

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
 Data File : BF125711.D
 Acq On : 29 Sep 2021 14:54
 Operator : JU/CG
 Sample : M3965-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-24

Quant Time: Sep 29 16:25:04 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)

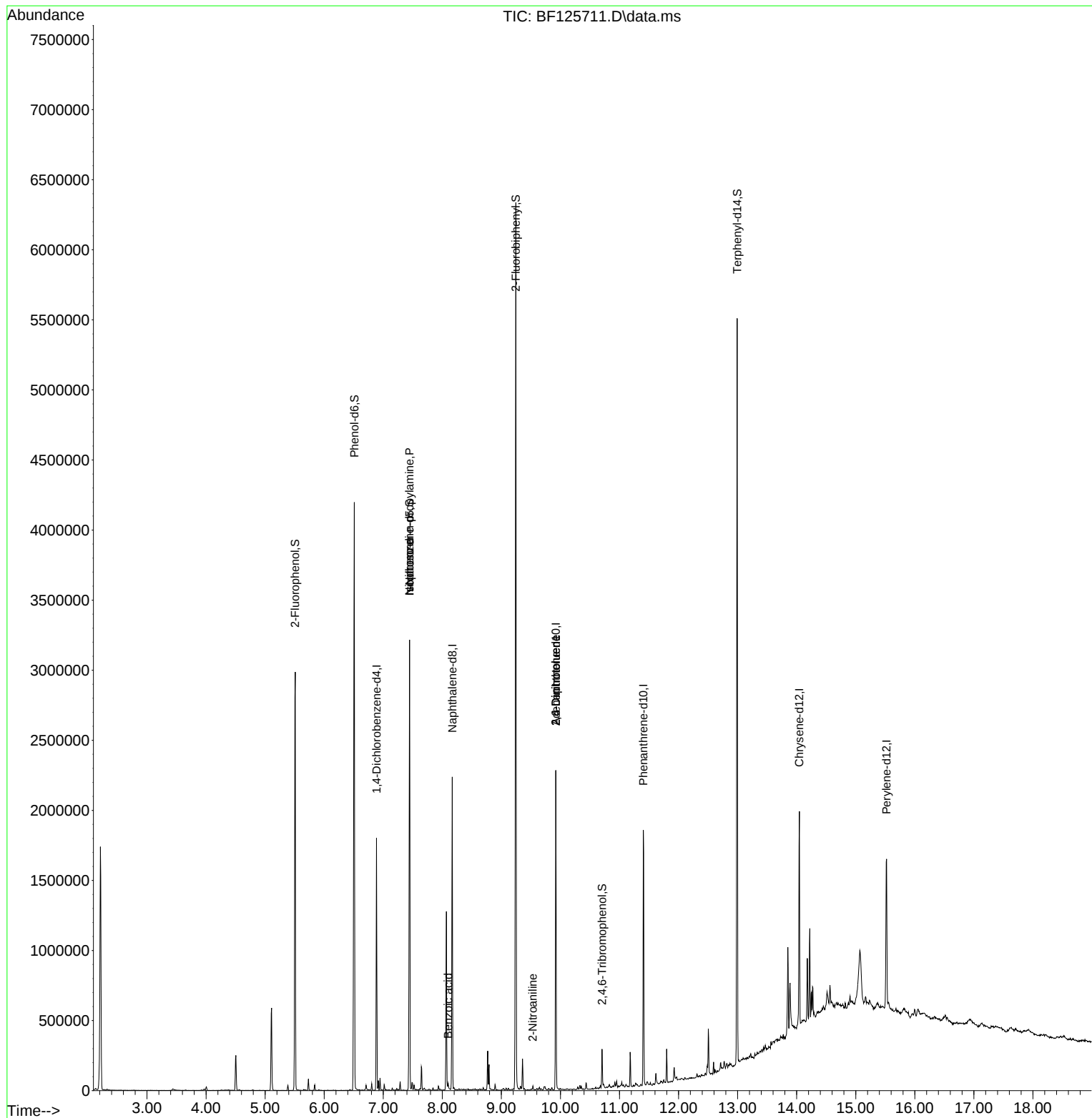
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	242634	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	938057	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	450454	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	672534	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	527843	20.000	ng	0.00
86) Perylene-d12	15.521	264	491119	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	935208	63.504	ng	0.00
7) Phenol-d6	6.510	99	1662490	83.968	ng	0.00
23) Nitrobenzene-d5	7.445	82	1055380	78.474	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	31371	7.469	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	2002840	78.937	ng	0.00
79) Terphenyl-d14	12.992	244	1749276	57.391	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	910	Below Cal	#	79
19) n-Nitroso-di-n-propyla...	7.445	70	132637	11.766	ng	# 51
25) Isophorone	7.445	82	1055361	35.040	ng	# 59
32) Benzoic acid	8.098	122	3626	8.931	ng	# 64
48) 2-Nitroaniline	9.533	65	370	4.209	ng	# 26
51) 2,6-Dinitrotoluene	9.922	165	56534	12.477	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	56536	11.401	ng	# 19

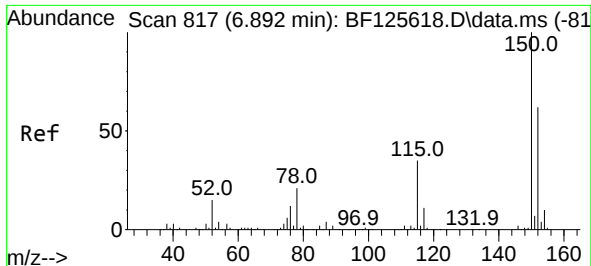
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
Data File : BF125711.D
Acq On : 29 Sep 2021 14:54
Operator : JU/CG
Sample : M3965-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-24

Quant Time: Sep 29 16:25:04 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

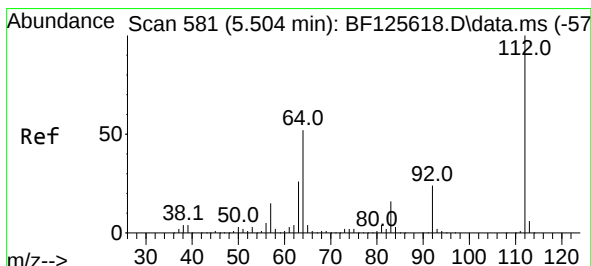
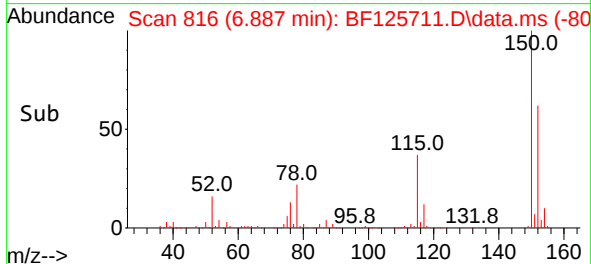
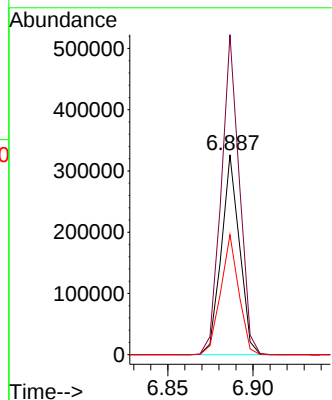
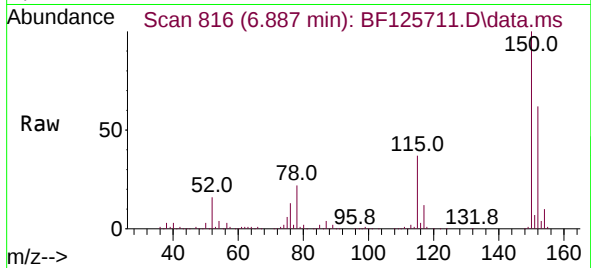




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125711.D
Acq: 29 Sep 2021 14:54

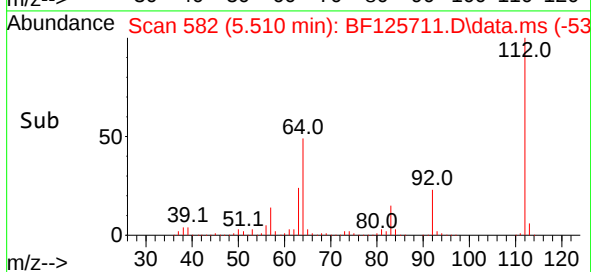
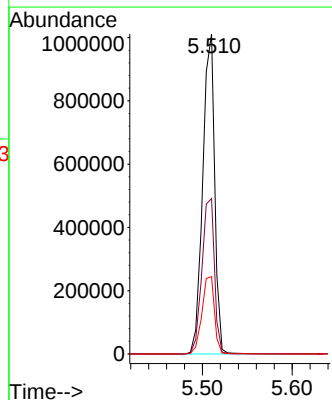
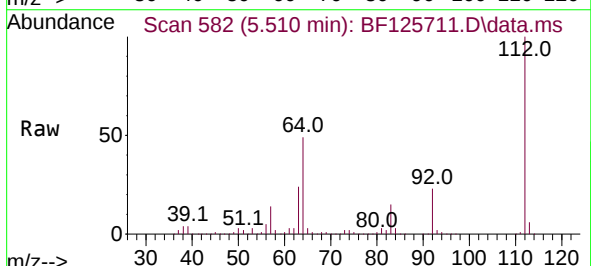
Instrument :
BNA_F
ClientSampleId :
CC-24

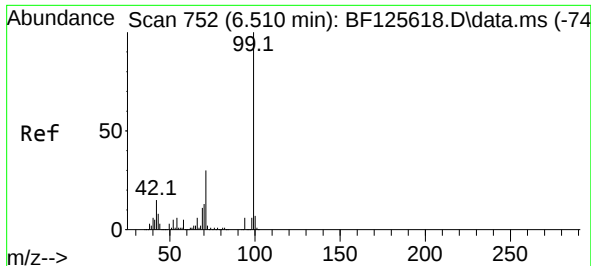
Tgt Ion:152 Resp: 242634
Ion Ratio Lower Upper
152 100
150 160.1 117.6 176.4
115 60.0 47.1 70.7



#5
2-Fluorophenol
Concen: 63.504 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125711.D
Acq: 29 Sep 2021 14:54

Tgt Ion:112 Resp: 935208
Ion Ratio Lower Upper
112 100
64 48.5 44.2 66.2
63 24.2 26.2 39.2#

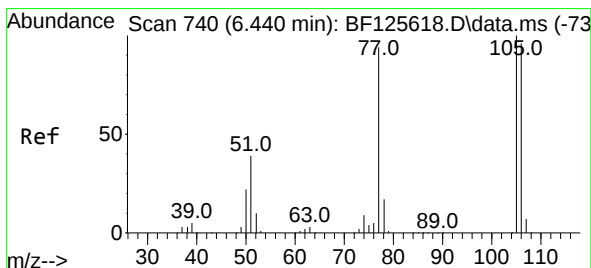
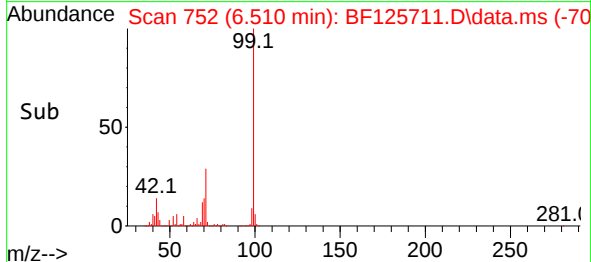
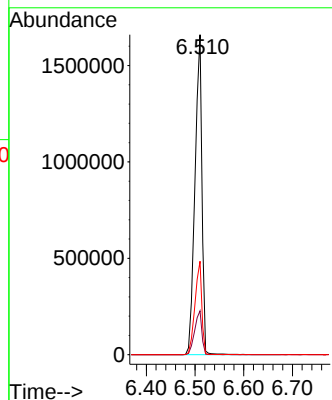
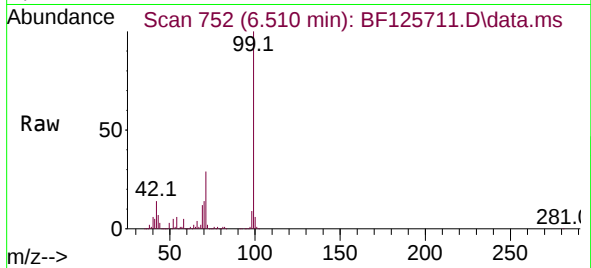




#7
Phenol-d6
Concen: 83.968 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125711.D
Acq: 29 Sep 2021 14:54

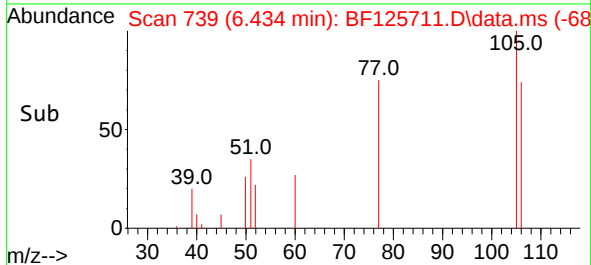
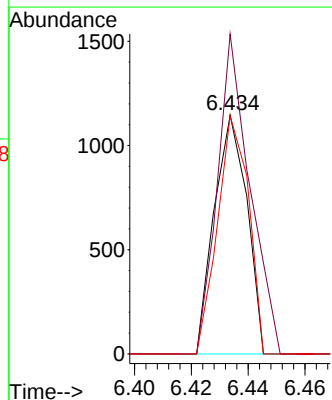
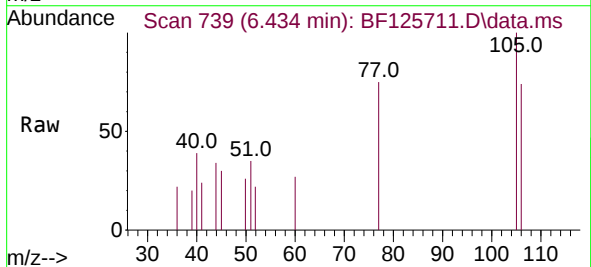
Instrument :
BNA_F
ClientSampleId :
CC-24

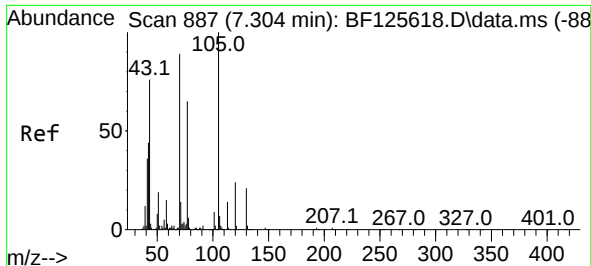
Tgt Ion: 99 Resp: 1662490
Ion Ratio Lower Upper
99 100
42 13.7 23.5 35.3#
71 29.2 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125711.D
Acq: 29 Sep 2021 14:54

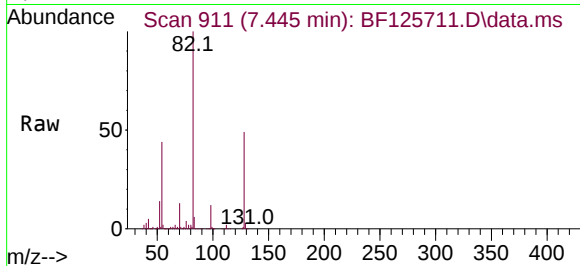
Tgt Ion: 77 Resp: 910
Ion Ratio Lower Upper
77 100
105 133.9 75.9 115.9#
106 99.7 84.0 124.0



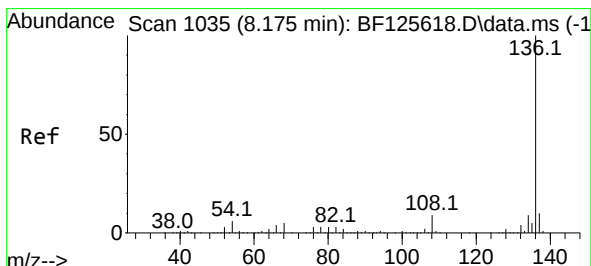
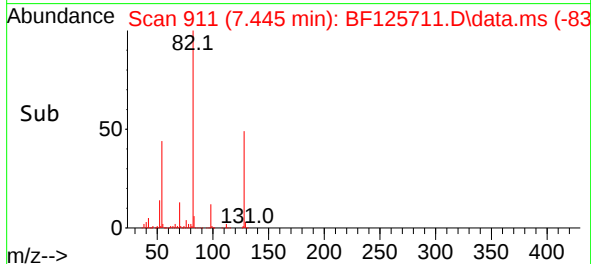
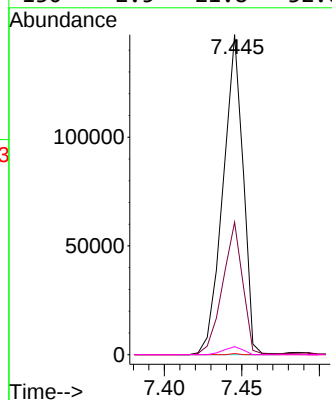


#19
n-Nitroso-di-n-propylamine
Concen: 11.766 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125711.D
Acq: 29 Sep 2021 14:54

Instrument :
BNA_F
ClientSampled :
CC-24

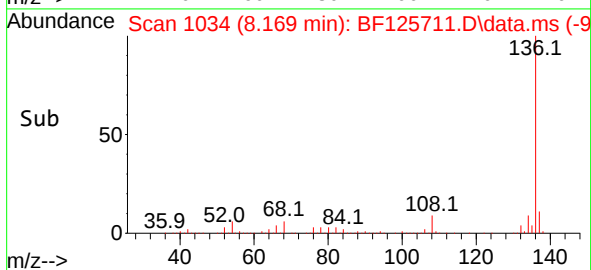
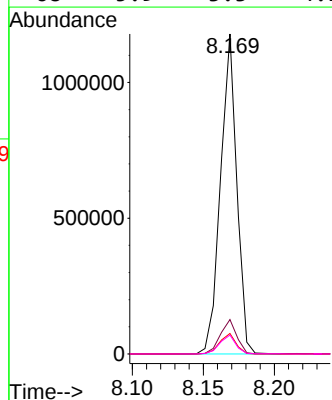
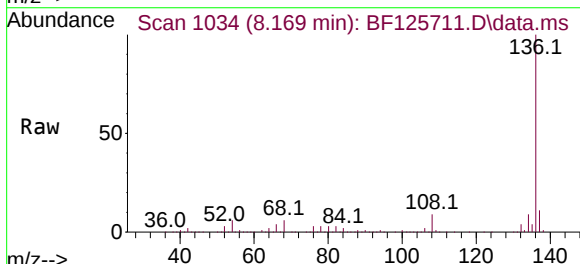


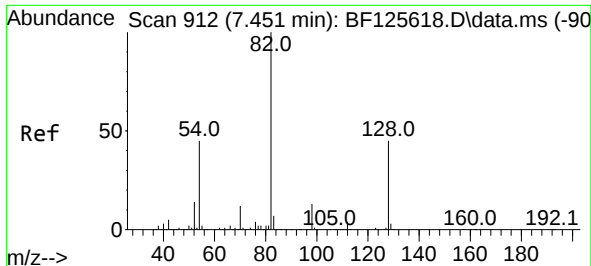
Tgt Ion: 70 Resp: 132637
Ion Ratio Lower Upper
70 100
42 41.4 72.2 108.2#
101 0.4 7.8 11.8#
130 2.5 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125711.D
Acq: 29 Sep 2021 14:54

Tgt Ion: 136 Resp: 938057
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 6.4 6.4 9.6
68 5.9 3.3 4.9#

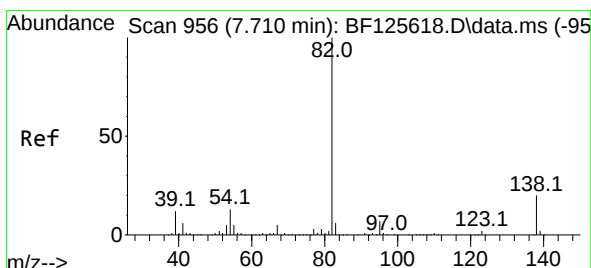
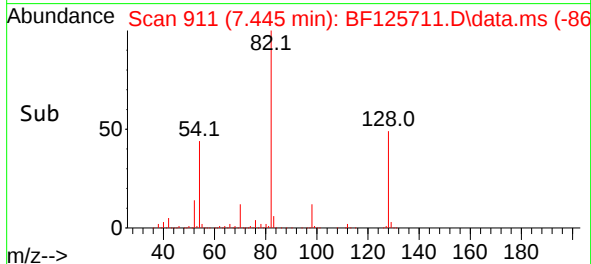
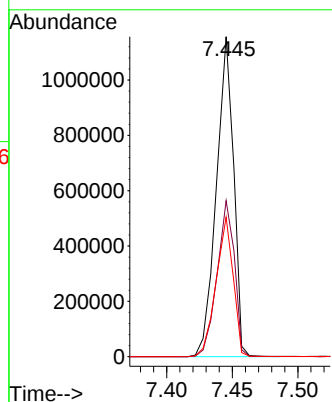
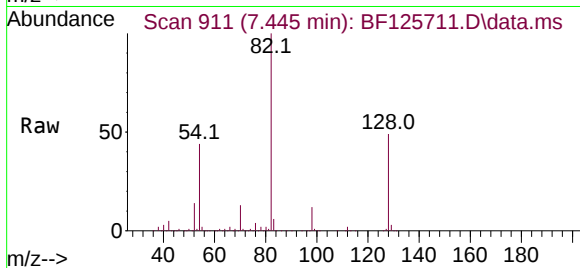




#23
Nitrobenzene-d5
Concen: 78.474 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125711.D
Acq: 29 Sep 2021 14:54

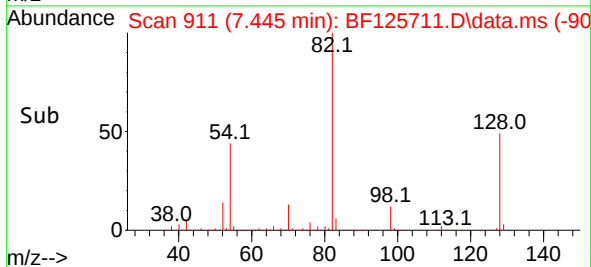
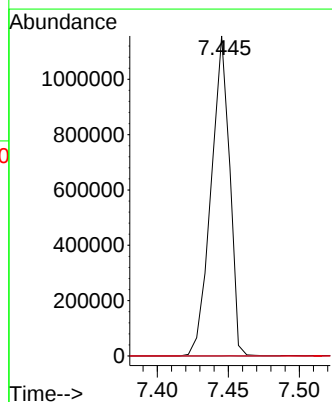
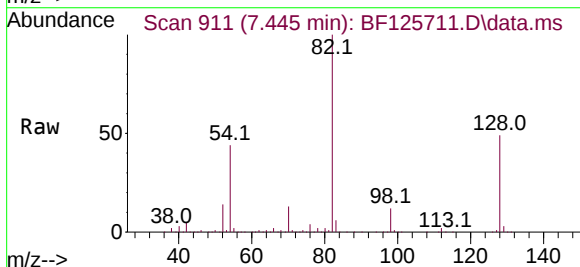
Instrument :
BNA_F
ClientSampleId :
CC-24

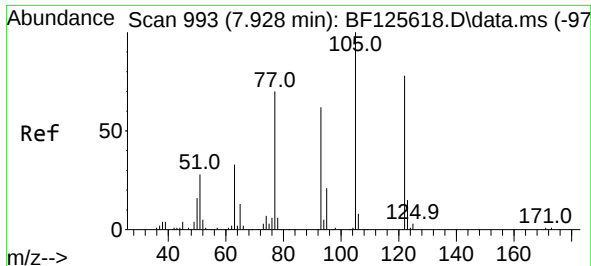
Tgt Ion: 82 Resp: 1055380
Ion Ratio Lower Upper
82 100
128 48.7 40.6 60.8
54 43.6 49.6 74.4#



#25
Isophorone
Concen: 35.040 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125711.D
Acq: 29 Sep 2021 14:54

Tgt Ion: 82 Resp: 1055361
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

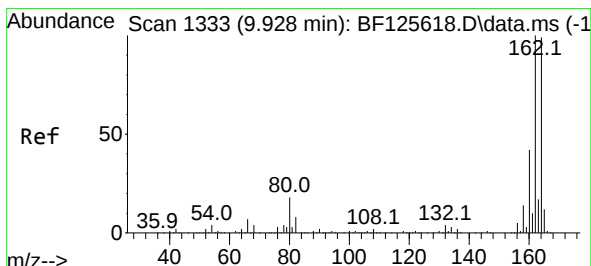
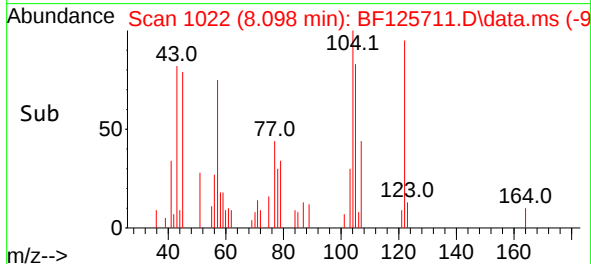
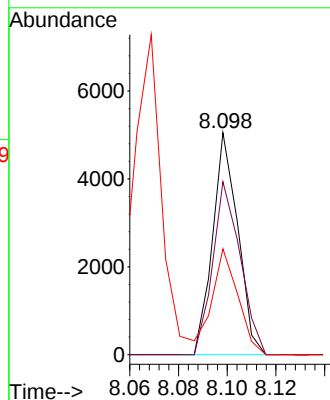
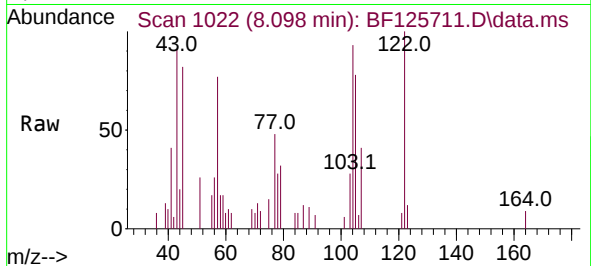




#32
Benzoic acid
Concen: 8.931 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.170 min
Lab File: BF125711.D
Acq: 29 Sep 2021 14:54

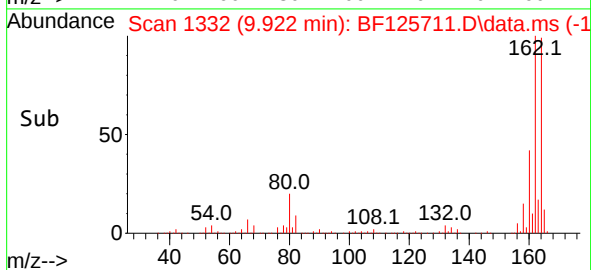
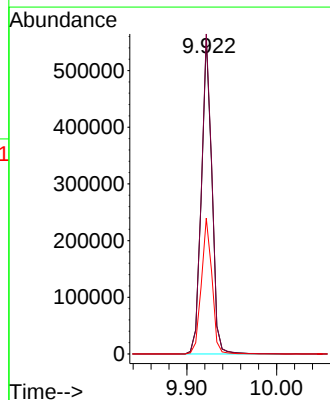
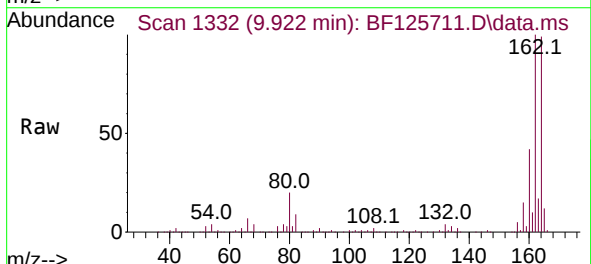
Instrument :
BNA_F
ClientSampleId :
CC-24

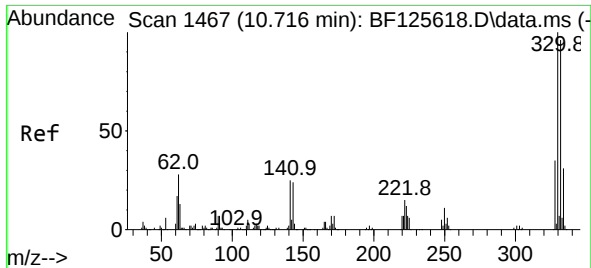
Tgt Ion:122 Resp: 3626
Ion Ratio Lower Upper
122 100
105 77.9 97.6 137.6#
77 47.6 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125711.D
Acq: 29 Sep 2021 14:54

Tgt Ion:164 Resp: 450454
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 43.1 38.0 57.0

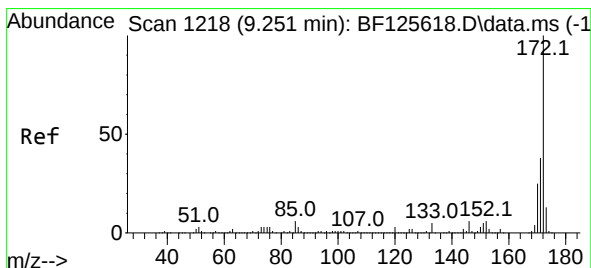
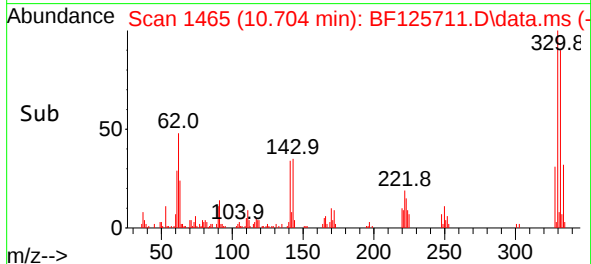
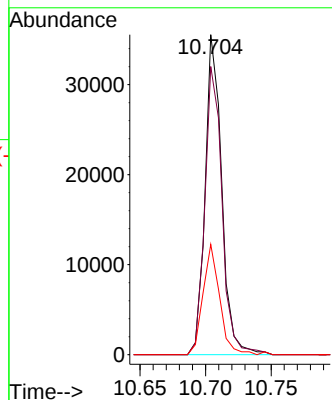
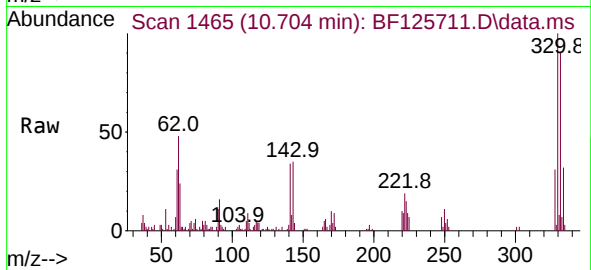




#42
2,4,6-Tribromophenol
Concen: 7.469 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF125711.D
Acq: 29 Sep 2021 14:54

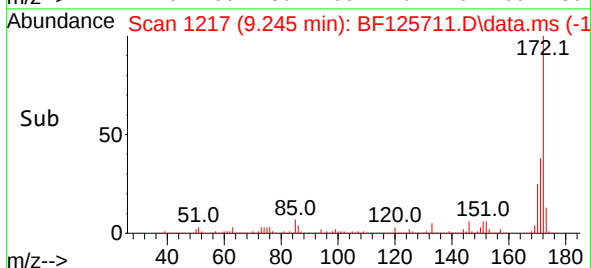
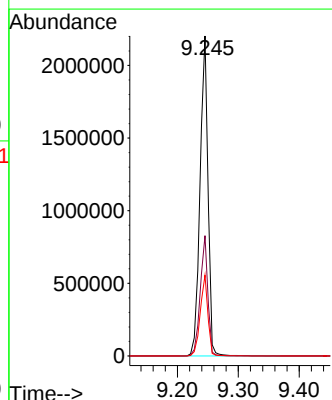
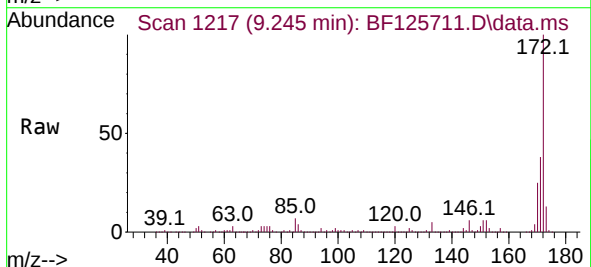
Instrument :
BNA_F
ClientSampleId :
CC-24

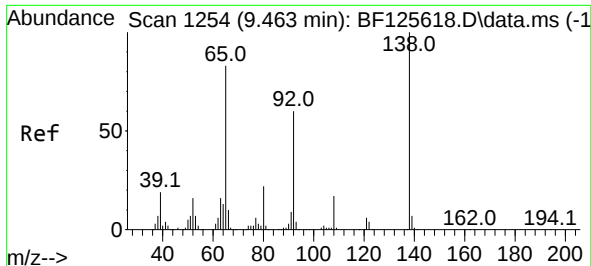
Tgt Ion: 330 Resp: 31371
Ion Ratio Lower Upper
330 100
332 93.7 76.2 114.4
141 34.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 78.937 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125711.D
Acq: 29 Sep 2021 14:54

Tgt Ion: 172 Resp: 2002840
Ion Ratio Lower Upper
172 100
171 37.6 26.5 39.7
170 25.3 18.8 28.2

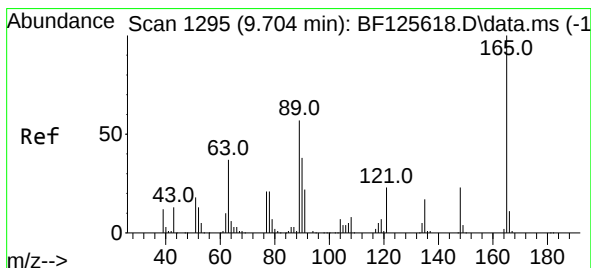
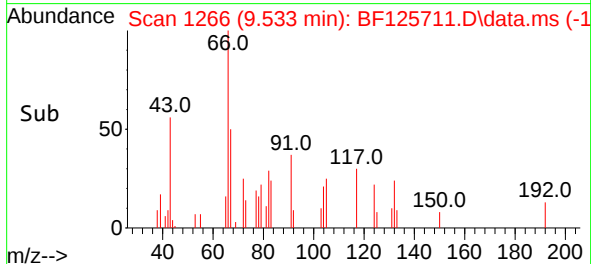
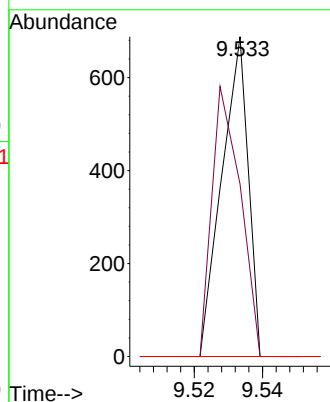
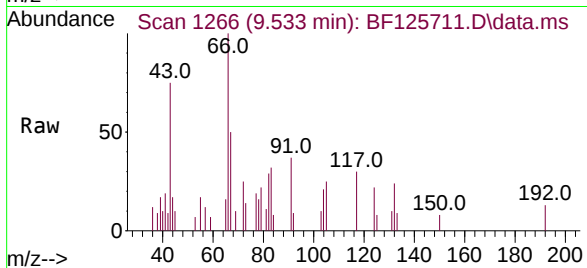




#48
2-Nitroaniline
Concen: 4.209 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.070 min
Lab File: BF125711.D
Acq: 29 Sep 2021 14:54

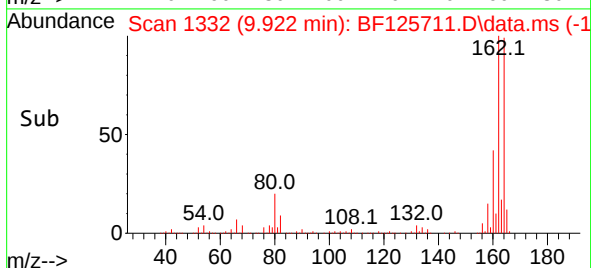
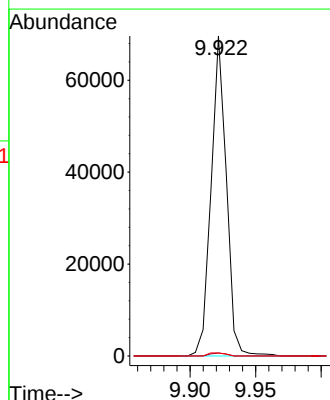
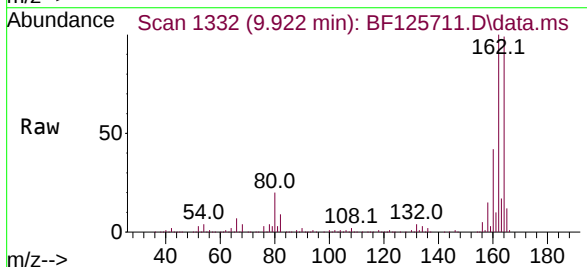
Instrument :
BNA_F
ClientSampleId :
CC-24

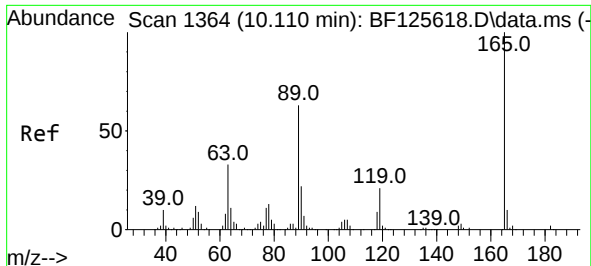
Tgt Ion: 65 Resp: 370
Ion Ratio Lower Upper
65 100
92 53.9 55.5 83.3#
138 0.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.477 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125711.D
Acq: 29 Sep 2021 14:54

Tgt Ion: 165 Resp: 56534
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.0 40.6 60.8#

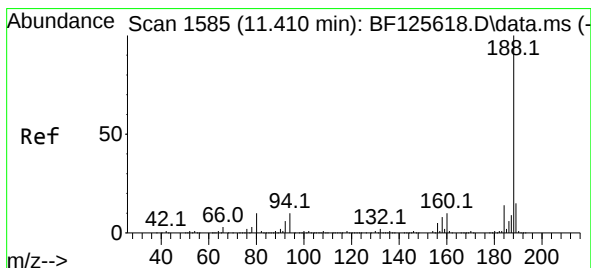
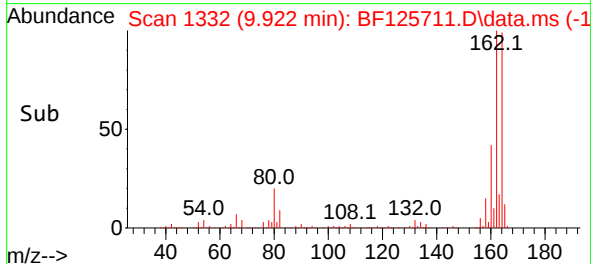
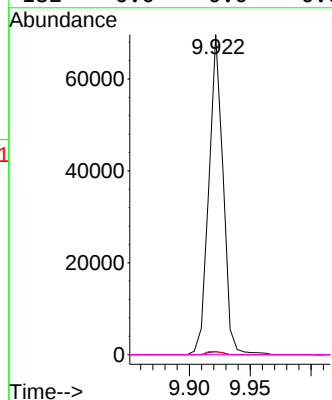
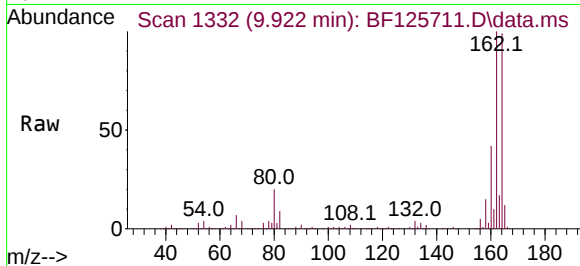




#57
2,4-Dinitrotoluene
Concen: 11.401 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125711.D
Acq: 29 Sep 2021 14:54

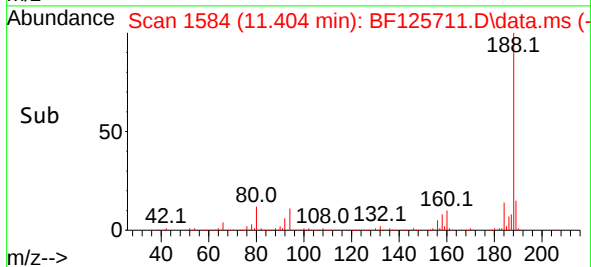
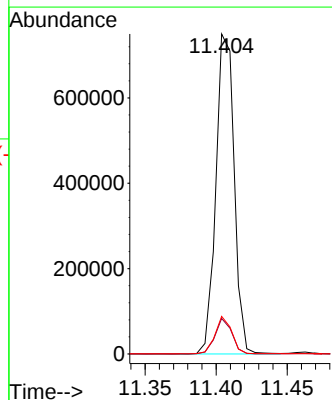
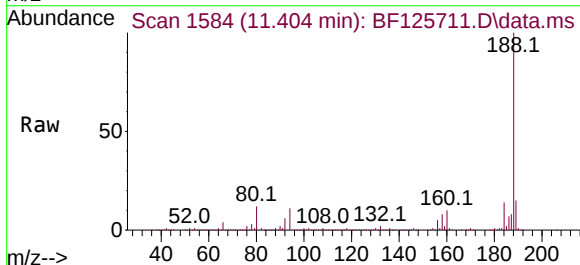
Instrument :
BNA_F
ClientSampled :
CC-24

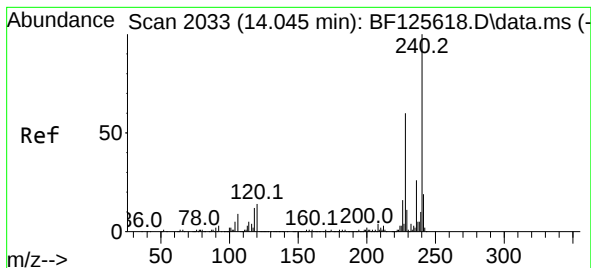
Tgt Ion:165	Resp:	56536
Ion Ratio	Lower	Upper
165	100	
63	0.9	40.9 61.3#
89	1.0	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125711.D
Acq: 29 Sep 2021 14:54

Tgt Ion:188	Resp:	672534
Ion Ratio	Lower	Upper
188	100	
94	11.1	6.7 10.1#
80	11.8	7.5 11.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF125711.D

Acq: 29 Sep 2021 14:54

Tgt Ion:240 Resp: 527843

Ion Ratio Lower Upper

240 100

120 11.9 10.8 16.2

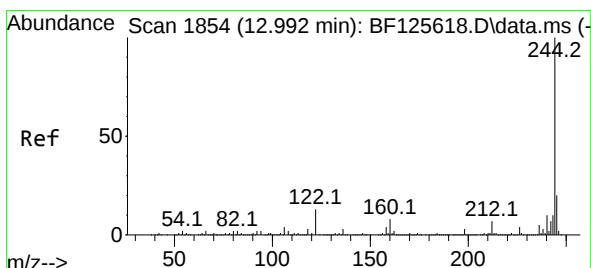
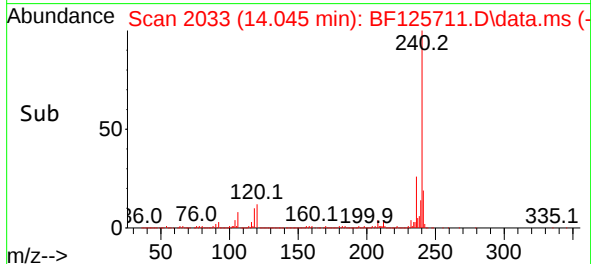
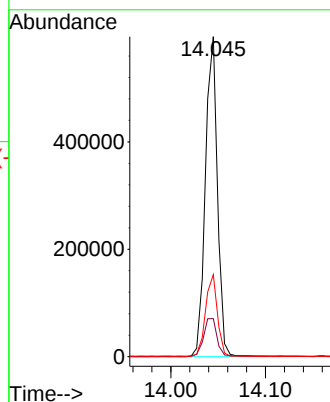
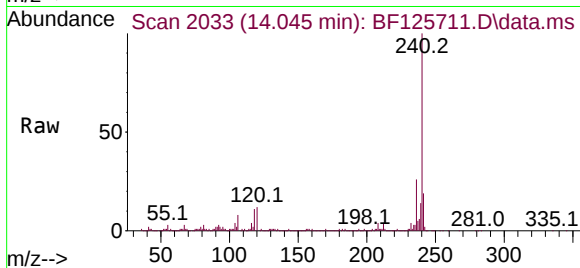
236 25.6 21.6 32.4

Instrument :

BNA_F

ClientSampleId :

CC-24



#79

Terphenyl-d14

Concen: 57.391 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF125711.D

Acq: 29 Sep 2021 14:54

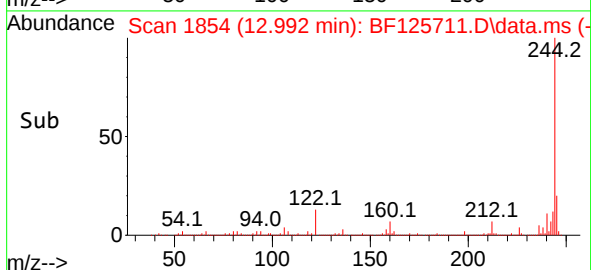
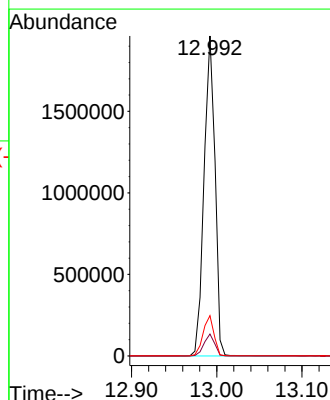
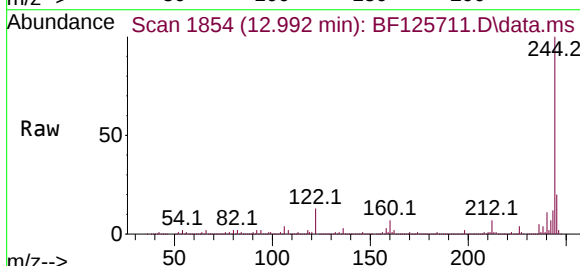
Tgt Ion:244 Resp: 1749276

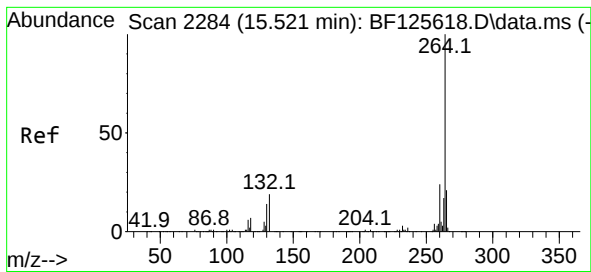
Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 12.6 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF125711.D
 Acq: 29 Sep 2021 14:54

Instrument :
 BNA_F
 ClientSampleId :
 CC-24

Tgt Ion:264	Resp:	491119
Ion	Ratio	Lower Upper
264	100	
260	24.3	19.6 29.4
265	20.7	17.2 25.8

