

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
 Data File : BF125718.D
 Acq On : 29 Sep 2021 20:24
 Operator : JU/CG
 Sample : M3964-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-14

Quant Time: Sep 30 03:28:31 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)

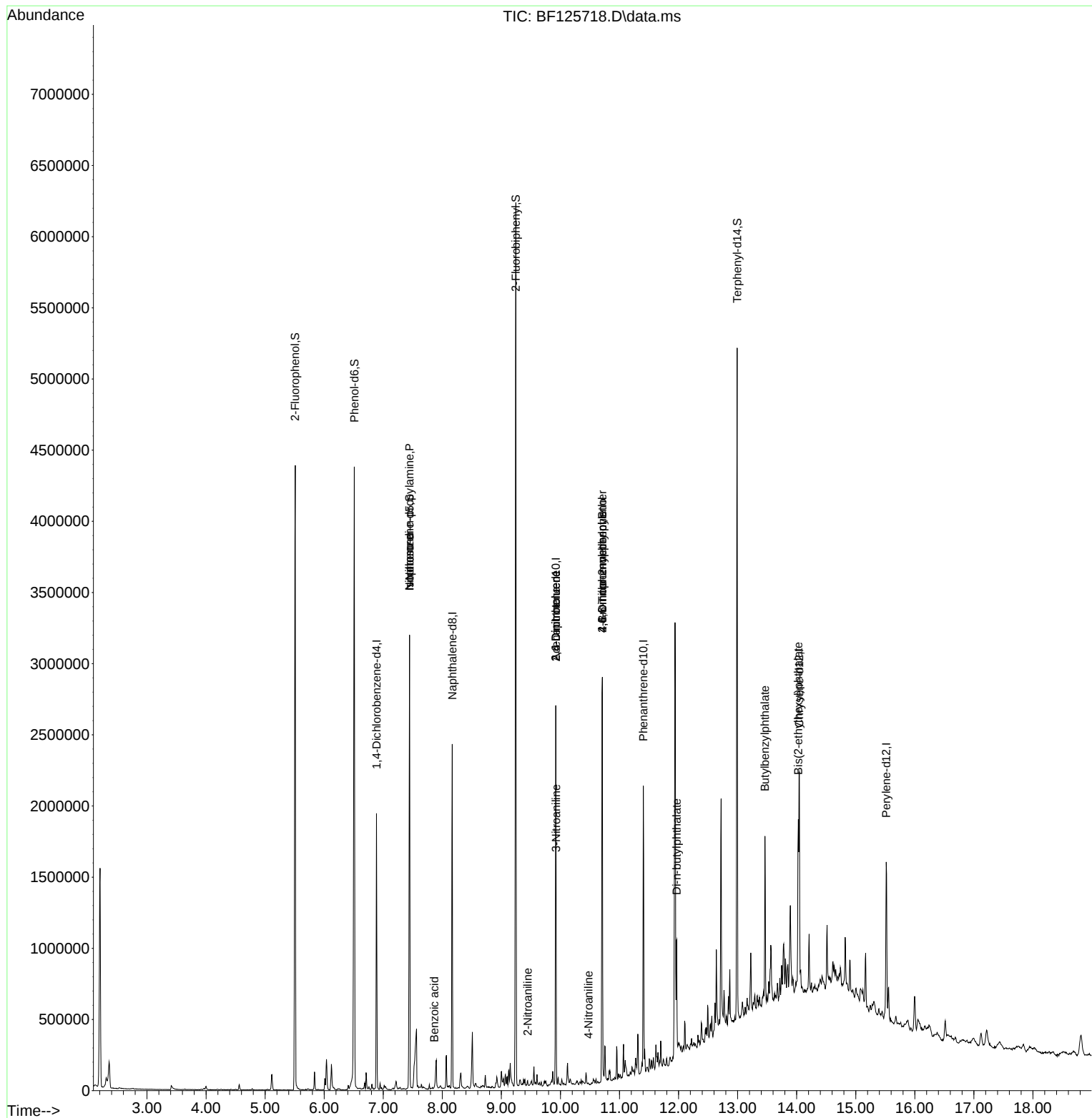
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	261437	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1039322	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	497957	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	715322	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	537805	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	509790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1409450	88.823	ng	0.00
7) Phenol-d6	6.510	99	1725061	80.862	ng	0.00
23) Nitrobenzene-d5	7.445	82	1013200	67.997	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	397031	85.515	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1942944	67.328	ng	0.00
79) Terphenyl-d14	12.992	244	1555185	50.078	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	1101	Below Cal		89
19) n-Nitroso-di-n-propyla...	7.445	70	126628	10.425 ng	#	50
25) Isophorone	7.445	82	1011387	30.308 ng	#	59
32) Benzoic acid	7.863	122	4173	8.943 ng		86
48) 2-Nitroaniline	9.445	65	1143	4.303 ng	#	19
51) 2,6-Dinitrotoluene	9.922	165	63772	12.648 ng	#	28
53) 3-Nitroaniline	9.928	138	240	3.172 ng	#	1
57) 2,4-Dinitrotoluene	9.922	165	63772	11.536 ng	#	20
62) 4-Nitroaniline	10.475	138	1509	2.085 ng	#	10
65) 4,6-Dinitro-2-methylph...	10.710	198	908	9.225 ng	#	1
67) 4-Bromophenyl-phenylether	10.710	248	22069	2.940 ng	#	1
74) Di-n-butylphthalate	11.969	149	377842	9.608 ng	#	99
80) Butylbenzylphthalate	13.463	149	281550	17.493 ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	359689	19.522 ng	#	98

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

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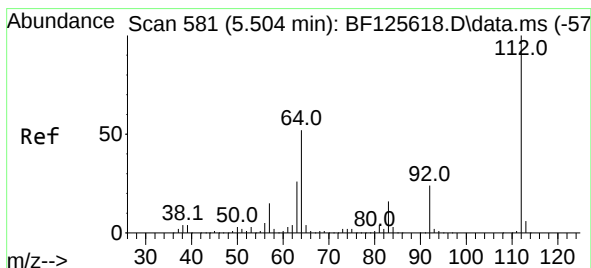
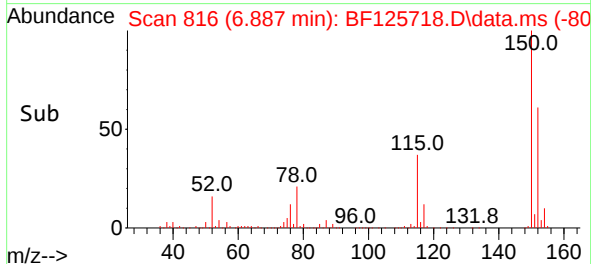
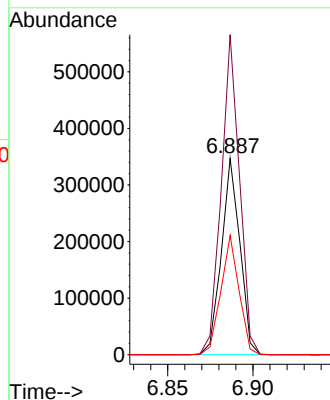
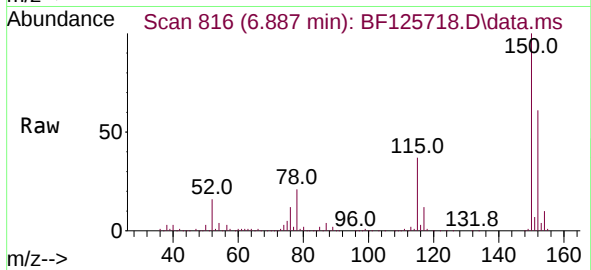




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

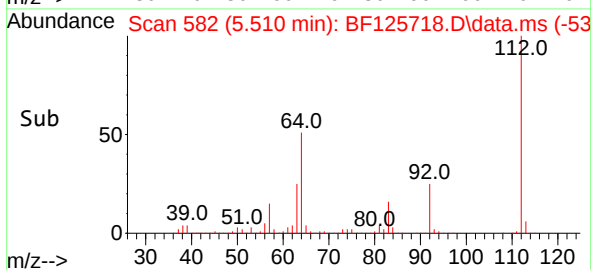
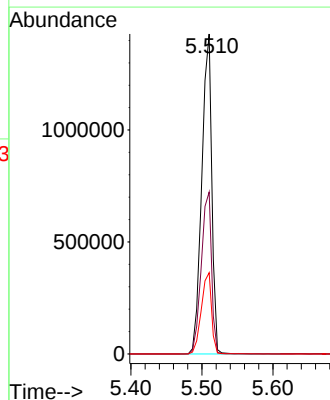
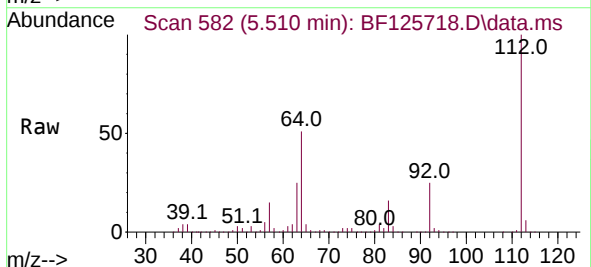
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BNA_F
ClientSampleId :
CC-14

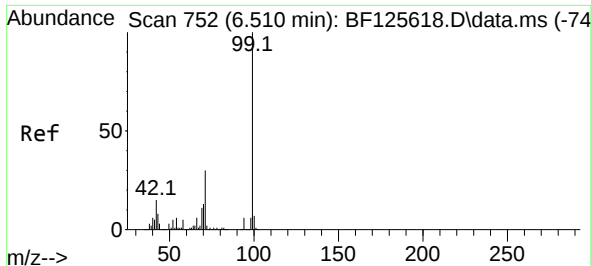
Tgt Ion:152 Resp: 261437
Ion Ratio Lower Upper
152 100
150 162.9 117.6 176.4
115 60.7 47.1 70.7



#5
2-Fluorophenol
Concen: 88.823 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

Tgt Ion:112 Resp: 1409450
Ion Ratio Lower Upper
112 100
64 50.6 44.2 66.2
63 25.4 26.2 39.2#

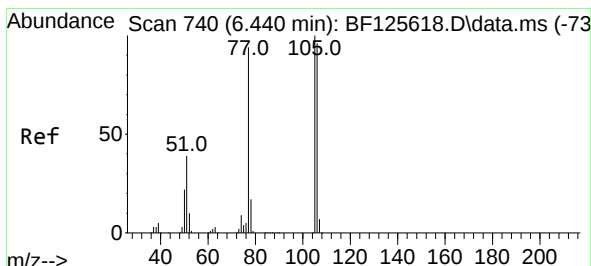
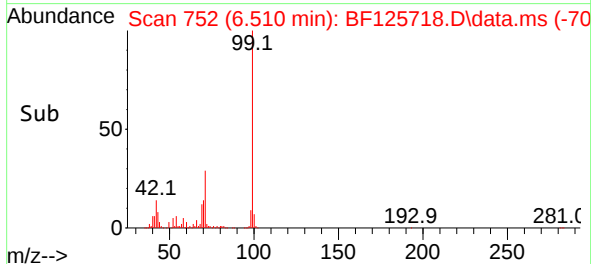
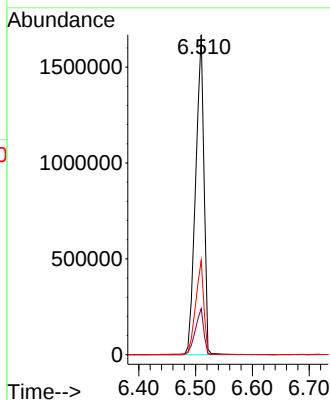
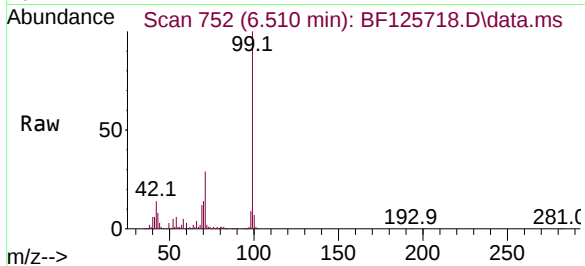




#7
Phenol-d6
Concen: 80.862 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

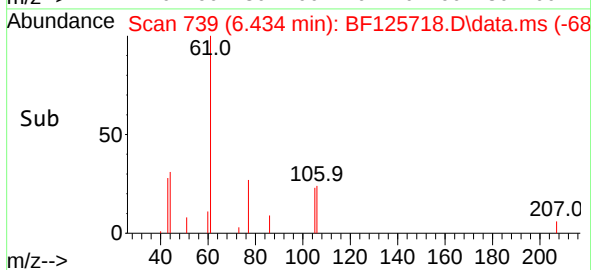
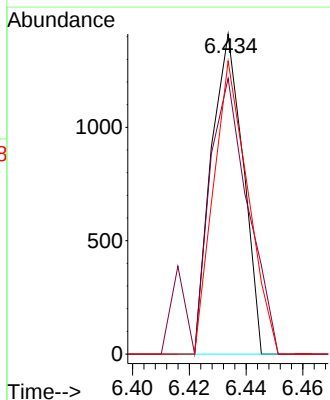
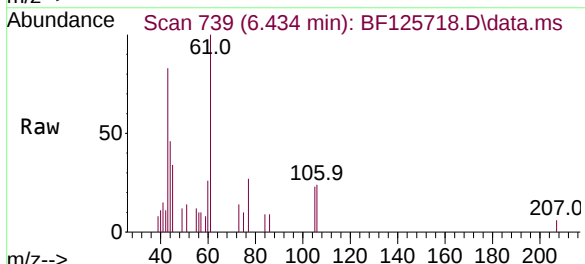
Instrument :
BNA_F
ClientSampleId :
CC-14

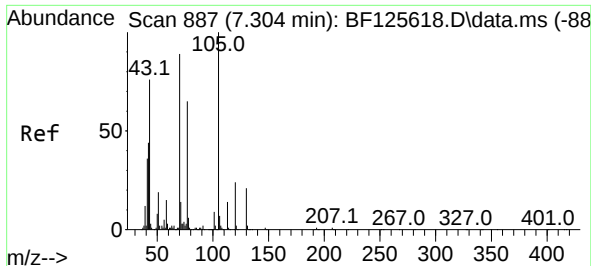
Tgt Ion: 99 Resp: 1725061
Ion Ratio Lower Upper
99 100
42 14.4 23.5 35.3#
71 29.5 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

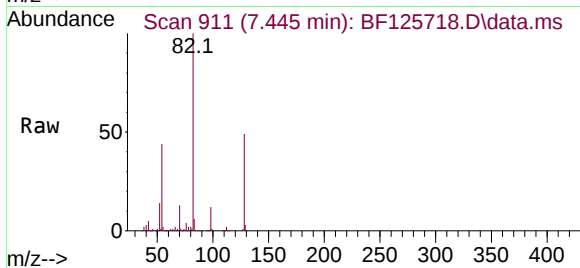
Tgt Ion: 77 Resp: 1101
Ion Ratio Lower Upper
77 100
105 86.1 75.9 115.9
106 91.6 84.0 124.0



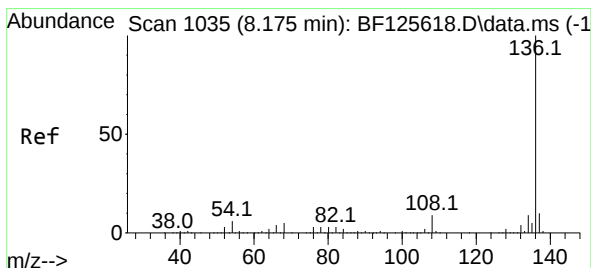
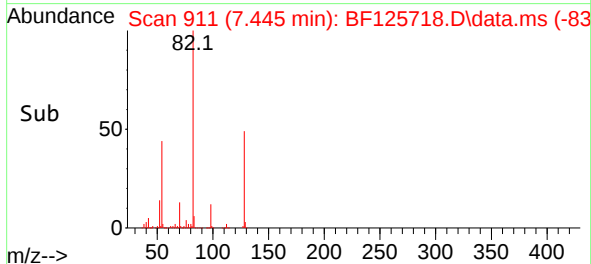
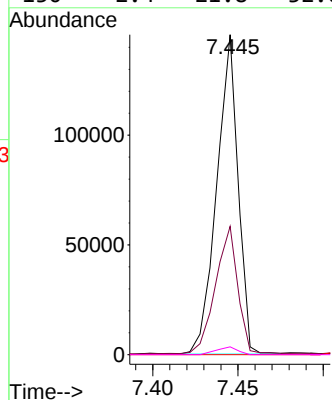


#19
n-Nitroso-di-n-propylamine
Concen: 10.425 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

Instrument :
BNA_F
ClientSampled :
CC-14

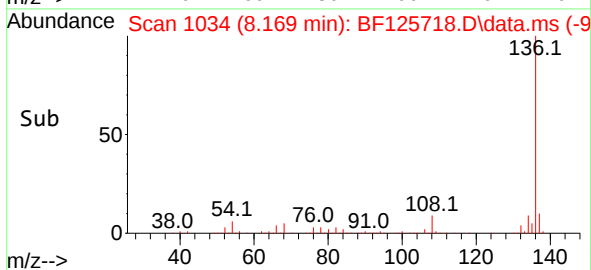
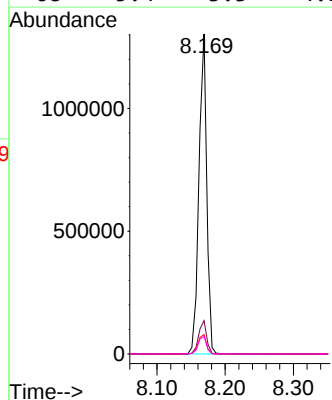
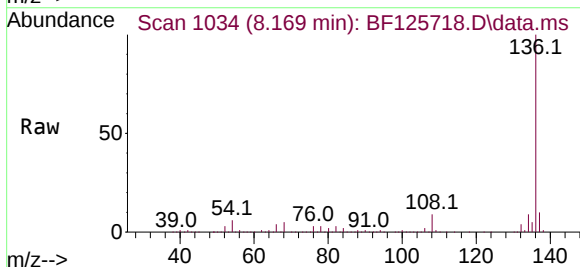


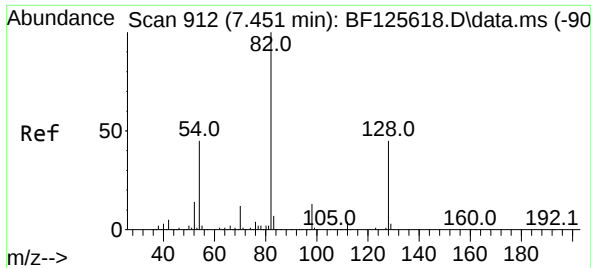
Tgt Ion: 70 Resp: 126628
Ion Ratio Lower Upper
70 100
42 40.1 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

Tgt Ion: 136 Resp: 1039322
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 6.0 6.4 9.6#
68 5.4 3.3 4.9#

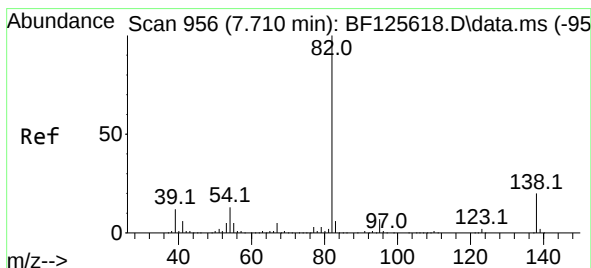
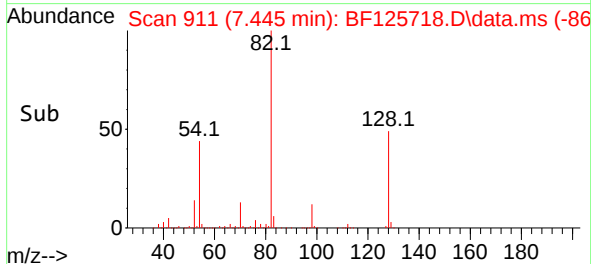
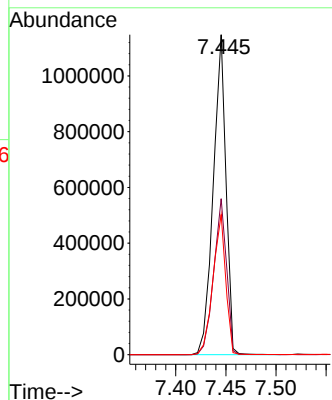
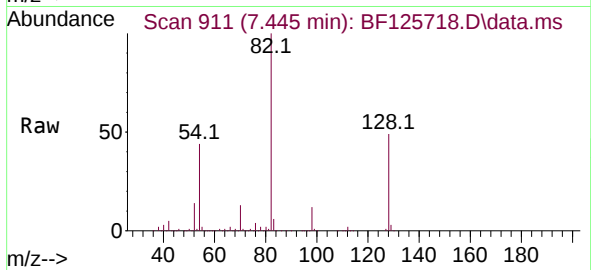




#23
Nitrobenzene-d5
Concen: 67.997 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

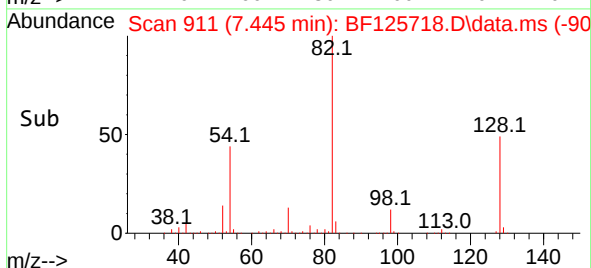
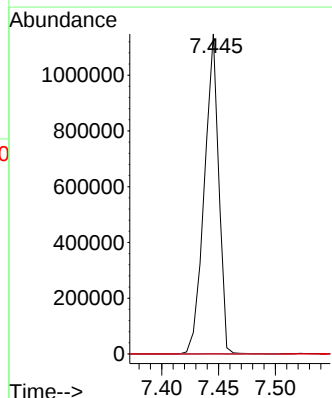
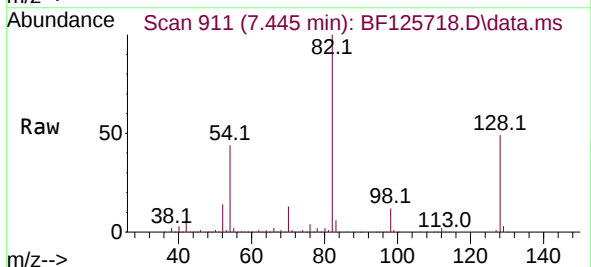
Instrument :
BNA_F
ClientSampleId :
CC-14

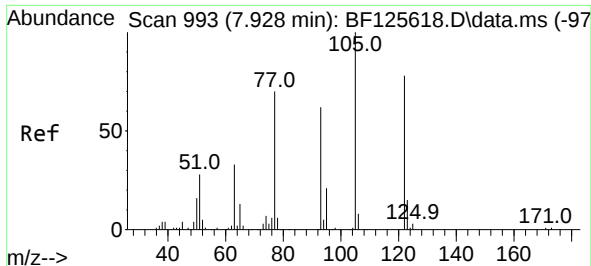
Tgt Ion: 82 Resp: 1013200
Ion Ratio Lower Upper
82 100
128 48.8 40.6 60.8
54 43.8 49.6 74.4#



#25
Isophorone
Concen: 30.308 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

Tgt Ion: 82 Resp: 1011387
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

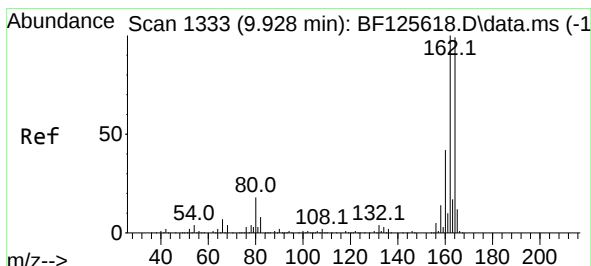
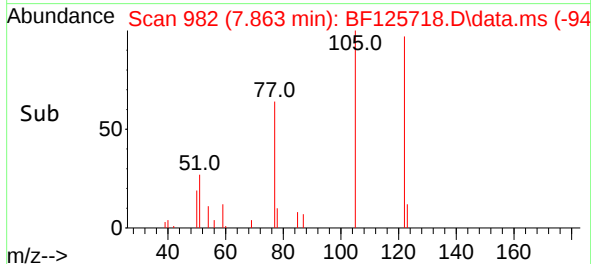
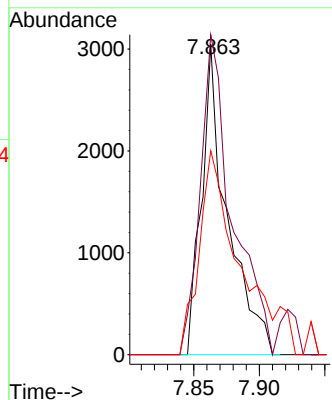
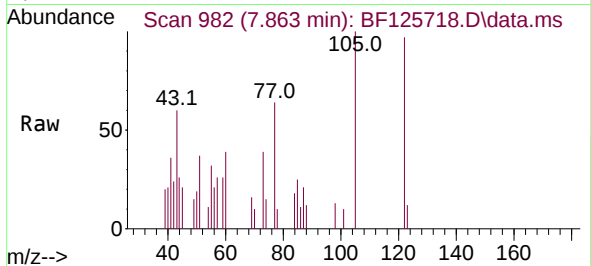




#32
Benzoic acid
Concen: 8.943 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.065 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

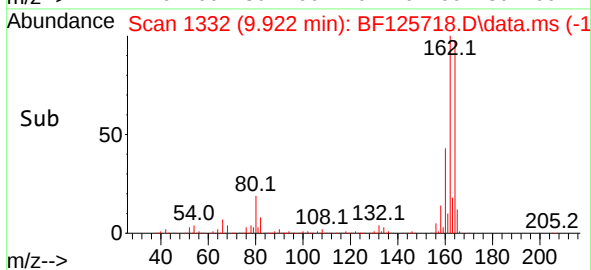
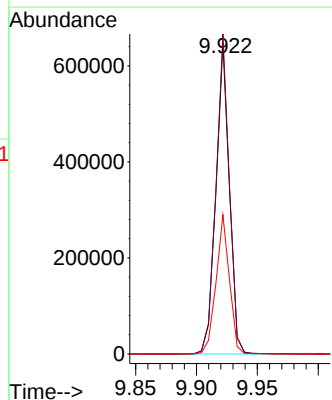
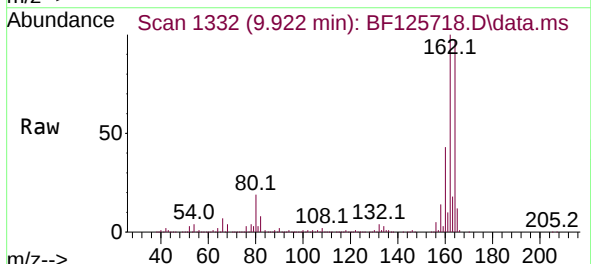
Instrument :
BNA_F
ClientSampled :
CC-14

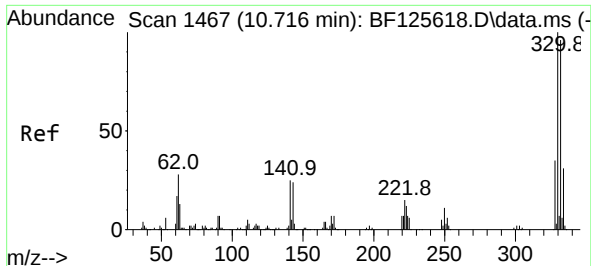
Tgt Ion:122 Resp: 4173
Ion Ratio Lower Upper
122 100
105 103.1 97.6 137.6
77 65.7 59.6 99.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

Tgt Ion:164 Resp: 497957
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 44.7 38.0 57.0

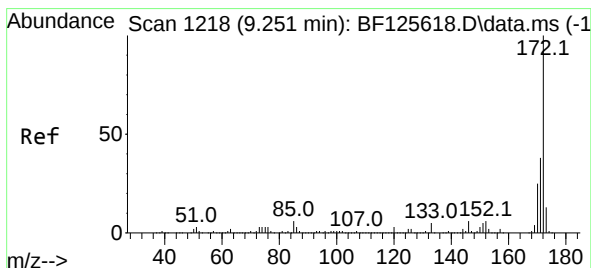
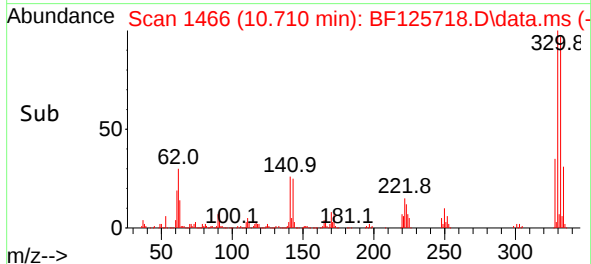
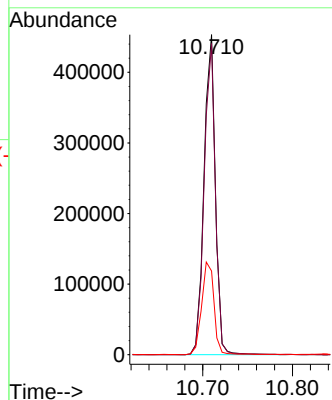
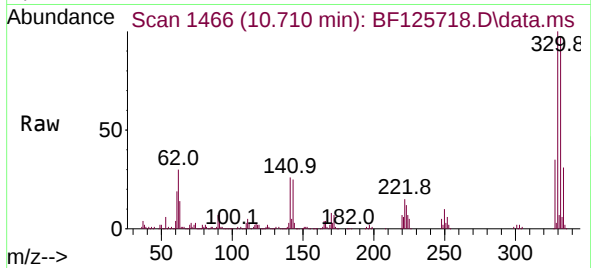




#42
2,4,6-Tribromophenol
Concen: 85.515 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

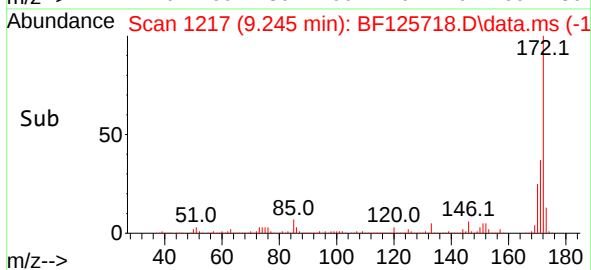
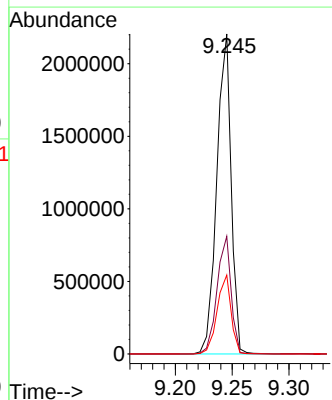
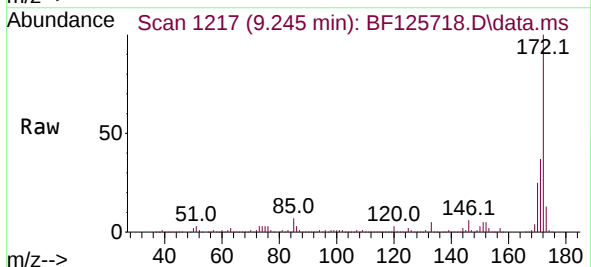
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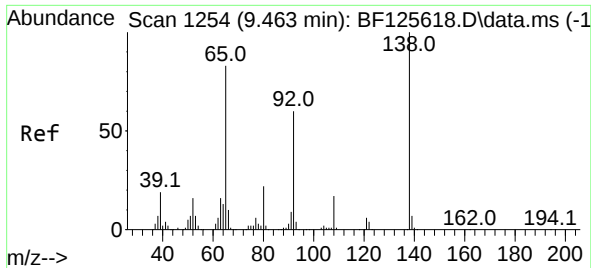
Tgt Ion:330 Resp: 397031
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 31.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 67.328 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

Tgt Ion:172 Resp: 1942944
Ion Ratio Lower Upper
172 100
171 36.7 26.5 39.7
170 24.7 18.8 28.2

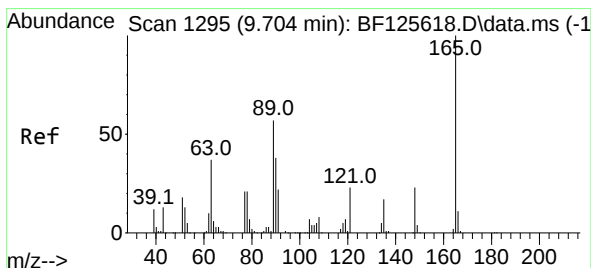
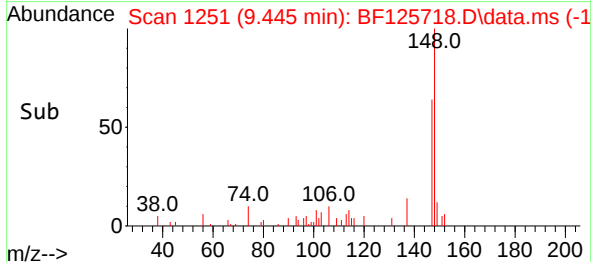
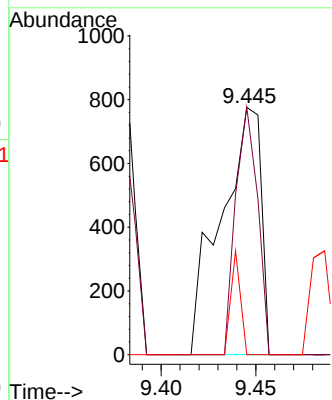
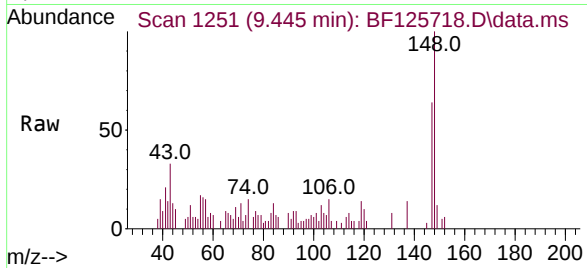




#48
2-Nitroaniline
Concen: 4.303 ng
RT: 9.445 min Scan# 1251
Delta R.T. -0.018 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

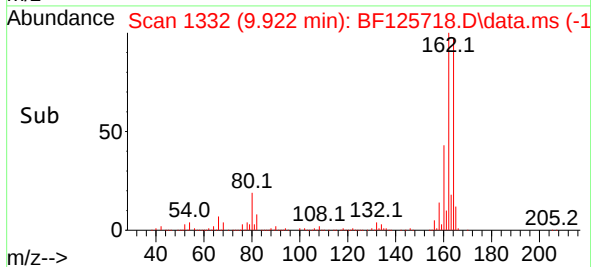
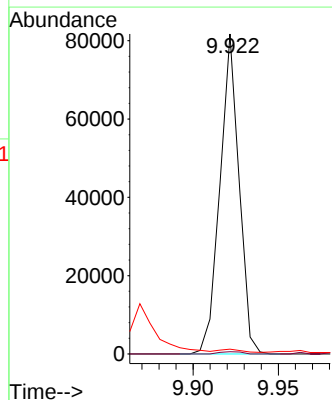
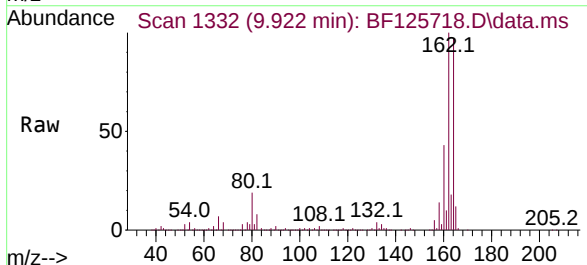
Instrument :
BNA_F
ClientSampled :
CC-14

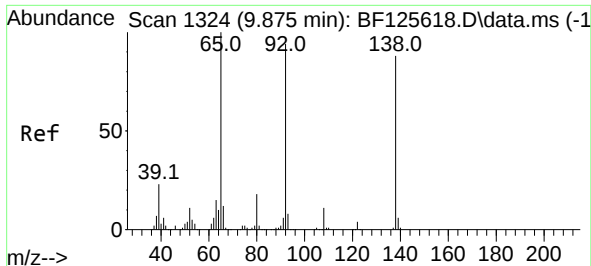
Tgt Ion: 65 Resp: 1143
Ion Ratio Lower Upper
65 100
92 100.1 55.5 83.3#
138 0.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.648 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

Tgt Ion:165 Resp: 63772
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 1.5 40.6 60.8#

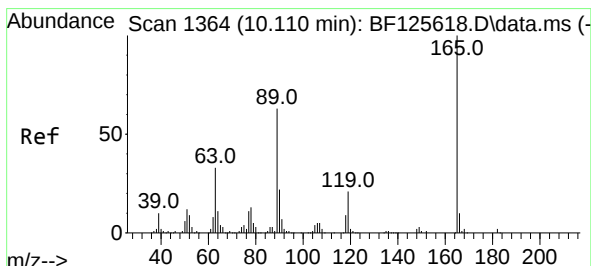
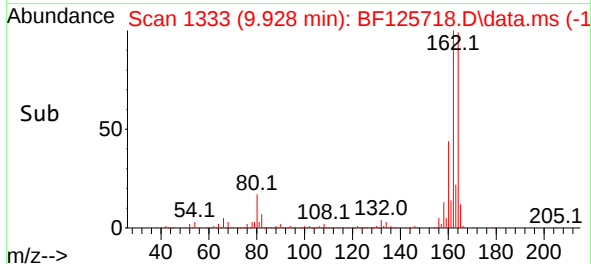
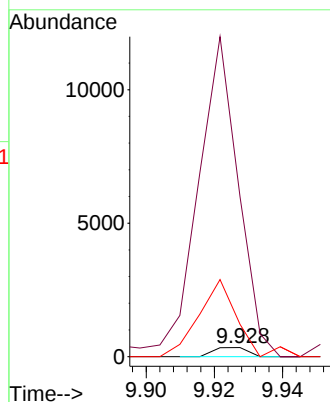
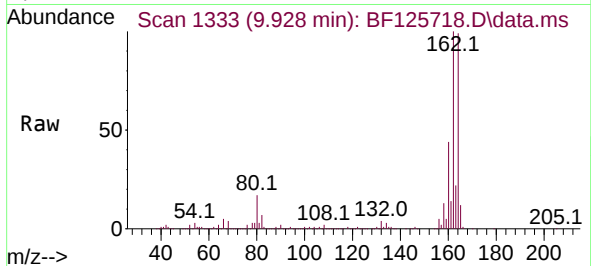




#53
3-Nitroaniline
Concen: 3.172 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.053 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

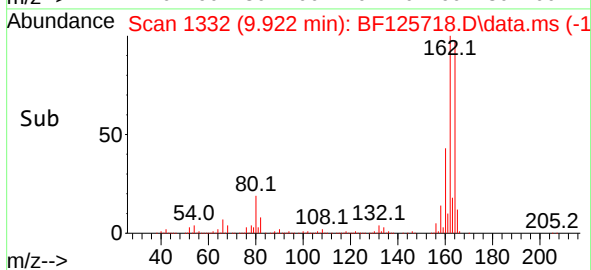
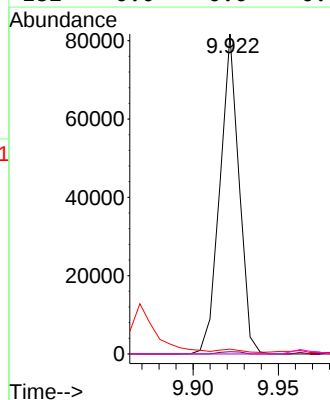
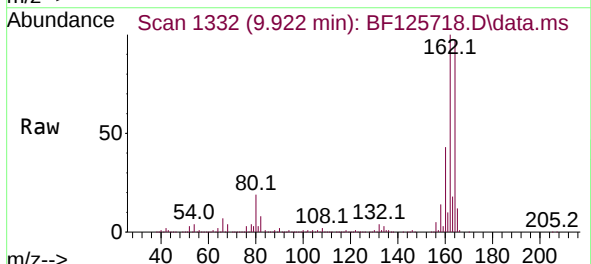
Instrument :
BNA_F
ClientSampleId :
CC-14

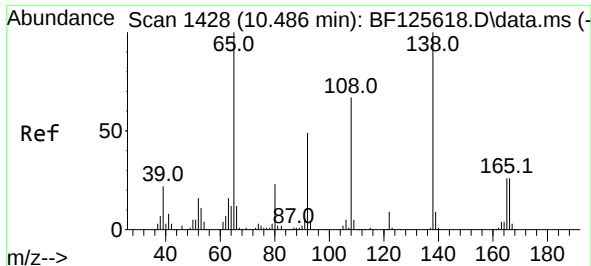
Tgt Ion:138 Resp: 240
Ion Ratio Lower Upper
138 100
108 1745.8 9.3 13.9#
92 353.1 76.5 114.7#



#57
2,4-Dinitrotoluene
Concen: 11.536 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

Tgt Ion:165 Resp: 63772
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 1.5 59.7 89.5#
182 0.0 0.0 0.0

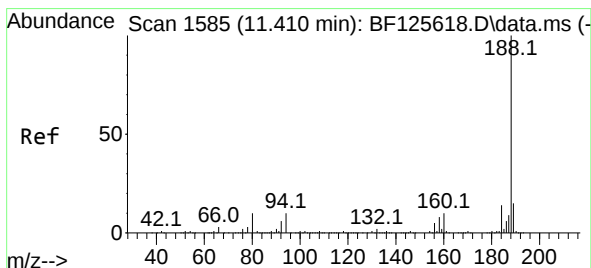
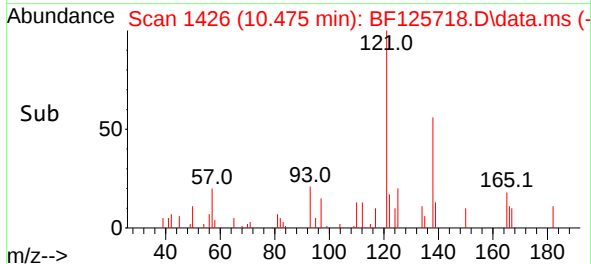
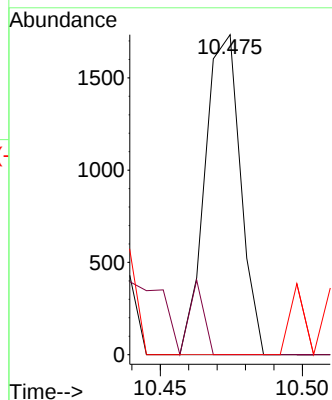
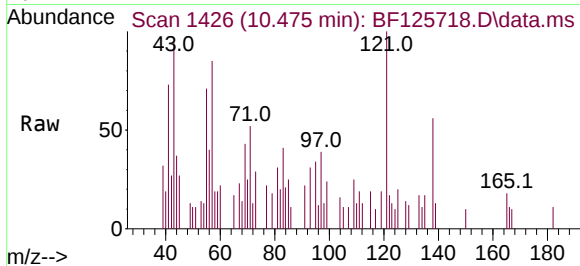




#62
4-Nitroaniline
Concen: 2.085 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.011 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

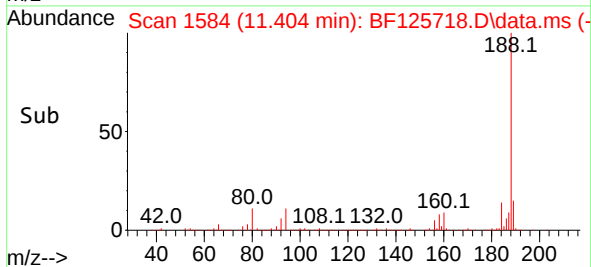
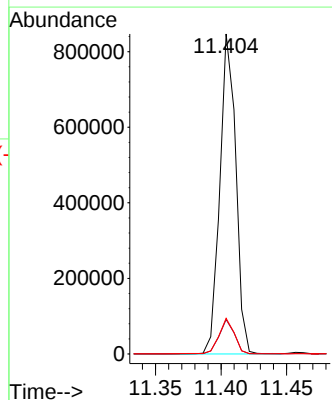
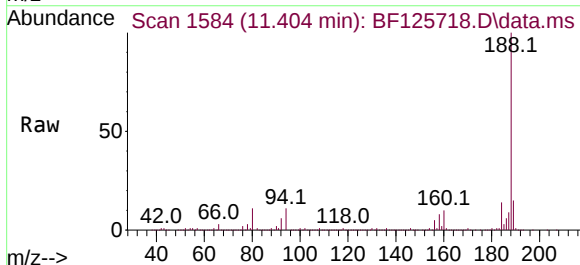
Instrument :
BNA_F
ClientSampled :
CC-14

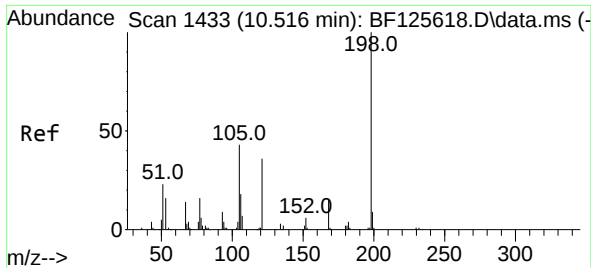
Tgt Ion:138 Resp: 1509
Ion Ratio Lower Upper
138 100
92 0.0 29.6 69.6#
108 0.0 78.1 118.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

Tgt Ion:188 Resp: 715322
Ion Ratio Lower Upper
188 100
94 10.8 6.7 10.1#
80 11.1 7.5 11.3

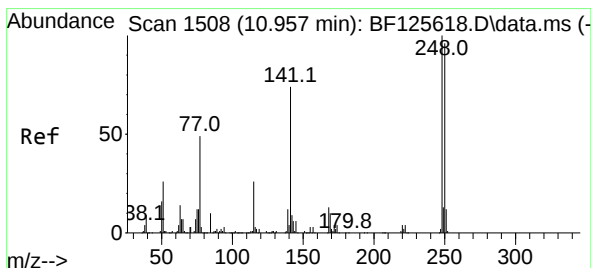
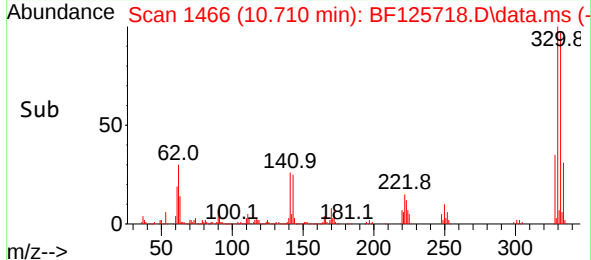
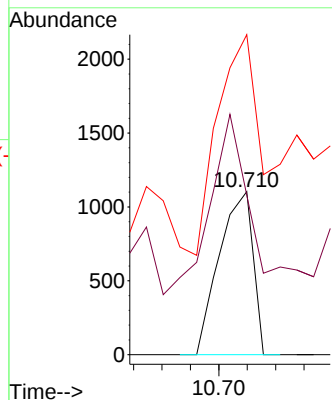
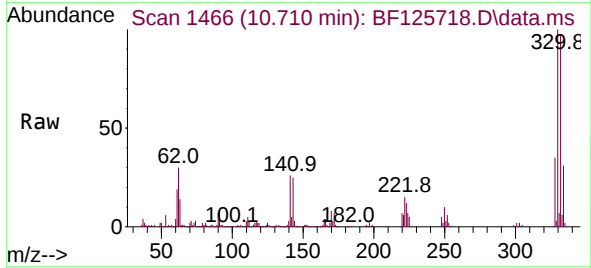




#65
4,6-Dinitro-2-methylphenol
Concen: 9.225 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

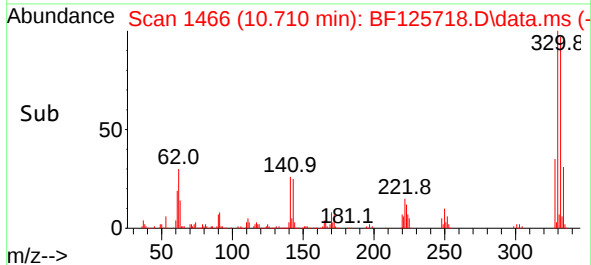
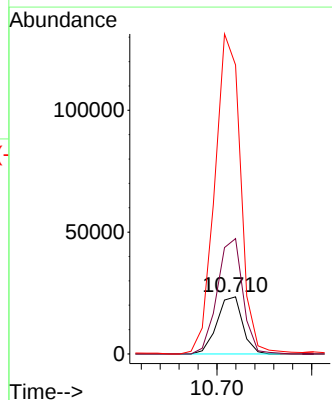
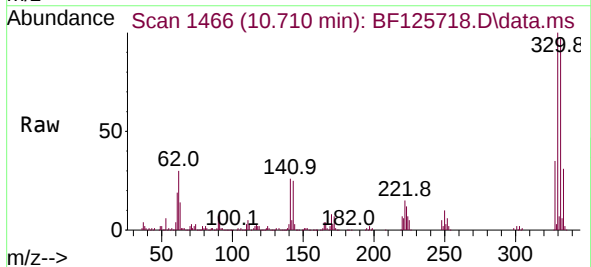
Instrument :
BNA_F
ClientSampled :
CC-14

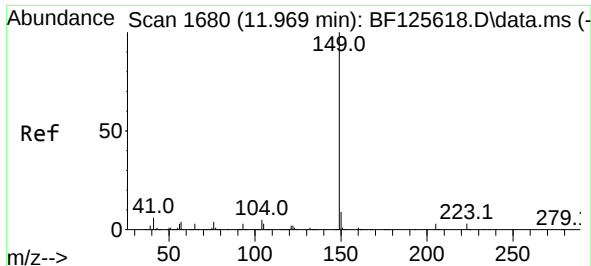
Tgt Ion:198 Resp: 908
Ion Ratio Lower Upper
198 100
51 97.8 45.3 85.3#
105 196.2 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 2.940 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

Tgt Ion:248 Resp: 22069
Ion Ratio Lower Upper
248 100
250 202.1 74.2 111.4#
141 506.4 60.4 90.6#

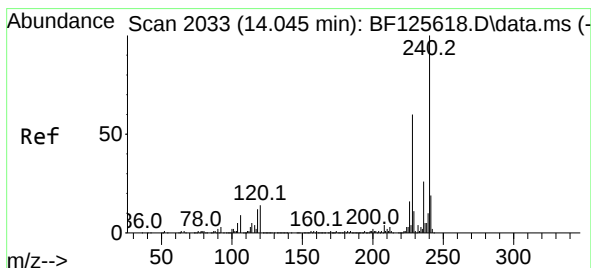
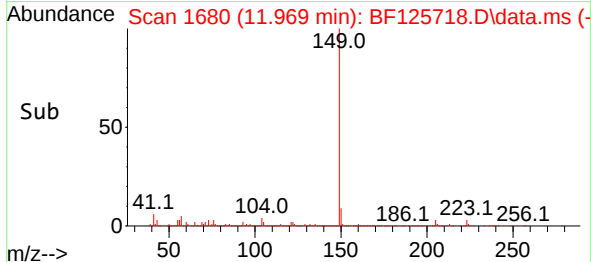
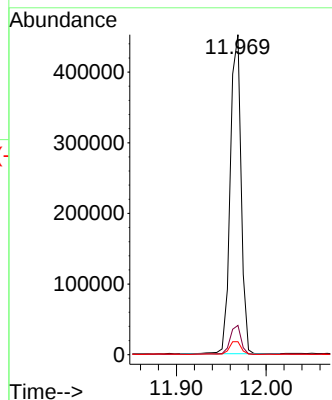
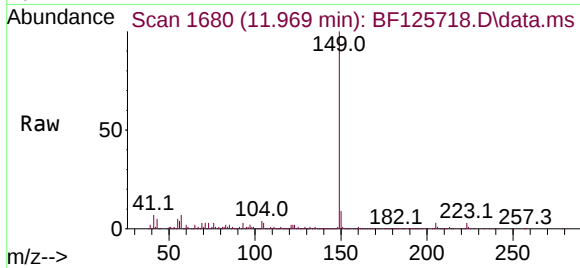




#74
Di-n-butylphthalate
Concen: 9.608 ng
RT: 11.969 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

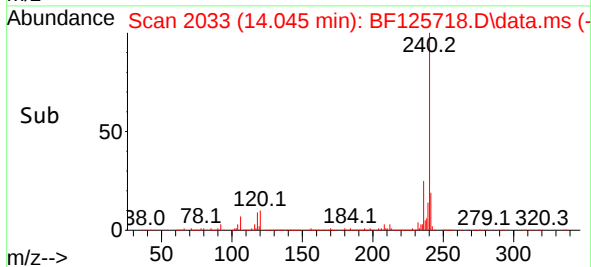
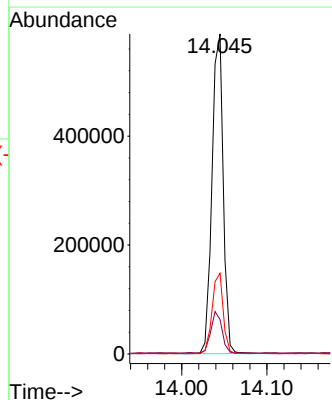
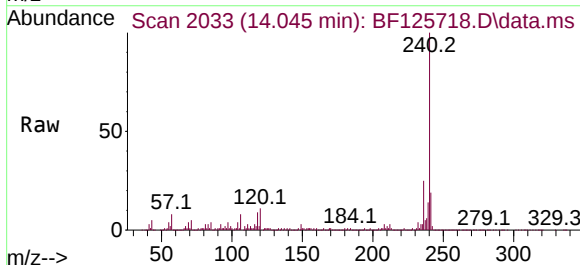
Instrument :
BNA_F
ClientSampleId :
CC-14

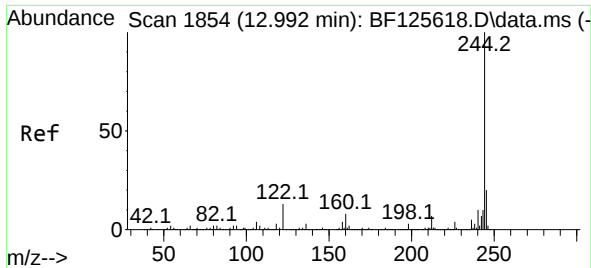
Tgt Ion:149 Resp: 377842
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.1 4.1 6.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

Tgt Ion:240 Resp: 537805
Ion Ratio Lower Upper
240 100
120 10.8 10.8 16.2#
236 25.2 21.6 32.4

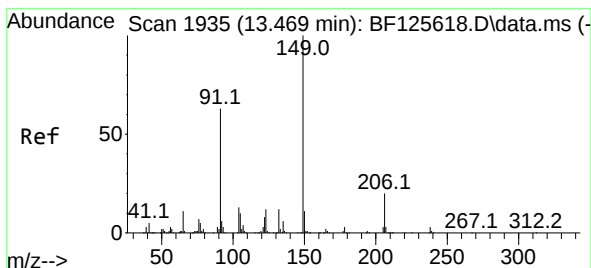
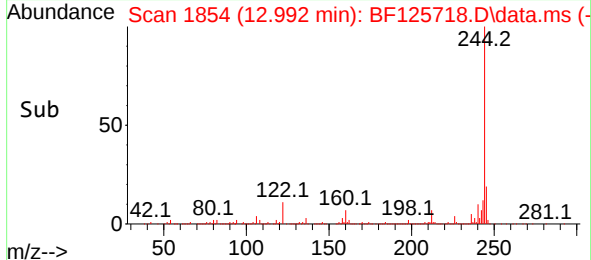
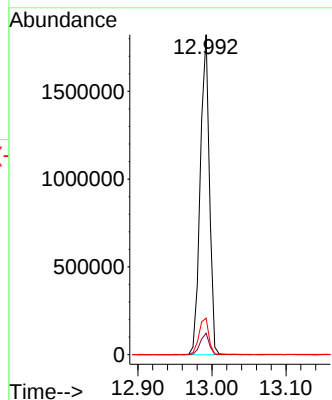
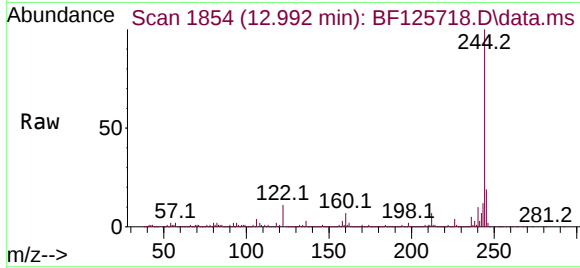




#79
Terphenyl-d14
Concen: 50.078 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

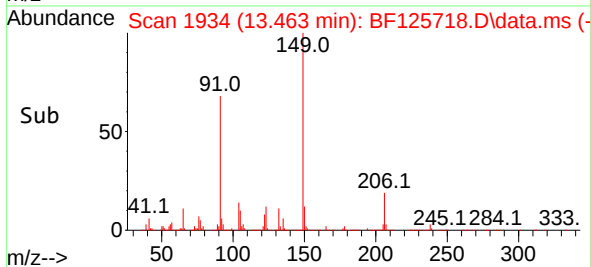
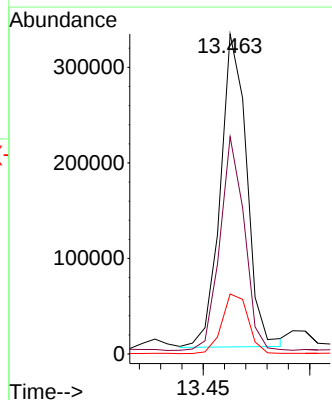
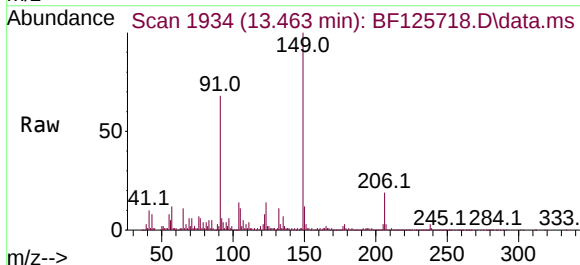
Instrument :
BNA_F
ClientSampleId :
CC-14

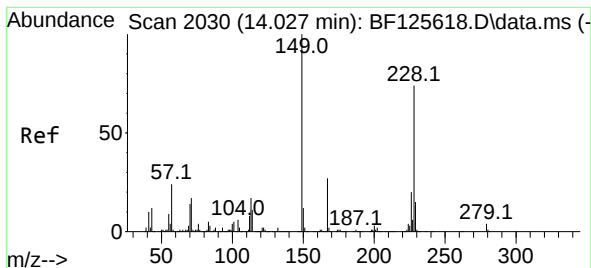
Tgt Ion:244 Resp: 1555185
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 11.4 9.0 13.4



#80
Butylbenzylphthalate
Concen: 17.493 ng
RT: 13.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

Tgt Ion:149 Resp: 281550
Ion Ratio Lower Upper
149 100
91 67.9 51.8 77.8
206 18.8 14.5 21.7

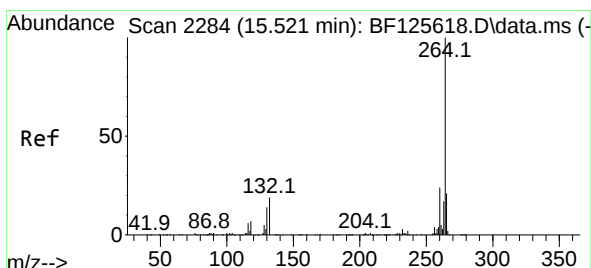
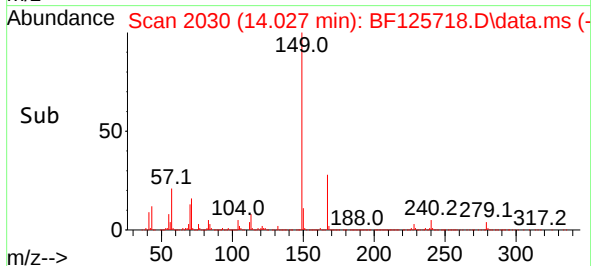
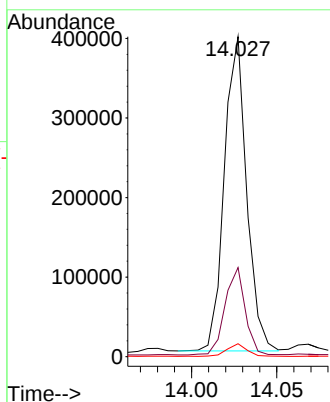
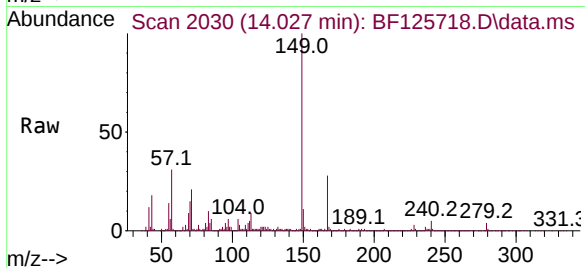




#84
Bis(2-ethylhexyl)phthalate
Concen: 19.522 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

Instrument :
BNA_F
ClientSampleId :
CC-14

Tgt Ion:149 Resp: 359689
Ion Ratio Lower Upper
149 100
167 27.9 21.4 32.0
279 4.1 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125718.D
Acq: 29 Sep 2021 20:24

Tgt Ion:264 Resp: 509790
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 21.4 17.2 25.8

