

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
 Data File : BF125716.D
 Acq On : 29 Sep 2021 19:22
 Operator : JU/CG
 Sample : M3964-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-20

Quant Time: Sep 30 03:28:07 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	250046	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	991706	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	480354	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	714965	20.000	ng	0.00
76) Chrysene-d12	14.039	240	548148	20.000	ng	0.00
86) Perylene-d12	15.515	264	510461	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1185234	78.096	ng	0.00
7) Phenol-d6	6.510	99	1415329	69.366	ng	0.00
23) Nitrobenzene-d5	7.445	82	816252	57.410	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	313793	70.064	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1534931	52.264	ng	0.00
79) Terphenyl-d14	12.992	244	1401780	44.286	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.528	42	73193	11.547	ng	# 13
9) Benzaldehyde	6.416	77	5692	Below Cal		# 1
19) n-Nitroso-di-n-propyla...	7.445	70	100975	8.692	ng	# 51
25) Isophorone	7.445	82	816244	25.634	ng	# 59
26) 2-Nitrophenol	7.781	139	603	5.804	ng	# 85
48) 2-Nitroaniline	9.380	65	143	4.176	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	62653	12.805	ng	# 27
53) 3-Nitroaniline	9.969	138	264	3.176	ng	# 9
57) 2,4-Dinitrotoluene	9.922	165	62654	11.660	ng	# 19
62) 4-Nitroaniline	10.475	138	972	2.022	ng	# 10
65) 4,6-Dinitro-2-methylph...	10.704	198	593	9.152	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	17542	2.338	ng	# 1
74) Di-n-butylphthalate	11.963	149	398896	10.148	ng	99
80) Butylbenzylphthalate	13.463	149	60183	3.669	ng	95
84) Bis(2-ethylhexyl)phtha...	14.021	149	152076	8.098	ng	99
85) Di-n-octyl phthalate	14.615	149	79858	2.899	ng	# 24

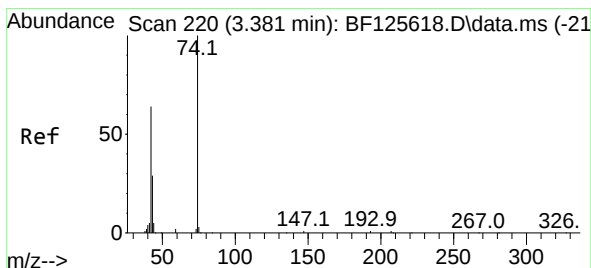
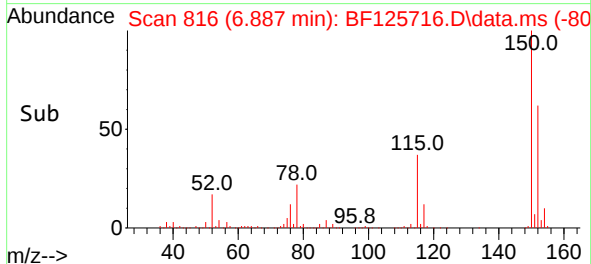
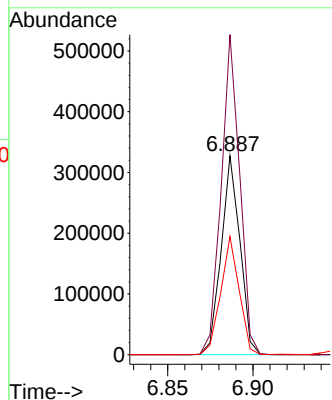
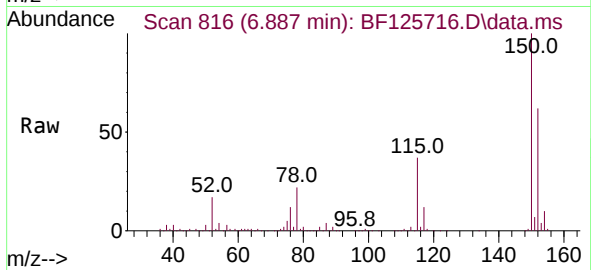
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

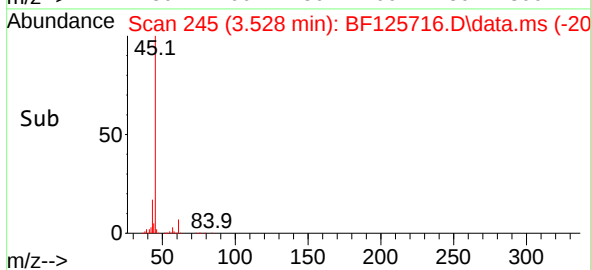
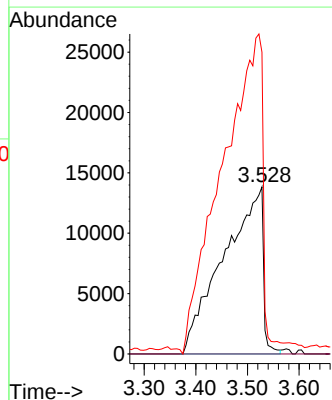
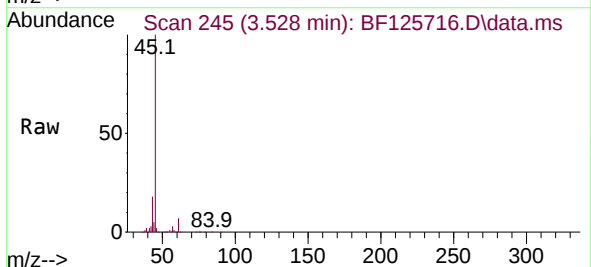
Instrument :
BNA_F
ClientSampleId :
CC-20

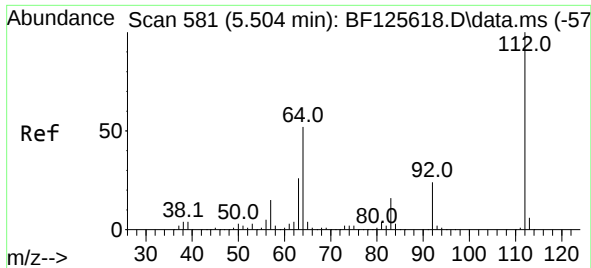
Tgt Ion:152 Resp: 250046
Ion Ratio Lower Upper
152 100
150 161.0 117.6 176.4
115 59.4 47.1 70.7



#4
n-Nitrosodimethylamine
Concen: 11.547 ng
RT: 3.528 min Scan# 245
Delta R.T. 0.147 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

Tgt Ion: 42 Resp: 73193
Ion Ratio Lower Upper
42 100
74 0.0 59.0 88.6#
44 180.6 0.0 0.0#

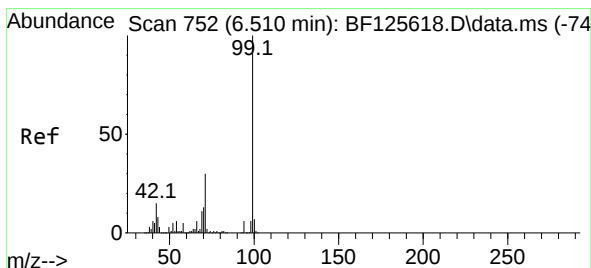
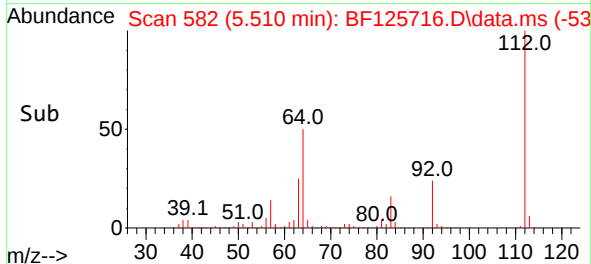
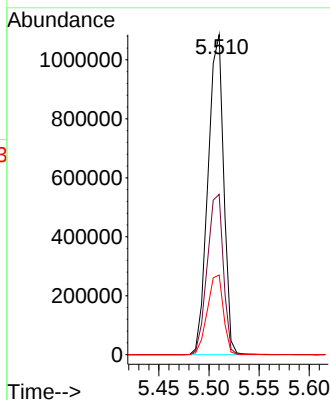
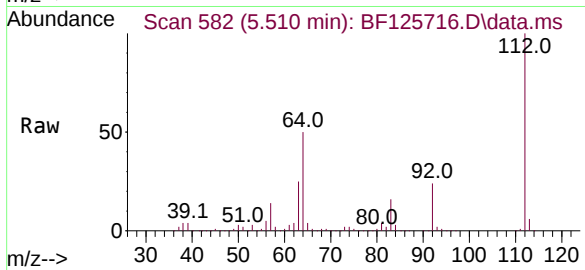




#5
2-Fluorophenol
Concen: 78.096 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

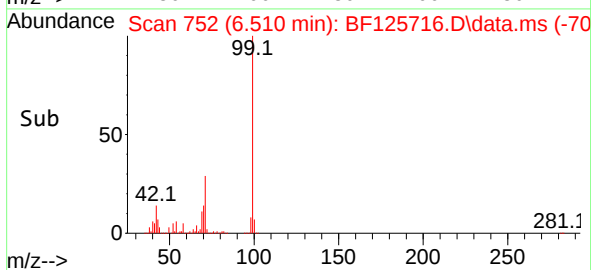
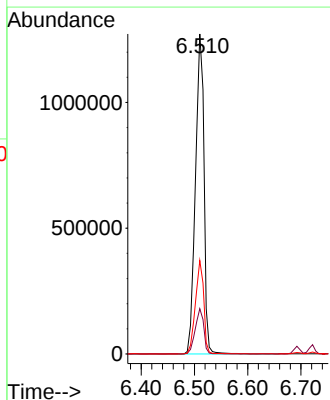
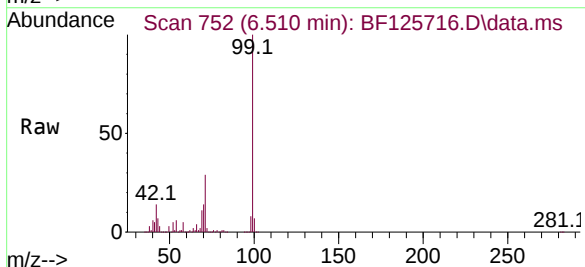
Instrument :
BNA_F
ClientSampleId :
CC-20

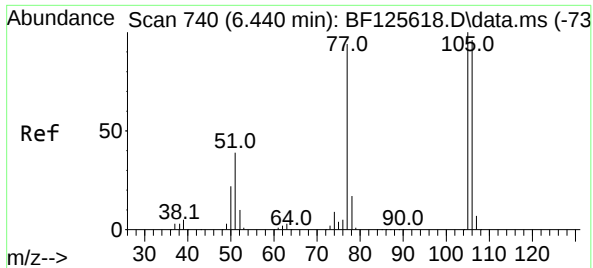
Tgt Ion:112 Resp: 1185234
Ion Ratio Lower Upper
112 100
64 50.1 44.2 66.2
63 24.9 26.2 39.2#



#7
Phenol-d6
Concen: 69.366 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

Tgt Ion: 99 Resp: 1415329
Ion Ratio Lower Upper
99 100
42 14.2 23.5 35.3#
71 29.2 25.6 38.4

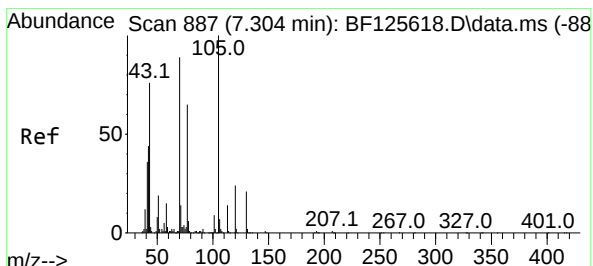
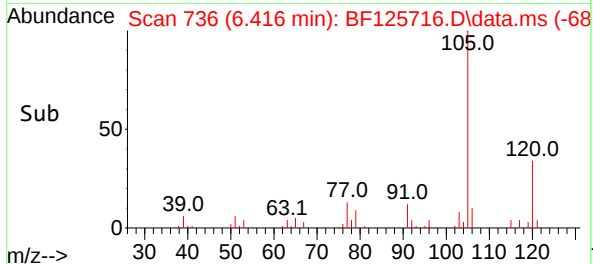
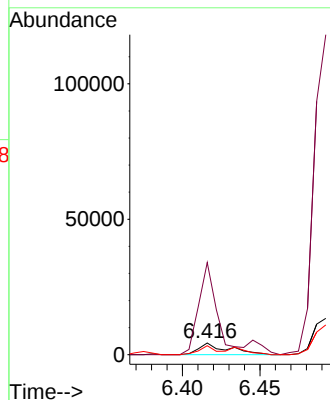
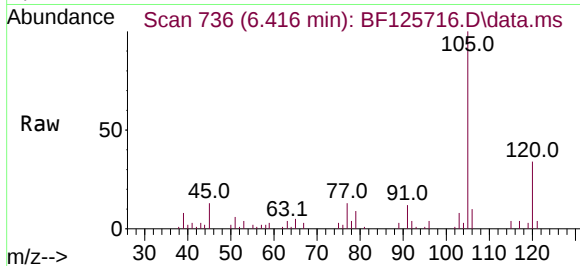




#9
Benzaldehyde
Concen: Below Cal
RT: 6.416 min Scan# 736
Delta R.T. -0.024 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

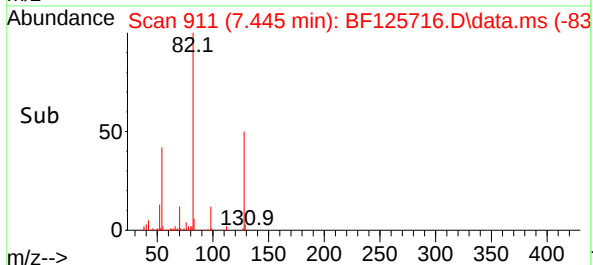
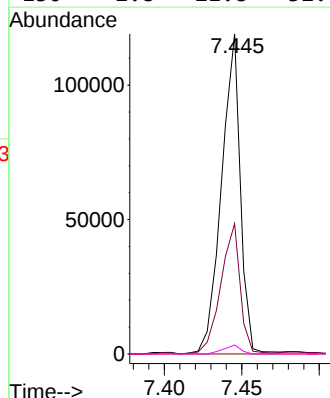
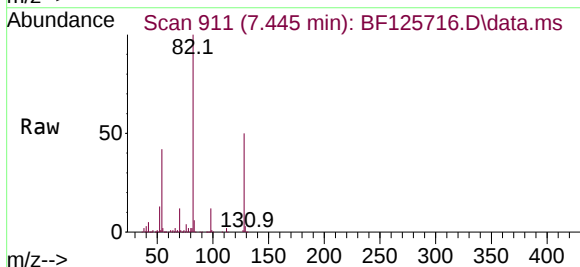
Instrument :
BNA_F
ClientSampleId :
CC-20

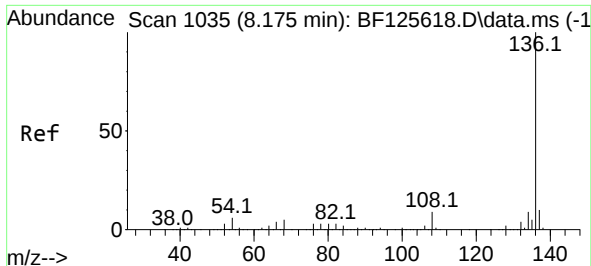
Tgt Ion:	77	Resp:	5692
Ion	Ratio	Lower	Upper
77	100		
105	792.5	75.9	115.9#
106	76.8	84.0	124.0#



#19
n-Nitroso-di-n-propylamine
Concen: 8.692 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

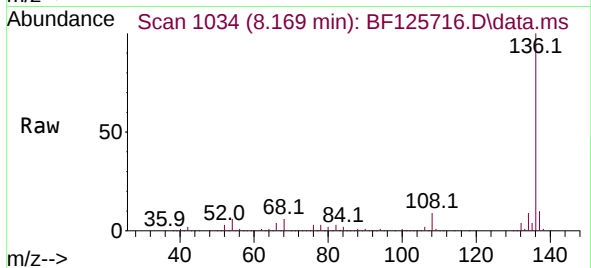
Tgt Ion:	70	Resp:	100975
Ion	Ratio	Lower	Upper
70	100		
42	40.7	72.2	108.2#
101	0.0	7.8	11.8#
130	2.8	21.8	32.6#



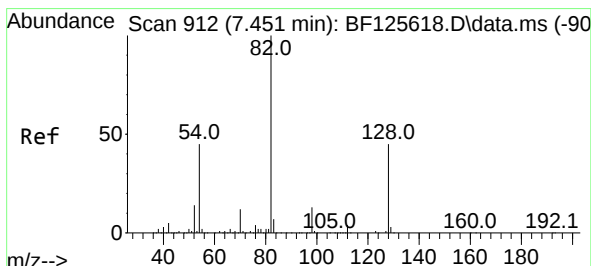
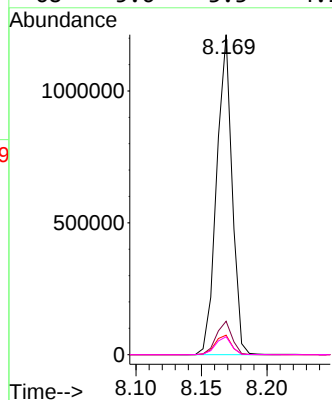
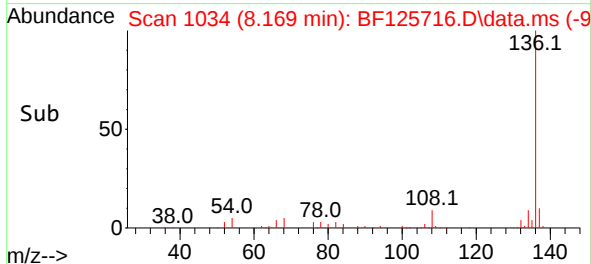


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

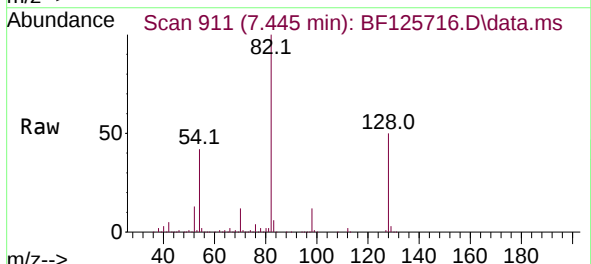
Instrument :
BNA_F
ClientSampleId :
CC-20



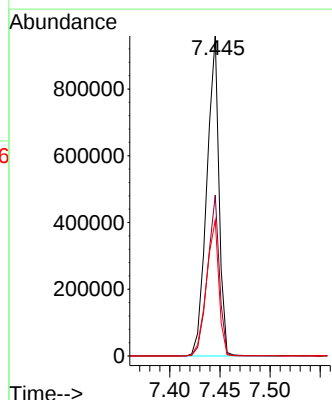
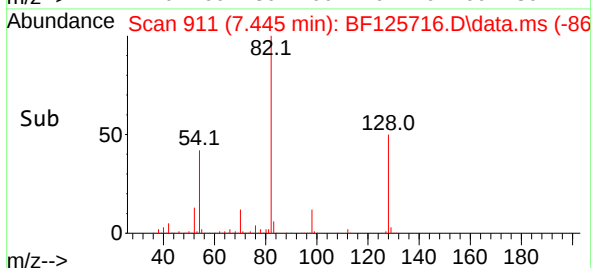
Tgt Ion:136 Resp: 991706
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 6.1 6.4 9.6#
68 5.6 3.3 4.9#

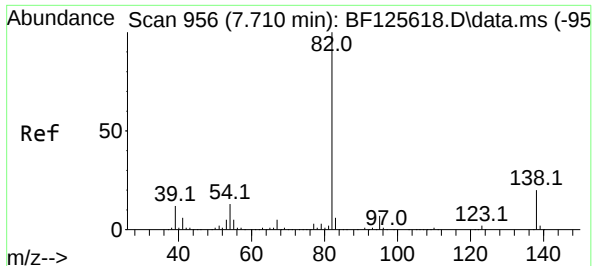


#23
Nitrobenzene-d5
Concen: 57.410 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22



Tgt Ion: 82 Resp: 816252
Ion Ratio Lower Upper
82 100
128 50.3 40.6 60.8
54 42.4 49.6 74.4#

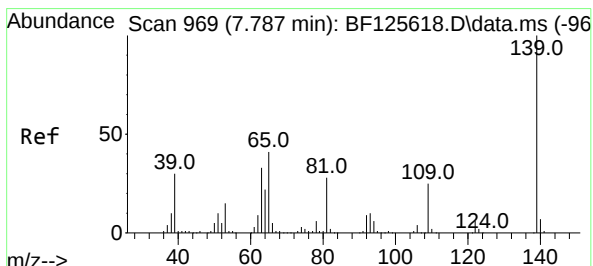
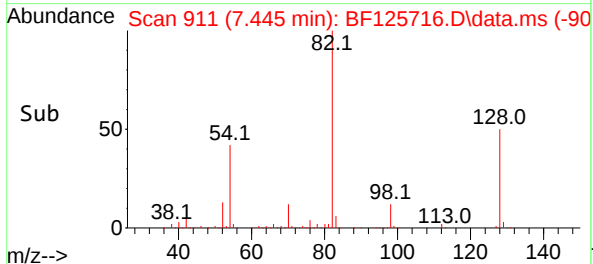
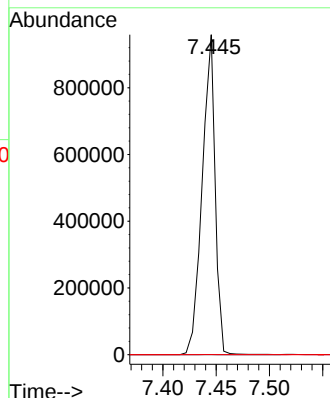
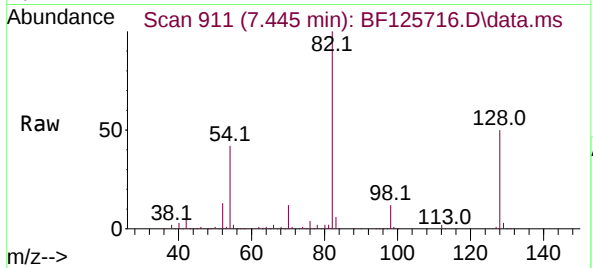




#25
Isophorone
Concen: 25.634 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

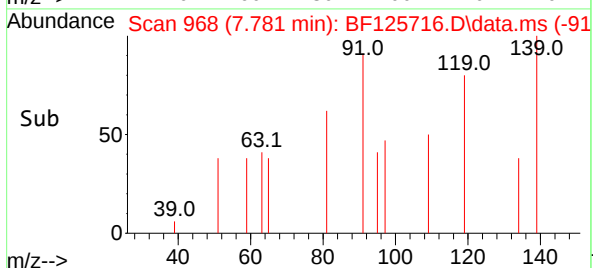
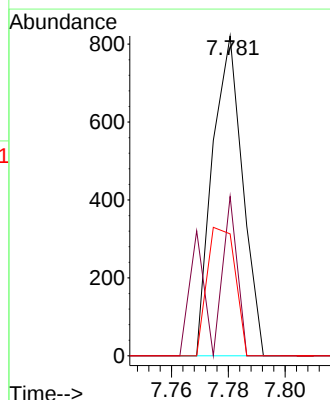
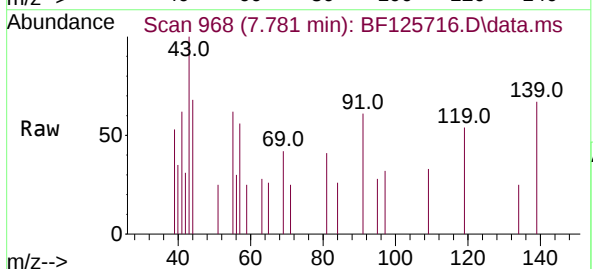
Instrument :
BNA_F
ClientSampleId :
CC-20

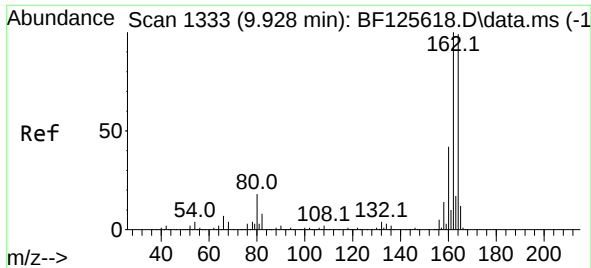
Tgt Ion: 82 Resp: 816244
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#26
2-Nitrophenol
Concen: 5.804 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.006 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

Tgt Ion: 139 Resp: 603
Ion Ratio Lower Upper
139 100
109 49.8 26.0 39.0#
65 38.1 31.0 46.4

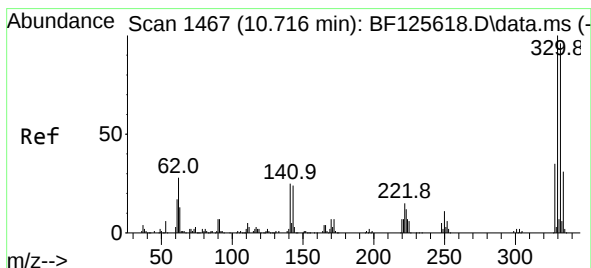
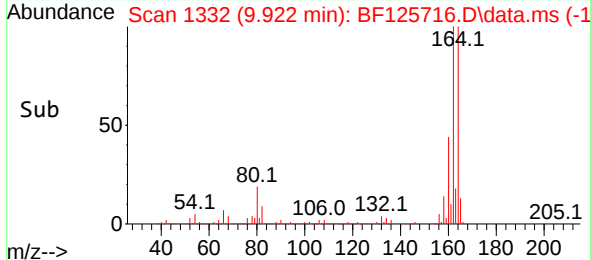
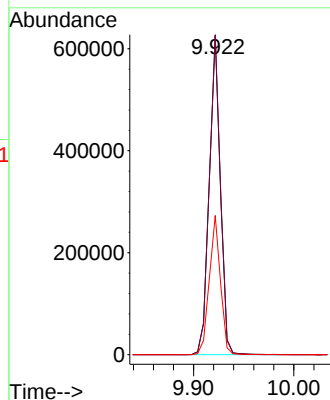
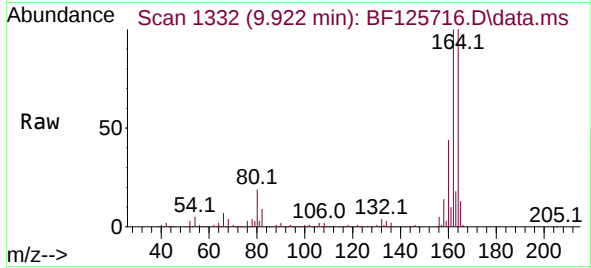




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

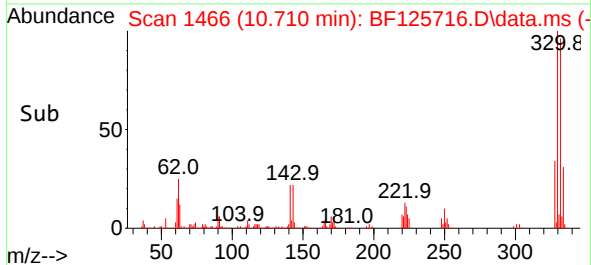
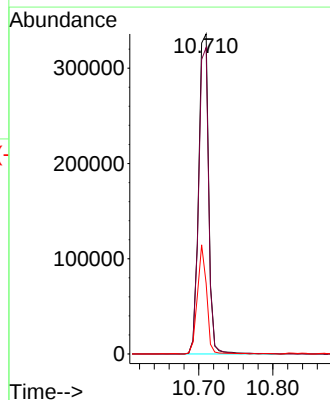
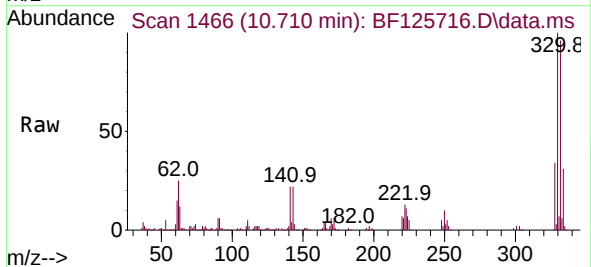
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ClientSampleId :
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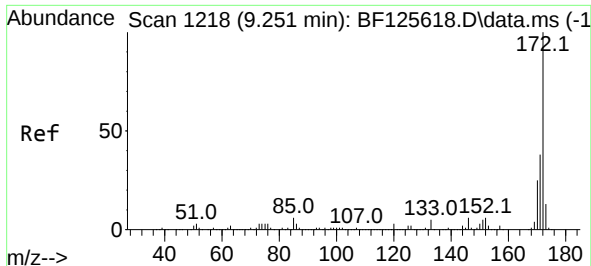
Tgt Ion:164 Resp: 480354
Ion Ratio Lower Upper
164 100
162 100.3 81.3 121.9
160 43.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 70.064 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

Tgt Ion:330 Resp: 313793
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 31.5 44.6 66.8#

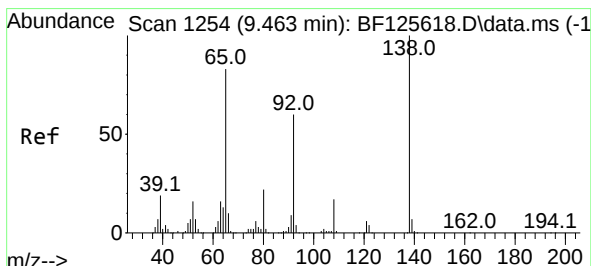
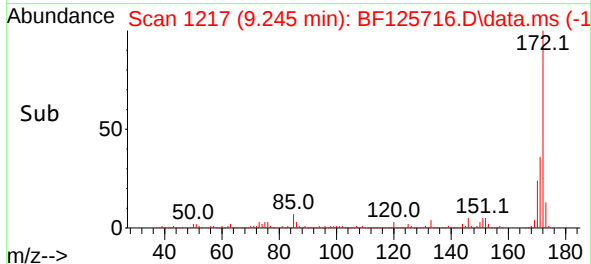
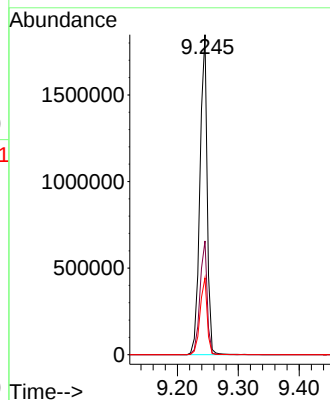
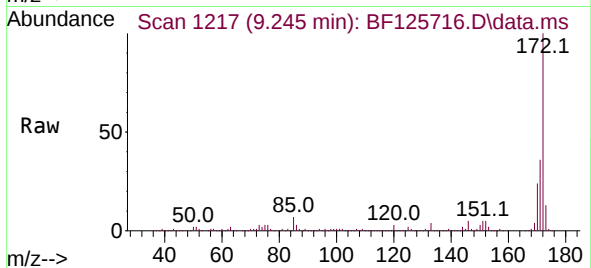




#45
2-Fluorobiphenyl
Concen: 52.264 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

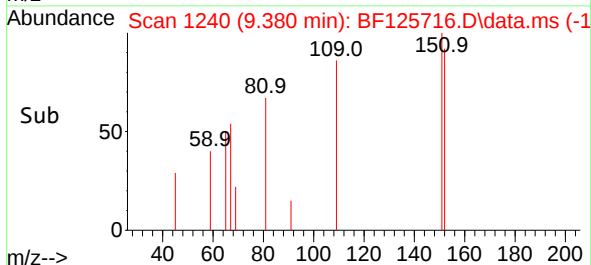
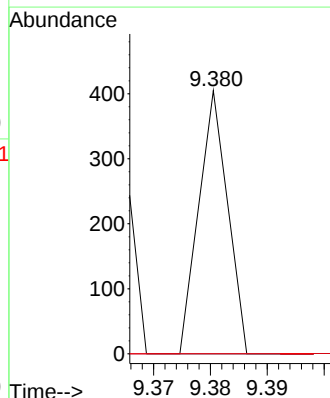
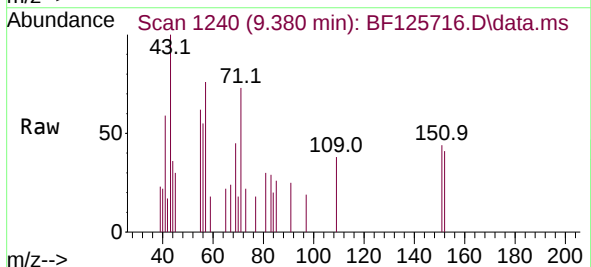
Instrument :
BNA_F
ClientSampled :
CC-20

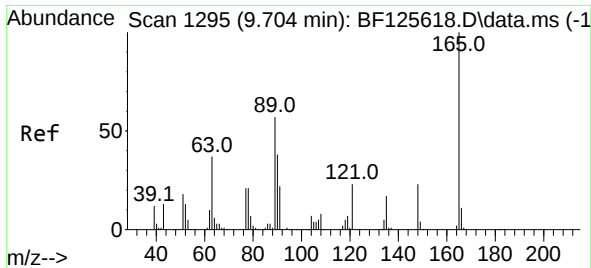
Tgt Ion:172 Resp: 1534931
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 24.0 18.8 28.2



#48
2-Nitroaniline
Concen: 4.176 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.082 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

Tgt Ion: 65 Resp: 143
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#

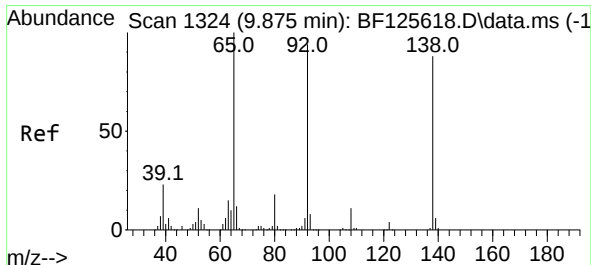
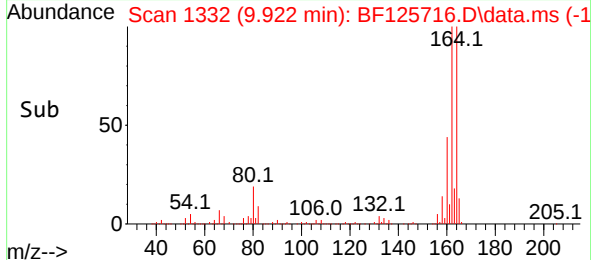
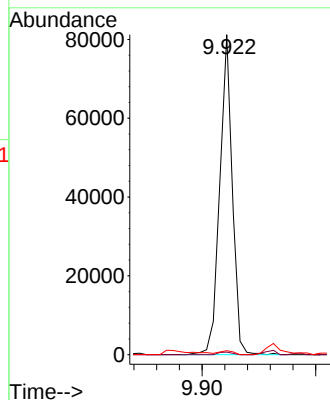
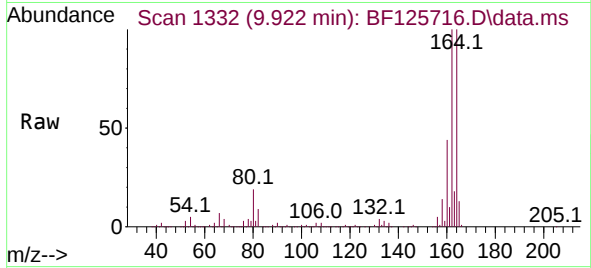




#51
2,6-Dinitrotoluene
Concen: 12.805 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

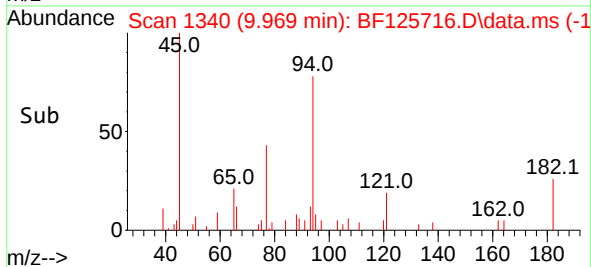
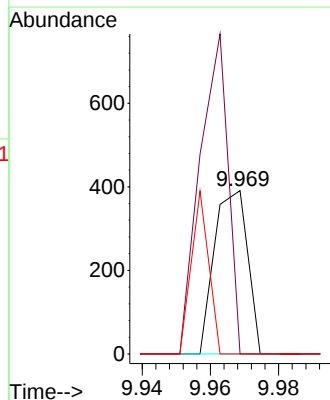
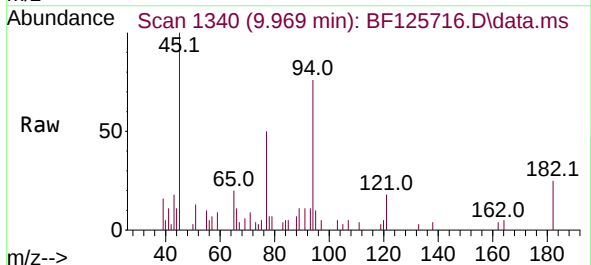
Instrument :
BNA_F
ClientSampleId :
CC-20

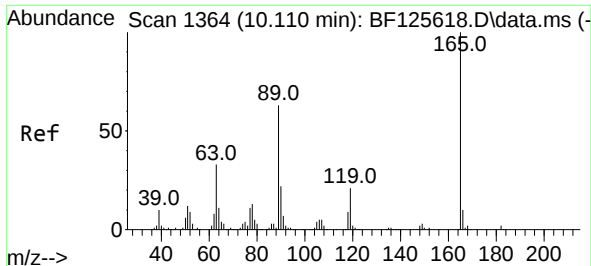
Tgt Ion:165 Resp: 62653
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.3 40.6 60.8#



#53
3-Nitroaniline
Concen: 3.176 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.094 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

Tgt Ion:138 Resp: 264
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 0.0 76.5 114.7#

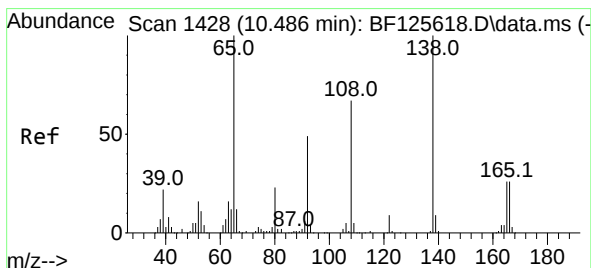
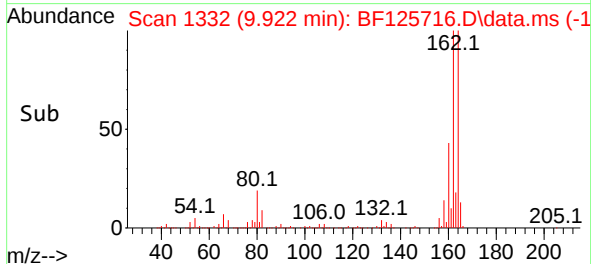
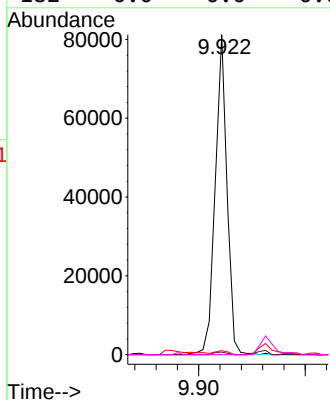
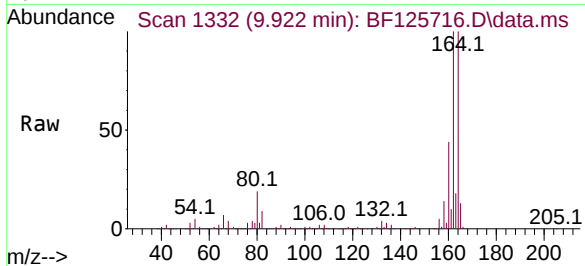




#57
2,4-Dinitrotoluene
Concen: 11.660 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

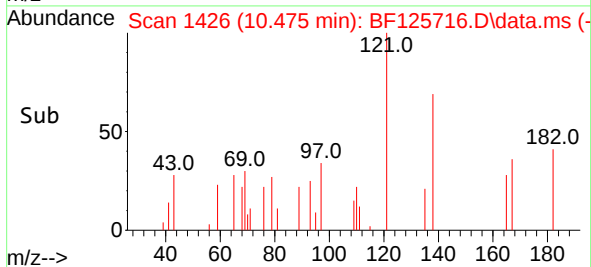
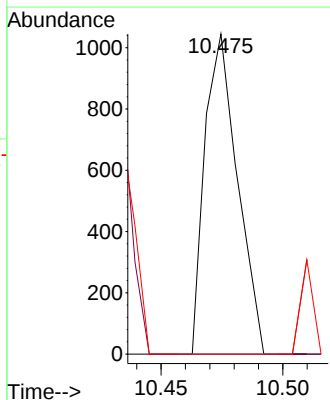
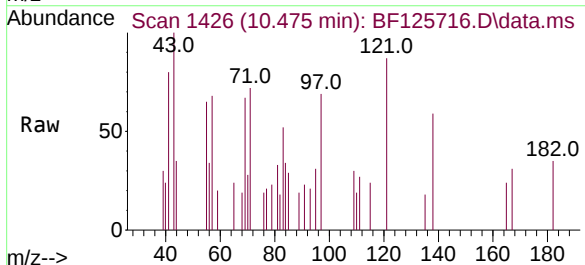
Instrument :
BNA_F
ClientSampled :
CC-20

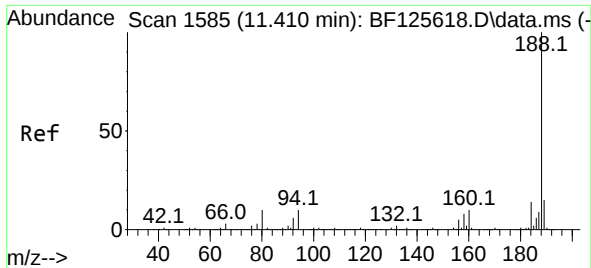
Tgt Ion:165	Resp:	62654
Ion Ratio	Lower	Upper
165	100	
63	0.8	40.9
89	1.3	59.7
182	0.0	0.0



#62
4-Nitroaniline
Concen: 2.022 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.011 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

Tgt Ion:138	Resp:	972
Ion Ratio	Lower	Upper
138	100	
92	0.0	29.6
108	0.0	78.1

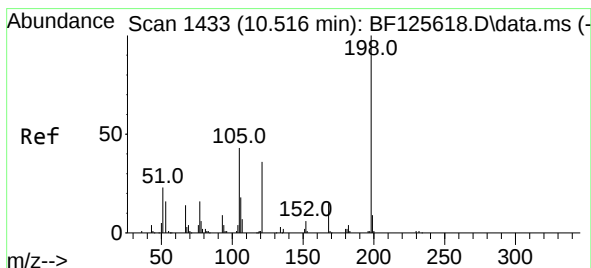
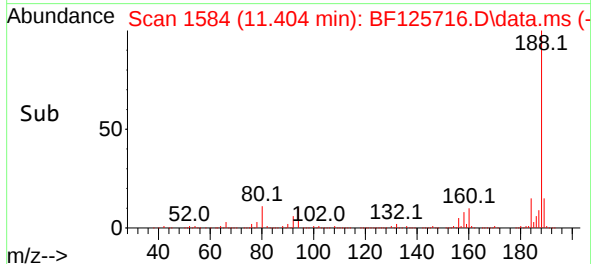
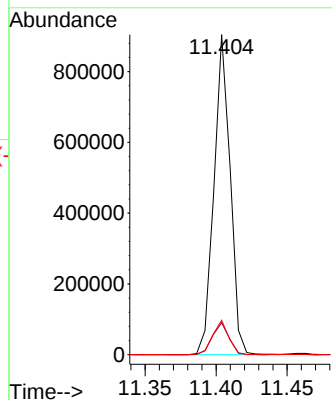
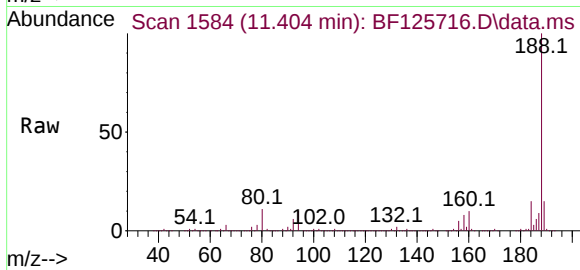




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

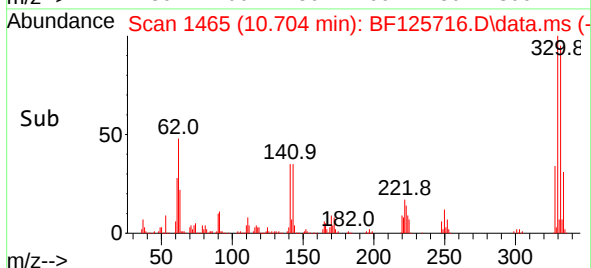
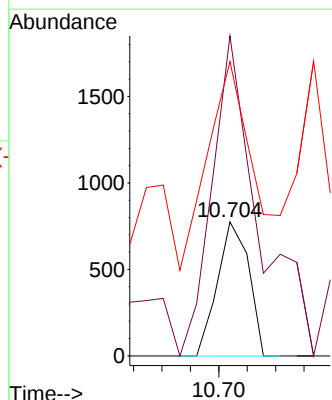
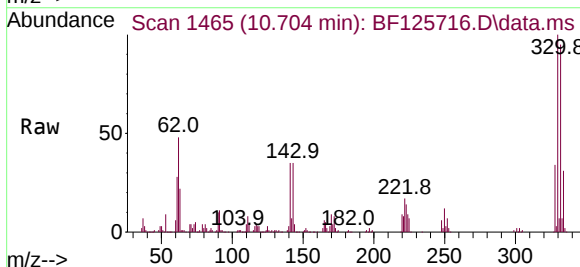
Instrument :
BNA_F
ClientSampleId :
CC-20

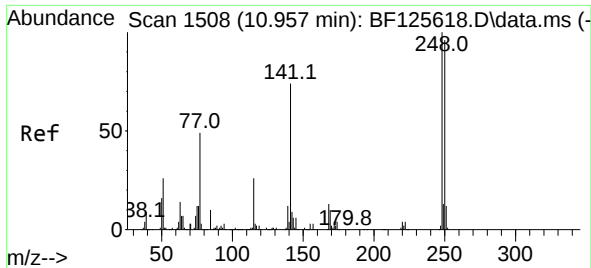
Tgt Ion:188 Resp: 714965
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 10.7 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.152 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

Tgt Ion:198 Resp: 593
Ion Ratio Lower Upper
198 100
51 238.7 45.3 85.3#
105 219.6 30.6 70.6#

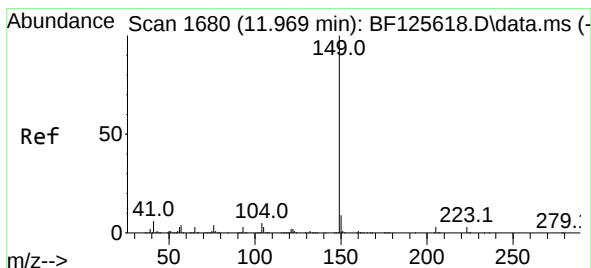
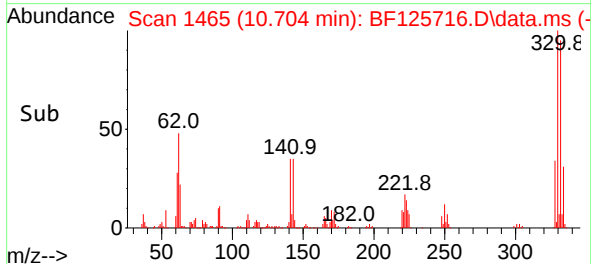
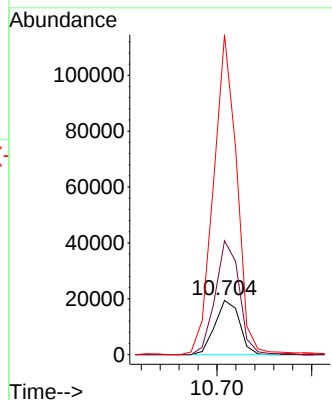
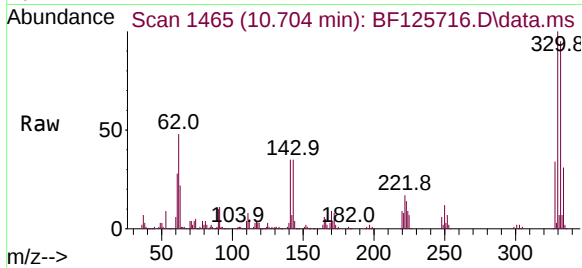




#67
4-Bromophenyl-phenylether
Concen: 2.338 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.253 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

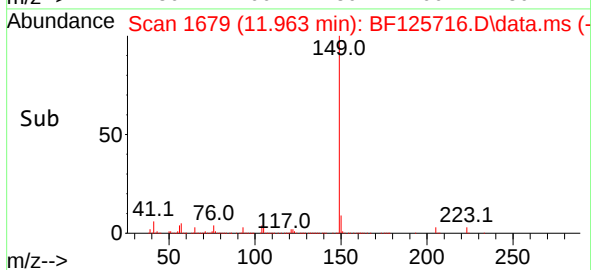
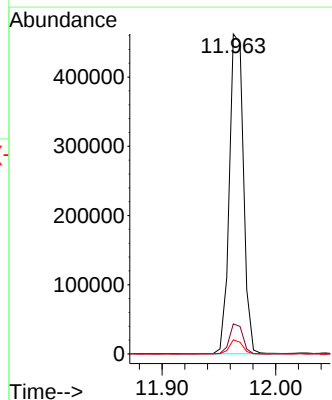
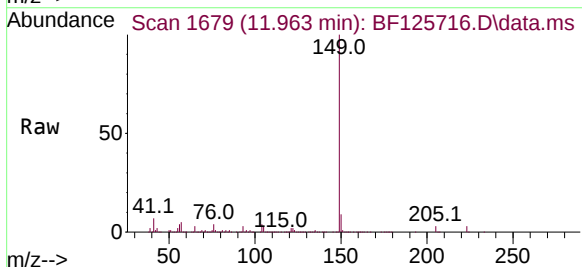
Instrument :
BNA_F
ClientSampleId :
CC-20

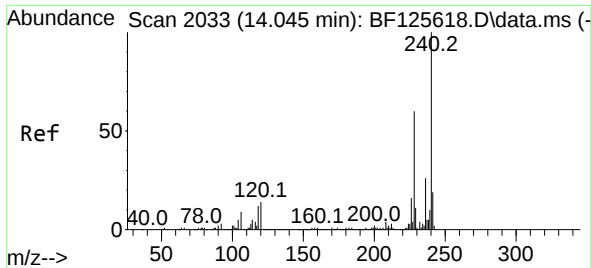
Tgt Ion:248 Resp: 17542
Ion Ratio Lower Upper
248 100
250 209.6 74.2 111.4#
141 589.1 60.4 90.6#



#74
Di-n-butylphthalate
Concen: 10.148 ng
RT: 11.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

Tgt Ion:149 Resp: 398896
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.4 4.1 6.1

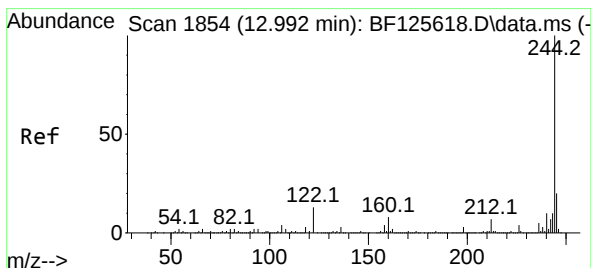
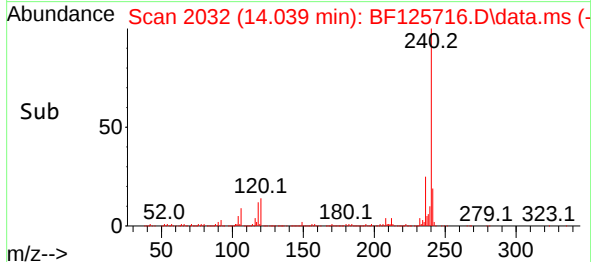
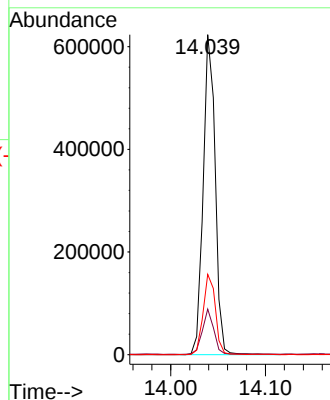
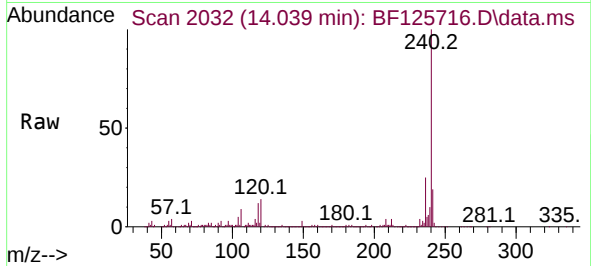




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

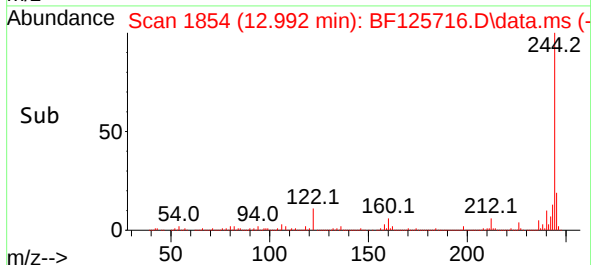
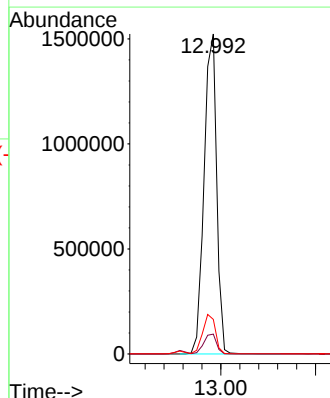
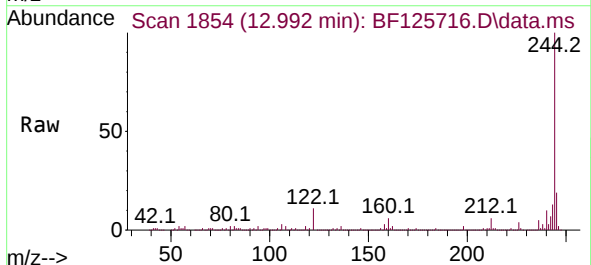
Instrument :
BNA_F
ClientSampleId :
CC-20

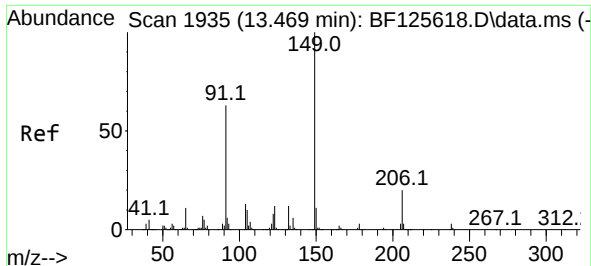
Tgt Ion:240	Resp: 548148
Ion Ratio	Lower Upper
240 100	
120 14.2	10.8 16.2
236 25.1	21.6 32.4



#79
Terphenyl-d14
Concen: 44.286 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

Tgt Ion:244	Resp: 1401780
Ion Ratio	Lower Upper
244 100	
212 6.2	5.9 8.9
122 10.8	9.0 13.4

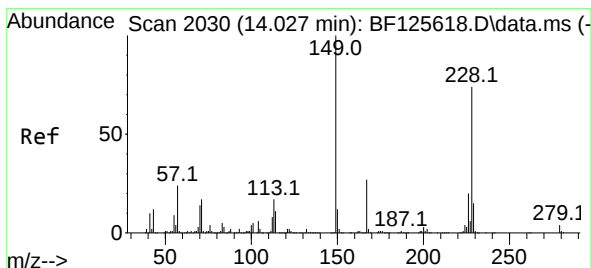
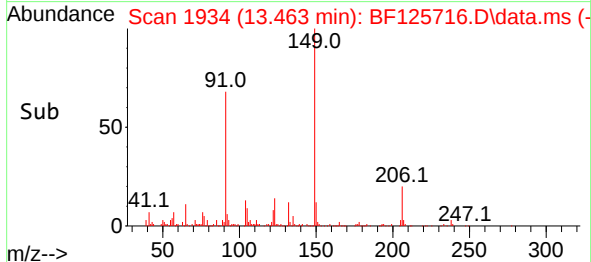
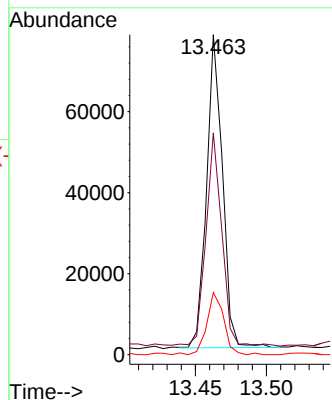
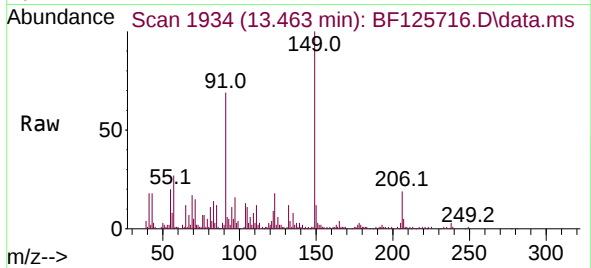




#80
Butylbenzylphthalate
Concen: 3.669 ng
RT: 13.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

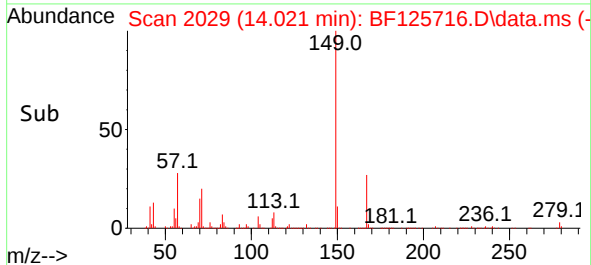
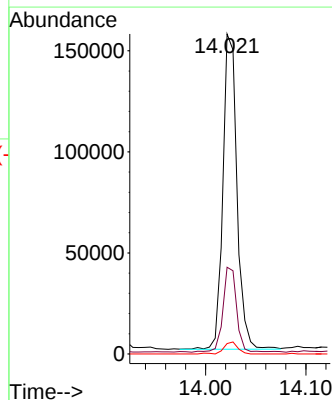
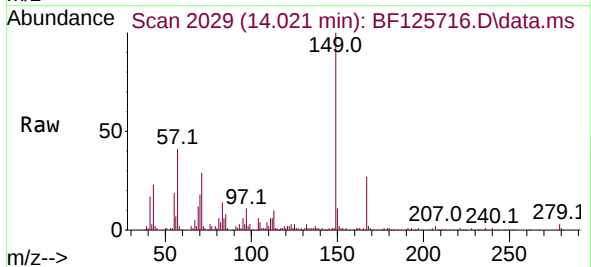
Instrument :
BNA_F
ClientSampleId :
CC-20

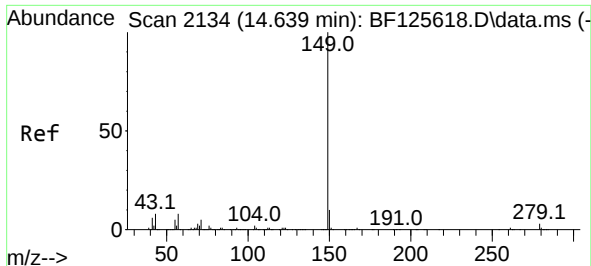
Tgt Ion:149	Resp:	60183
Ion Ratio	Lower	Upper
149	100	
91	69.3	51.8 77.8
206	19.4	14.5 21.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.098 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

Tgt Ion:149	Resp:	152076
Ion Ratio	Lower	Upper
149	100	
167	27.1	21.4 32.0
279	3.3	2.6 4.0

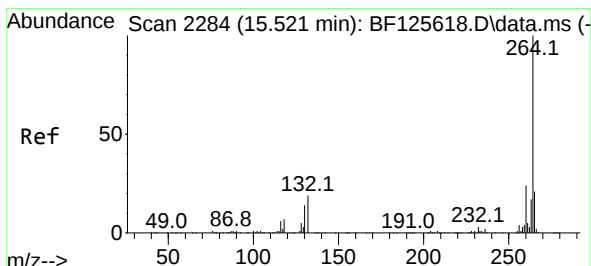
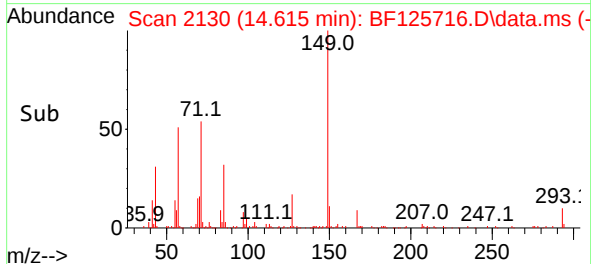
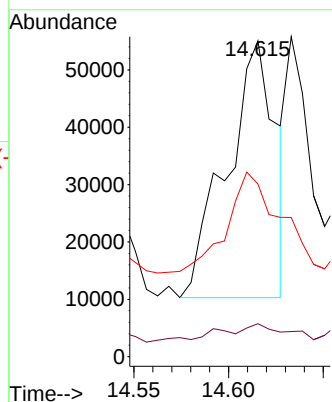
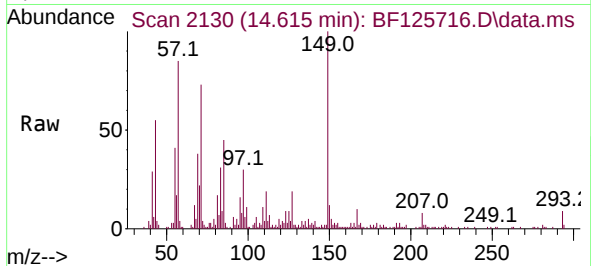




#85
Di-n-octyl phthalate
Concen: 2.899 ng
RT: 14.615 min Scan# 2130
Delta R.T. -0.024 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

Instrument :
BNA_F
ClientSampleId :
CC-20

Tgt Ion:149 Resp: 79858
Ion Ratio Lower Upper
149 100
167 7.8 1.0 1.6#
43 44.7 9.9 14.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125716.D
Acq: 29 Sep 2021 19:22

Tgt Ion:264 Resp: 510461
Ion Ratio Lower Upper
264 100
260 23.5 19.6 29.4
265 21.1 17.2 25.8

