

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
 Data File : BF125707.D
 Acq On : 29 Sep 2021 12:48
 Operator : JU/CG
 Sample : M3965-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-21

Quant Time: Sep 29 13:40:35 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)

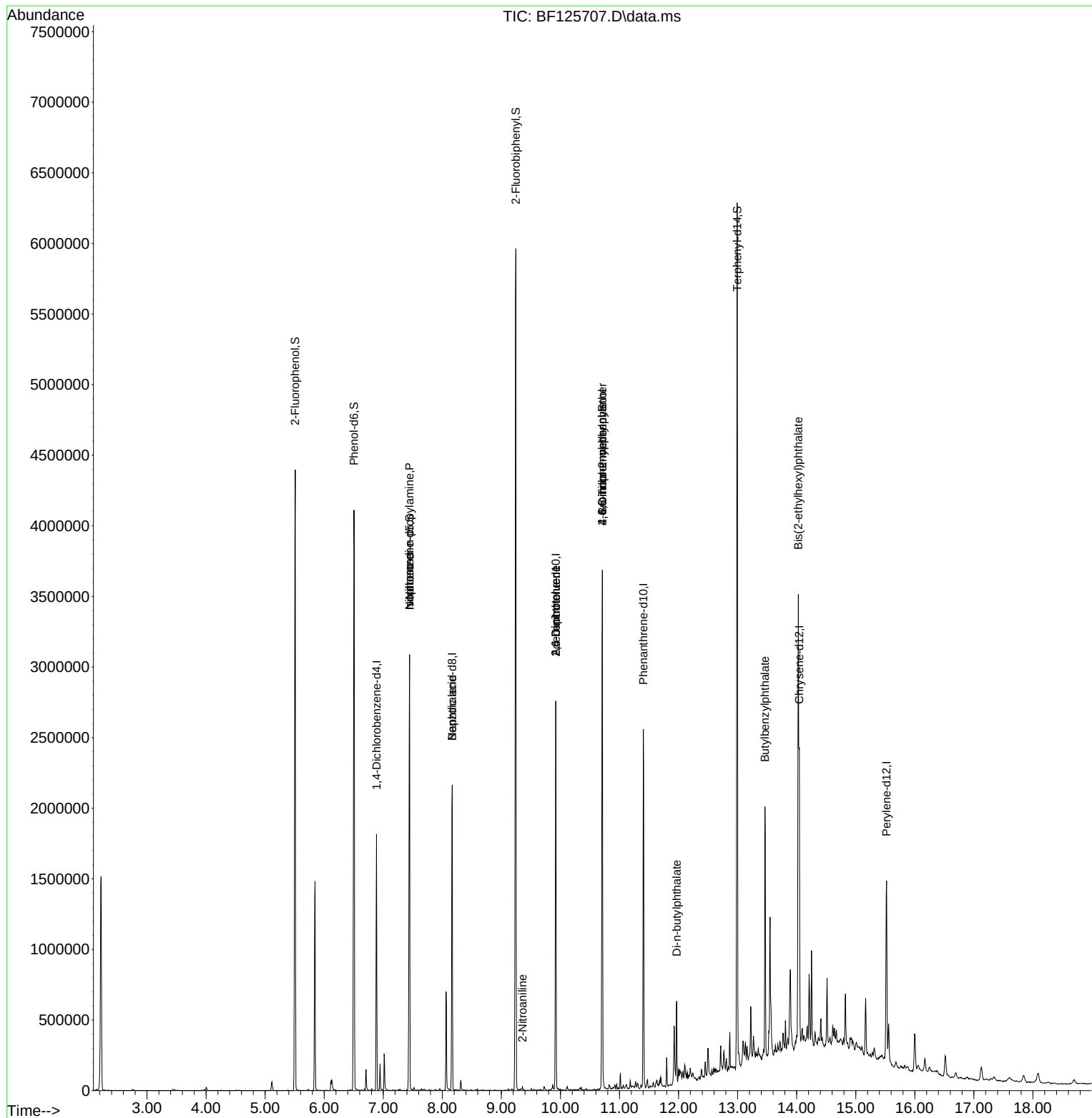
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	259688	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1057269	20.000	ng	# 0.00
39) Acenaphthene-d10	9.921	164	548281	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	955074	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	668494	20.000	ng	0.00
86) Perylene-d12	15.521	264	577634	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1440540	91.394	ng	0.00
7) Phenol-d6	6.504	99	1793235	84.624	ng	0.00
23) Nitrobenzene-d5	7.445	82	1063428	70.157	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	501829	98.167	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2106414	66.049	ng	0.00
79) Terphenyl-d14	12.992	244	2170556	56.229	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.433	77	463	Below Cal	#	81
19) n-Nitroso-di-n-propyla...	7.445	70	132985	11.022	ng	# 50
25) Isophorone	7.445	82	1060179	31.231	ng	# 59
32) Benzoic acid	8.169	122	131	8.638	ng	# 1
48) 2-Nitroaniline	9.357	65	133	4.173	ng	# 1
51) 2,6-Dinitrotoluene	9.921	165	71347	12.785	ng	# 28
57) 2,4-Dinitrotoluene	9.921	165	71347	11.644	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.710	198	1010	9.190	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	27580	2.752	ng	# 1
74) Di-n-butylphthalate	11.968	149	302302	5.757	ng	# 98
80) Butylbenzylphthalate	13.462	149	434859	21.736	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	952603	41.594	ng	99

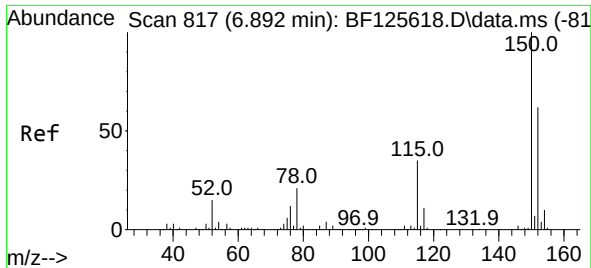
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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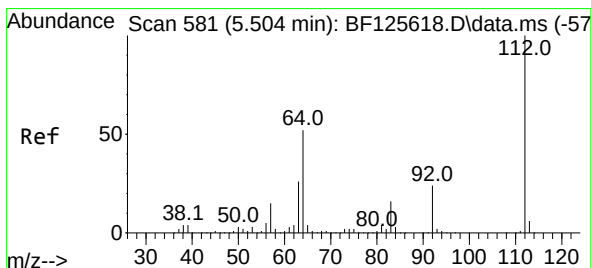
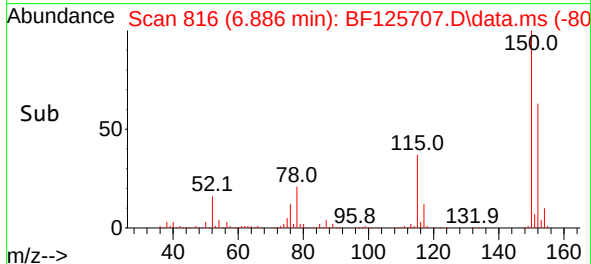
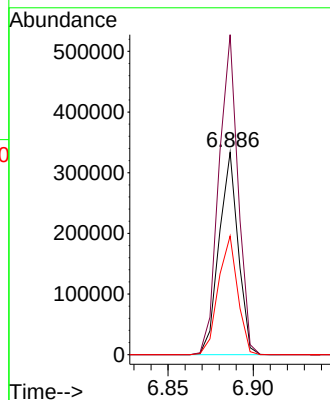
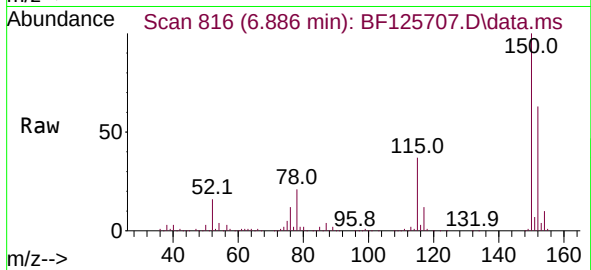




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

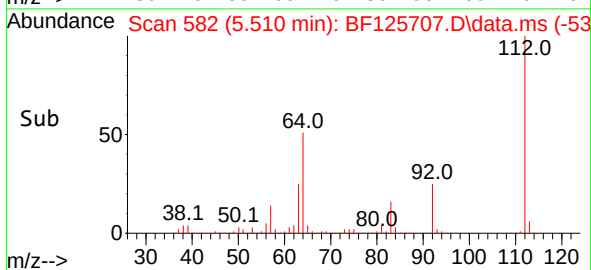
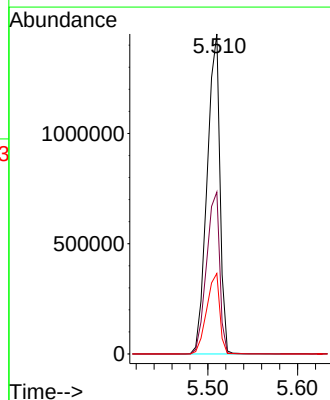
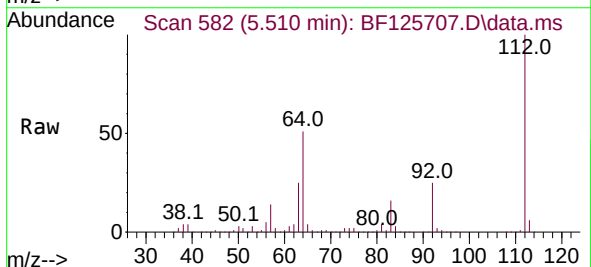
Instrument :
BNA_F
ClientSampleId :
CC-21

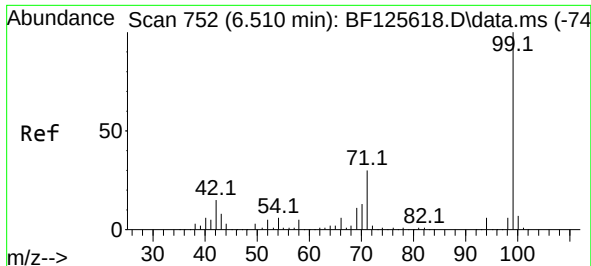
Tgt Ion:152 Resp: 259688
Ion Ratio Lower Upper
152 100
150 158.1 117.6 176.4
115 58.7 47.1 70.7



#5
2-Fluorophenol
Concen: 91.394 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

Tgt Ion:112 Resp: 1440540
Ion Ratio Lower Upper
112 100
64 50.6 44.2 66.2
63 25.1 26.2 39.2#

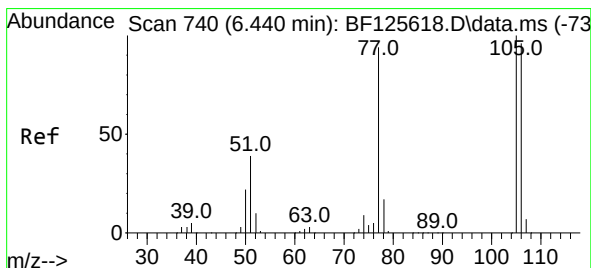
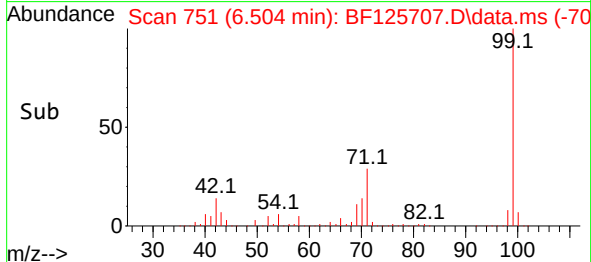
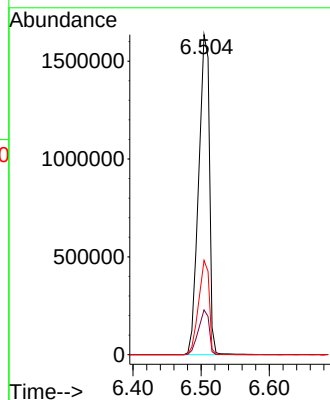
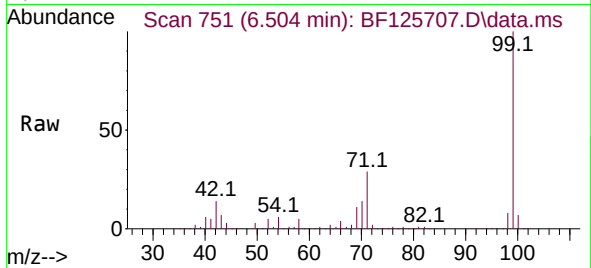




#7
Phenol-d6
Concen: 84.624 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

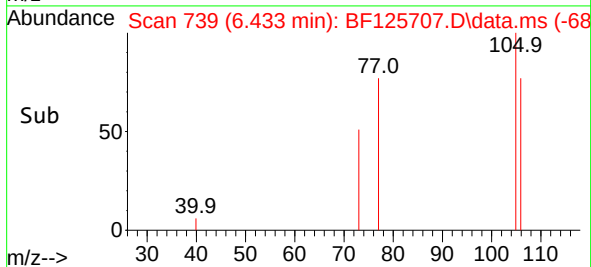
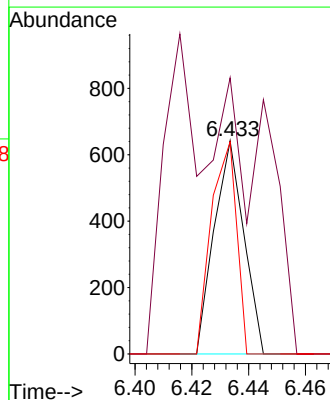
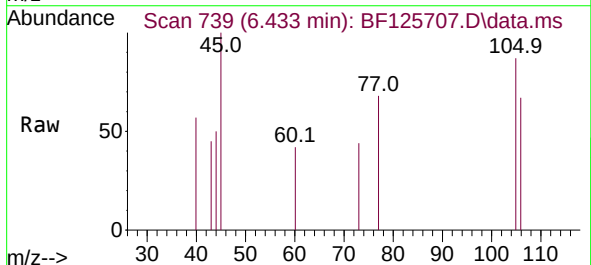
Instrument :
BNA_F
ClientSampled :
CC-21

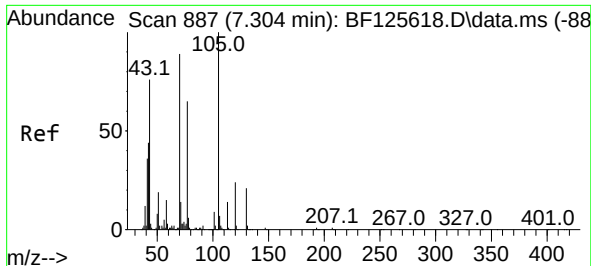
Tgt Ion: 99 Resp: 1793235
Ion Ratio Lower Upper
99 100
42 14.0 23.5 35.3#
71 29.5 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.433 min Scan# 739
Delta R.T. -0.007 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

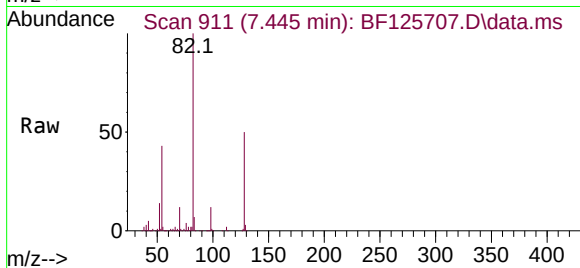
Tgt Ion: 77 Resp: 463
Ion Ratio Lower Upper
77 100
105 129.6 75.9 115.9#
106 99.5 84.0 124.0



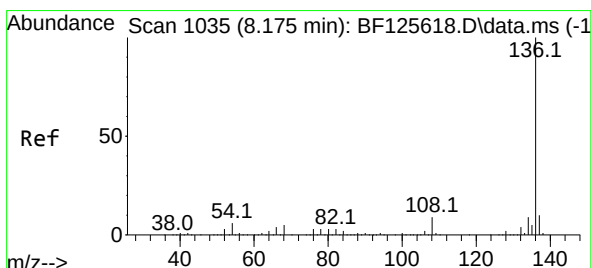
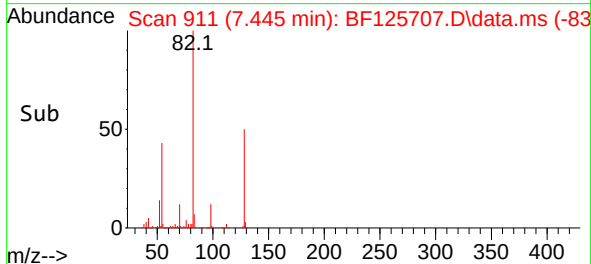
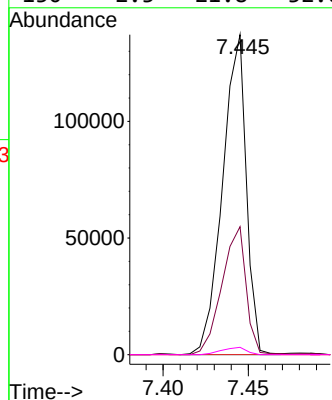


#19
n-Nitroso-di-n-propylamine
Concen: 11.022 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

Instrument :
BNA_F
ClientSampled :
CC-21

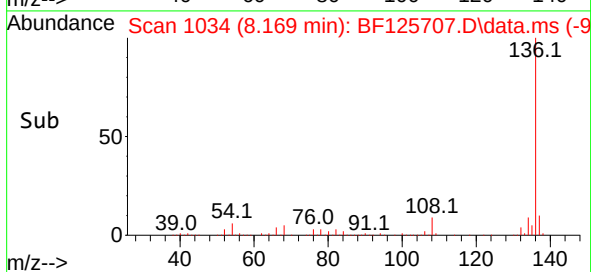
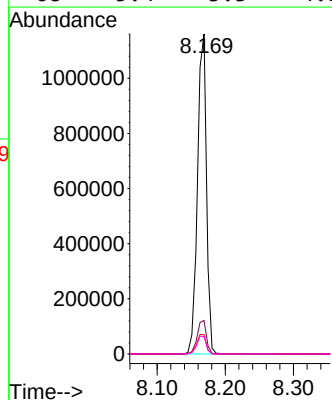
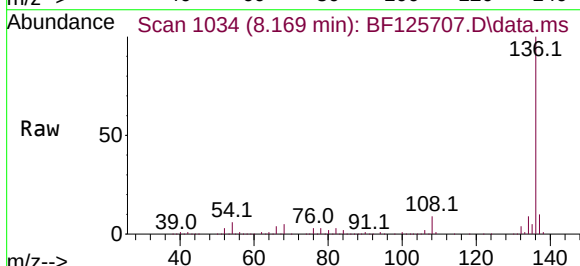


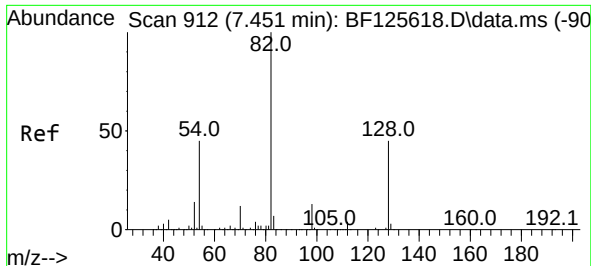
Tgt Ion: 70 Resp: 132985
Ion Ratio Lower Upper
70 100
42 40.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

Tgt Ion: 136 Resp: 1057269
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 6.0 6.4 9.6#
68 5.4 3.3 4.9#

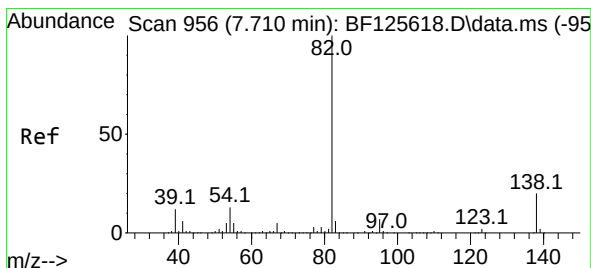
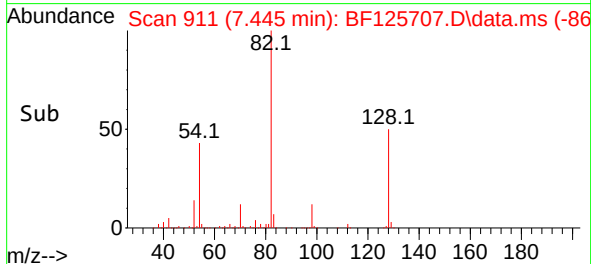
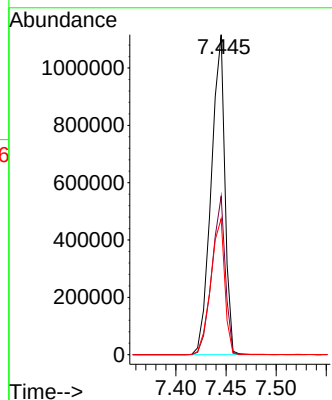
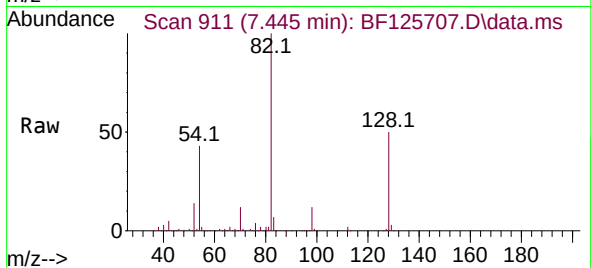




#23
Nitrobenzene-d5
Concen: 70.157 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

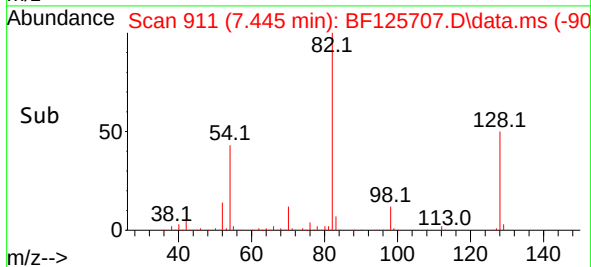
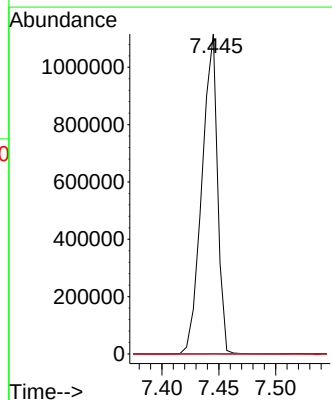
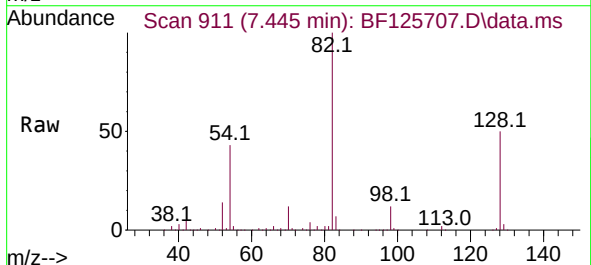
Instrument :
BNA_F
ClientSampleId :
CC-21

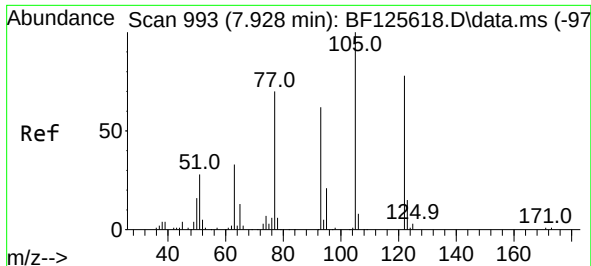
Tgt Ion: 82 Resp: 1063428
Ion Ratio Lower Upper
82 100
128 49.5 40.6 60.8
54 42.5 49.6 74.4#



#25
Isophorone
Concen: 31.231 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

Tgt Ion: 82 Resp: 1060179
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

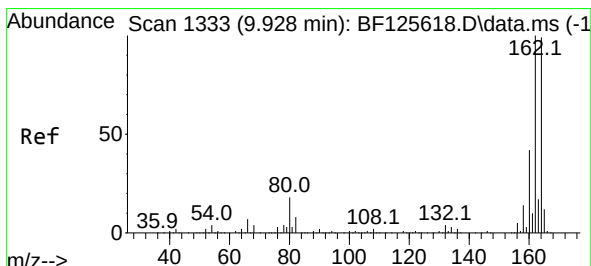
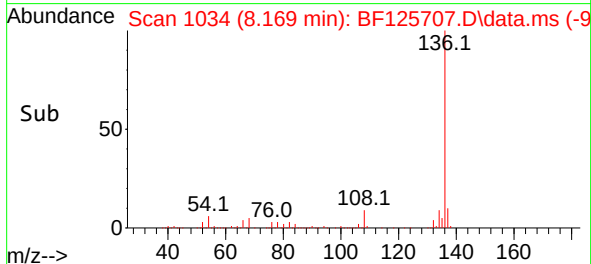
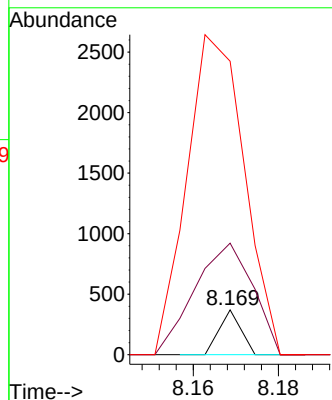
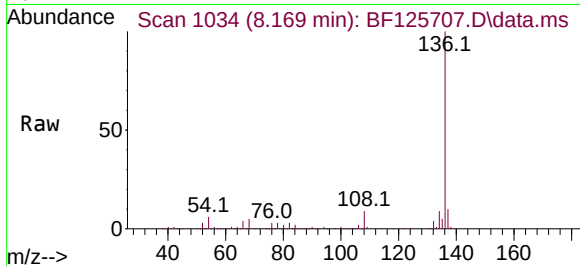




#32
Benzoic acid
Concen: 8.638 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.241 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

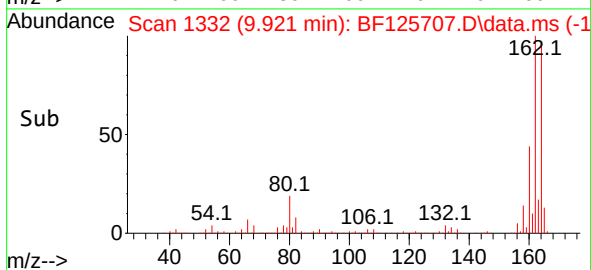
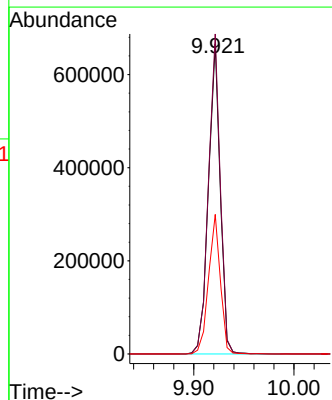
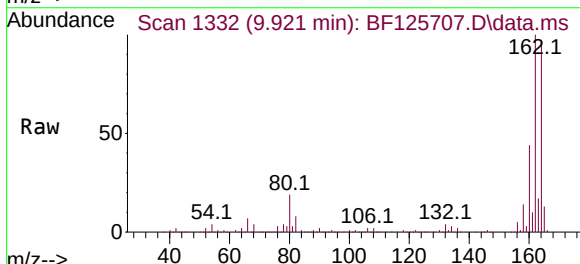
Instrument :
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ClientSampled :
CC-21

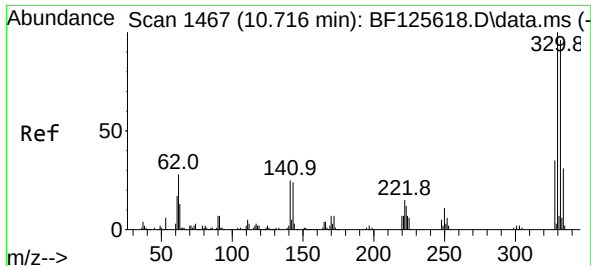
Tgt Ion:122 Resp: 131
Ion Ratio Lower Upper
122 100
105 248.5 97.6 137.6#
77 653.4 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.921 min Scan# 1332
Delta R.T. -0.007 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

Tgt Ion:164 Resp: 548281
Ion Ratio Lower Upper
164 100
162 103.2 81.3 121.9
160 45.0 38.0 57.0

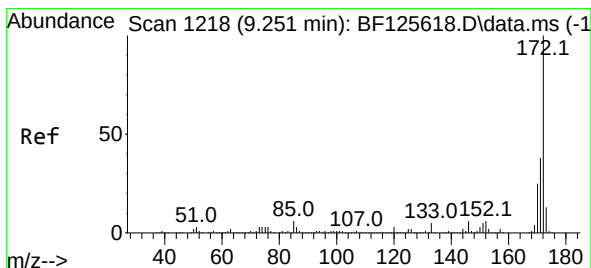
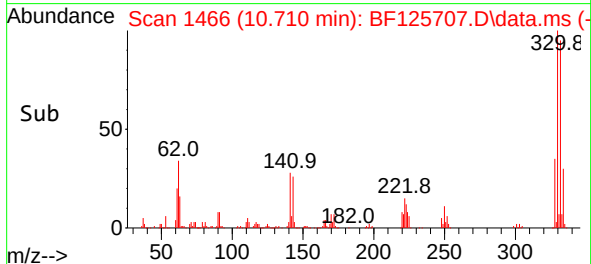
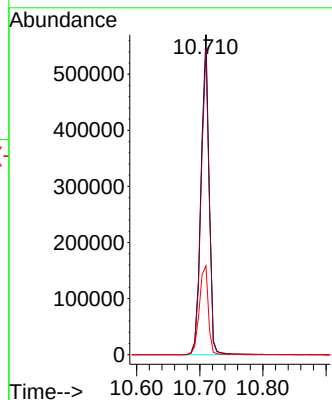
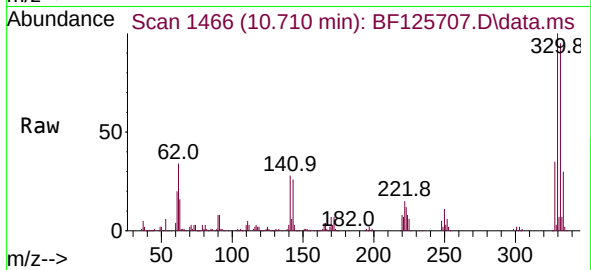




#42
2,4,6-Tribromophenol
Concen: 98.167 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

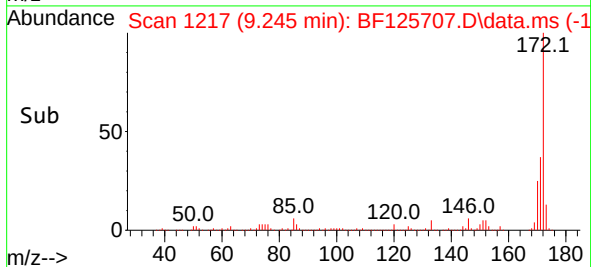
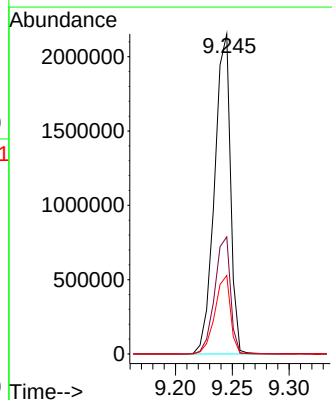
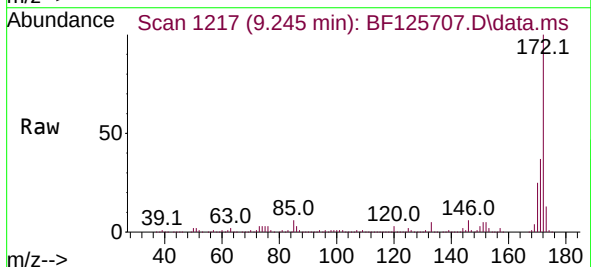
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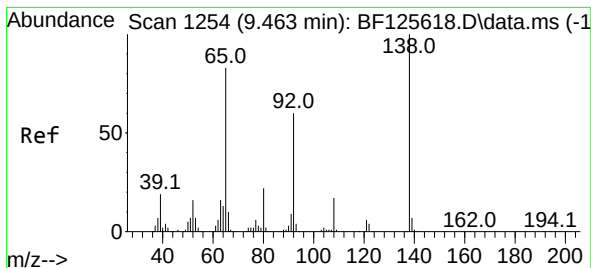
Tgt Ion:330 Resp: 501829
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 30.7 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 66.049 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

Tgt Ion:172 Resp: 2106414
Ion Ratio Lower Upper
172 100
171 36.6 26.5 39.7
170 24.5 18.8 28.2

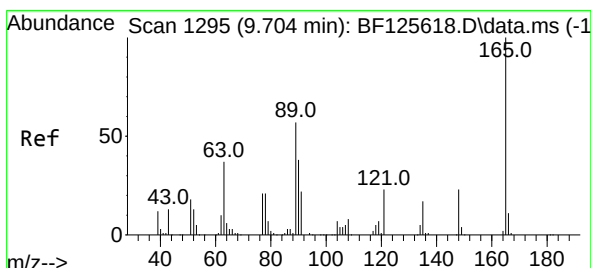
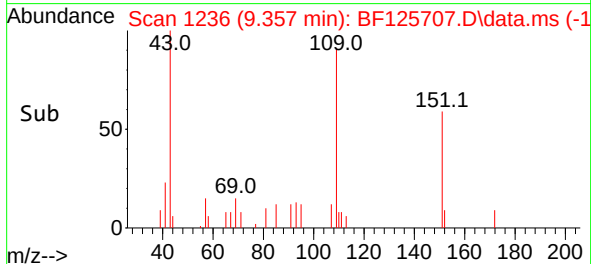
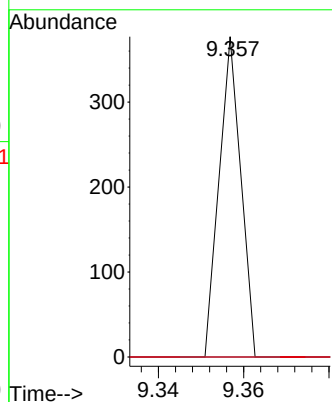
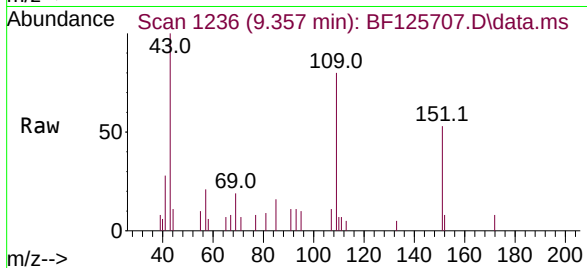




#48
2-Nitroaniline
Concen: 4.173 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.106 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

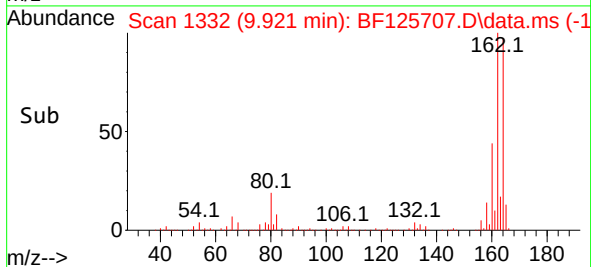
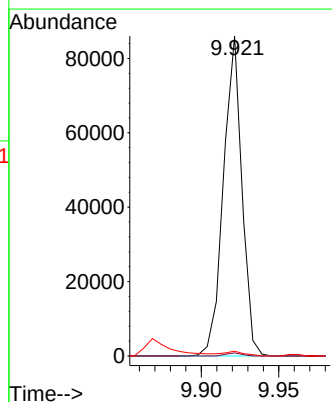
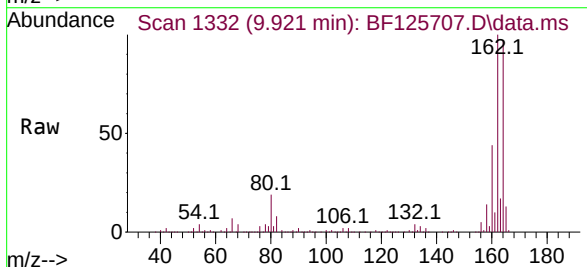
Instrument :
BNA_F
ClientSampled :
CC-21

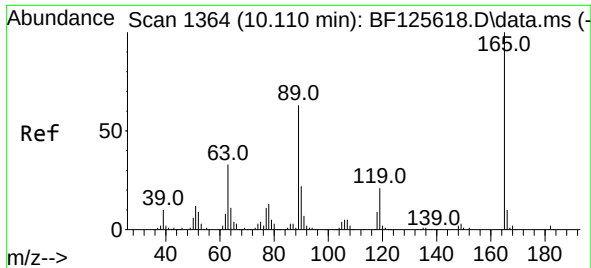
Tgt Ion: 65 Resp: 133
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.785 ng
RT: 9.921 min Scan# 1332
Delta R.T. 0.217 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

Tgt Ion: 165 Resp: 71347
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.5 40.6 60.8#

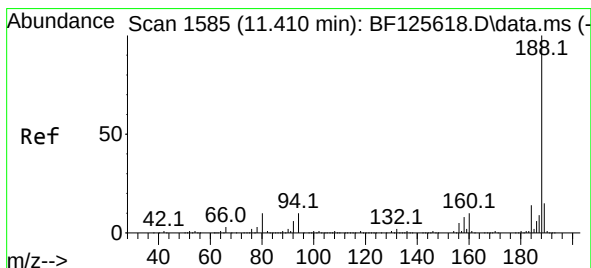
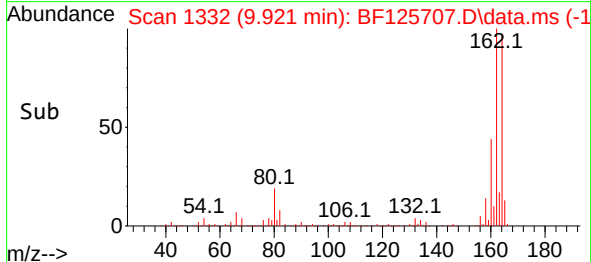
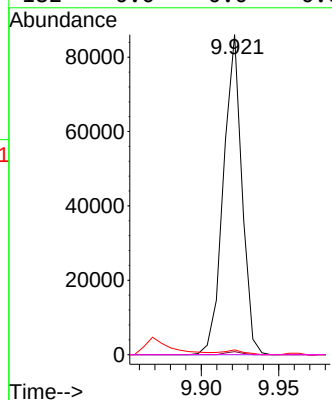
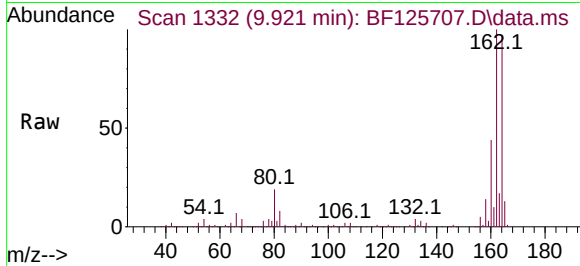




#57
2,4-Dinitrotoluene
Concen: 11.644 ng
RT: 9.921 min Scan# 1332
Delta R.T. -0.189 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

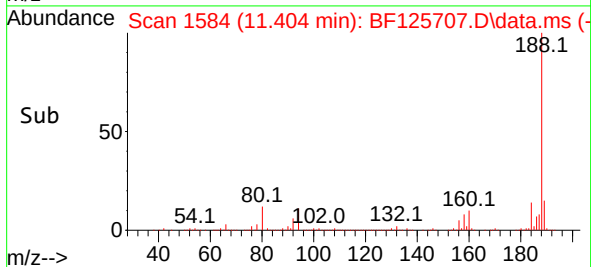
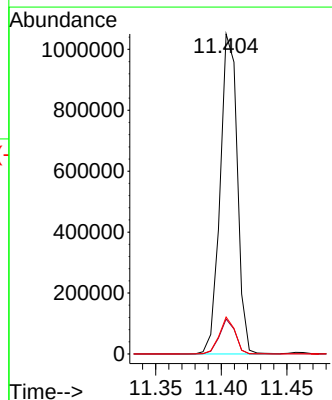
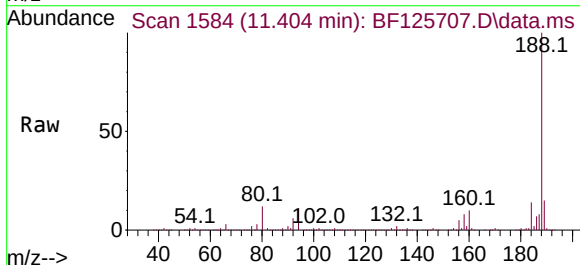
Instrument :
BNA_F
ClientSampled :
CC-21

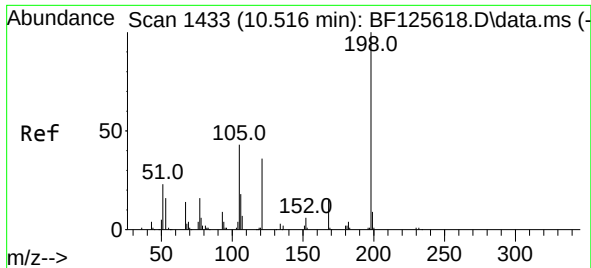
Tgt Ion:165	Resp:	71347
Ion Ratio	Lower	Upper
165	100	
63	0.9	40.9 61.3#
89	1.5	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

Tgt Ion:188	Resp:	955074
Ion Ratio	Lower	Upper
188	100	
94	10.9	6.7 10.1#
80	11.6	7.5 11.3#

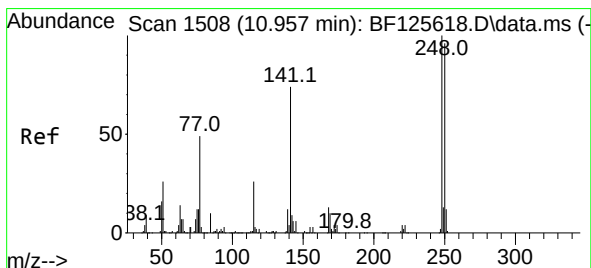
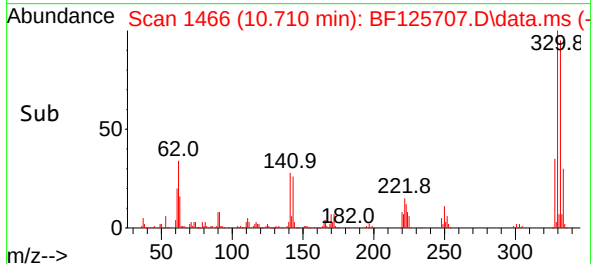
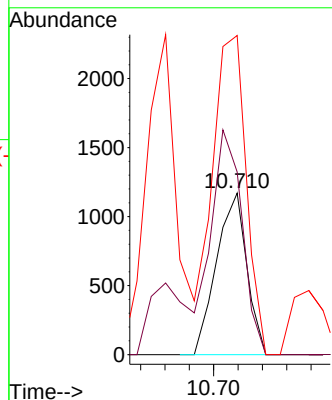
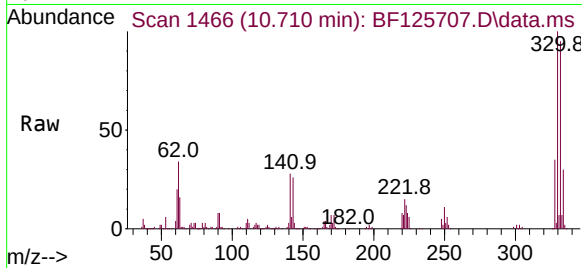




#65
4,6-Dinitro-2-methylphenol
Concen: 9.190 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

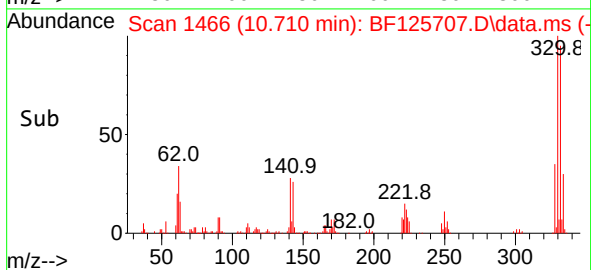
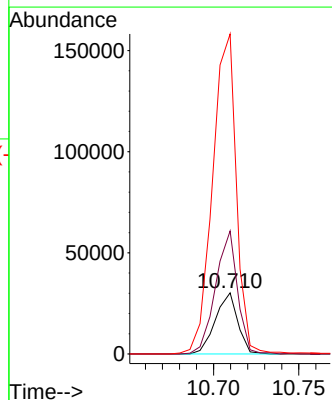
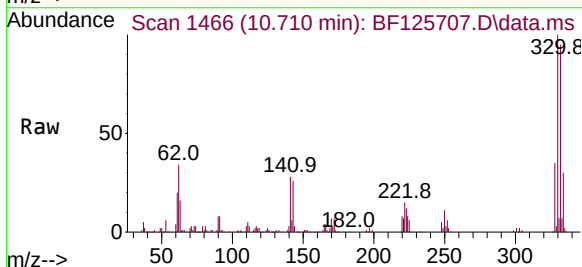
Instrument :
BNA_F
ClientSampled :
CC-21

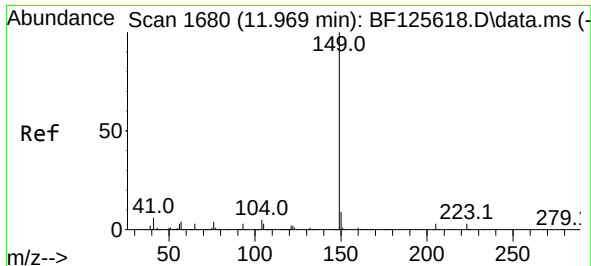
Tgt Ion:198 Resp: 1010
Ion Ratio Lower Upper
198 100
51 113.2 45.3 85.3#
105 197.6 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 2.752 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

Tgt Ion:248 Resp: 27580
Ion Ratio Lower Upper
248 100
250 201.6 74.2 111.4#
141 524.1 60.4 90.6#

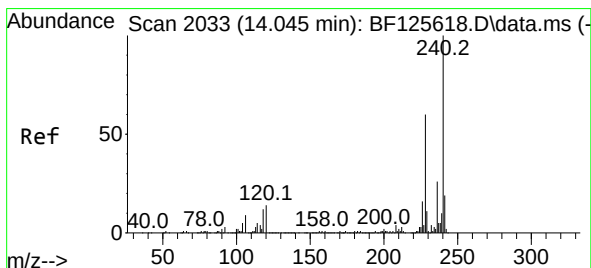
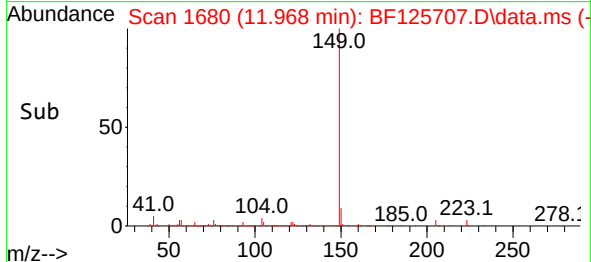
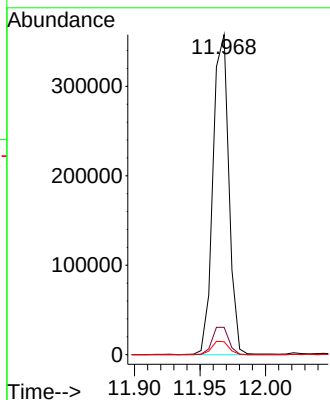
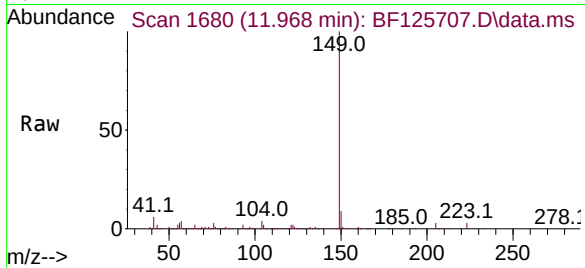




#74
Di-n-butylphthalate
Concen: 5.757 ng
RT: 11.968 min Scan# 1680
Delta R.T. -0.001 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

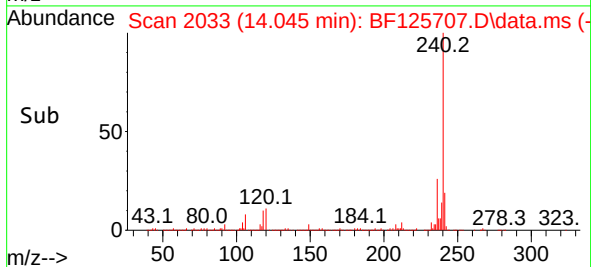
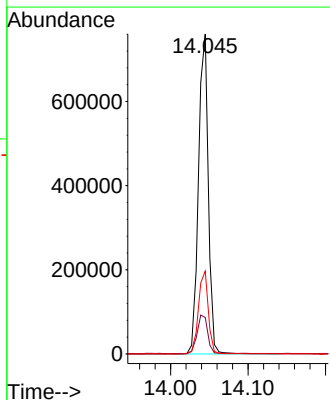
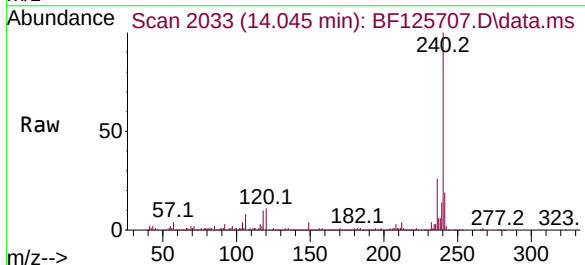
Instrument :
BNA_F
ClientSampleId :
CC-21

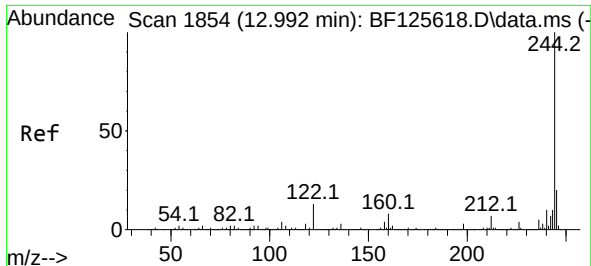
Tgt Ion:149 Resp: 302302
Ion Ratio Lower Upper
149 100
150 8.6 7.4 11.2
104 4.1 4.1 6.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

Tgt Ion:240 Resp: 668494
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 25.9 21.6 32.4

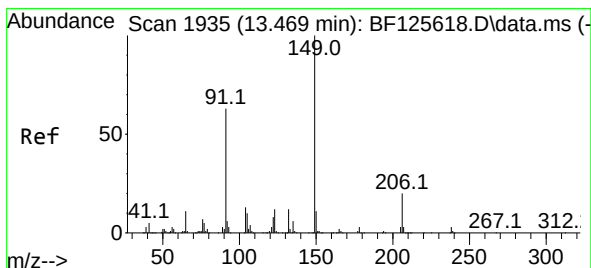
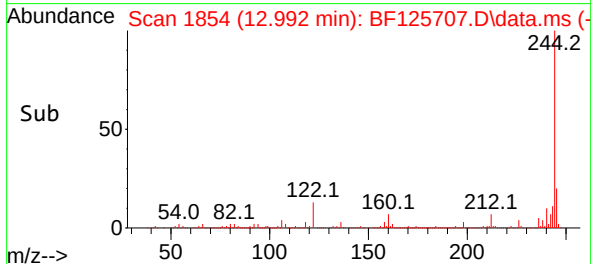
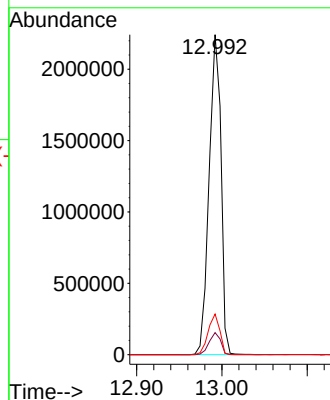
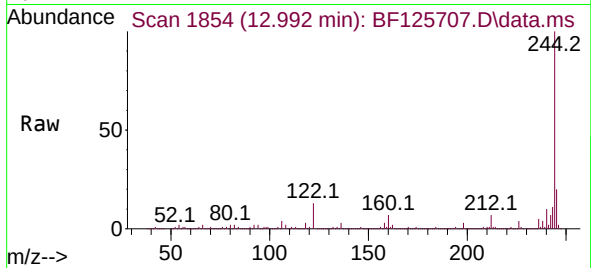




#79
 Terphenyl-d14
 Concen: 56.229 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF125707.D
 Acq: 29 Sep 2021 12:48

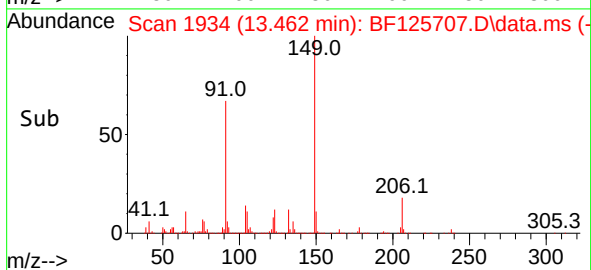
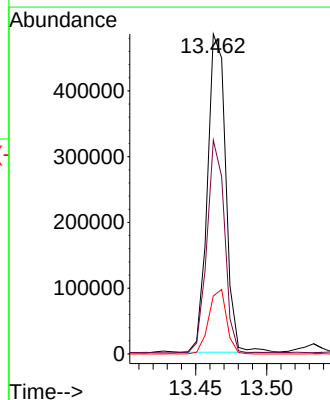
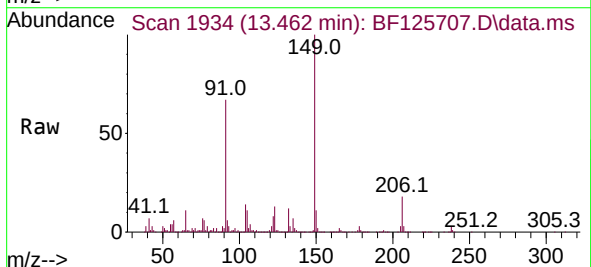
Instrument :
 BNA_F
 ClientSampled :
 CC-21

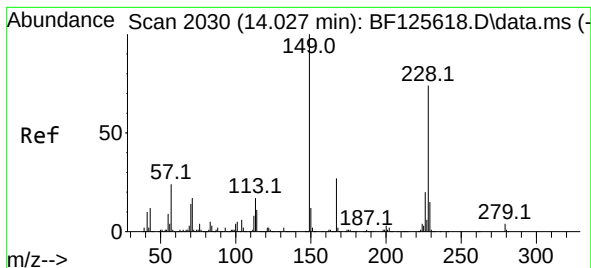
Tgt Ion:244 Resp: 2170556
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 12.7 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 21.736 ng
 RT: 13.462 min Scan# 1934
 Delta R.T. -0.007 min
 Lab File: BF125707.D
 Acq: 29 Sep 2021 12:48

Tgt Ion:149 Resp: 434859
 Ion Ratio Lower Upper
 149 100
 91 66.8 51.8 77.8
 206 18.2 14.5 21.7

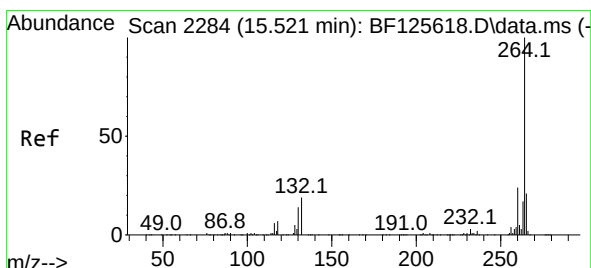
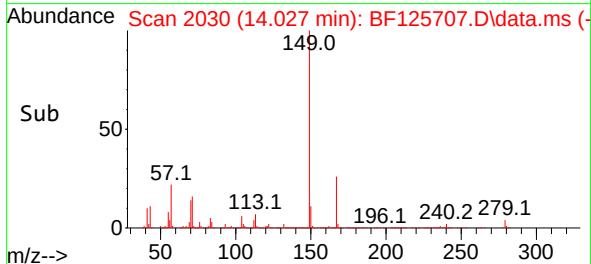
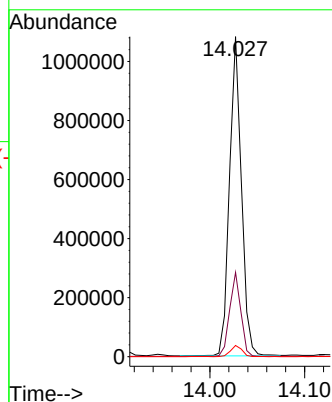
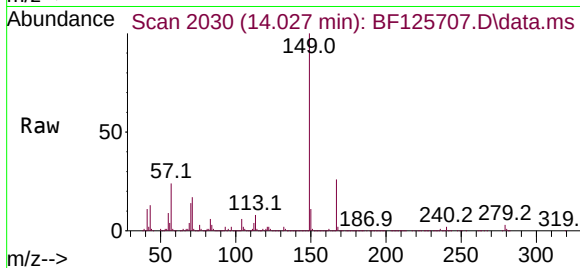




#84
Bis(2-ethylhexyl)phthalate
Concen: 41.594 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

Instrument :
BNA_F
ClientSampled :
CC-21

Tgt Ion:149 Resp: 952603
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.0
279 3.5 2.6 4.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF125707.D
Acq: 29 Sep 2021 12:48

Tgt Ion:264 Resp: 577634
Ion Ratio Lower Upper
264 100
260 25.0 19.6 29.4
265 21.2 17.2 25.8

