

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
 Data File : BF125719.D
 Acq On : 29 Sep 2021 20:55
 Operator : JU/CG
 Sample : M3964-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-17

Quant Time: Sep 30 03:28:43 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)

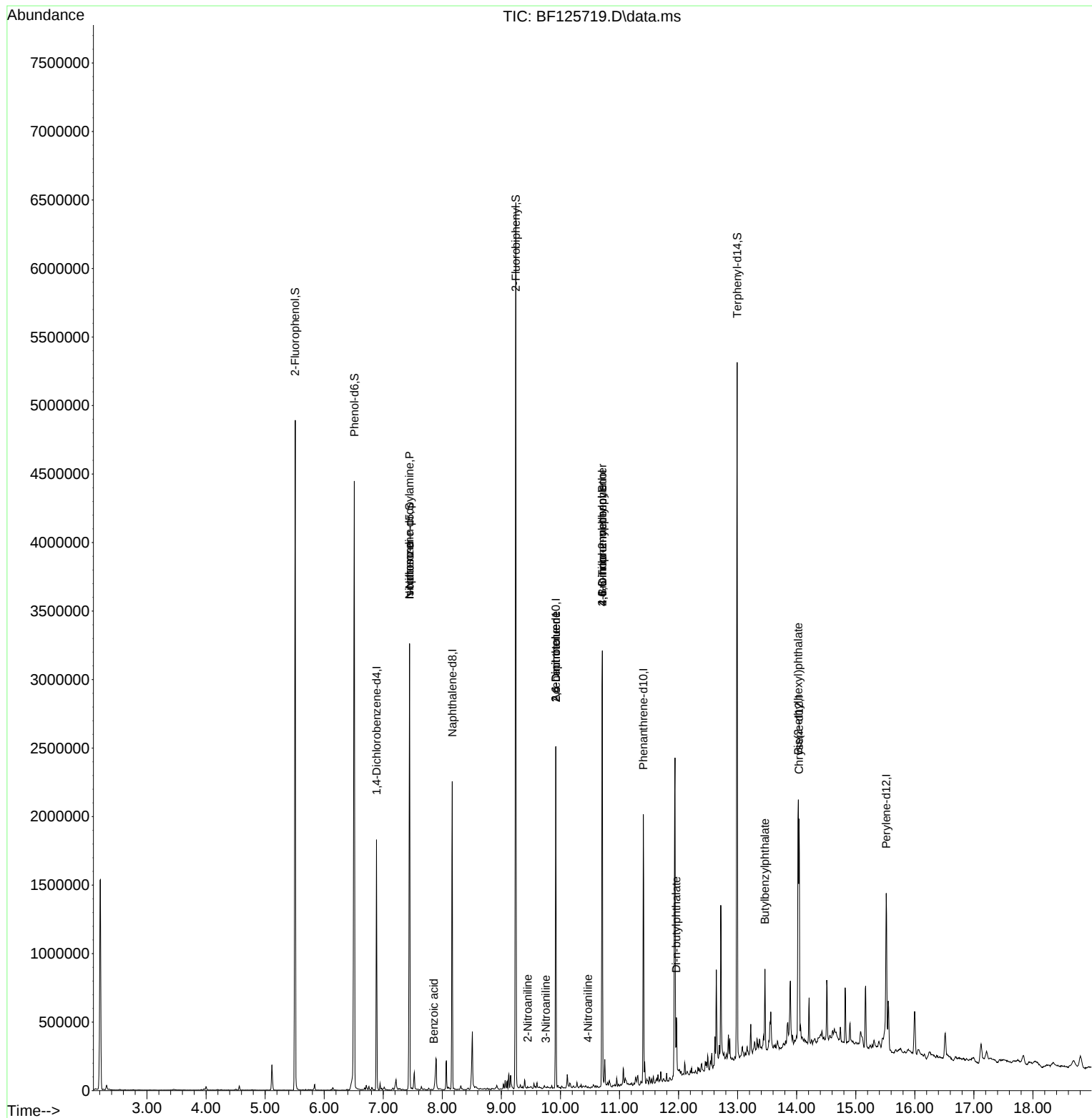
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	256252	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	995840	20.000	ng	# 0.00
39) Acenaphthene-d10	9.921	164	481172	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	697260	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	527615	20.000	ng	0.00
86) Perylene-d12	15.515	264	484155	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1493548	96.027	ng	0.00
7) Phenol-d6	6.510	99	1843213	88.149	ng	0.00
23) Nitrobenzene-d5	7.445	82	1095438	76.726	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	427512	95.293	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2029123	74.049	ng	0.00
79) Terphenyl-d14	12.992	244	1703456	55.912	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.433	77	600	Below Cal	#	81
19) n-Nitroso-di-n-propyla...	7.445	70	136898	11.499	ng	# 50
25) Isophorone	7.445	82	1092809	34.178	ng	# 59
32) Benzoic acid	7.857	122	2155	8.797	ng	90
48) 2-Nitroaniline	9.445	65	382	4.208	ng	# 19
51) 2,6-Dinitrotoluene	9.921	165	60786	12.532	ng	# 27
53) 3-Nitroaniline	9.751	138	623	3.220	ng	# 9
57) 2,4-Dinitrotoluene	9.921	165	60786	11.444	ng	# 19
62) 4-Nitroaniline	10.469	138	1078	2.036	ng	# 10
65) 4,6-Dinitro-2-methylph...	10.710	198	842	9.215	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	23282	3.182	ng	# 1
74) Di-n-butylphthalate	11.963	149	174227	4.545	ng	99
80) Butylbenzylphthalate	13.462	149	122974	7.788	ng	97
84) Bis(2-ethylhexyl)phtha...	14.027	149	522725	28.918	ng	100

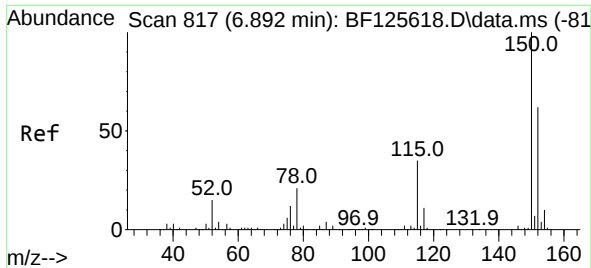
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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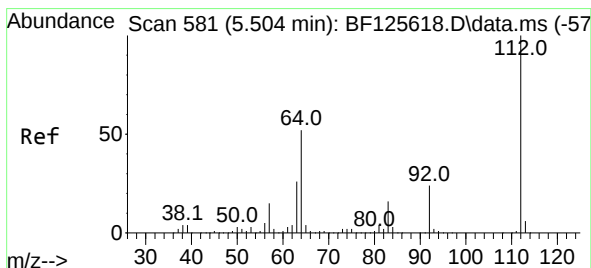
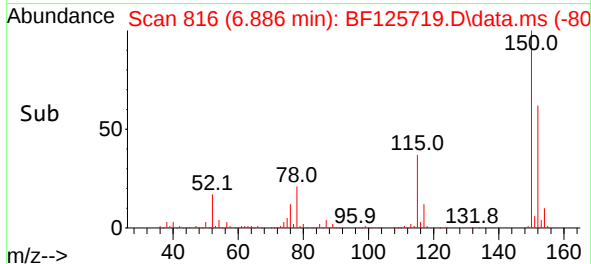
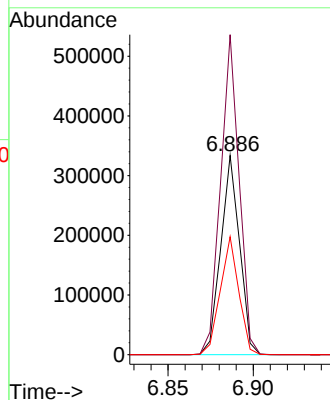
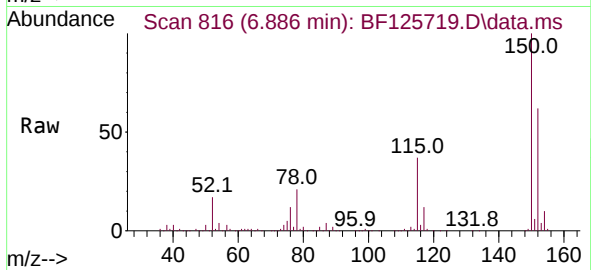




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125719.D
Acq: 29 Sep 2021 20:55

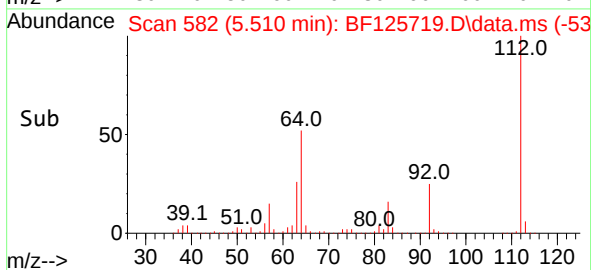
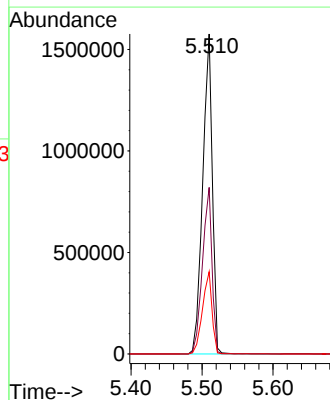
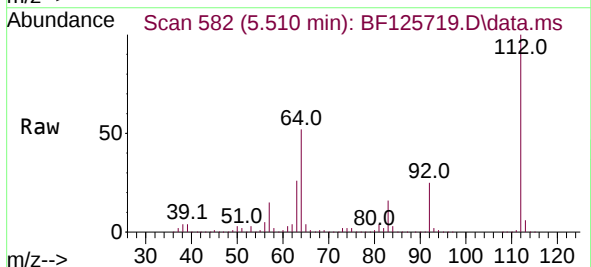
Instrument :
BNA_F
ClientSampleId :
CC-17

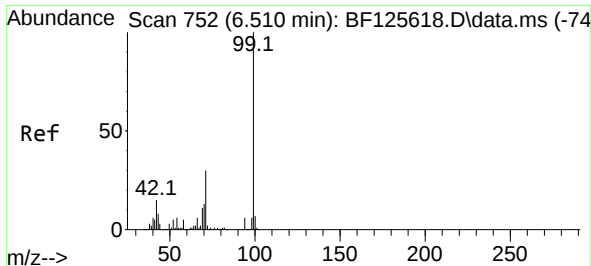
Tgt Ion:152 Resp: 256252
Ion Ratio Lower Upper
152 100
150 160.7 117.6 176.4
115 59.2 47.1 70.7



#5
2-Fluorophenol
Concen: 96.027 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125719.D
Acq: 29 Sep 2021 20:55

Tgt Ion:112 Resp: 1493548
Ion Ratio Lower Upper
112 100
64 52.1 44.2 66.2
63 25.7 26.2 39.2#

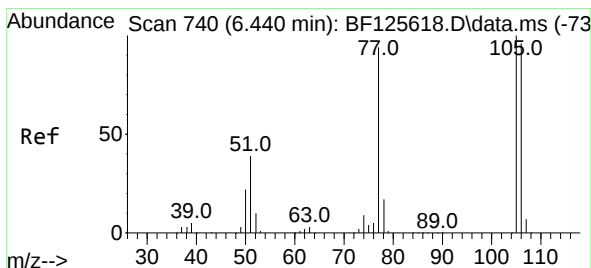
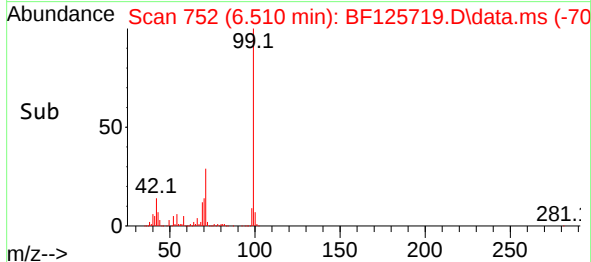
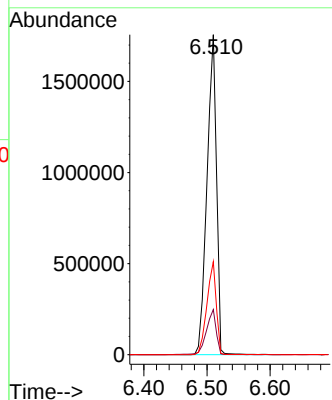
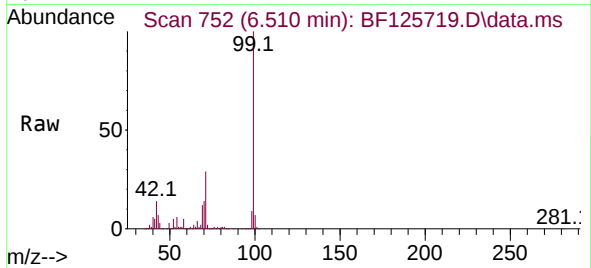




#7
Phenol-d6
Concen: 88.149 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF125719.D
Acq: 29 Sep 2021 20:55

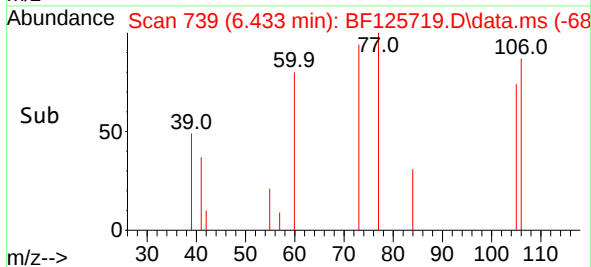
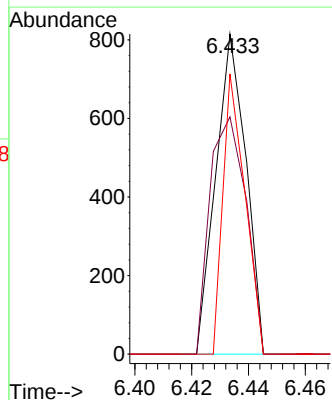
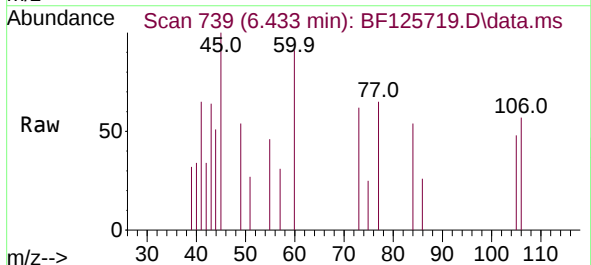
Instrument :
BNA_F
ClientSampleId :
CC-17

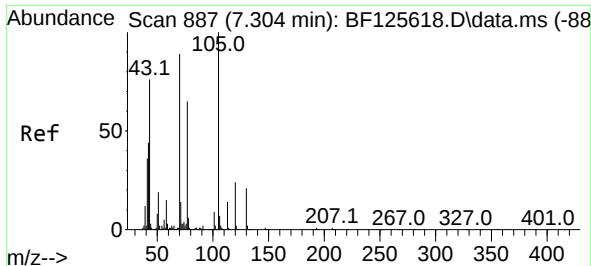
Tgt Ion: 99 Resp: 1843213
Ion Ratio Lower Upper
99 100
42 14.1 23.5 35.3#
71 29.0 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.433 min Scan# 739
Delta R.T. -0.007 min
Lab File: BF125719.D
Acq: 29 Sep 2021 20:55

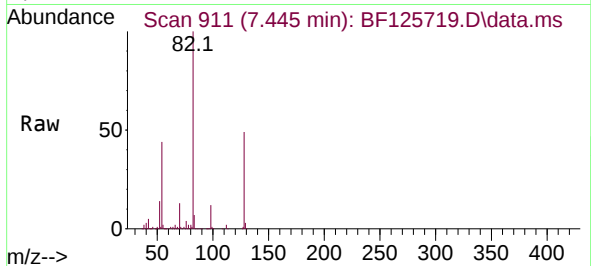
Tgt Ion: 77 Resp: 600
Ion Ratio Lower Upper
77 100
105 74.1 75.9 115.9#
106 87.5 84.0 124.0



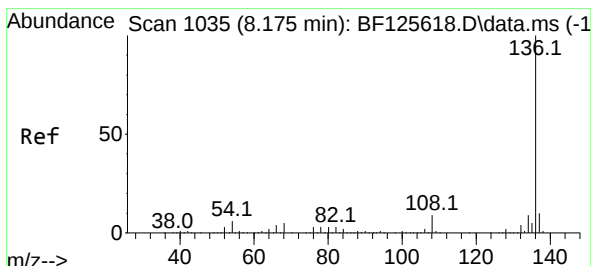
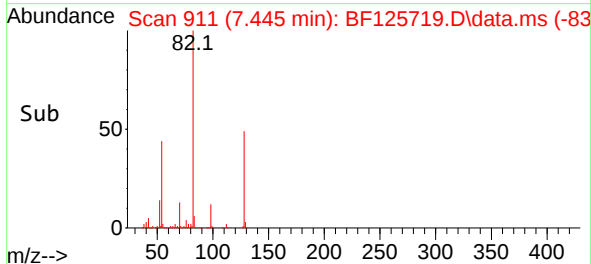
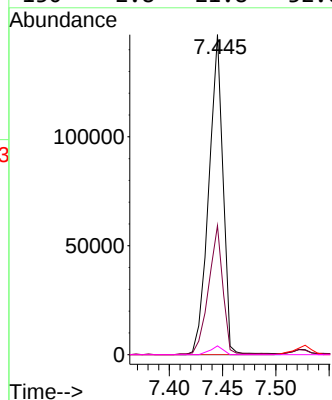


#19
n-Nitroso-di-n-propylamine
Concen: 11.499 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125719.D
Acq: 29 Sep 2021 20:55

Instrument :
BNA_F
ClientSampleId :
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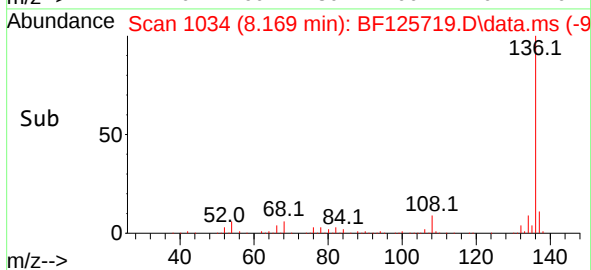
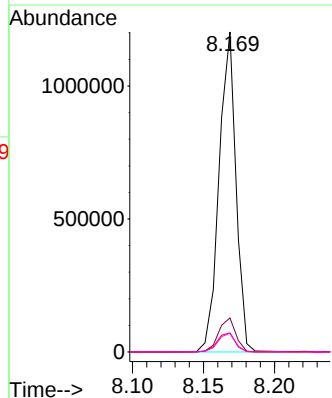
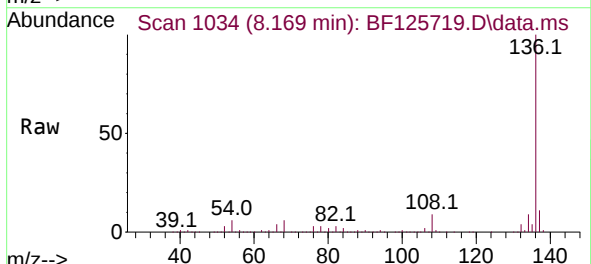


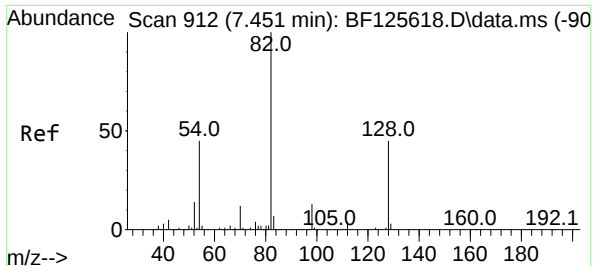
Tgt Ion: 70 Resp: 136898
Ion Ratio Lower Upper
70 100
42 40.3 72.2 108.2#
101 0.0 7.8 11.8#
130 2.8 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125719.D
Acq: 29 Sep 2021 20:55

Tgt Ion: 136 Resp: 995840
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 6.0 6.4 9.6#
68 5.9 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 76.726 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125719.D

Acq: 29 Sep 2021 20:55

Instrument :

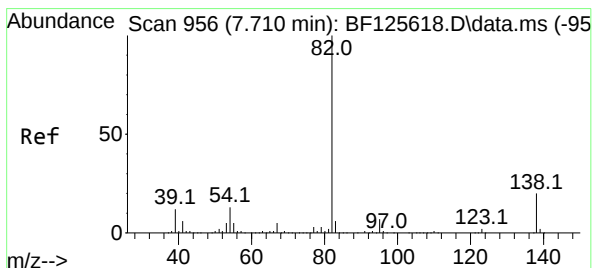
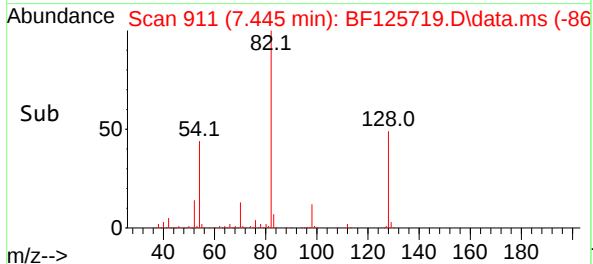
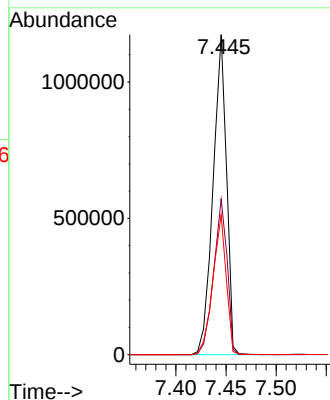
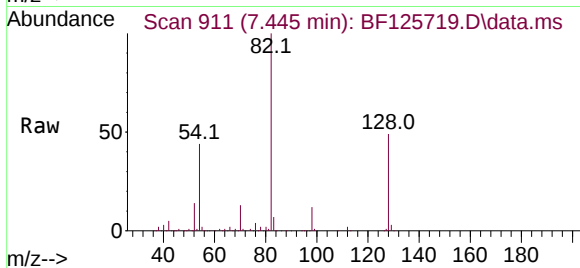
BNA_F

ClientSampleId :

CC-17

Tgt Ion: 82 Resp: 1095438

Ion	Ratio	Lower	Upper
82	100		
128	48.6	40.6	60.8
54	43.7	49.6	74.4#



#25

Isophorone

Concen: 34.178 ng

RT: 7.445 min Scan# 911

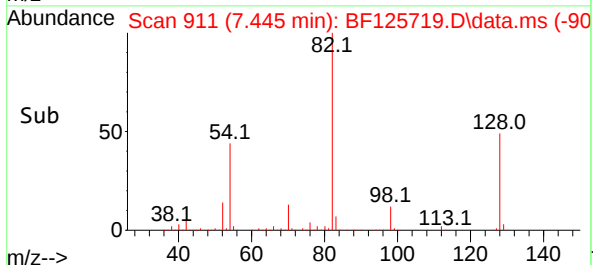
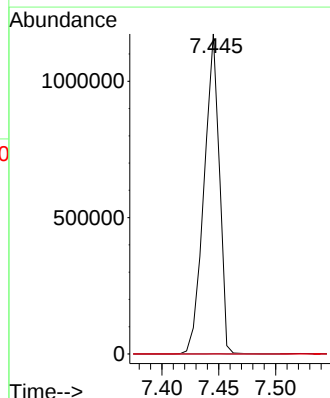
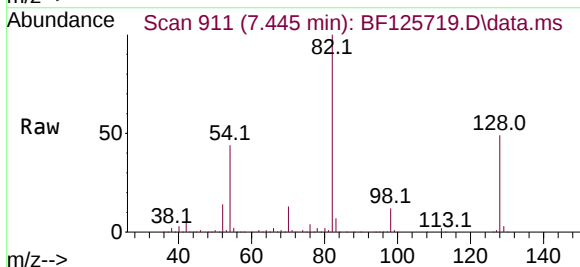
Delta R.T. -0.265 min

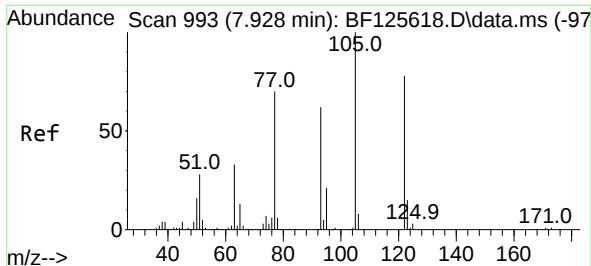
Lab File: BF125719.D

Acq: 29 Sep 2021 20:55

Tgt Ion: 82 Resp: 1092809

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

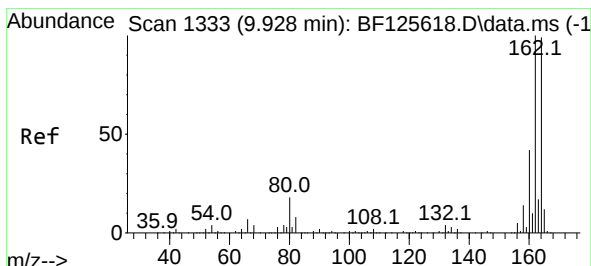
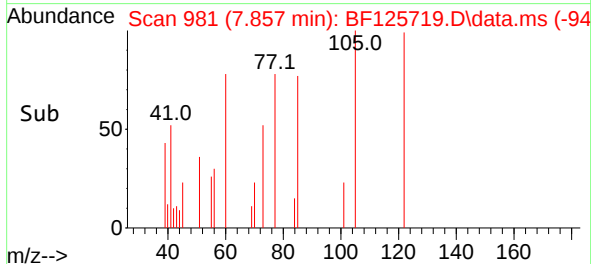
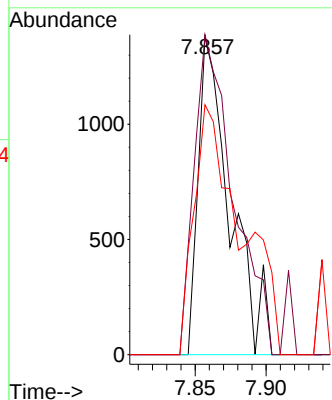
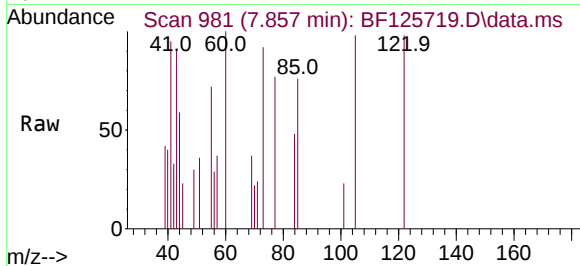




#32
Benzoic acid
Concen: 8.797 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.071 min
Lab File: BF125719.D
Acq: 29 Sep 2021 20:55

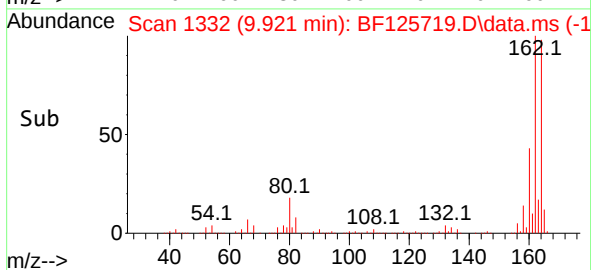
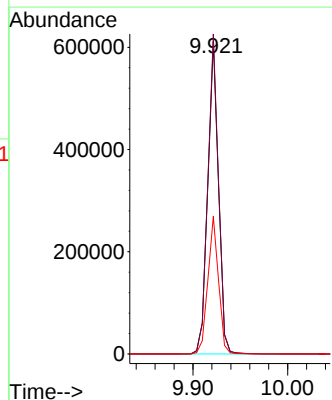
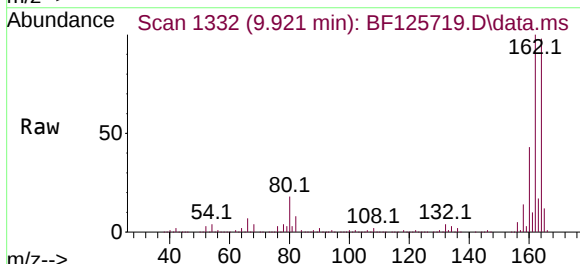
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ClientSampleId :
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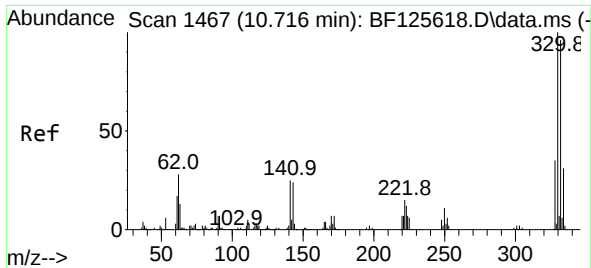
Tgt Ion:122	Resp:	2155
Ion Ratio	Lower	Upper
122	100	
105	100.7	97.6 137.6
77	78.7	59.6 99.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.921 min Scan# 1332
Delta R.T. -0.007 min
Lab File: BF125719.D
Acq: 29 Sep 2021 20:55

Tgt Ion:164	Resp:	481172
Ion Ratio	Lower	Upper
164	100	
162	102.4	81.3 121.9
160	44.1	38.0 57.0

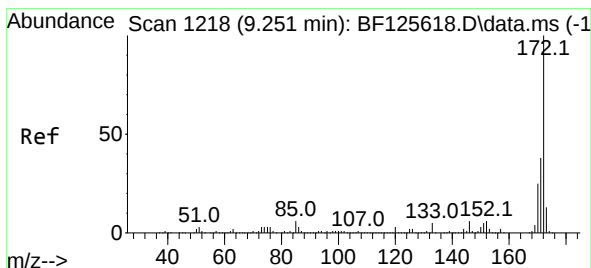
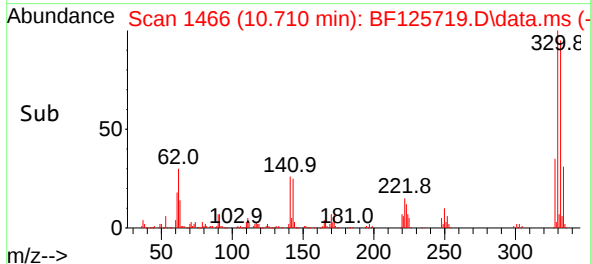
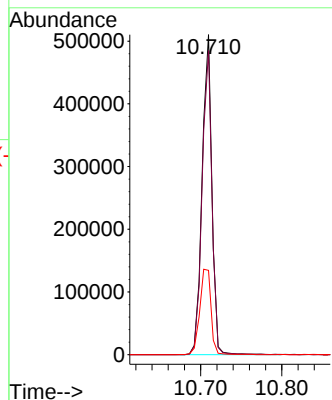
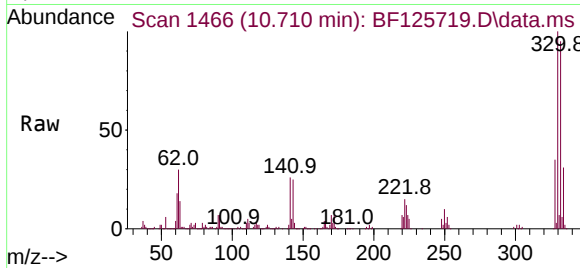




#42
2,4,6-Tribromophenol
Concen: 95.293 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125719.D
Acq: 29 Sep 2021 20:55

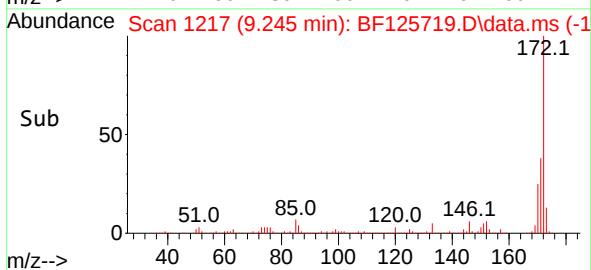
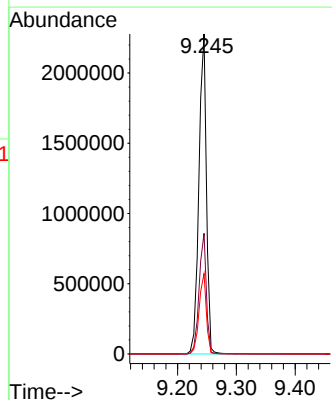
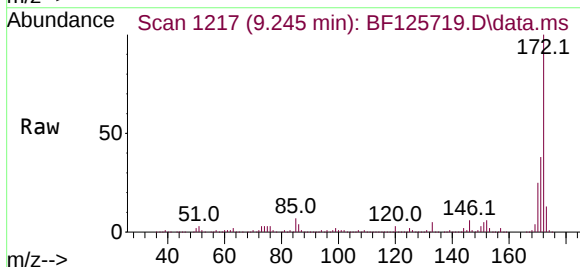
Instrument :
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CC-17

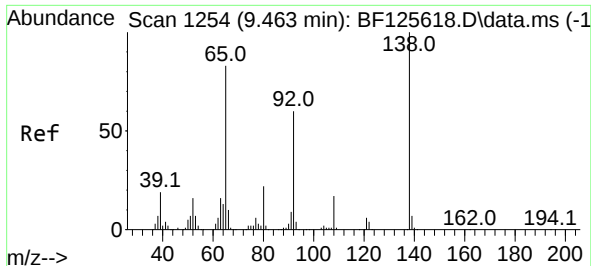
Tgt Ion: 330 Resp: 427512
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 30.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 74.049 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125719.D
Acq: 29 Sep 2021 20:55

Tgt Ion: 172 Resp: 2029123
Ion Ratio Lower Upper
172 100
171 37.7 26.5 39.7
170 25.1 18.8 28.2

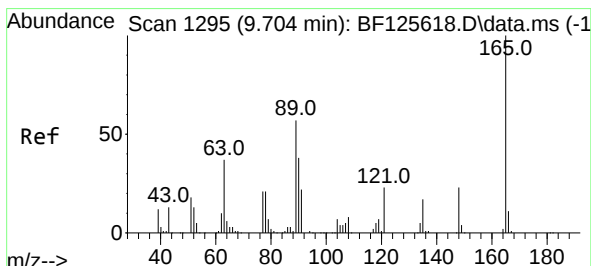
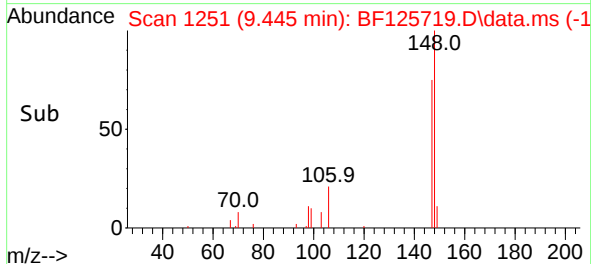
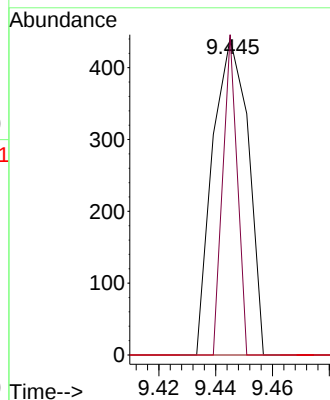
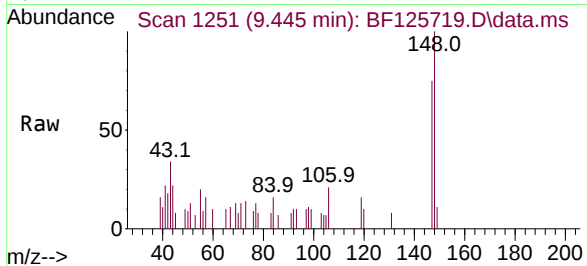




#48
2-Nitroaniline
Concen: 4.208 ng
RT: 9.445 min Scan# 1251
Delta R.T. -0.018 min
Lab File: BF125719.D
Acq: 29 Sep 2021 20:55

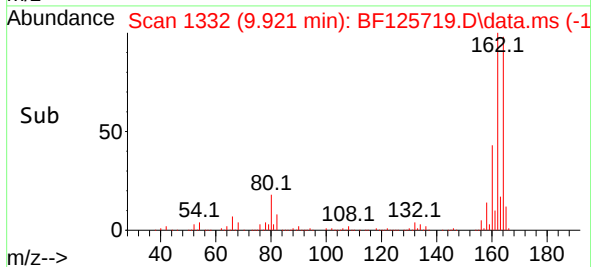
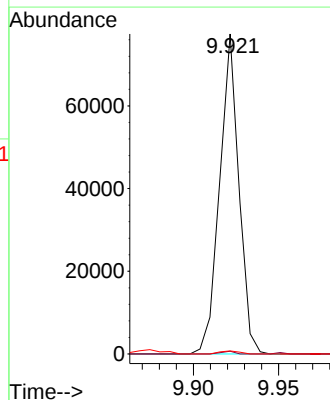
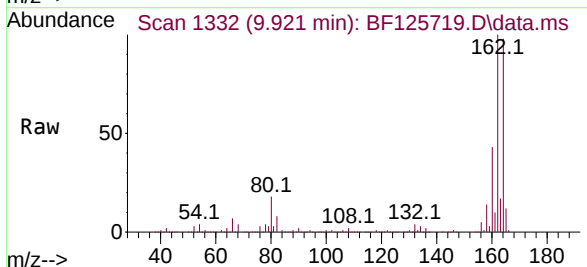
Instrument :
BNA_F
ClientSampled :
CC-17

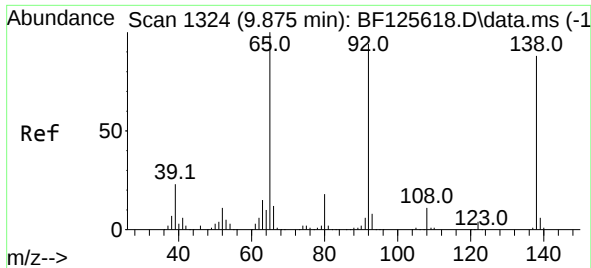
Tgt Ion: 65 Resp: 382
Ion Ratio Lower Upper
65 100
92 101.1 55.5 83.3#
138 0.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.532 ng
RT: 9.921 min Scan# 1332
Delta R.T. 0.217 min
Lab File: BF125719.D
Acq: 29 Sep 2021 20:55

Tgt Ion:165 Resp: 60786
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.0 40.6 60.8#

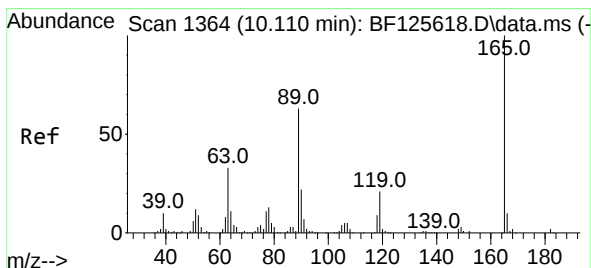
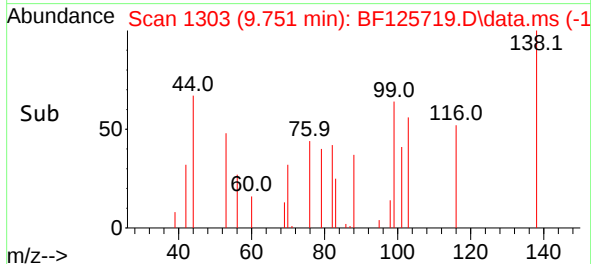
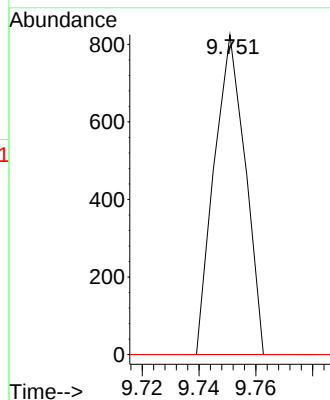
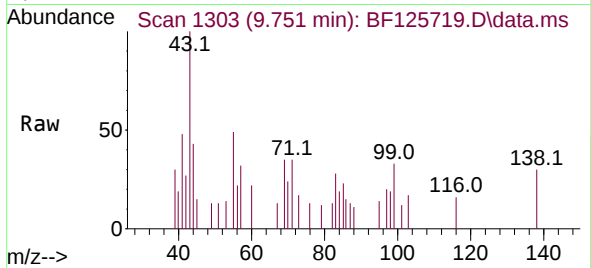




#53
3-Nitroaniline
Concen: 3.220 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.124 min
Lab File: BF125719.D
Acq: 29 Sep 2021 20:55

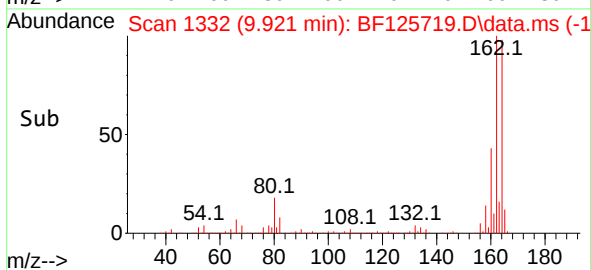
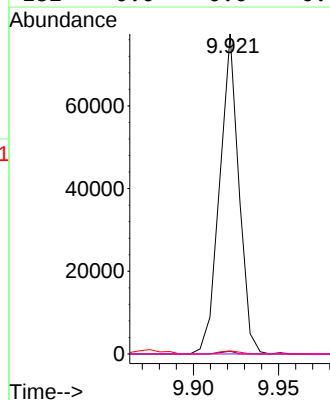
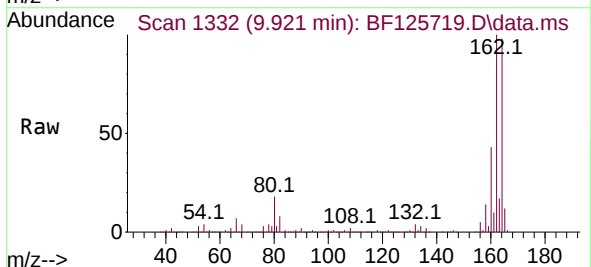
Instrument :
BNA_F
ClientSampleId :
CC-17

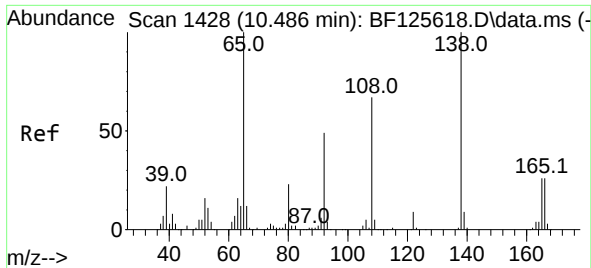
Tgt Ion:138 Resp: 623
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 0.0 76.5 114.7#



#57
2,4-Dinitrotoluene
Concen: 11.444 ng
RT: 9.921 min Scan# 1332
Delta R.T. -0.189 min
Lab File: BF125719.D
Acq: 29 Sep 2021 20:55

Tgt Ion:165 Resp: 60786
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

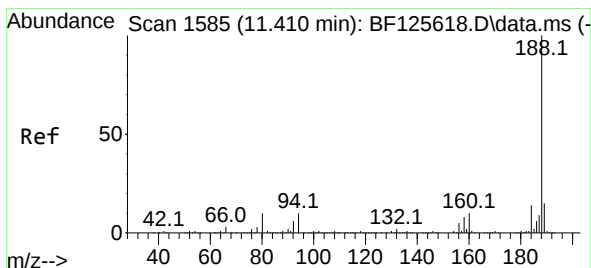
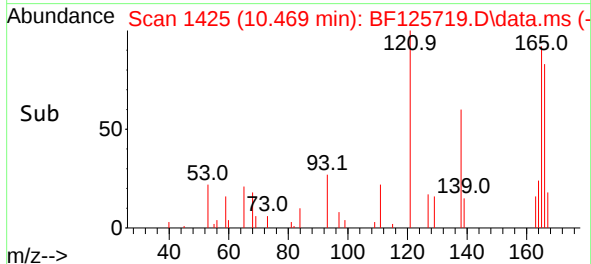
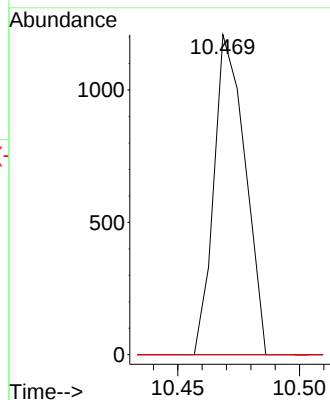
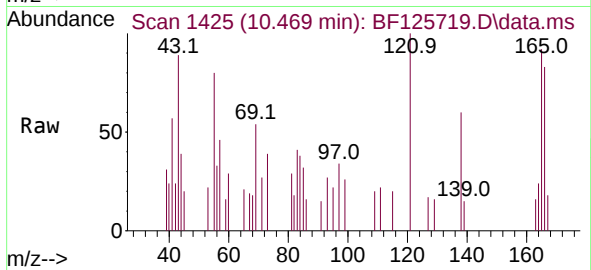




#62
4-Nitroaniline
Concen: 2.036 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.018 min
Lab File: BF125719.D
Acq: 29 Sep 2021 20:55

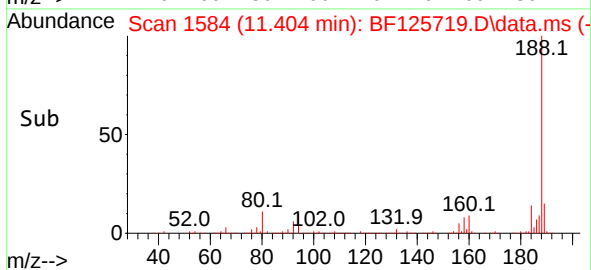
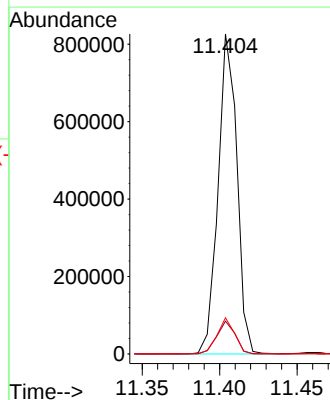
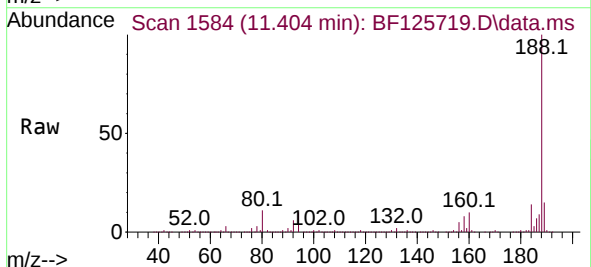
Instrument :
BNA_F
ClientSampled :
CC-17

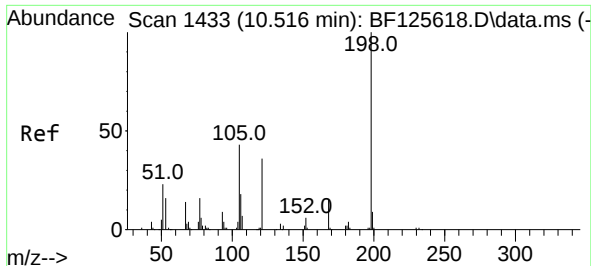
Tgt Ion:138 Resp: 1078
Ion Ratio Lower Upper
138 100
92 0.0 29.6 69.6#
108 0.0 78.1 118.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125719.D
Acq: 29 Sep 2021 20:55

Tgt Ion:188 Resp: 697260
Ion Ratio Lower Upper
188 100
94 10.3 6.7 10.1#
80 11.3 7.5 11.3#

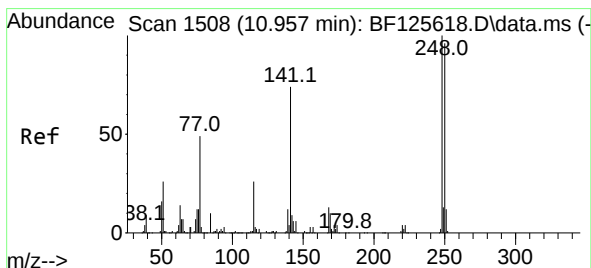
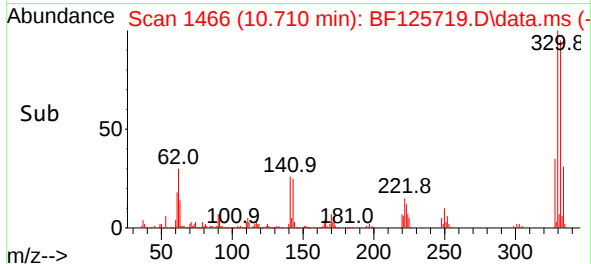
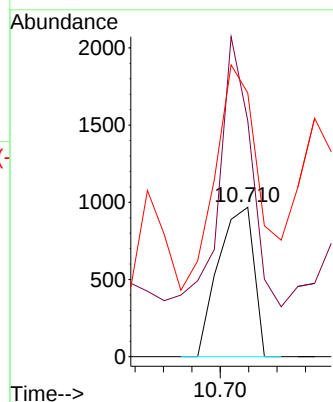
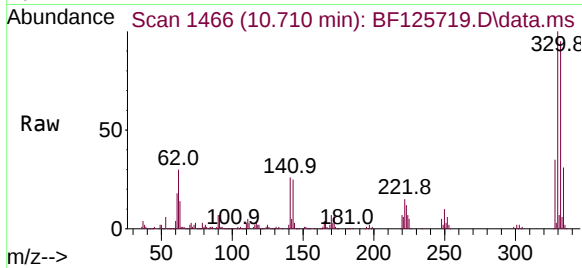




#65
4,6-Dinitro-2-methylphenol
Concen: 9.215 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125719.D
Acq: 29 Sep 2021 20:55

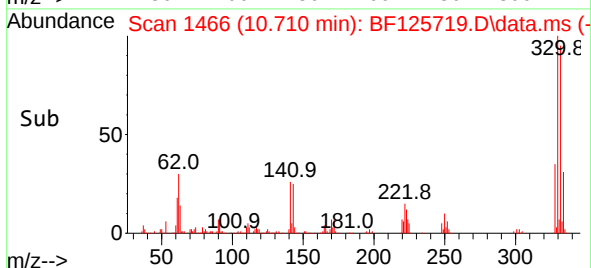
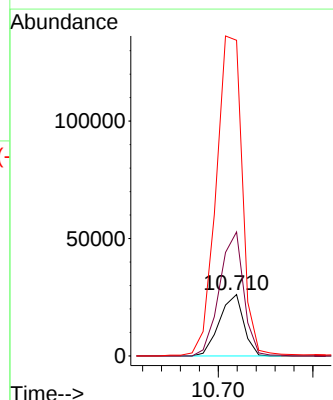
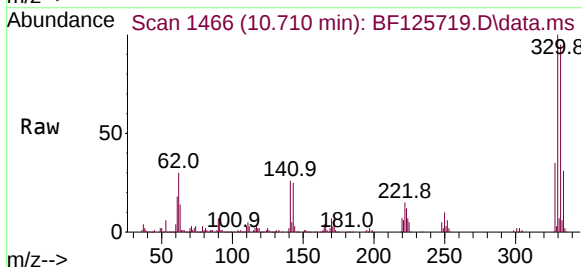
Instrument :
BNA_F
ClientSampled :
CC-17

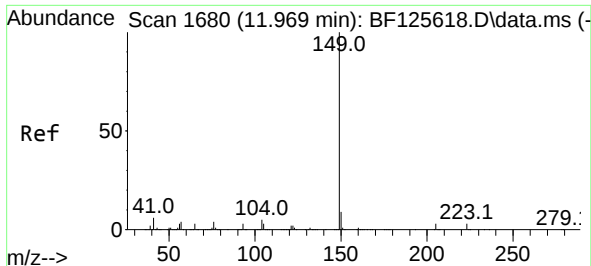
Tgt Ion:198 Resp: 842
Ion Ratio Lower Upper
198 100
51 158.0 45.3 85.3#
105 176.4 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.182 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125719.D
Acq: 29 Sep 2021 20:55

Tgt Ion:248 Resp: 23282
Ion Ratio Lower Upper
248 100
250 201.8 74.2 111.4#
141 513.4 60.4 90.6#

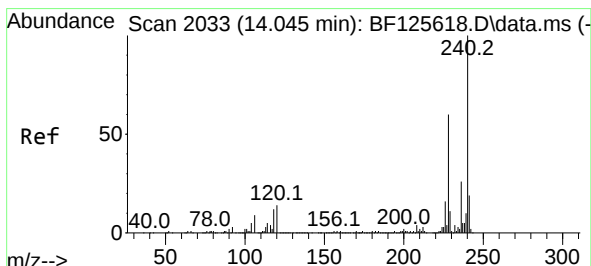
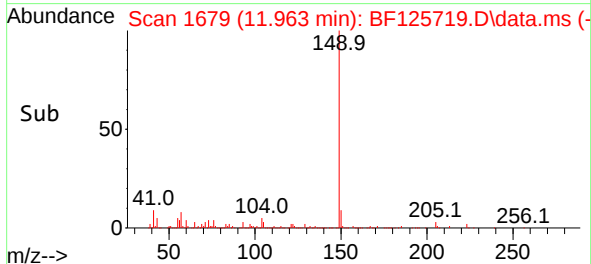
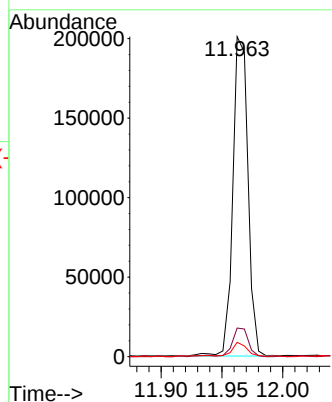
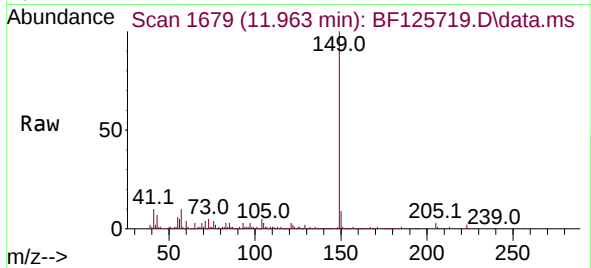




#74
Di-n-butylphthalate
Concen: 4.545 ng
RT: 11.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BF125719.D
Acq: 29 Sep 2021 20:55

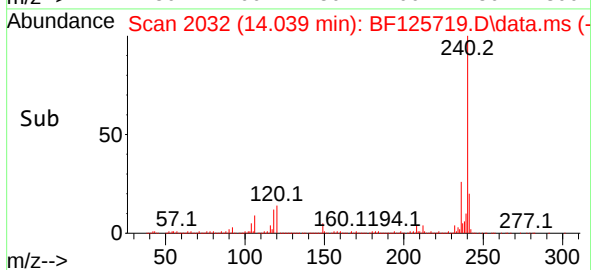
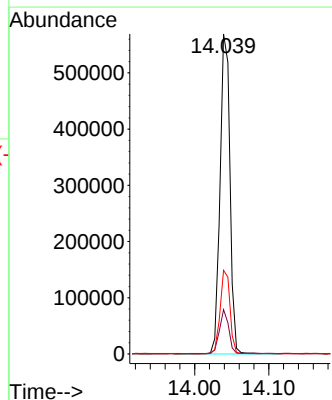
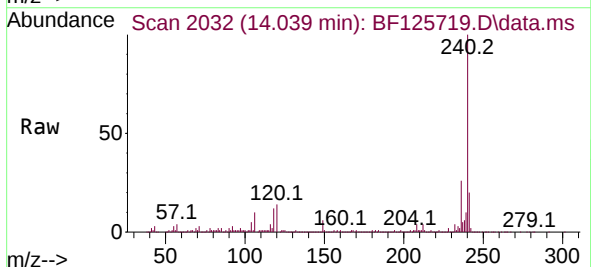
Instrument :
BNA_F
ClientSampleId :
CC-17

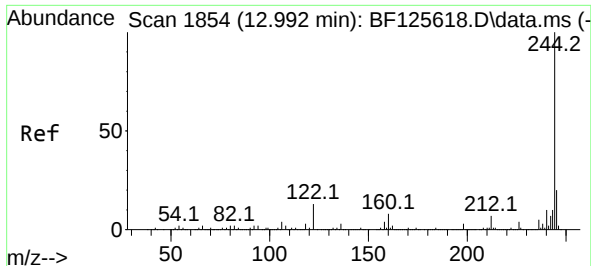
Tgt Ion:149 Resp: 174227
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.2
104 4.5 4.1 6.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125719.D
Acq: 29 Sep 2021 20:55

Tgt Ion:240 Resp: 527615
Ion Ratio Lower Upper
240 100
120 13.8 10.8 16.2
236 26.1 21.6 32.4

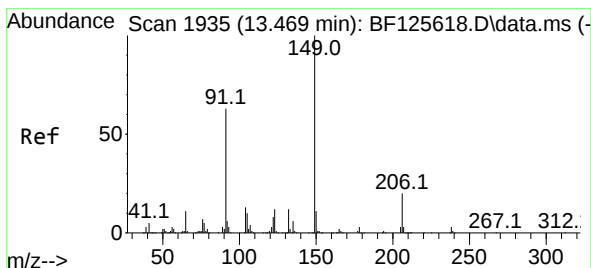
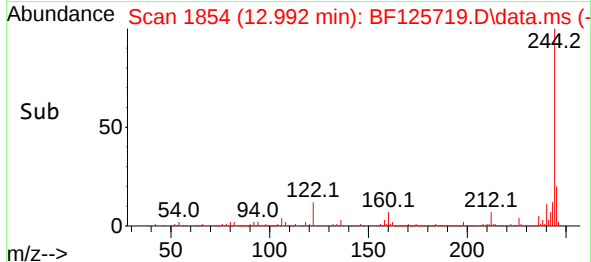
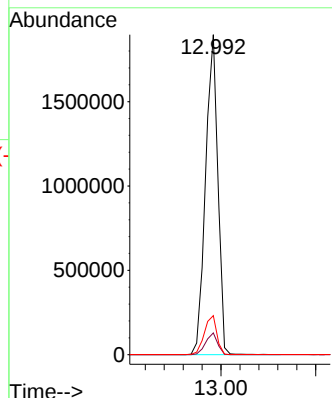
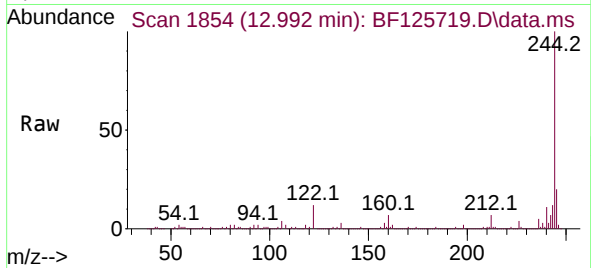




#79
 Terphenyl-d14
 Concen: 55.912 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF125719.D
 Acq: 29 Sep 2021 20:55

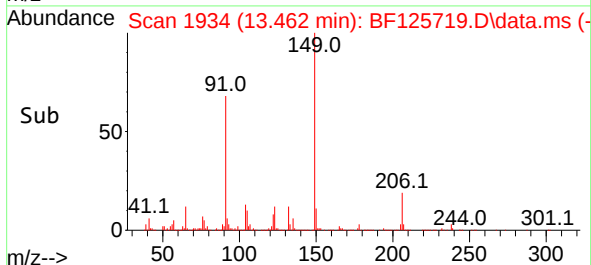
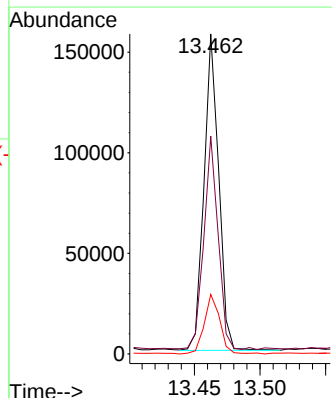
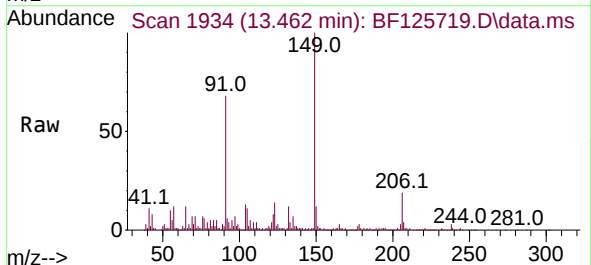
Instrument :
 BNA_F
 ClientSampled :
 CC-17

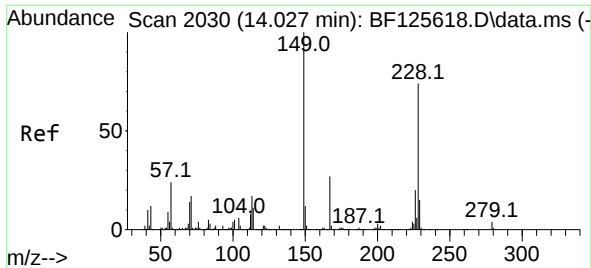
Tgt Ion:244 Resp: 1703456
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 12.2 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 7.788 ng
 RT: 13.462 min Scan# 1934
 Delta R.T. -0.007 min
 Lab File: BF125719.D
 Acq: 29 Sep 2021 20:55

Tgt Ion:149 Resp: 122974
 Ion Ratio Lower Upper
 149 100
 91 68.1 51.8 77.8
 206 18.6 14.5 21.7

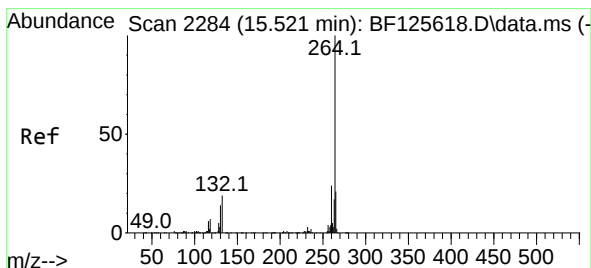
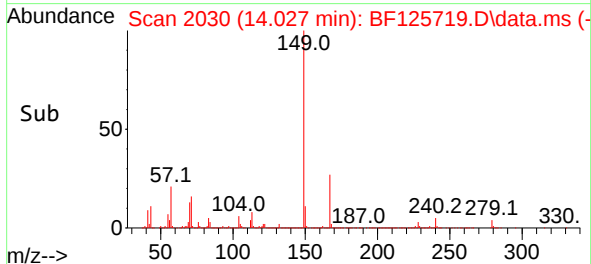
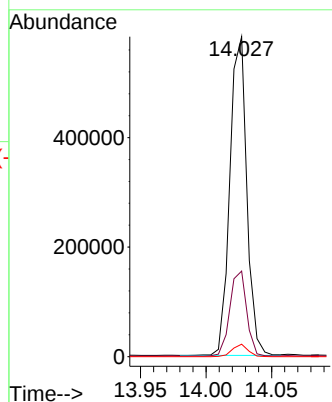
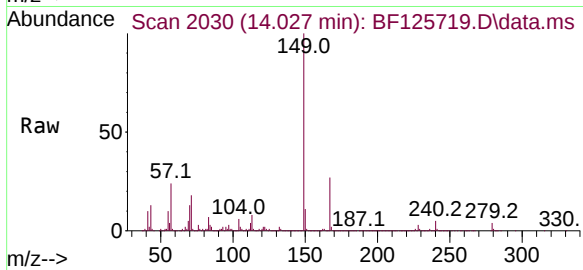




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 28.918 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. 0.000 min
 Lab File: BF125719.D
 Acq: 29 Sep 2021 20:55

Instrument :
 BNA_F
 ClientSampleId :
 CC-17

Tgt Ion:149 Resp: 522725
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.4 32.0
 279 3.9 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: BF125719.D
 Acq: 29 Sep 2021 20:55

Tgt Ion:264 Resp: 484155
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 22.3 17.2 25.8

