.674 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

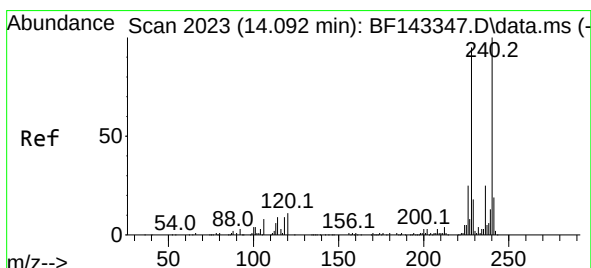
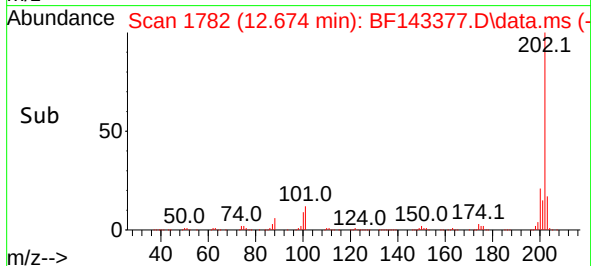
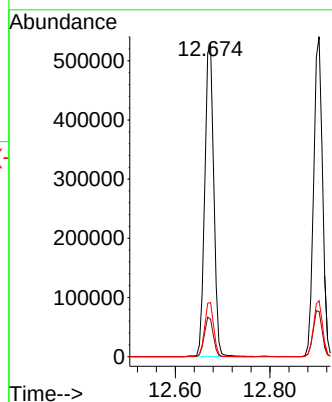
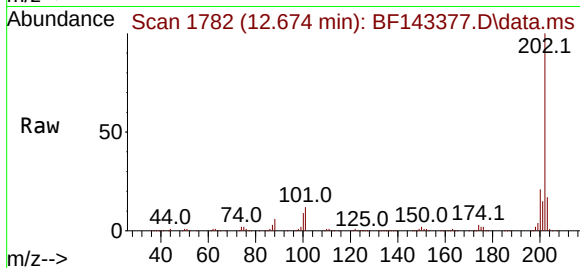
Tgt Ion:202 Resp: 695831

Ion Ratio Lower Upper

202 100

101 12.0 0.0 33.2

203 17.3 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.006 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

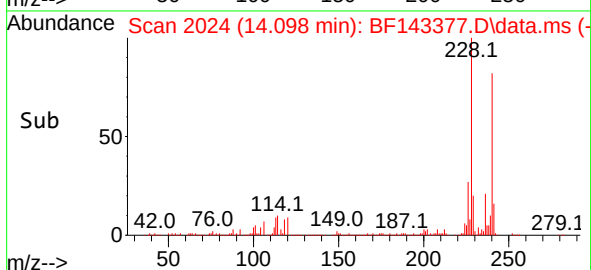
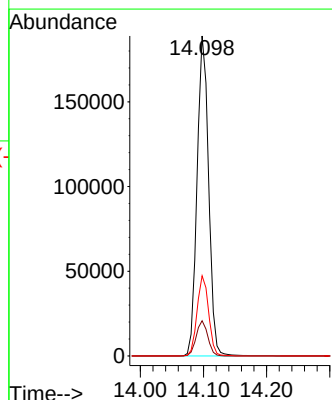
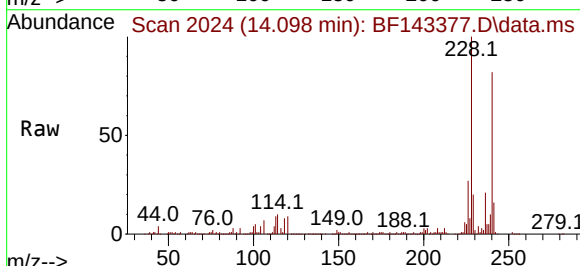
Tgt Ion:240 Resp: 239234

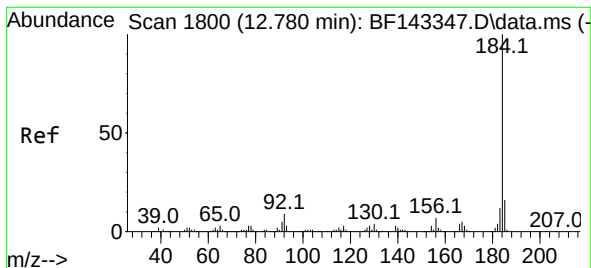
Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.6

236 25.1 19.9 29.9





#77

Benzidine

Concen: 39.317 ng

RT: 12.786 min Scan# 1801

Delta R.T. 0.006 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

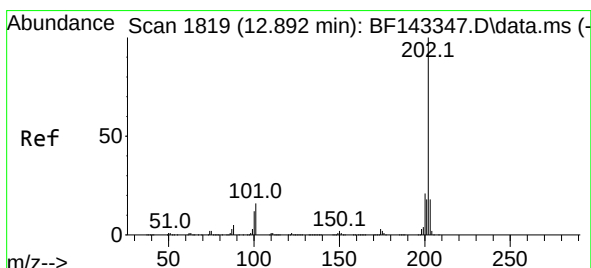
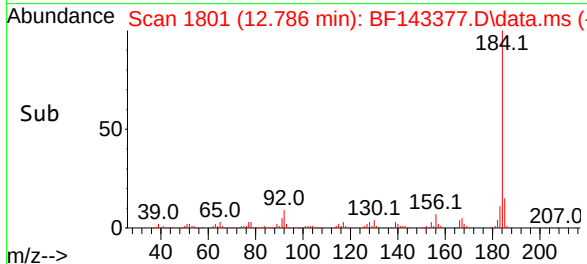
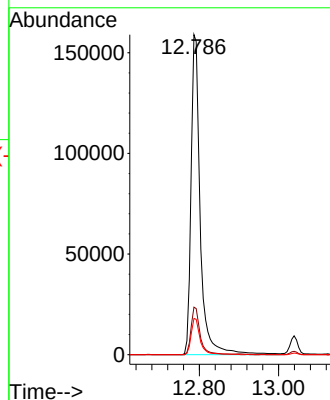
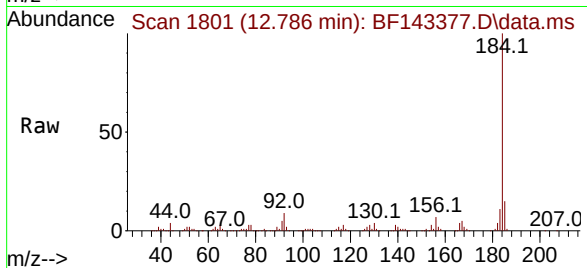
Tgt Ion:184 Resp: 257151

Ion Ratio Lower Upper

184 100

185 14.9 12.8 19.2

183 11.3 9.3 13.9



#78

Pyrene

Concen: 35.069 ng

RT: 12.904 min Scan# 1821

Delta R.T. 0.012 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

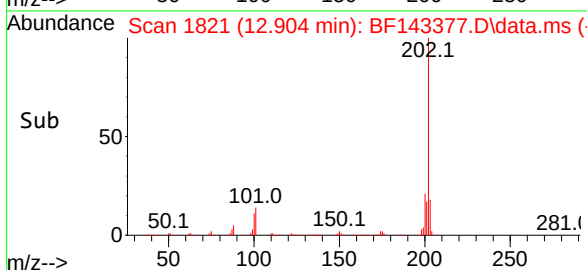
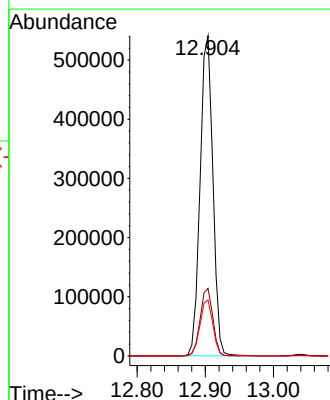
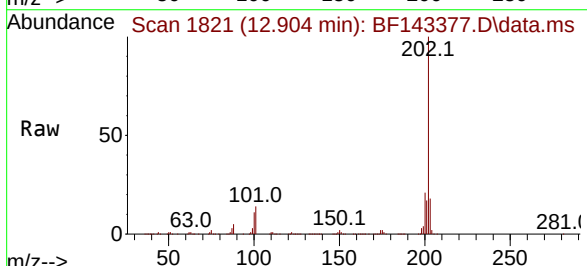
Tgt Ion:202 Resp: 703812

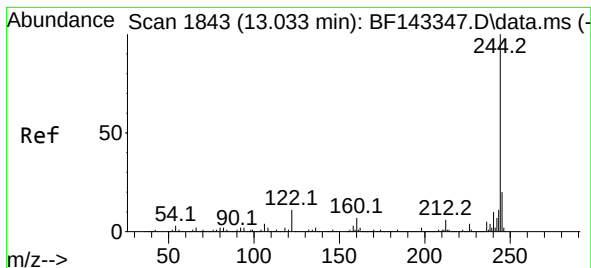
Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 73.338 ng

RT: 13.039 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

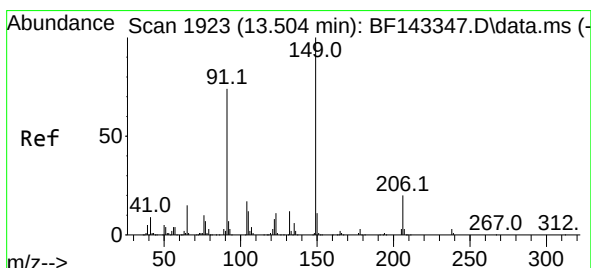
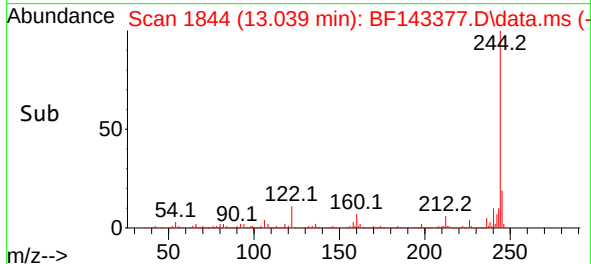
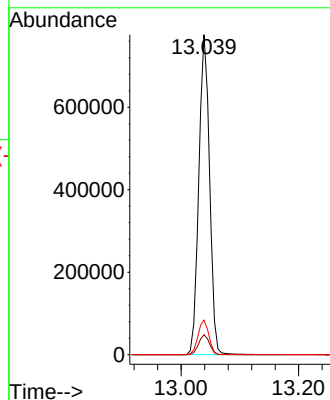
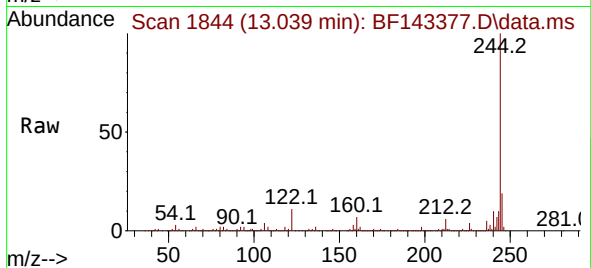
Tgt Ion:244 Resp: 982722

Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

122 10.8 8.9 13.3



#80

Butylbenzylphthalate

Concen: 49.838 ng

RT: 13.510 min Scan# 1924

Delta R.T. 0.006 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

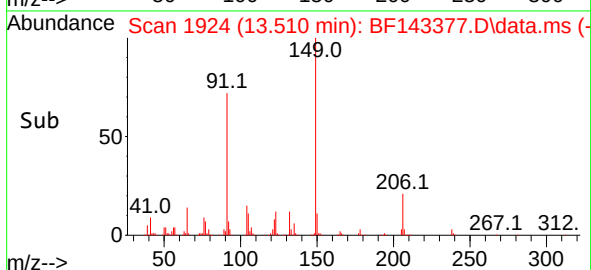
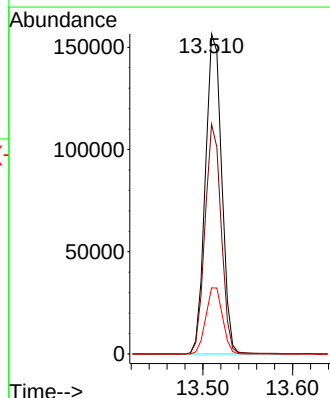
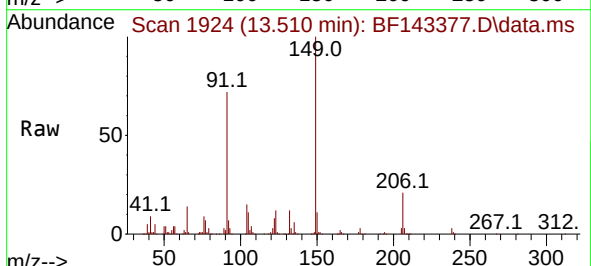
Tgt Ion:149 Resp: 198206

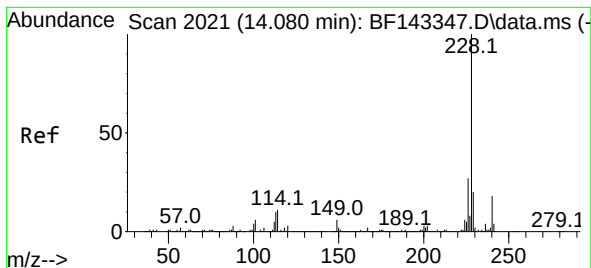
Ion Ratio Lower Upper

149 100

91 71.8 58.8 88.2

206 20.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 37.867 ng

RT: 14.086 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

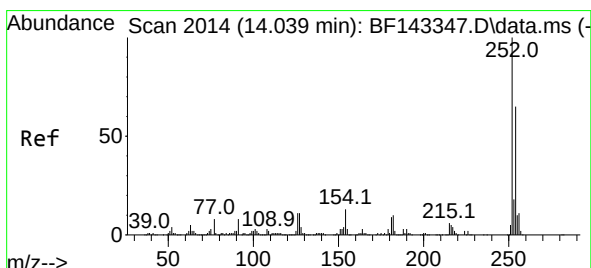
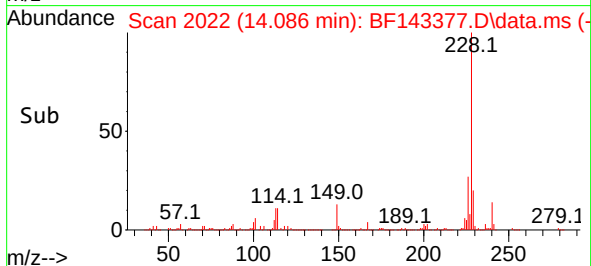
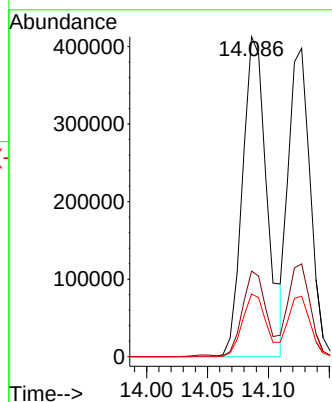
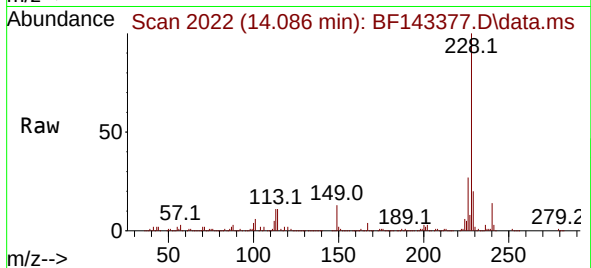
Tgt Ion:228 Resp: 575793

Ion Ratio Lower Upper

228 100

226 26.7 22.0 33.0

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 40.349 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

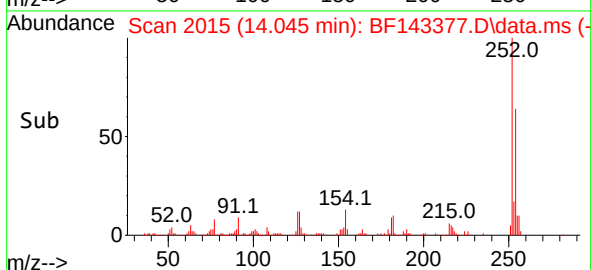
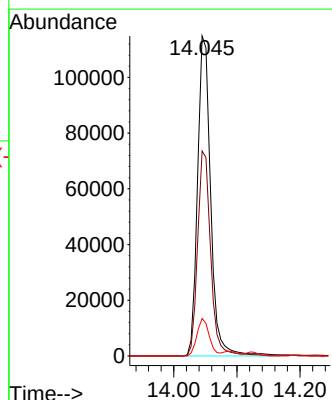
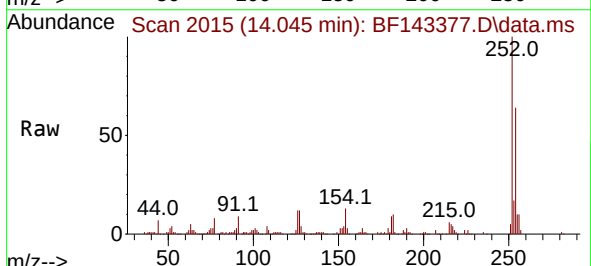
Tgt Ion:252 Resp: 165667

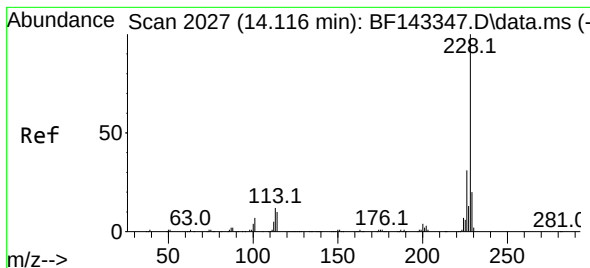
Ion Ratio Lower Upper

252 100

254 64.1 51.7 77.5

126 11.7 9.2 13.8





#83

Chrysene

Concen: 35.052 ng

RT: 14.127 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

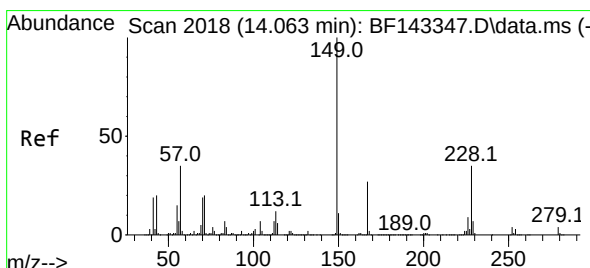
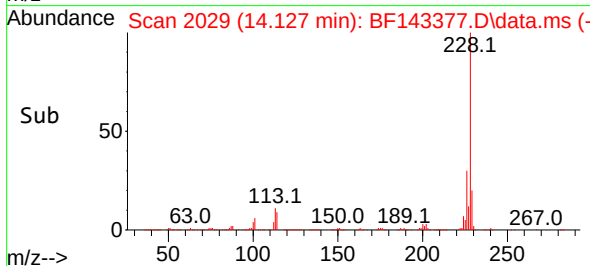
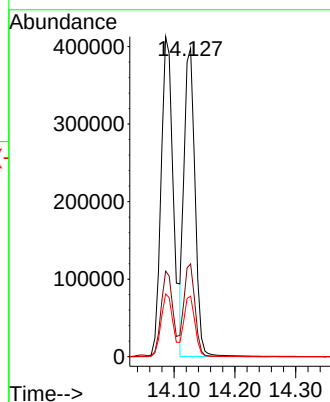
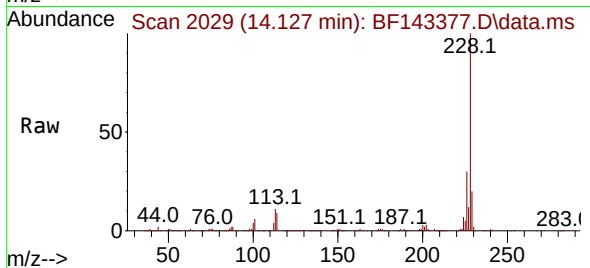
Tgt Ion:228 Resp: 496975

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.177 ng

RT: 14.074 min Scan# 2020

Delta R.T. 0.011 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

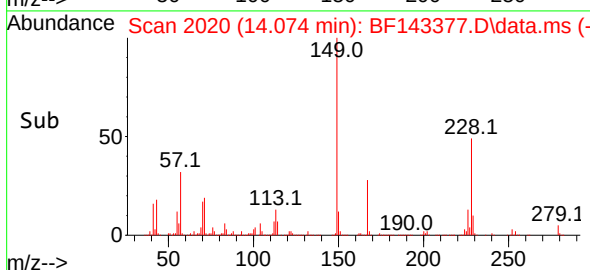
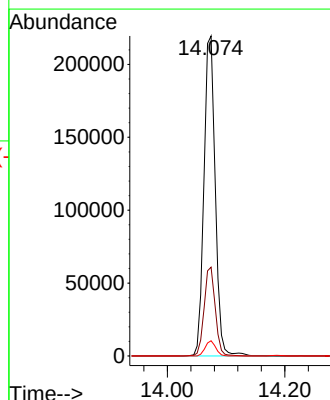
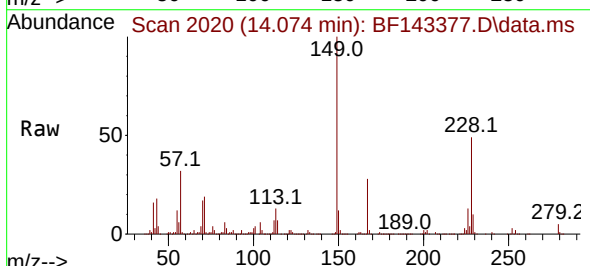
Tgt Ion:149 Resp: 293859

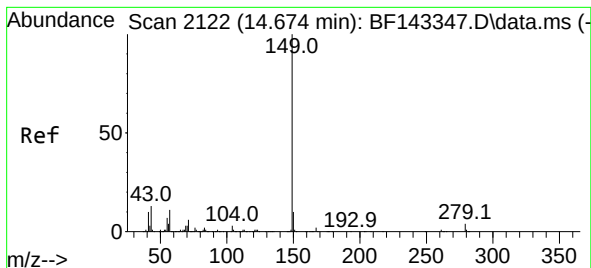
Ion Ratio Lower Upper

149 100

167 27.8 21.4 32.0

279 4.8 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 47.599 ng

RT: 14.686 min Scan# 2124

Delta R.T. 0.012 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

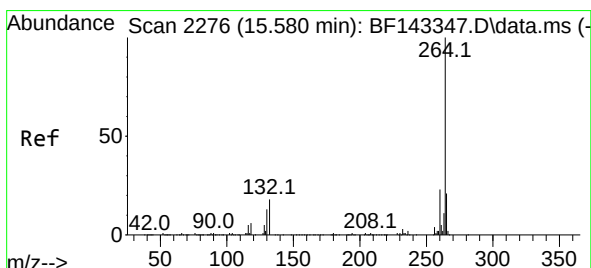
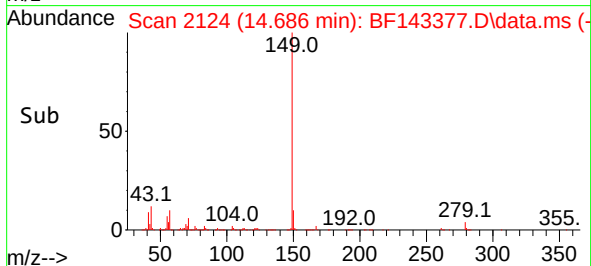
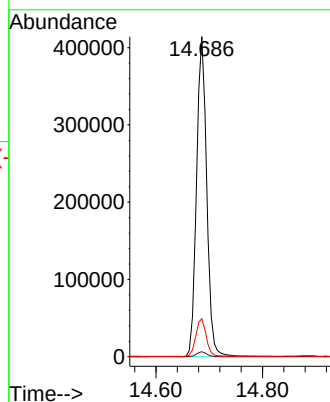
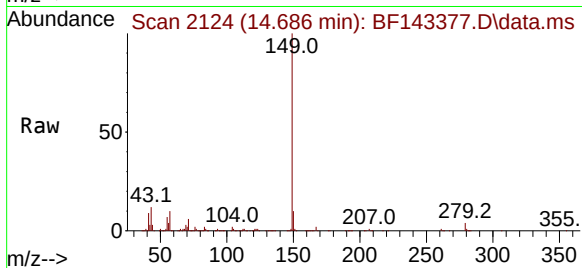
Tgt Ion:149 Resp: 552169

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 12.0 10.8 16.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2278

Delta R.T. 0.012 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

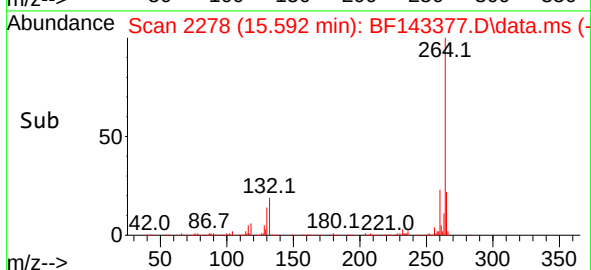
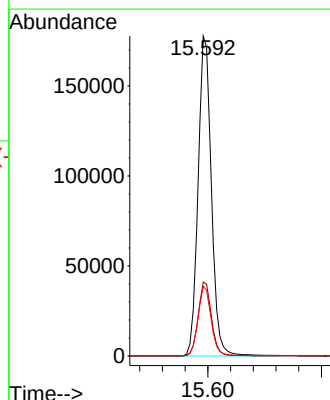
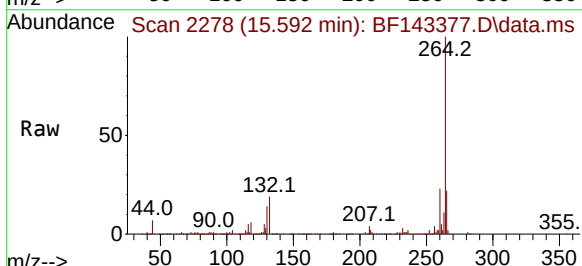
Tgt Ion:264 Resp: 289673

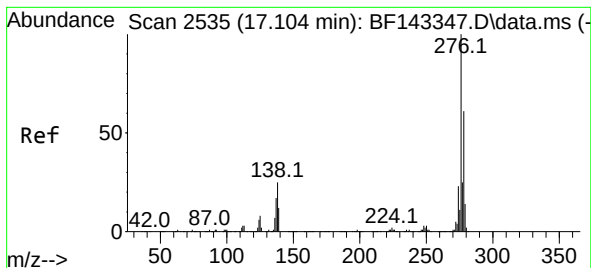
Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.7 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.525 ng

RT: 17.121 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

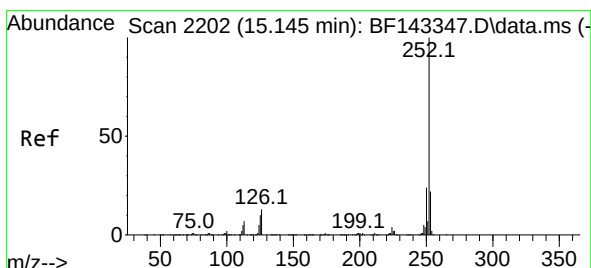
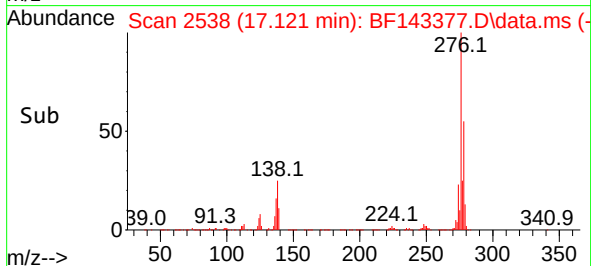
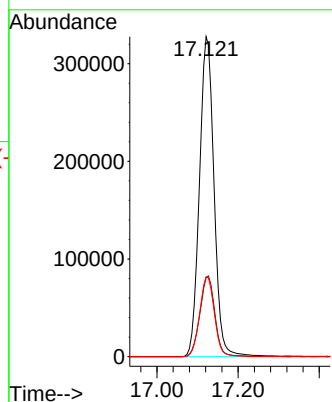
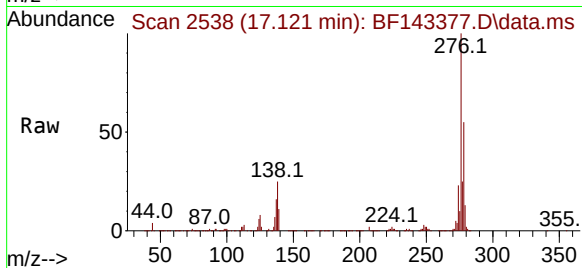
Tgt Ion:276 Resp: 820270

Ion Ratio Lower Upper

276 100

138 25.8 21.1 31.7

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 36.925 ng

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

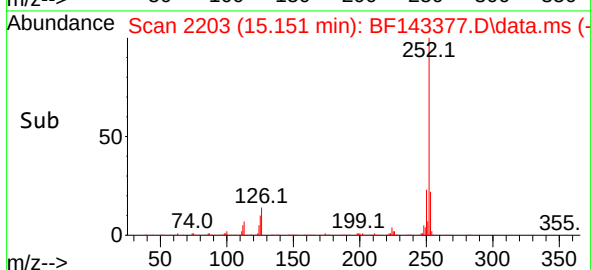
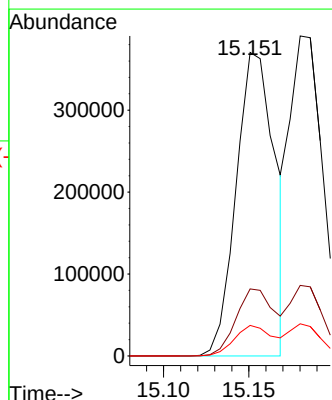
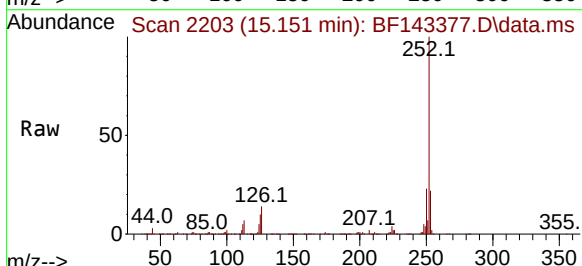
Tgt Ion:252 Resp: 585035

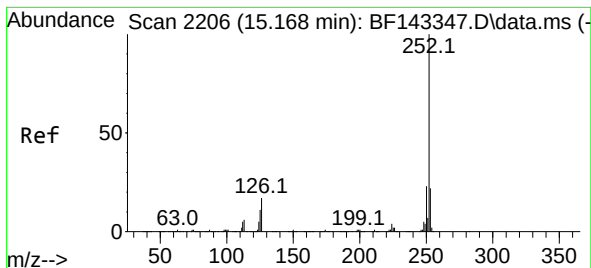
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 10.1 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 34.980 ng

RT: 15.180 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

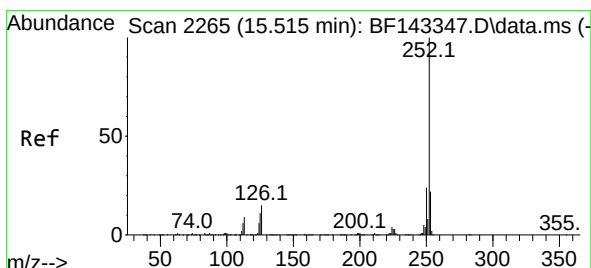
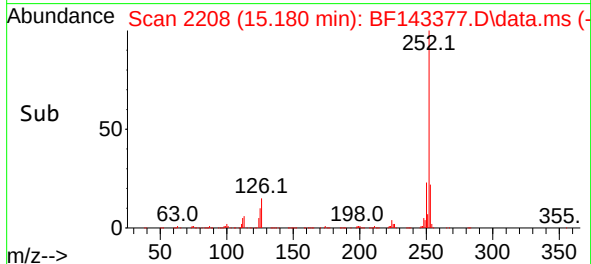
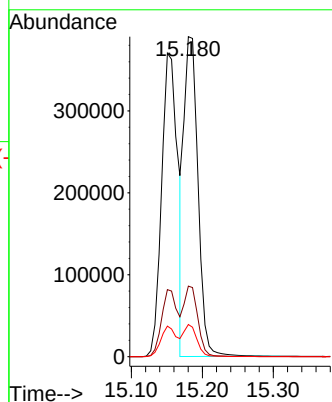
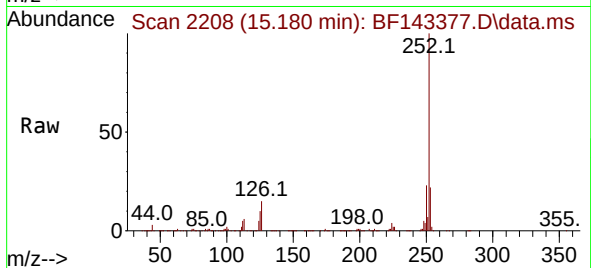
Tgt Ion:252 Resp: 538537

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.1 8.4 12.6



#90

Benzo(a)pyrene

Concen: 36.867 ng

RT: 15.533 min Scan# 2268

Delta R.T. 0.018 min

Lab File: BF143377.D

Acq: 14 Aug 2025 12:55

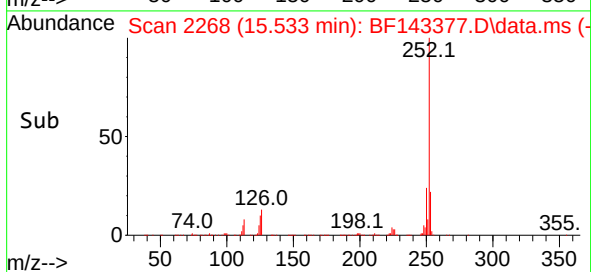
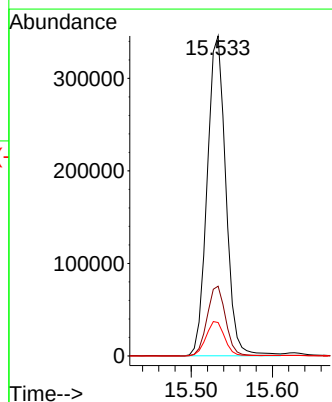
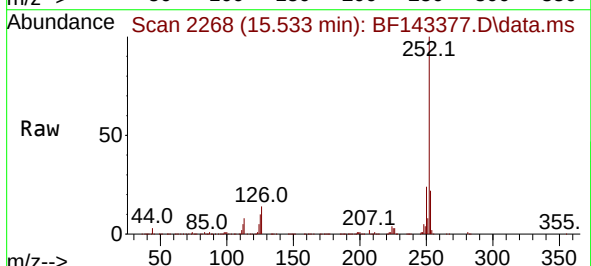
Tgt Ion:252 Resp: 550144

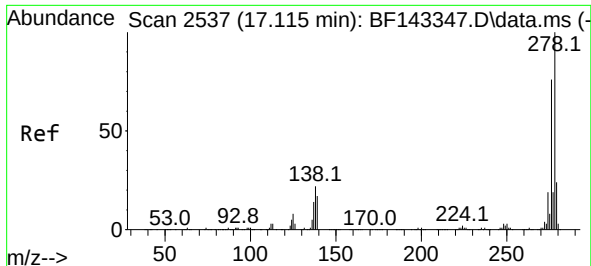
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 10.5 9.1 13.7

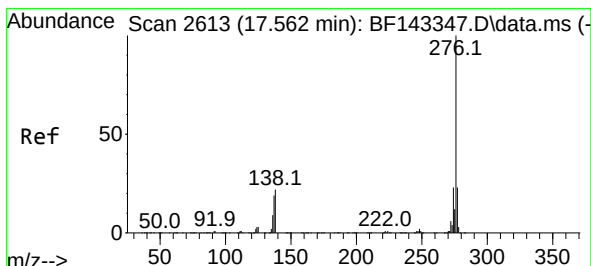
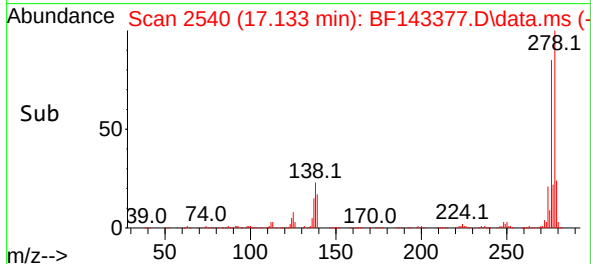
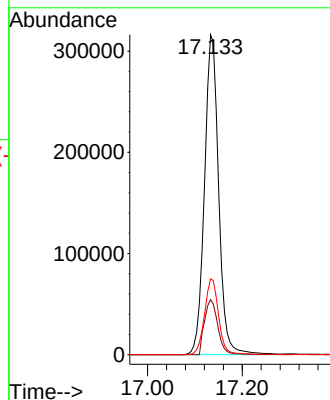
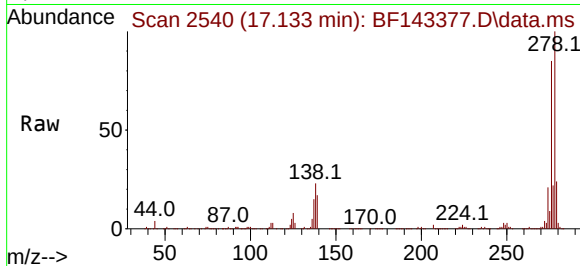




#91
Dibenzo(a,h)anthracene
Concen: 39.667 ng
RT: 17.133 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 657670
Ion Ratio Lower Upper
278 100
139 17.2 14.0 21.0
279 23.7 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 39.657 ng
RT: 17.586 min Scan# 2617
Delta R.T. 0.023 min
Lab File: BF143377.D
Acq: 14 Aug 2025 12:55

Tgt Ion:276 Resp: 662349
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 22.5 17.8 26.8

