

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115613.D
 Acq On : 16 Jul 2019 22:25
 Operator : HP/JU
 Sample : K3627-03 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 17 03:56:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

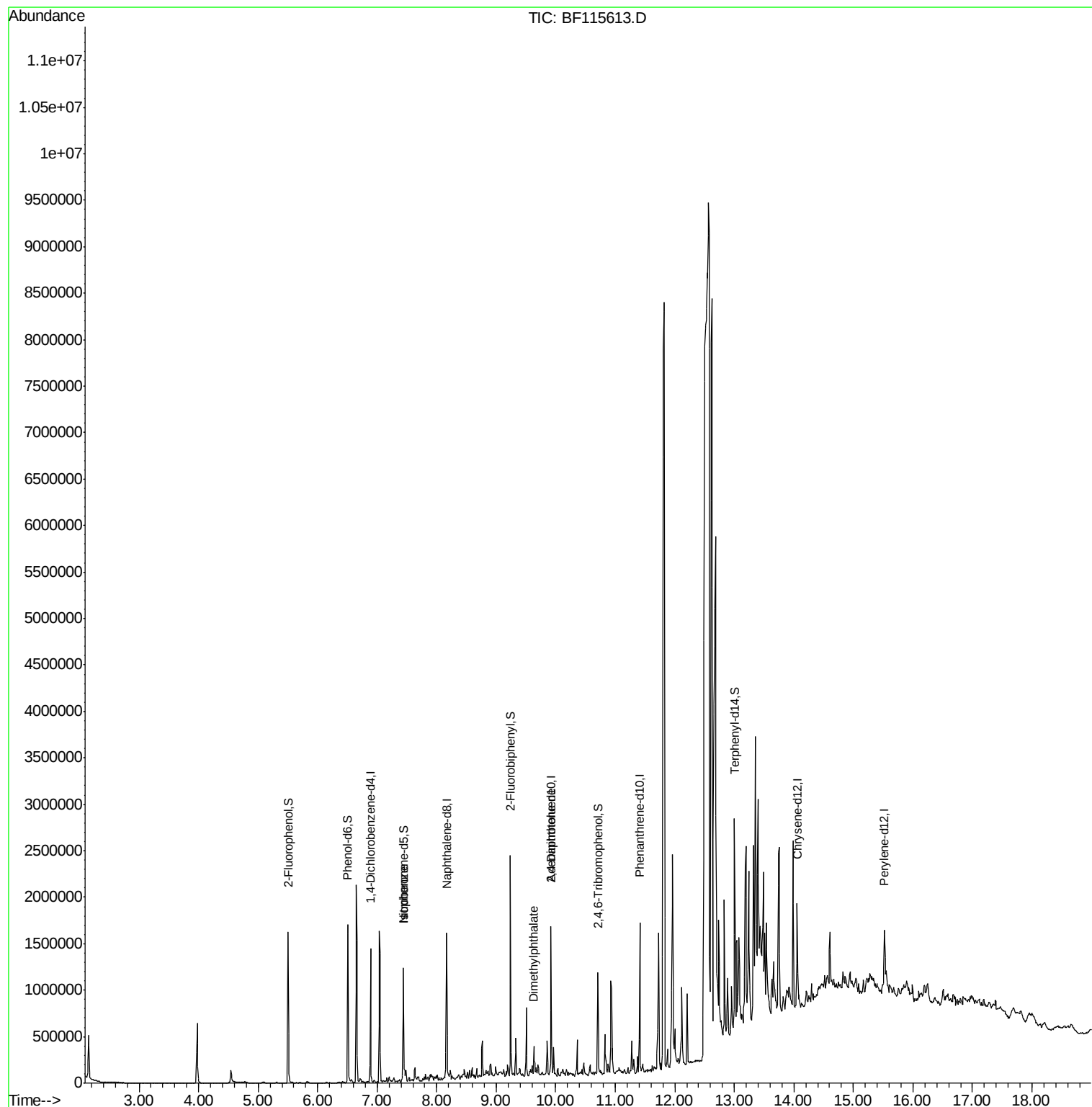
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	187775	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	707777	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	306649	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	561134	20.00	ng	0.00
76) Chrysene-d12	14.05	240	403903	20.00	ng	0.00
87) Perylene-d12	15.52	264	342987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	492214	42.88	ng	0.00
7) Phenol-d6	6.50	99	613790	42.14	ng	-0.01
23) Nitrobenzene-d5	7.44	82	365697	30.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	136416	38.11	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	667345	38.09	ng	-0.01
79) Terphenyl-d14	13.00	244	661911	30.24	ng	0.00
Target Compounds						
25) Isophorone	7.44	82	353972	14.533	ng	# 64
50) Dimethylphthalate	9.63	163	103710	4.495	ng	# 98
57) 2,4-Dinitrotoluene	9.92	165	43399	6.389	ng	# 24

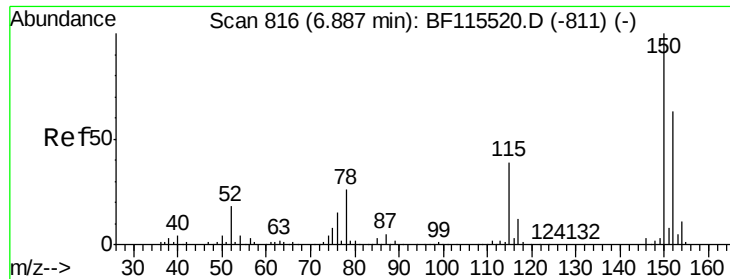
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Jul 17 03:56:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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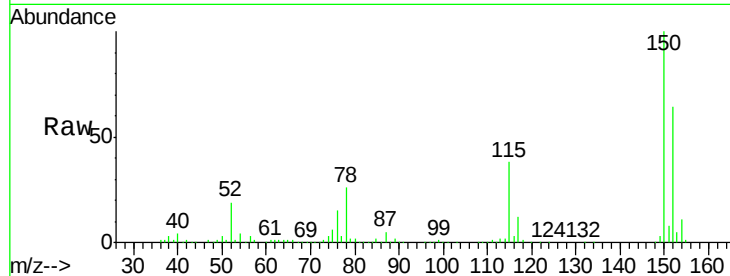


#1

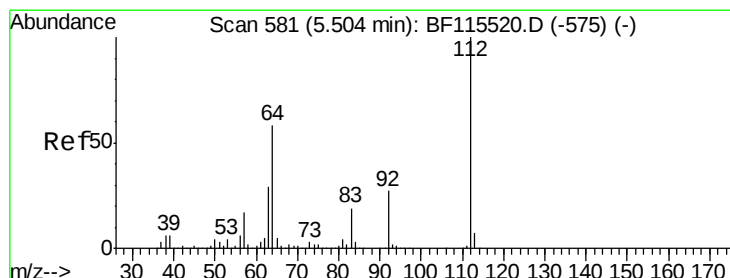
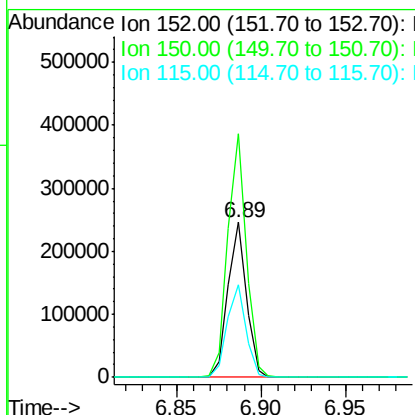
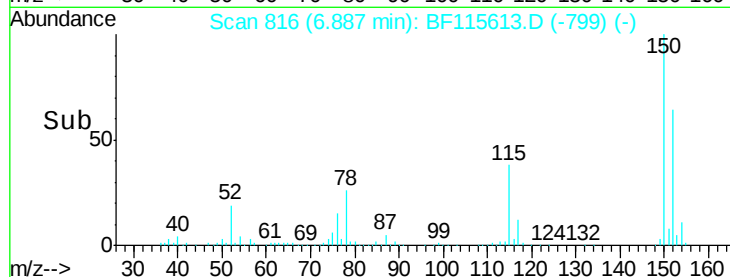
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115613.D
Acq: 16 Jul 2019 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 187775
Ion Ratio Lower Upper
152 100
150 156.9 129.7 194.5
115 60.0 48.2 72.4



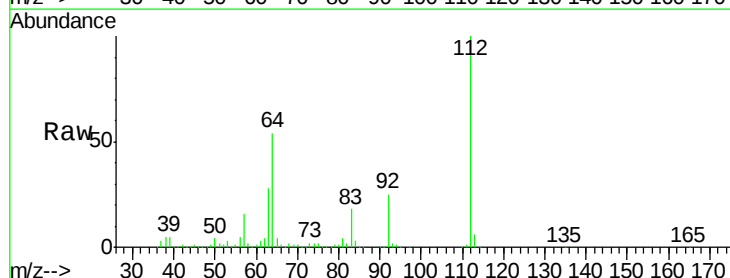
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



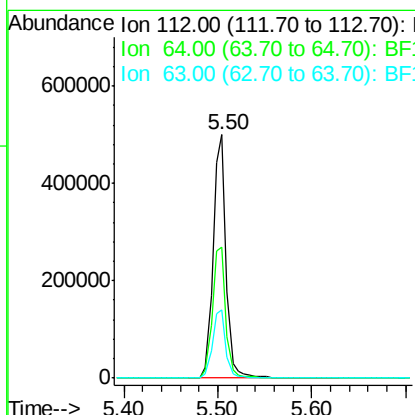
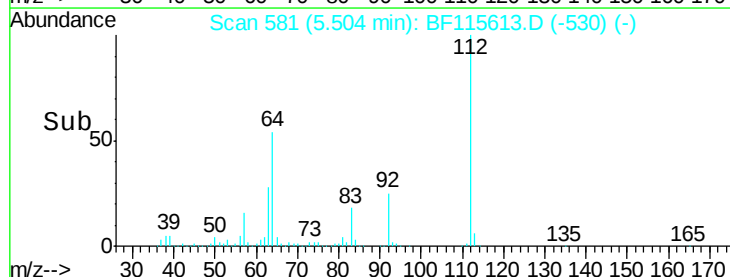
#5

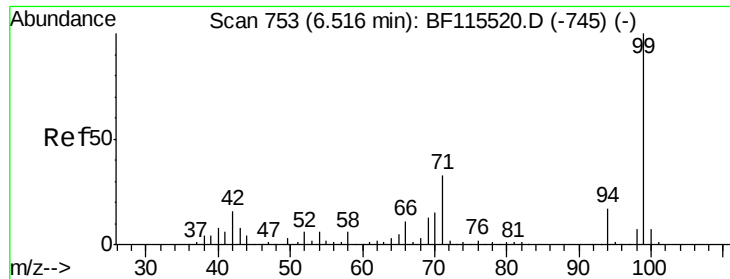
2-Fluorophenol
Concen: 42.877 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF115613.D
Acq: 16 Jul 2019 22:25

Tgt Ion:112 Resp: 492214
Ion Ratio Lower Upper
112 100
64 53.6 46.8 70.2
63 28.2 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 42.137 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115613.D

Acq: 16 Jul 2019 22:25

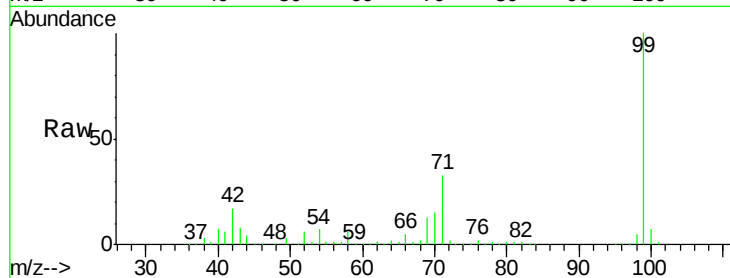
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 613790

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.6	20.4
71	32.8	28.5	42.7

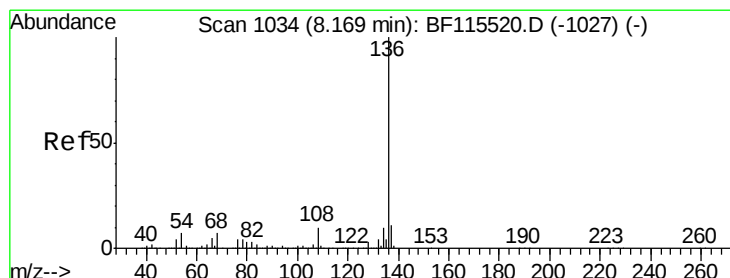
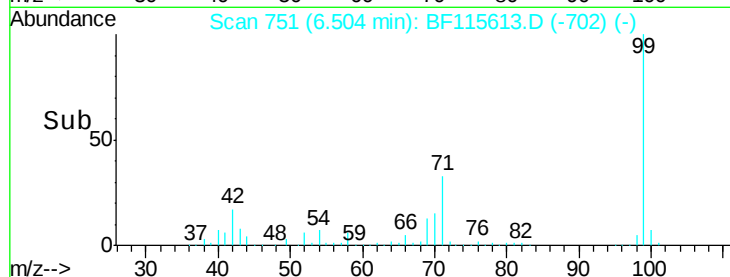
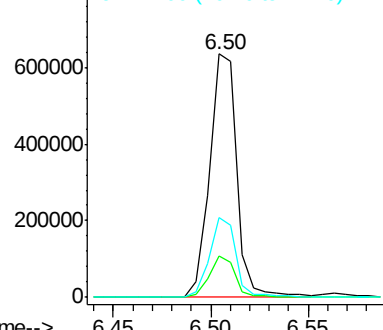


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

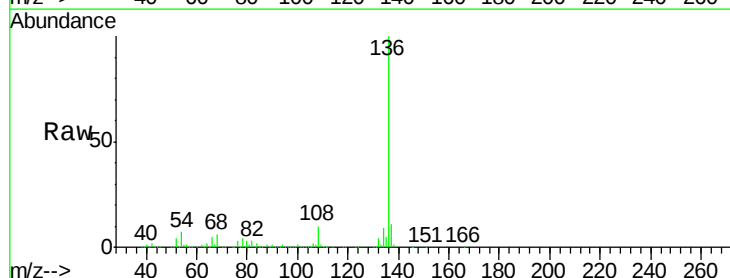
Delta R.T. 0.00 min

Lab File: BF115613.D

Acq: 16 Jul 2019 22:25

Tgt Ion: 136 Resp: 707777

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.6	5.6	8.4
68	5.8	5.0	7.6



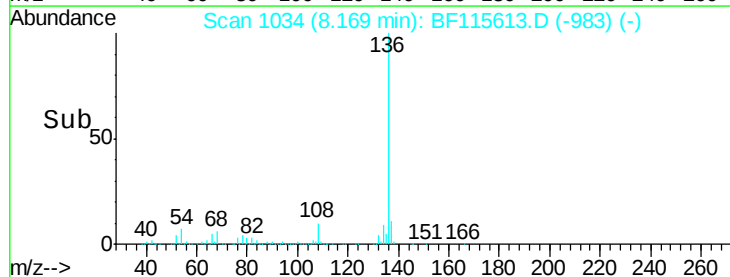
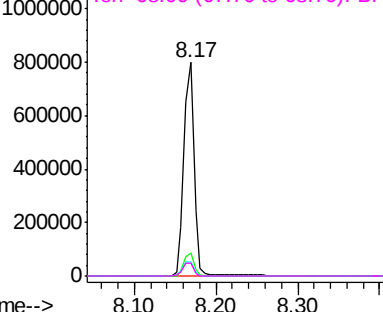
Abundance

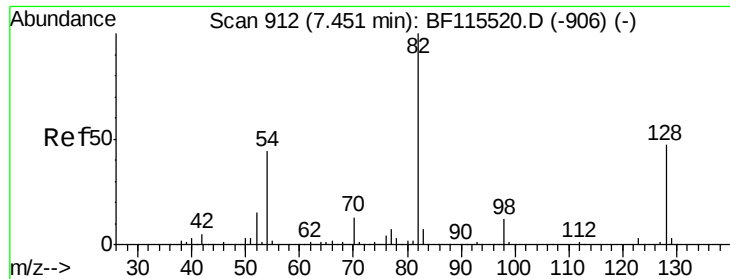
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

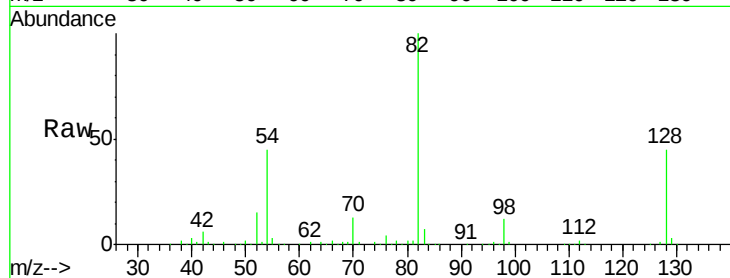




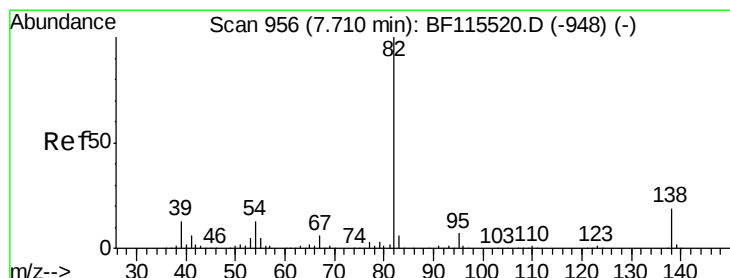
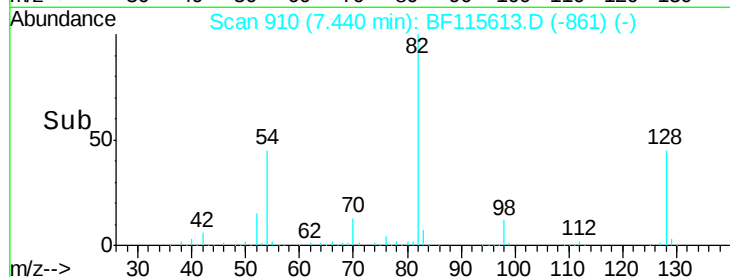
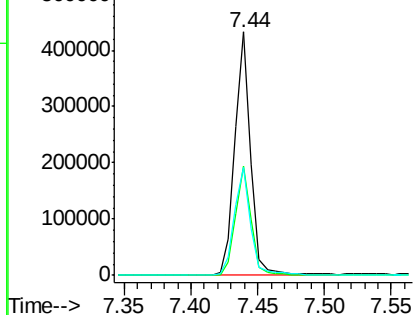
#23
Nitrobenzene-d5
Concen: 30.043 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115613.D
Acq: 16 Jul 2019 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	365697
Ion Ratio	Lower	Upper	
82	100		
128	45.0	38.6	57.8
54	44.6	35.6	53.4

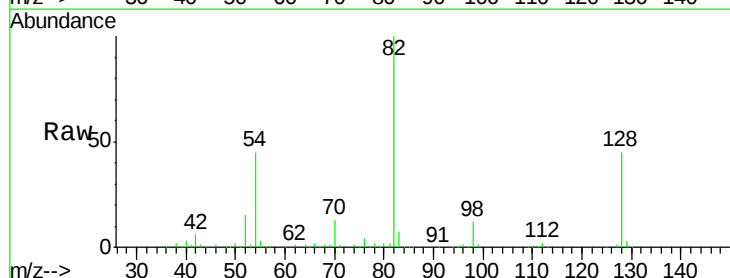


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

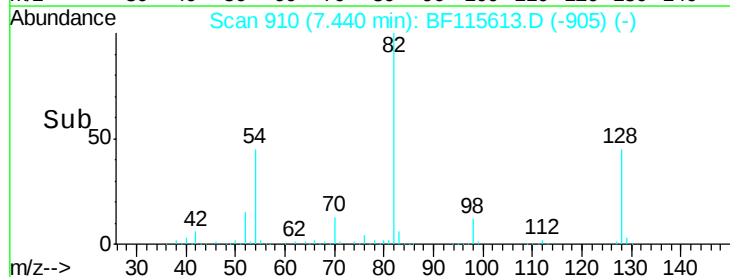
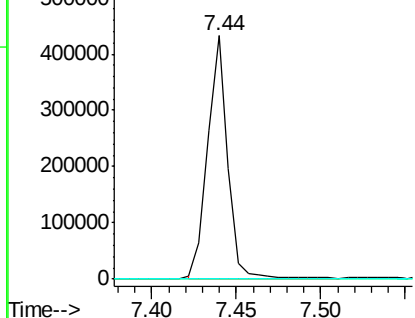


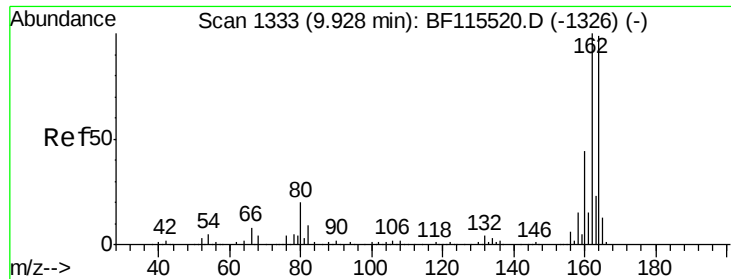
#25
Isophorone
Concen: 14.533 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF115613.D
Acq: 16 Jul 2019 22:25

Tgt Ion	82	Resp	353972
Ion Ratio	Lower	Upper	
82	100		
95	0.2	5.5	8.3#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

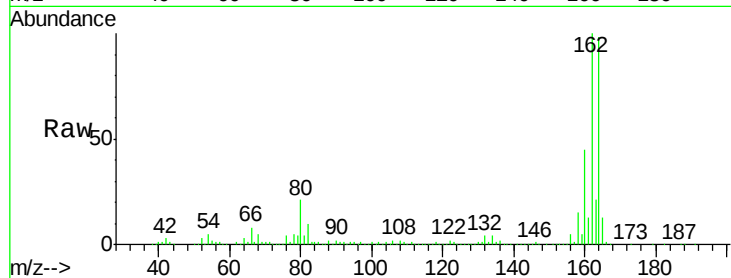




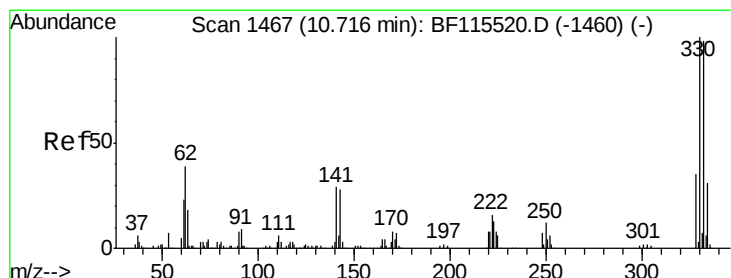
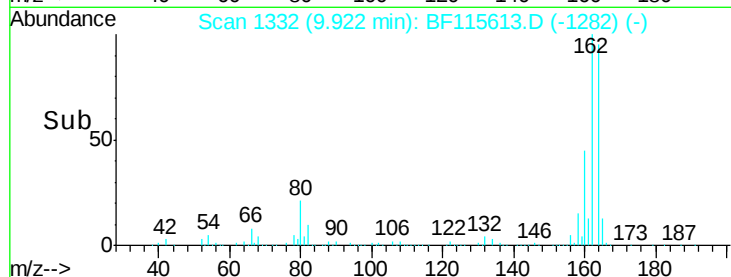
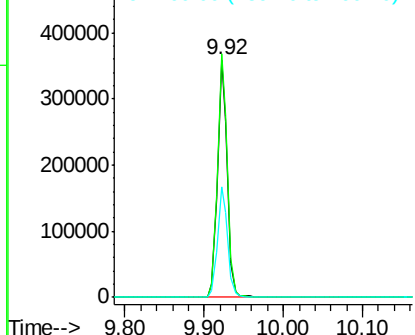
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115613.D
Acq: 16 Jul 2019 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.9	124.3
160	46.3	36.8	55.2

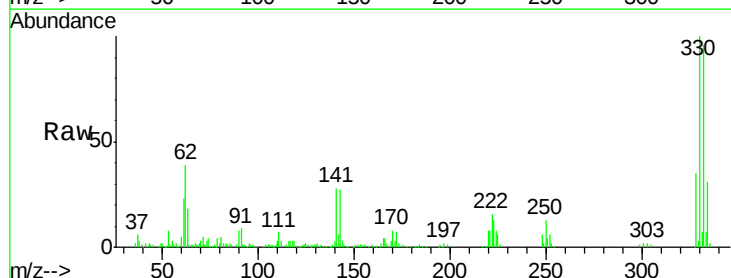


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

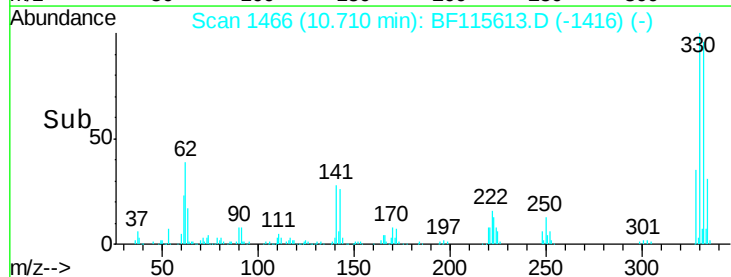
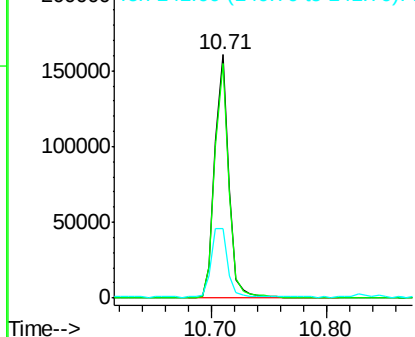


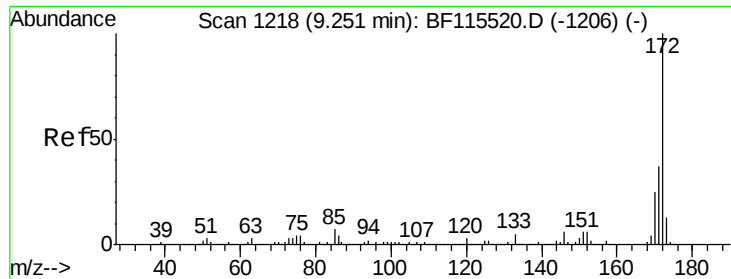
#42
2,4,6-Tribromophenol
Concen: 38.112 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF115613.D
Acq: 16 Jul 2019 22:25

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	32.9	22.4	33.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

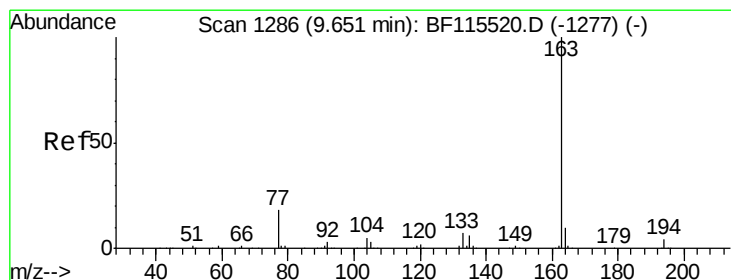
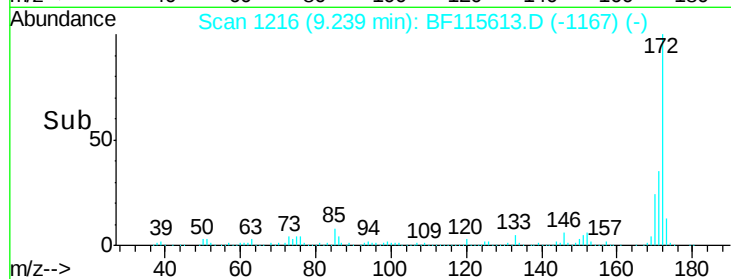
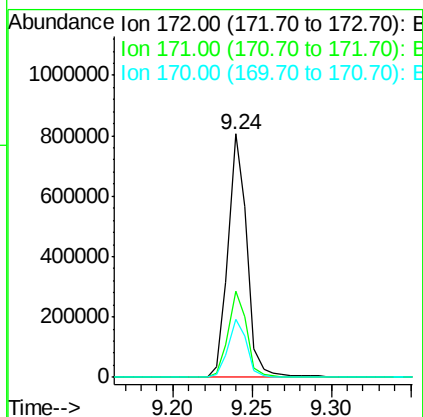
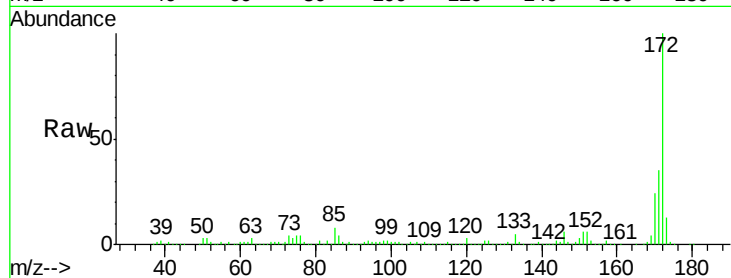




#45
2-Fluorobiphenyl
Concen: 38.091 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115613.D
Acq: 16 Jul 2019 22:25

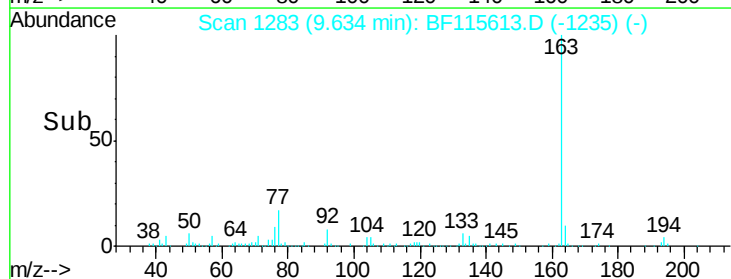
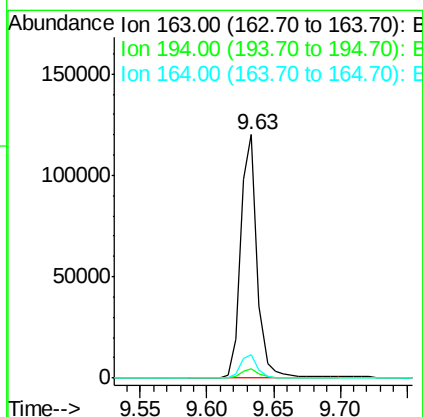
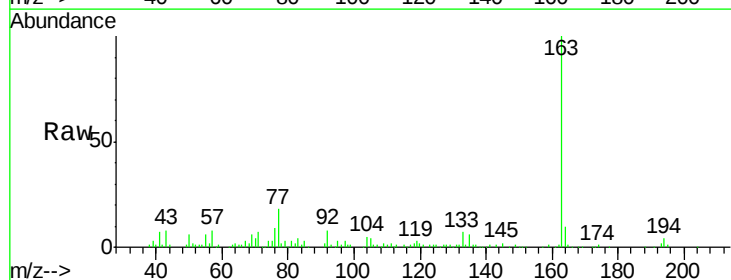
Instrument :
BNA_F
ClientSampled :

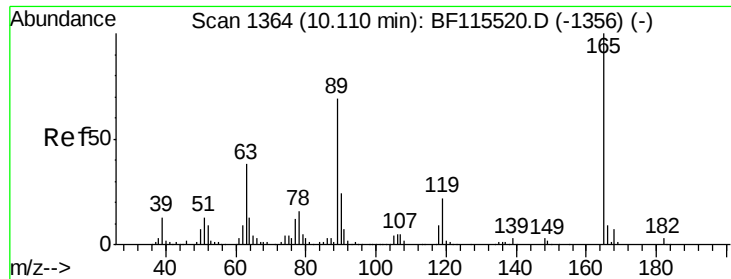
Tot Ion:172 Resp: 667345
Ion Ratio Lower Upper
172 100
171 35.3 30.6 46.0
170 24.0 20.5 30.7



#50
Dimethylphthalate
Concen: 4.495 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF115613.D
Acq: 16 Jul 2019 22:25

Tgt Ion:163 Resp: 103710
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.8 8.7 13.1

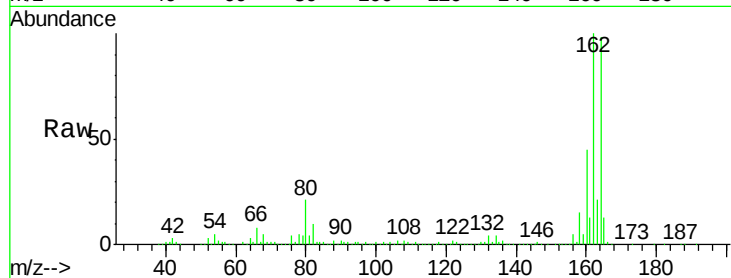




#57
 2,4-Dinitrotoluene
 Concen: 6.389 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF115613.D
 Acq: 16 Jul 2019 22:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.9	52.3#
89	1.4	57.5	86.3#
182	0.7	2.2	3.4#

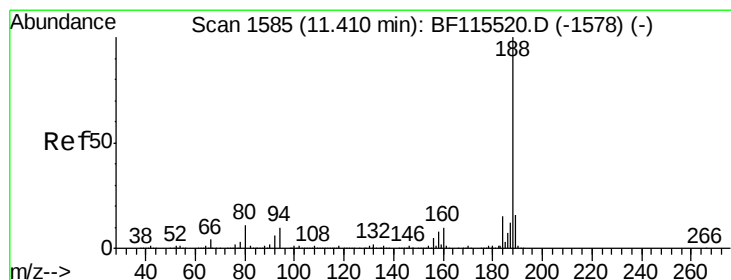
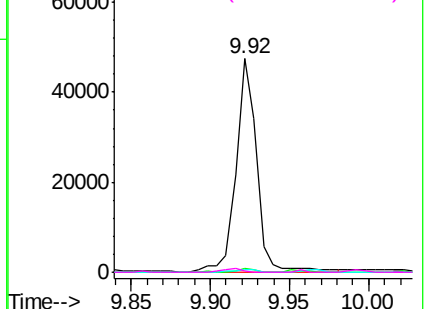
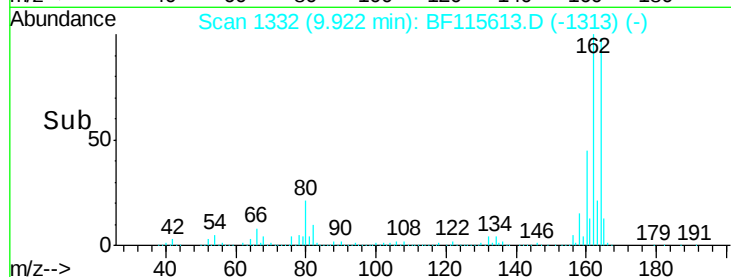


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

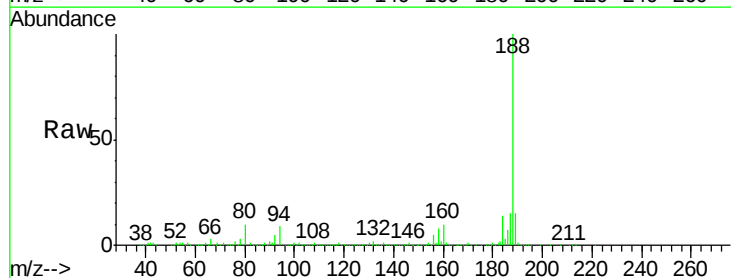
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF115613.D
 Acq: 16 Jul 2019 22:25

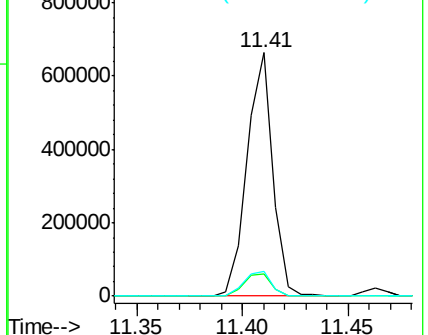
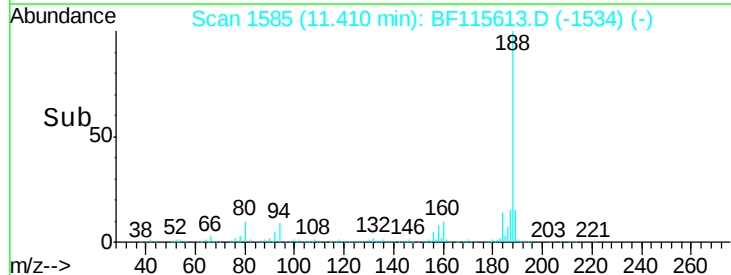
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.8	11.6
80	10.1	8.6	13.0

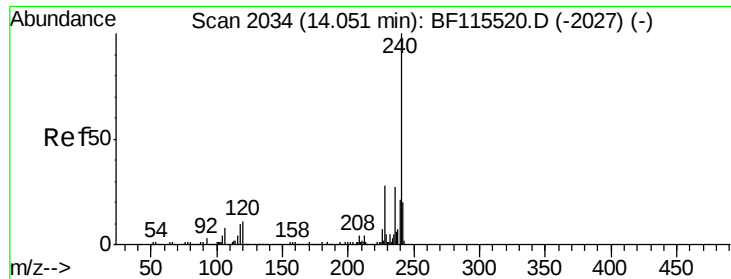


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF115613.D

Acq: 16 Jul 2019 22:25

Instrument :

BNA_F

ClientSampleId :

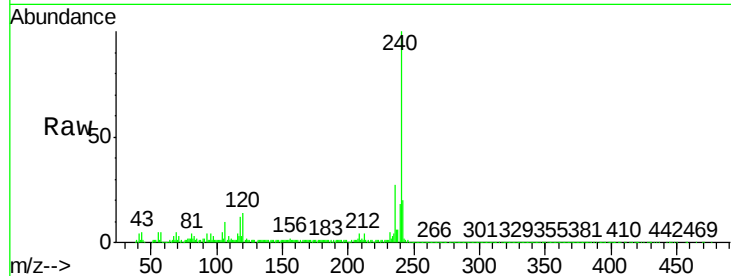
Tot Ion:240 Resp: 403903

Ion Ratio Lower Upper

240 100

120 13.6 8.6 13.0#

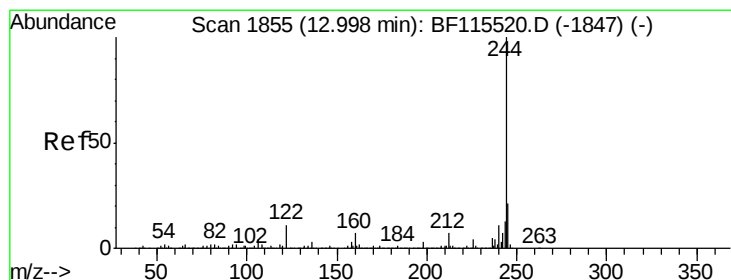
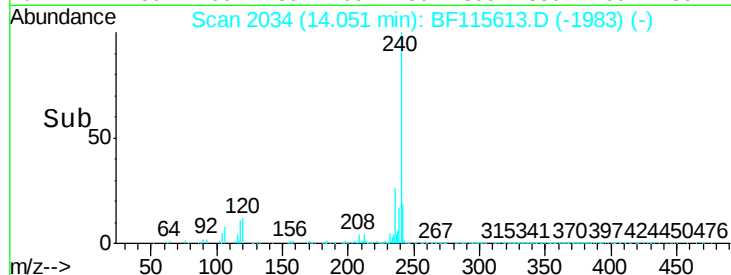
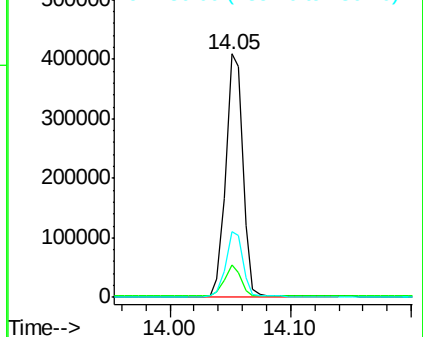
236 26.7 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 30.238 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF115613.D

Acq: 16 Jul 2019 22:25

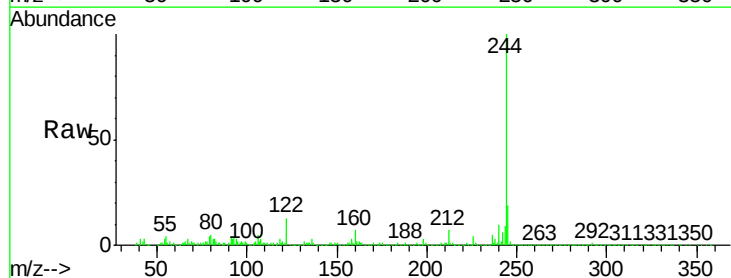
Tgt Ion:244 Resp: 661911

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

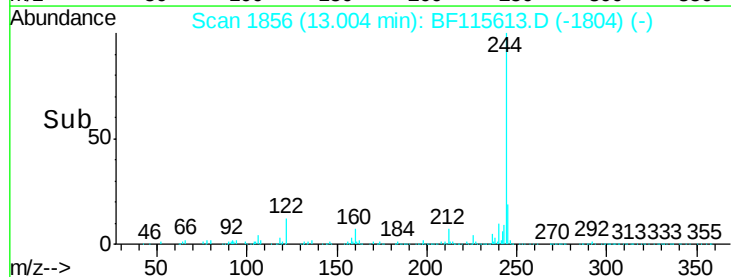
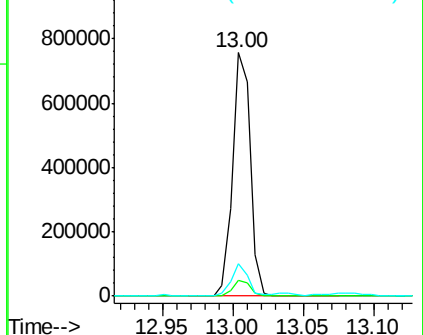
122 13.2 8.6 12.8#

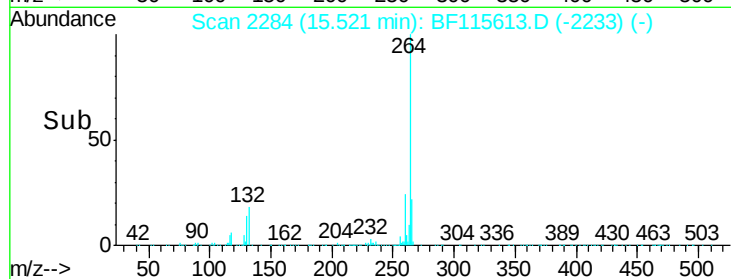
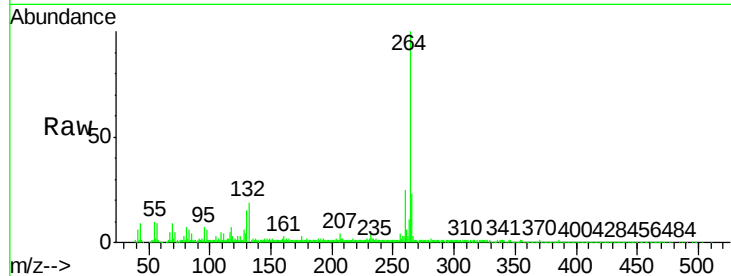
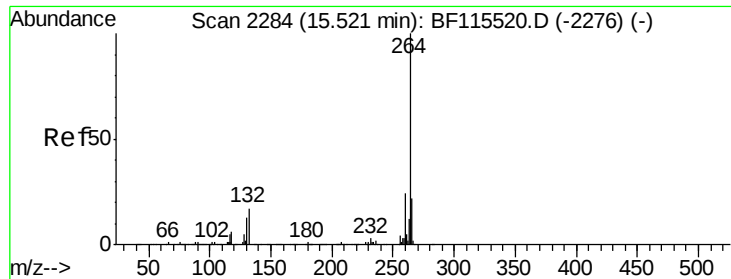


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BF115613.D
Acq: 16 Jul 2019 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	22.9	17.7	26.5

