

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115535.D
 Acq On : 12 Jul 2019 19:17
 Operator : HP/JU
 Sample : K3761-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 00:11:04 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

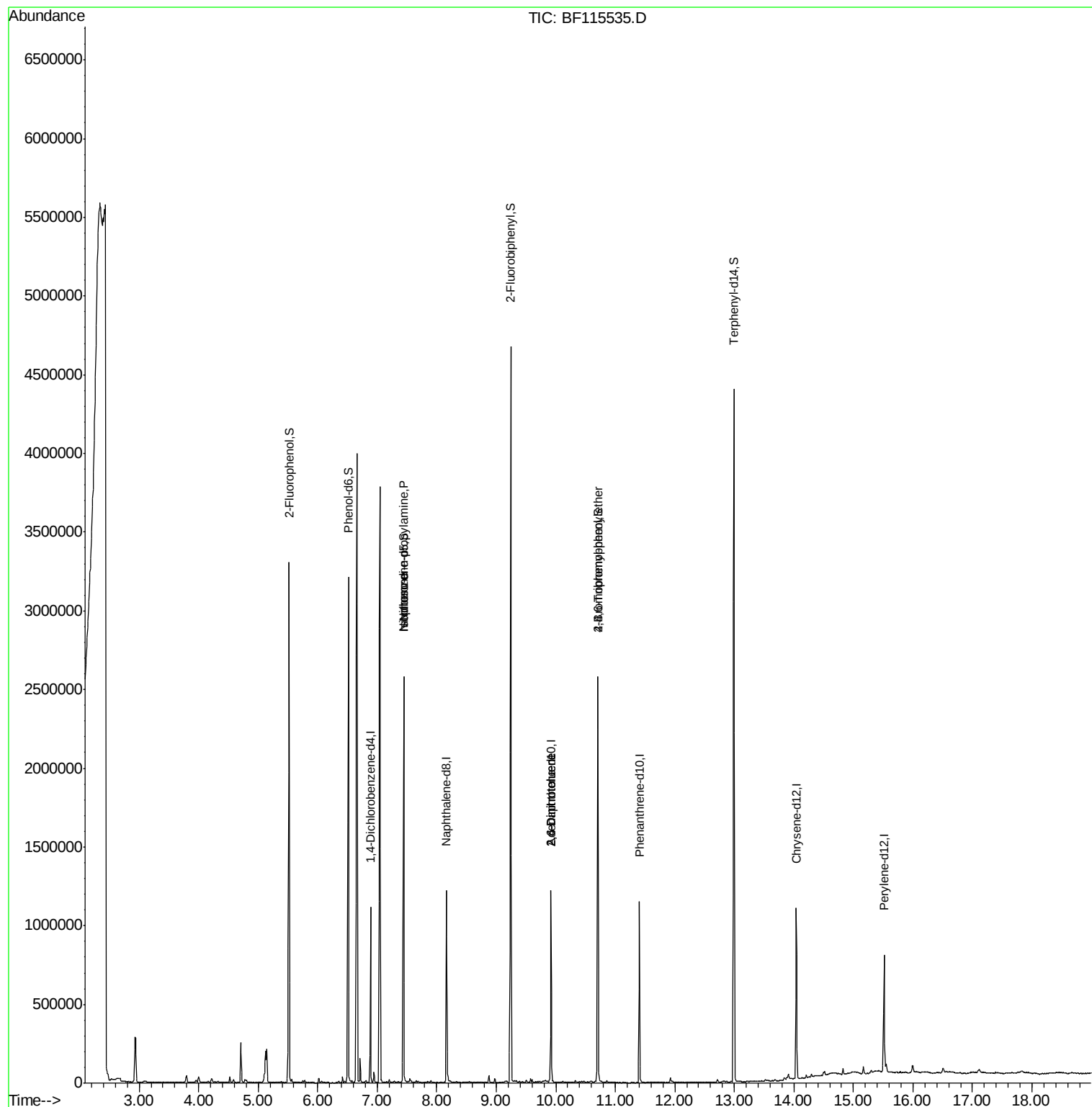
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	153609	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	557696	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	243849	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	393565	20.00	ng	0.00
76) Chrysene-d12	14.04	240	335518	20.00	ng	-0.01
87) Perylene-d12	15.52	264	357225	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1064726	113.38	ng	0.02
7) Phenol-d6	6.52	99	1207919	101.37	ng	0.00
23) Nitrobenzene-d5	7.45	82	939969	98.00	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	355046	124.74	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1615716	115.97	ng	0.00
79) Terphenyl-d14	12.99	244	1493636	82.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	125232	16.114	ng	# 76
25) Isophorone	7.45	82	933320	48.630	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	30649	7.351	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	30649	5.674	ng	# 24
67) 4-Bromophenyl-phenylether	10.71	248	21954	4.881	ng	# 1

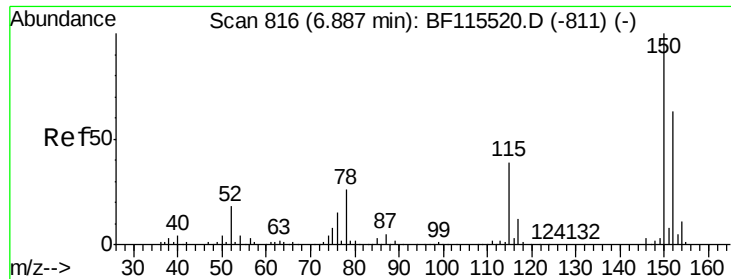
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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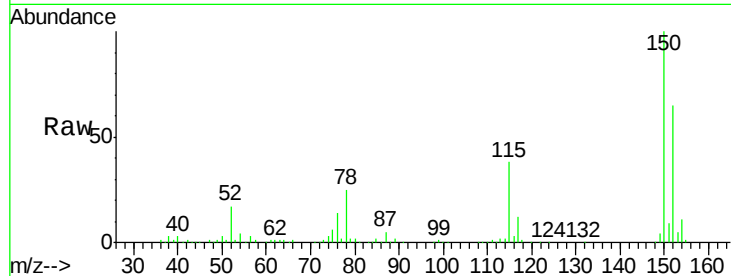


#1

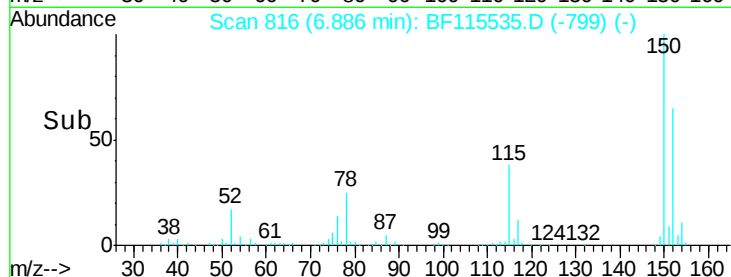
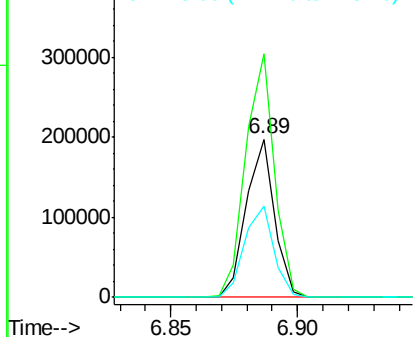
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF115535.D
Acq: 12 Jul 2019 19:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153609
Ion Ratio Lower Upper
152 100
150 154.0 129.7 194.5
115 58.0 48.2 72.4



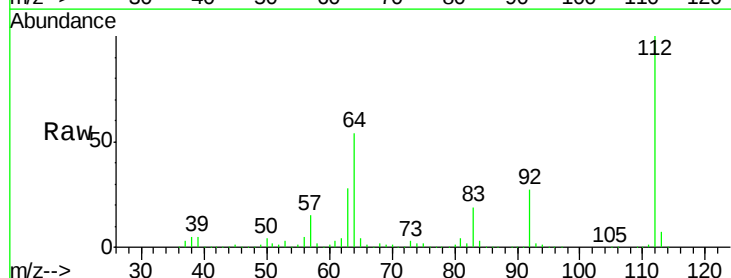
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



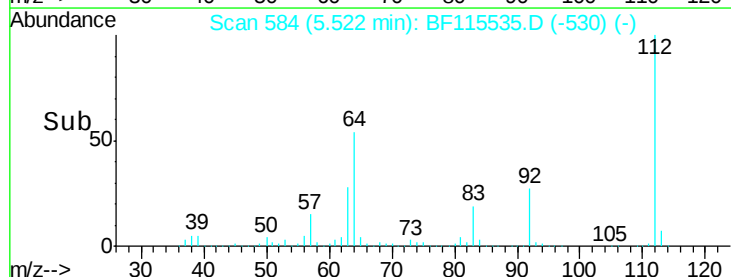
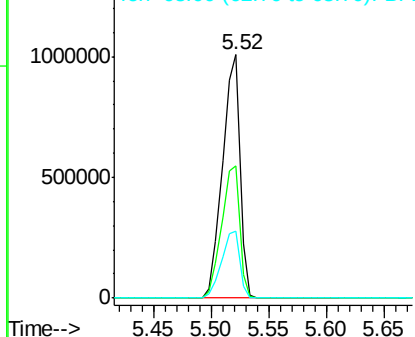
#5

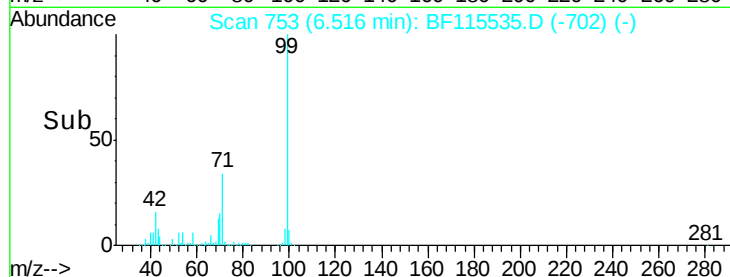
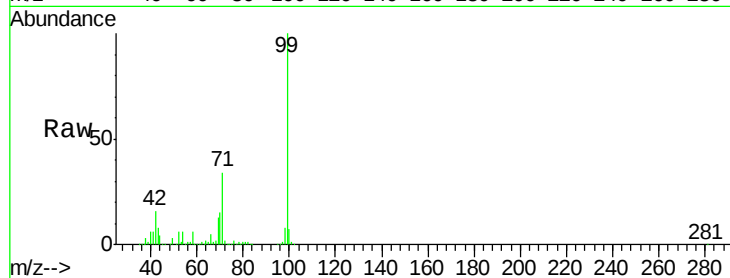
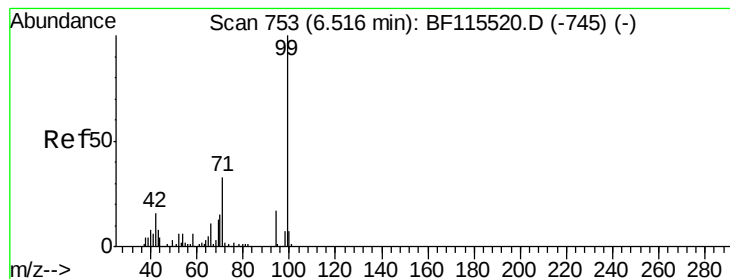
2-Fluorophenol
Concen: 113.378 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.02 min
Lab File: BF115535.D
Acq: 12 Jul 2019 19:17

Tgt Ion:112 Resp: 1064726
Ion Ratio Lower Upper
112 100
64 54.2 46.8 70.2
63 27.6 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: 101.369 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115535.D

Acq: 12 Jul 2019 19:17

Instrument :

BNA_F

ClientSampleId :

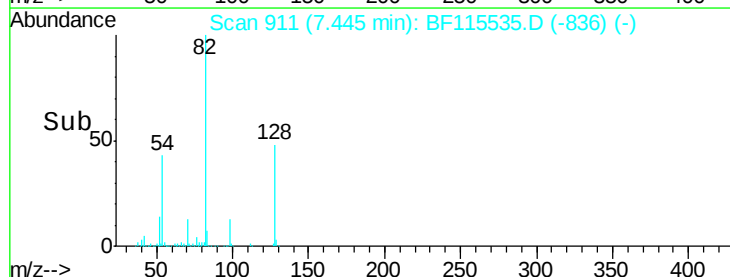
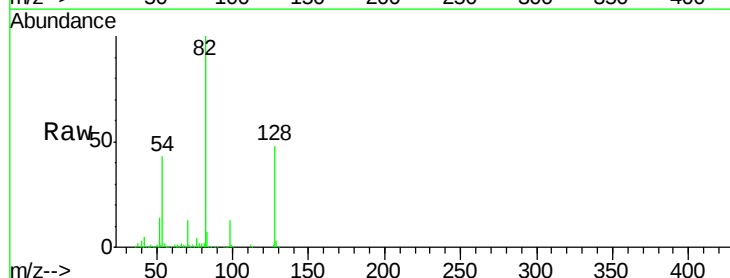
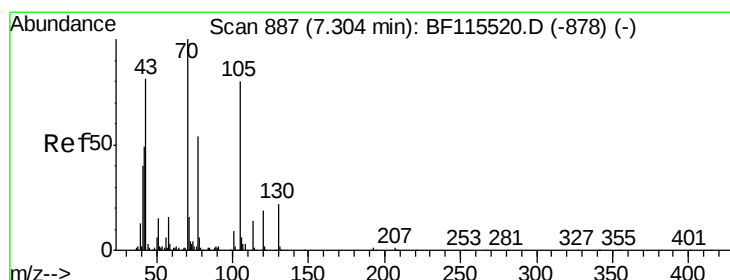
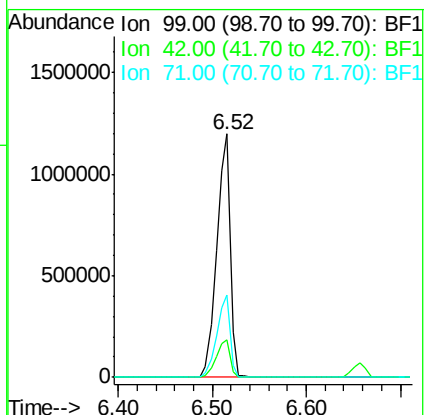
Tot Ion: 99 Resp: 1207919

Ion Ratio Lower Upper

99 100

42 15.5 13.6 20.4

71 33.6 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.114 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF115535.D

Acq: 12 Jul 2019 19:17

Tgt Ion: 70 Resp: 125232

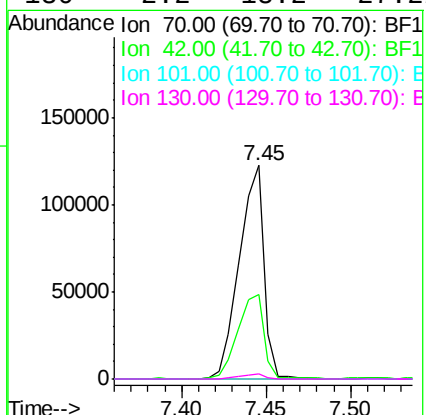
Ion Ratio Lower Upper

70 100

42 39.5 39.6 59.4#

101 0.0 8.1 12.1#

130 2.2 18.2 27.2#

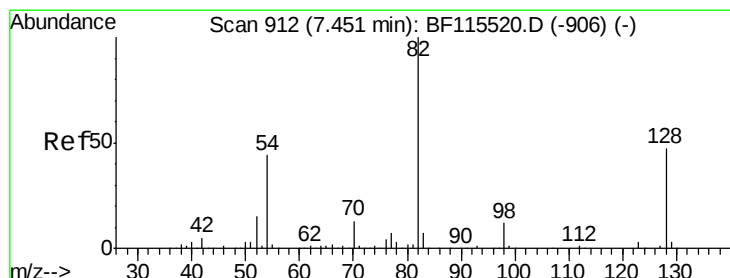
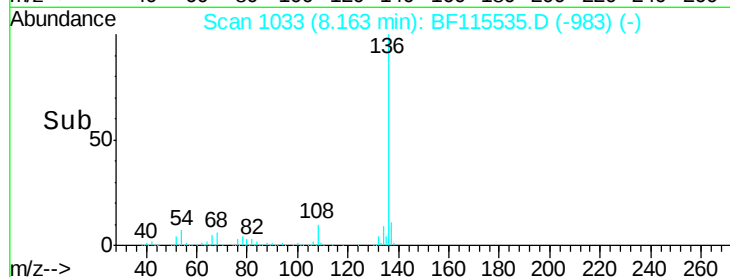
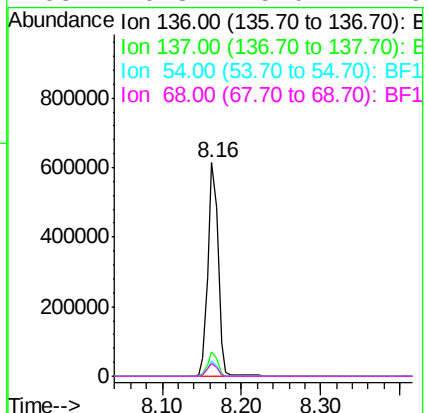
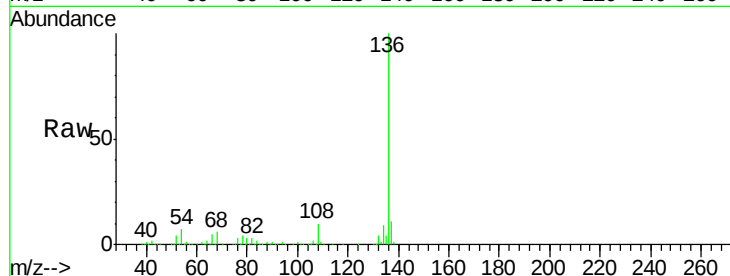




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115535.D
Acq: 12 Jul 2019 19:17

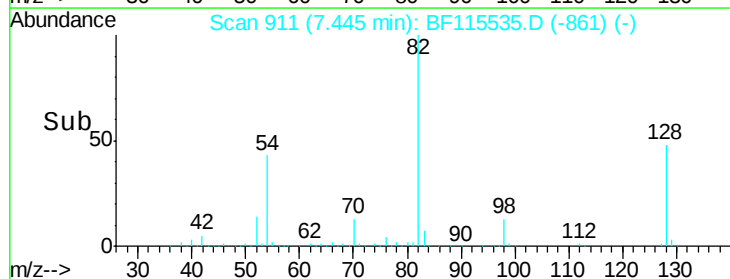
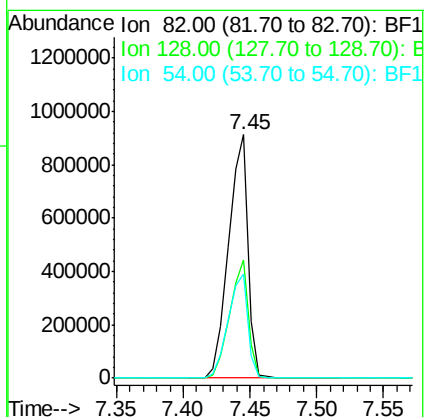
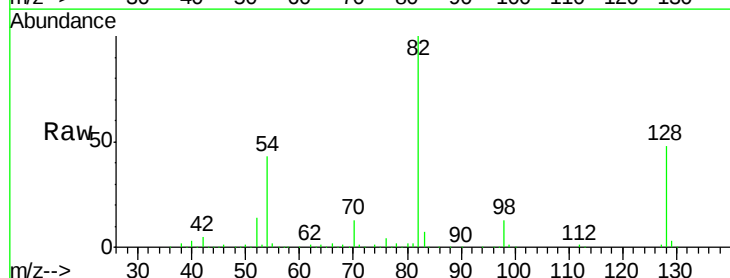
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	557696	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.0	13.4	
54 7.1	5.6	8.4	
68 6.3	5.0	7.6	



#23
Nitrobenzene-d5
Concen: 98.003 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115535.D
Acq: 12 Jul 2019 19:17

Tgt	Ion: 82	Resp:	939969
Ion	Ratio	Lower	Upper
82	100		
128	48.3	38.6	57.8
54	43.0	35.6	53.4





#25

Isophorone

Concen: 48.630 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF115535.D

Acq: 12 Jul 2019 19:17

Instrument :

BNA_F

ClientSampleId :

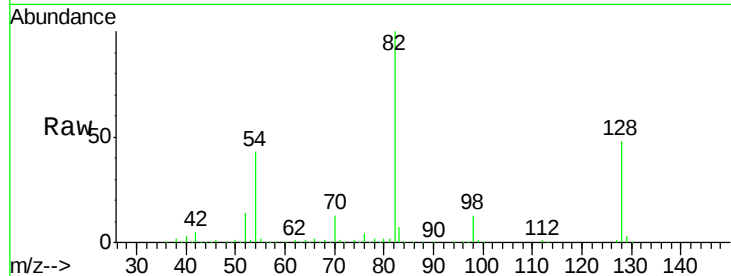
Tot Ion: 82 Resp: 933320

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

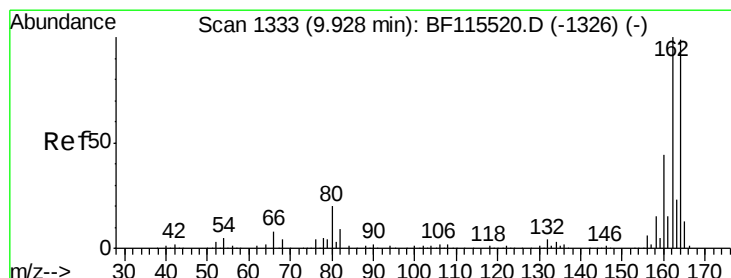
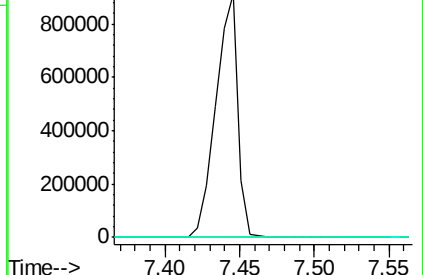
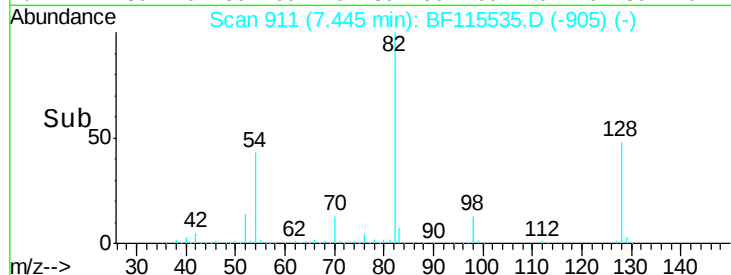
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF115535.D (-905) (-)

Ion 95.00 (94.70 to 95.70): BF115535.D (-905) (-)

Ion 138.00 (137.70 to 138.70): BF115535.D (-905) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115535.D

Acq: 12 Jul 2019 19:17

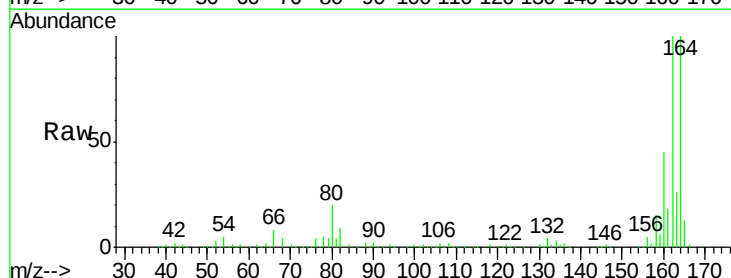
Tgt Ion: 164 Resp: 243849

Ion Ratio Lower Upper

164 100

162 100.2 82.9 124.3

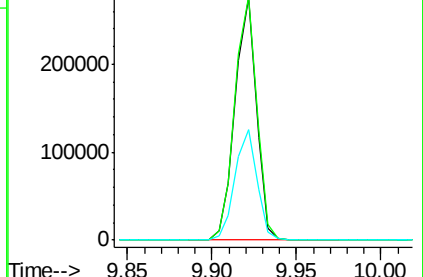
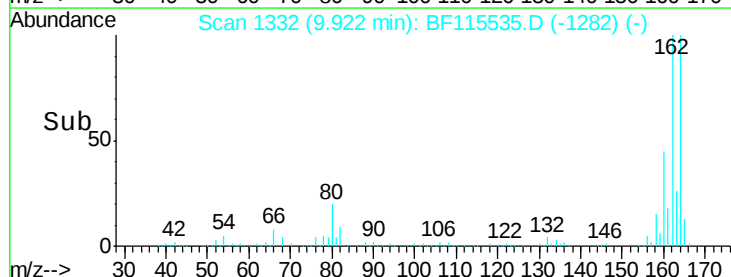
160 45.3 36.8 55.2



Abundance Ion 164.00 (163.70 to 164.70): BF115535.D (-1282) (-)

Ion 162.00 (161.70 to 162.70): BF115535.D (-1282) (-)

Ion 160.00 (159.70 to 160.70): BF115535.D (-1282) (-)

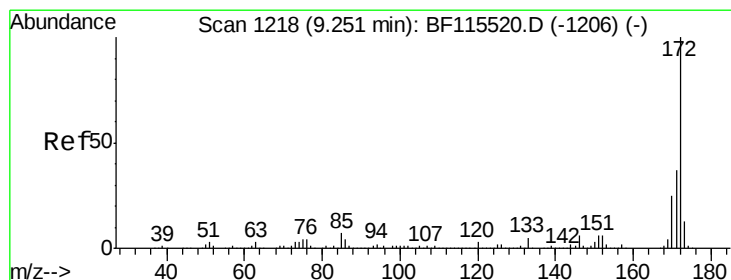
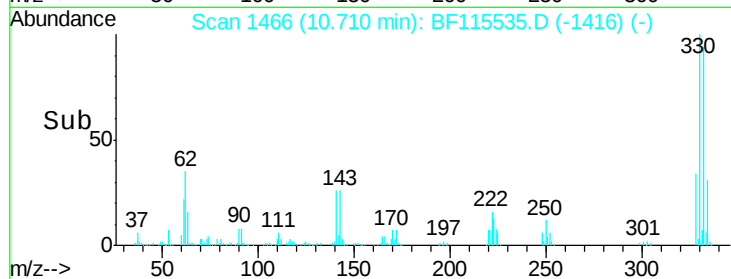
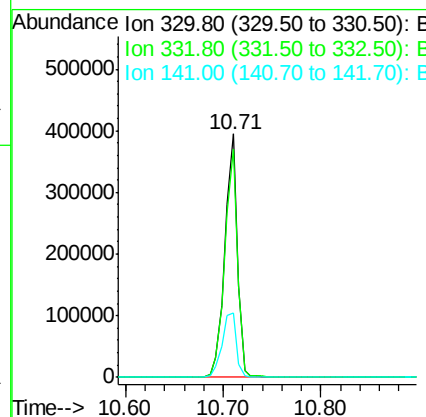
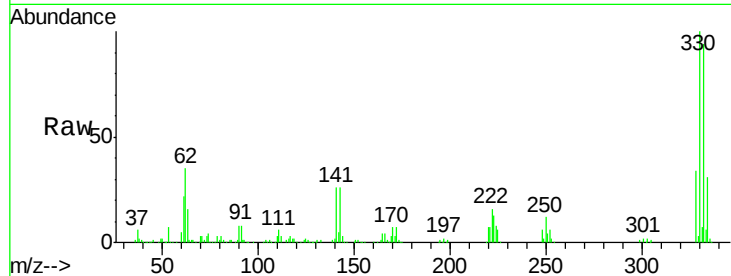




#42
 2,4,6-Tribromophenol
 Concen: 124.739 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115535.D
 Acq: 12 Jul 2019 19:17

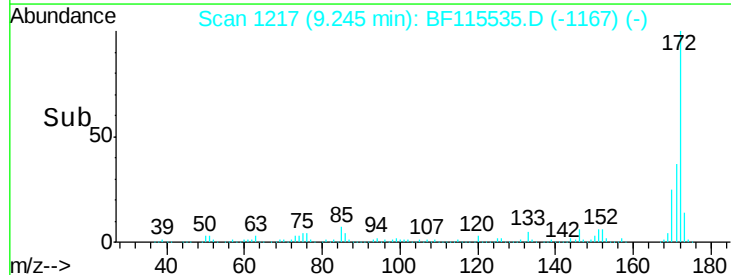
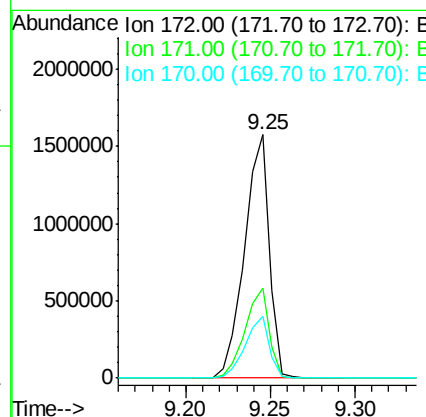
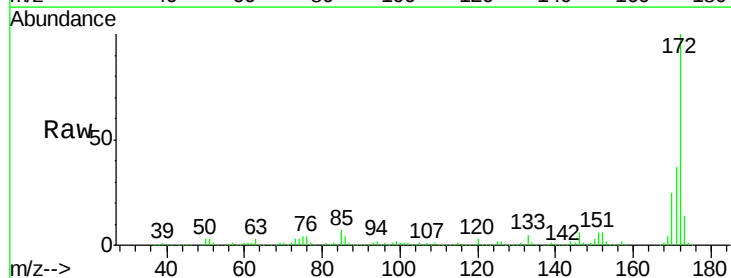
Instrument :
 BNA_F
 ClientSampled :

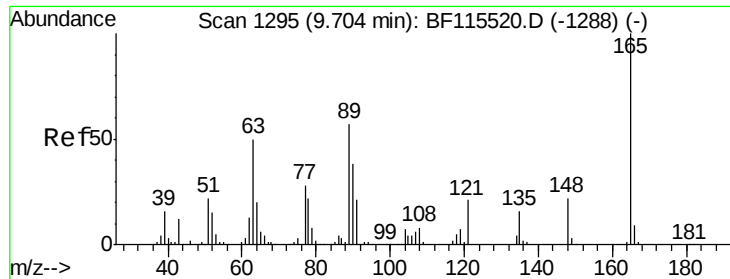
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.2
141	30.3	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 115.972 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF115535.D
 Acq: 12 Jul 2019 19:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	25.3	20.5	30.7





#51

2,6-Dinitrotoluene

Concen: 7.351 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.22 min

Lab File: BF115535.D

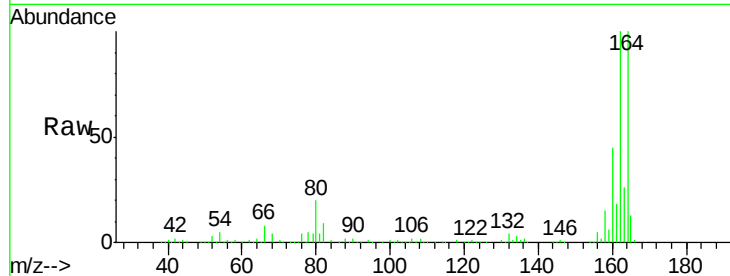
Acq: 12 Jul 2019 19:17

Instrument :

BNA_F

ClientSampleId :

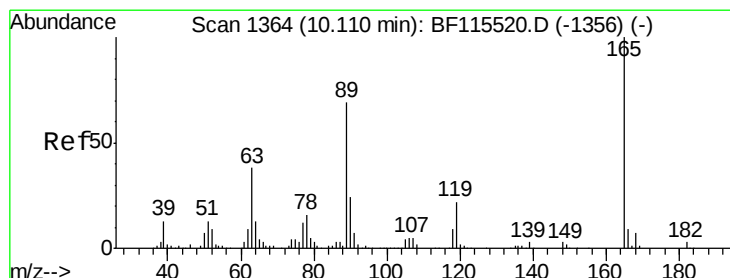
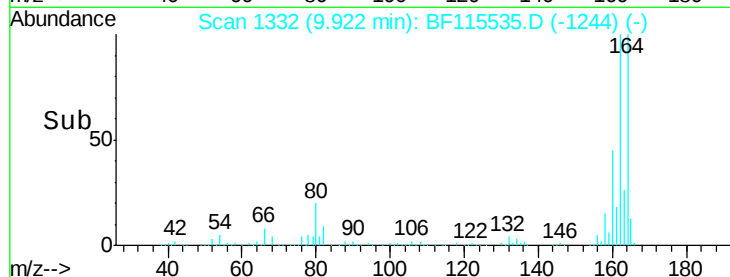
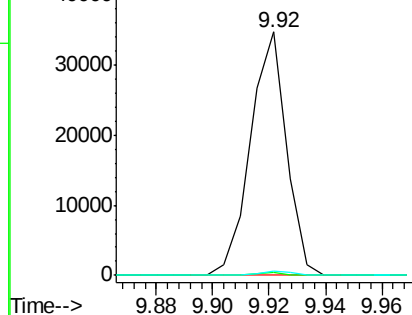
Tot Ion:165	Resp:	30649
Ion Ratio	Lower	Upper
165	100	
63	1.1	40.6 61.0#
89	1.7	43.9 65.9#



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



#57

2,4-Dinitrotoluene

Concen: 5.674 ng

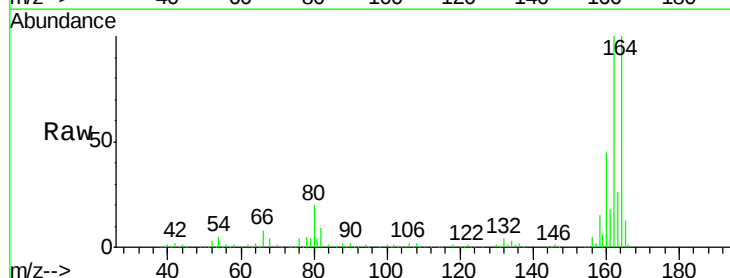
RT: 9.92 min Scan# 1332

Delta R.T. -0.19 min

Lab File: BF115535.D

Acq: 12 Jul 2019 19:17

Tgt Ion:165	Resp:	30649
Ion Ratio	Lower	Upper
165	100	
63	1.1	34.9 52.3#
89	1.7	57.5 86.3#
182	0.0	2.2 3.4#

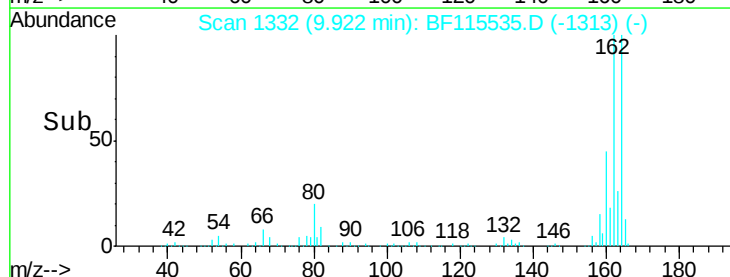
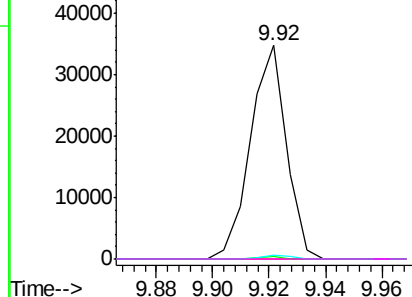


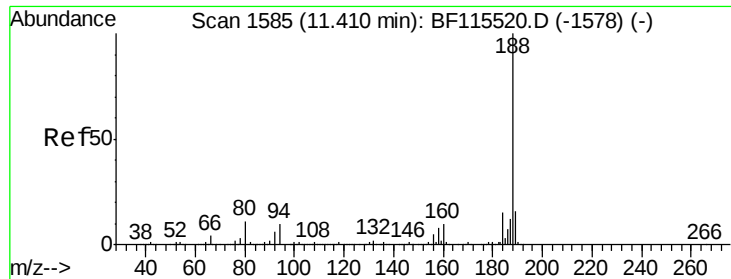
Abundance Ion 165.00 (164.70 to 165.70): E

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

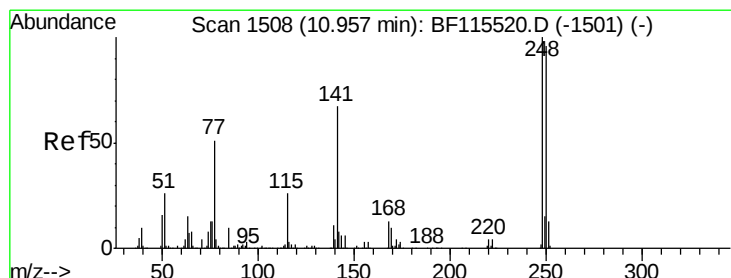
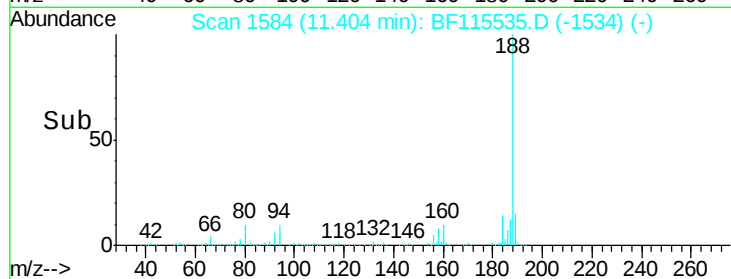
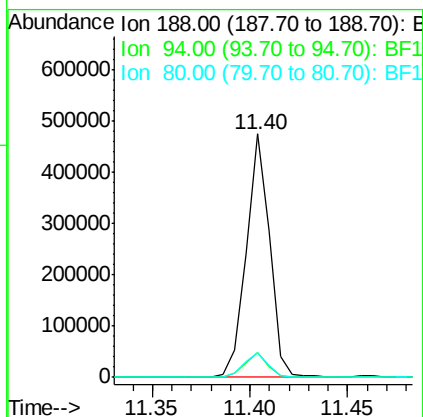
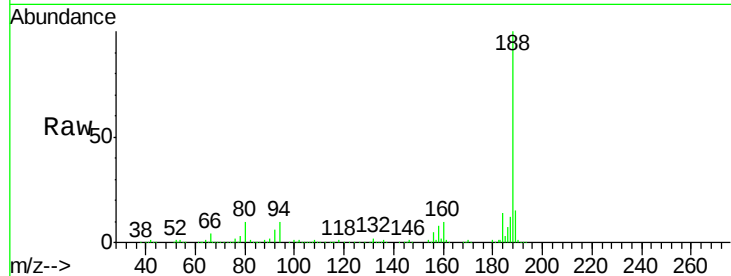




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115535.D
Acq: 12 Jul 2019 19:17

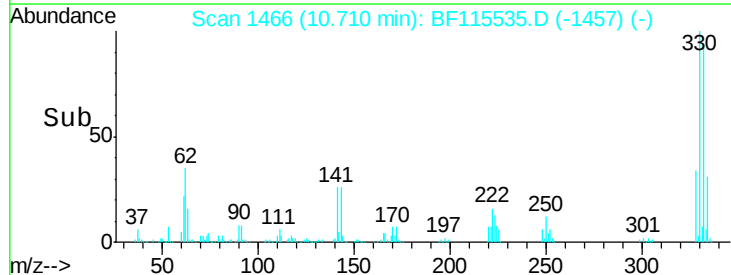
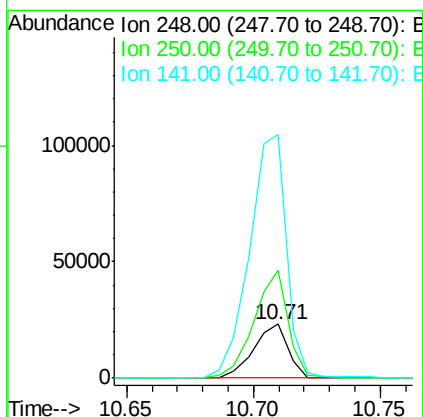
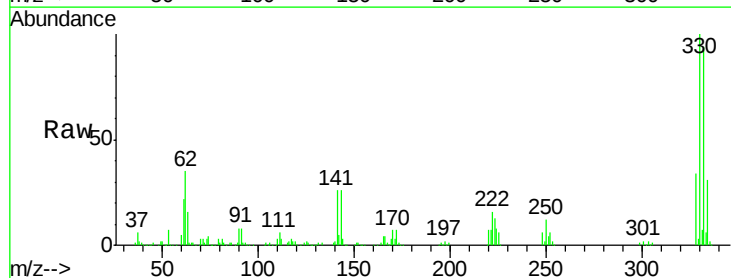
Instrument :
BNA_F
ClientSampleId :

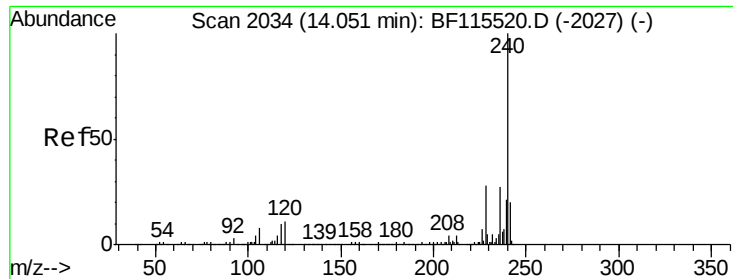
Tot Ion:188 Resp: 393565
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 10.2 8.6 13.0



#67
4-Bromophenyl-phenylether
Concen: 4.881 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF115535.D
Acq: 12 Jul 2019 19:17

Tgt Ion:248 Resp: 21954
Ion Ratio Lower Upper
248 100
250 200.7 78.0 117.0#
141 450.7 57.7 86.5#

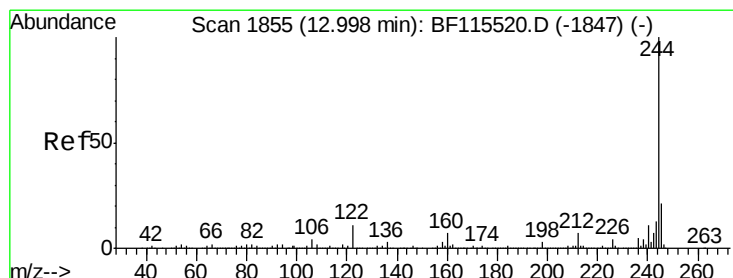
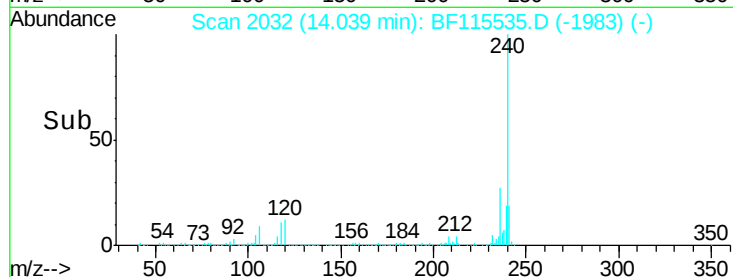
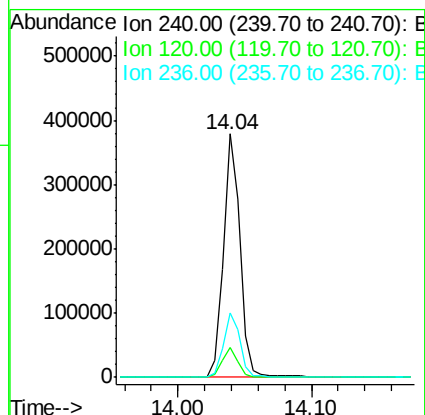
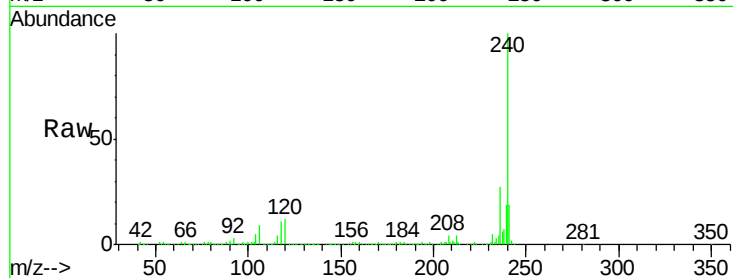




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115535.D
 Acq: 12 Jul 2019 19:17

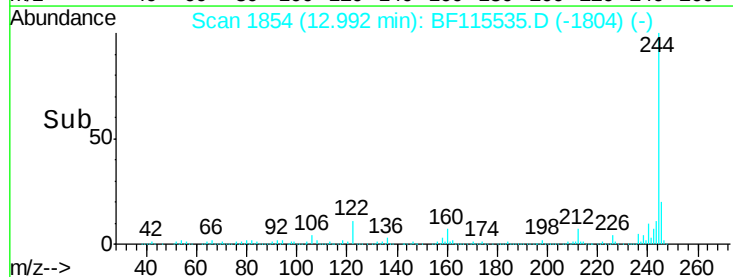
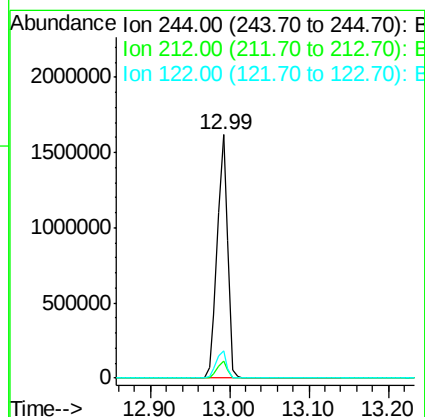
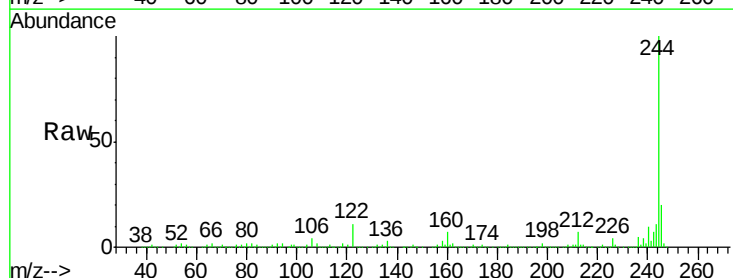
Instrument :
 BNA_F
 ClientSampleId :

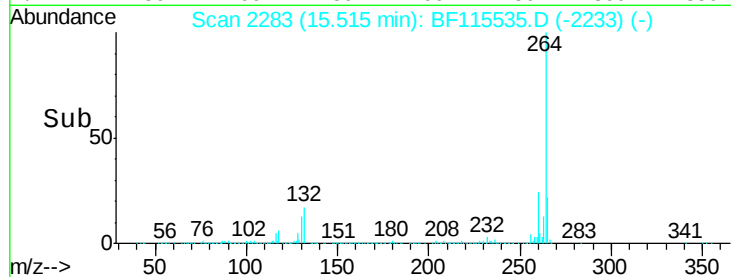
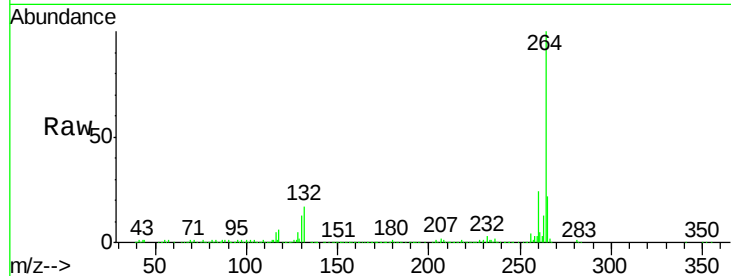
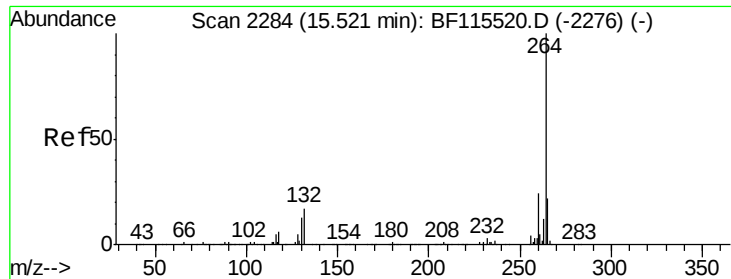
Tot Ion:240 Resp: 335518
 Ion Ratio Lower Upper
 240 100
 120 12.2 8.6 13.0
 236 26.6 21.3 31.9



#79
 Terphenyl-d14
 Concen: 82.142 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115535.D
 Acq: 12 Jul 2019 19:17

Tgt Ion:244 Resp: 1493636
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 11.4 8.6 12.8





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF115535.D
 Acq: 12 Jul 2019 19:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	357225
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.8	29.8
265	22.3	17.7	26.5

