

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
 Data File : BF125710.D
 Acq On : 29 Sep 2021 14:23
 Operator : JU/CG
 Sample : M3965-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EJ-1

Quant Time: Sep 29 16:24:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

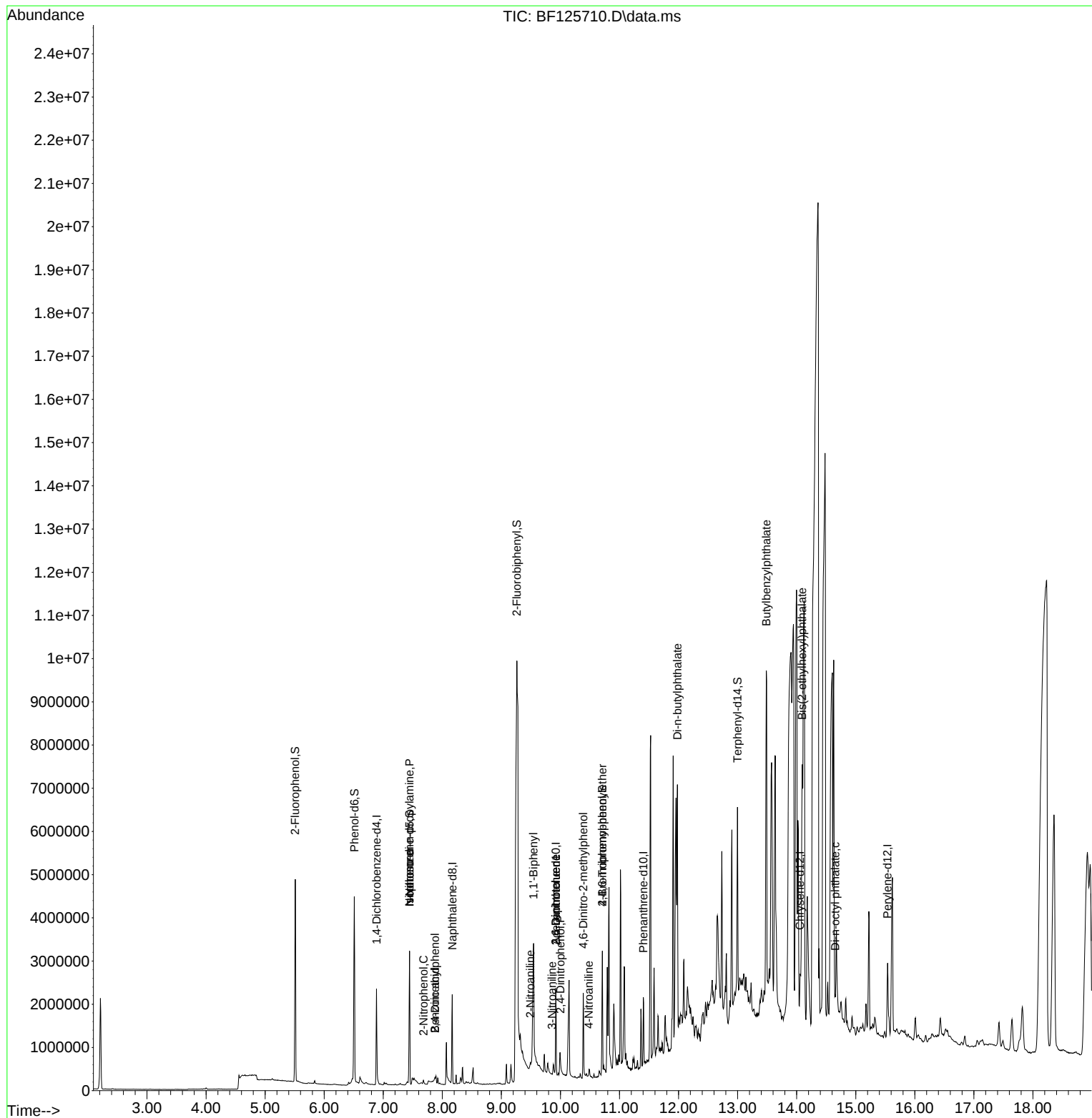
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	244545	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	888179	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	391429	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	593830	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	456743	20.000	ng	0.01
86) Perylene-d12	15.539	264	353001	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1496309	100.810	ng	0.00
7) Phenol-d6	6.510	99	1739279	87.160	ng	0.00
23) Nitrobenzene-d5	7.445	82	1015291	79.733	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	370414	101.495	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	737557	24.304	ng	0.01
79) Terphenyl-d14	12.998	244	1553680	58.908	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	4273	Below Cal	#	62
19) n-Nitroso-di-n-propyla...	7.445	70	127215	11.197	ng	# 51
25) Isophorone	7.445	82	1013230	35.530	ng	# 59
26) 2-Nitrophenol	7.680	139	758	5.832	ng	# 1
27) 2,4-Dimethylphenol	7.875	122	42853	3.379	ng	# 8
32) Benzoic acid	7.875	122	42853	12.410	ng	95
46) 1,1'-Biphenyl	9.545	154	377451	13.077	ng	# 41
48) 2-Nitroaniline	9.492	65	3567	4.735	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	50871	12.774	ng	# 41
53) 3-Nitroaniline	9.857	138	669	3.245	ng	# 1
54) 2,4-Dinitrophenol	9.998	184	422	4.671	ng	# 1
57) 2,4-Dinitrotoluene	9.922	165	50871	11.635	ng	# 32
62) 4-Nitroaniline	10.480	138	1737	2.173	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.386	198	11744	12.313	ng	# 52
67) 4-Bromophenyl-phenylether	10.710	248	21613	3.468	ng	# 1
74) Di-n-butylphthalate	11.980	149	3244660	99.384	ng	# 96
80) Butylbenzylphthalate	13.486	149	2648101	193.730	ng	91
84) Bis(2-ethylhexyl)phtha...	14.092	149	2699973	172.545	ng	# 98
85) Di-n-octyl phthalate	14.651	149	413174	18.003	ng	# 89

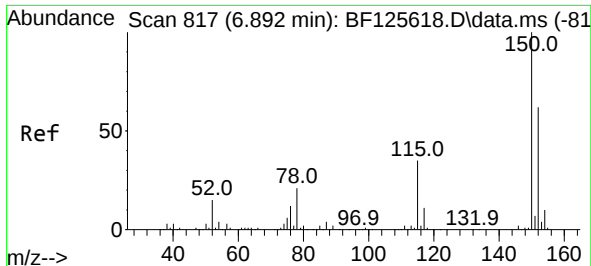
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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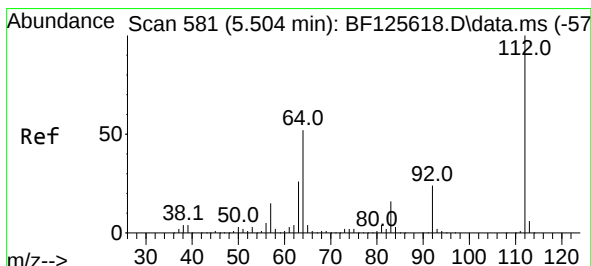
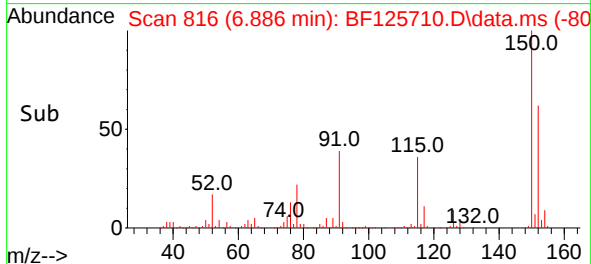
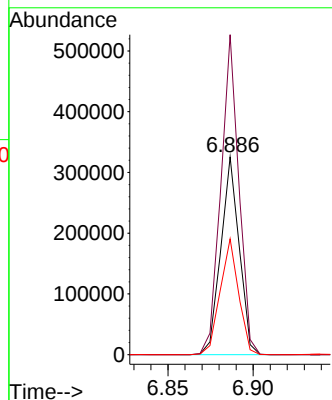
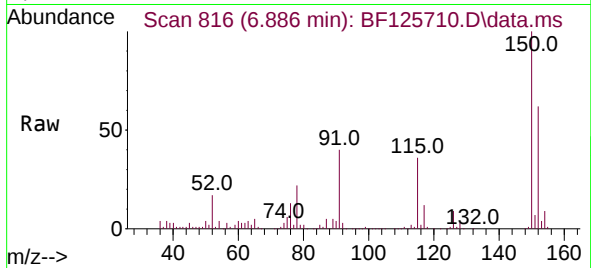




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

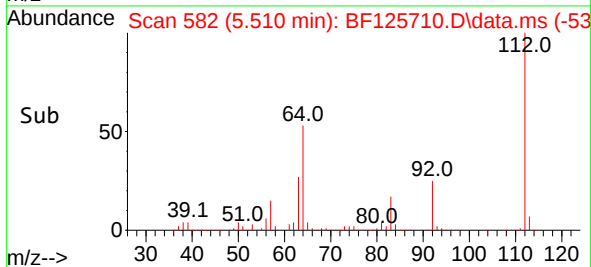
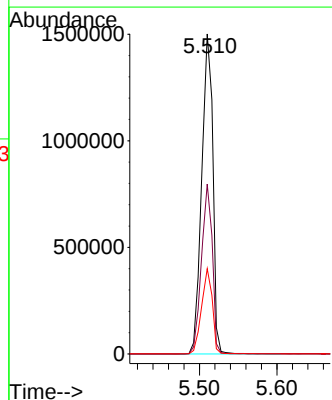
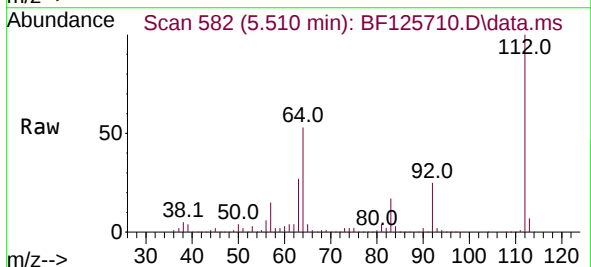
Instrument :
BNA_F
ClientSampleId :
EJ-1

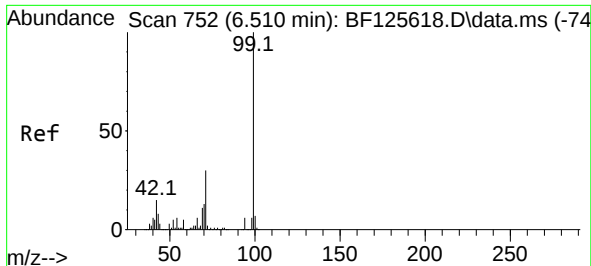
Tgt Ion:152 Resp: 244545
Ion Ratio Lower Upper
152 100
150 161.8 117.6 176.4
115 58.6 47.1 70.7



#5
2-Fluorophenol
Concen: 100.810 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

Tgt Ion:112 Resp: 1496309
Ion Ratio Lower Upper
112 100
64 53.1 44.2 66.2
63 26.7 26.2 39.2

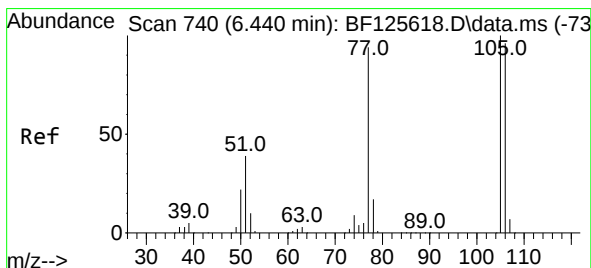
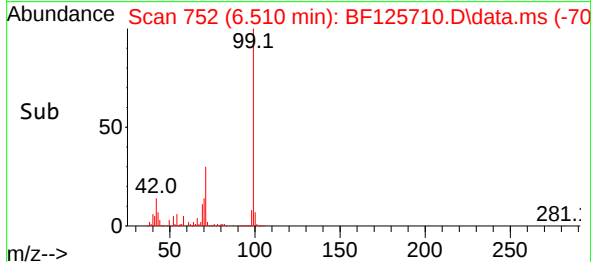
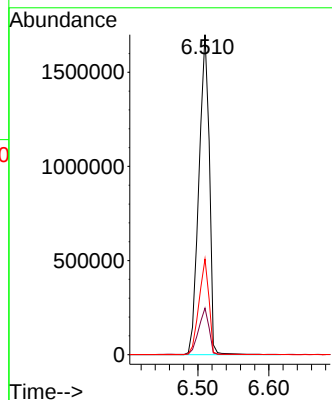
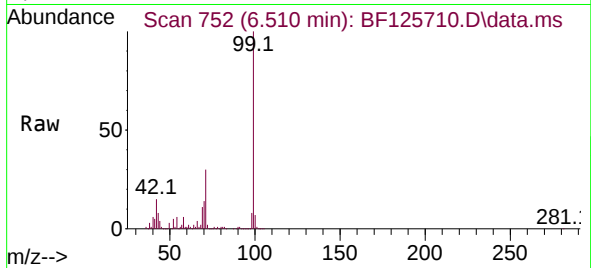




#7
Phenol-d6
Concen: 87.160 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

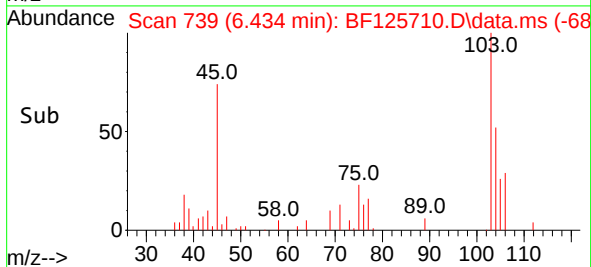
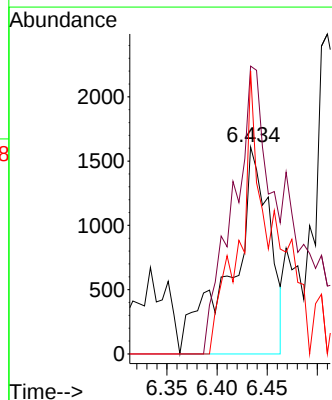
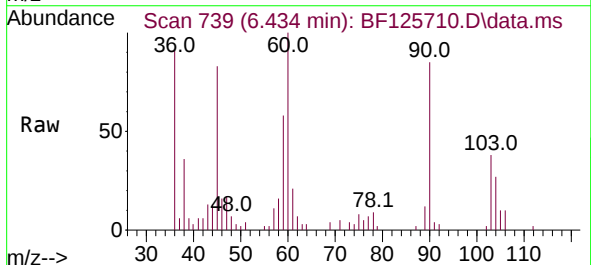
Instrument :
BNA_F
ClientSampleId :
EJ-1

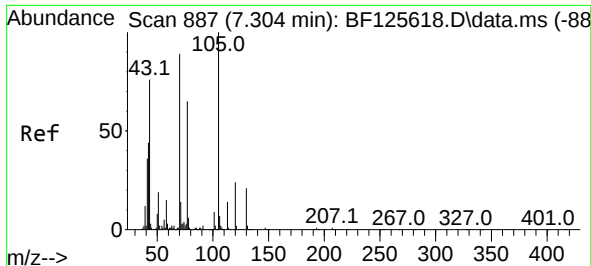
Tgt Ion: 99 Resp: 1739279
Ion Ratio Lower Upper
99 100
42 14.5 23.5 35.3#
71 29.9 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

Tgt Ion: 77 Resp: 4273
Ion Ratio Lower Upper
77 100
105 139.1 75.9 115.9#
106 136.7 84.0 124.0#

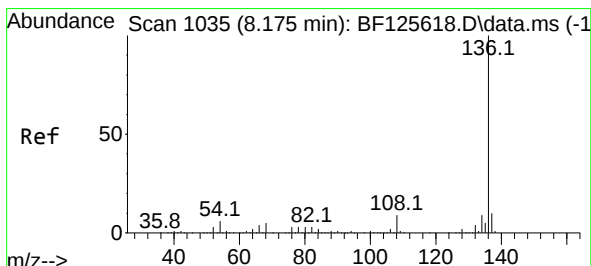
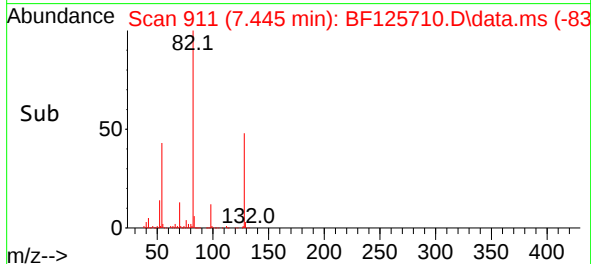
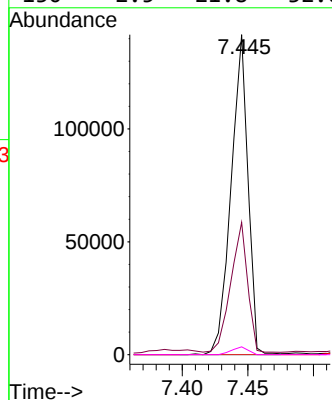
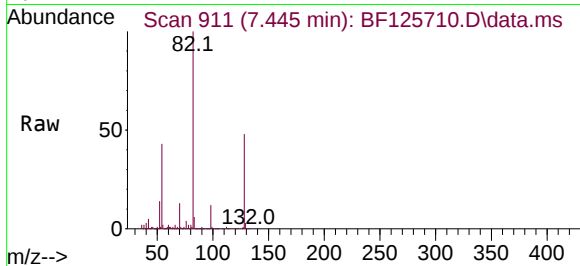




#19
n-Nitroso-di-n-propylamine
Concen: 11.197 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

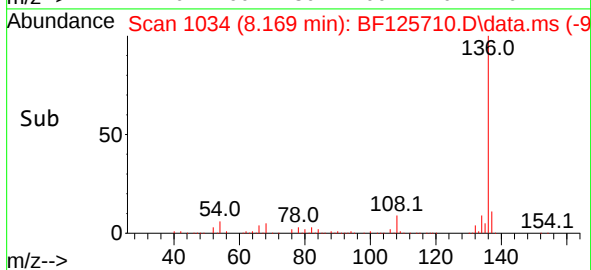
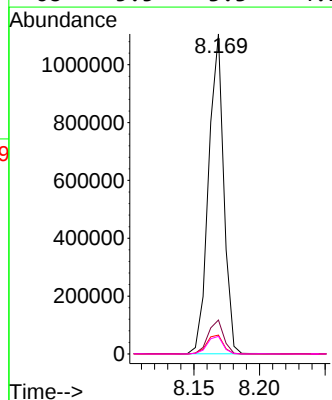
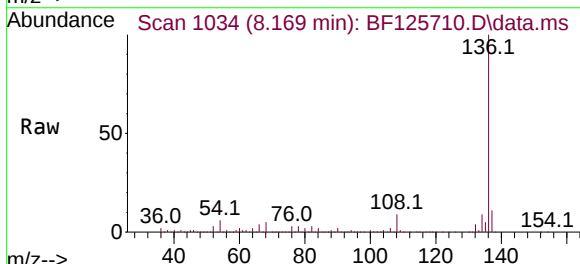
Instrument :
BNA_F
ClientSampled :
EJ-1

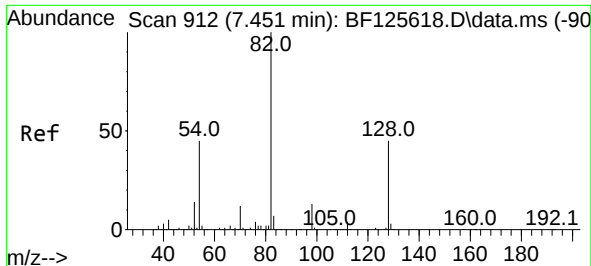
Tgt Ion: 70 Resp: 127215
Ion Ratio Lower Upper
70 100
42 41.4 72.2 108.2#
101 0.0 7.8 11.8#
130 2.5 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

Tgt Ion: 136 Resp: 888179
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 5.9 6.4 9.6#
68 5.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 79.733 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125710.D

Acq: 29 Sep 2021 14:23

Instrument :

BNA_F

ClientSampleId :

EJ-1

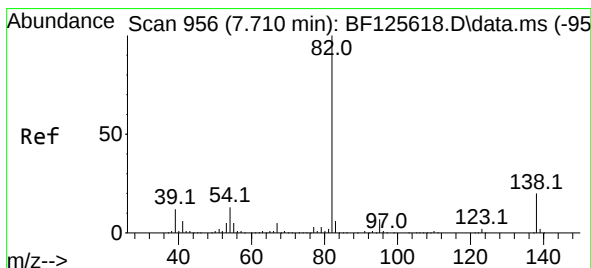
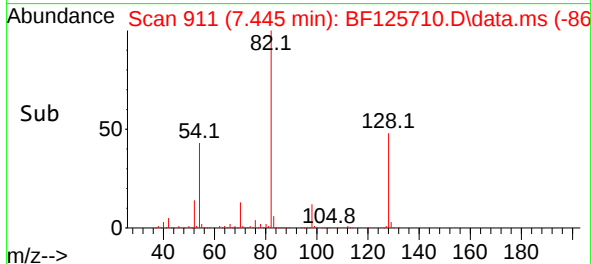
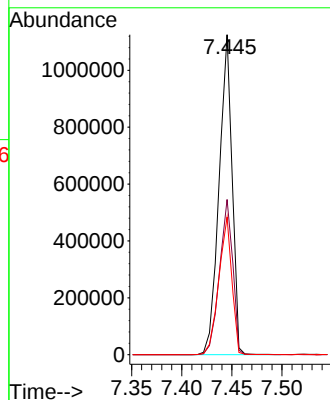
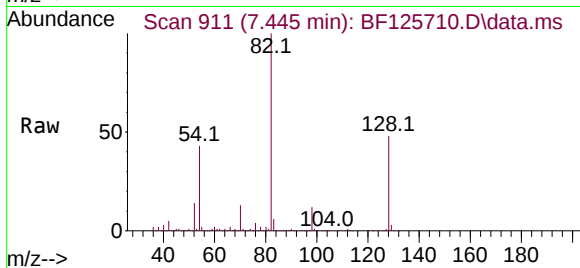
Tgt Ion: 82 Resp: 1015291

Ion Ratio Lower Upper

82 100

128 48.5 40.6 60.8

54 43.0 49.6 74.4#



#25

Isophorone

Concen: 35.530 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF125710.D

Acq: 29 Sep 2021 14:23

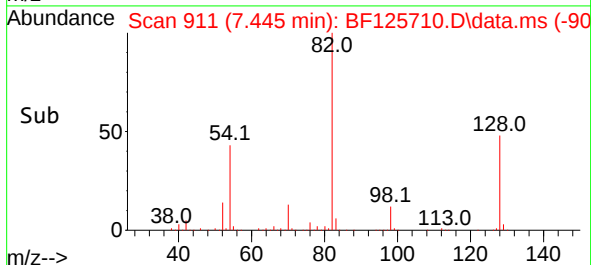
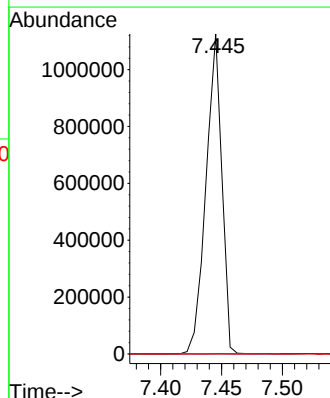
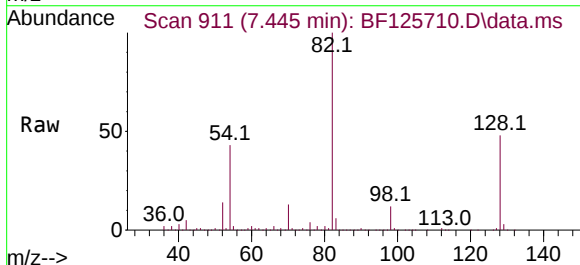
Tgt Ion: 82 Resp: 1013230

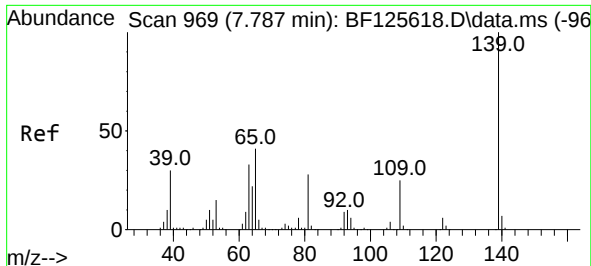
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

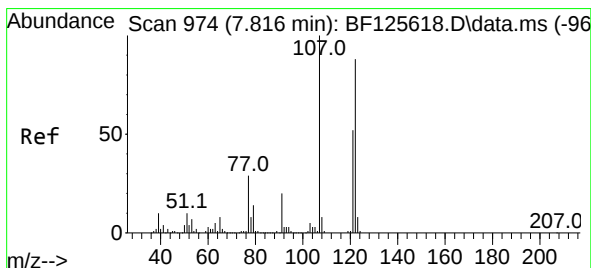
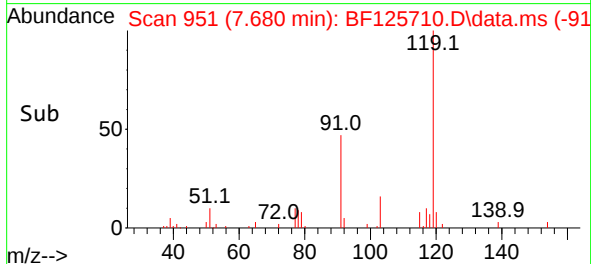
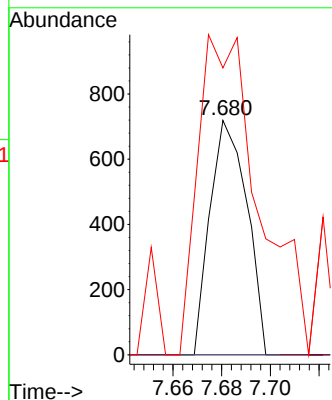
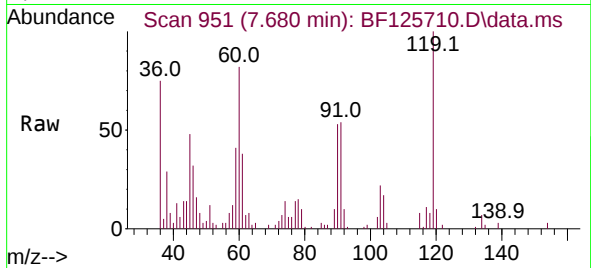




#26
2-Nitrophenol
Concen: 5.832 ng
RT: 7.680 min Scan# 951
Delta R.T. -0.107 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

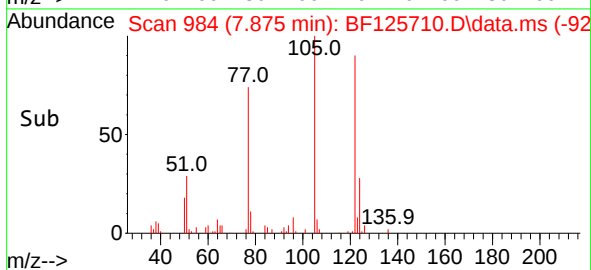
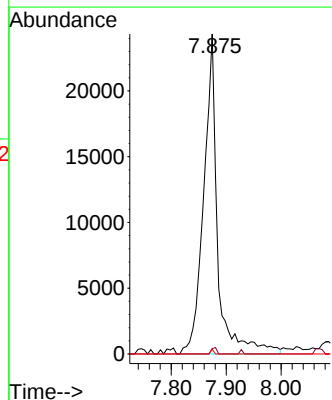
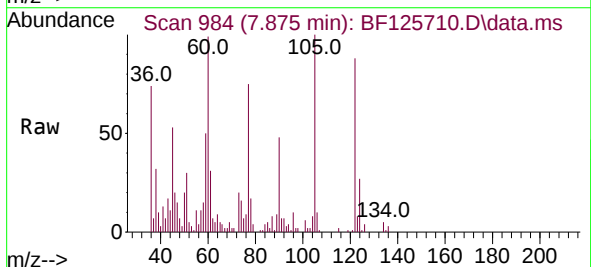
Instrument :
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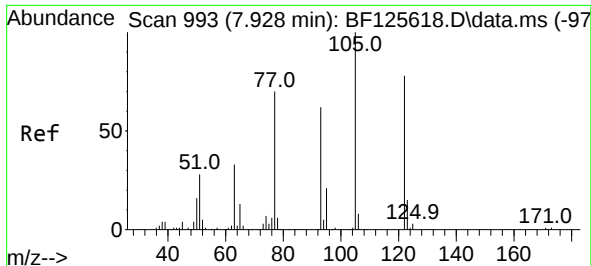
Tgt Ion:139 Resp: 758
Ion Ratio Lower Upper
139 100
109 0.0 26.0 39.0#
65 122.4 31.0 46.4#



#27
2,4-Dimethylphenol
Concen: 3.379 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.059 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

Tgt Ion:122 Resp: 42853
Ion Ratio Lower Upper
122 100
107 1.7 85.0 127.6#
121 1.5 43.3 64.9#

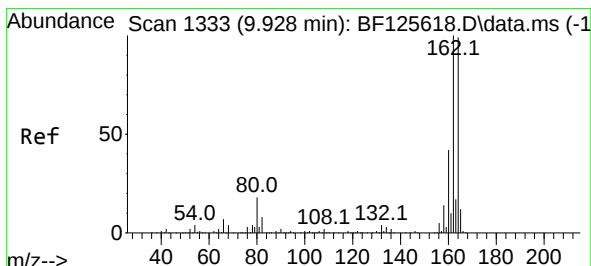
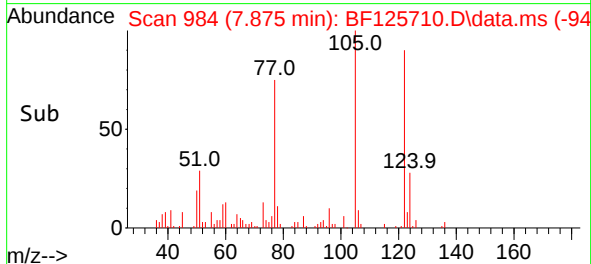
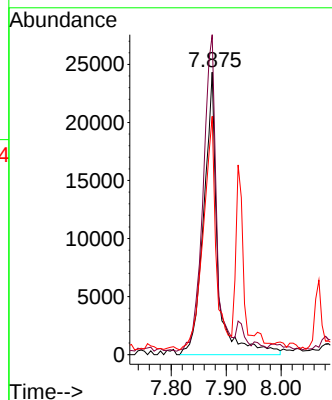
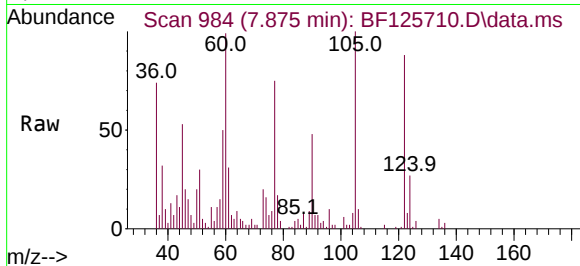




#32
Benzoic acid
Concen: 12.410 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.053 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

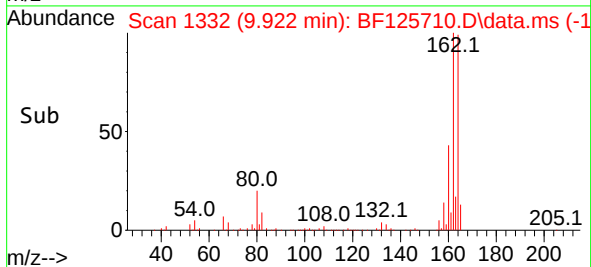
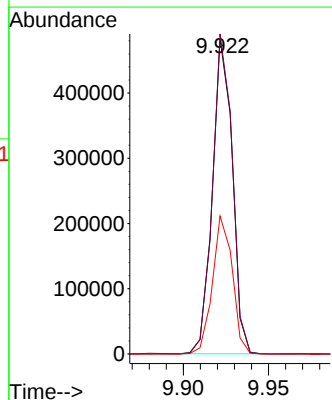
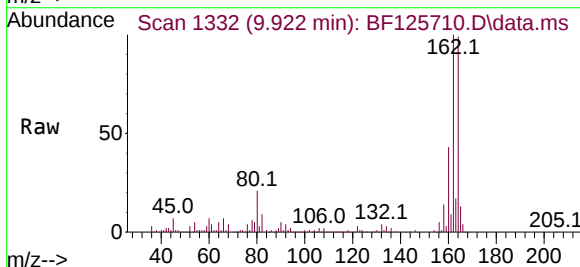
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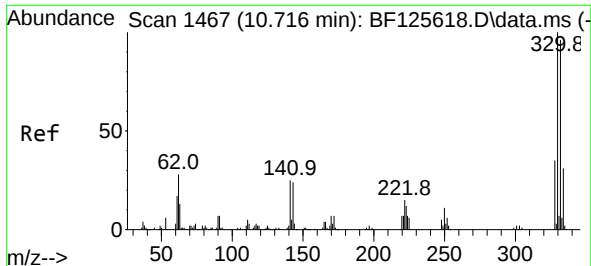
Tgt Ion:122 Resp: 42853
Ion Ratio Lower Upper
122 100
105 113.2 97.6 137.6
77 84.4 59.6 99.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

Tgt Ion:164 Resp: 391429
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 43.7 38.0 57.0

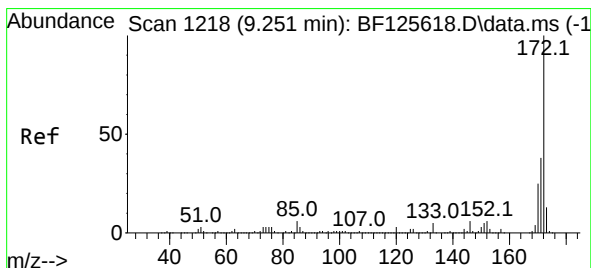
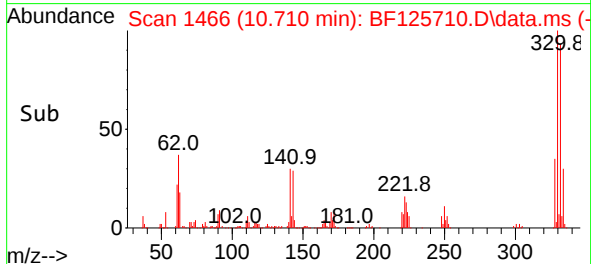
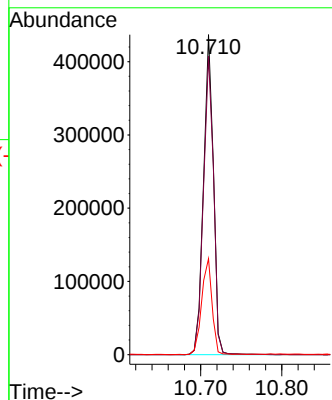
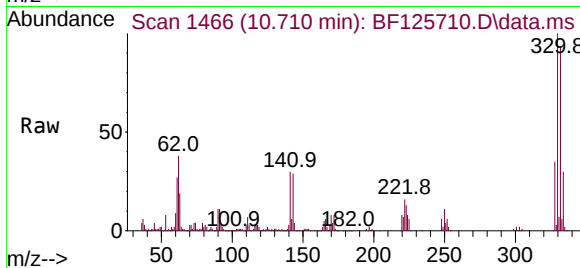




#42
2,4,6-Tribromophenol
Concen: 101.495 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

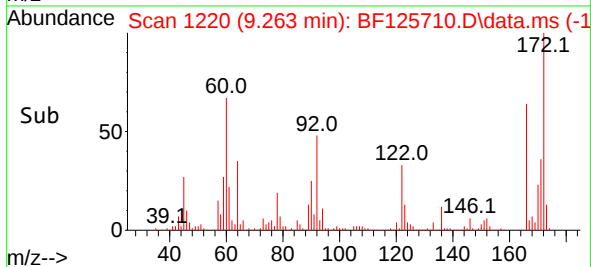
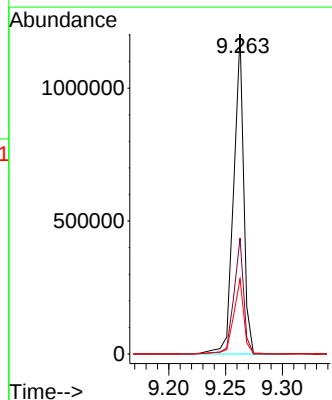
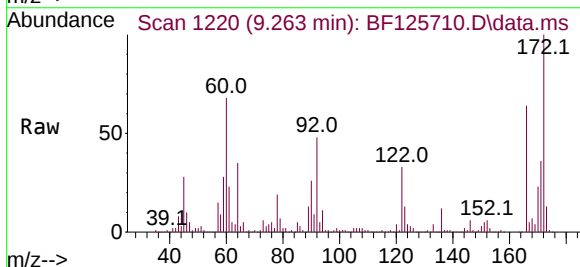
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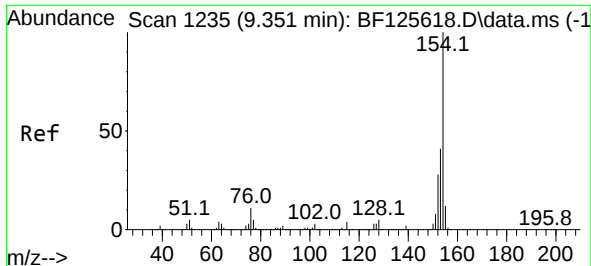
Tgt Ion: 330 Resp: 370414
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 31.7 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 24.304 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.012 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

Tgt Ion: 172 Resp: 737557
Ion Ratio Lower Upper
172 100
171 36.2 26.5 39.7
170 23.4 18.8 28.2

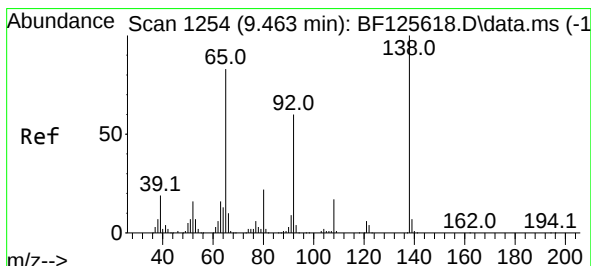
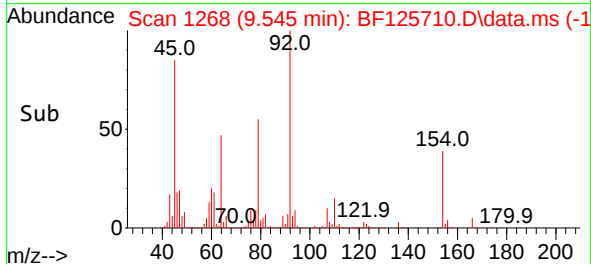
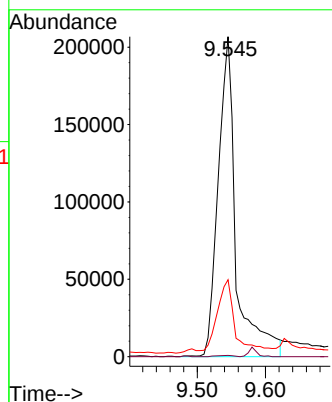
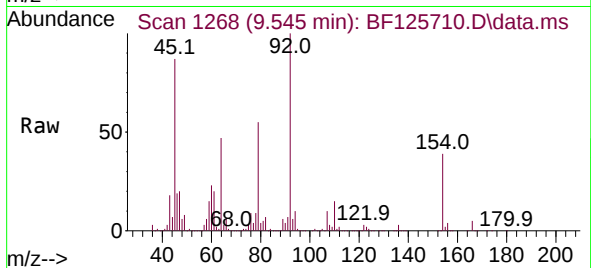




#46
1,1'-Biphenyl
Concen: 13.077 ng
RT: 9.545 min Scan# 1268
Delta R.T. 0.194 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

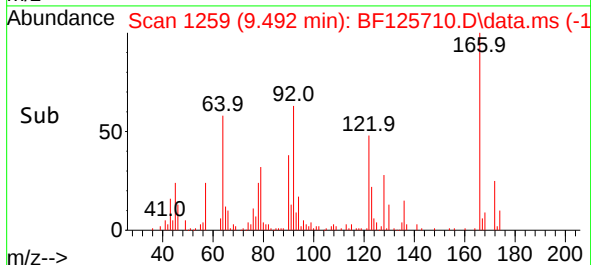
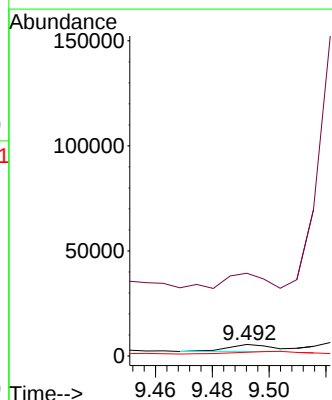
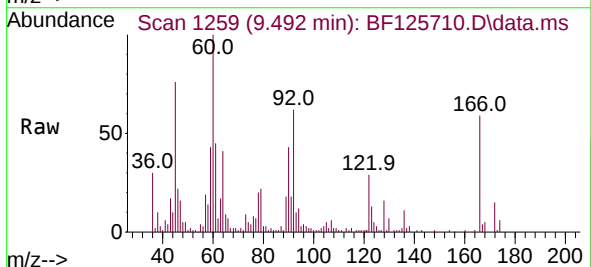
Instrument :
BNA_F
ClientSampled :
EJ-1

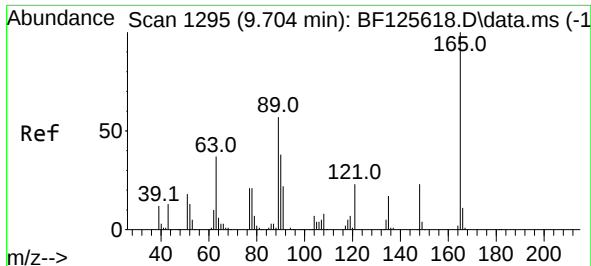
Tgt Ion:154 Resp: 377451
Ion Ratio Lower Upper
154 100
153 0.4 20.0 60.0#
76 24.0 0.0 30.3



#48
2-Nitroaniline
Concen: 4.735 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.029 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

Tgt Ion: 65 Resp: 3567
Ion Ratio Lower Upper
65 100
92 718.3 55.5 83.3#
138 31.4 93.5 140.3#

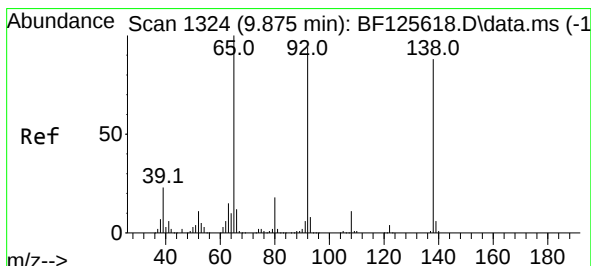
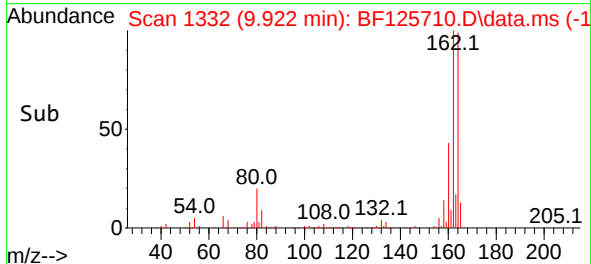
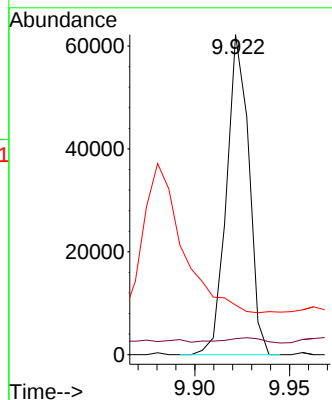
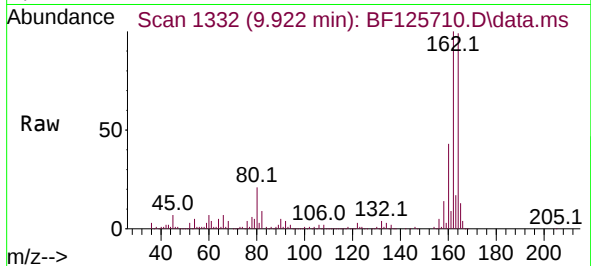




#51
2,6-Dinitrotoluene
Concen: 12.774 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

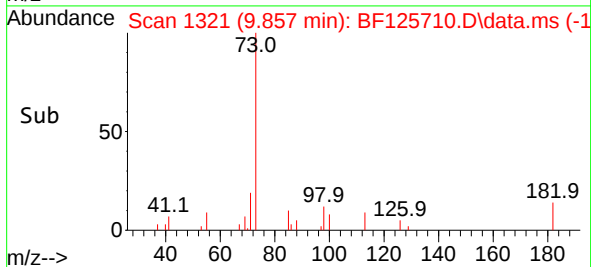
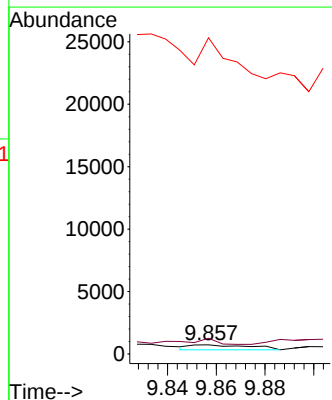
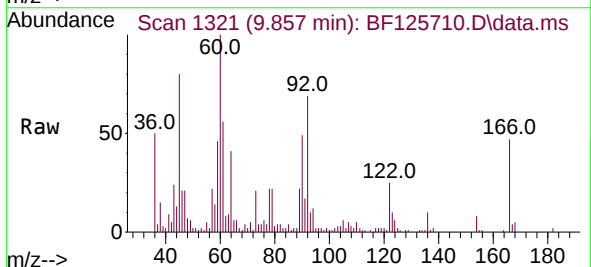
Instrument :
BNA_F
ClientSampleId :
EJ-1

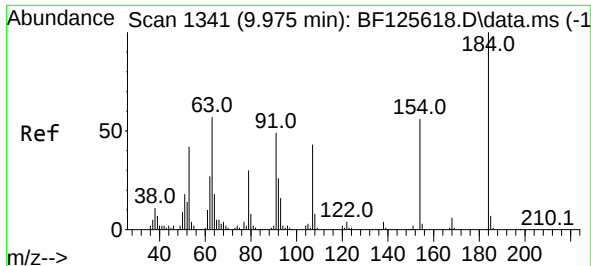
Tgt Ion:165 Resp: 50871
Ion Ratio Lower Upper
165 100
63 5.0 42.6 63.8#
89 15.5 40.6 60.8#



#53
3-Nitroaniline
Concen: 3.245 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.018 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

Tgt Ion:138 Resp: 669
Ion Ratio Lower Upper
138 100
108 170.8 9.3 13.9#
92 3460.1 76.5 114.7#

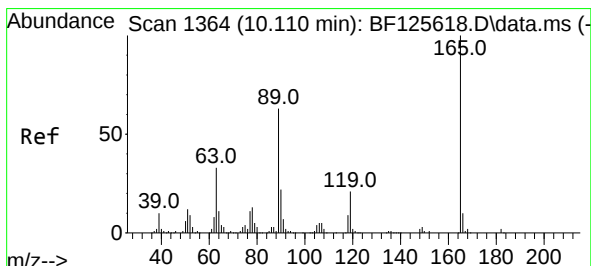
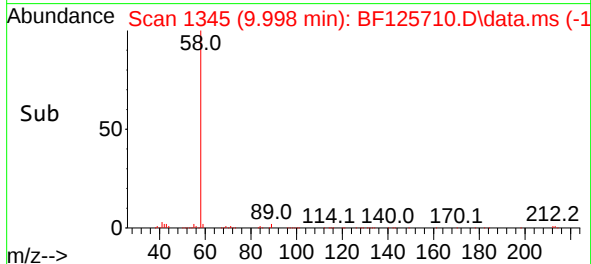
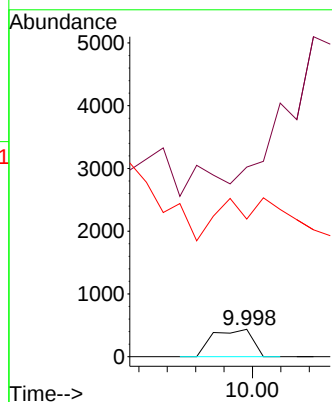
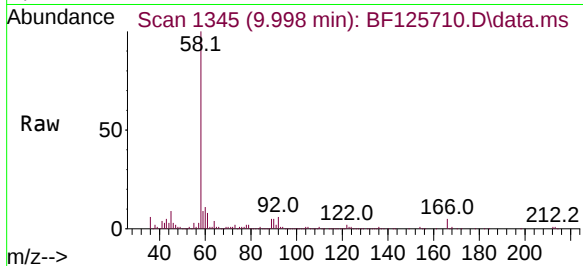




#54
2,4-Dinitrophenol
Concen: 4.671 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.023 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

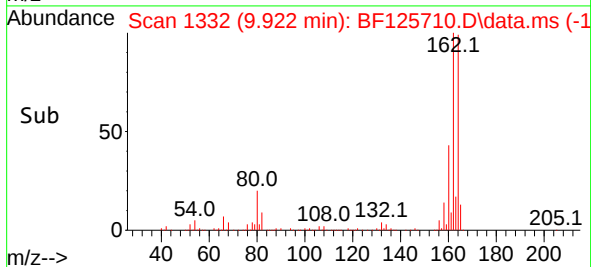
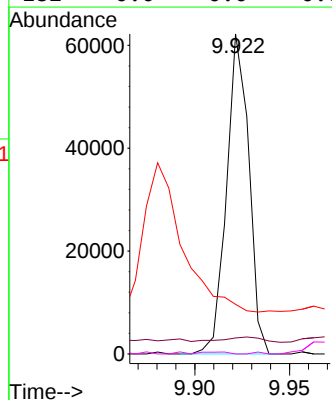
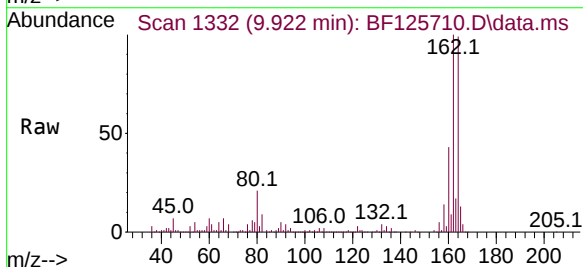
Instrument :
BNA_F
ClientSampleId :
EJ-1

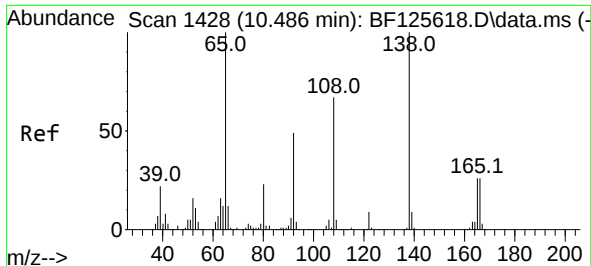
Tgt Ion:184 Resp: 422
Ion Ratio Lower Upper
184 100
63 694.9 59.3 88.9#
154 503.9 68.6 102.8#



#57
2,4-Dinitrotoluene
Concen: 11.635 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

Tgt Ion:165 Resp: 50871
Ion Ratio Lower Upper
165 100
63 5.0 40.9 61.3#
89 15.5 59.7 89.5#
182 0.0 0.0 0.0

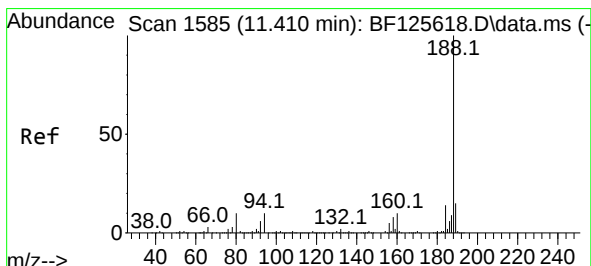
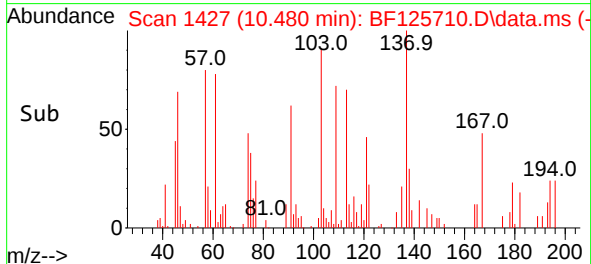
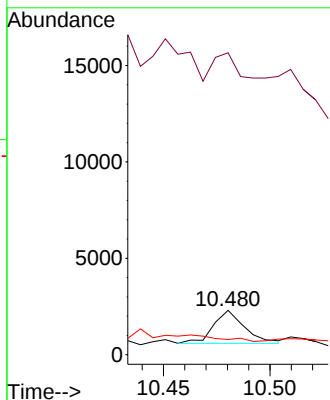
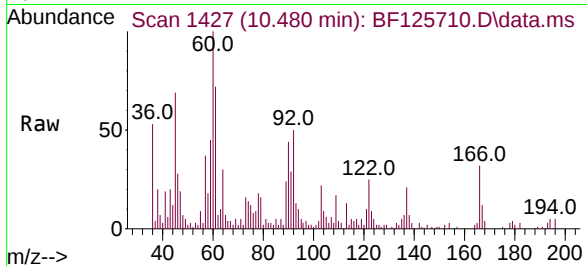




#62
4-Nitroaniline
Concen: 2.173 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

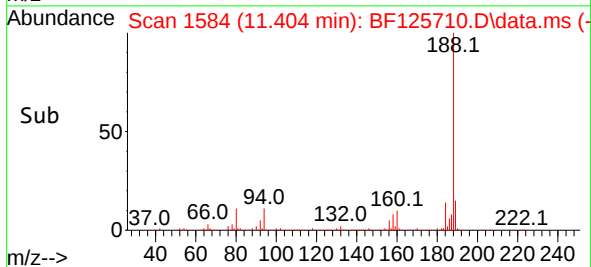
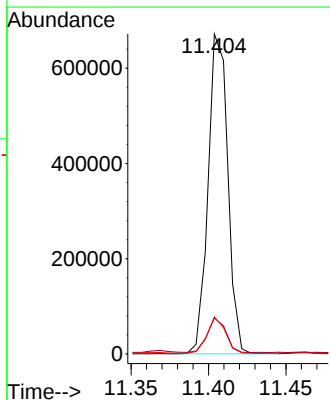
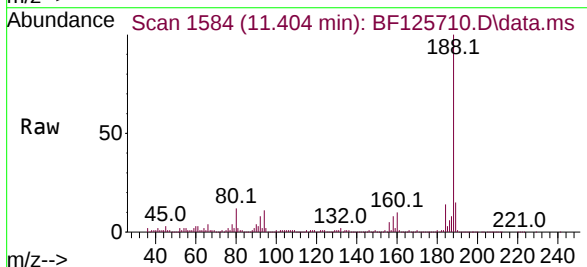
Instrument :
BNA_F
ClientSampleId :
EJ-1

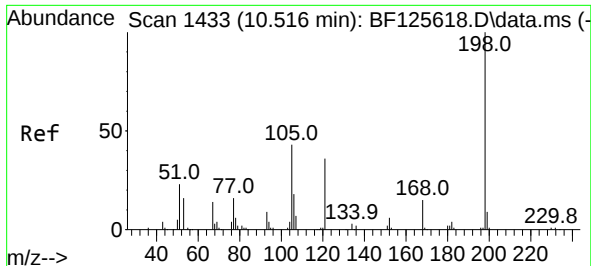
Tgt Ion:138 Resp: 1737
Ion Ratio Lower Upper
138 100
92 681.5 29.6 69.6#
108 34.4 78.1 118.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

Tgt Ion:188 Resp: 593830
Ion Ratio Lower Upper
188 100
94 11.2 6.7 10.1#
80 11.6 7.5 11.3#

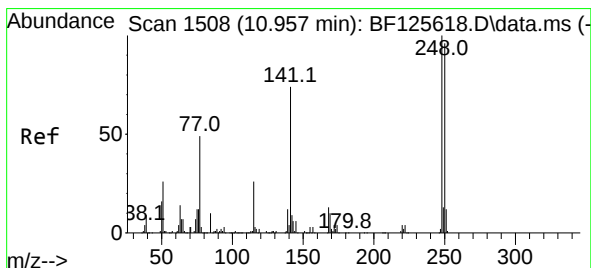
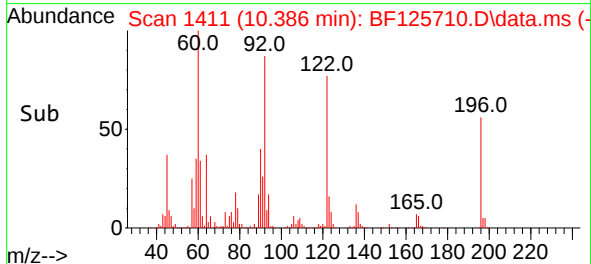
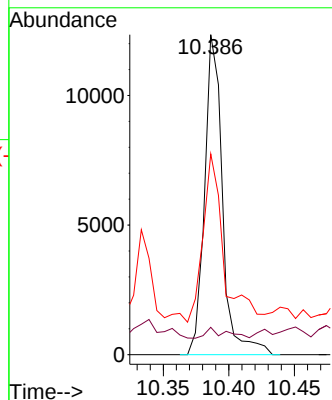
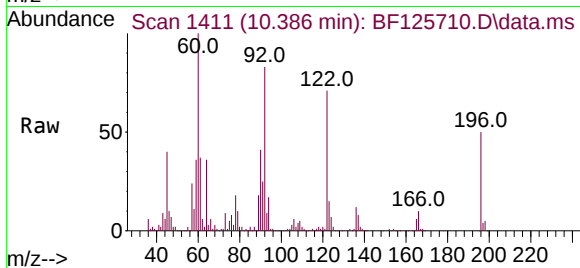




#65
4,6-Dinitro-2-methylphenol
Concen: 12.313 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.130 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

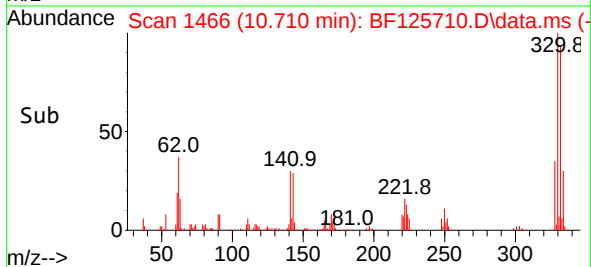
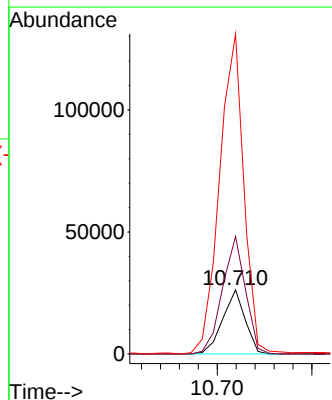
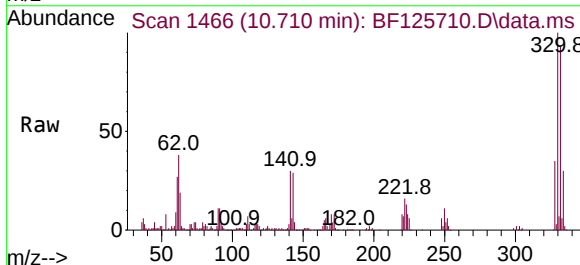
Instrument :
BNA_F
ClientSampleId :
EJ-1

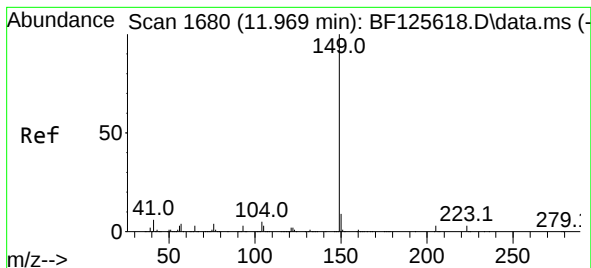
Tgt Ion:198 Resp: 11744
Ion Ratio Lower Upper
198 100
51 8.6 45.3 85.3#
105 62.8 30.6 70.6



#67
4-Bromophenyl-phenylether
Concen: 3.468 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

Tgt Ion:248 Resp: 21613
Ion Ratio Lower Upper
248 100
250 183.1 74.2 111.4#
141 499.1 60.4 90.6#

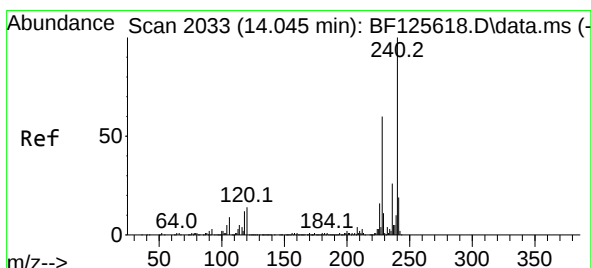
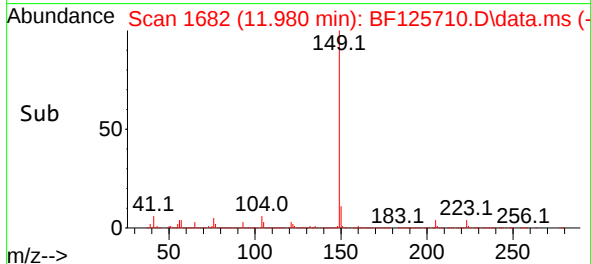
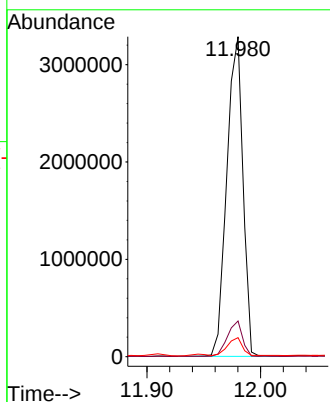
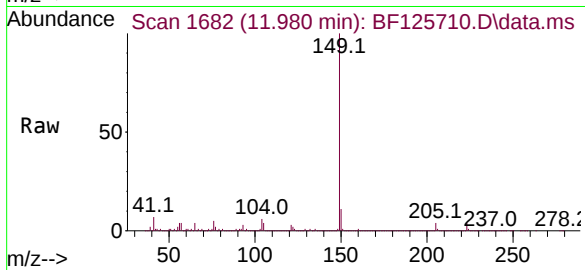




#74
Di-n-butylphthalate
Concen: 99.384 ng
RT: 11.980 min Scan# 1682
Delta R.T. 0.011 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

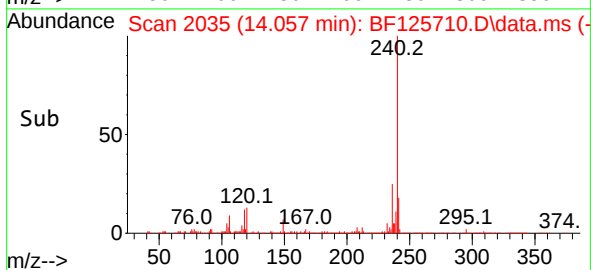
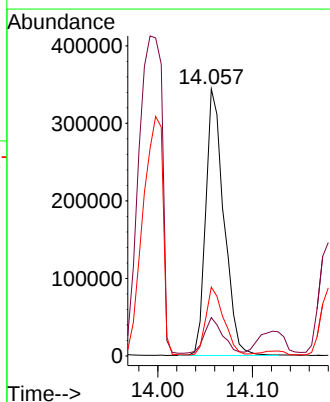
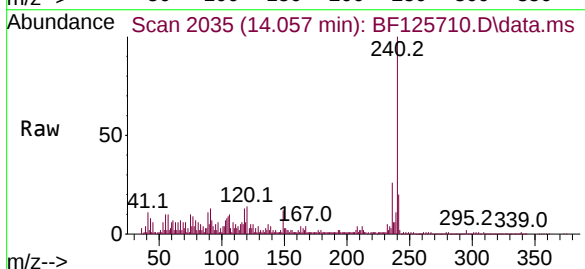
Instrument :
BNA_F
ClientSampleId :
EJ-1

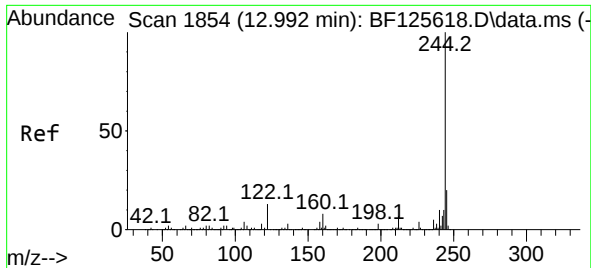
Tgt Ion:149 Resp: 3244660
Ion Ratio Lower Upper
149 100
150 11.2 7.4 11.2#
104 6.0 4.1 6.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

Tgt Ion:240 Resp: 456743
Ion Ratio Lower Upper
240 100
120 14.4 10.8 16.2
236 25.7 21.6 32.4

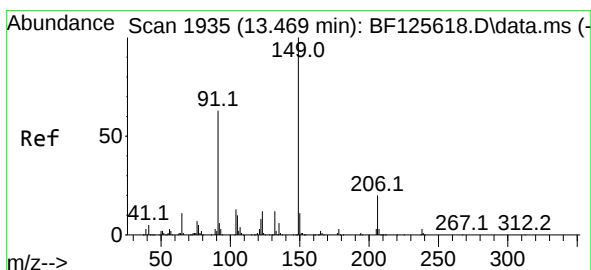
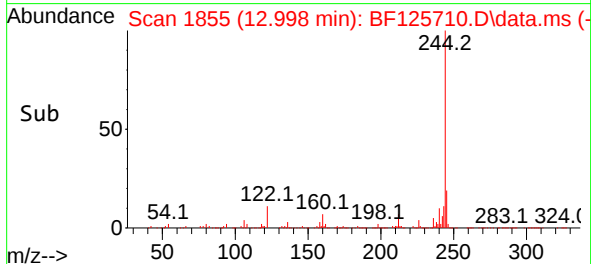
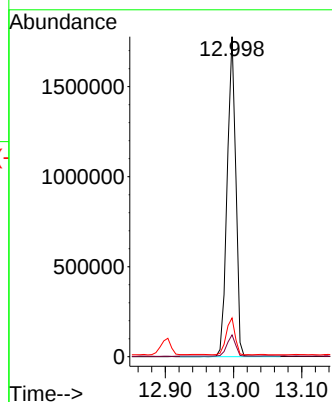
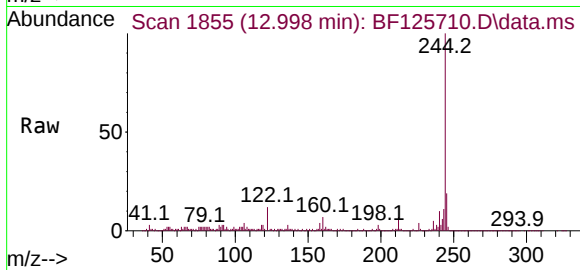




#79
Terphenyl-d14
Concen: 58.908 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

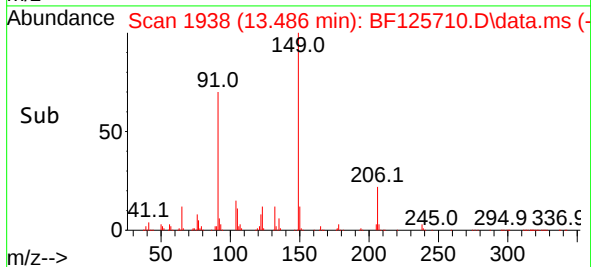
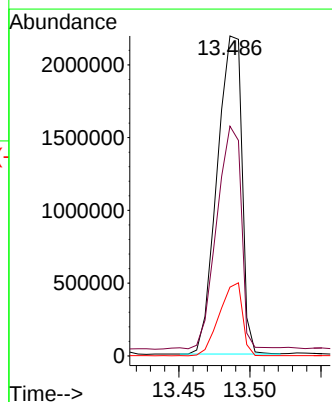
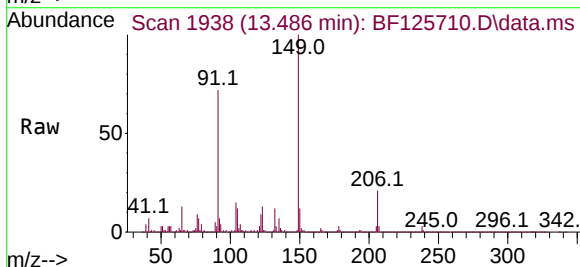
Instrument :
BNA_F
ClientSampleId :
EJ-1

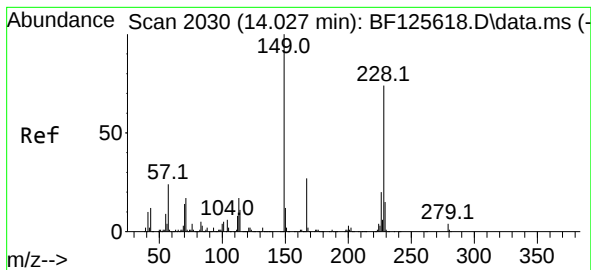
Tgt Ion:244 Resp: 1553680
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 12.1 9.0 13.4



#80
Butylbenzylphthalate
Concen: 193.730 ng
RT: 13.486 min Scan# 1938
Delta R.T. 0.017 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

Tgt Ion:149 Resp: 2648101
Ion Ratio Lower Upper
149 100
91 71.8 51.8 77.8
206 21.5 14.5 21.7

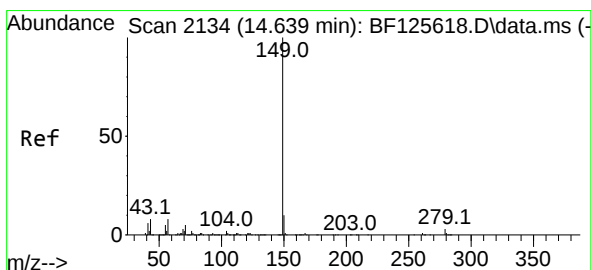
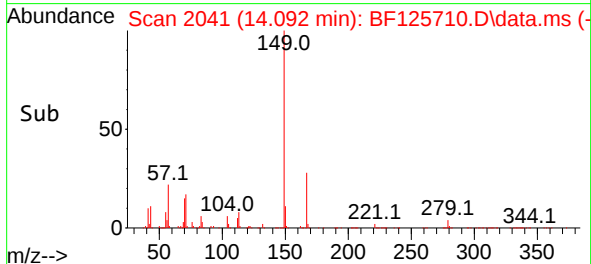
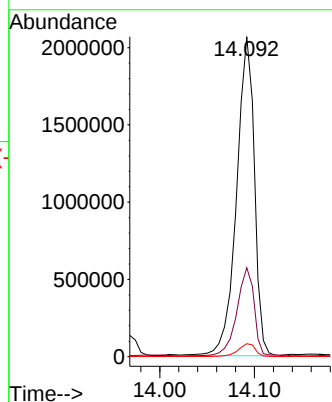
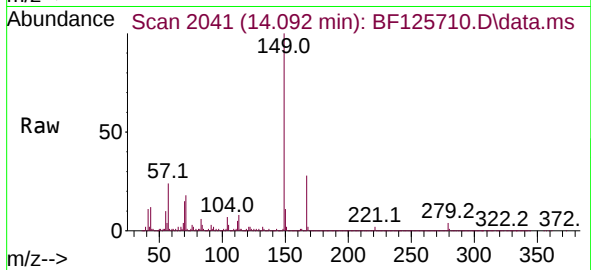




#84
Bis(2-ethylhexyl)phthalate
Concen: 172.545 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.065 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

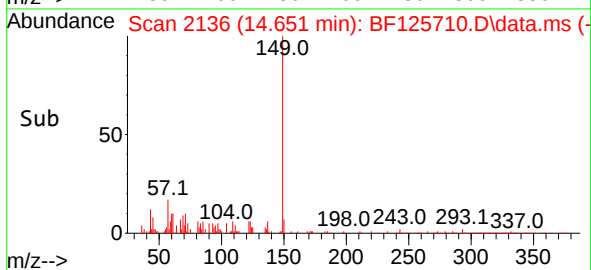
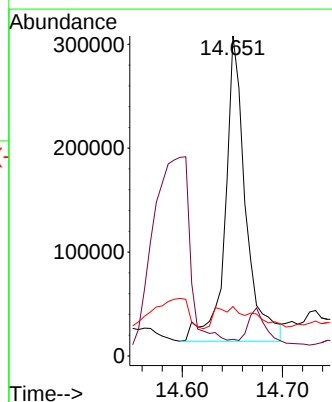
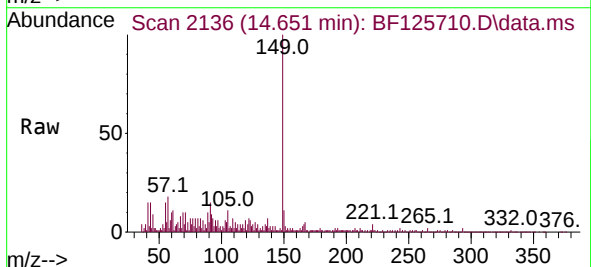
Instrument :
BNA_F
ClientSampled :
EJ-1

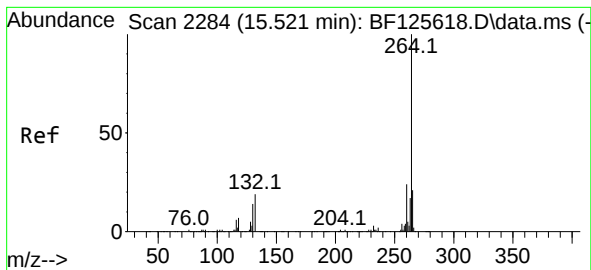
Tgt Ion:149 Resp: 2699973
Ion Ratio Lower Upper
149 100
167 27.8 21.4 32.0
279 4.1 2.6 4.0#



#85
Di-n-octyl phthalate
Concen: 18.003 ng
RT: 14.651 min Scan# 2136
Delta R.T. 0.012 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

Tgt Ion:149 Resp: 413174
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 16.9 9.9 14.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. 0.018 min
Lab File: BF125710.D
Acq: 29 Sep 2021 14:23

Instrument :
BNA_F
ClientSampleId :
EJ-1

Tgt Ion:264 Resp: 353001

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.5	17.2	25.8

