

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
 Data File : BF115707.D
 Acq On : 22 Jul 2019 14:13
 Operator : HP/JU
 Sample : PB121584BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 01:15:50 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

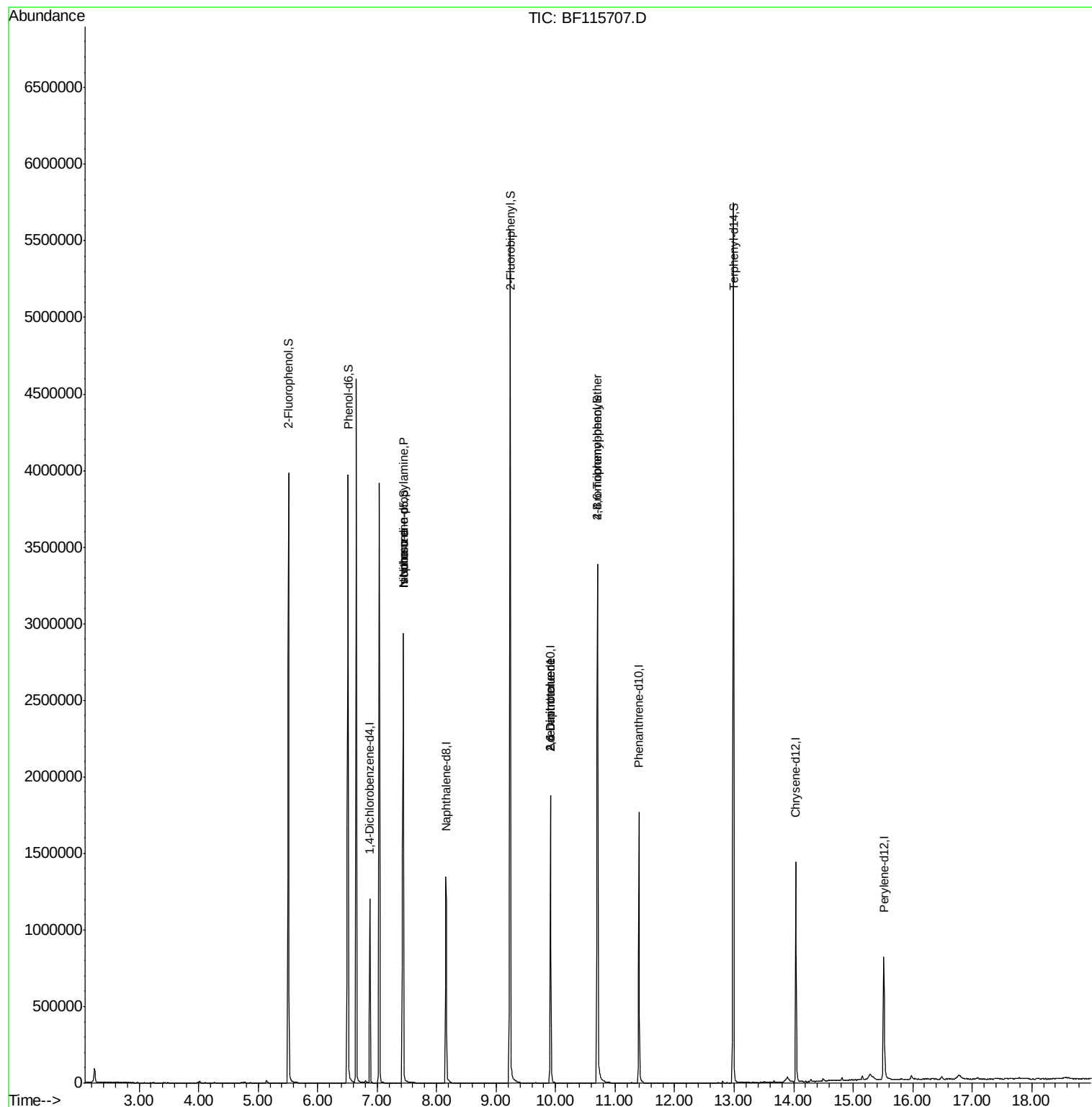
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	186440	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	711325	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	387351	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	698987	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	489551	20.00	ng	-0.01
87) Perylene-d12	15.52	264	444467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1376006	120.72	ng	0.01
7) Phenol-d6	6.52	99	1809144	125.09	ng	0.00
23) Nitrobenzene-d5	7.44	82	1166397	95.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	531358	117.52	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	2056451	92.92	ng	-0.01
79) Terphenyl-d14	12.99	244	2341663	88.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	155863	16.524	ng	# 79
25) Isophorone	7.44	82	1144324	46.747	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	50521	7.628	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	50521	5.888	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	31826	3.984	ng	# 1

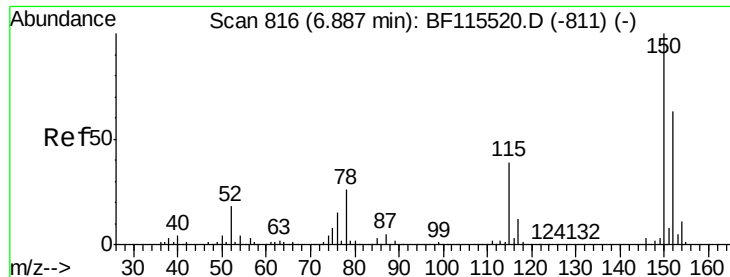
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 23 01:15:50 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



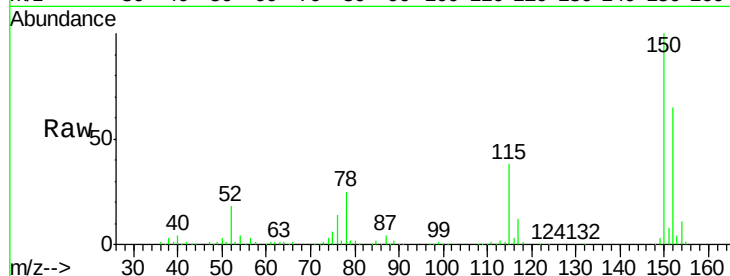


#1

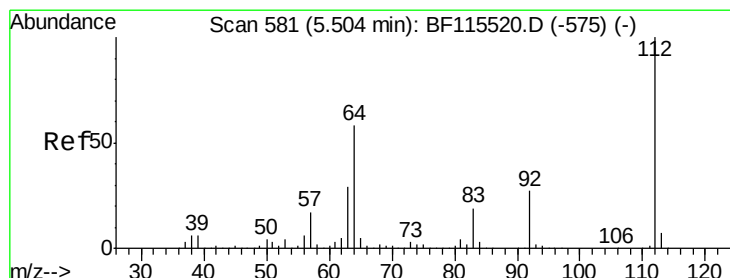
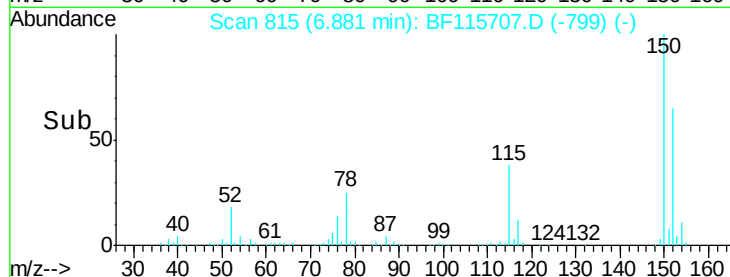
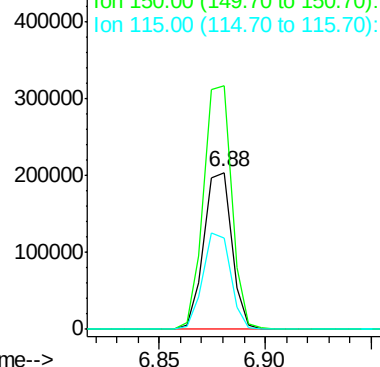
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115707.D
Acq: 22 Jul 2019 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 186440
Ion Ratio Lower Upper
152 100
150 155.0 129.7 194.5
115 58.4 48.2 72.4



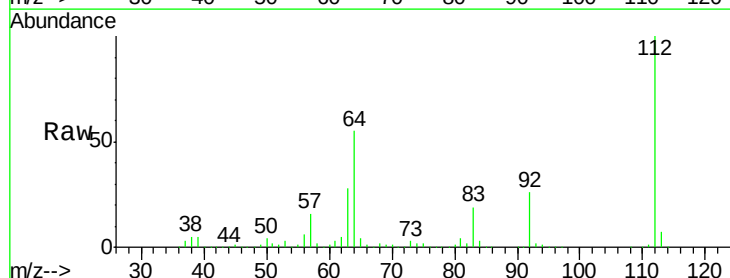
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



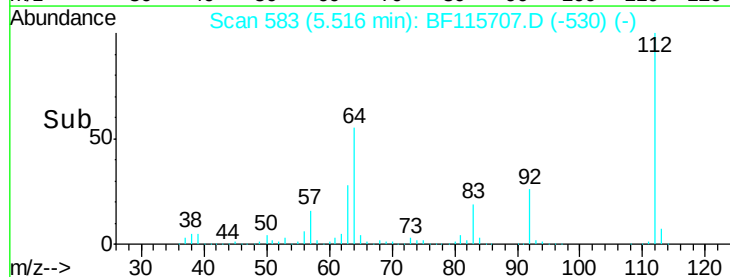
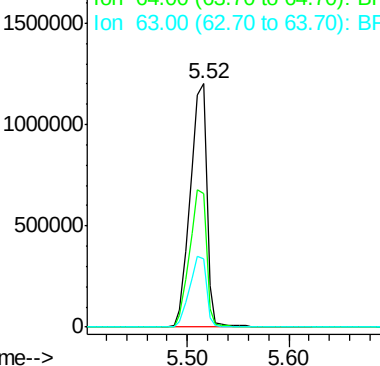
#5

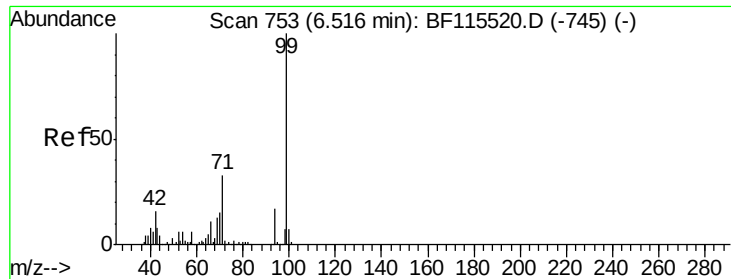
2-Fluorophenol
Concen: 120.722 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115707.D
Acq: 22 Jul 2019 14:13

Tgt Ion:112 Resp: 1376006
Ion Ratio Lower Upper
112 100
64 54.7 46.8 70.2
63 28.3 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: 125.089 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115707.D

Acq: 22 Jul 2019 14:13

Instrument :

BNA_F

ClientSampleId :

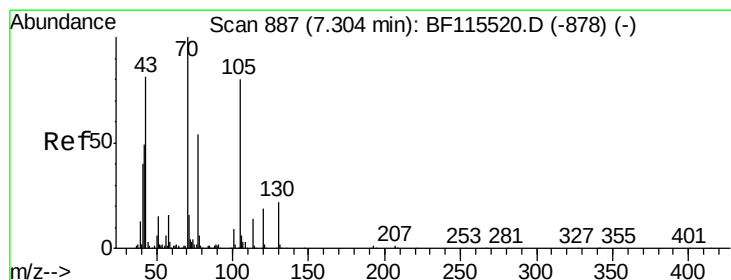
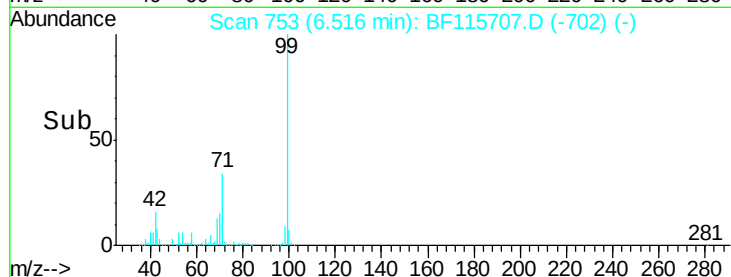
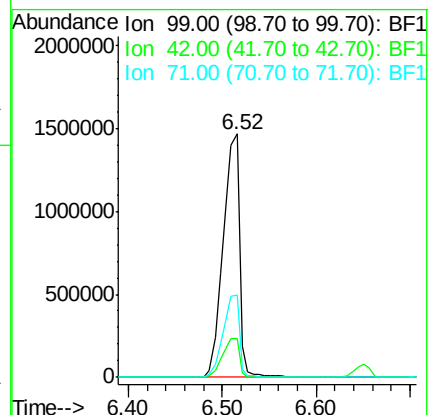
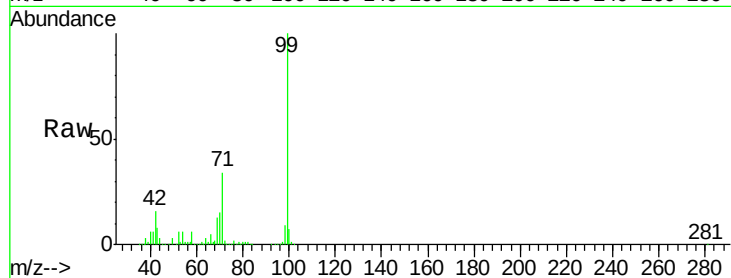
Tot Ion: 99 Resp: 1809144

Ion Ratio Lower Upper

99 100

42 15.8 13.6 20.4

71 33.9 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.524 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115707.D

Acq: 22 Jul 2019 14:13

Tgt Ion: 70 Resp: 155863

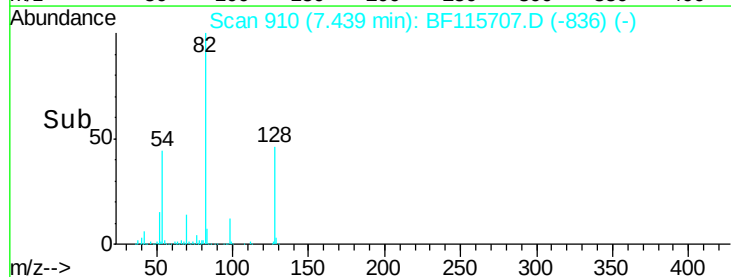
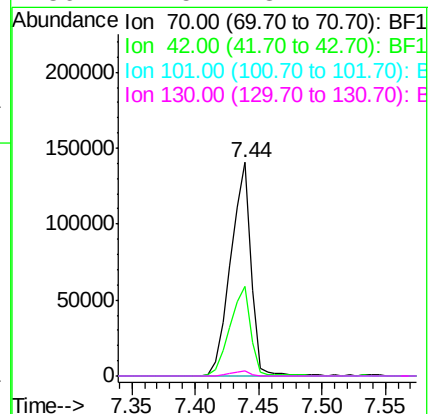
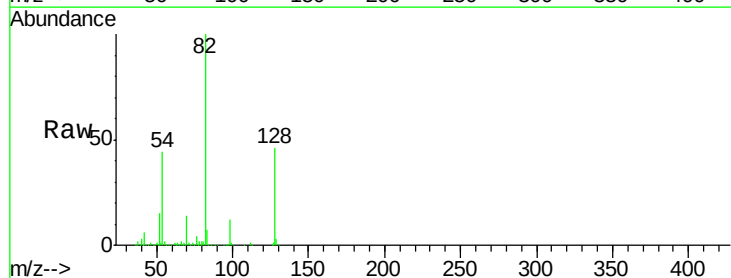
Ion Ratio Lower Upper

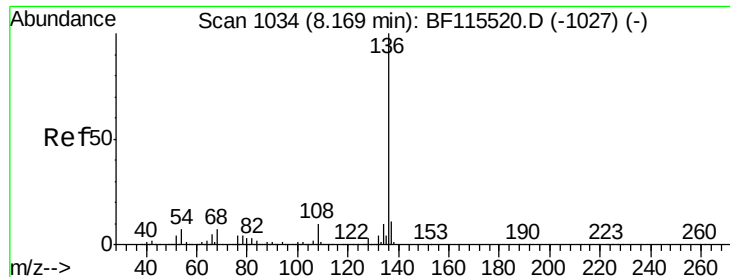
70 100

42 42.0 39.6 59.4

101 0.0 8.1 12.1#

130 2.5 18.2 27.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF115707.D

Acq: 22 Jul 2019 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 711325

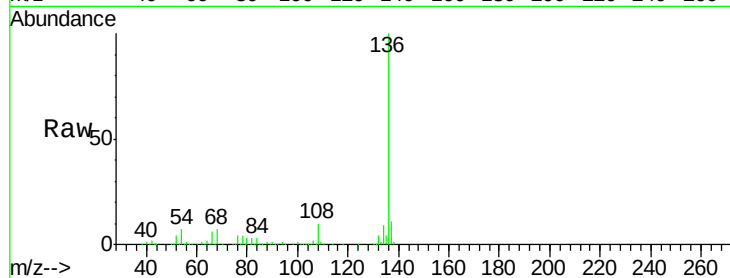
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.5 5.6 8.4

68 6.7 5.0 7.6

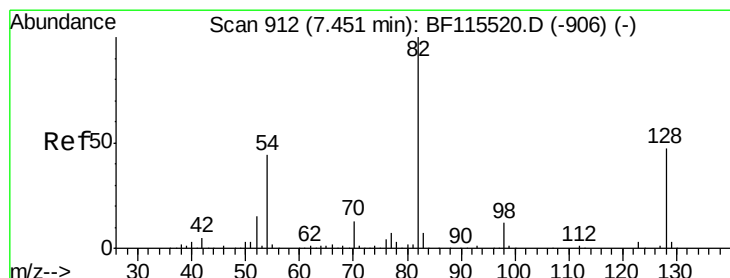
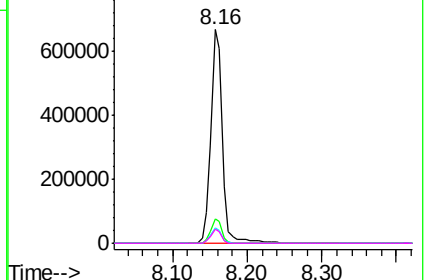
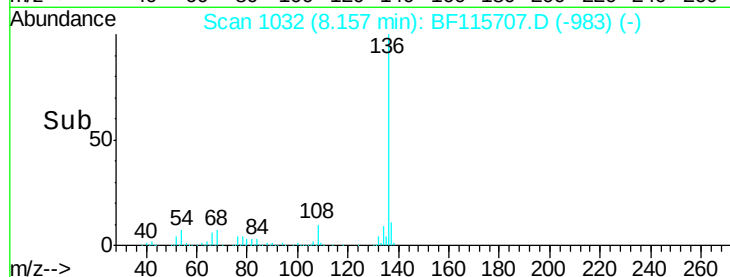


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.346 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF115707.D

Acq: 22 Jul 2019 14:13

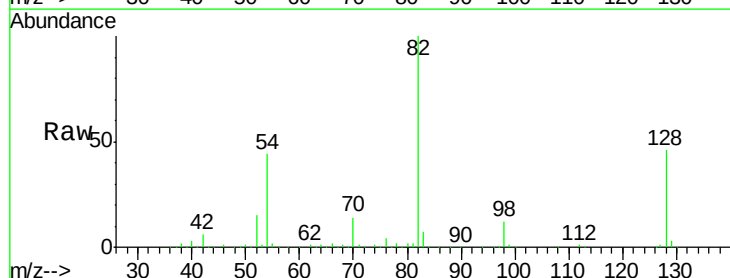
Tgt Ion: 82 Resp: 1166397

Ion Ratio Lower Upper

82 100

128 46.4 38.6 57.8

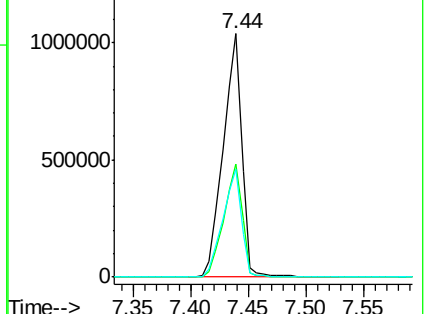
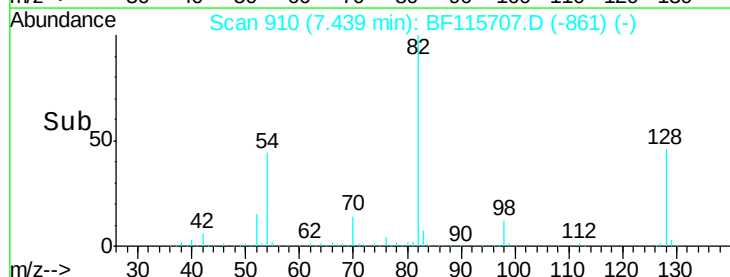
54 44.5 35.6 53.4

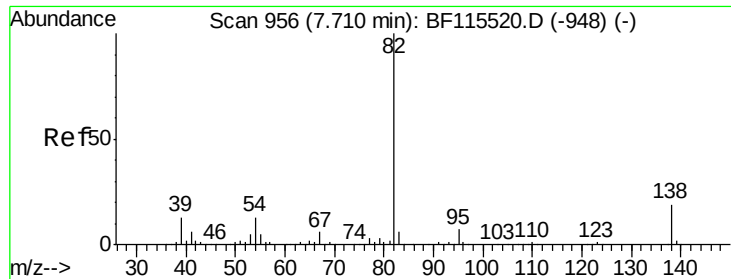


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.747 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115707.D

Acq: 22 Jul 2019 14:13

Instrument :

BNA_F

ClientSampled :

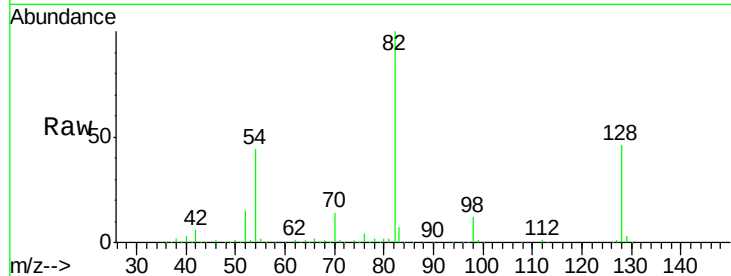
Tot Ion: 82 Resp: 1144324

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

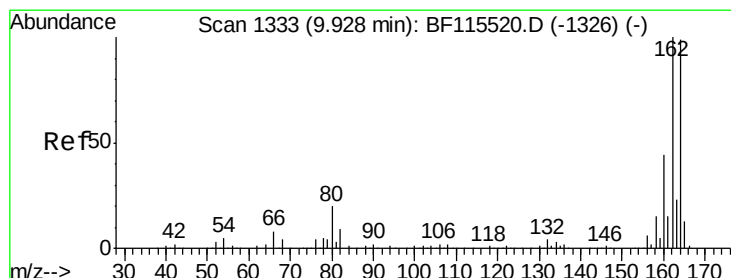
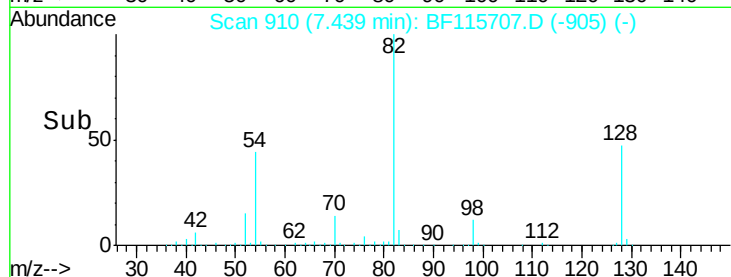
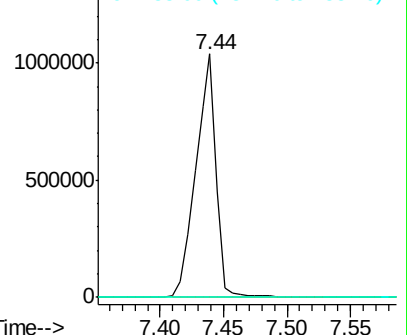
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): 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# 1331

Delta R.T. -0.01 min

Lab File: BF115707.D

Acq: 22 Jul 2019 14:13

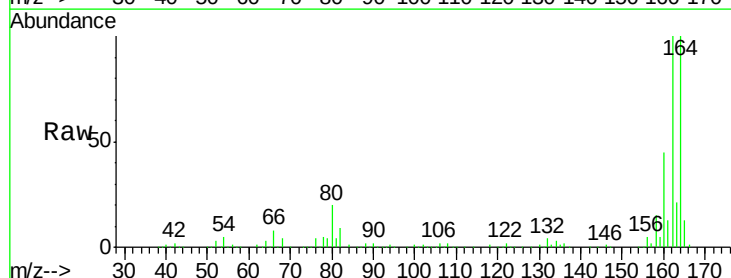
Tgt Ion:164 Resp: 387351

Ion Ratio Lower Upper

164 100

162 100.4 82.9 124.3

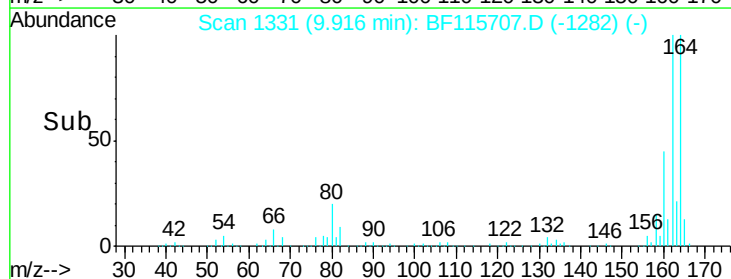
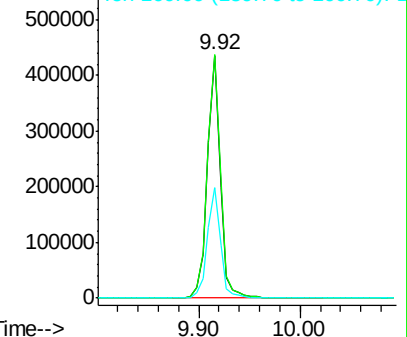
160 45.5 36.8 55.2

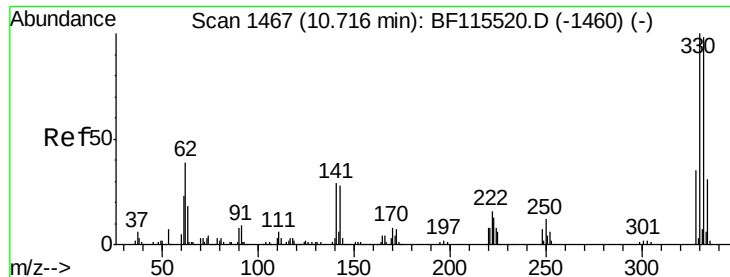


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

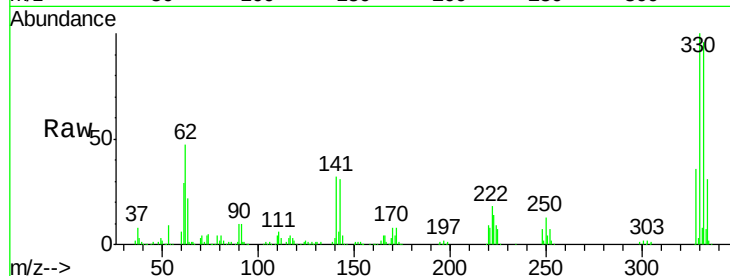




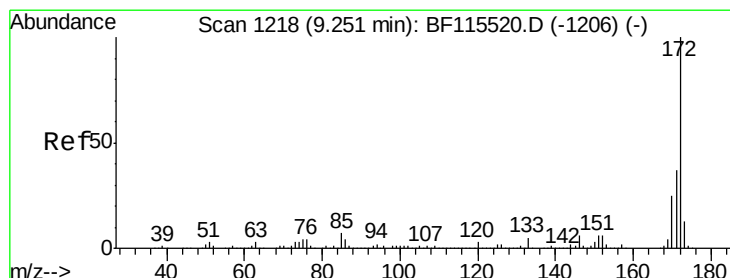
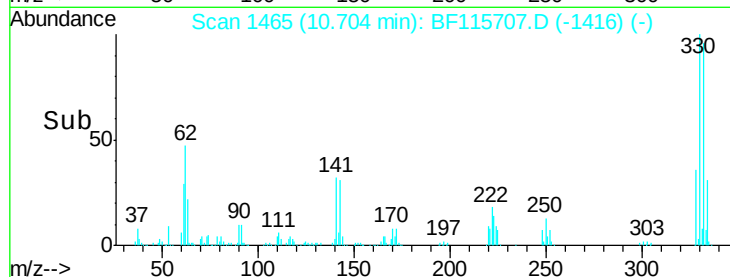
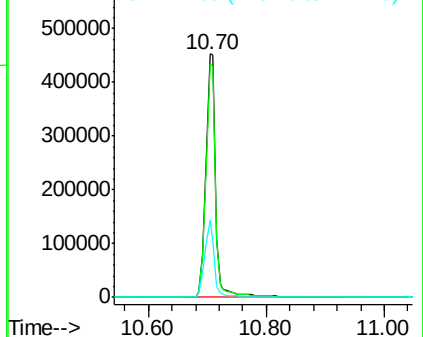
#42
 2,4,6-Tribromophenol
 Concen: 117.523 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115707.D
 Acq: 22 Jul 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 531358
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.4 116.2
 141 31.0 22.4 33.6

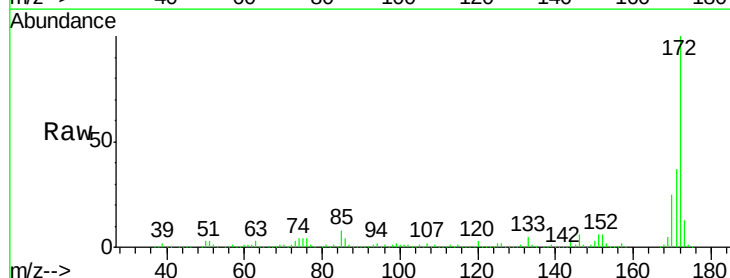


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

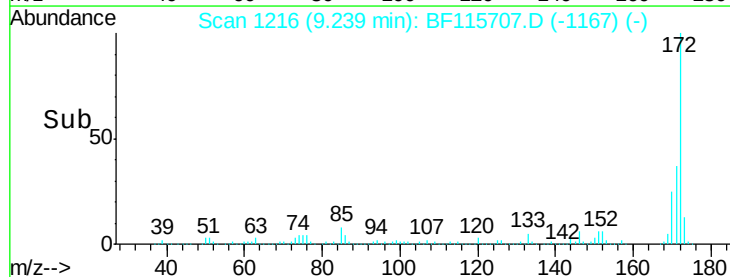
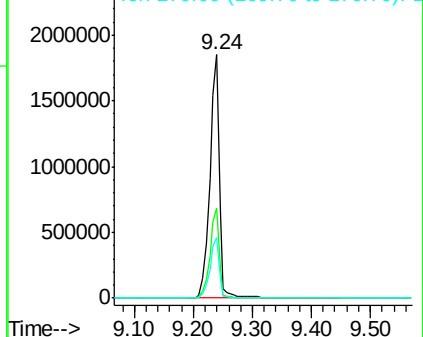


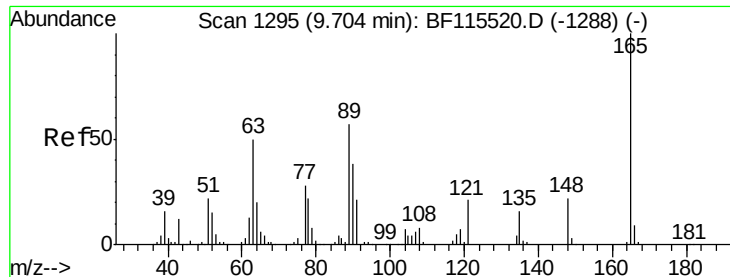
#45
 2-Fluorobiphenyl
 Concen: 92.923 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115707.D
 Acq: 22 Jul 2019 14:13

Tgt Ion:172 Resp: 2056451
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.6 46.0
 170 24.9 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

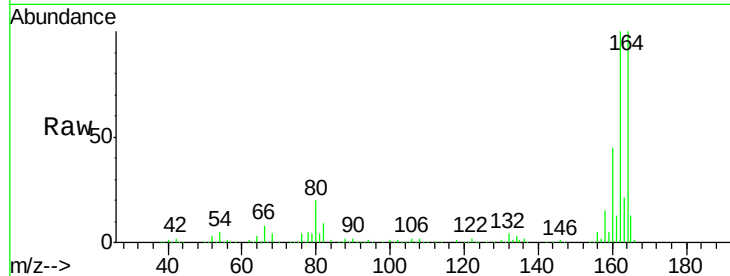




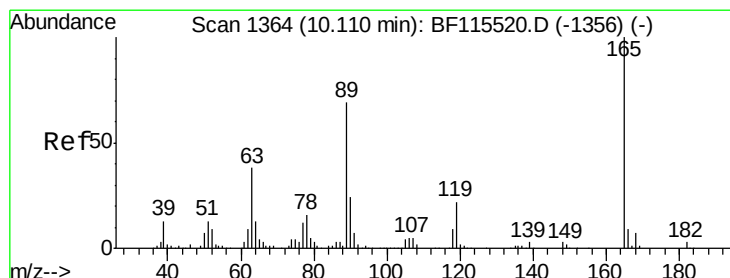
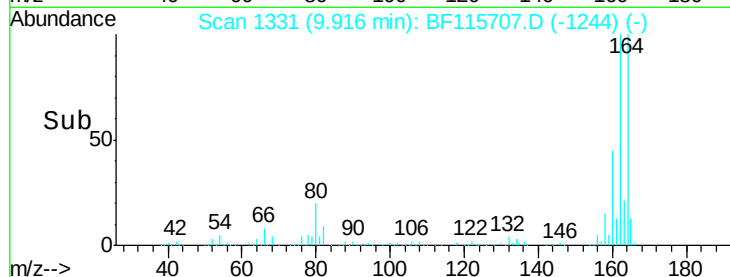
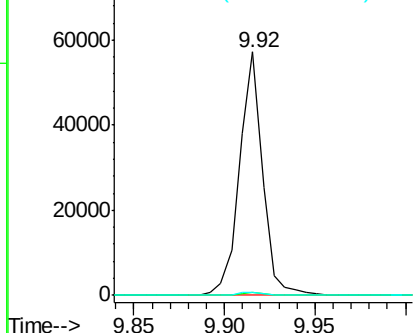
#51
2,6-Dinitrotoluene
Concen: 7.628 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF115707.D
Acq: 22 Jul 2019 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.6	61.0#
89	1.4	43.9	65.9#

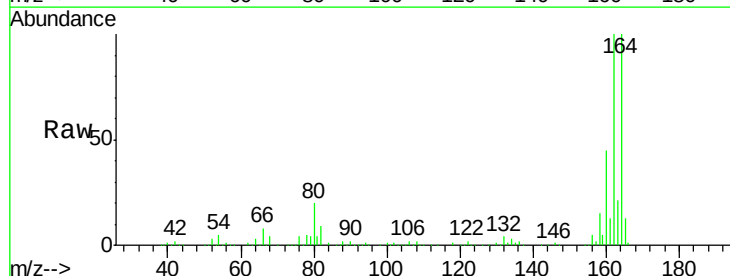


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

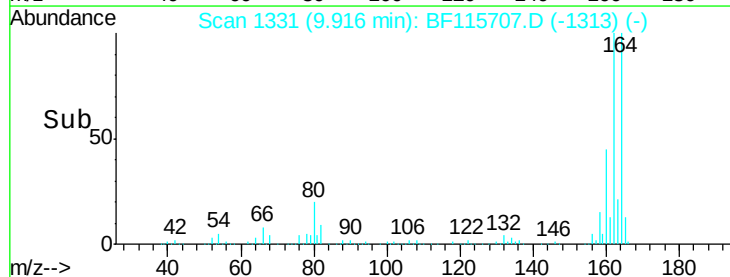
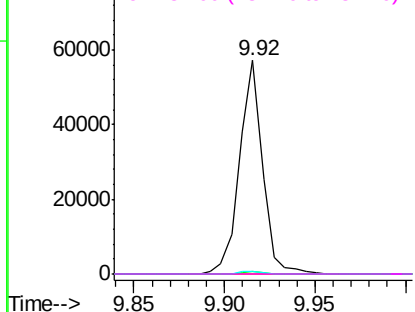


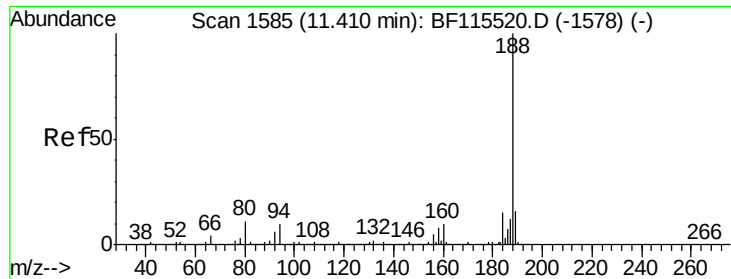
#57
2,4-Dinitrotoluene
Concen: 5.888 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF115707.D
Acq: 22 Jul 2019 14:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.9	52.3#
89	1.4	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# 1583

Delta R.T. -0.01 min

Lab File: BF115707.D

Acq: 22 Jul 2019 14:13

Instrument :

BNA_F

ClientSampleId :

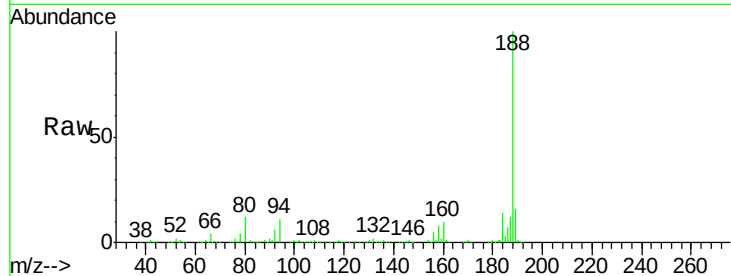
Tot Ion:188 Resp: 698987

Ion Ratio Lower Upper

188 100

94 10.7 7.8 11.6

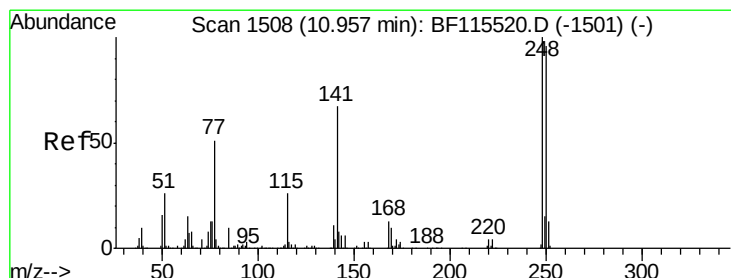
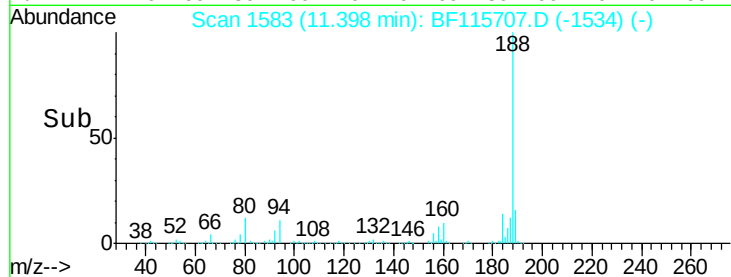
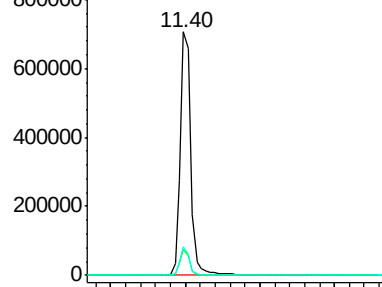
80 11.7 8.6 13.0



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



#67

4-Bromophenyl-phenylether

Concen: 3.984 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF115707.D

Acq: 22 Jul 2019 14:13

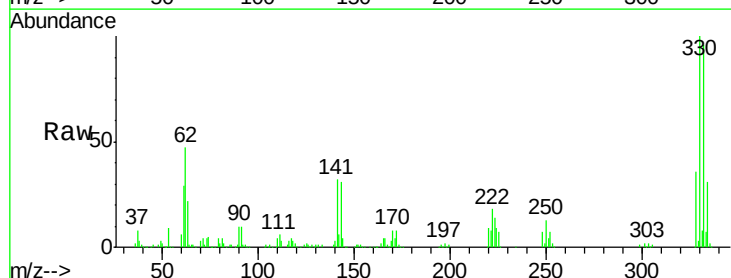
Tgt Ion:248 Resp: 31826

Ion Ratio Lower Upper

248 100

250 201.2 78.0 117.0#

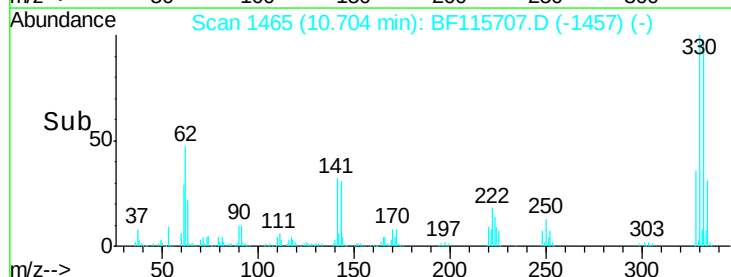
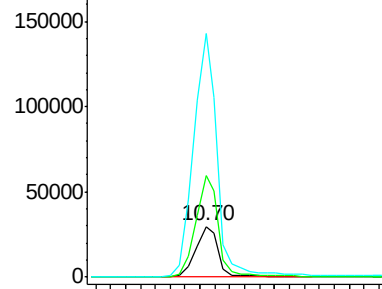
141 479.9 57.7 86.5#

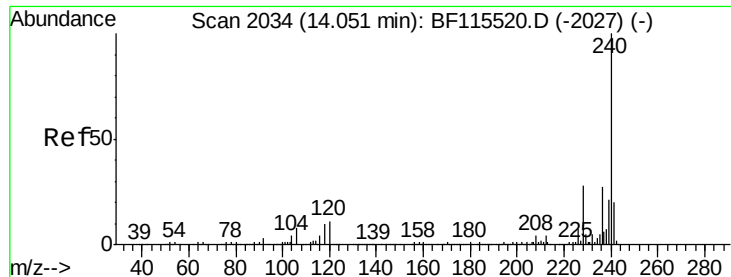


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF115707.D

Acq: 22 Jul 2019 14:13

Instrument :

BNA_F

ClientSampleId :

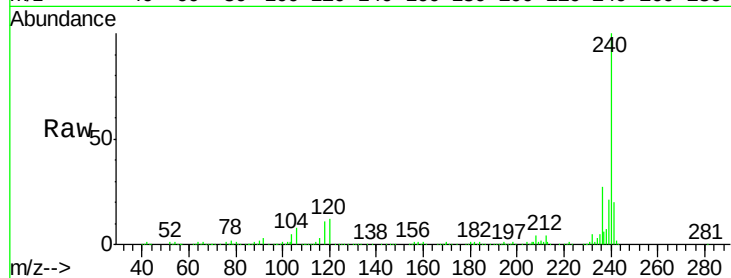
Tot Ion:240 Resp: 489551

Ion Ratio Lower Upper

240 100

120 11.6 8.6 13.0

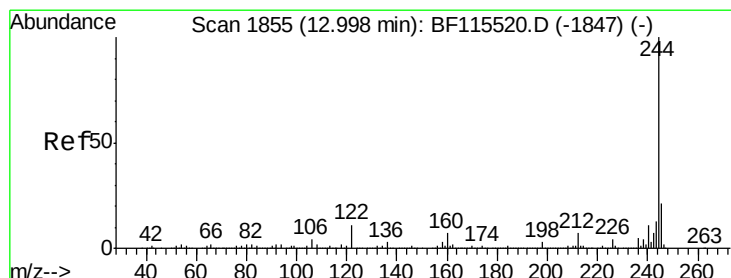
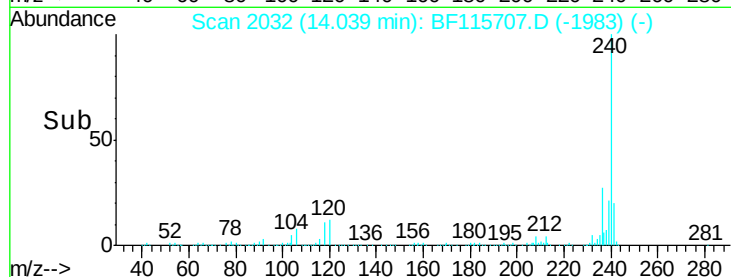
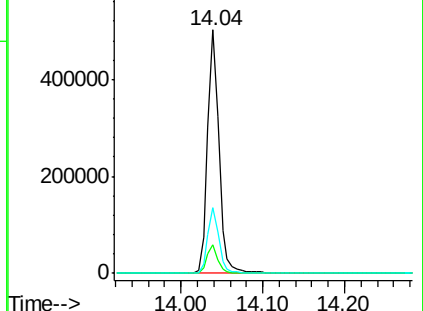
236 27.0 21.3 31.9



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: 88.260 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115707.D

Acq: 22 Jul 2019 14:13

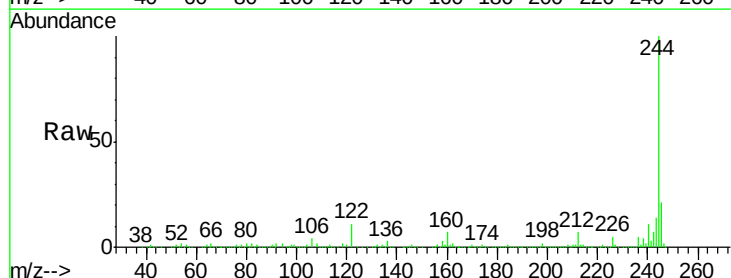
Tgt Ion:244 Resp: 2341663

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

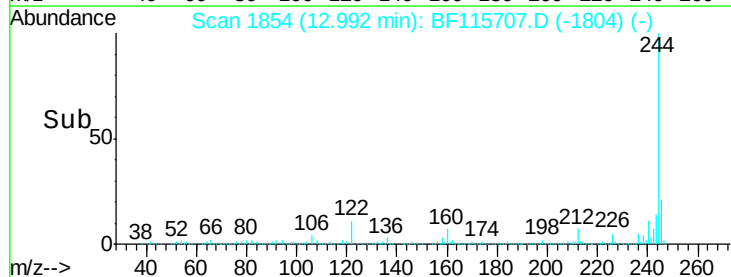
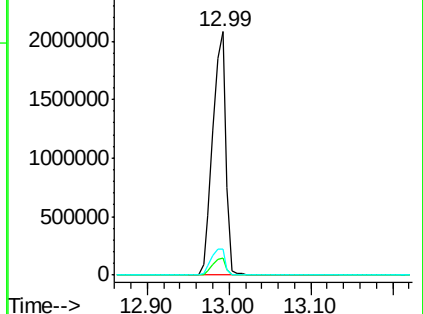
122 10.9 8.6 12.8

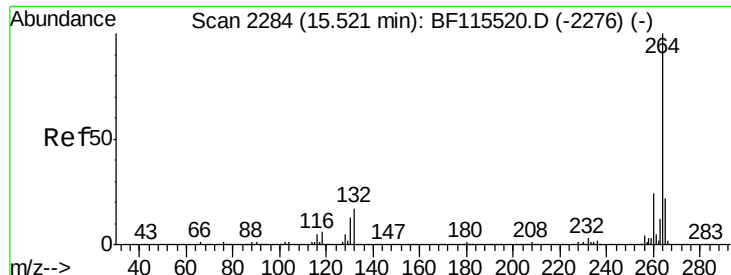


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

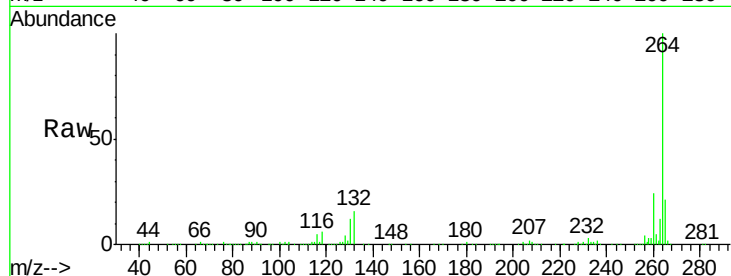




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF115707.D
Acq: 22 Jul 2019 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.8
265	21.4	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

