

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
 Data File : BF115711.D
 Acq On : 22 Jul 2019 16:06
 Operator : HP/JU
 Sample : K3617-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 01:16:48 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

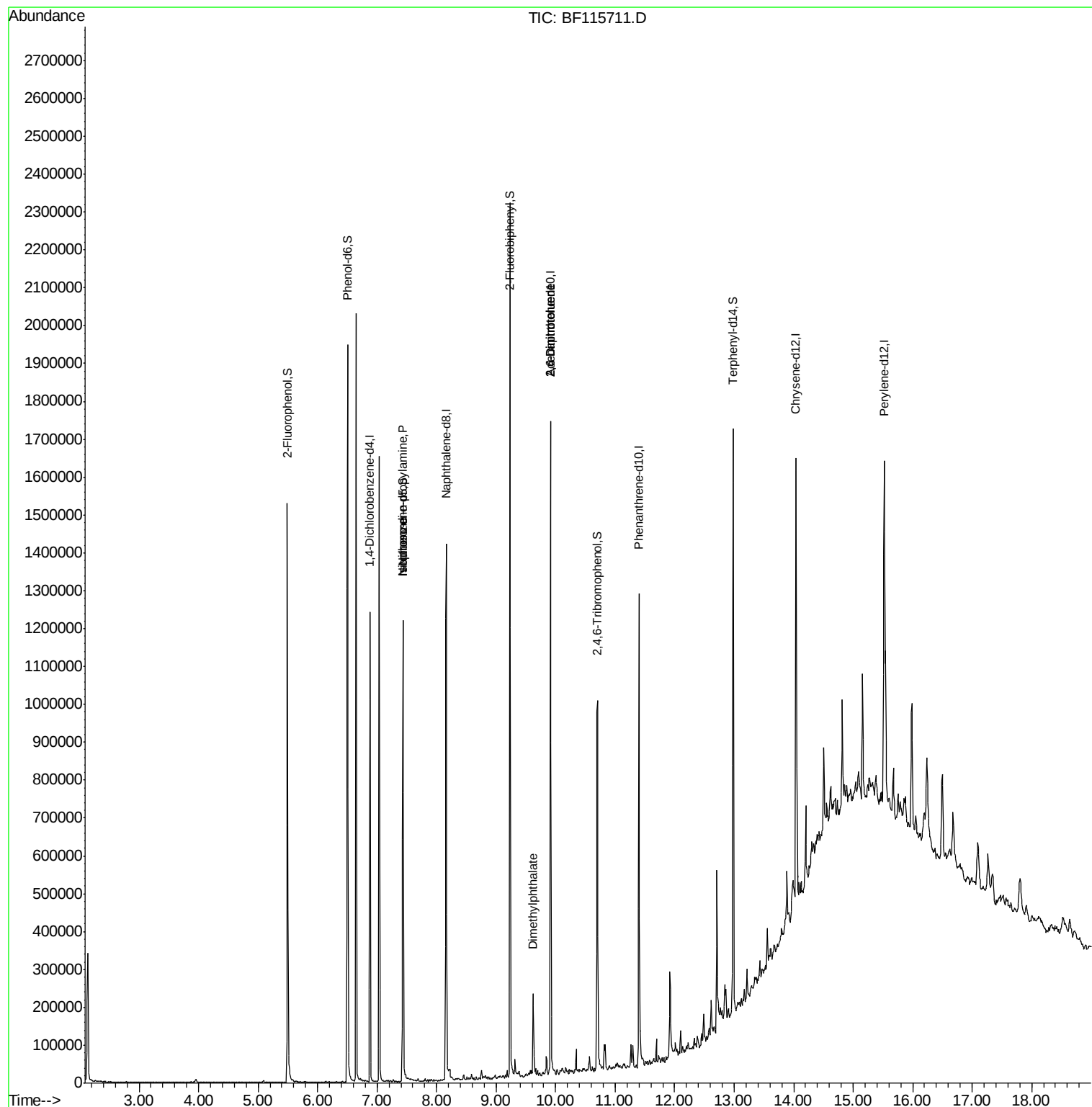
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	176134	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	669575	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	324110	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	480745	20.00	ng	0.00
76) Chrysene-d12	14.04	240	406398	20.00	ng	-0.01
87) Perylene-d12	15.52	264	424277	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	485550	45.09	ng	0.00
7) Phenol-d6	6.50	99	643083	47.07	ng	-0.01
23) Nitrobenzene-d5	7.43	82	383538	33.31	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	132653	35.06	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	666706	36.00	ng	-0.02
79) Terphenyl-d14	12.98	244	540030	24.52	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	51680	5.800	ng	# 79
25) Isophorone	7.43	82	371524	16.124	ng	# 64
50) Dimethylphthalate	9.62	163	85586	3.510	ng	# 99
51) 2,6-Dinitrotoluene	9.92	165	42749	7.714	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	42871	5.971	ng	# 24

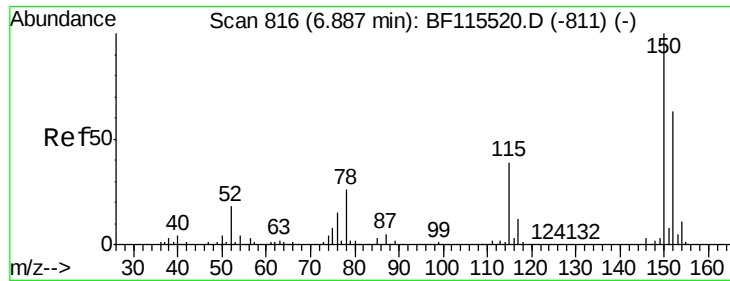
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 13 Sample Multiplier: 1

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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



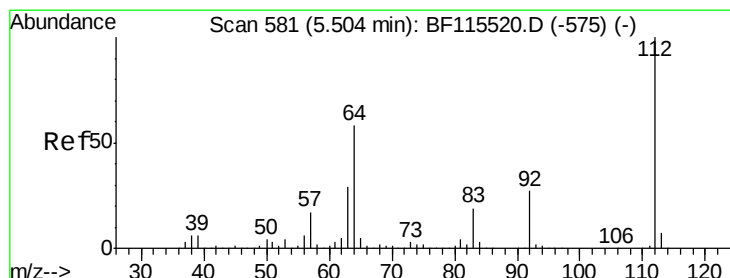
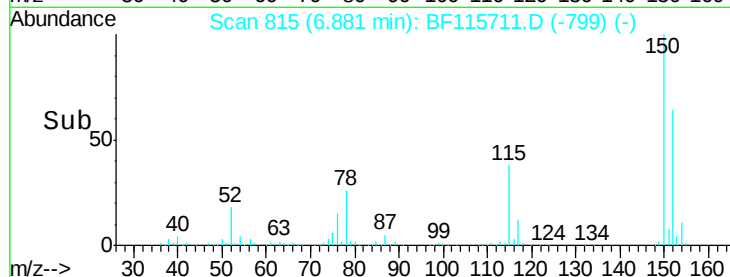
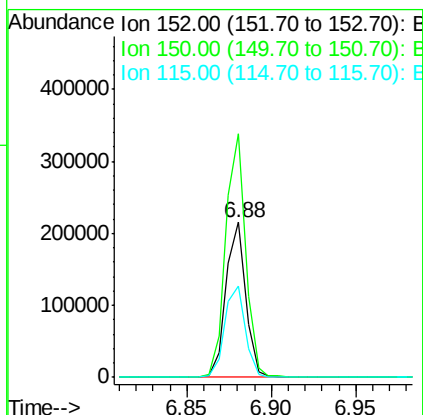
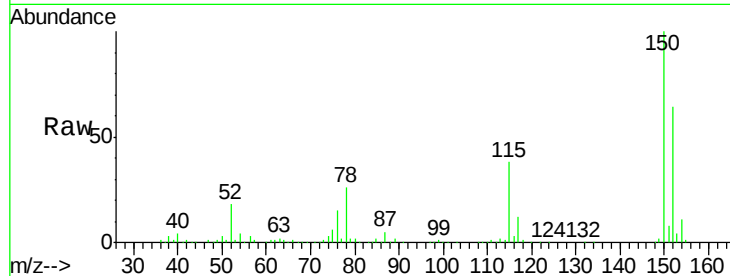


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115711.D
Acq: 22 Jul 2019 16:06

Instrument :
BNA_F
ClientSampled :

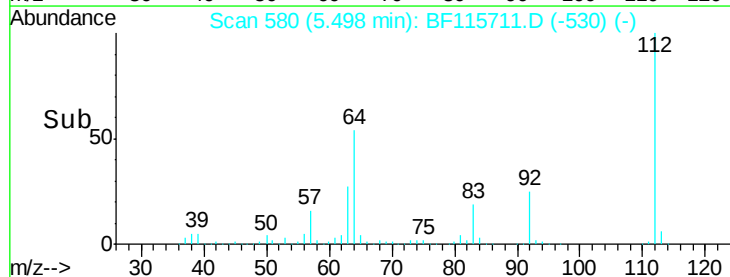
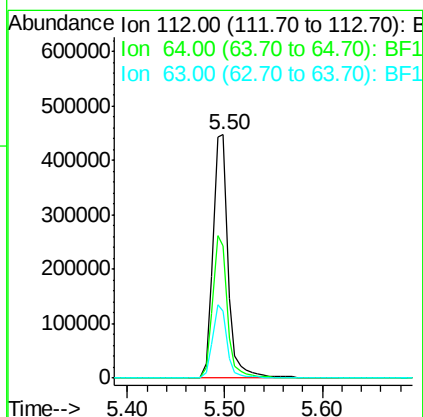
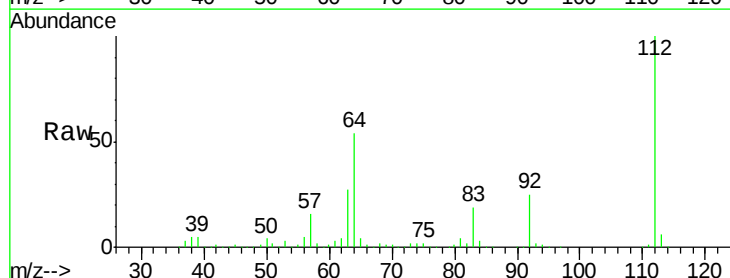
Tot Ion:152 Resp: 176134
Ion Ratio Lower Upper
152 100
150 157.1 129.7 194.5
115 58.9 48.2 72.4

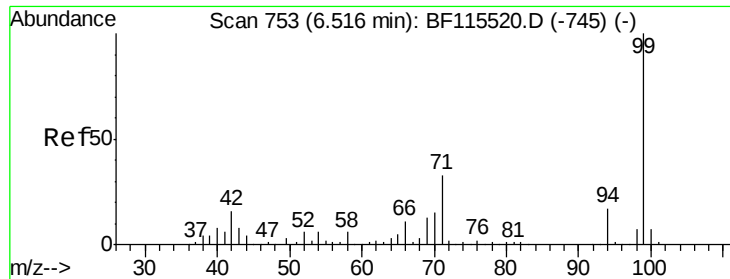


#5

2-Fluorophenol
Concen: 45.092 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115711.D
Acq: 22 Jul 2019 16:06

Tgt Ion:112 Resp: 485550
Ion Ratio Lower Upper
112 100
64 54.4 46.8 70.2
63 27.5 24.1 36.1





#7

Phenol-d6

Concen: 47.066 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115711.D

Acq: 22 Jul 2019 16:06

Instrument :

BNA_F

ClientSampleId :

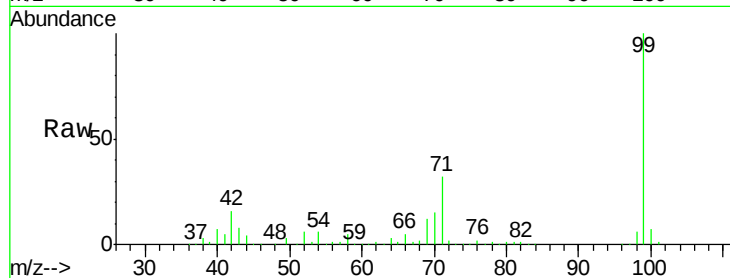
Tot Ion: 99 Resp: 643083

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

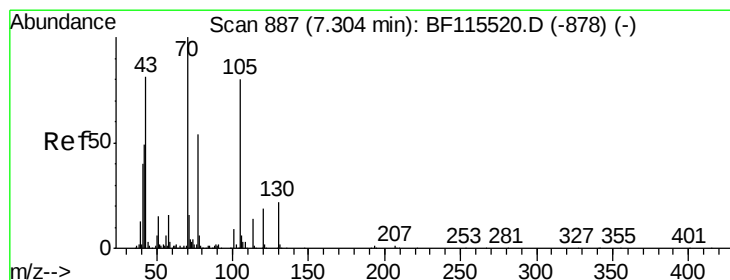
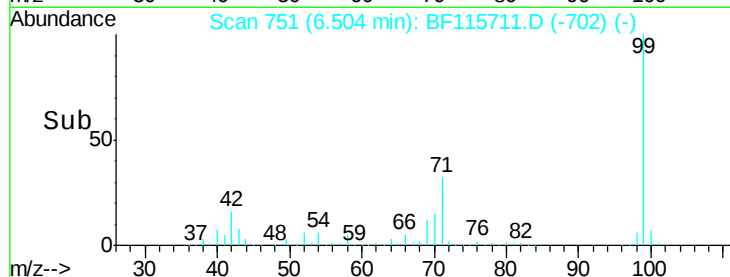
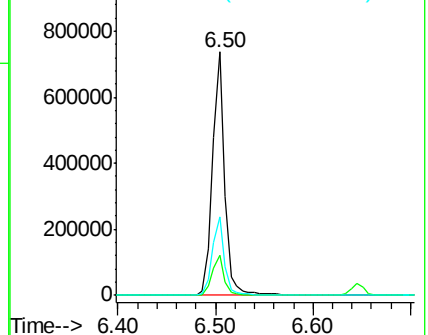
71 32.2 28.5 42.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.800 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF115711.D

Acq: 22 Jul 2019 16:06

Tgt Ion: 70 Resp: 51680

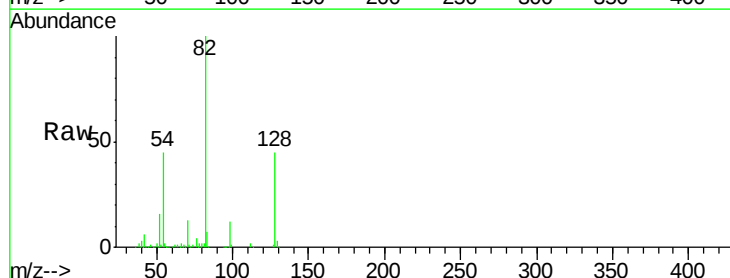
Ion Ratio Lower Upper

70 100

42 43.1 39.6 59.4

101 0.0 8.1 12.1#

130 2.3 18.2 27.2#

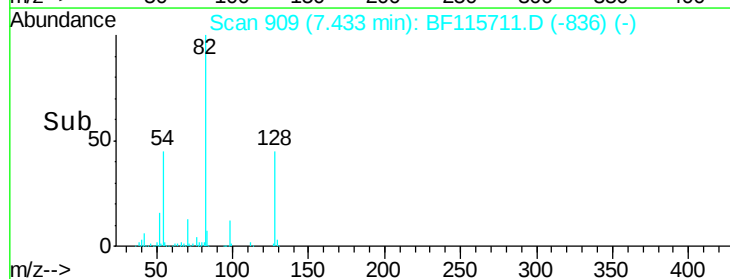
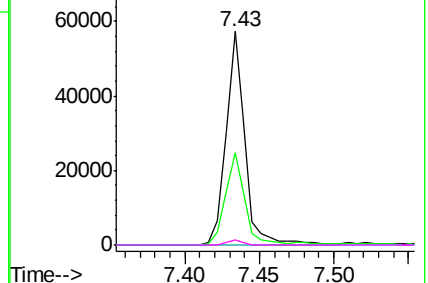


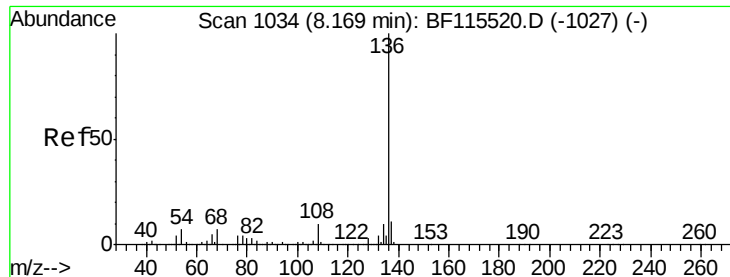
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115711.D

Acq: 22 Jul 2019 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 669575

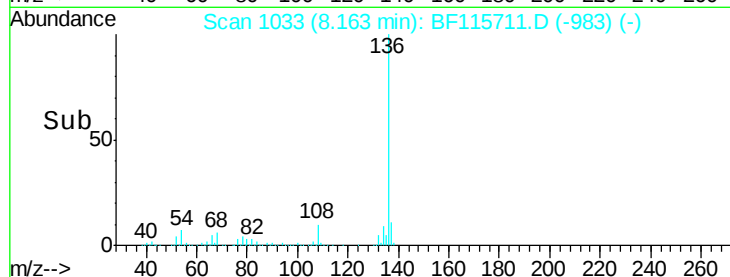
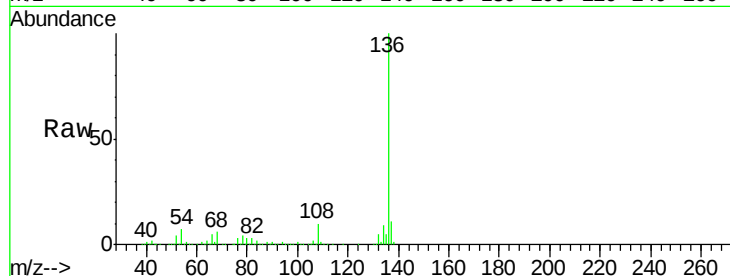
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.6 5.6 8.4

68 6.0 5.0 7.6

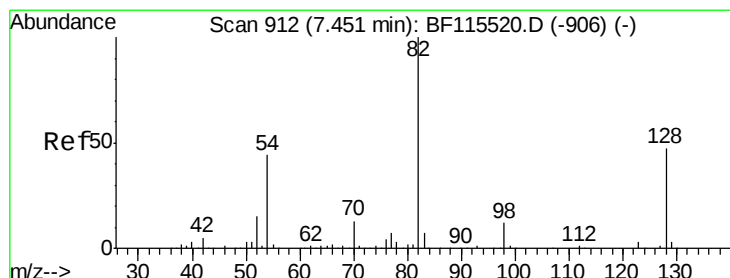
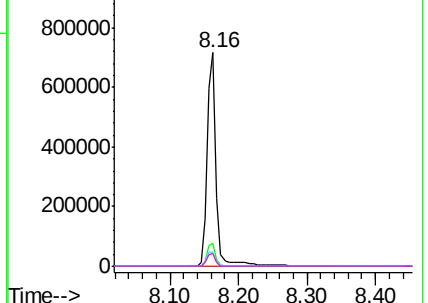


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 33.307 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF115711.D

Acq: 22 Jul 2019 16:06

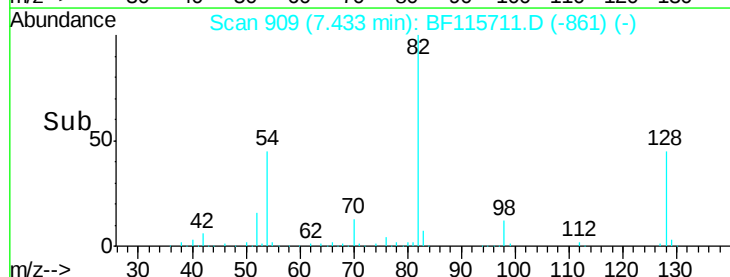
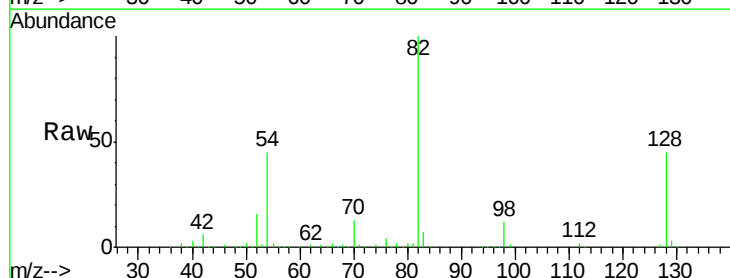
Tgt Ion: 82 Resp: 383538

Ion Ratio Lower Upper

82 100

128 44.8 38.6 57.8

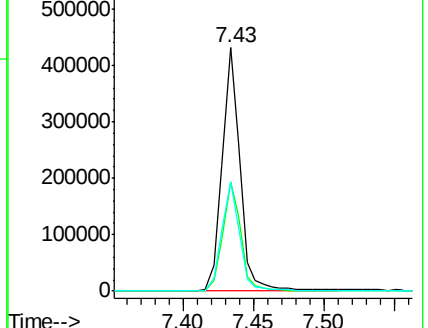
54 45.0 35.6 53.4

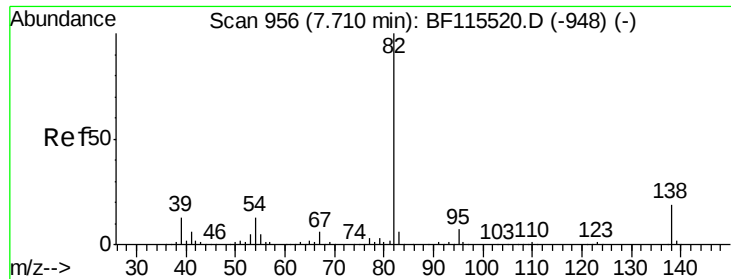


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 16.124 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF115711.D

Acq: 22 Jul 2019 16:06

Instrument :

BNA_F

ClientSampled :

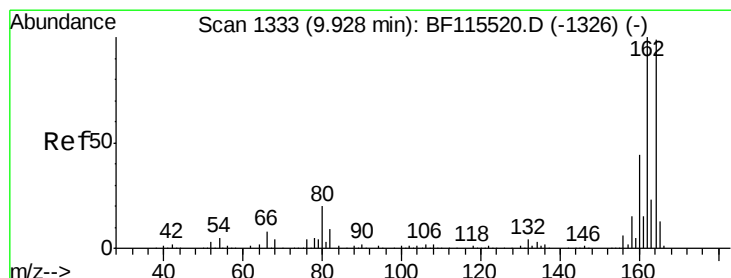
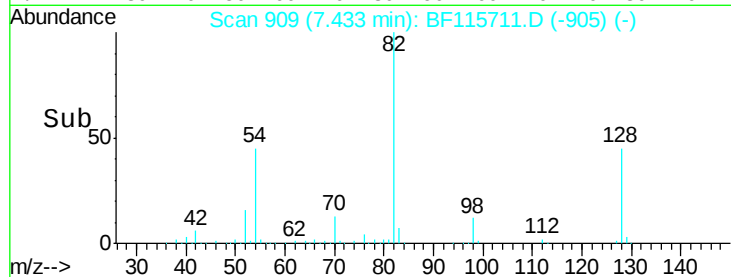
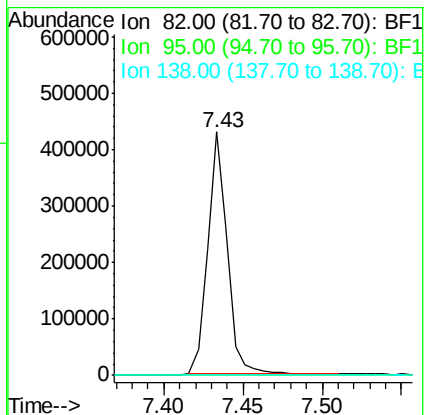
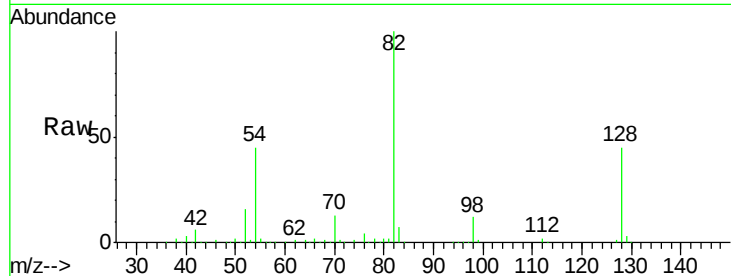
Tot Ion: 82 Resp: 371524

Ion Ratio Lower Upper

82 100

95 0.1 5.5 8.3#

138 0.0 14.9 22.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF115711.D

Acq: 22 Jul 2019 16:06

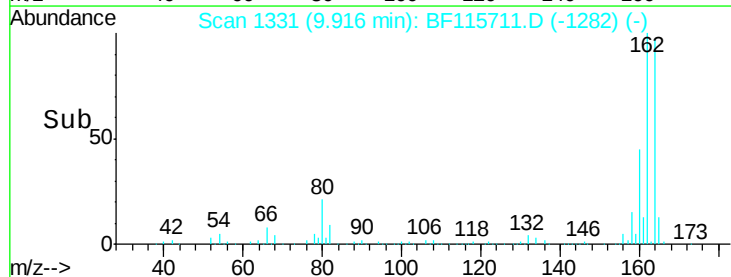
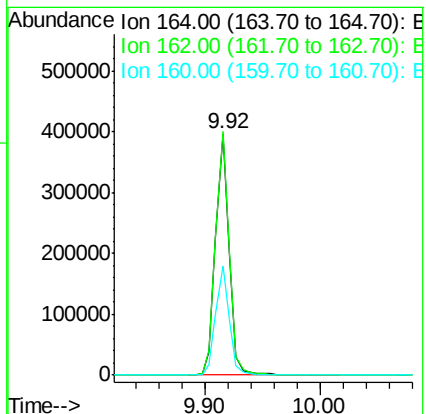
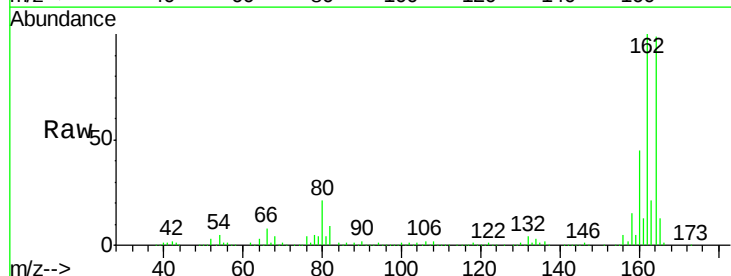
Tgt Ion: 164 Resp: 324110

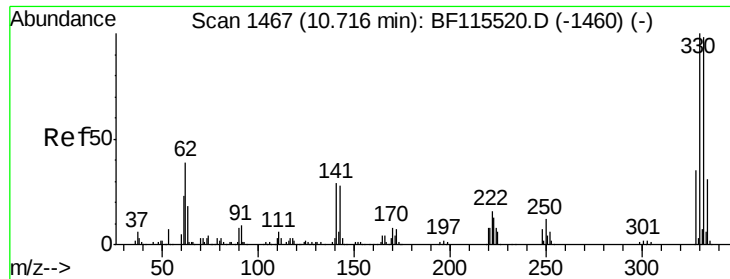
Ion Ratio Lower Upper

164 100

162 100.9 82.9 124.3

160 45.2 36.8 55.2

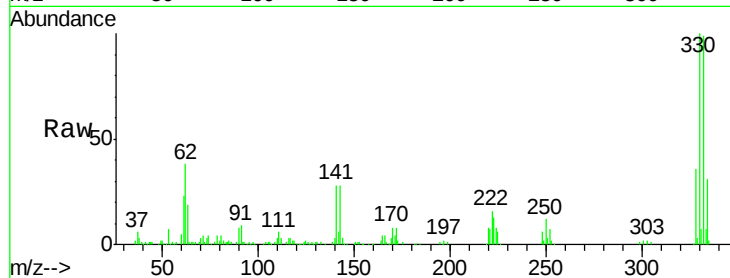




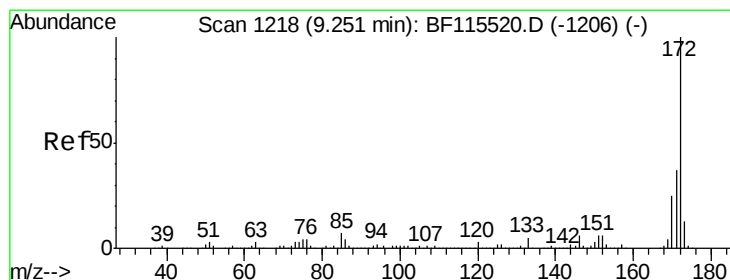
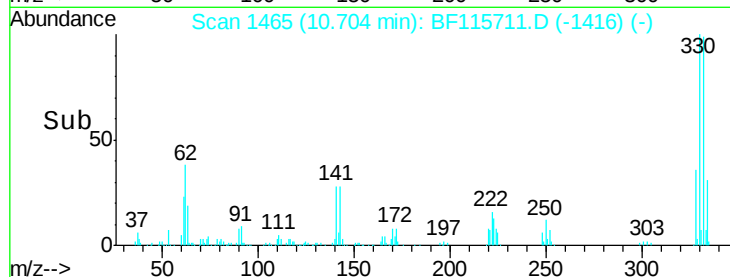
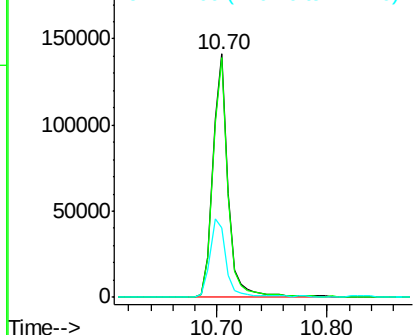
#42
 2,4,6-Tribromophenol
 Concen: 35.064 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115711.D
 Acq: 22 Jul 2019 16:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.4	116.2
141	35.7	22.4	33.6

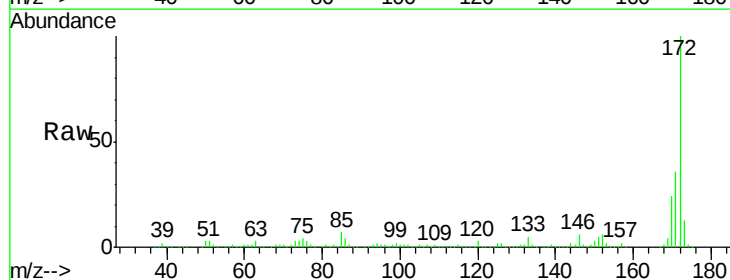


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

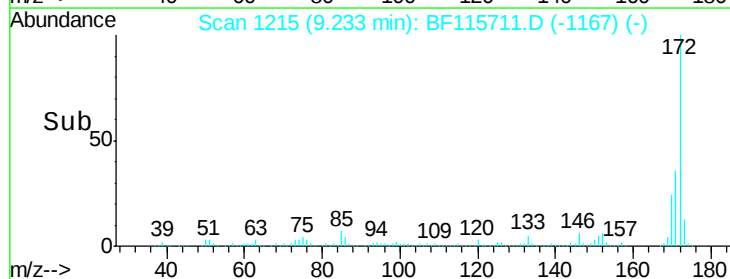
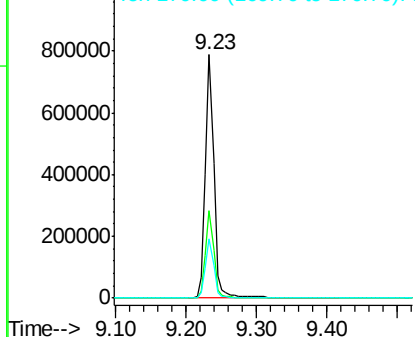


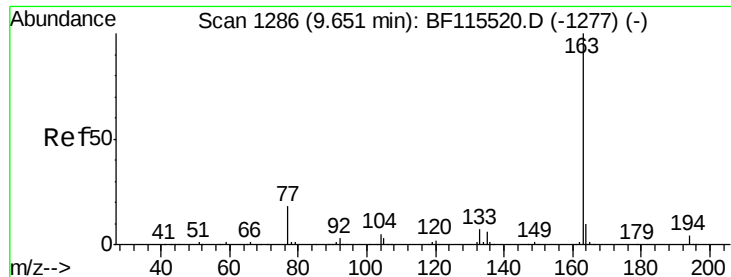
#45
 2-Fluorobiphenyl
 Concen: 36.004 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF115711.D
 Acq: 22 Jul 2019 16:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.6	46.0
170	24.2	20.5	30.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

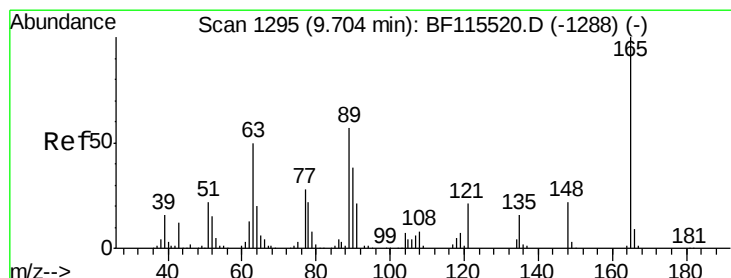
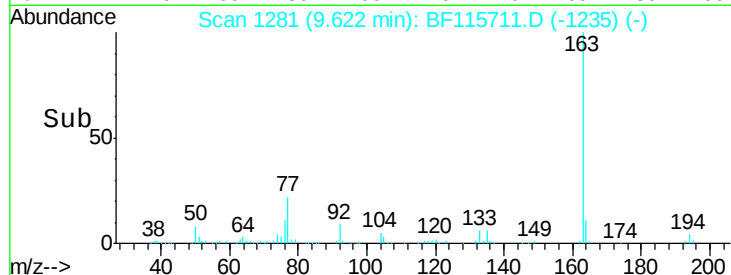
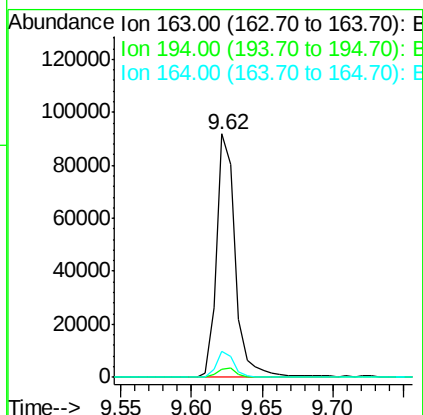
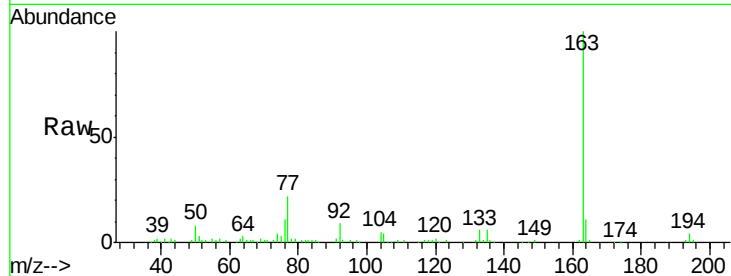




#50
Dimethylphthalate
Concen: 3.510 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF115711.D
Acq: 22 Jul 2019 16:06

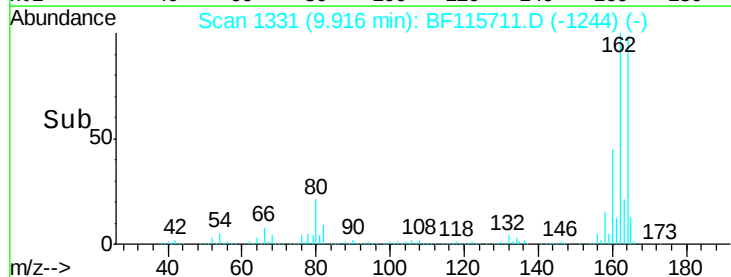
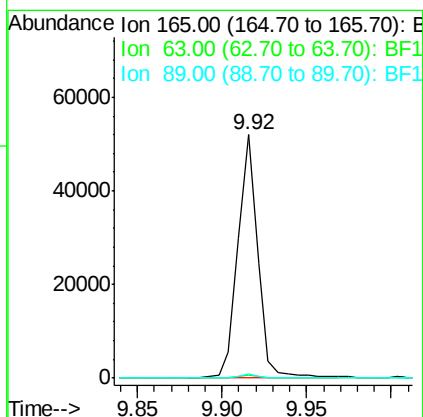
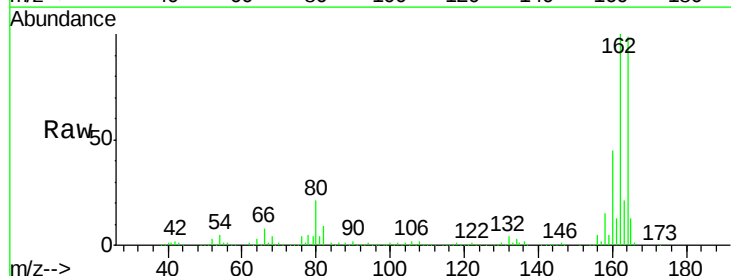
Instrument :
BNA_F
ClientSampleId :

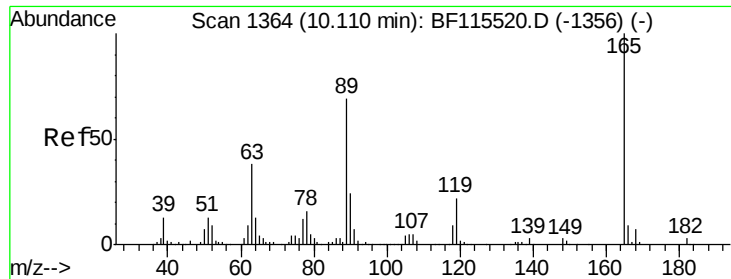
Tot Ion:163 Resp: 85586
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.6 8.7 13.1



#51
2,6-Dinitrotoluene
Concen: 7.714 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF115711.D
Acq: 22 Jul 2019 16:06

Tgt Ion:165 Resp: 42749
Ion Ratio Lower Upper
165 100
63 1.1 40.6 61.0#
89 1.5 43.9 65.9#

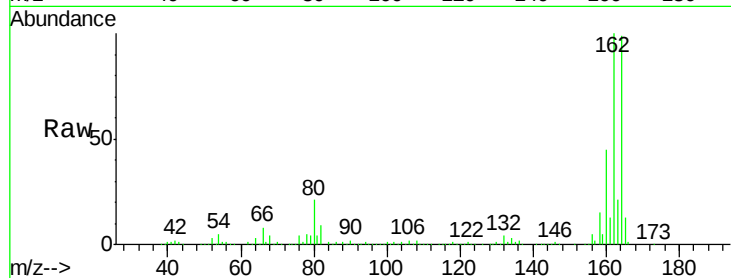




#57
 2,4-Dinitrotoluene
 Concen: 5.971 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF115711.D
 Acq: 22 Jul 2019 16:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.9	52.3#
89	1.5	57.5	86.3#
182	0.0	2.2	3.4#

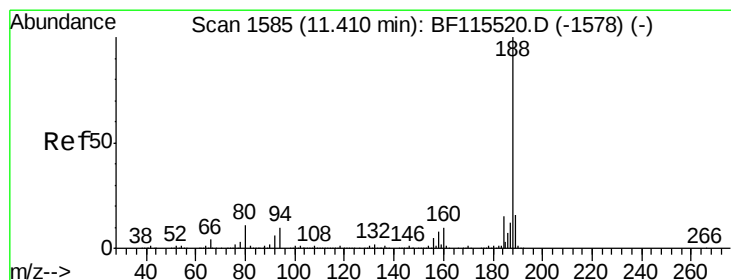
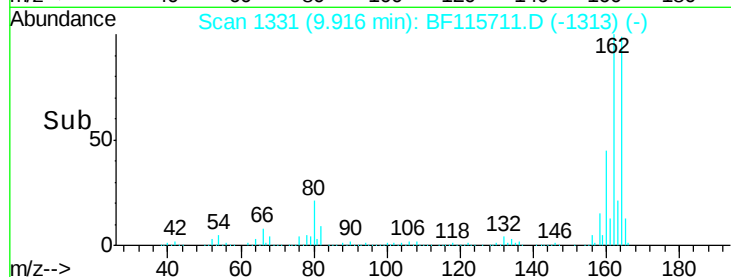
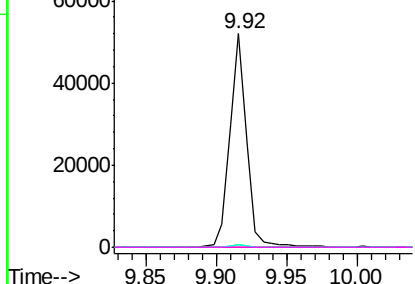


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

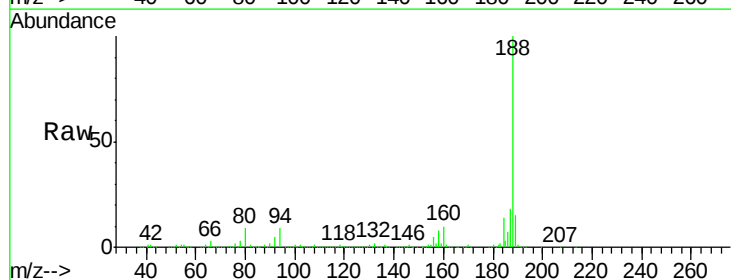
Ion 89.00 (88.70 to 89.70): BF1

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: BF115711.D
 Acq: 22 Jul 2019 16:06

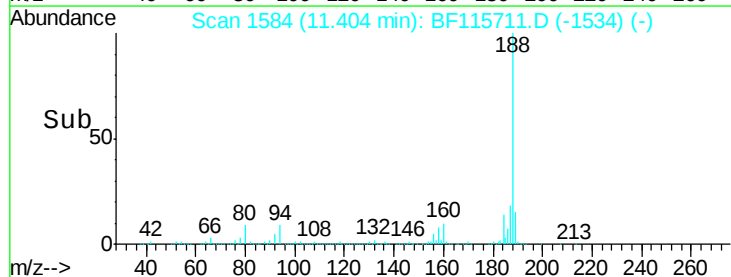
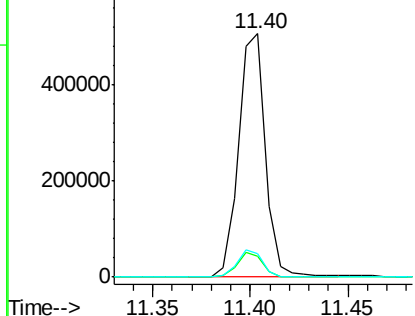
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.8	11.6
80	9.4	8.6	13.0

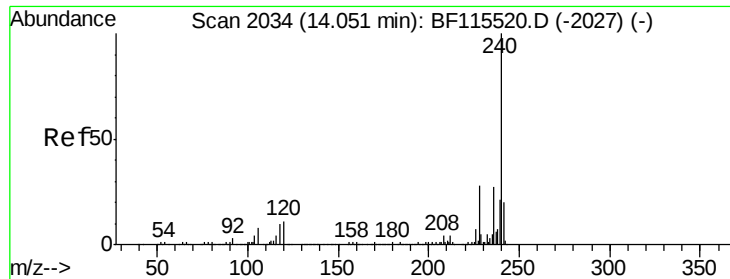


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

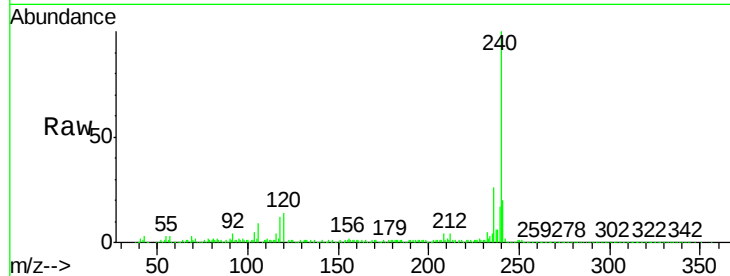




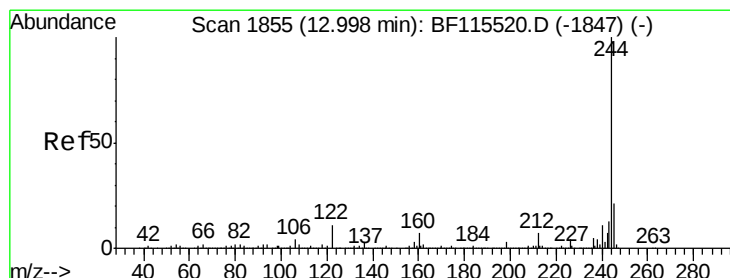
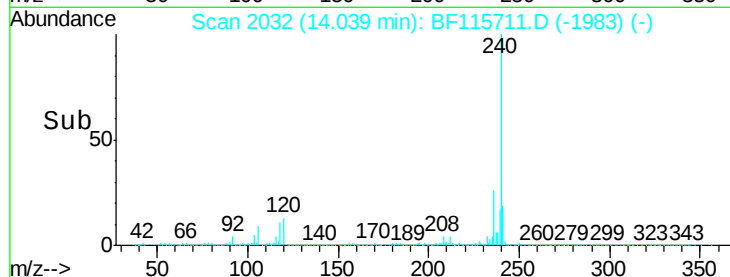
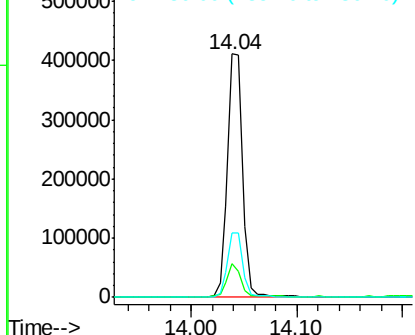
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115711.D
 Acq: 22 Jul 2019 16:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 406398
 Ion Ratio Lower Upper
 240 100
 120 13.6 8.6 13.0#
 236 26.2 21.3 31.9

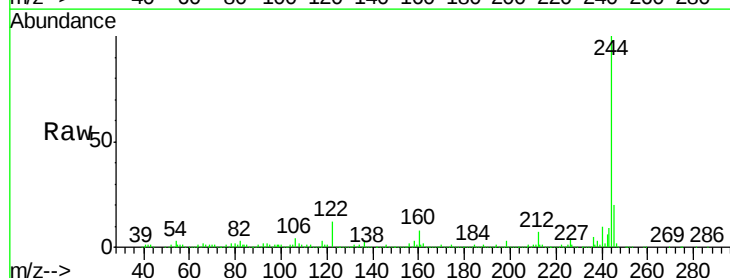


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

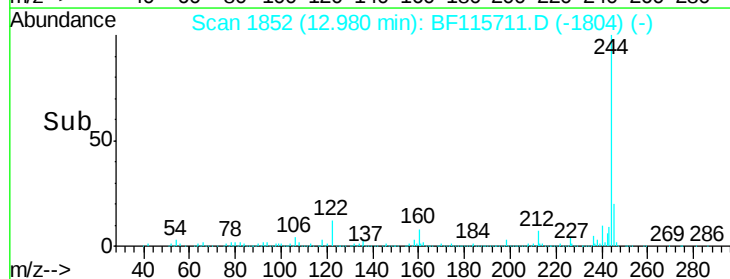
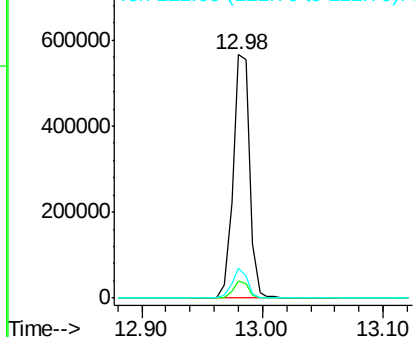


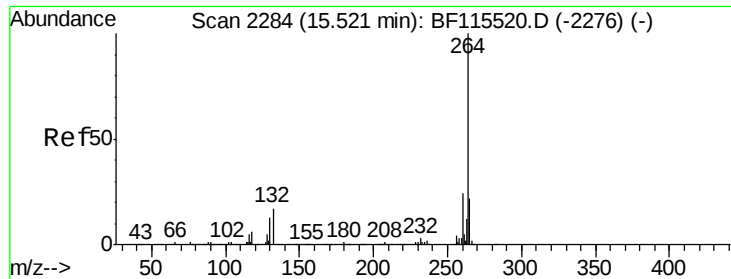
#79
 Terphenyl-d14
 Concen: 24.519 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115711.D
 Acq: 22 Jul 2019 16:06

Tgt Ion:244 Resp: 540030
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 12.2 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

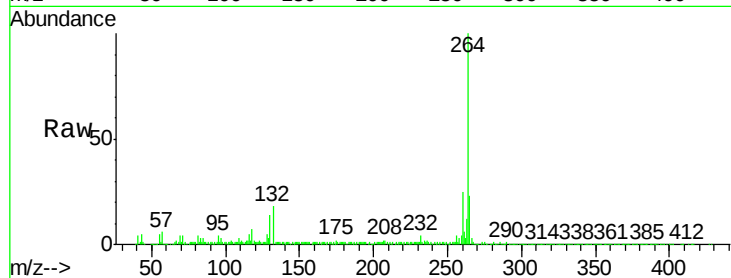




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: BF115711.D
 Acq: 22 Jul 2019 16:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	23.1	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

