

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
 Data File : BF125715.D
 Acq On : 29 Sep 2021 18:51
 Operator : JU/CG
 Sample : M3964-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-4

Quant Time: Sep 30 03:27:58 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)

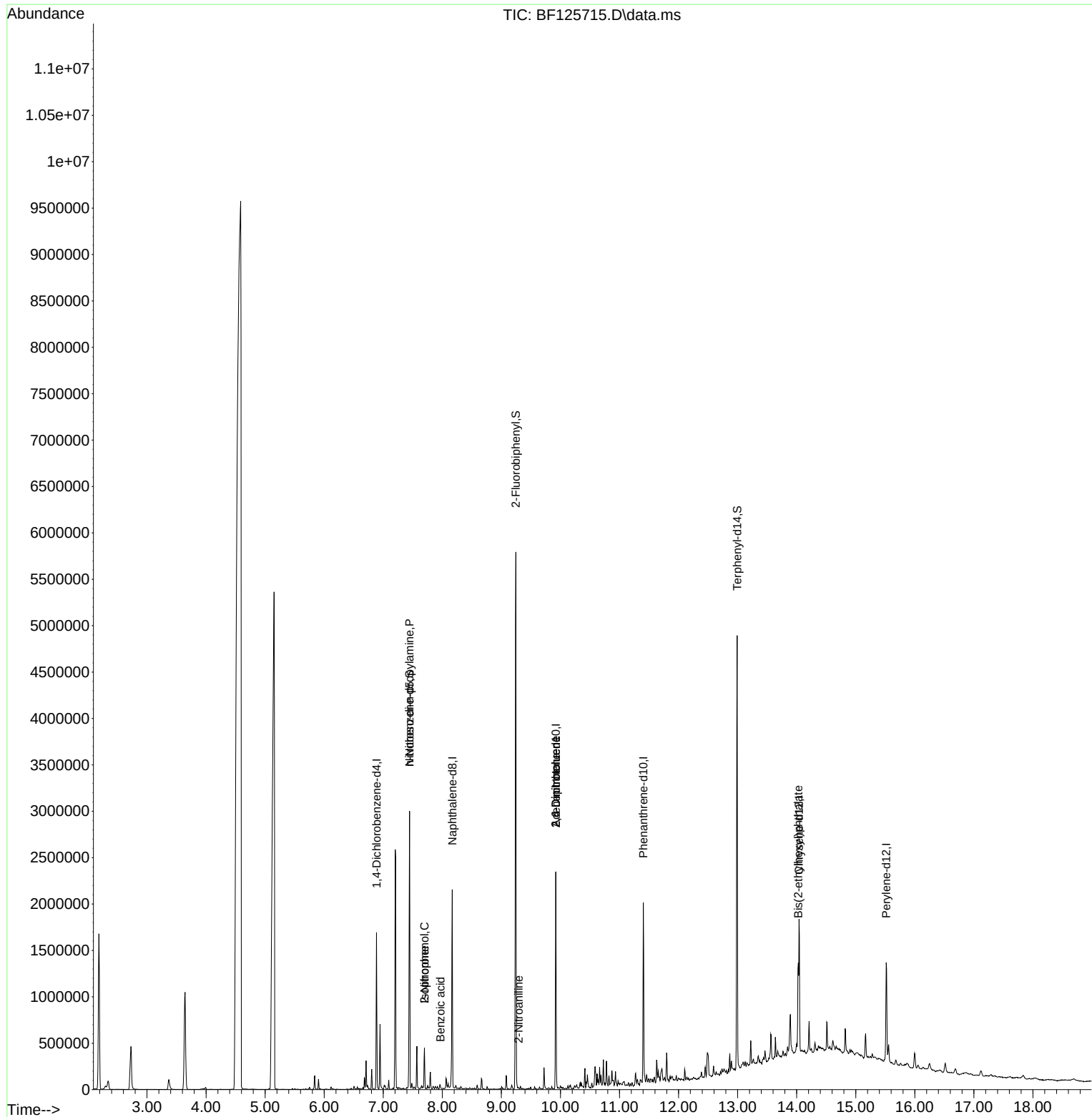
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	228857	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	925460	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	453313	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	685644	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	484662	20.000	ng	0.00
86) Perylene-d12	15.515	264	483974	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	2028	0.146	ng	0.00
7) Phenol-d6	6.504	99	12086	0.647	ng	0.00
23) Nitrobenzene-d5	7.445	82	935265	70.489	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.245	172	1848191	71.065	ng	0.00
79) Terphenyl-d14	12.992	244	1553008	55.491	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.439	77	283	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	119878	11.274	ng	# 50
25) Isophorone	7.698	82	153581	5.169	ng	95
26) 2-Nitrophenol	7.698	139	2871	6.091	ng	# 48
32) Benzoic acid	7.969	122	539	8.674	ng	# 1
48) 2-Nitroaniline	9.292	65	111	4.173	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	57281	12.534	ng	# 28
57) 2,4-Dinitrotoluene	9.922	165	57281	11.446	ng	# 20
84) Bis(2-ethylhexyl)phtha...	14.027	149	282789	17.031	ng	# 98

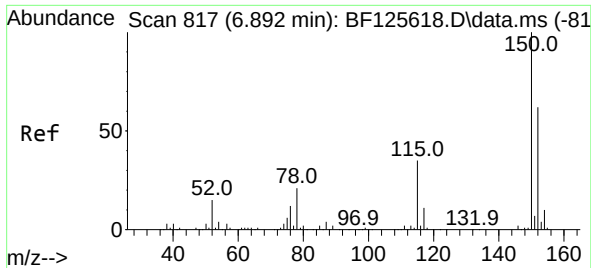
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
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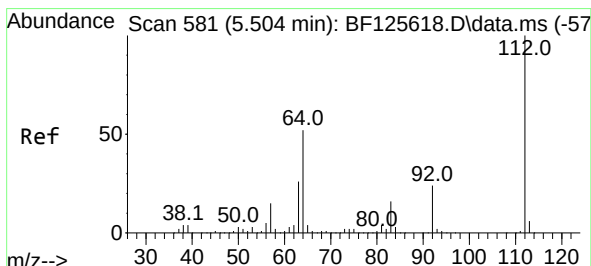
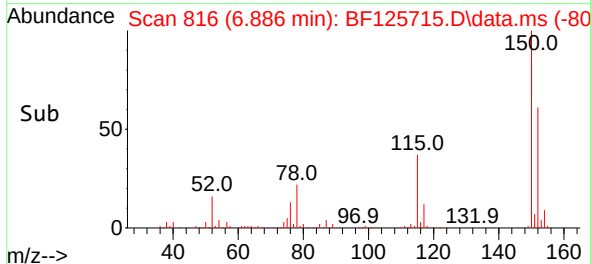
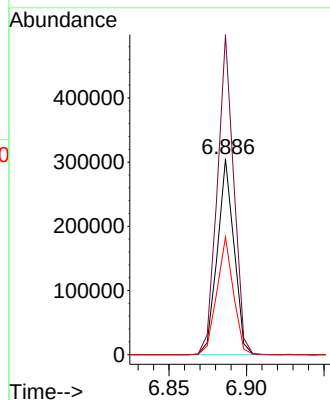
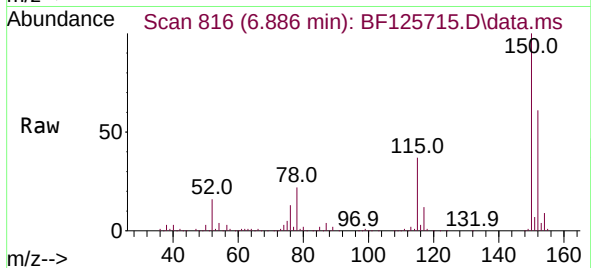




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125715.D
Acq: 29 Sep 2021 18:51

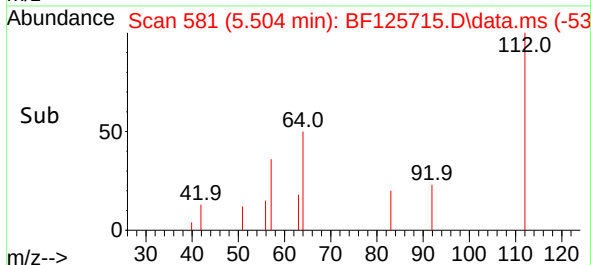
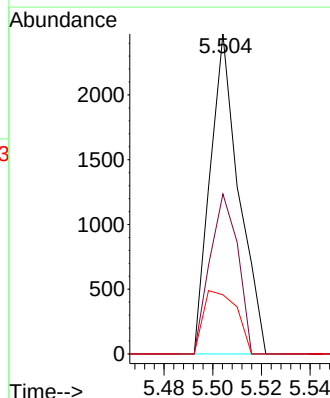
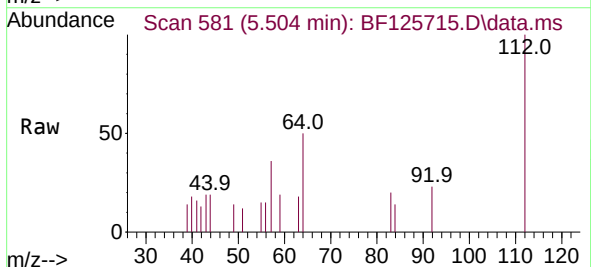
Instrument :
BNA_F
ClientSampleId :
CC-4

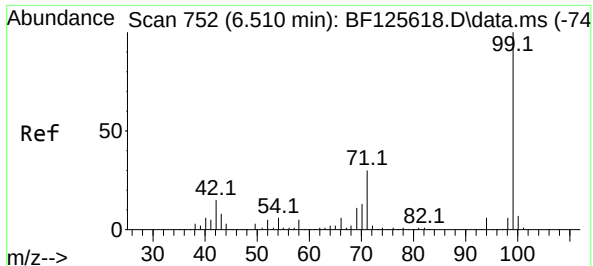
Tgt Ion:152 Resp: 228857
Ion Ratio Lower Upper
152 100
150 163.4 117.6 176.4
115 60.1 47.1 70.7



#5
2-Fluorophenol
Concen: 0.146 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125715.D
Acq: 29 Sep 2021 18:51

Tgt Ion:112 Resp: 2028
Ion Ratio Lower Upper
112 100
64 50.0 44.2 66.2
63 18.5 26.2 39.2#

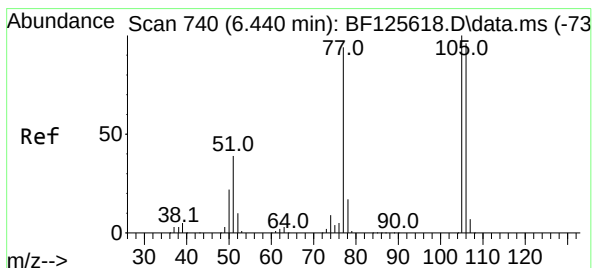
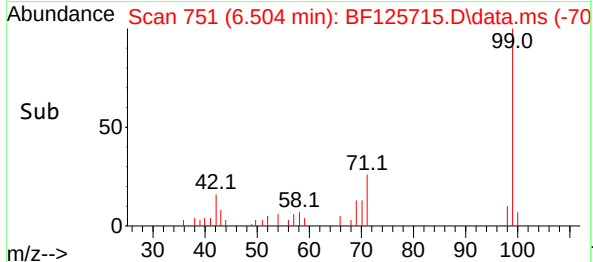
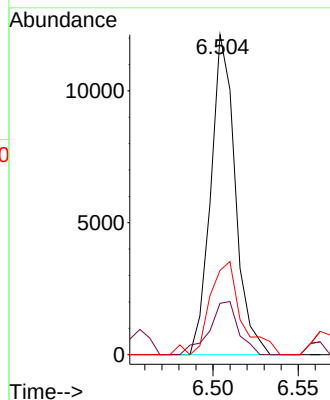
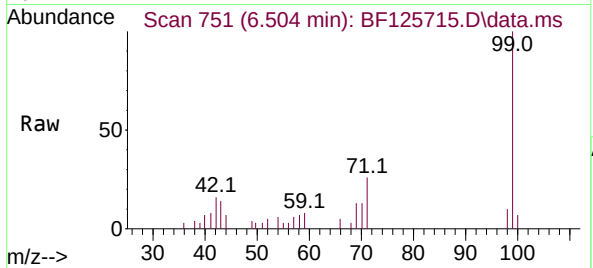




#7
Phenol-d6
Concen: 0.647 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125715.D
Acq: 29 Sep 2021 18:51

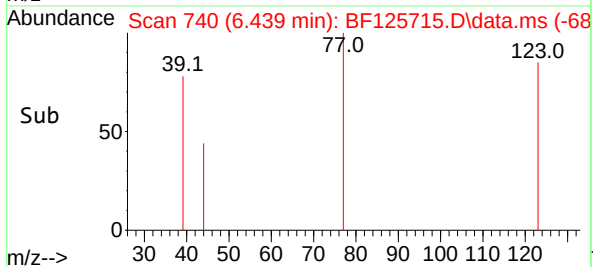
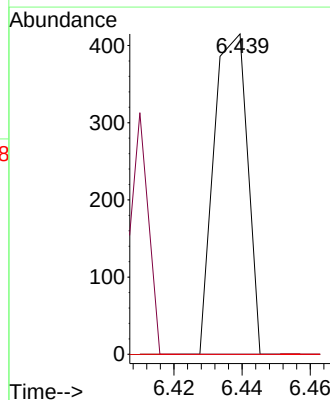
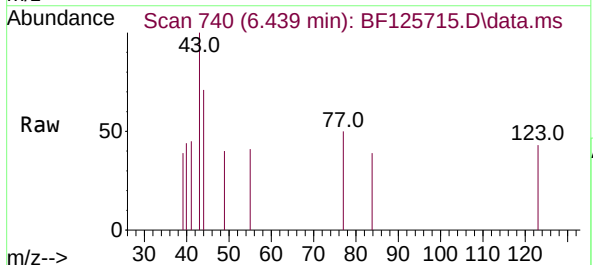
Instrument :
BNA_F
ClientSampled :
CC-4

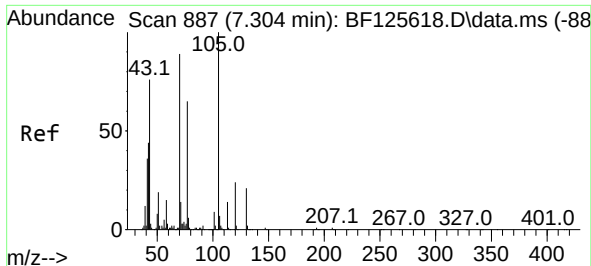
Tgt Ion: 99 Resp: 12086
Ion Ratio Lower Upper
99 100
42 16.1 23.5 35.3#
71 26.3 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.439 min Scan# 740
Delta R.T. -0.001 min
Lab File: BF125715.D
Acq: 29 Sep 2021 18:51

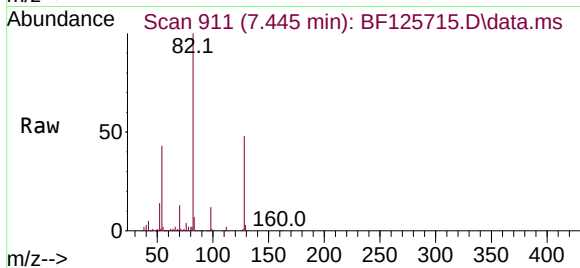
Tgt Ion: 77 Resp: 283
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



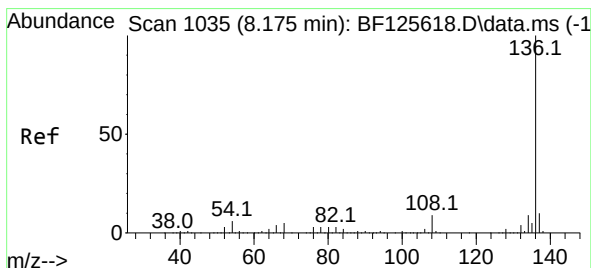
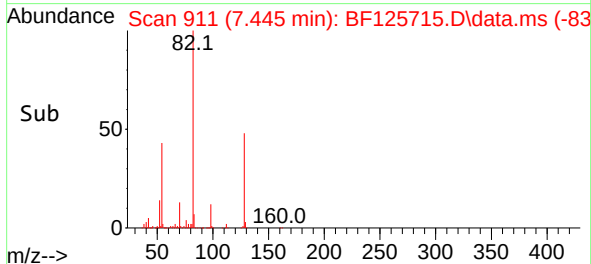
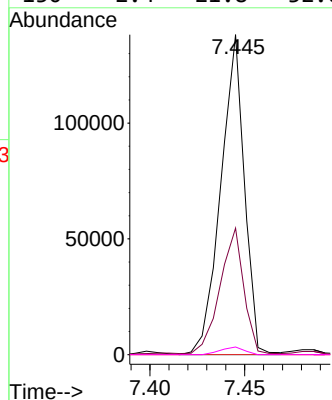


#19
n-Nitroso-di-n-propylamine
Concen: 11.274 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125715.D
Acq: 29 Sep 2021 18:51

Instrument :
BNA_F
ClientSampleId :
CC-4

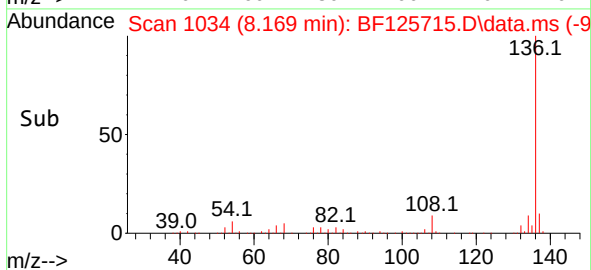
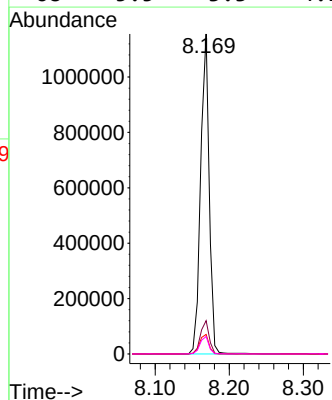
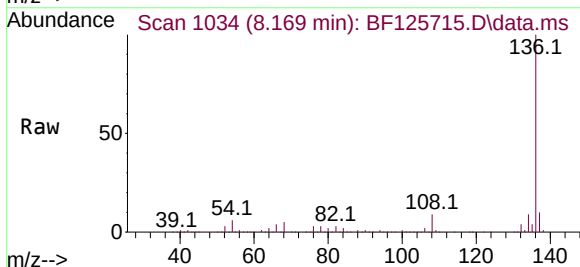


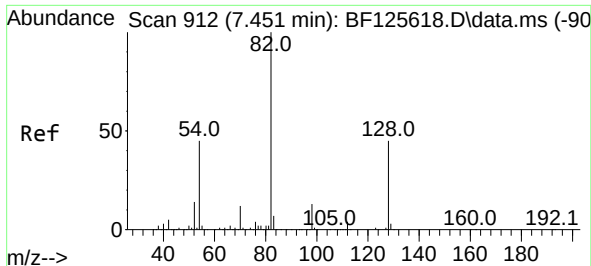
Tgt Ion: 70 Resp: 119878
Ion Ratio Lower Upper
70 100
42 39.5 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125715.D
Acq: 29 Sep 2021 18:51

Tgt Ion: 136 Resp: 925460
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 6.1 6.4 9.6#
68 5.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 70.489 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125715.D

Acq: 29 Sep 2021 18:51

Instrument :

BNA_F

ClientSampleId :

CC-4

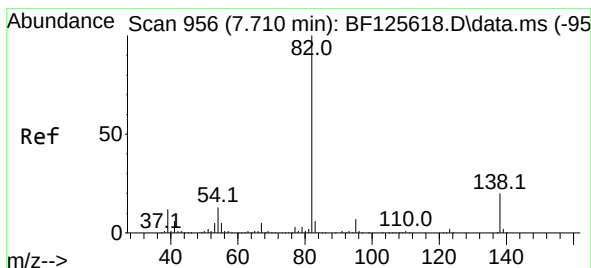
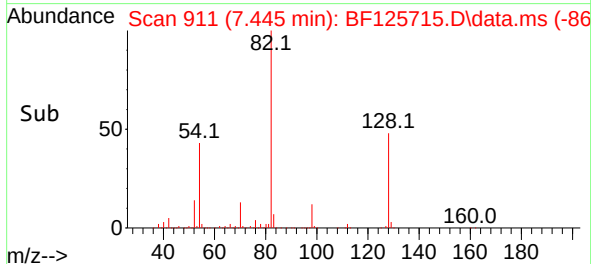
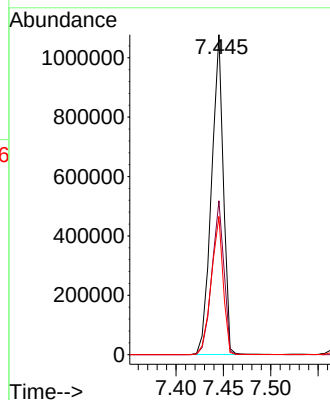
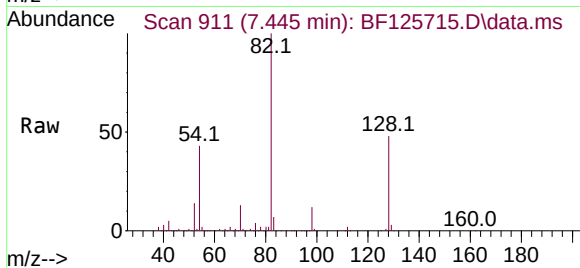
Tgt Ion: 82 Resp: 935265

Ion Ratio Lower Upper

82 100

128 48.1 40.6 60.8

54 43.2 49.6 74.4#



#25

Isophorone

Concen: 5.169 ng

RT: 7.698 min Scan# 954

Delta R.T. -0.012 min

Lab File: BF125715.D

Acq: 29 Sep 2021 18:51

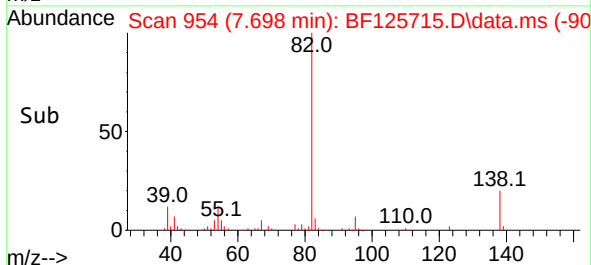
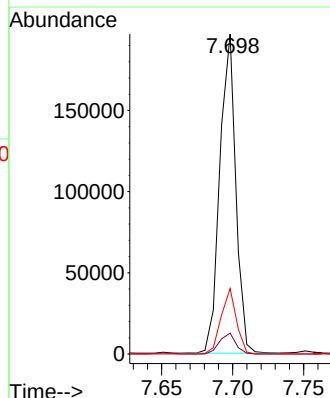
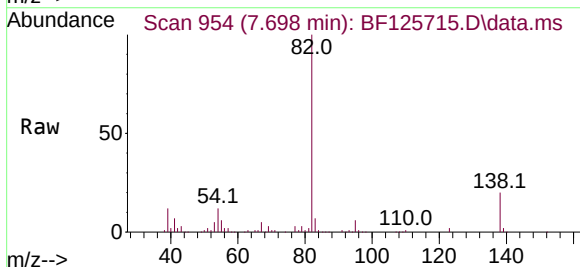
Tgt Ion: 82 Resp: 153581

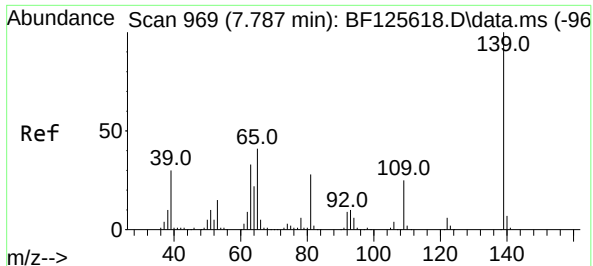
Ion Ratio Lower Upper

82 100

95 6.5 6.5 9.7

138 20.4 18.4 27.6

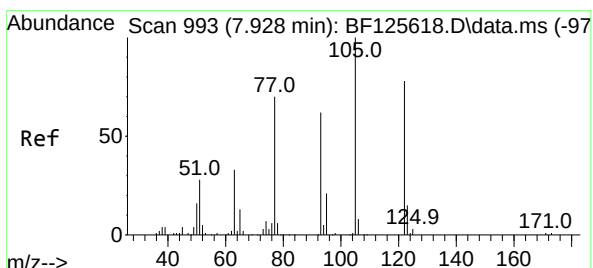
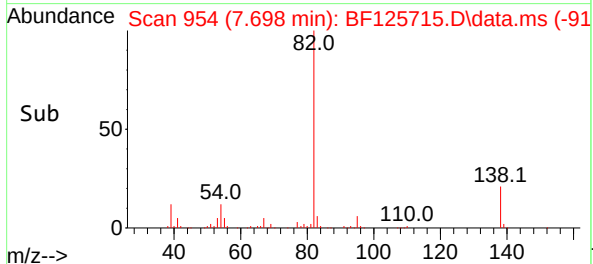
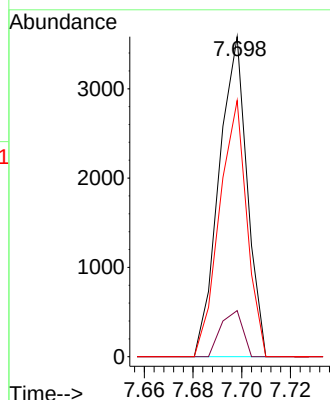
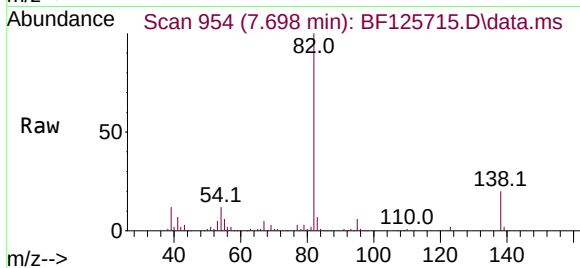




#26
2-Nitrophenol
Concen: 6.091 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.089 min
Lab File: BF125715.D
Acq: 29 Sep 2021 18:51

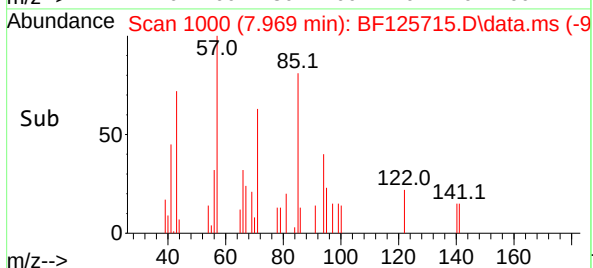
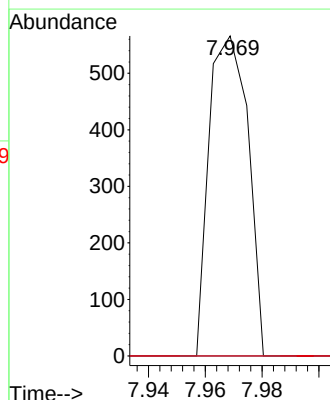
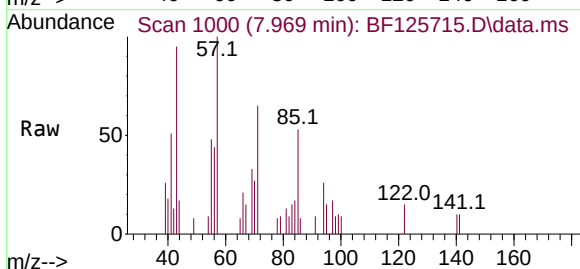
Instrument :
BNA_F
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CC-4

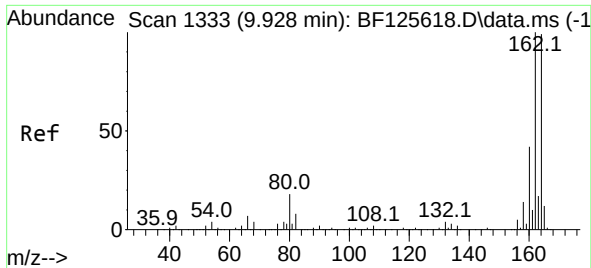
Tgt Ion:139 Resp: 2871
Ion Ratio Lower Upper
139 100
109 14.4 26.0 39.0#
65 80.0 31.0 46.4#



#32
Benzoic acid
Concen: 8.674 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.041 min
Lab File: BF125715.D
Acq: 29 Sep 2021 18:51

Tgt Ion:122 Resp: 539
Ion Ratio Lower Upper
122 100
105 0.0 97.6 137.6#
77 0.0 59.6 99.6#

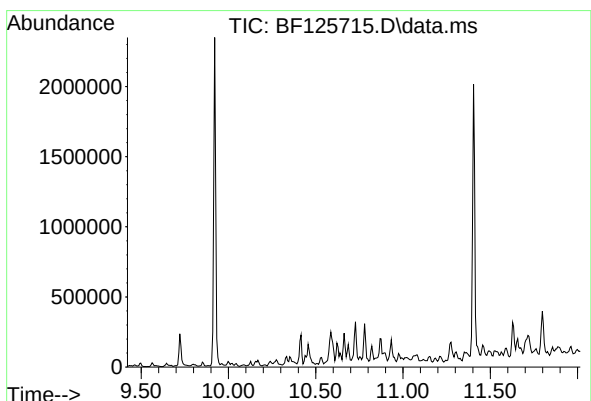
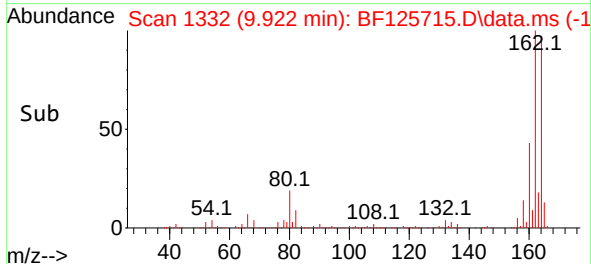
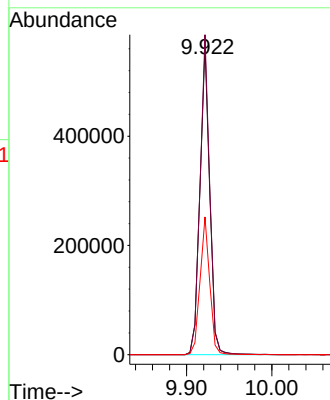
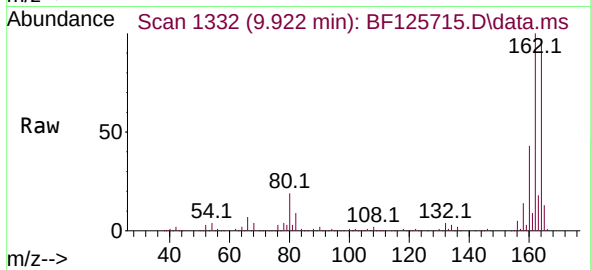




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125715.D
Acq: 29 Sep 2021 18:51

Instrument :
BNA_F
ClientSampleId :
CC-4

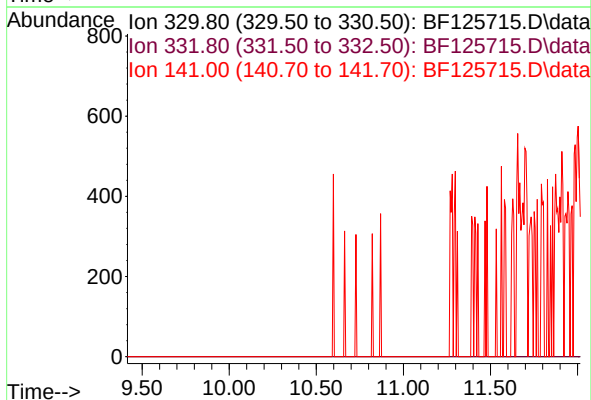
Tgt Ion:164	Resp:	453313
Ion	Ratio	Lower Upper
164	100	
162	103.4	81.3 121.9
160	44.5	38.0 57.0

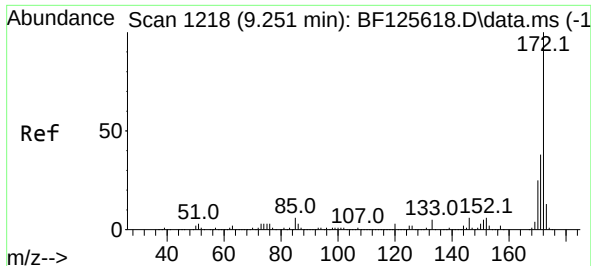


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.72 min

Lab File: BF125715.D
Acq: 29 Sep 2021 18:51

Tgt Ion: 330
Sig Exp Ratio
330 100
332 95.3
141 55.7

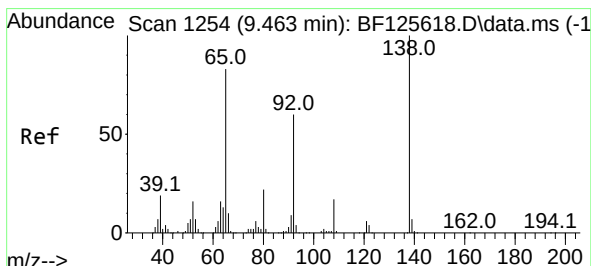
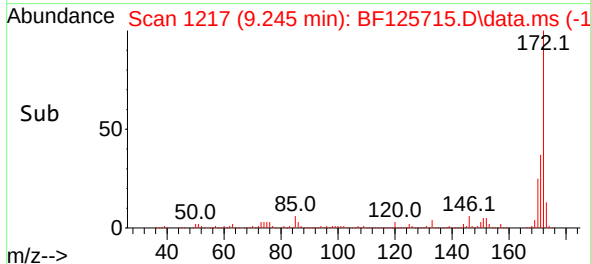
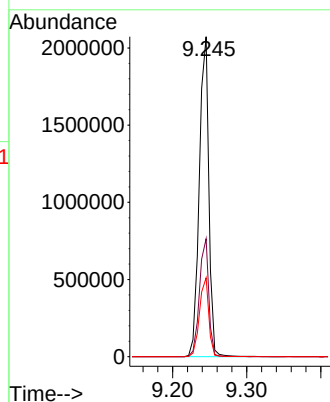
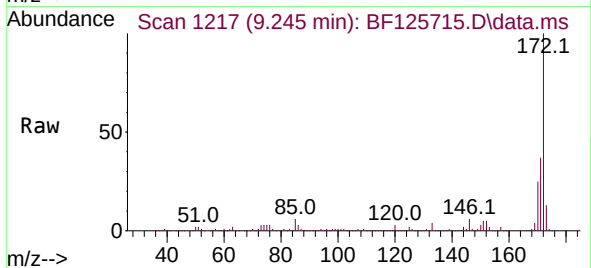




#45
2-Fluorobiphenyl
Concen: 71.065 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125715.D
Acq: 29 Sep 2021 18:51

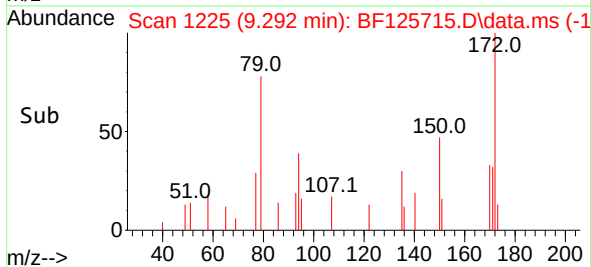
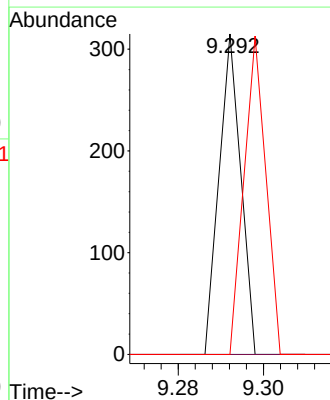
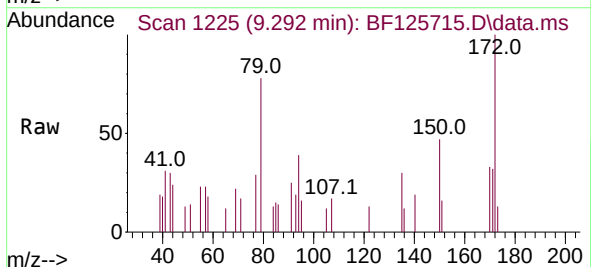
Instrument :
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CC-4

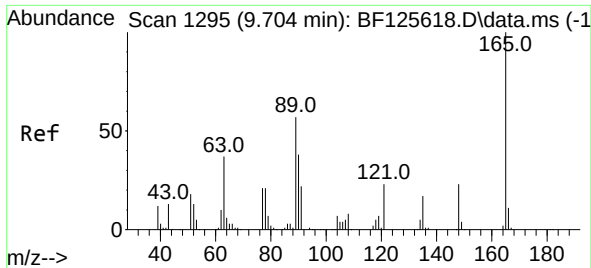
Tgt Ion:172 Resp: 1848191
Ion Ratio Lower Upper
172 100
171 36.9 26.5 39.7
170 24.7 18.8 28.2



#48
2-Nitroaniline
Concen: 4.173 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.171 min
Lab File: BF125715.D
Acq: 29 Sep 2021 18:51

Tgt Ion: 65 Resp: 111
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#

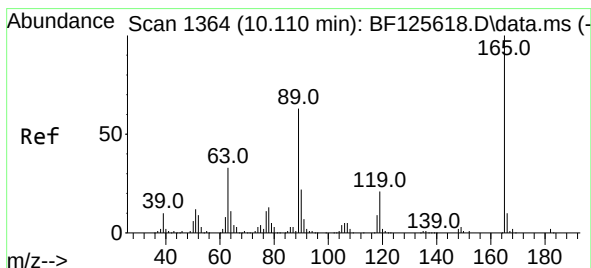
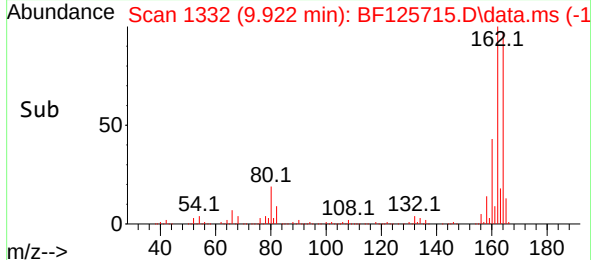
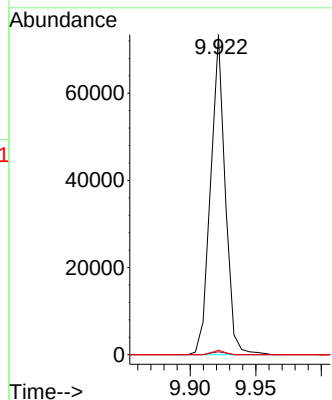
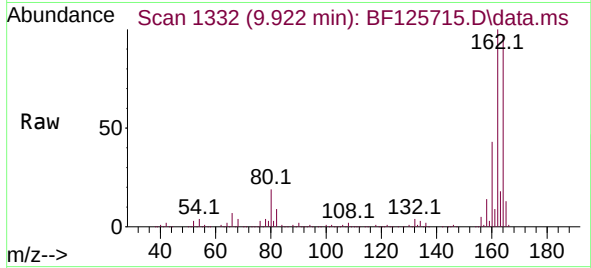




#51
2,6-Dinitrotoluene
Concen: 12.534 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125715.D
Acq: 29 Sep 2021 18:51

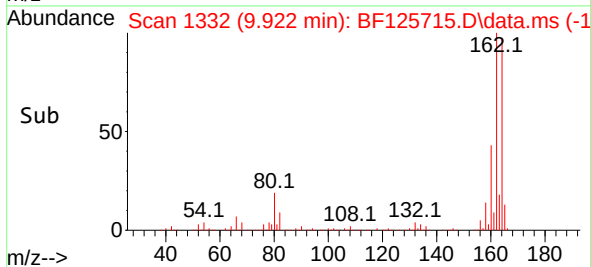
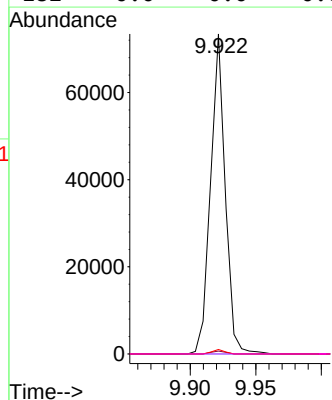
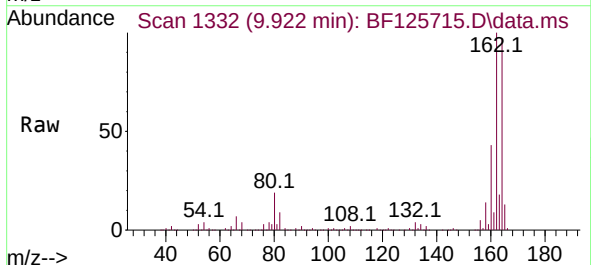
Instrument :
BNA_F
ClientSampled :
CC-4

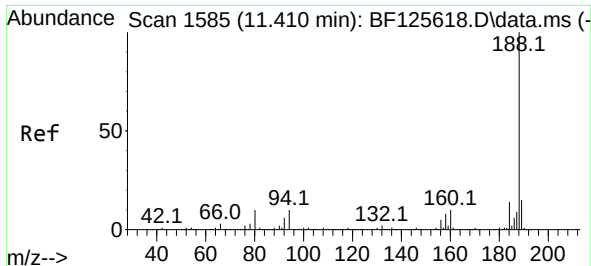
Tgt Ion:165 Resp: 57281
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.4 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.446 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125715.D
Acq: 29 Sep 2021 18:51

Tgt Ion:165 Resp: 57281
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0

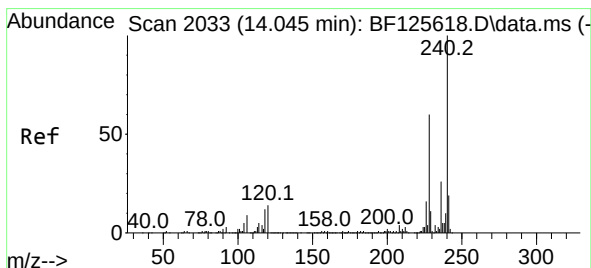
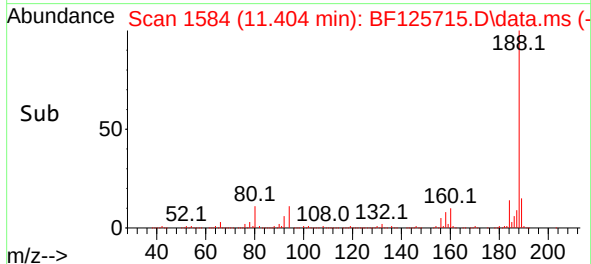
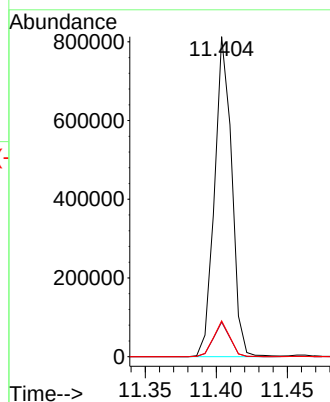
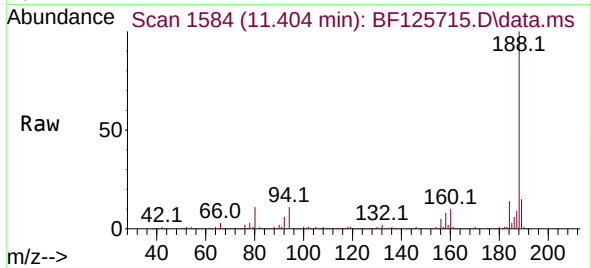




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125715.D
Acq: 29 Sep 2021 18:51

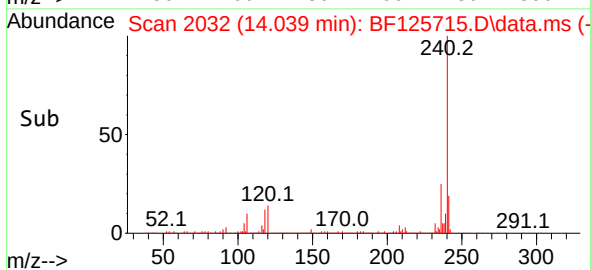
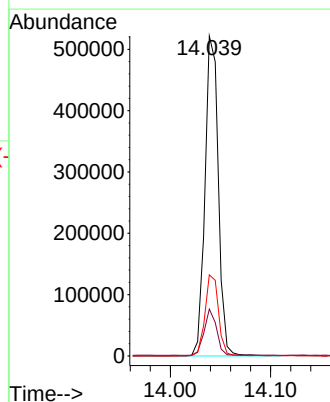
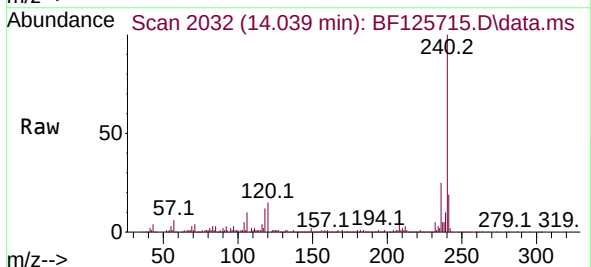
Instrument :
BNA_F
ClientSampleId :
CC-4

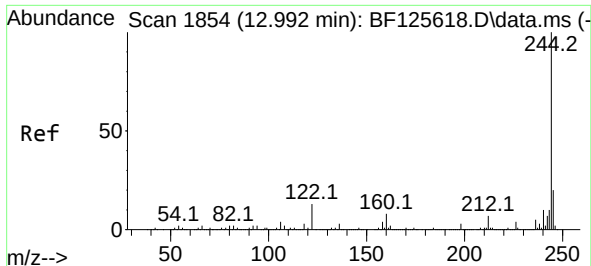
Tgt Ion:188 Resp: 685644
Ion Ratio Lower Upper
188 100
94 10.8 6.7 10.1#
80 11.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125715.D
Acq: 29 Sep 2021 18:51

Tgt Ion:240 Resp: 484662
Ion Ratio Lower Upper
240 100
120 14.7 10.8 16.2
236 25.3 21.6 32.4

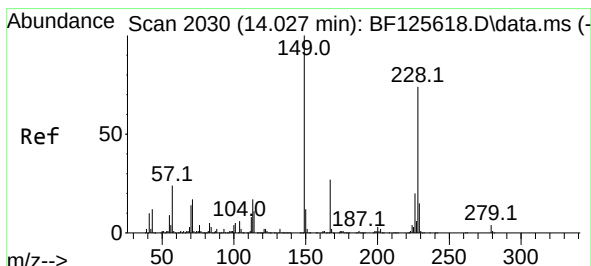
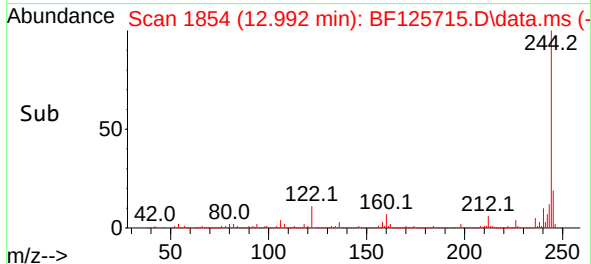
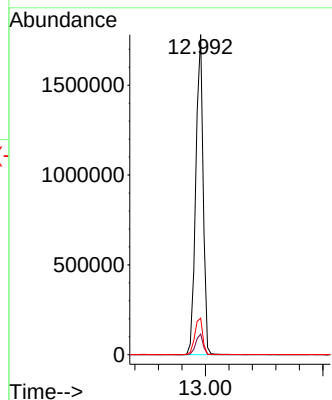
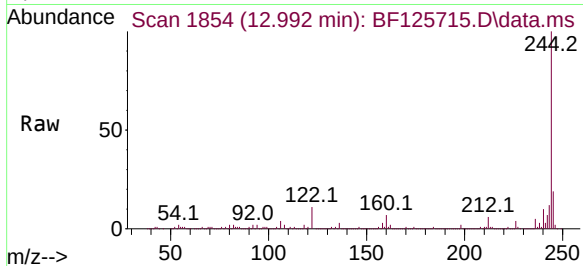




#79
Terphenyl-d14
Concen: 55.491 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125715.D
Acq: 29 Sep 2021 18:51

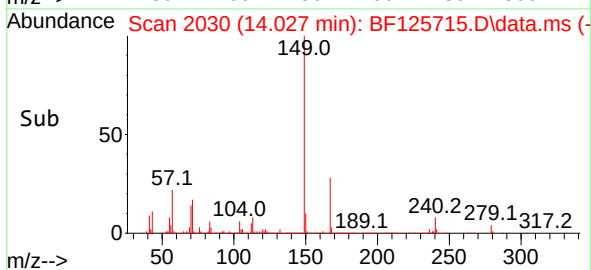
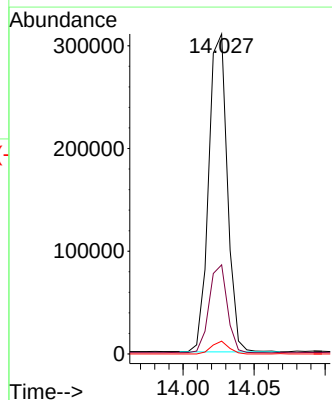
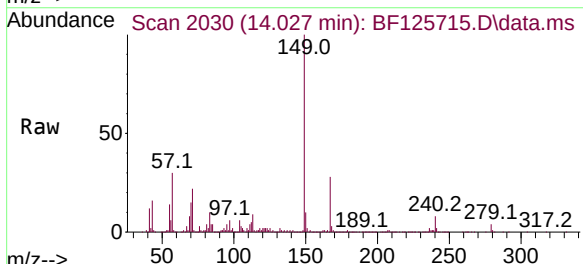
Instrument :
BNA_F
ClientSampleId :
CC-4

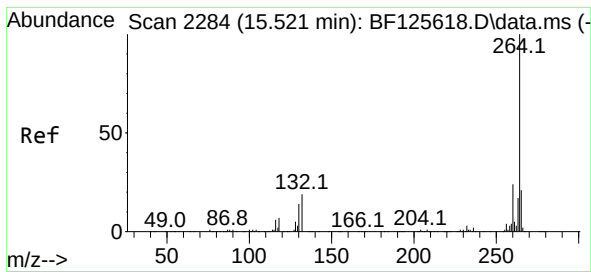
Tgt Ion:244 Resp: 1553008
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 11.4 9.0 13.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 17.031 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF125715.D
Acq: 29 Sep 2021 18:51

Tgt Ion:149 Resp: 282789
Ion Ratio Lower Upper
149 100
167 27.9 21.4 32.0
279 4.0 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: BF125715.D
 Acq: 29 Sep 2021 18:51

Instrument :
 BNA_F
 ClientSampleId :
 CC-4

Tgt Ion:264	Resp:	483974
Ion	Ratio	Lower Upper
264	100	
260	24.5	19.6 29.4
265	21.3	17.2 25.8

