

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012425\
 Data File : BF141256.D
 Acq On : 24 Jan 2025 11:12
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 25 00:58:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	164483	20.000	ng	-0.02
21) Naphthalene-d8	8.086	136	633508	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	335671	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	558085	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	380590	20.000	ng	0.00
86) Perylene-d12	15.445	264	392781	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	831506	78.094	ng	-0.02
7) Phenol-d6	6.434	99	1036934	76.882	ng	-0.01
23) Nitrobenzene-d5	7.369	82	918591	76.863	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	318328	83.228	ng	-0.02
45) 2-Fluorobiphenyl	9.169	172	1695832	77.147	ng	-0.01
79) Terphenyl-d14	12.921	244	1839453	71.836	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.504	88	185360	39.093	ng 97
3) Pyridine	3.240	79	444396	38.220	ng 95
4) n-Nitrosodimethylamine	3.193	42	209040	36.769	ng 95
6) Aniline	6.469	93	438529	36.622	ng 99
8) 2-Chlorophenol	6.592	128	449519	39.350	ng 96
9) Benzaldehyde	6.357	77	306852	38.629	ng 97
10) Phenol	6.451	94	547506	37.922	ng 96
11) bis(2-Chloroethyl)ether	6.545	93	415695	38.635	ng 96
12) 1,3-Dichlorobenzene	6.745	146	504767	39.618	ng 99
13) 1,4-Dichlorobenzene	6.822	146	508746	39.625	ng 100
14) 1,2-Dichlorobenzene	6.975	146	473762	39.559	ng 99
15) Benzyl Alcohol	6.945	79	374627	38.462	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	536298	35.719	ng 97
17) 2-Methylphenol	7.057	107	357724	38.788	ng 99
18) Hexachloroethane	7.316	117	183609	39.546	ng 98
19) n-Nitroso-di-n-propyla...	7.222	70	291117	36.642	ng 96
20) 3+4-Methylphenols	7.210	107	440577	37.865	ng # 87
22) Acetophenone	7.216	105	577008	38.314	ng 97
24) Nitrobenzene	7.387	77	478366	38.406	ng 99
25) Isophorone	7.628	82	772890	37.843	ng 99
26) 2-Nitrophenol	7.704	139	235884	41.633	ng 99
27) 2,4-Dimethylphenol	7.739	122	296671	38.819	ng 98
28) bis(2-Chloroethoxy)met...	7.839	93	488957	38.147	ng 100
29) 2,4-Dichlorophenol	7.945	162	364856	40.197	ng 99
30) 1,2,4-Trichlorobenzene	8.028	180	416316	40.127	ng 99
31) Naphthalene	8.110	128	1299110	38.886	ng 100
32) Benzoic acid	7.851	122	295405	40.294	ng 98
33) 4-Chloroaniline	8.157	127	420996	36.438	ng 99
34) Hexachlorobutadiene	8.228	225	253095	40.486	ng 99
35) Caprolactam	8.528	113	112789	37.955	ng 98
36) 4-Chloro-3-methylphenol	8.639	107	387525	39.039	ng 100
37) 2-Methylnaphthalene	8.804	142	831992	39.081	ng 100
38) 1-Methylnaphthalene	8.898	142	812630	38.731	ng 100
40) 1,2,4,5-Tetrachloroben...	8.969	216	385026	39.964	ng 99
41) Hexachlorocyclopentadiene	8.951	237	128168	40.662	ng 100
43) 2,4,6-Trichlorophenol	9.081	196	257604	39.645	ng 98

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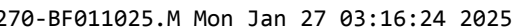
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	272993	39.781	ng	99
46) 1,1'-Biphenyl	9.269	154	1016211	38.983	ng	98
47) 2-Chloronaphthalene	9.292	162	790681	38.942	ng	98
48) 2-Nitroaniline	9.386	65	228694	37.997	ng	98
49) Acenaphthylene	9.704	152	1123626	38.735	ng	99
50) Dimethylphthalate	9.569	163	882789	39.174	ng	100
51) 2,6-Dinitrotoluene	9.628	165	210143	40.101	ng	98
52) Acenaphthene	9.880	154	801752	39.560	ng	100
53) 3-Nitroaniline	9.798	138	205284	38.549	ng	99
54) 2,4-Dinitrophenol	9.904	184	104325	41.883	ng	97
55) Dibenzofuran	10.051	168	1074285	38.971	ng	100
56) 4-Nitrophenol	9.957	139	166688	39.967	ng	96
57) 2,4-Dinitrotoluene	10.033	165	277407	41.076	ng	97
58) Fluorene	10.392	166	827861	38.655	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	223066	39.106	ng	99
60) Diethylphthalate	10.269	149	872387	39.654	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	414237	39.685	ng	98
62) 4-Nitroaniline	10.410	138	207914	39.890	ng	99
63) Azobenzene	10.545	77	817093	37.641	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	148422	45.895	ng	98
66) n-Nitrosodiphenylamine	10.504	169	720801	40.043	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	268616	41.806	ng	97
68) Hexachlorobenzene	10.939	284	299452	41.867	ng	99
69) Atrazine	11.033	200	180212	37.181	ng	99
70) Pentachlorophenol	11.133	266	194248	42.408	ng	99
71) Phenanthrene	11.357	178	1194930	39.882	ng	100
72) Anthracene	11.410	178	1176354	40.378	ng	99
73) Carbazole	11.563	167	1073986	40.204	ng	100
74) Di-n-butylphthalate	11.898	149	1302823	42.616	ng	100
75) Fluoranthene	12.545	202	1258393	42.088	ng	99
77) Benzidine	12.669	184	242860	34.410	ng	100
78) Pyrene	12.774	202	1264260	34.779	ng	100
80) Butylbenzylphthalate	13.398	149	488733	40.325	ng	97
81) Benzo(a)anthracene	13.968	228	972928	37.563	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	316689	38.398	ng	100
83) Chrysene	14.004	228	891131	36.769	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	647609	44.534	ng	99
85) Di-n-octyl phthalate	14.586	149	1068185	48.644	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	1115626	38.769	ng	99
88) Benzo(b)fluoranthene	15.021	252	961170	37.949	ng	99
89) Benzo(k)fluoranthene	15.051	252	875015	40.880	ng	100
90) Benzo(a)pyrene	15.380	252	827782	39.613	ng	100
91) Dibenzo(a,h)anthracene	16.915	278	908035	39.014	ng	99
92) Benzo(g,h,i)perylene	17.339	276	940023	38.830	ng	99

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

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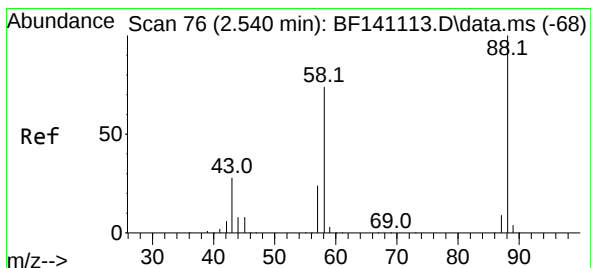
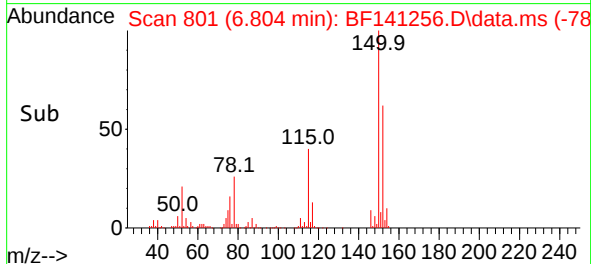
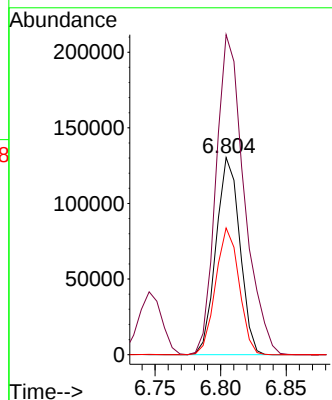
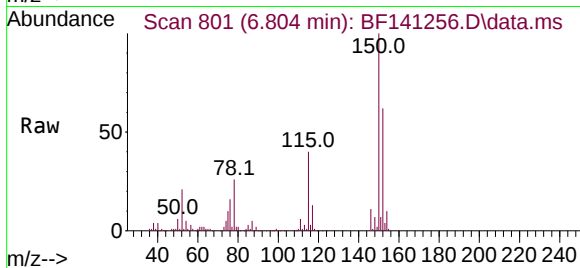




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF141256.D
 Acq: 24 Jan 2025 11:12

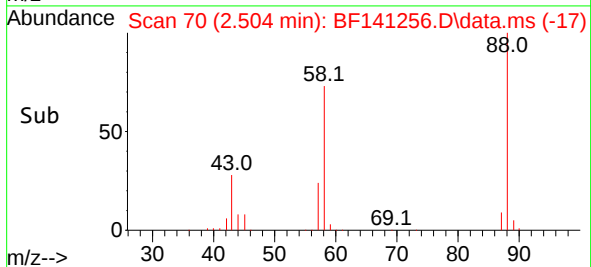
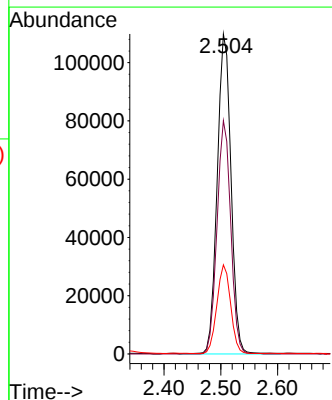
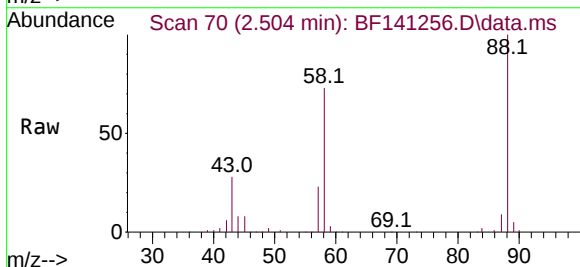
Instrument :
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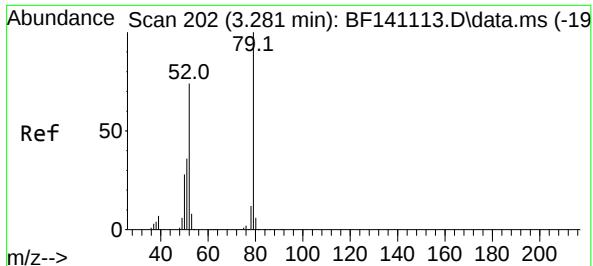
Tgt Ion:152 Resp: 164483
 Ion Ratio Lower Upper
 152 100
 150 162.3 125.8 188.8
 115 64.3 51.4 77.2



#2
 1,4-Dioxane
 Concen: 39.093 ng
 RT: 2.504 min Scan# 70
 Delta R.T. -0.035 min
 Lab File: BF141256.D
 Acq: 24 Jan 2025 11:12

Tgt Ion: 88 Resp: 185360
 Ion Ratio Lower Upper
 88 100
 58 72.2 60.1 90.1
 43 27.4 23.1 34.7

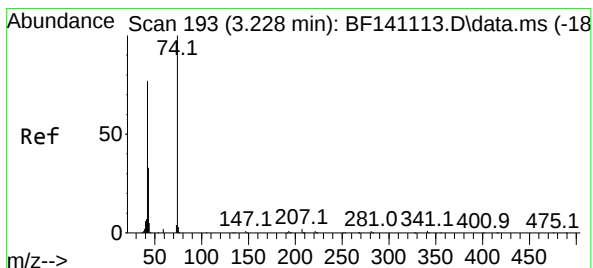
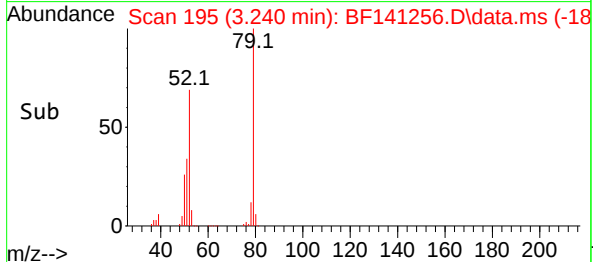
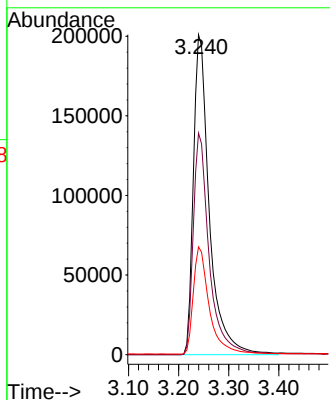
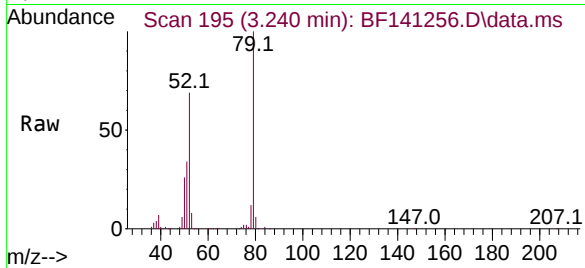




#3
Pyridine
Concen: 38.220 ng
RT: 3.240 min Scan# 195
Delta R.T. -0.041 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

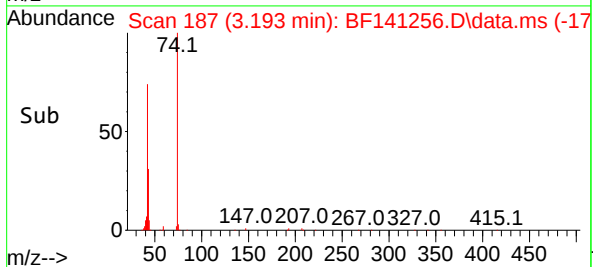
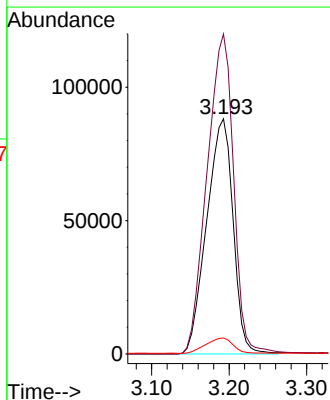
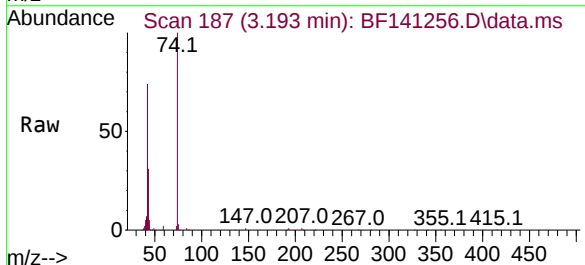
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

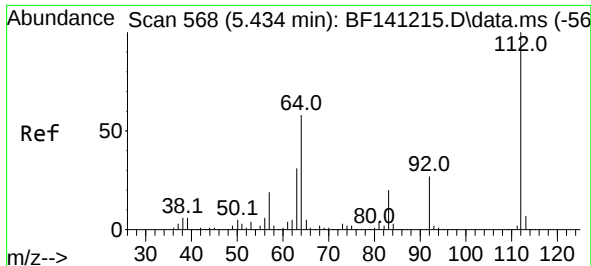
Tgt Ion: 79 Resp: 444396
Ion Ratio Lower Upper
79 100
52 69.3 58.9 88.3
51 33.7 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 36.769 ng
RT: 3.193 min Scan# 187
Delta R.T. -0.035 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion: 42 Resp: 209040
Ion Ratio Lower Upper
42 100
74 136.0 103.8 155.6
44 6.8 5.3 7.9

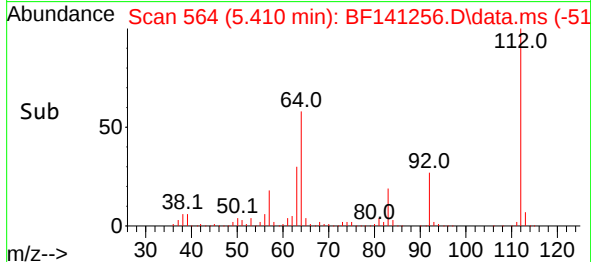
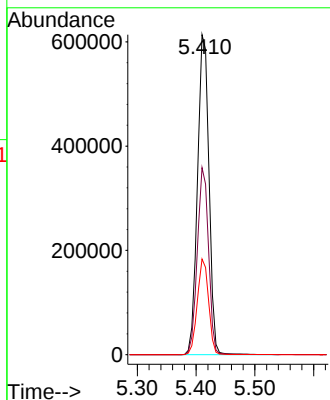
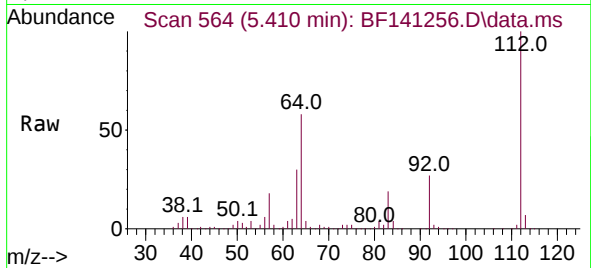




#5
2-Fluorophenol
Concen: 78.094 ng
RT: 5.410 min Scan# 506
Delta R.T. -0.018 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

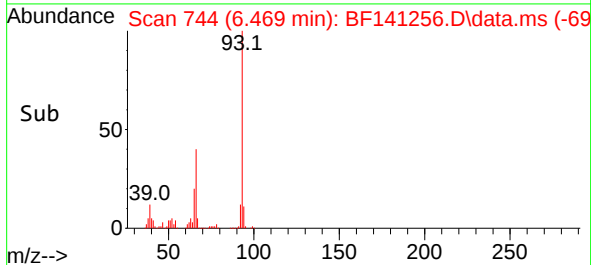
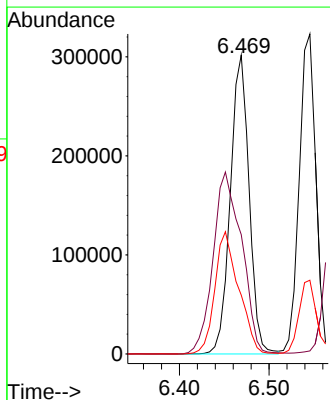
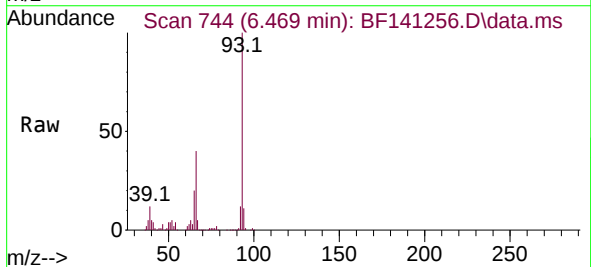
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 831506
Ion Ratio Lower Upper
112 100
64 58.4 47.3 70.9
63 29.9 24.2 36.2



#6
Aniline
Concen: 36.622 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion: 93 Resp: 438529
Ion Ratio Lower Upper
93 100
66 40.0 31.5 47.3
65 19.7 15.3 22.9

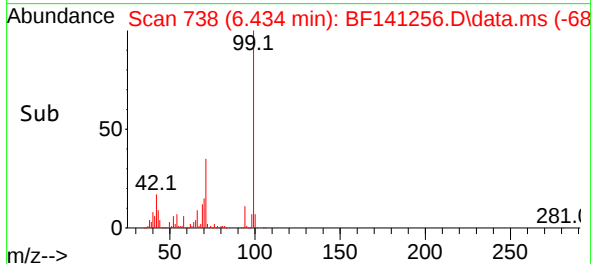
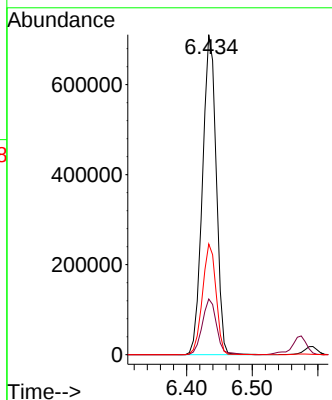
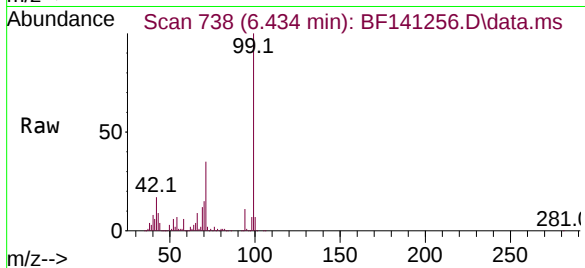




#7
Phenol-d6
Concen: 76.882 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

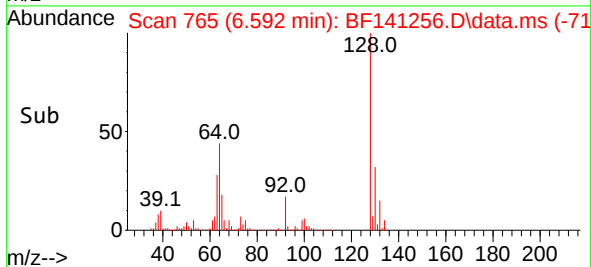
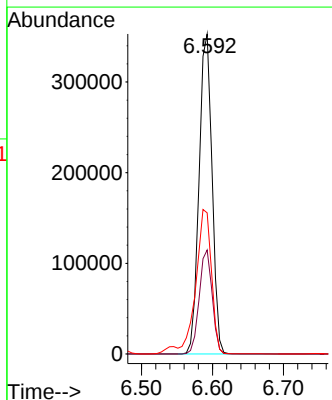
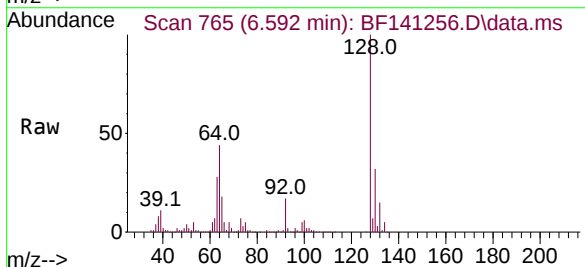
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1036934
Ion Ratio Lower Upper
99 100
42 17.4 15.0 22.4
71 34.6 27.6 41.4



#8
2-Chlorophenol
Concen: 39.350 ng
RT: 6.592 min Scan# 765
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion: 128 Resp: 449519
Ion Ratio Lower Upper
128 100
130 32.5 12.5 52.5
64 44.1 28.3 68.3

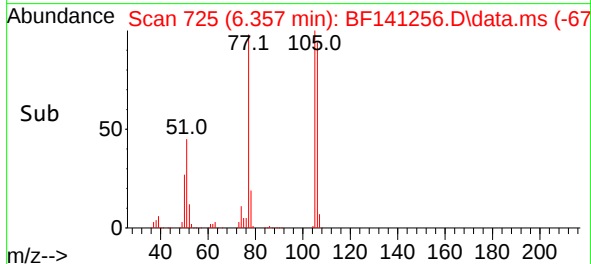
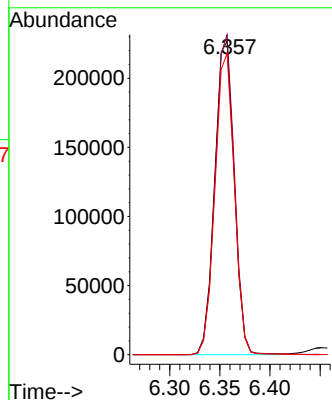
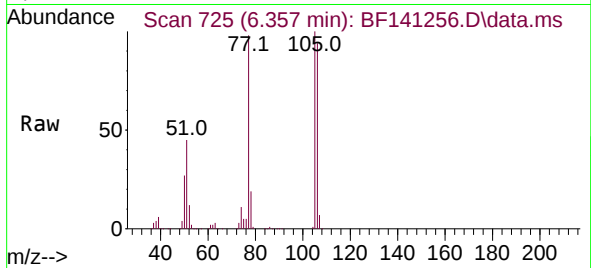




#9
Benzaldehyde
Concen: 38.629 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

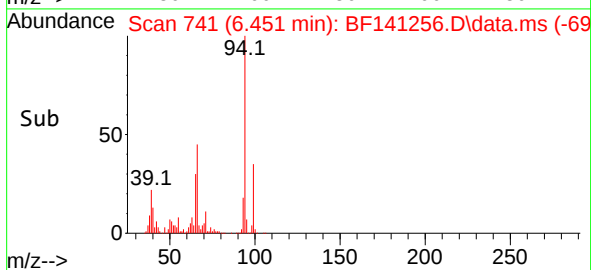
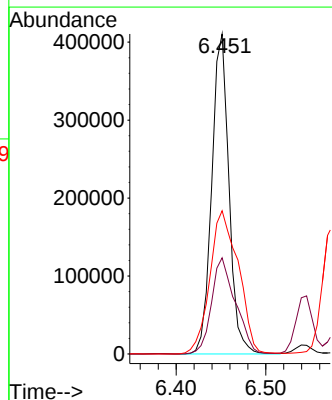
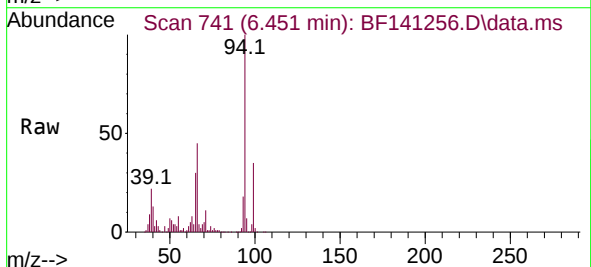
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ClientSampleId :
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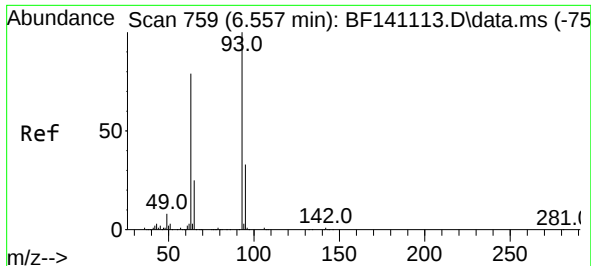
Tgt Ion: 77 Resp: 306852
Ion Ratio Lower Upper
77 100
105 102.1 78.9 118.9
106 96.1 73.6 113.6



#10
Phenol
Concen: 37.922 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion: 94 Resp: 547506
Ion Ratio Lower Upper
94 100
65 30.1 8.9 48.9
66 44.7 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 38.635 ng

RT: 6.545 min Scan# 710

Delta R.T. -0.012 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

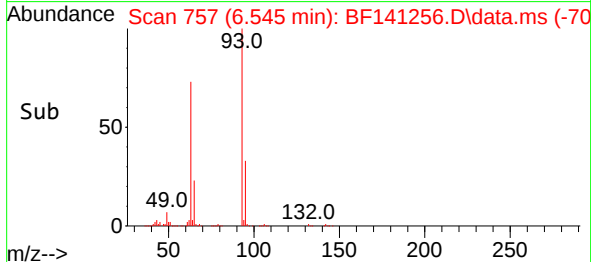
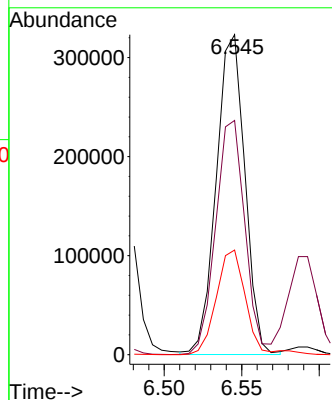
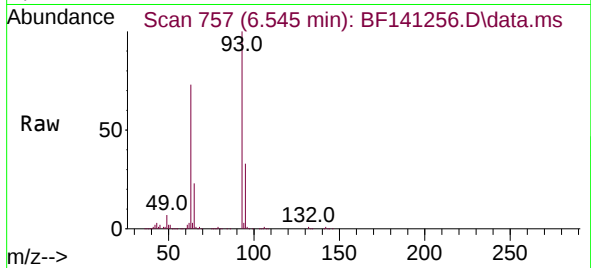
Tgt Ion: 93 Resp: 415695

Ion Ratio Lower Upper

93 100

63 73.2 58.0 98.0

95 32.7 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 39.618 ng

RT: 6.745 min Scan# 791

Delta R.T. -0.018 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

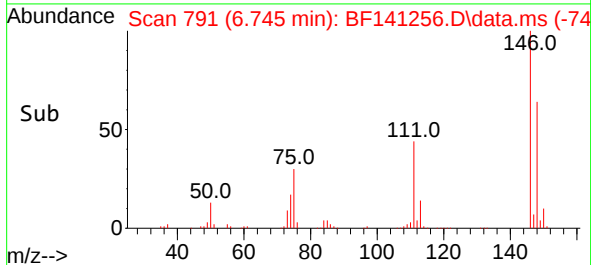
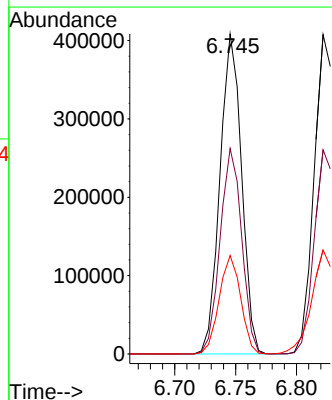
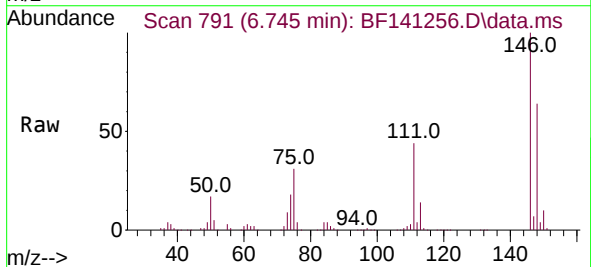
Tgt Ion:146 Resp: 504767

Ion Ratio Lower Upper

146 100

148 64.2 51.6 77.4

75 30.8 26.2 39.2





#13

1,4-Dichlorobenzene

Concen: 39.625 ng

RT: 6.822 min Scan# 80

Delta R.T. -0.018 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

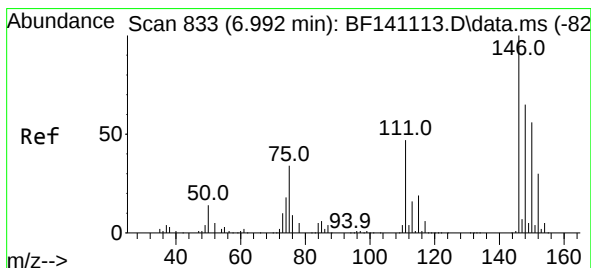
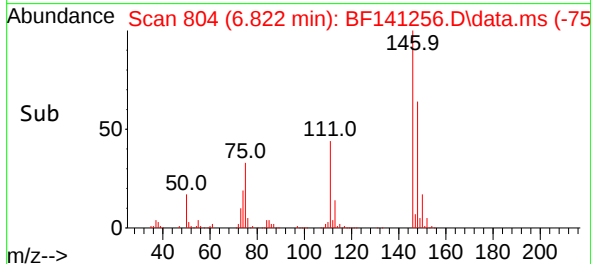
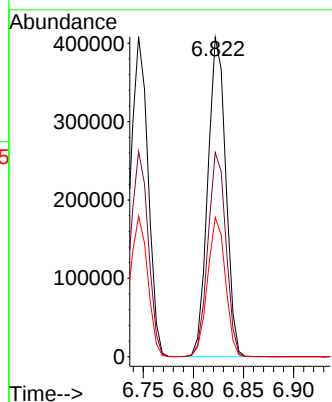
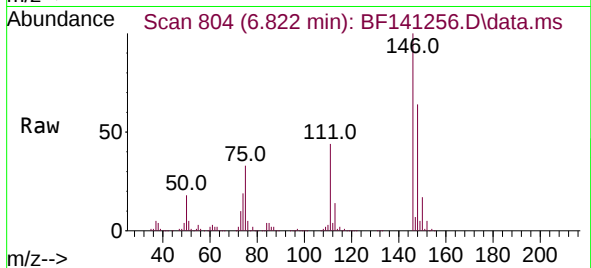
Tgt Ion:146 Resp: 508746

Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.6

111 43.7 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 39.559 ng

RT: 6.975 min Scan# 830

Delta R.T. -0.018 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

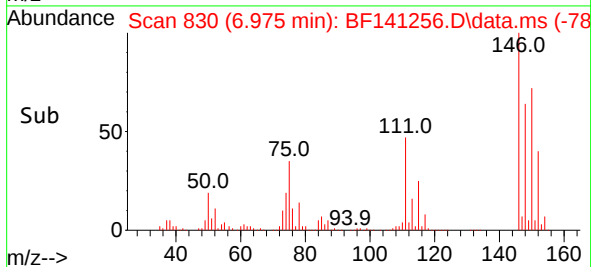
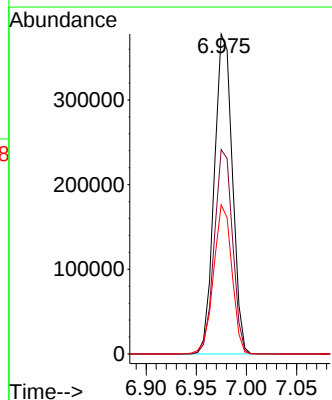
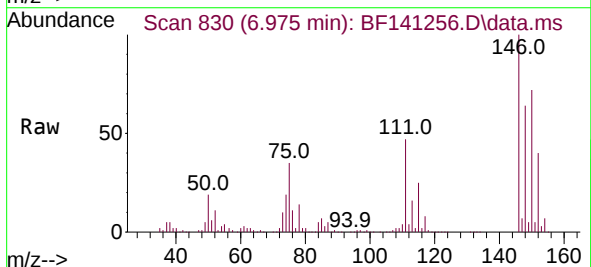
Tgt Ion:146 Resp: 473762

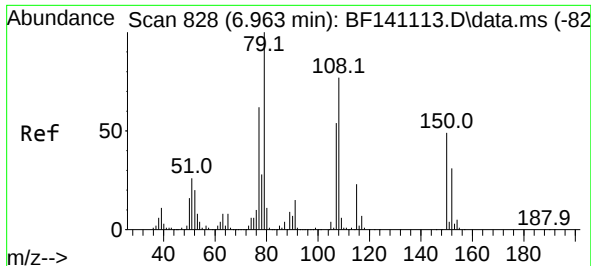
Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.4

111 46.6 37.5 56.3

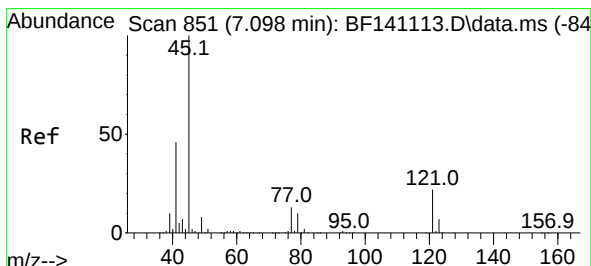
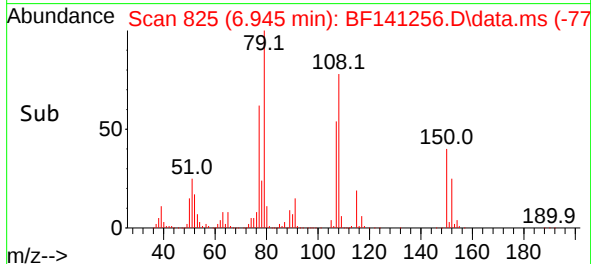
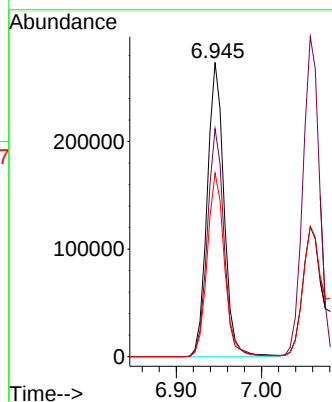
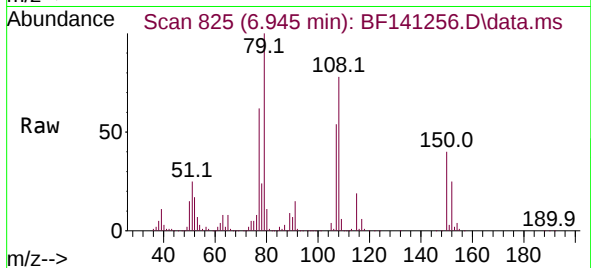




#15
Benzyl Alcohol
Concen: 38.462 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

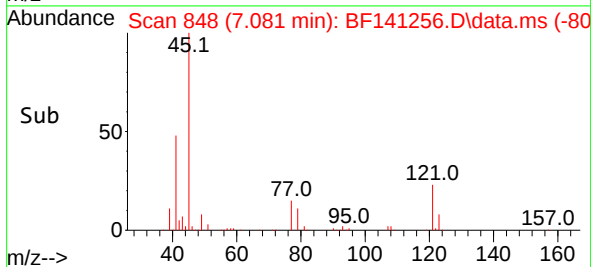
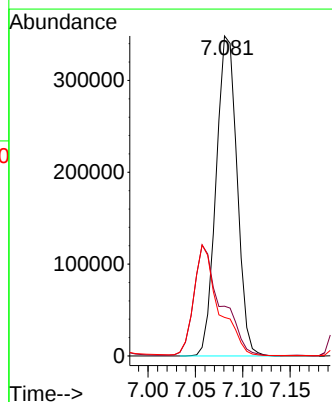
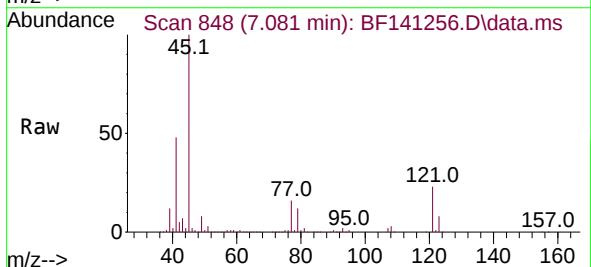
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

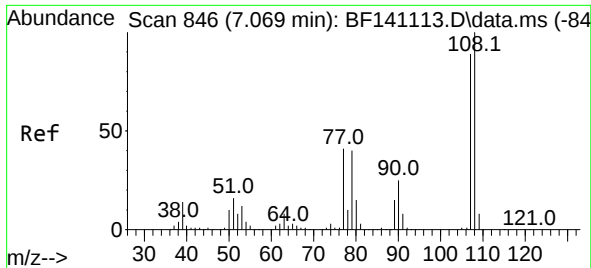
Tgt Ion: 79 Resp: 374627
Ion Ratio Lower Upper
79 100
108 77.5 61.4 92.0
77 62.4 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.719 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.018 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion: 45 Resp: 536298
Ion Ratio Lower Upper
45 100
77 15.6 0.0 34.1
79 12.0 0.0 31.0

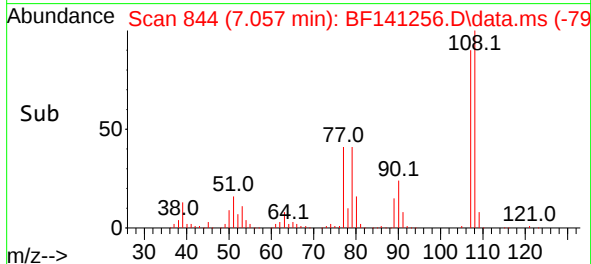
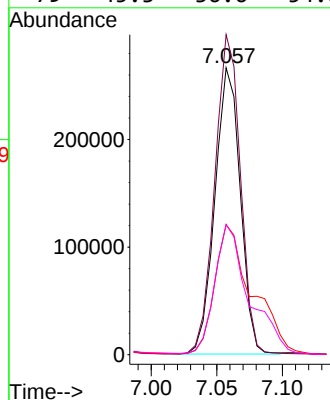
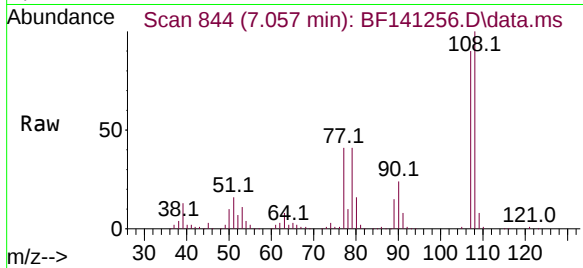




#17
2-Methylphenol
Concen: 38.788 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

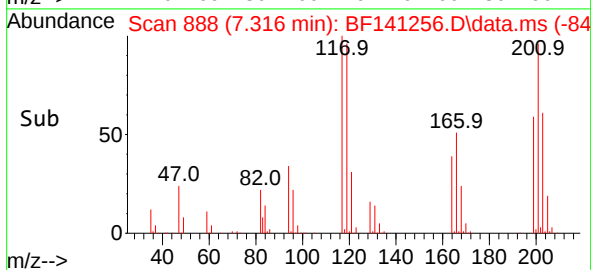
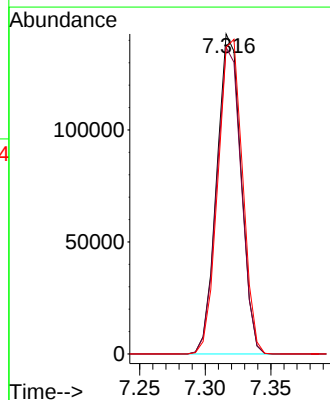
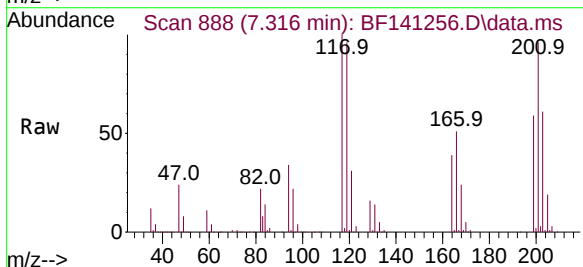
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	357724
Ion	Ratio	Lower	Upper
107	100		
108	111.5	90.1	135.1
77	45.4	36.6	55.0
79	45.3	36.6	54.8



#18
Hexachloroethane
Concen: 39.546 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion:	117	Resp:	183609
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.6	116.4
201	95.8	75.1	112.7

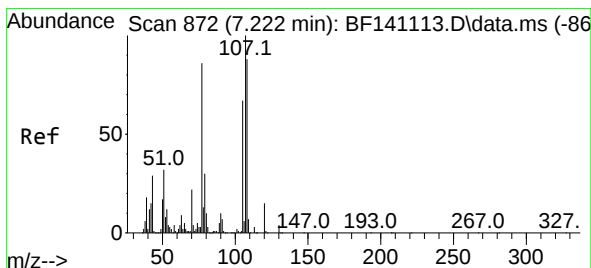
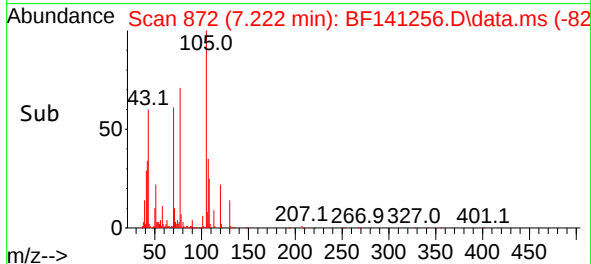
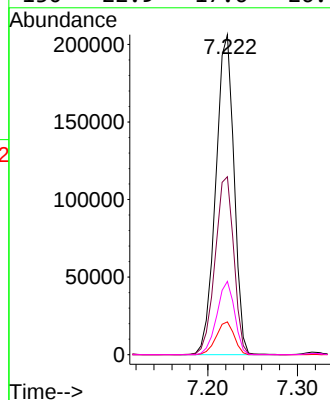
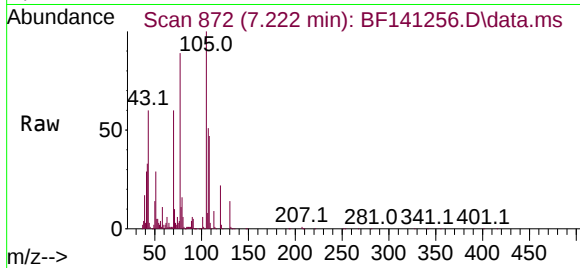




#19
n-Nitroso-di-n-propylamine
Concen: 36.642 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

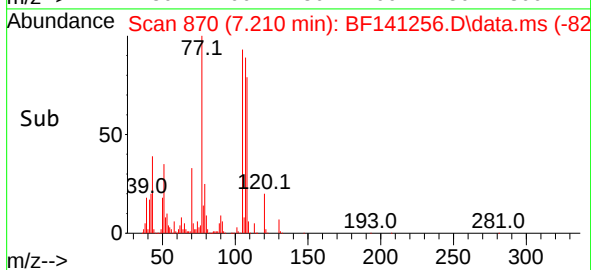
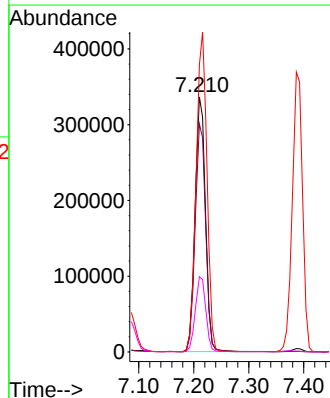
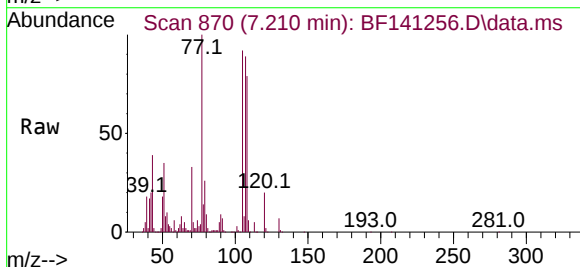
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

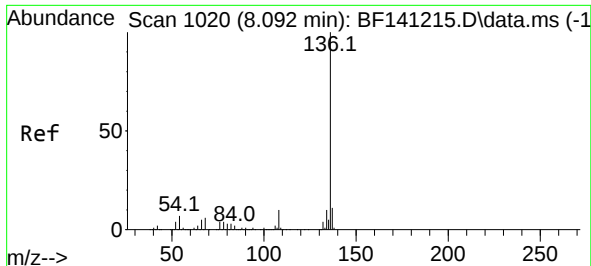
Tgt Ion: 70 Resp: 291117
Ion Ratio Lower Upper
70 100
42 55.6 47.8 71.6
101 10.3 7.9 11.9
130 22.9 17.6 26.4



#20
3+4-Methylphenols
Concen: 37.865 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion: 107 Resp: 440577
Ion Ratio Lower Upper
107 100
108 89.4 68.3 108.3
77 112.5 66.4 106.4#
79 29.5 9.6 49.6

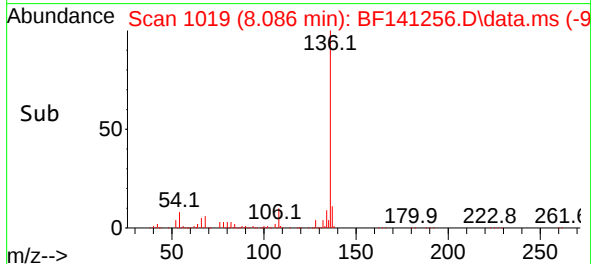
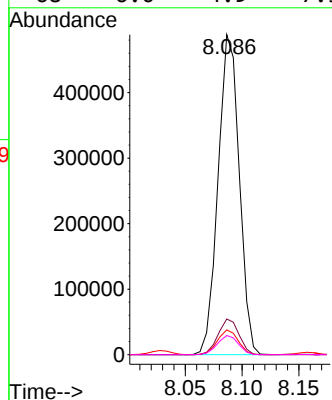
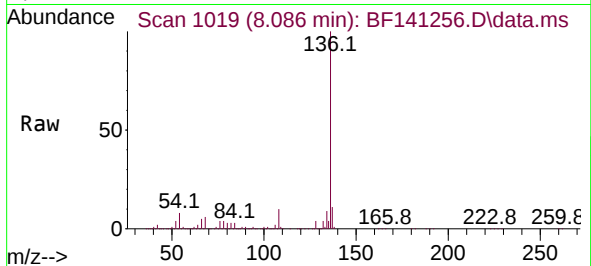




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

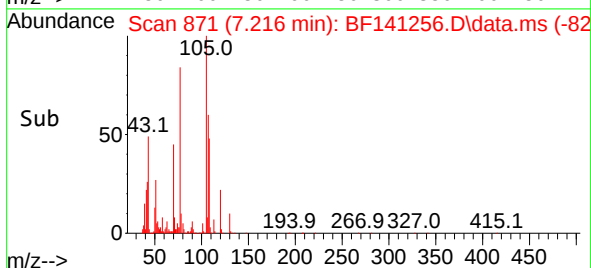
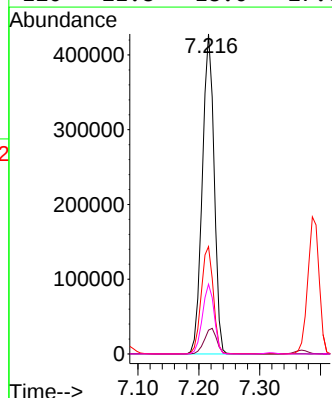
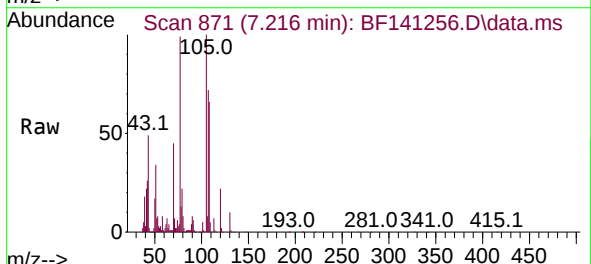
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

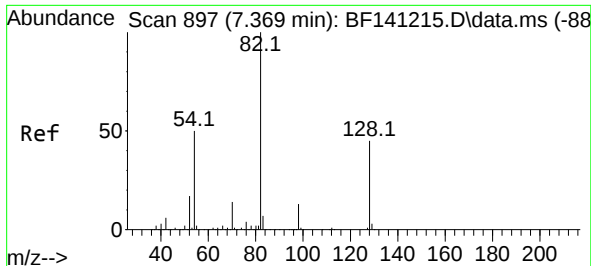
Tgt Ion:	136	Resp:	633508
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.8	6.3	9.5
68	6.0	4.9	7.3



#22
Acetophenone
Concen: 38.314 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.018 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion:	105	Resp:	577008
Ion	Ratio	Lower	Upper
105	100		
71	7.5	7.1	10.7
51	33.6	25.4	38.2
120	21.8	18.0	27.0





#23

Nitrobenzene-d5

Concen: 76.863 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.018 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

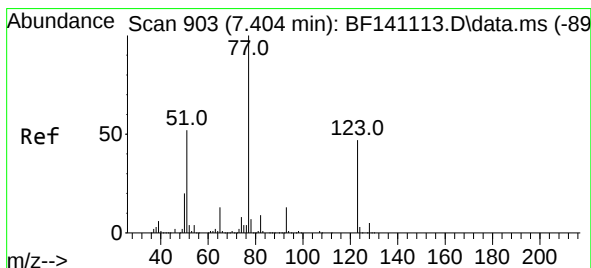
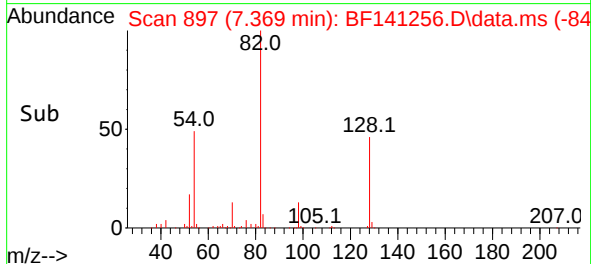
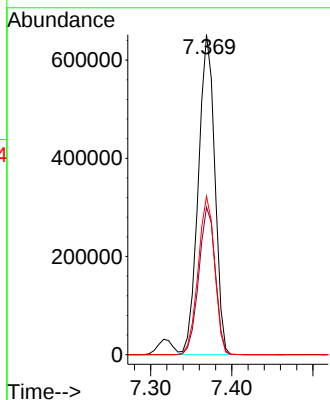
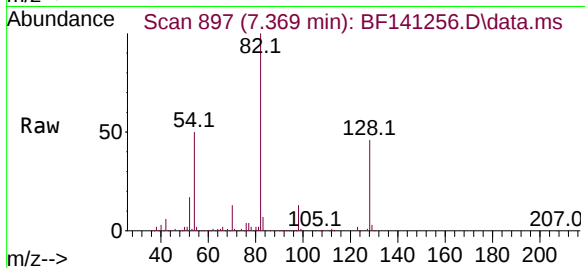
Tgt Ion: 82 Resp: 918591

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

54 49.5 41.0 61.4



#24

Nitrobenzene

Concen: 38.406 ng

RT: 7.387 min Scan# 900

Delta R.T. -0.018 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

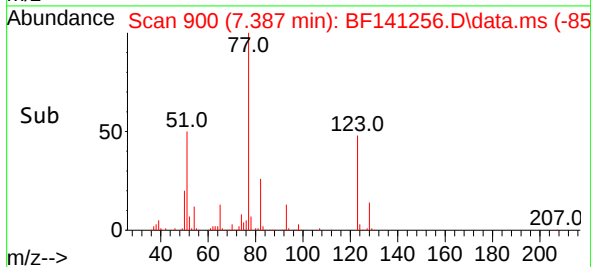
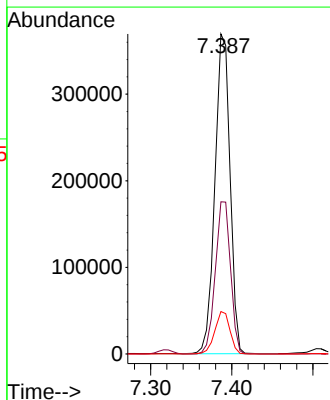
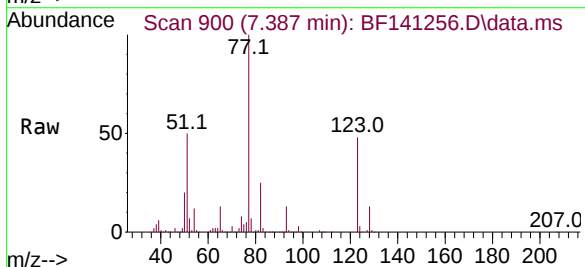
Tgt Ion: 77 Resp: 478366

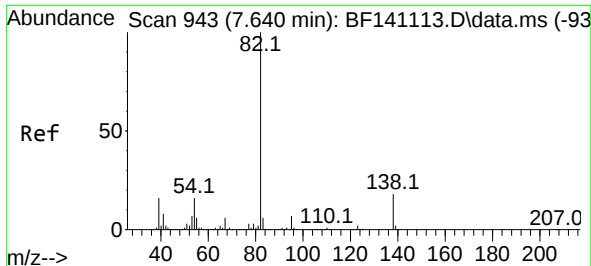
Ion Ratio Lower Upper

77 100

123 47.6 37.7 56.5

65 13.3 10.6 16.0

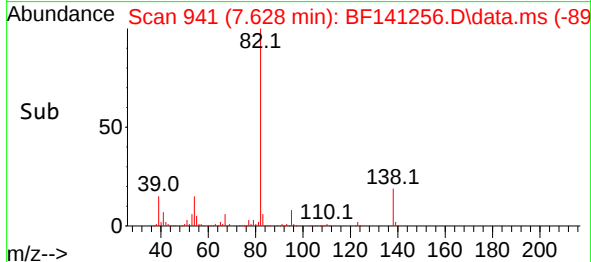
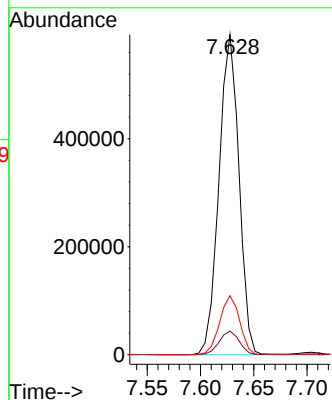
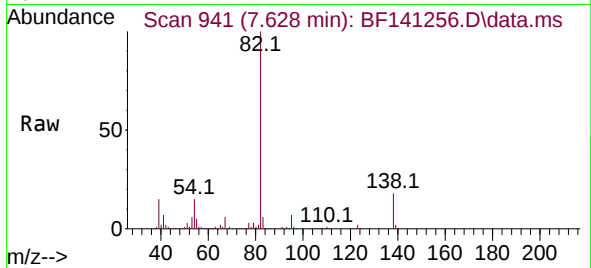




#25
Isophorone
Concen: 37.843 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

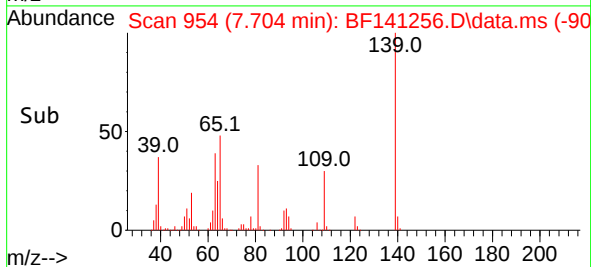
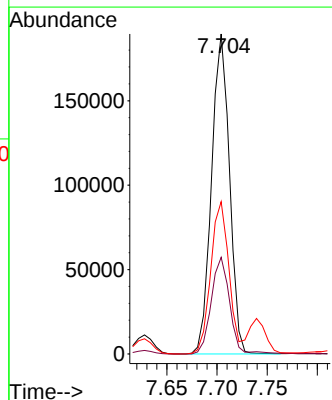
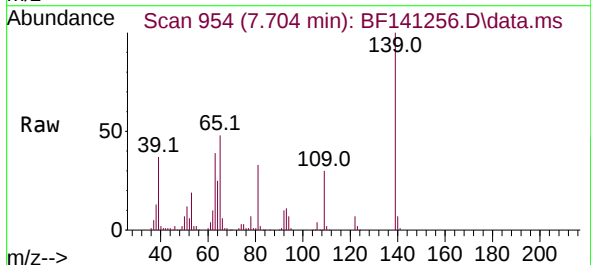
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

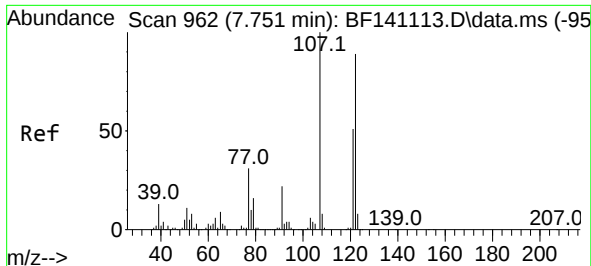
Tgt Ion: 82 Resp: 772890
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 18.5 14.2 21.2



#26
2-Nitrophenol
Concen: 41.633 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.018 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion:139 Resp: 235884
Ion Ratio Lower Upper
139 100
109 30.2 23.8 35.6
65 47.6 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 38.819 ng

RT: 7.739 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

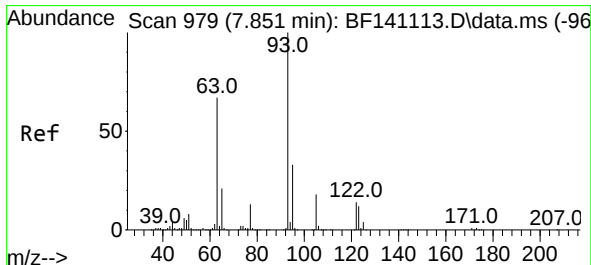
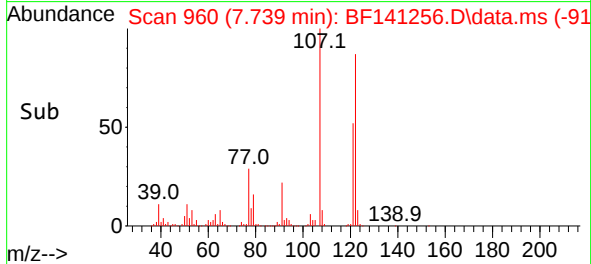
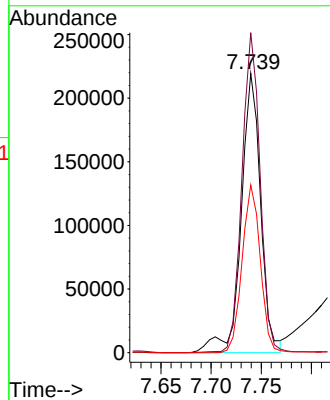
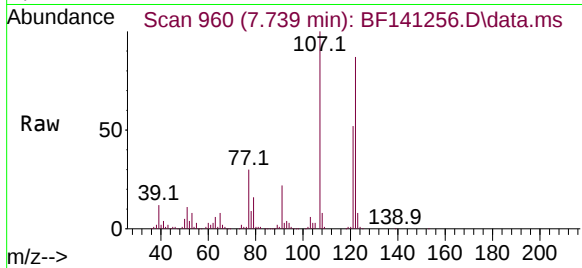
Tgt Ion:122 Resp: 296671

Ion Ratio Lower Upper

122 100

107 114.5 90.3 135.5

121 60.0 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 38.147 ng

RT: 7.839 min Scan# 977

Delta R.T. -0.012 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

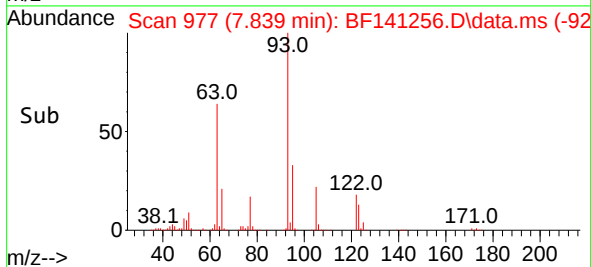
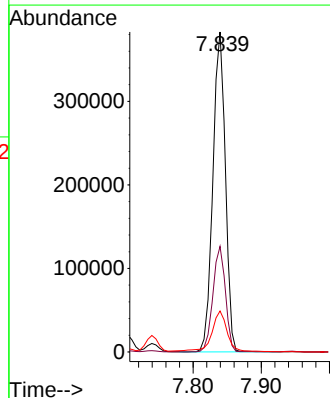
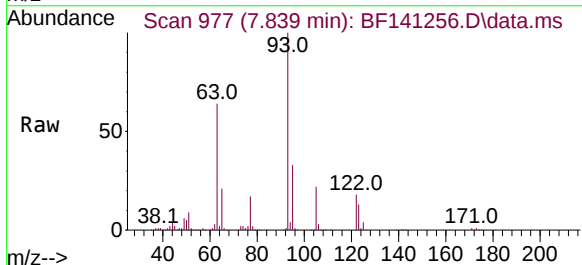
Tgt Ion: 93 Resp: 488957

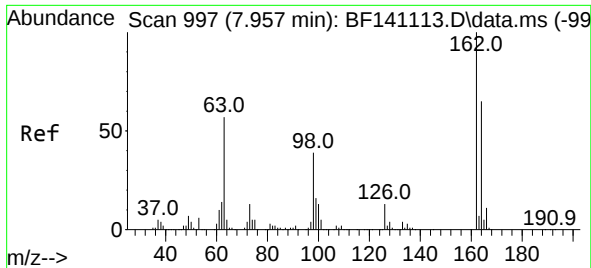
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

123 12.8 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 40.197 ng

RT: 7.945 min Scan# 99

Delta R.T. -0.012 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

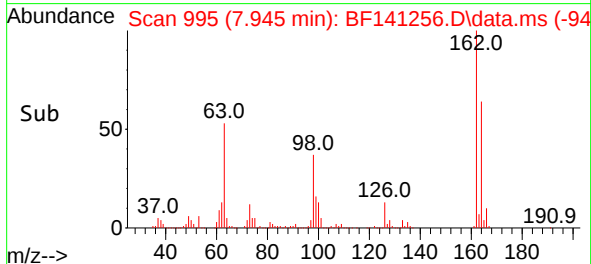
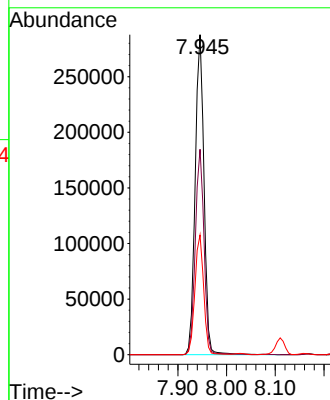
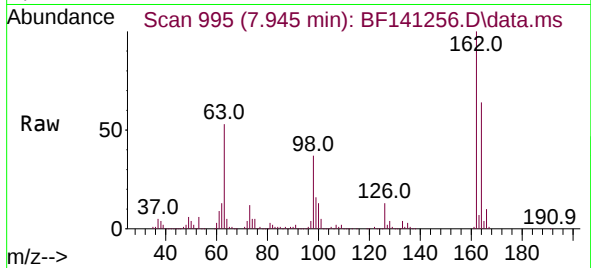
Tgt Ion:162 Resp: 364856

Ion Ratio Lower Upper

162 100

164 64.2 44.5 84.5

98 37.4 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 40.127 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.018 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

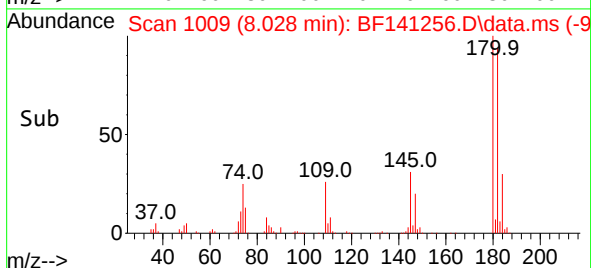
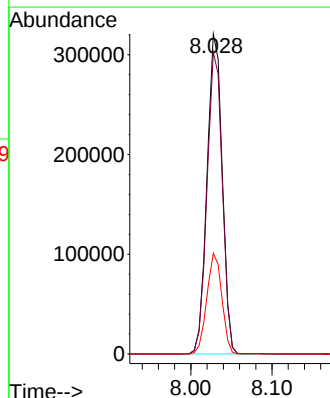
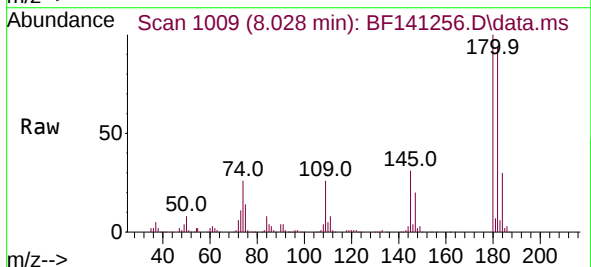
Tgt Ion:180 Resp: 416316

Ion Ratio Lower Upper

180 100

182 94.3 76.2 114.2

145 31.4 25.3 37.9

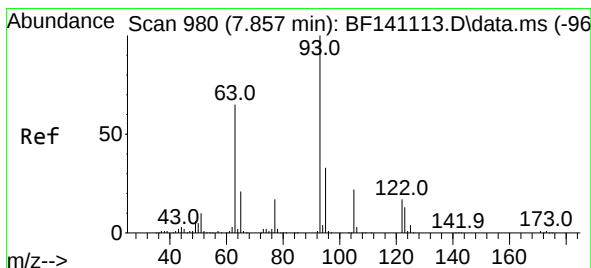
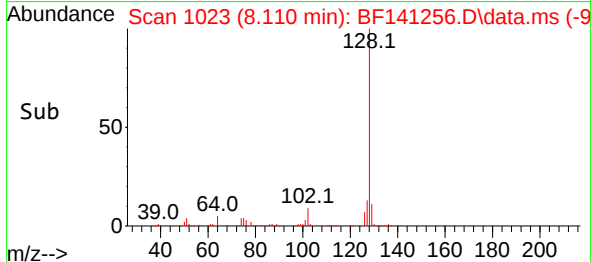
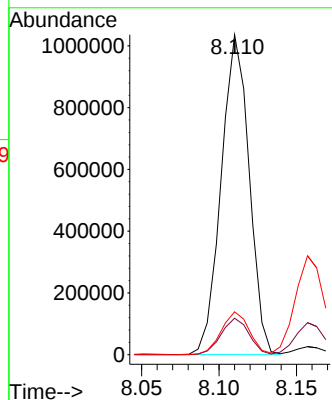
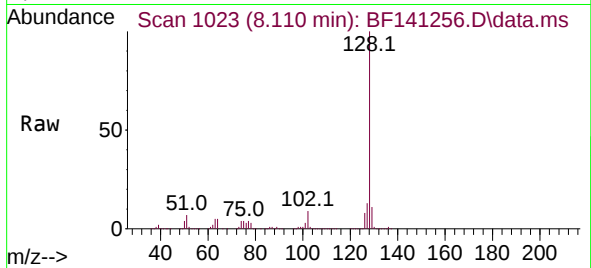




#31
Naphthalene
Concen: 38.886 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.018 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

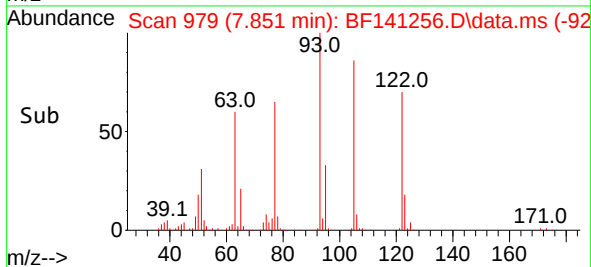
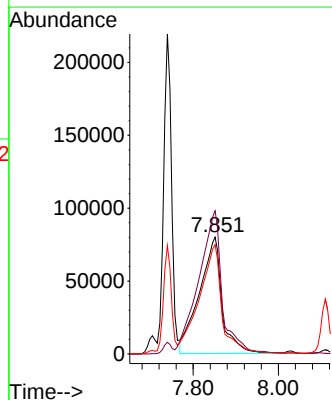
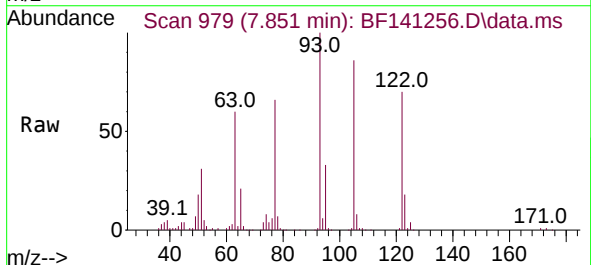
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

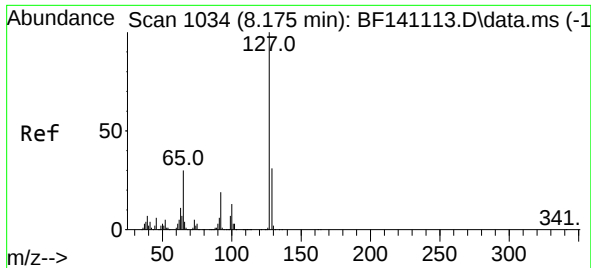
Tgt Ion:128 Resp: 1299110
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 40.294 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion:122 Resp: 295405
Ion Ratio Lower Upper
122 100
105 122.6 105.5 145.5
77 93.5 75.1 115.1

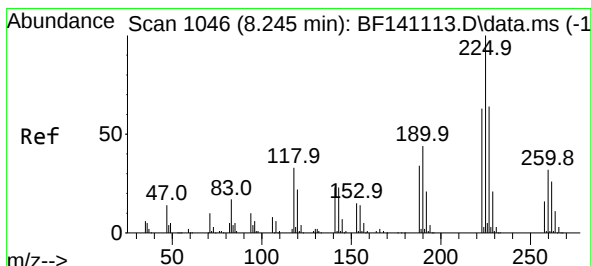
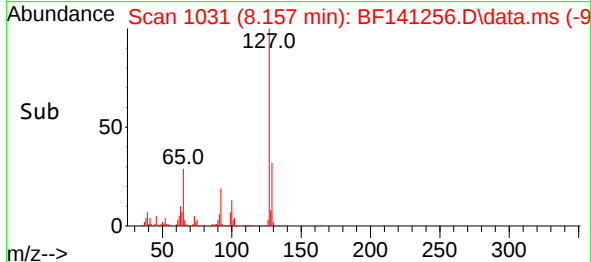
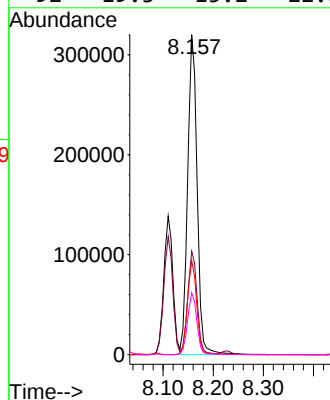
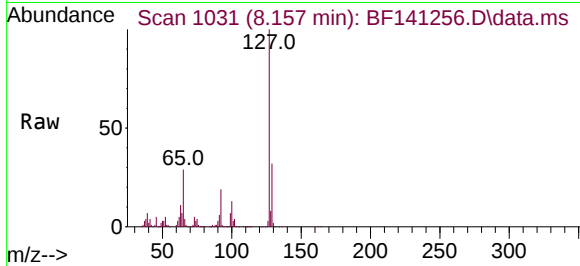




#33
4-Chloroaniline
Concen: 36.438 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

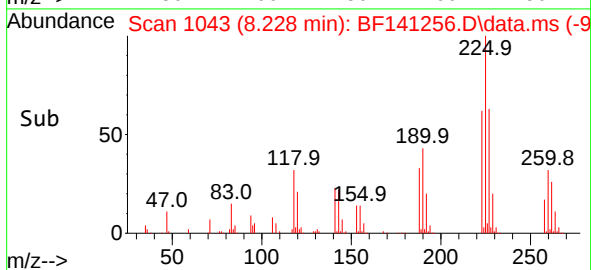
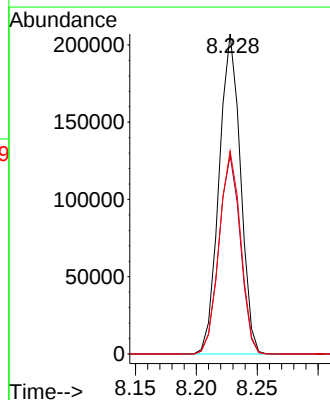
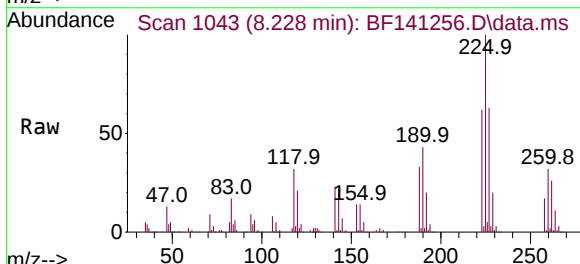
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127	Resp: 420996
Ion Ratio	Lower Upper
127 100	
129 32.3	25.9 38.9
65 29.4	23.8 35.8
92 19.3	15.2 22.8



#34
Hexachlorobutadiene
Concen: 40.486 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.018 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion:225	Resp: 253095		
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	63.4	51.6	77.4

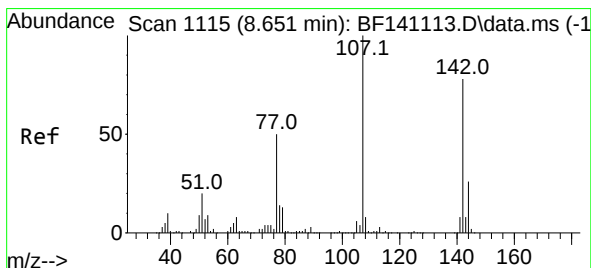
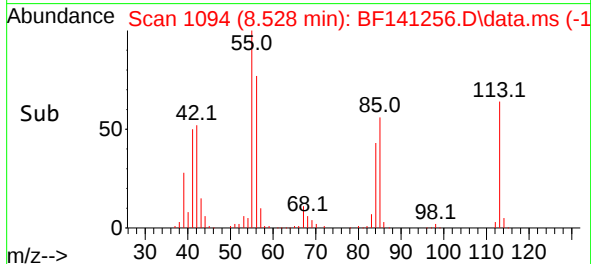
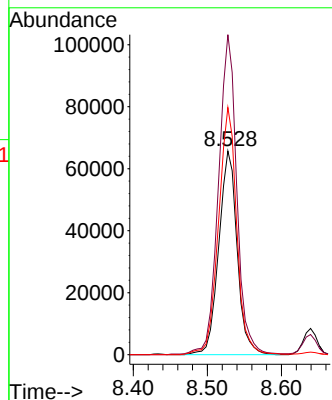
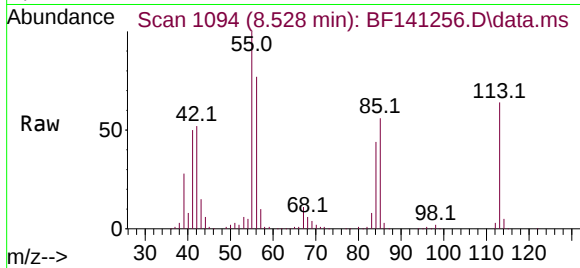




#35
 Caprolactam
 Concen: 37.955 ng
 RT: 8.528 min Scan# 1109
 Delta R.T. -0.018 min
 Lab File: BF141256.D
 Acq: 24 Jan 2025 11:12

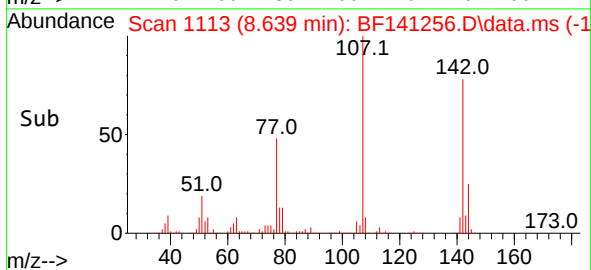
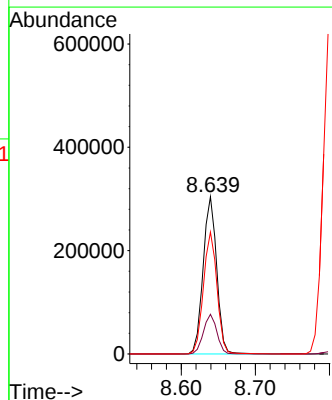
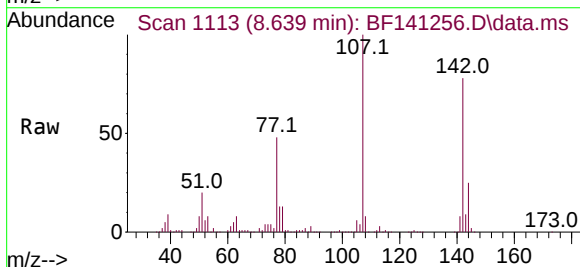
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

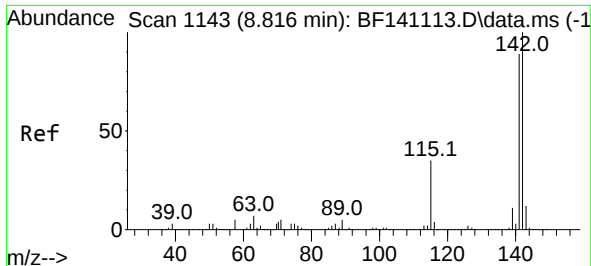
Tgt Ion:113 Resp: 112789
 Ion Ratio Lower Upper
 113 100
 55 157.1 139.7 179.7
 56 121.4 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 39.039 ng
 RT: 8.639 min Scan# 1113
 Delta R.T. -0.012 min
 Lab File: BF141256.D
 Acq: 24 Jan 2025 11:12

Tgt Ion:107 Resp: 387525
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.4 30.6
 142 77.5 62.2 93.2

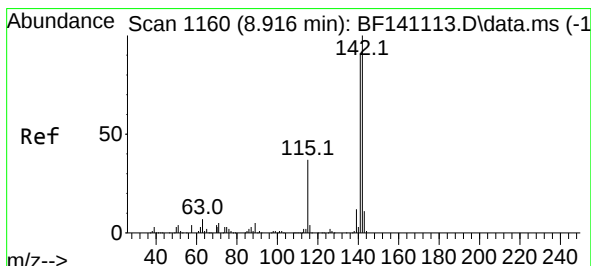
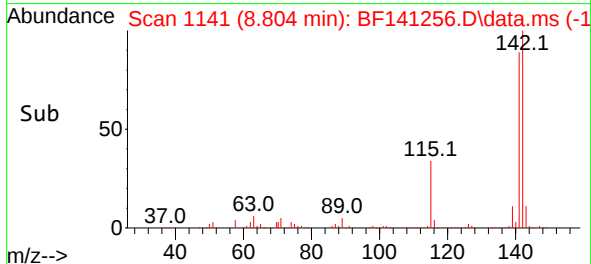
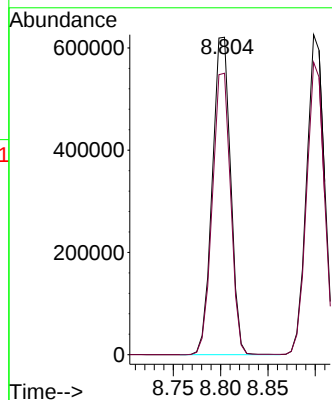
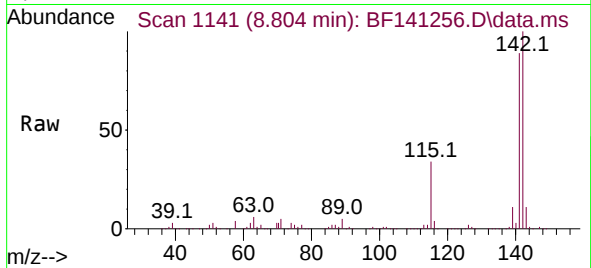




#37
2-Methylnaphthalene
Concen: 39.081 ng
RT: 8.804 min Scan# 1141
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

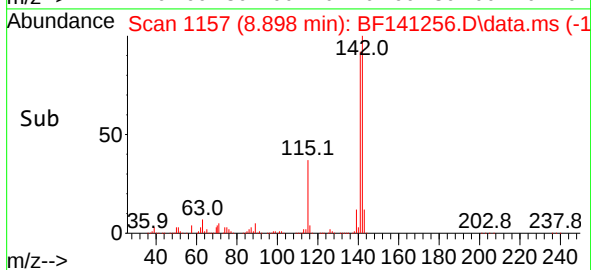
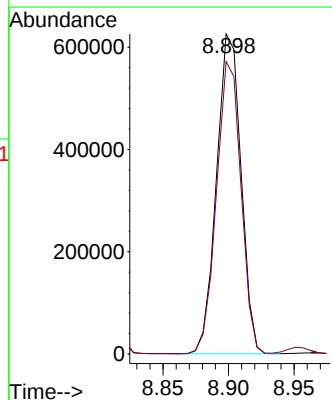
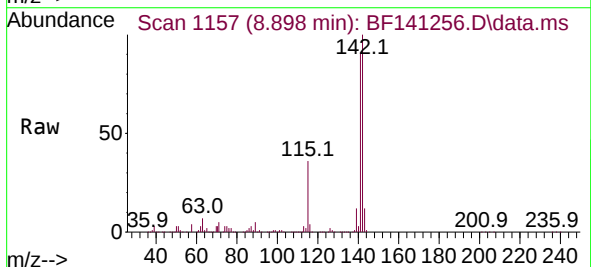
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

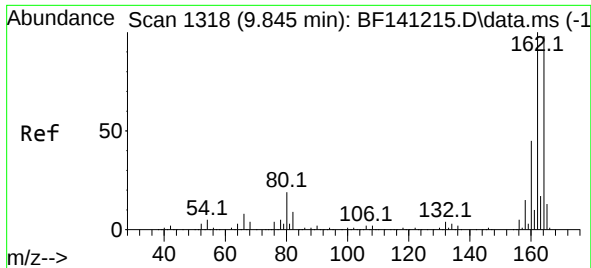
Tgt Ion:142 Resp: 831992
Ion Ratio Lower Upper
142 100
141 88.7 71.3 106.9



#38
1-Methylnaphthalene
Concen: 38.731 ng
RT: 8.898 min Scan# 1157
Delta R.T. -0.018 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion:142 Resp: 812630
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7

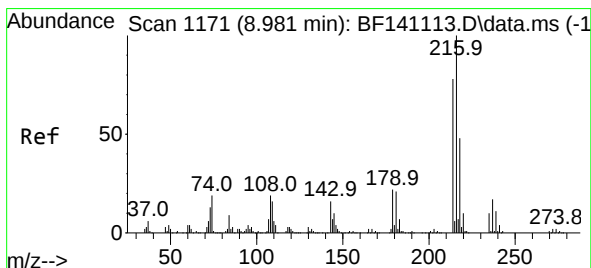
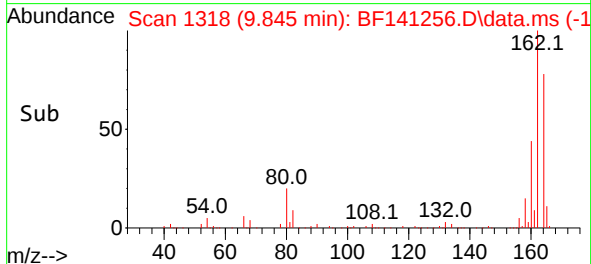
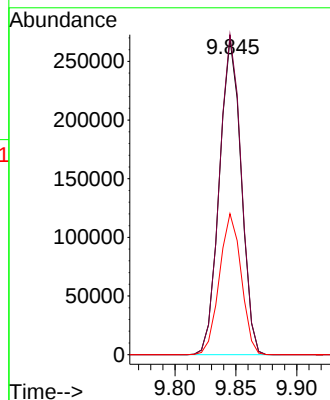
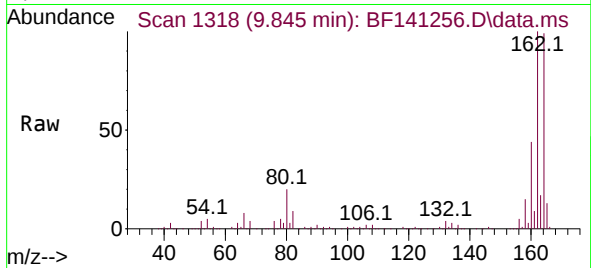




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. -0.018 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

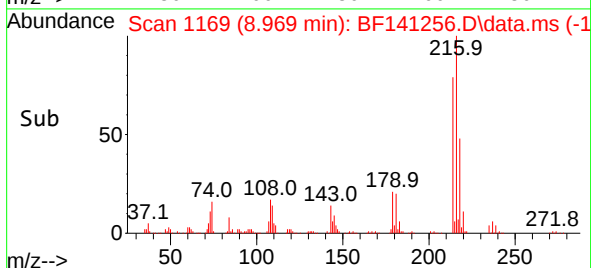
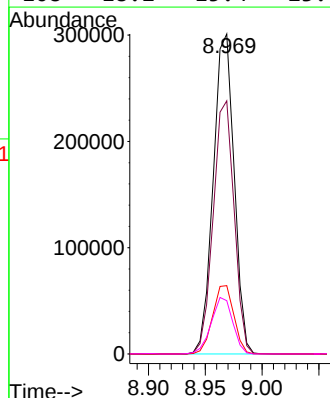
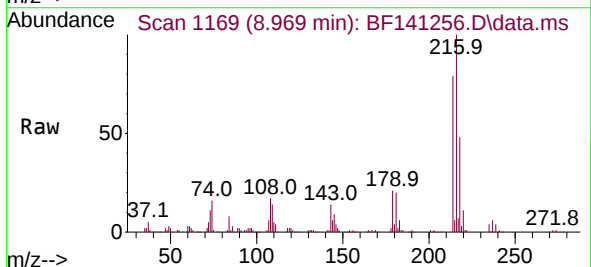
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 335671
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.4
160 44.6 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.964 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion:216 Resp: 385026
Ion Ratio Lower Upper
216 100
214 79.1 62.6 94.0
179 21.7 17.7 26.5
108 18.2 15.4 23.0

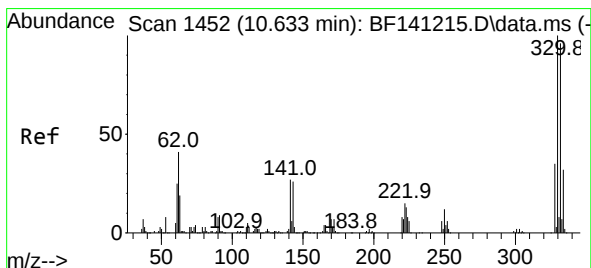
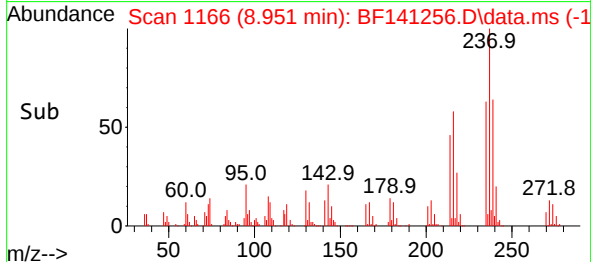
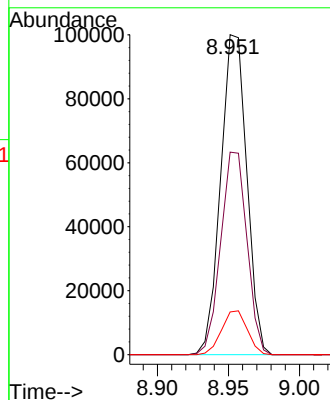
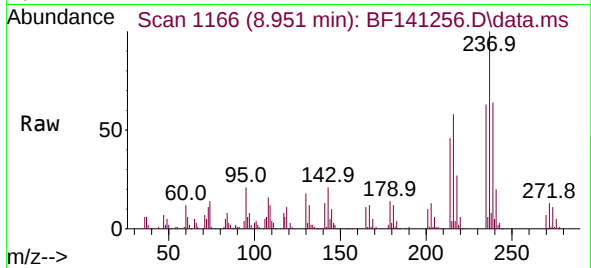




#41
Hexachlorocyclopentadiene
Concen: 40.662 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.018 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

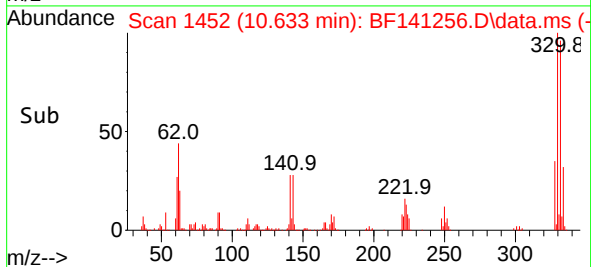
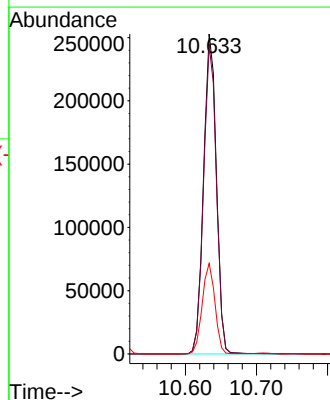
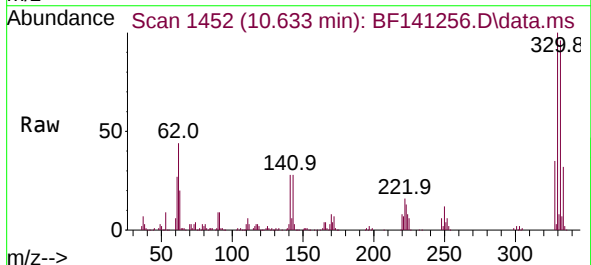
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 128168
Ion Ratio Lower Upper
237 100
235 63.3 43.0 83.0
272 13.4 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 83.228 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion:330 Resp: 318328
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 28.1 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 39.645 ng

RT: 9.081 min Scan# 1188

Delta R.T. -0.012 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

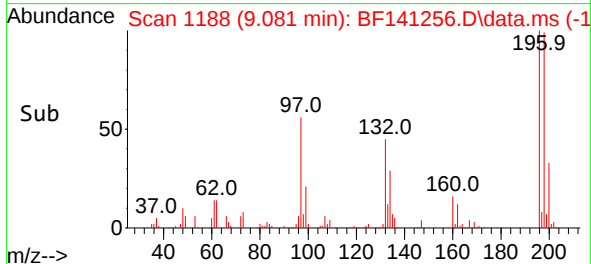
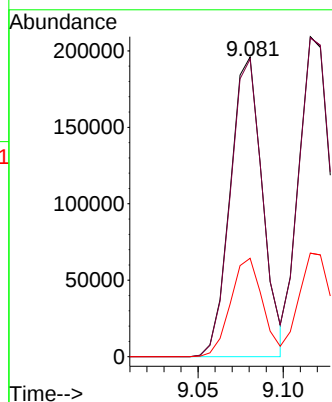
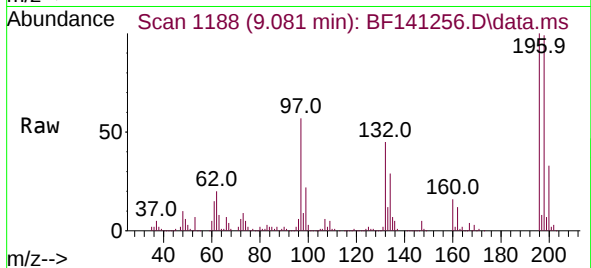
Tgt Ion:196 Resp: 257604

Ion Ratio Lower Upper

196 100

198 99.3 80.8 121.2

200 32.8 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 39.781 ng

RT: 9.116 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

Tgt Ion:196 Resp: 272993

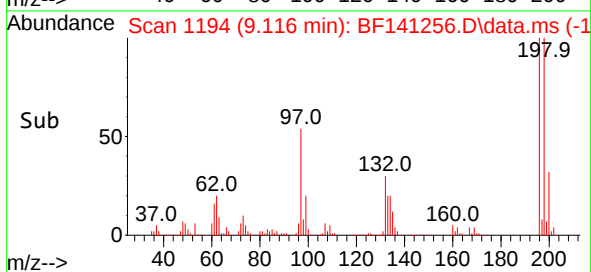
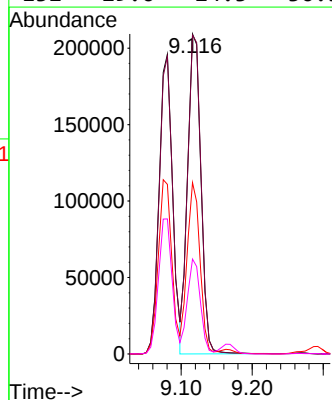
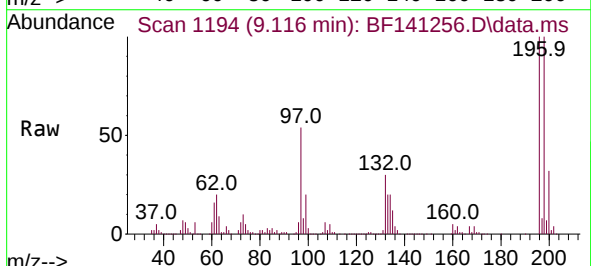
Ion Ratio Lower Upper

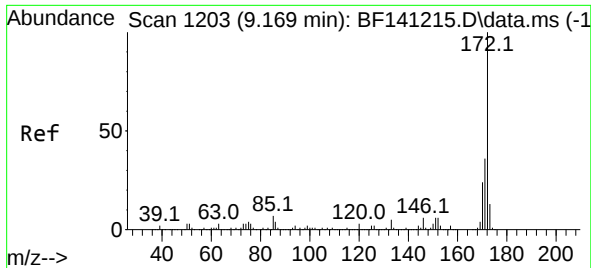
196 100

198 99.6 80.6 120.8

97 53.6 43.1 64.7

132 29.6 24.3 36.5

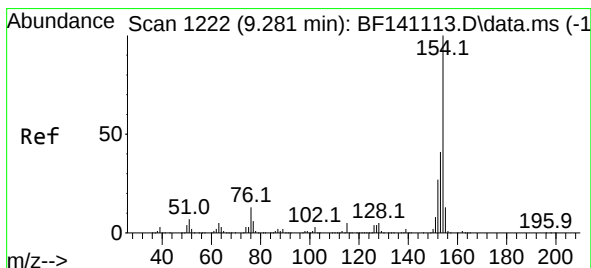
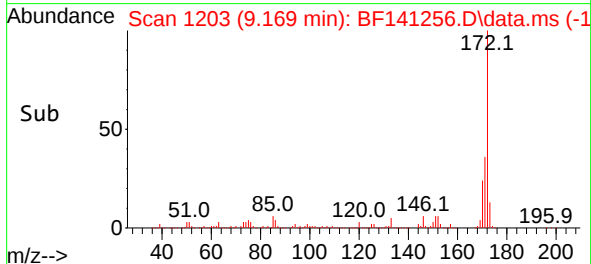
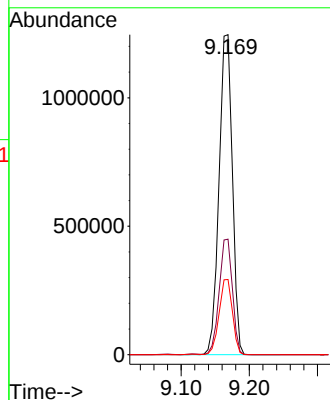
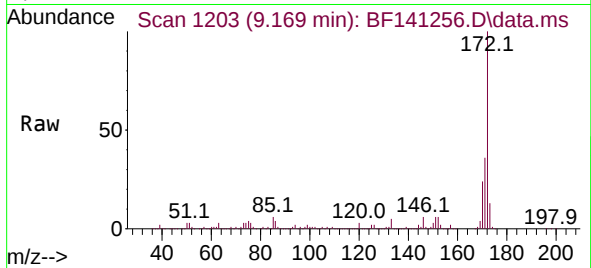




#45
2-Fluorobiphenyl
Concen: 77.147 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

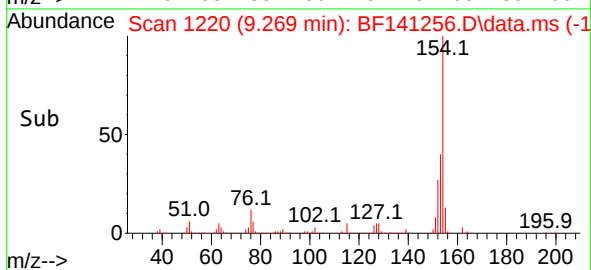
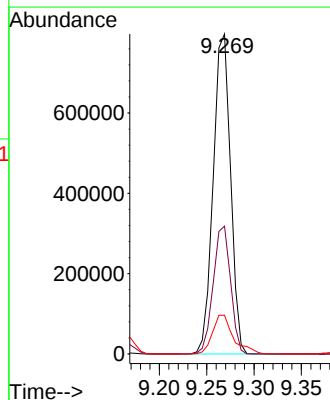
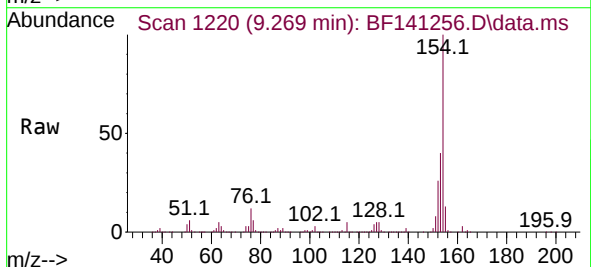
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1695832
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 38.983 ng
RT: 9.269 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion:154 Resp: 1016211
Ion Ratio Lower Upper
154 100
153 40.0 20.7 60.7
76 12.1 0.0 33.1





#47

2-Chloronaphthalene

Concen: 38.942 ng

RT: 9.292 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

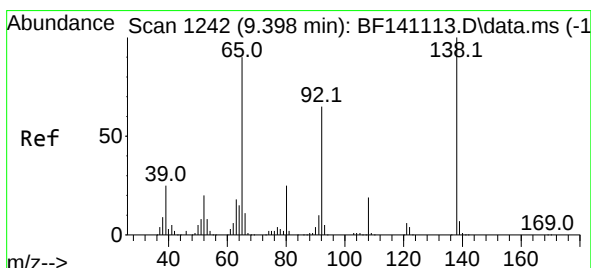
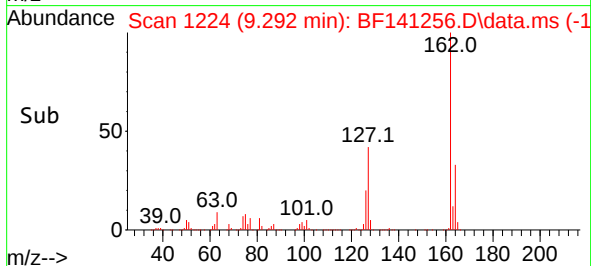
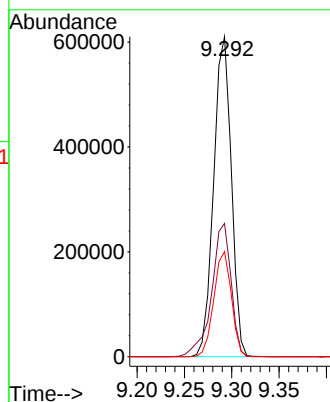
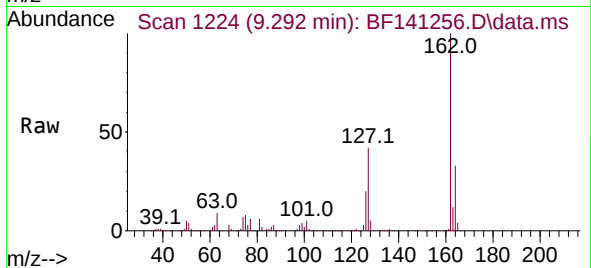
Tgt Ion:162 Resp: 790681

Ion Ratio Lower Upper

162 100

127 41.7 34.6 51.8

164 32.8 26.5 39.7



#48

2-Nitroaniline

Concen: 37.997 ng

RT: 9.386 min Scan# 1240

Delta R.T. -0.012 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

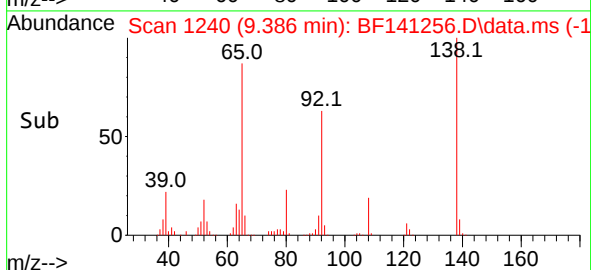
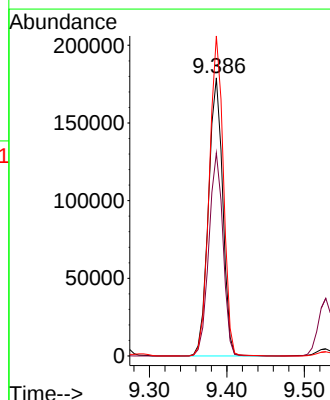
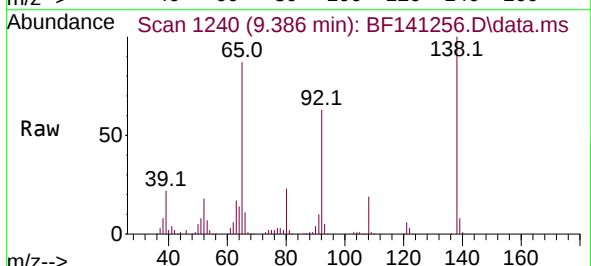
Tgt Ion: 65 Resp: 228694

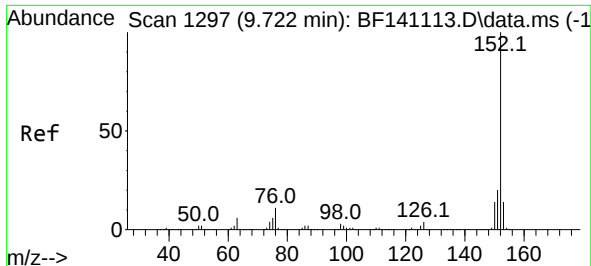
Ion Ratio Lower Upper

65 100

92 73.0 58.3 87.5

138 115.1 89.1 133.7





#49

Acenaphthylene

Concen: 38.735 ng

RT: 9.704 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

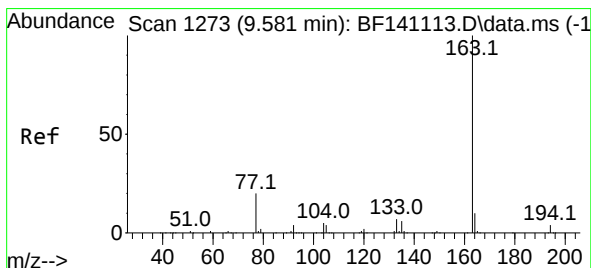
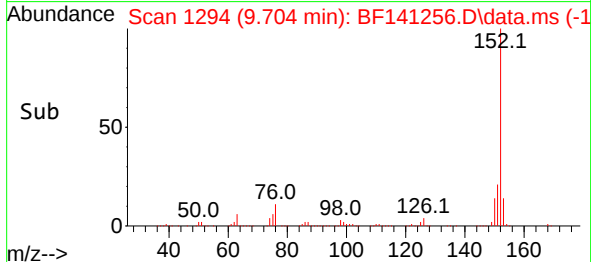
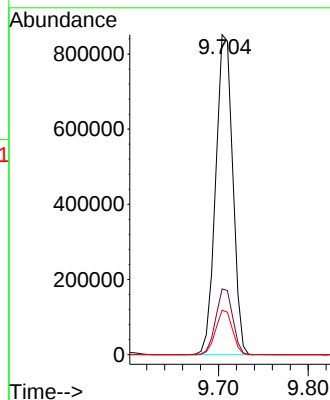
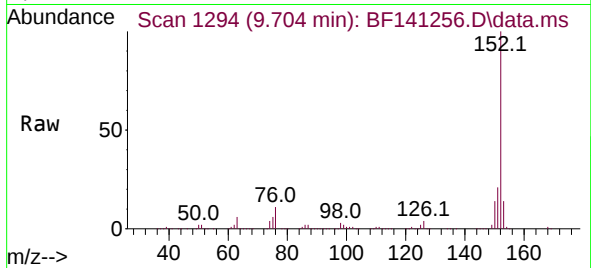
Tgt Ion:152 Resp: 1123626

Ion Ratio Lower Upper

152 100

151 20.6 16.1 24.1

153 13.9 11.1 16.7



#50

Dimethylphthalate

Concen: 39.174 ng

RT: 9.569 min Scan# 1271

Delta R.T. -0.012 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

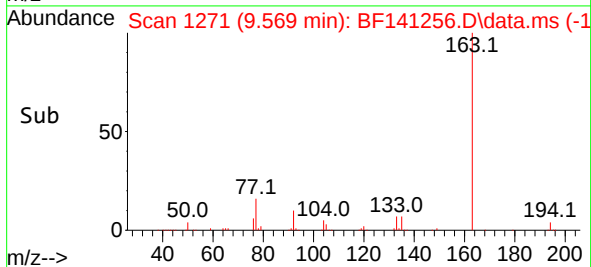
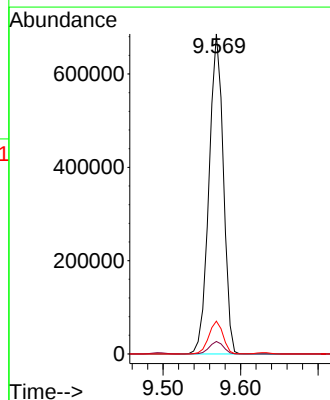
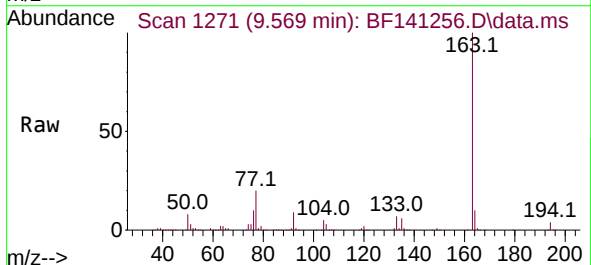
Tgt Ion:163 Resp: 882789

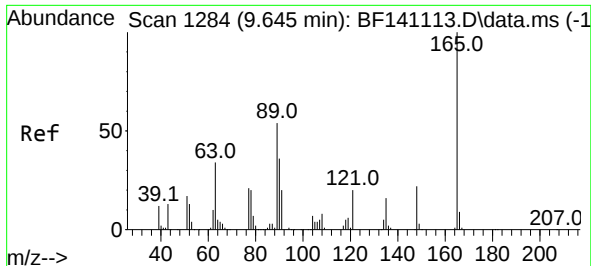
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.3 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 40.101 ng

RT: 9.628 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

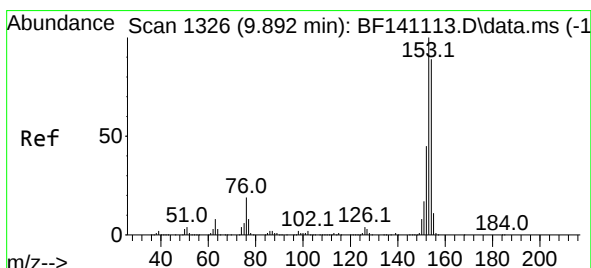
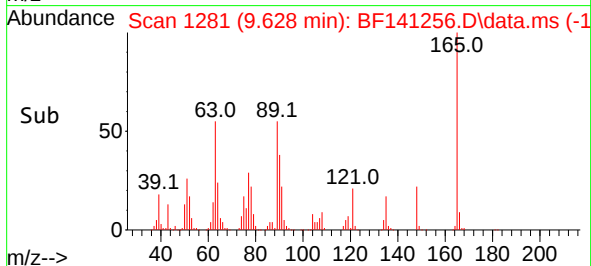
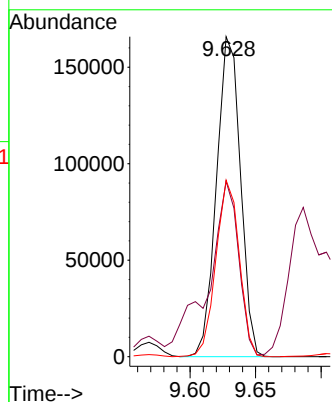
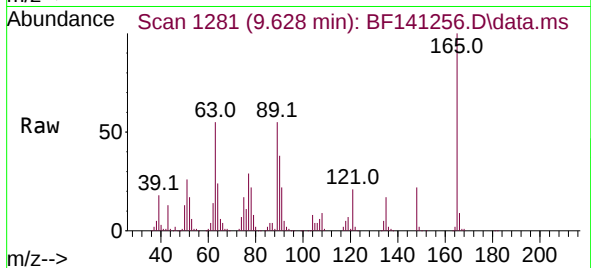
Tgt Ion:165 Resp: 210143

Ion Ratio Lower Upper

165 100

63 54.8 42.3 63.5

89 55.1 43.1 64.7



#52

Acenaphthene

Concen: 39.560 ng

RT: 9.880 min Scan# 1324

Delta R.T. -0.012 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

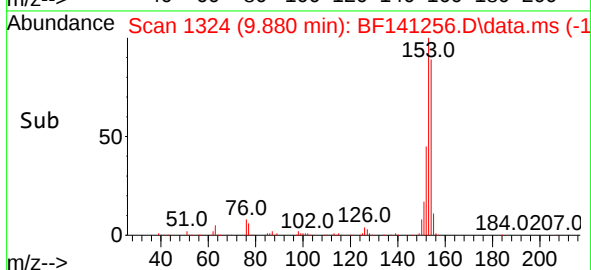
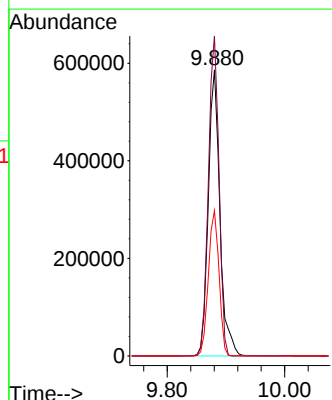
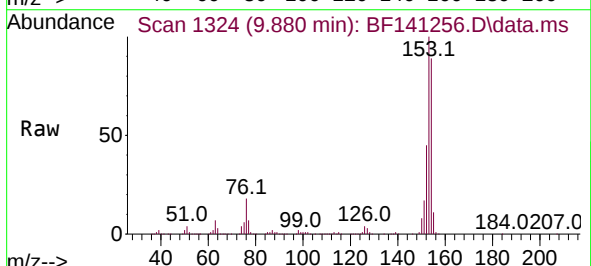
Tgt Ion:154 Resp: 801752

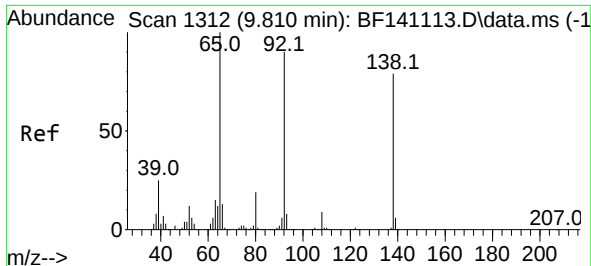
Ion Ratio Lower Upper

154 100

153 111.9 89.8 134.6

152 50.8 40.8 61.2

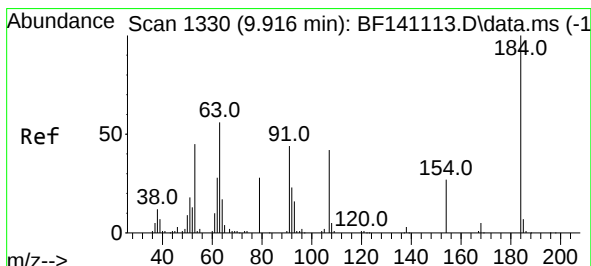
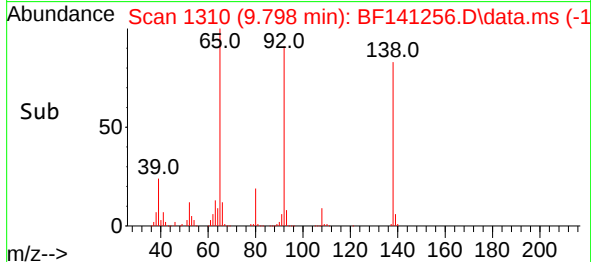
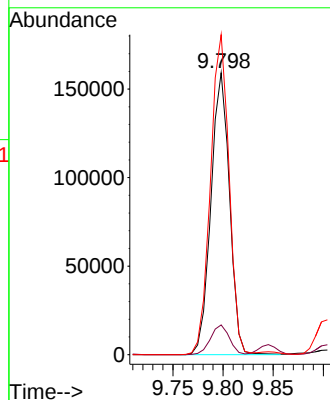
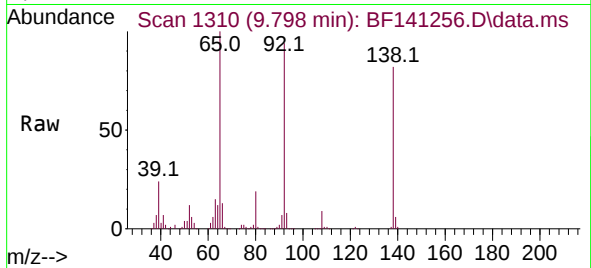




#53
3-Nitroaniline
Concen: 38.549 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

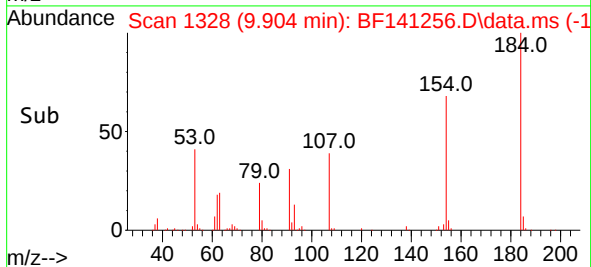
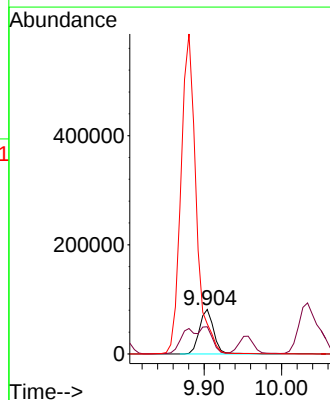
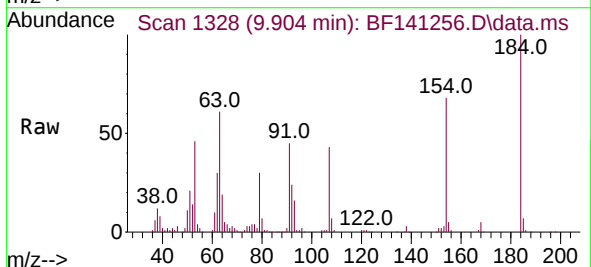
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

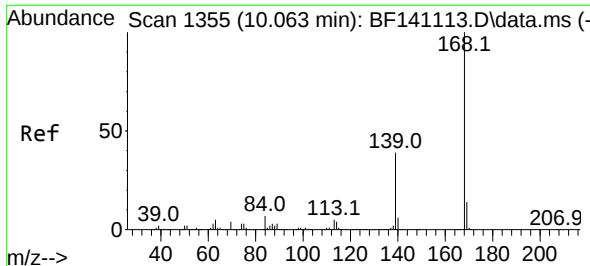
Tgt Ion:138 Resp: 205284
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 113.5 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 41.883 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion:184 Resp: 104325
Ion Ratio Lower Upper
184 100
63 61.3 48.7 73.1
154 67.7 57.1 85.7

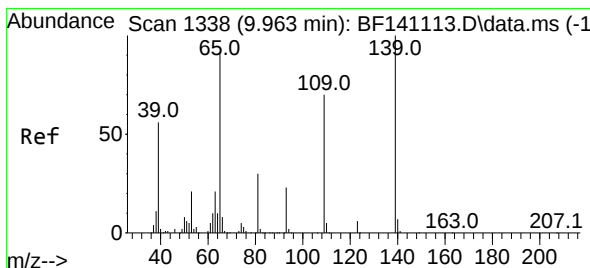
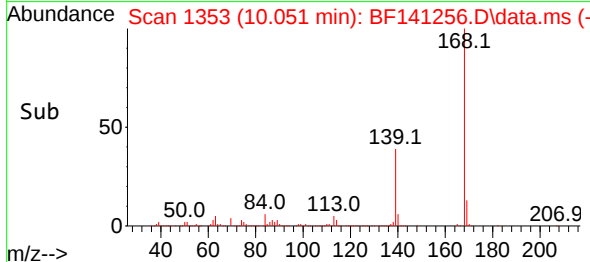
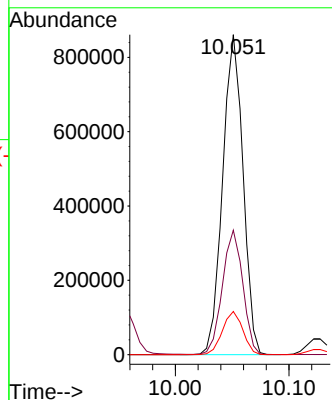
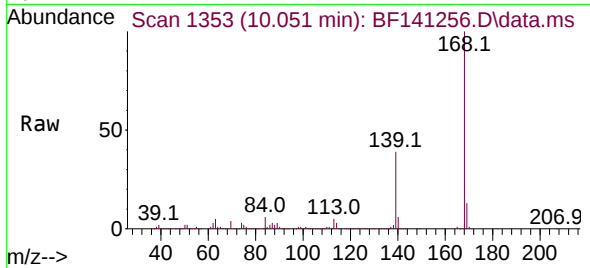




#55
Dibenzenofuran
Concen: 38.971 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

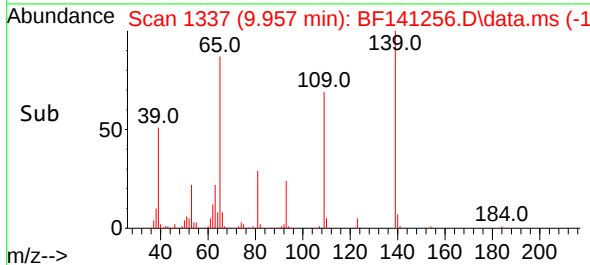
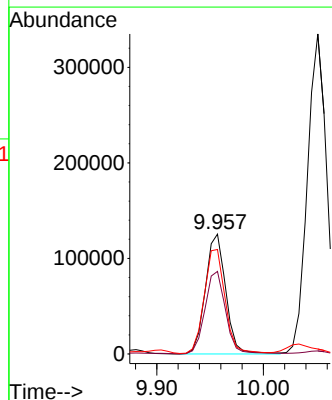
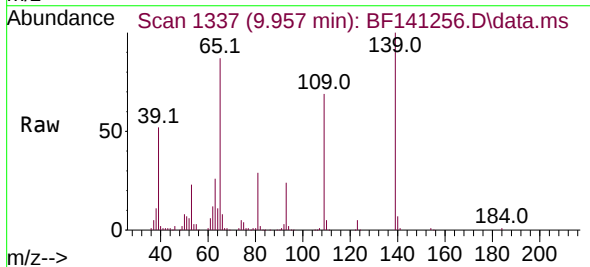
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

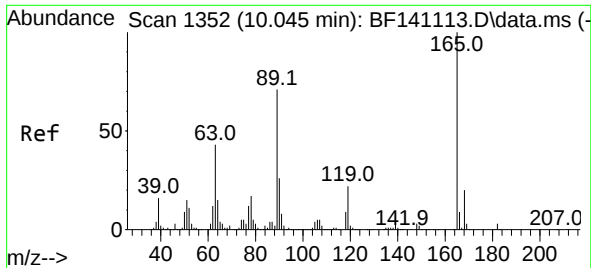
Tgt Ion:168 Resp: 1074285
Ion Ratio Lower Upper
168 100
139 38.9 31.4 47.0
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 39.967 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion:139 Resp: 166688
Ion Ratio Lower Upper
139 100
109 68.9 50.2 90.2
65 87.1 72.1 112.1

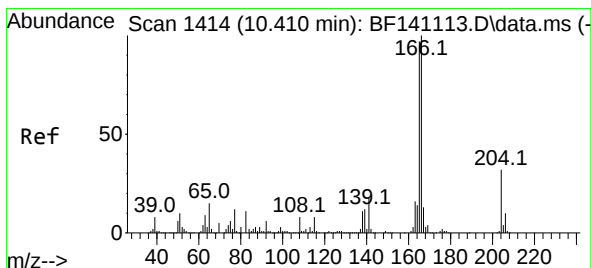
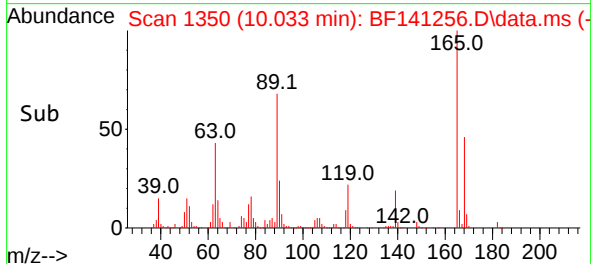
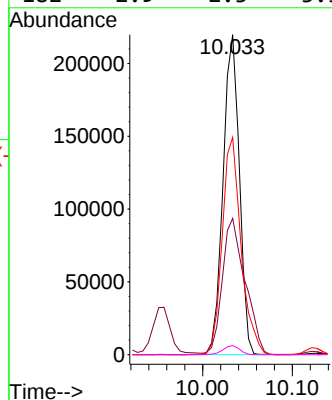
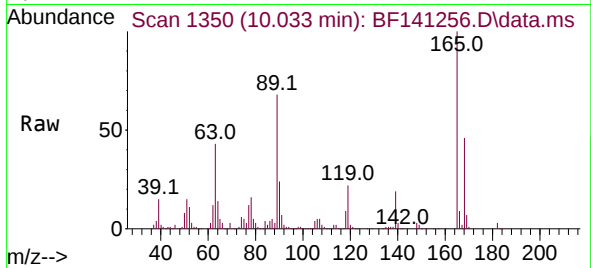




#57
2,4-Dinitrotoluene
Concen: 41.076 ng
RT: 10.033 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

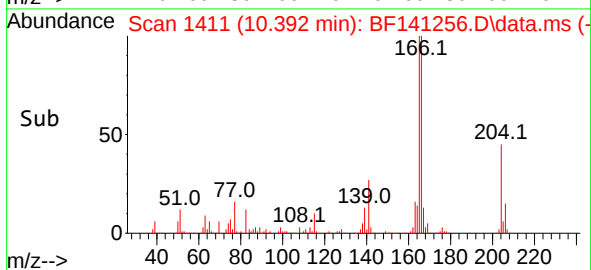
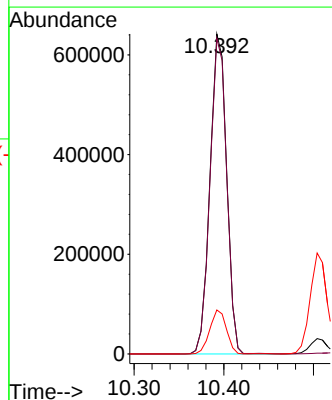
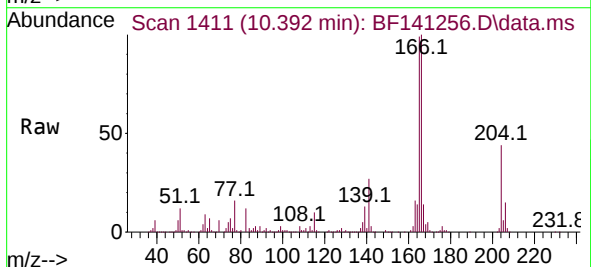
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 277407
Ion Ratio Lower Upper
165 100
63 42.6 35.0 52.4
89 67.9 56.7 85.1
182 2.9 2.3 3.5



#58
Fluorene
Concen: 38.655 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion:166 Resp: 827861
Ion Ratio Lower Upper
166 100
165 98.6 77.8 116.8
167 13.7 10.8 16.2

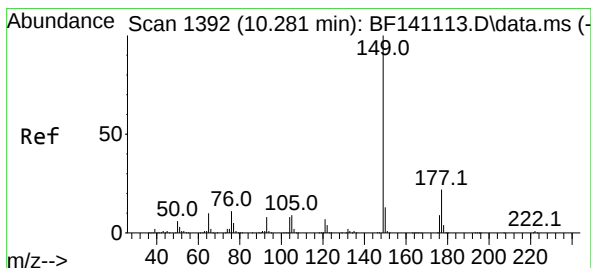
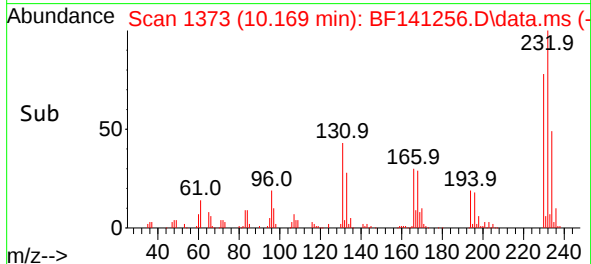
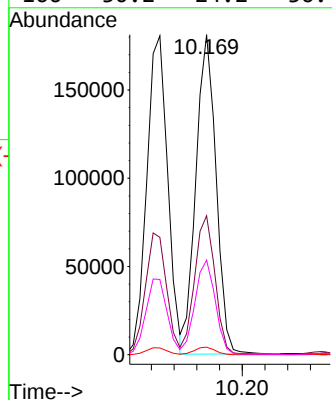
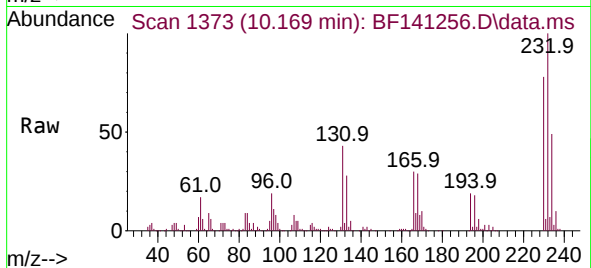




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.106 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

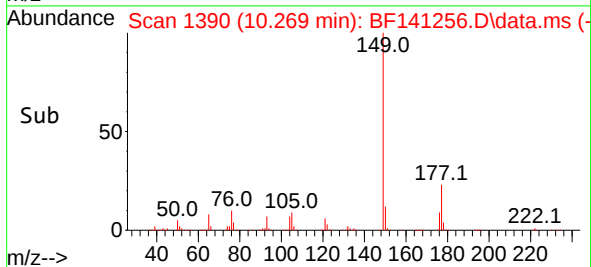
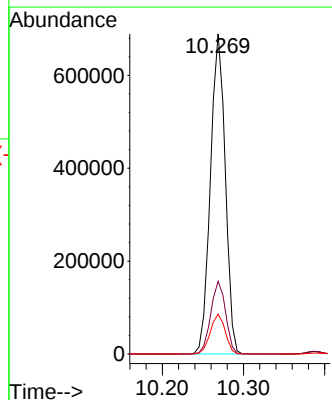
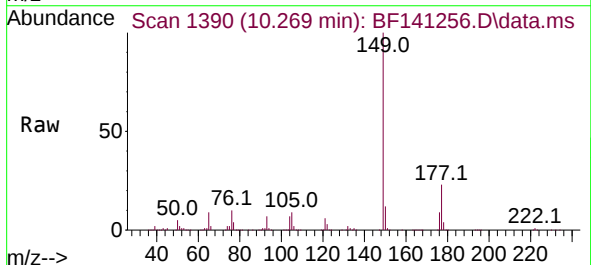
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

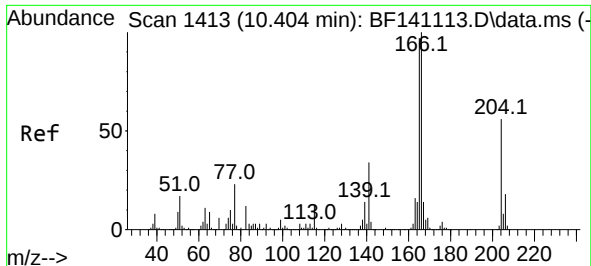
Tgt Ion:232 Resp: 223066
Ion Ratio Lower Upper
232 100
131 44.3 36.2 54.4
130 2.4 2.0 3.0
166 30.2 24.2 36.4



#60
Diethylphthalate
Concen: 39.654 ng
RT: 10.269 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion:149 Resp: 872387
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.5 10.2 15.2

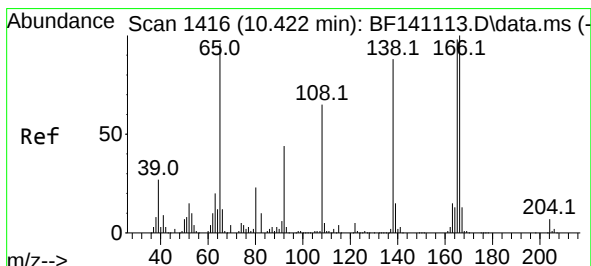
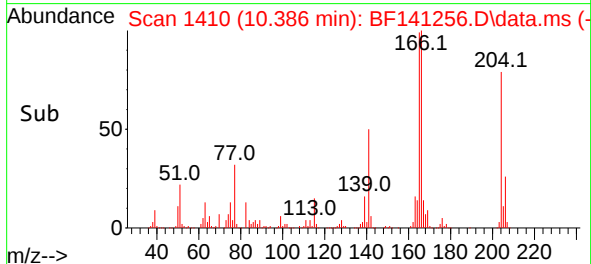
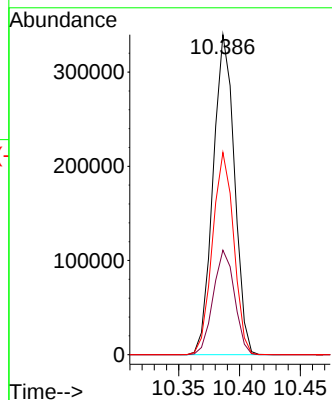
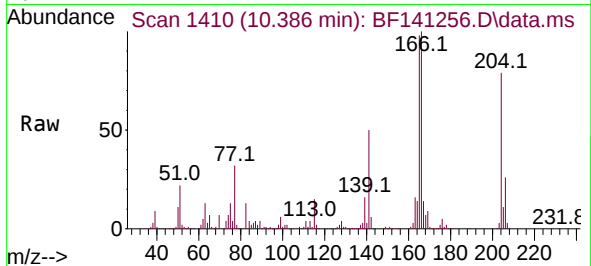




#61
4-Chlorophenyl-phenylether
Concen: 39.685 ng
RT: 10.386 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

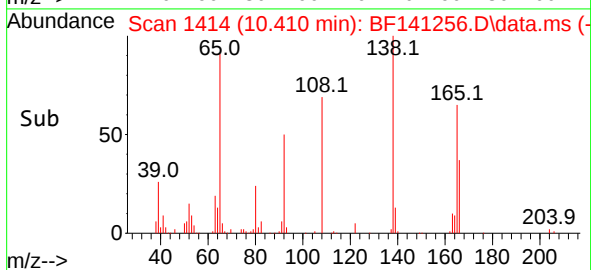
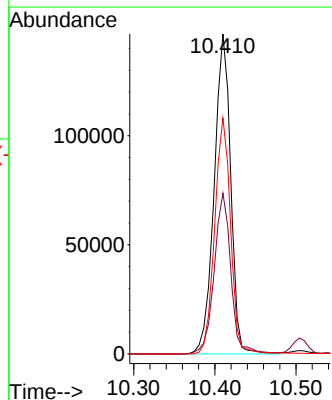
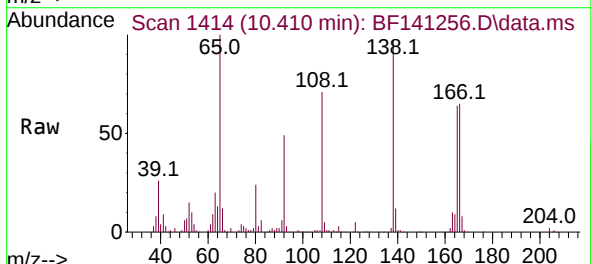
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

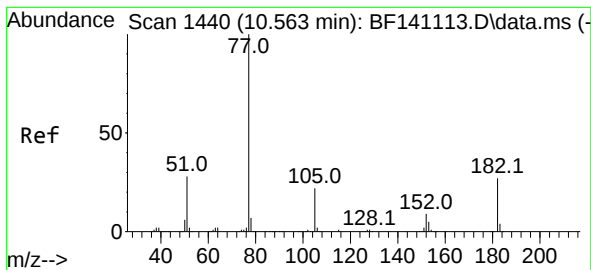
Tgt Ion:204 Resp: 414237
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 63.2 49.1 73.7



#62
4-Nitroaniline
Concen: 39.890 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion:138 Resp: 207914
Ion Ratio Lower Upper
138 100
92 50.2 29.4 69.4
108 73.8 53.7 93.7

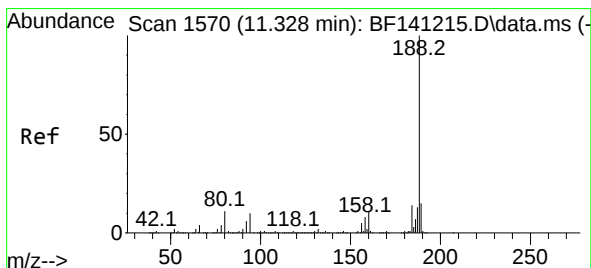
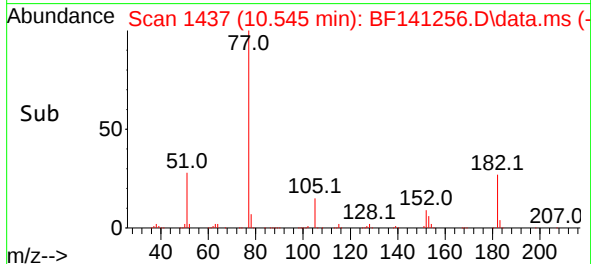
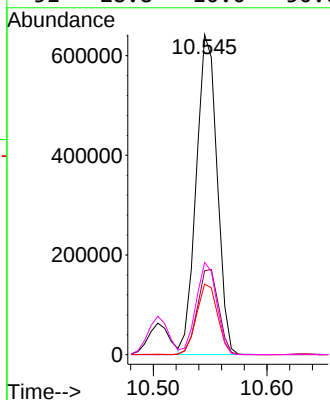
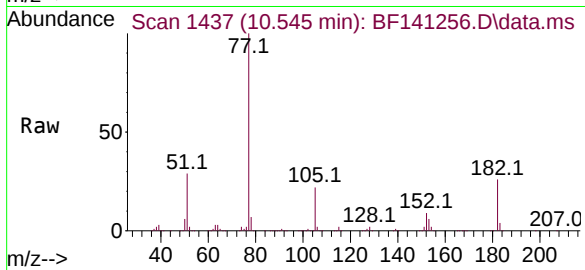




#63
Azobenzene
Concen: 37.641 ng
RT: 10.545 min Scan# 1440
Delta R.T. -0.018 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

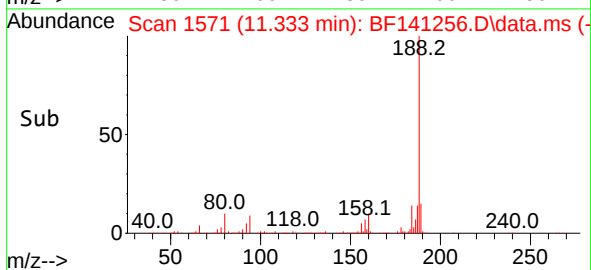
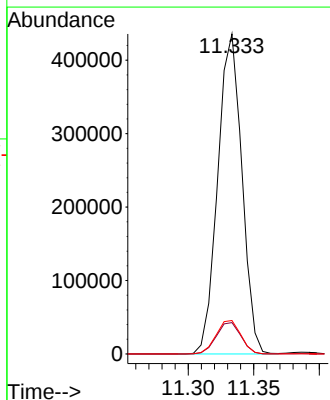
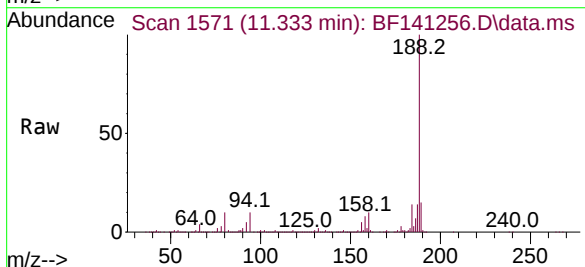
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 817093
Ion Ratio Lower Upper
77 100
182 26.2 6.1 46.1
105 22.1 2.1 42.1
51 28.8 10.0 50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion: 188 Resp: 558085
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.5 9.0 13.4

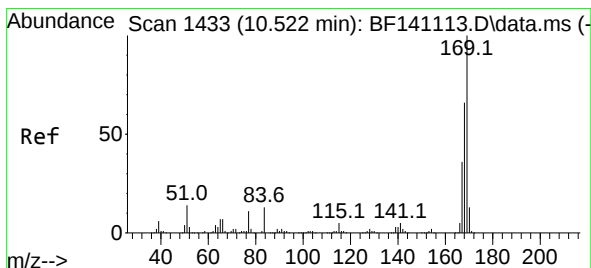
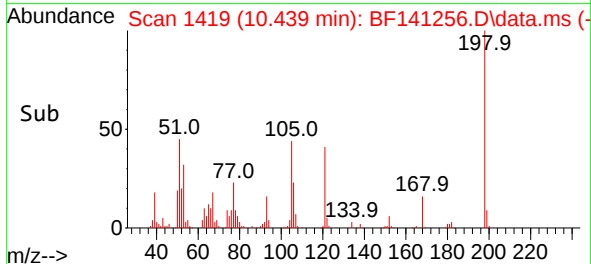
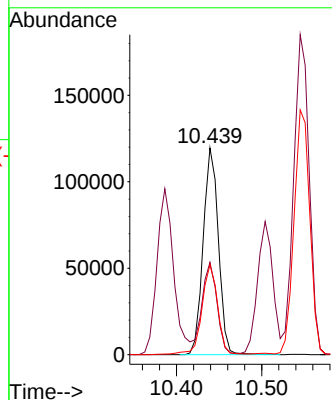
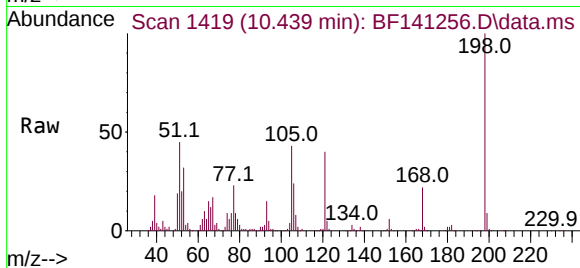




#65
4,6-Dinitro-2-methylphenol
Concen: 45.895 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

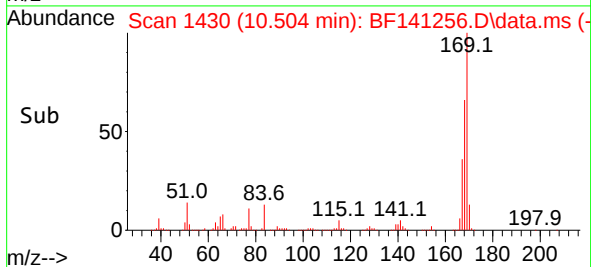
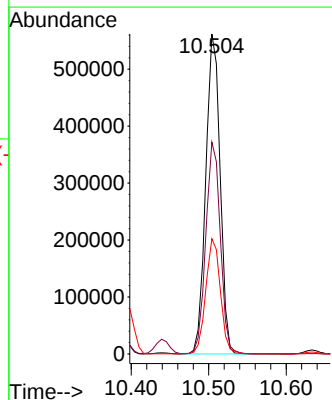
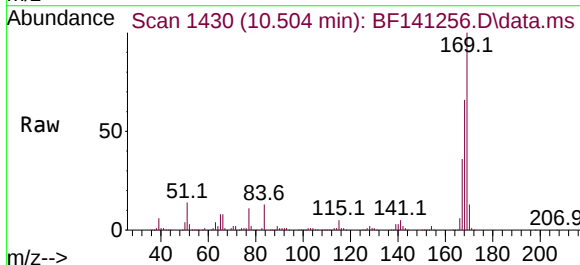
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 148422
Ion Ratio Lower Upper
198 100
51 44.7 27.1 67.1
105 43.5 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 40.043 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.018 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion:169 Resp: 720801
Ion Ratio Lower Upper
169 100
168 66.2 52.5 78.7
167 36.0 28.9 43.3

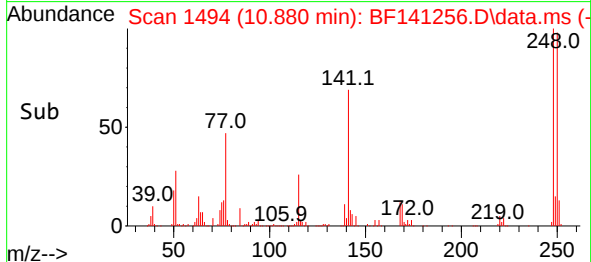
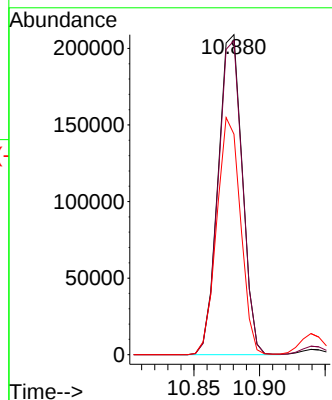
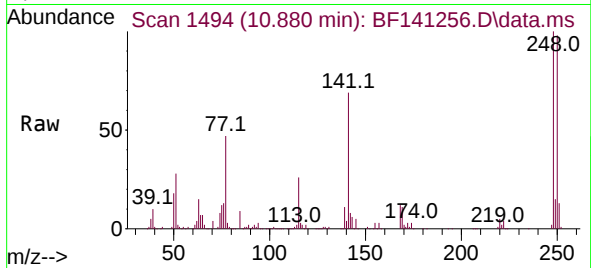




#67
4-Bromophenyl-phenylether
Concen: 41.806 ng
RT: 10.880 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

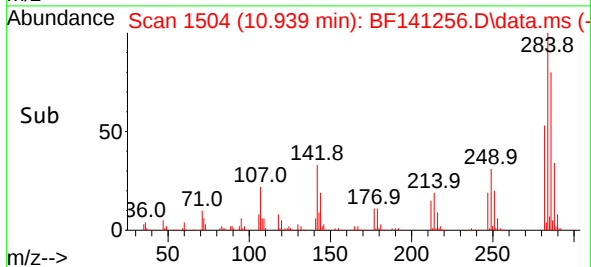
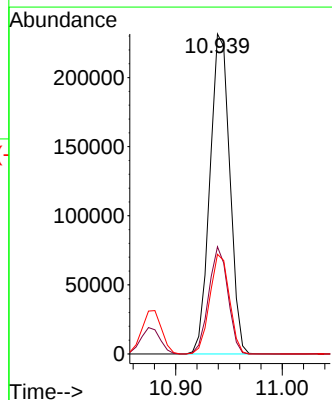
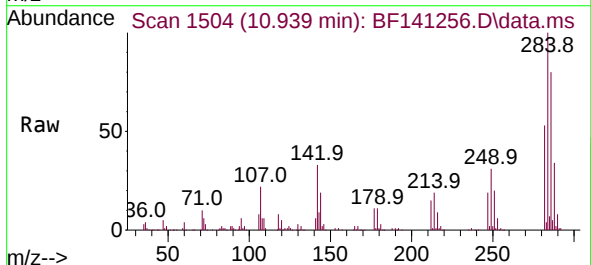
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

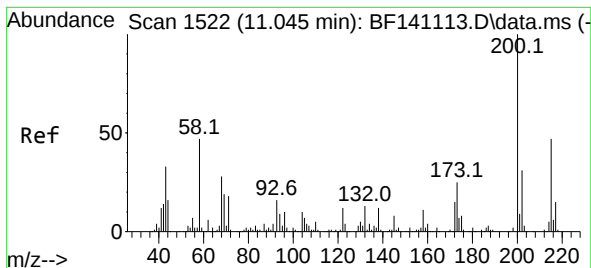
Tgt Ion:248 Resp: 268616
Ion Ratio Lower Upper
248 100
250 98.2 77.9 116.9
141 68.9 59.9 89.9



#68
Hexachlorobenzene
Concen: 41.867 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.018 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion:284 Resp: 299452
Ion Ratio Lower Upper
284 100
142 33.5 26.3 39.5
249 31.1 24.9 37.3





#69

Atrazine

Concen: 37.181 ng

RT: 11.033 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

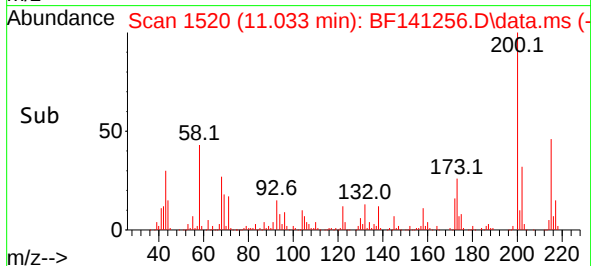
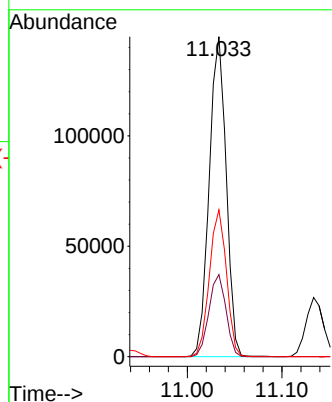
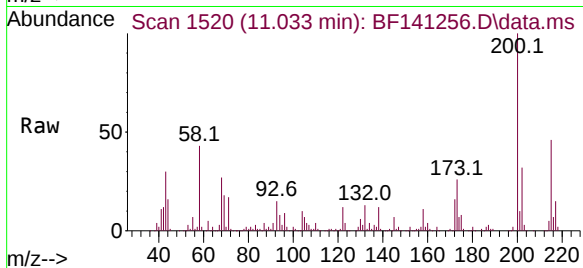
Tgt Ion:200 Resp: 180212

Ion Ratio Lower Upper

200 100

173 25.6 5.4 45.4

215 45.9 26.6 66.6



#70

Pentachlorophenol

Concen: 42.408 ng

RT: 11.133 min Scan# 1537

Delta R.T. -0.012 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

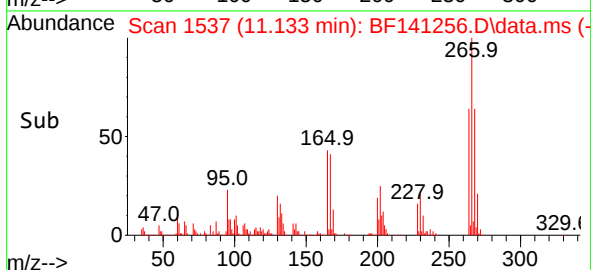
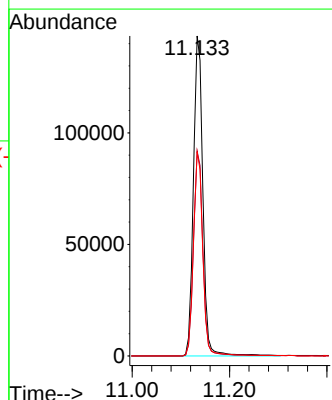
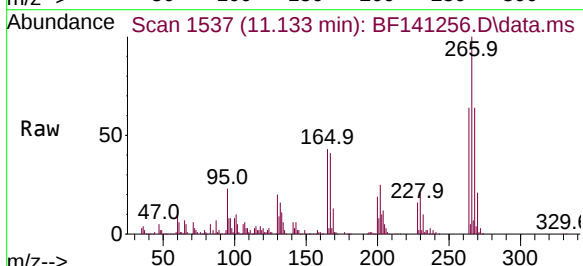
Tgt Ion:266 Resp: 194248

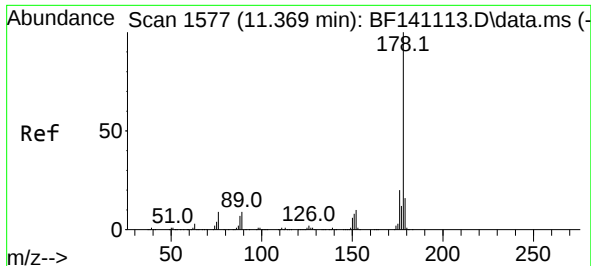
Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

264 63.8 50.2 75.2

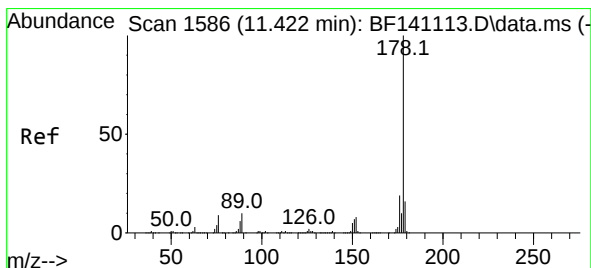
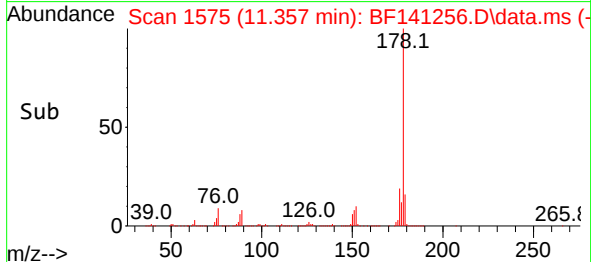
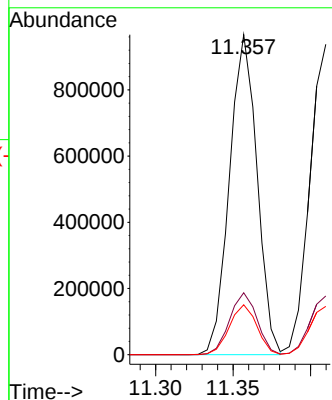
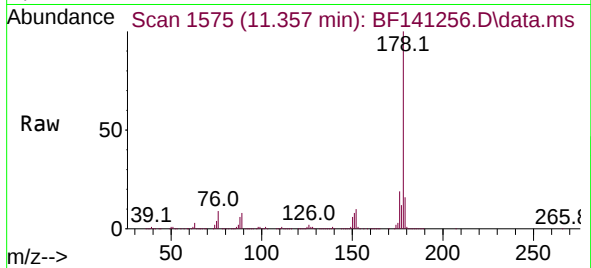




#71
Phenanthrene
Concen: 39.882 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

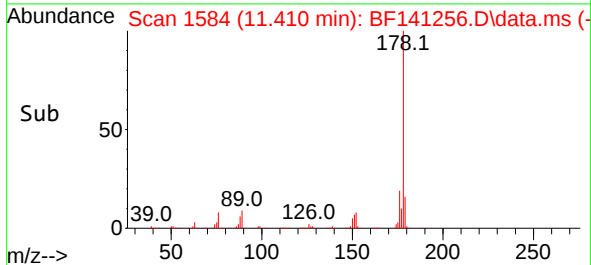
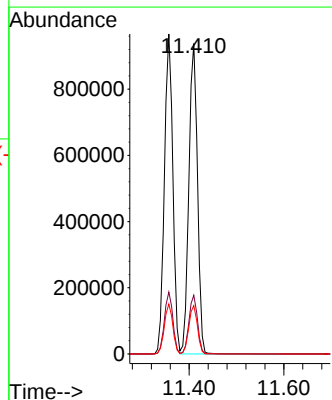
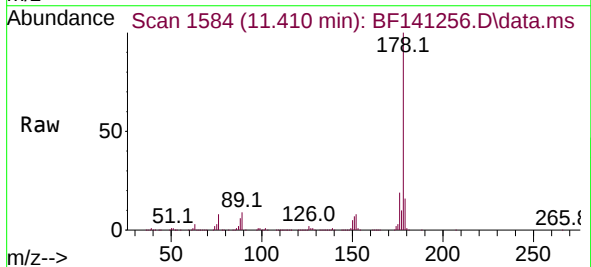
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

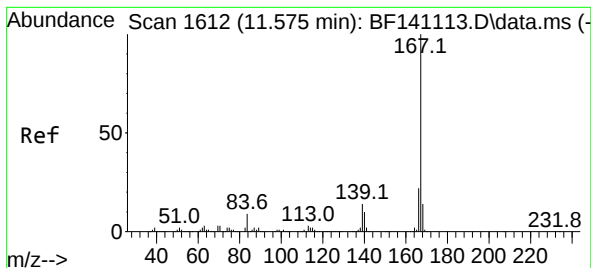
Tgt Ion:178 Resp: 1194930
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.6 12.6 19.0



#72
Anthracene
Concen: 40.378 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion:178 Resp: 1176354
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.6 12.6 19.0





#73

Carbazole

Concen: 40.204 ng

RT: 11.563 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

Instrument :

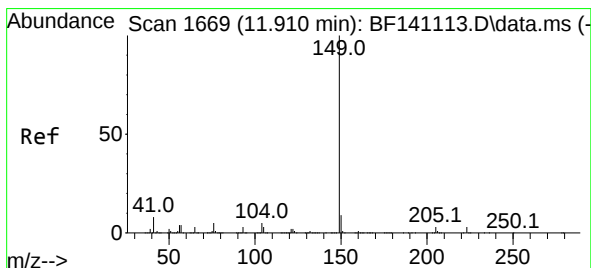
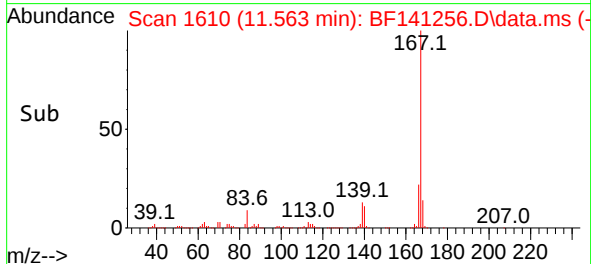
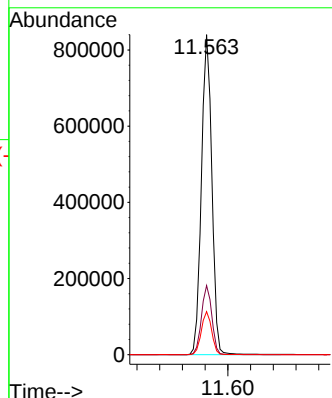
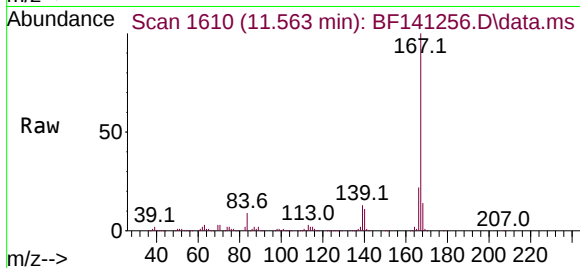
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 1073986

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.2
139	13.5	10.9	16.3



#74

Di-n-butylphthalate

Concen: 42.616 ng

RT: 11.898 min Scan# 1667

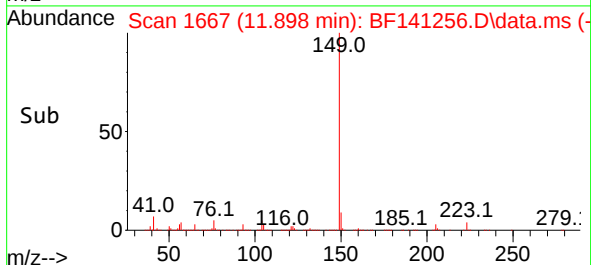
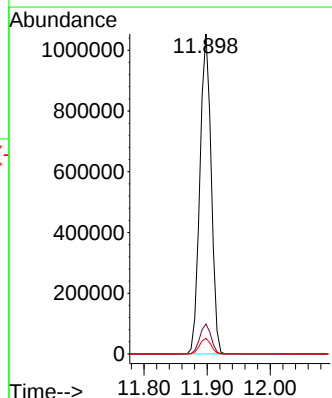
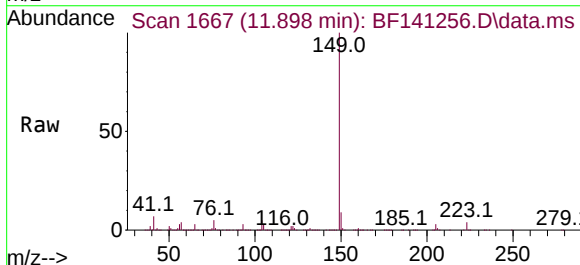
Delta R.T. -0.012 min

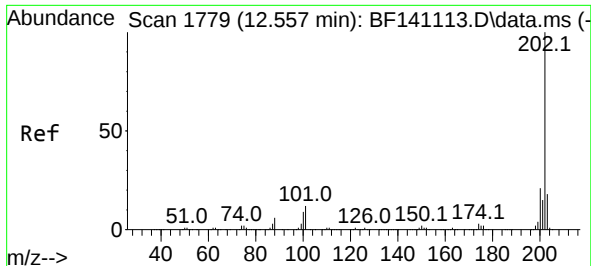
Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

Tgt Ion:149 Resp: 1302823

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.9	4.2	6.2

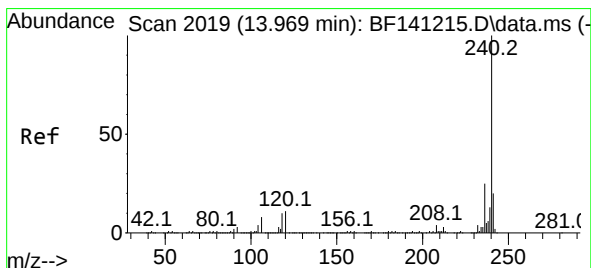
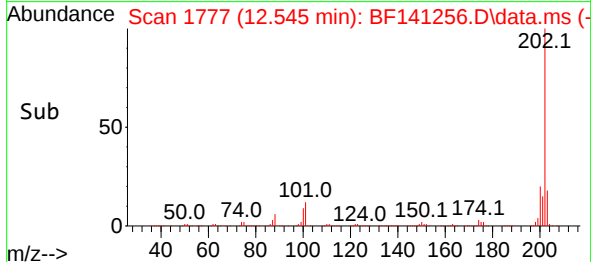
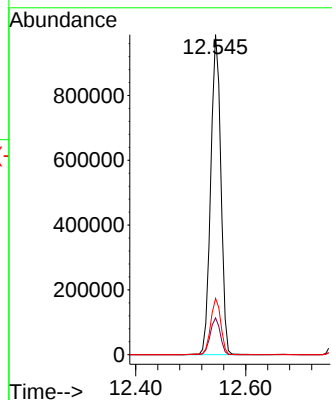
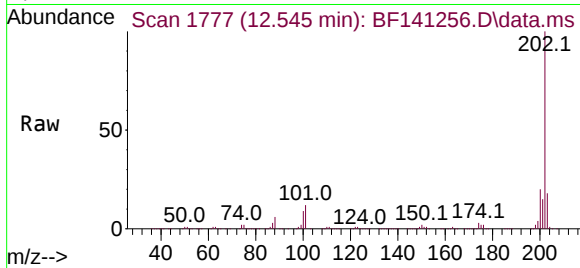




#75
Fluoranthene
Concen: 42.088 ng
RT: 12.545 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

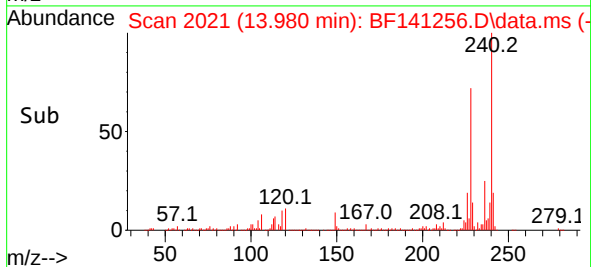
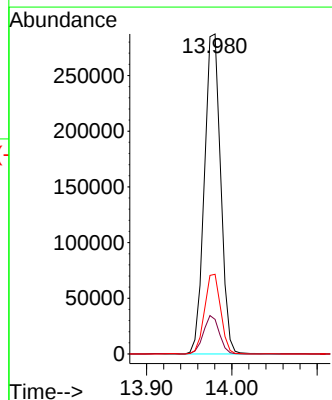
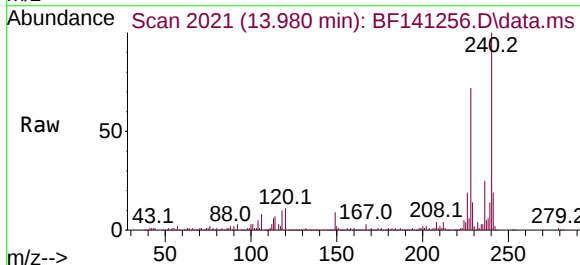
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 1258393
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.3
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion:240 Resp: 380590
Ion Ratio Lower Upper
240 100
120 10.8 9.1 13.7
236 24.9 19.8 29.6

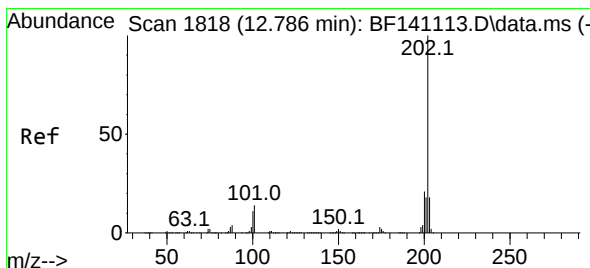
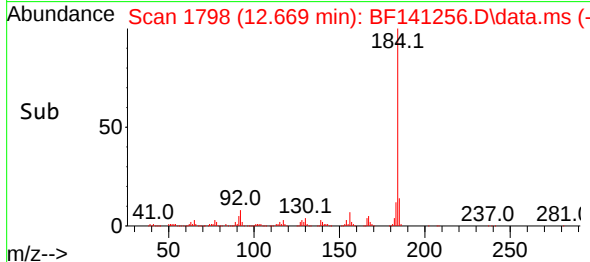
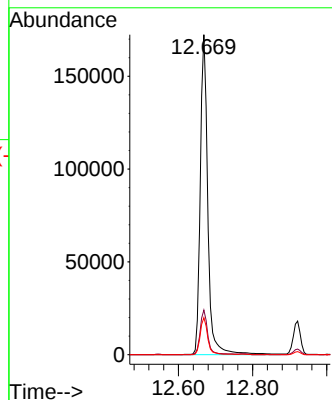
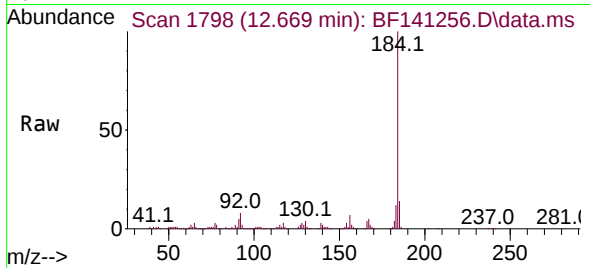




#77
Benzidine
Concen: 34.410 ng
RT: 12.669 min Scan# 1798
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

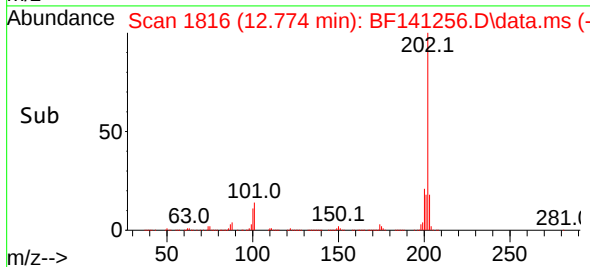
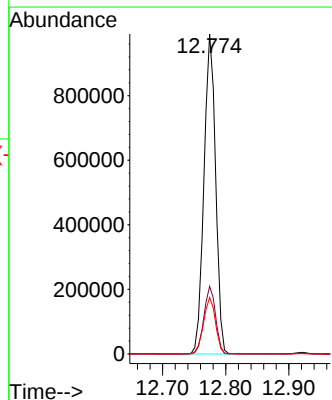
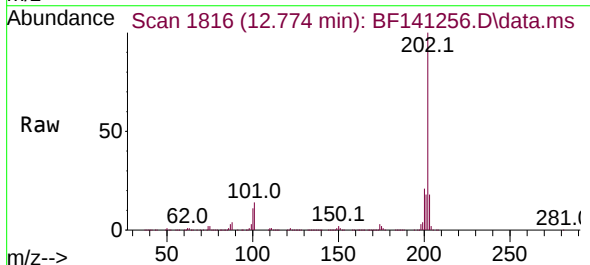
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

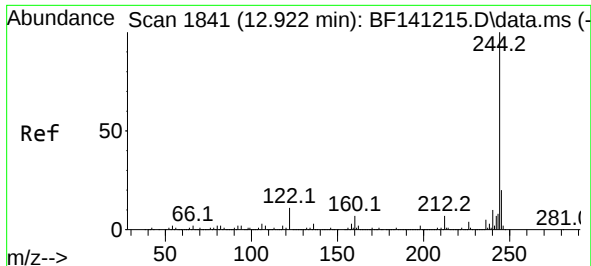
Tgt Ion:184 Resp: 242860
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.0
183 11.6 9.2 13.8



#78
Pyrene
Concen: 34.779 ng
RT: 12.774 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion:202 Resp: 1264260
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.7 14.3 21.5

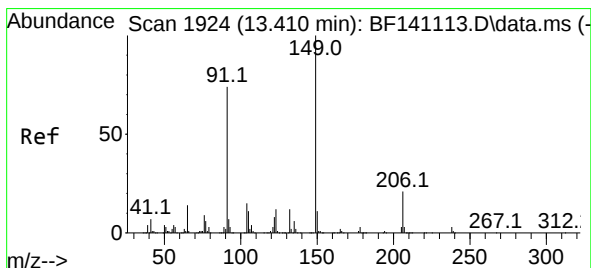
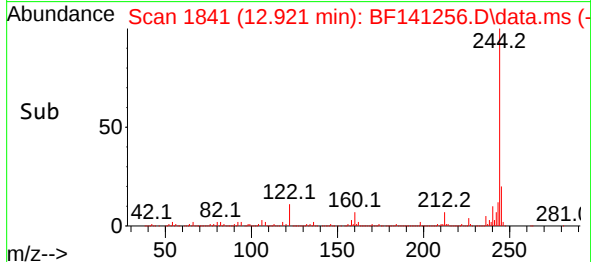
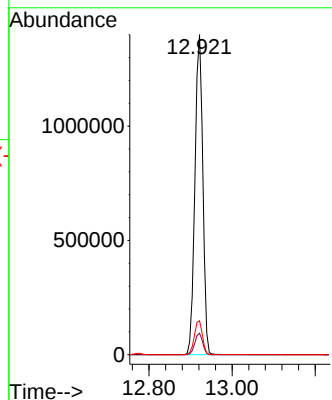
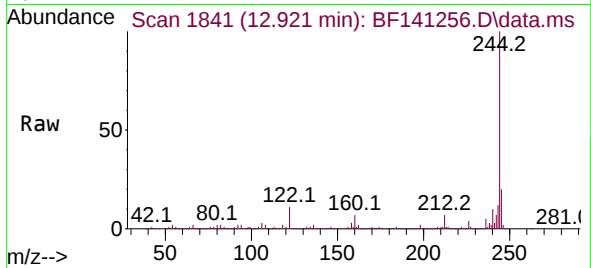




#79
 Terphenyl-d14
 Concen: 71.836 ng
 RT: 12.921 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141256.D
 Acq: 24 Jan 2025 11:12

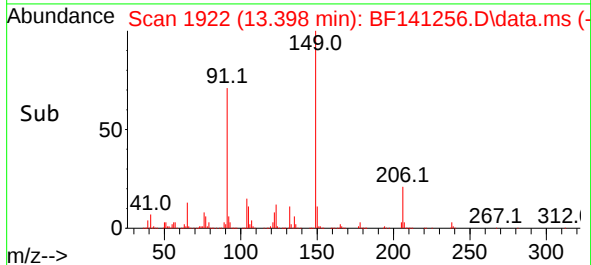
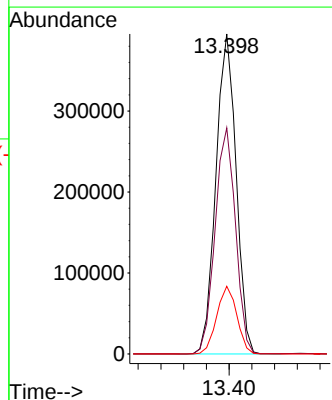
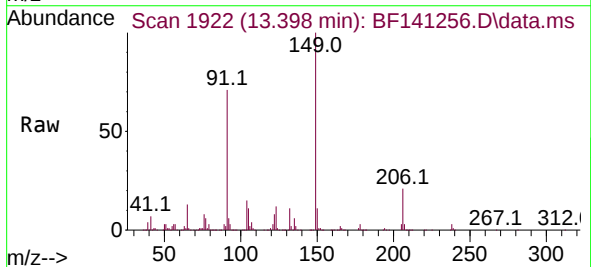
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

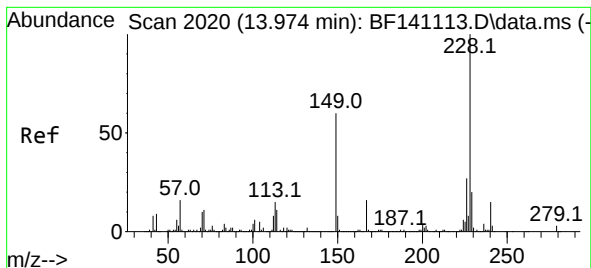
Tgt Ion:244 Resp: 1839453
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.6 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 40.325 ng
 RT: 13.398 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF141256.D
 Acq: 24 Jan 2025 11:12

Tgt Ion:149 Resp: 488733
 Ion Ratio Lower Upper
 149 100
 91 70.7 59.0 88.6
 206 21.2 16.5 24.7





#81

Benzo(a)anthracene

Concen: 37.563 ng

RT: 13.968 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

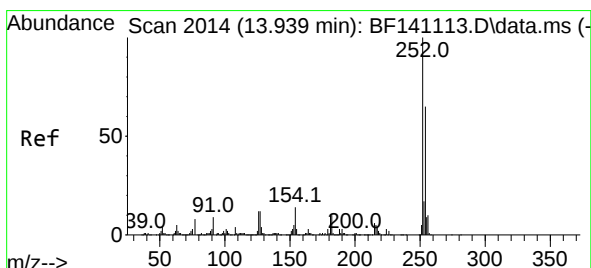
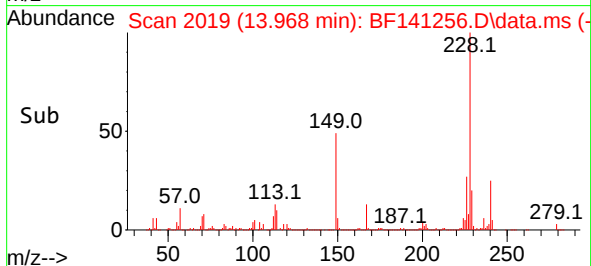
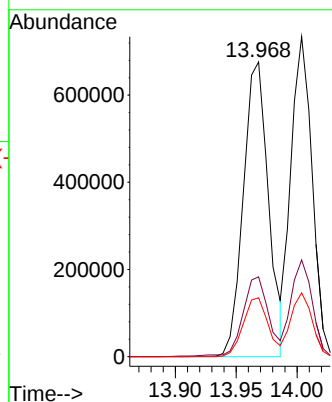
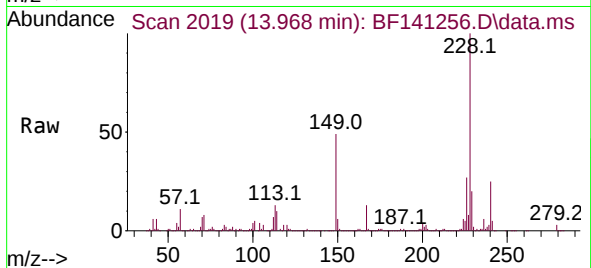
Tgt Ion:228 Resp: 972928

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 38.398 ng

RT: 13.927 min Scan# 2012

Delta R.T. -0.012 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

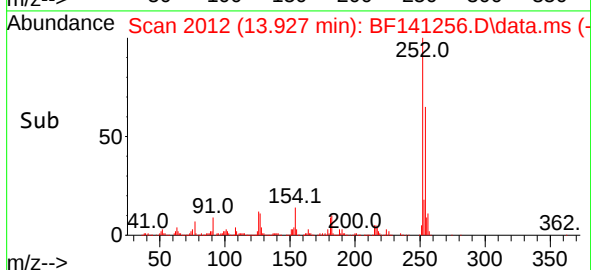
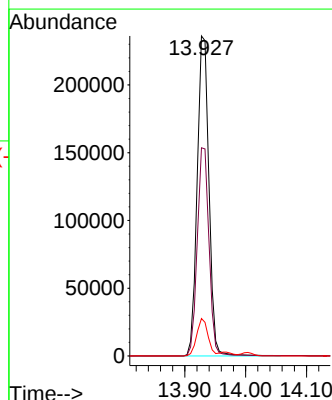
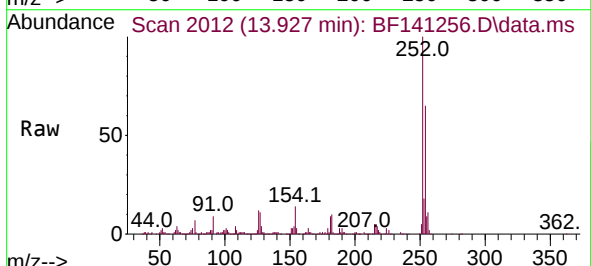
Tgt Ion:252 Resp: 316689

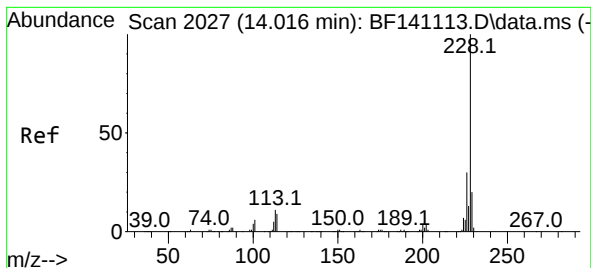
Ion Ratio Lower Upper

252 100

254 65.1 52.0 78.0

126 11.7 9.4 14.0





#83

Chrysene

Concen: 36.769 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

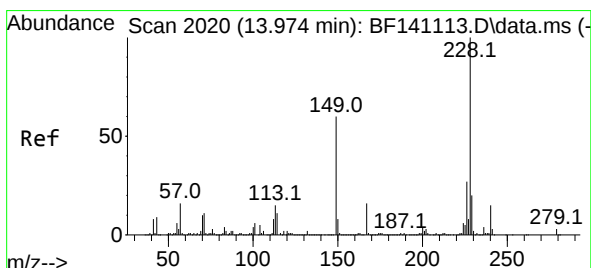
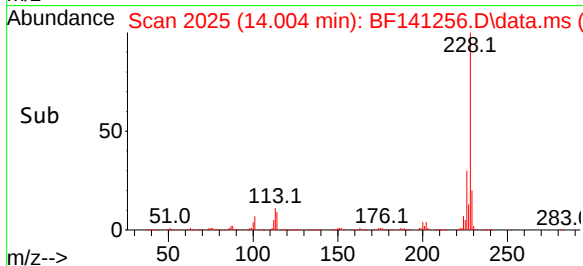
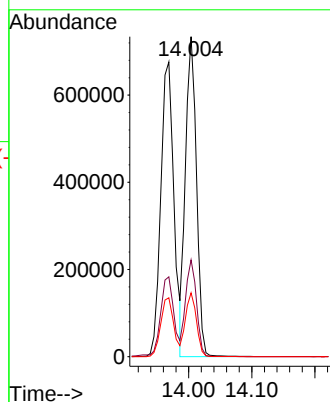
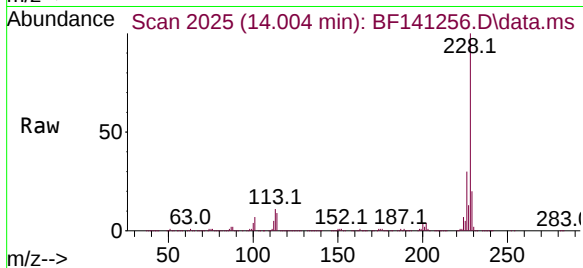
Tgt Ion:228 Resp: 891131

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.8

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.534 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

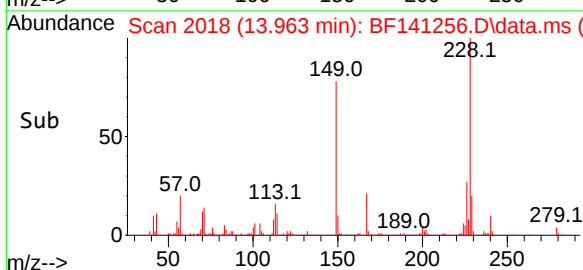
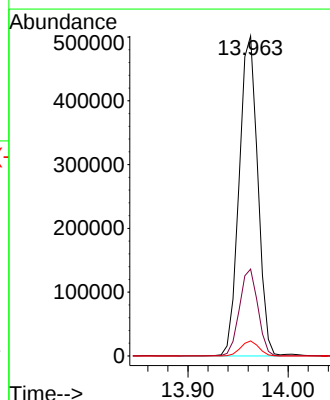
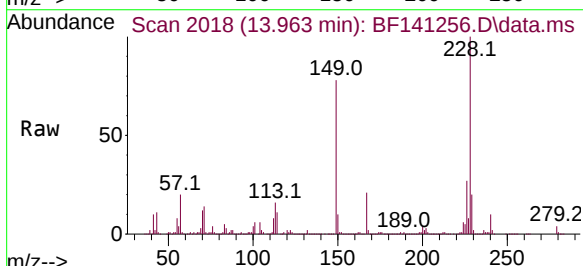
Tgt Ion:149 Resp: 647609

Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.2

279 4.7 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 48.644 ng

RT: 14.586 min Scan# 2124

Delta R.T. -0.000 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

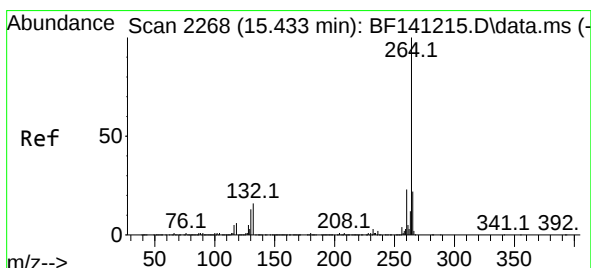
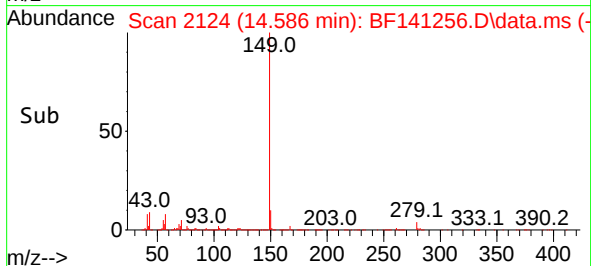
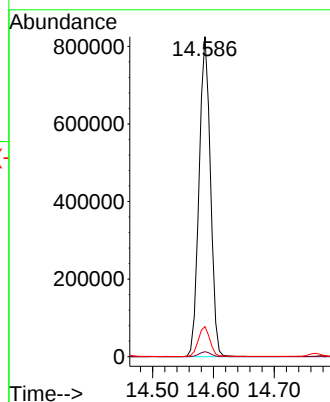
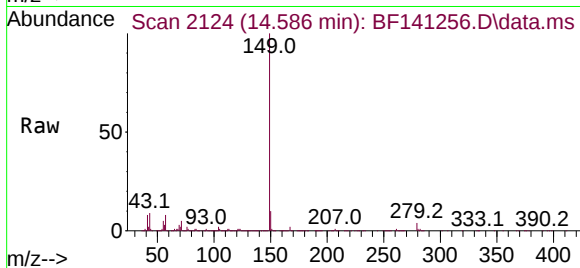
Tgt Ion:149 Resp: 1068185

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.6 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

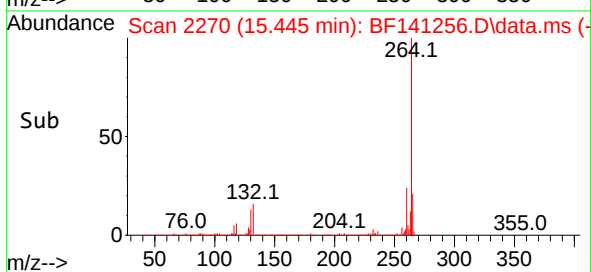
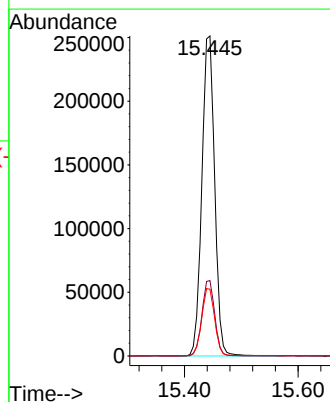
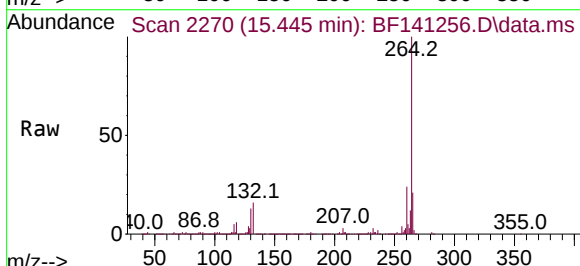
Tgt Ion:264 Resp: 392781

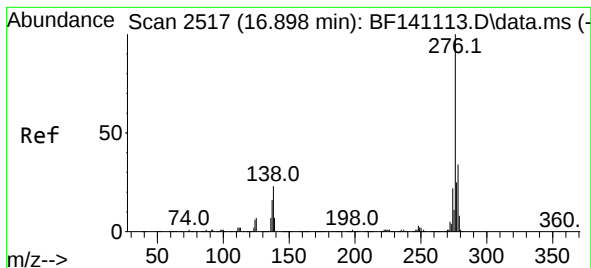
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 20.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.769 ng

RT: 16.898 min Scan# 2115

Delta R.T. -0.000 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

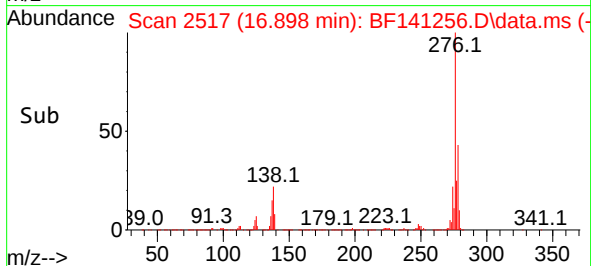
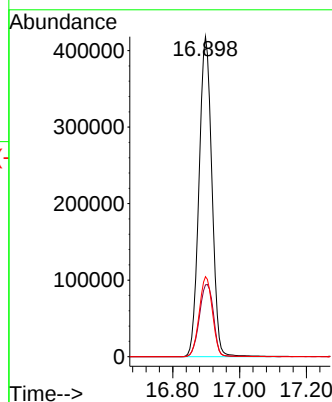
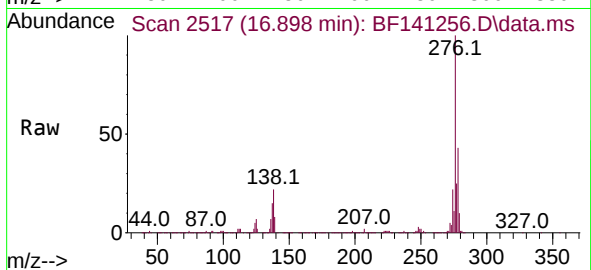
Tgt Ion:276 Resp: 1115626

Ion Ratio Lower Upper

276 100

138 24.7 20.7 31.1

277 25.7 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 37.949 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF141256.D

Acq: 24 Jan 2025 11:12

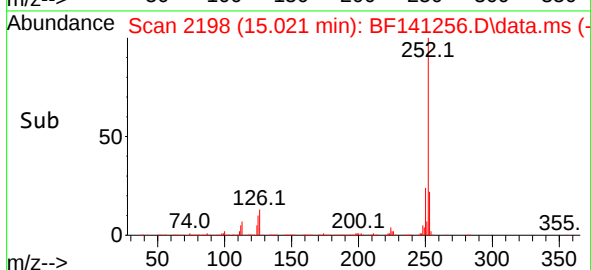
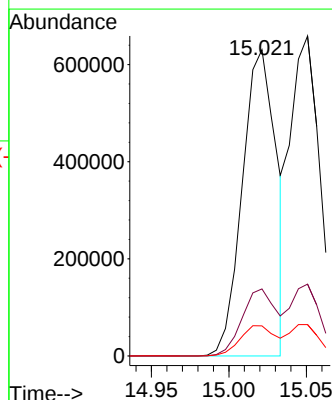
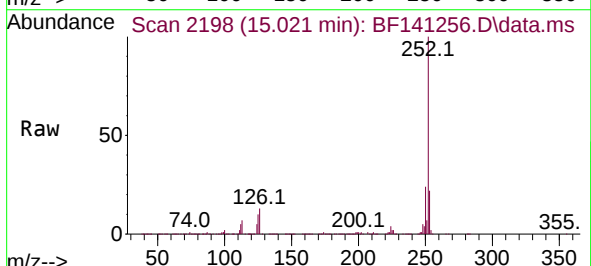
Tgt Ion:252 Resp: 961170

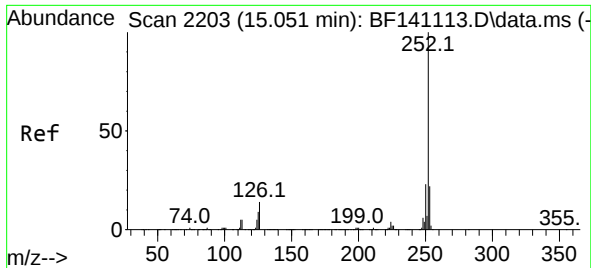
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 9.8 8.1 12.1

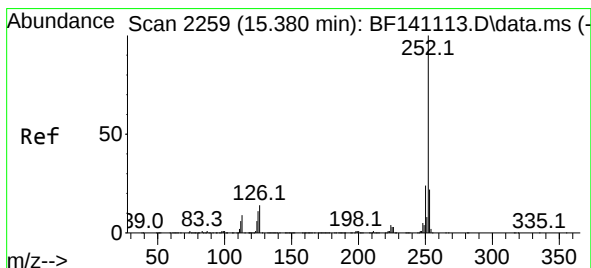
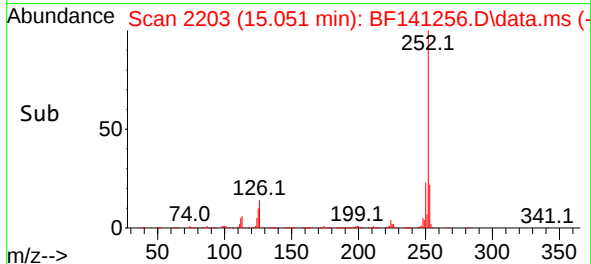
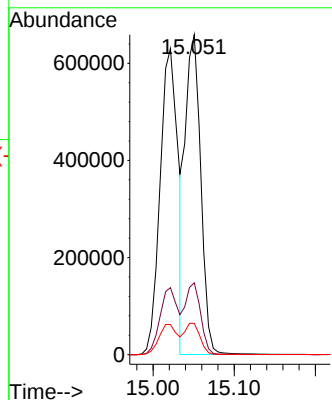
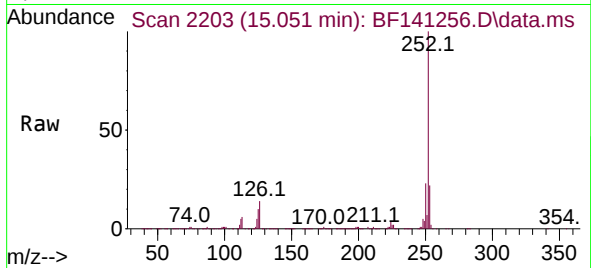




#89
Benzo(k)fluoranthene
Concen: 40.880 ng
RT: 15.051 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

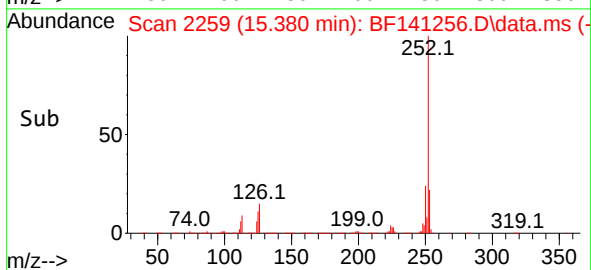
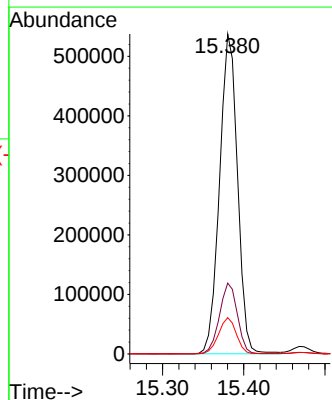
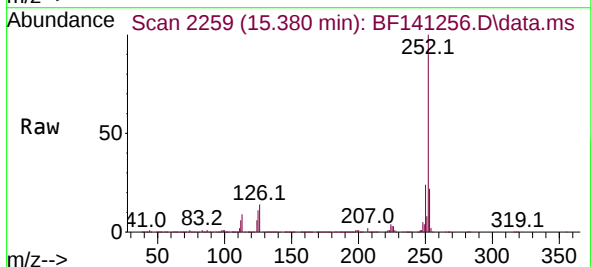
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

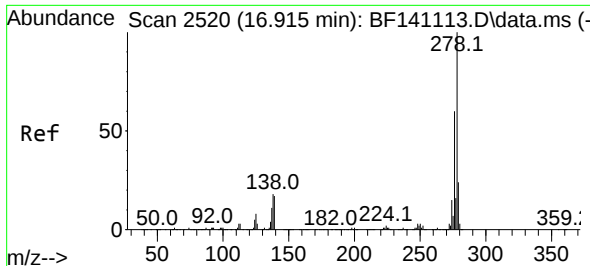
Tgt Ion:252 Resp: 875015
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 9.8 7.9 11.9



#90
Benzo(a)pyrene
Concen: 39.613 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.000 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion:252 Resp: 827782
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.3 9.1 13.7

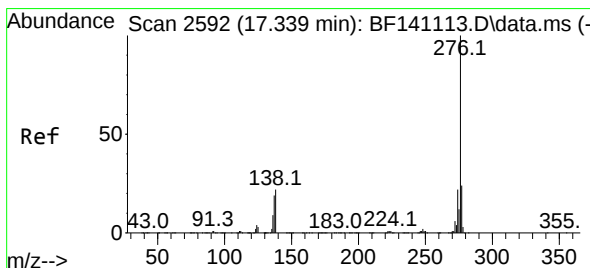
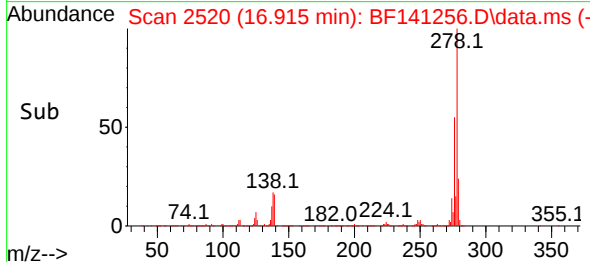
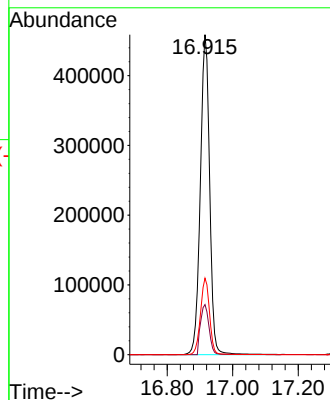
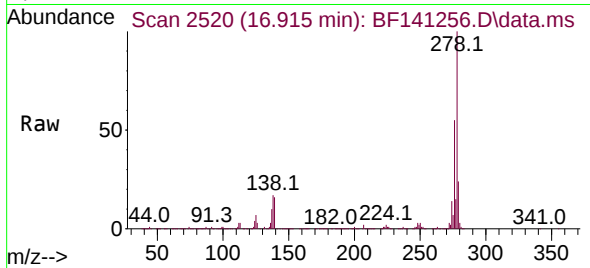




#91
Dibenzo(a,h)anthracene
Concen: 39.014 ng
RT: 16.915 min Scan# 2520
Delta R.T. -0.000 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 908035
Ion Ratio Lower Upper
278 100
139 15.7 13.8 20.6
279 23.9 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 38.830 ng
RT: 17.339 min Scan# 2592
Delta R.T. -0.000 min
Lab File: BF141256.D
Acq: 24 Jan 2025 11:12

Tgt Ion:276 Resp: 940023
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 20.8 17.4 26.2

