

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
 Data File : BF115667.D
 Acq On : 19 Jul 2019 10:43
 Operator : HP/JU
 Sample : PB121516BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 19 13:25:51 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

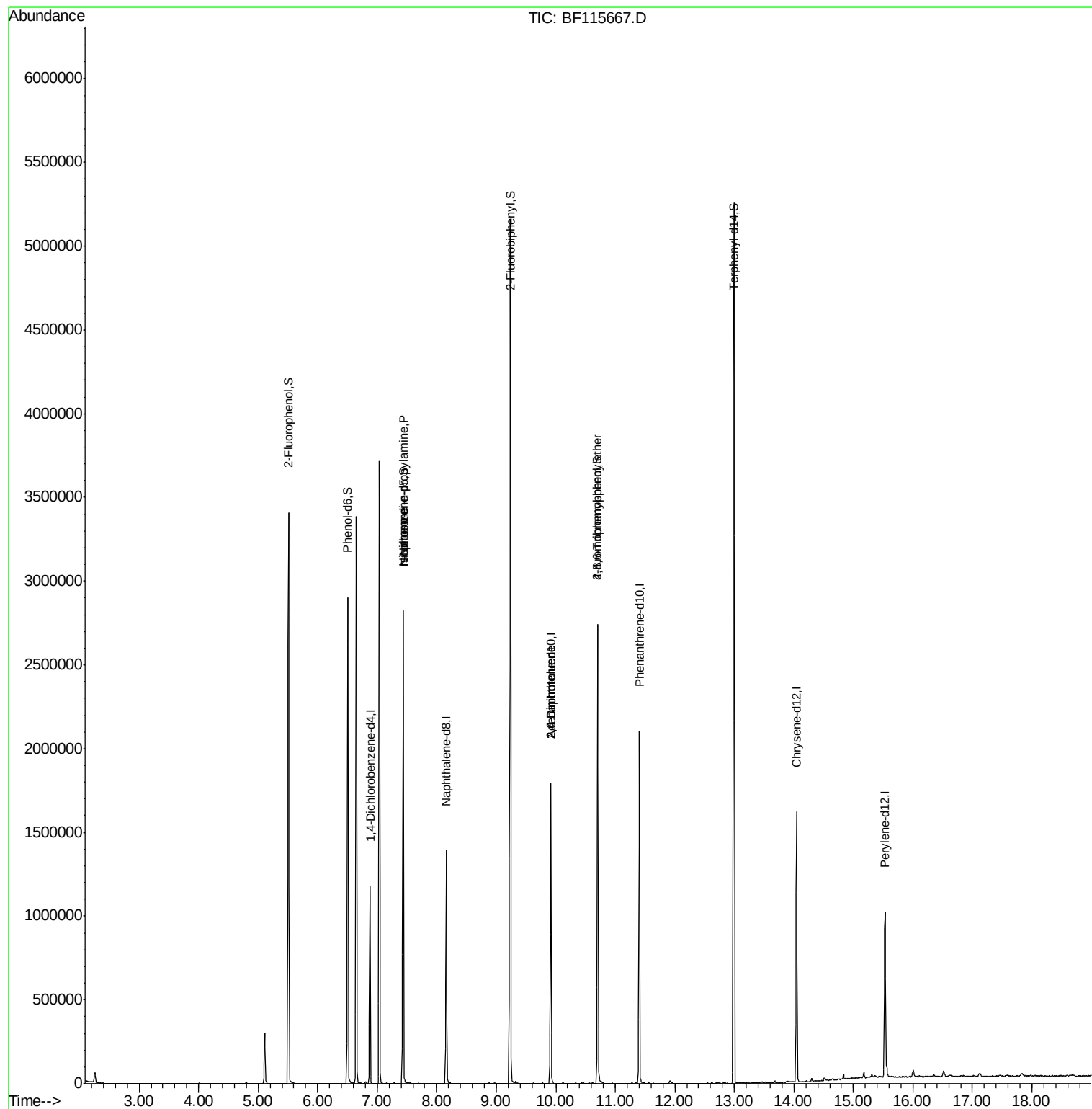
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	182560	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	727195	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	374576	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	723731	20.00	ng	0.00
76) Chrysene-d12	14.04	240	499028	20.00	ng	0.00
87) Perylene-d12	15.53	264	467763	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	952073	85.30	ng	0.00
7) Phenol-d6	6.50	99	1206673	85.21	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1111532	88.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	369262	84.46	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	1955538	91.38	ng	-0.01
79) Terphenyl-d14	12.99	244	2037144	75.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	147230	15.941	ng	# 79
25) Isophorone	7.44	82	1072454	42.855	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	47751	7.456	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	47751	5.755	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	21854	2.642	ng	# 1

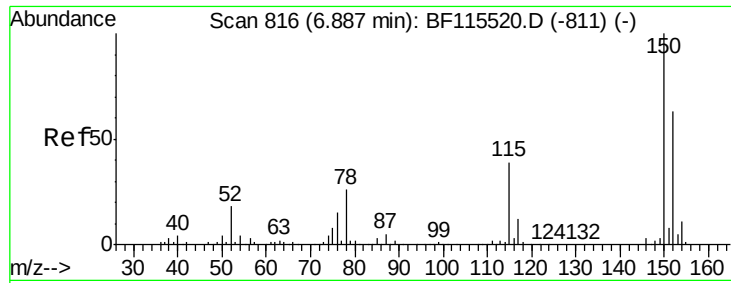
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampleId :

Quant Time: Jul 19 13:25:51 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



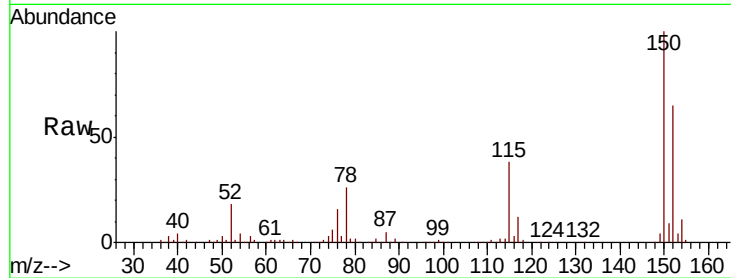


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF115667.D
 Acq: 19 Jul 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	129.7	194.5
115	59.4	48.2	72.4

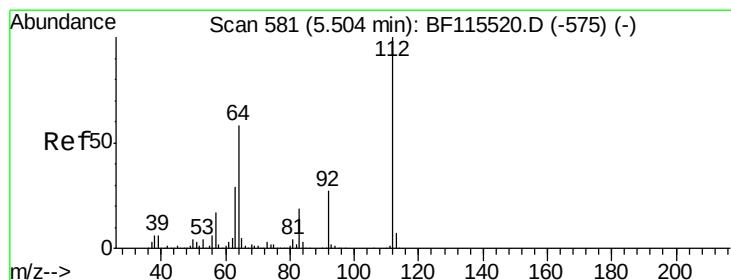
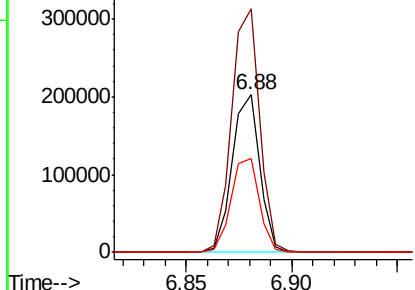
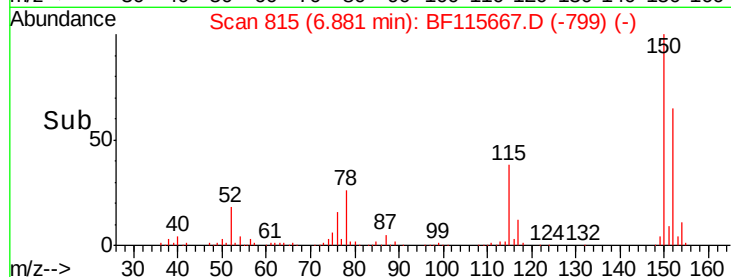


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

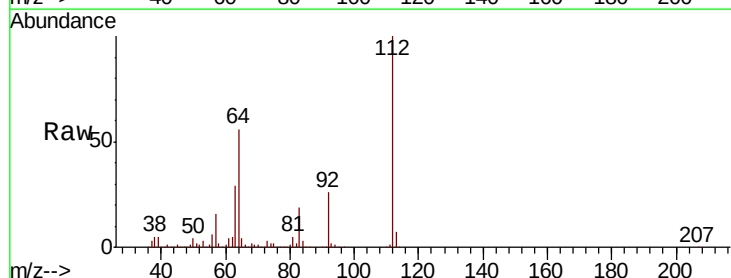
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 85.304 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF115667.D
 Acq: 19 Jul 2019 10:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.8	70.2
63	28.8	24.1	36.1

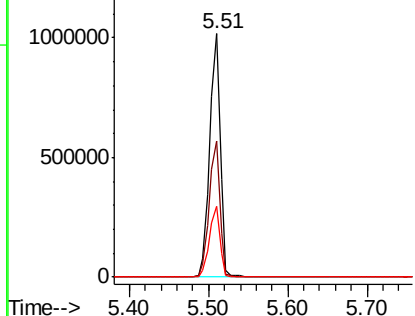
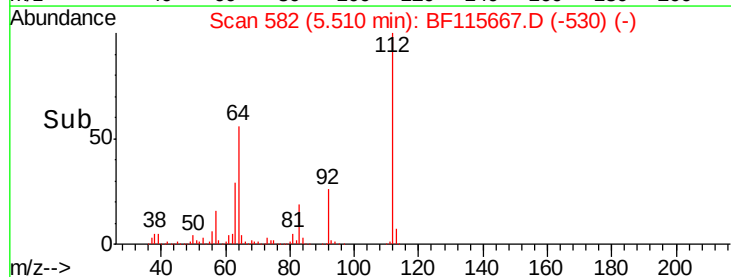


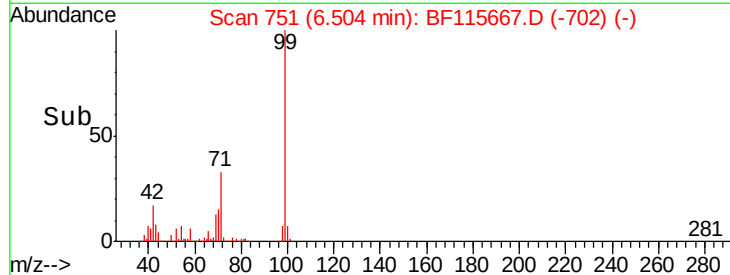
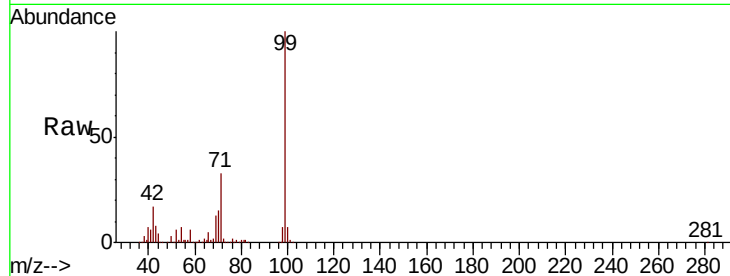
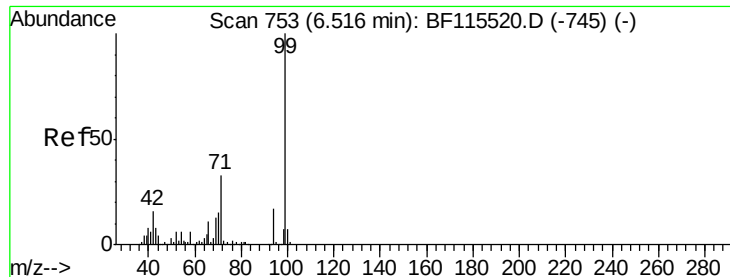
Abundance

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: 85.206 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115667.D

Acq: 19 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

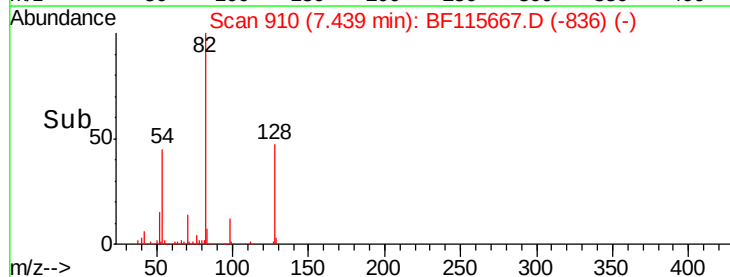
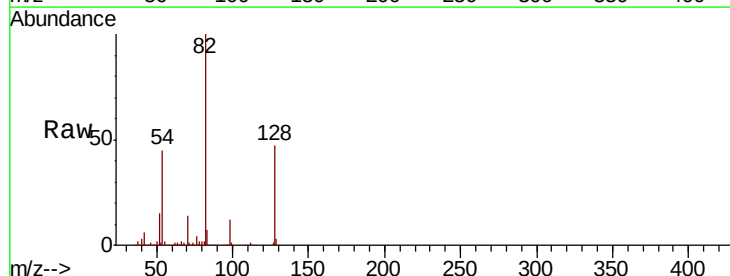
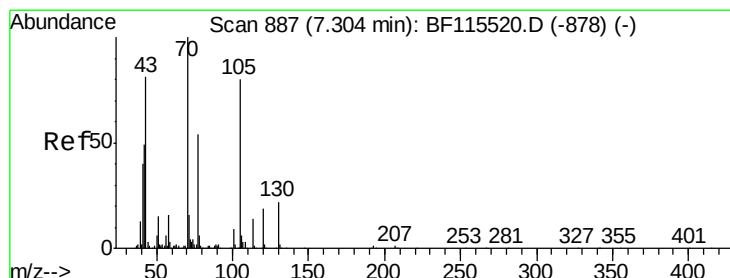
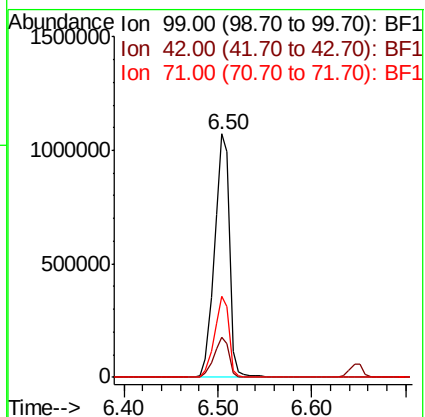
Tot Ion: 99 Resp: 1206673

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

71 33.4 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.941 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115667.D

Acq: 19 Jul 2019 10:43

Tgt Ion: 70 Resp: 147230

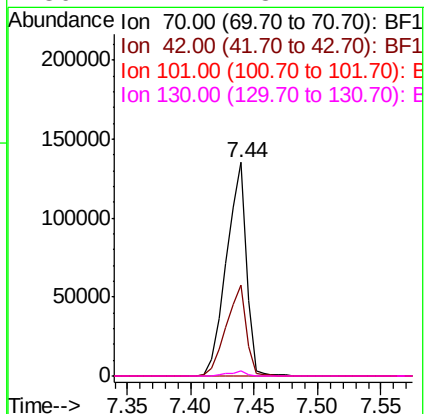
Ion Ratio Lower Upper

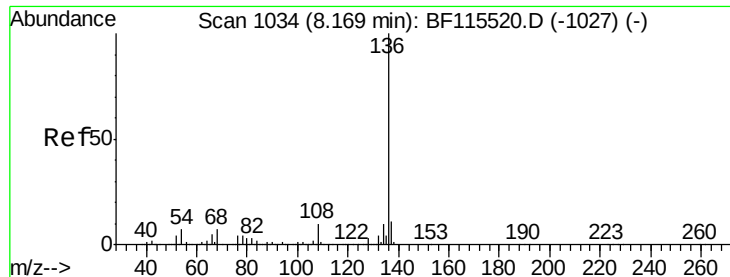
70 100

42 42.5 39.6 59.4

101 0.0 8.1 12.1#

130 2.4 18.2 27.2#

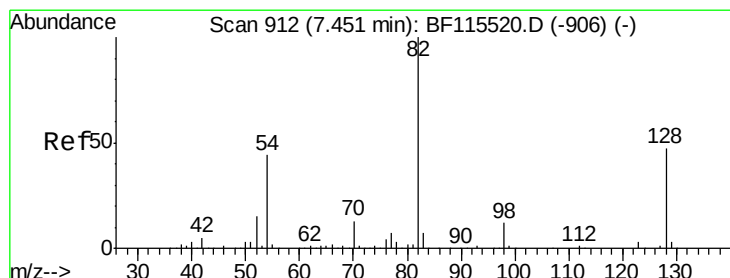
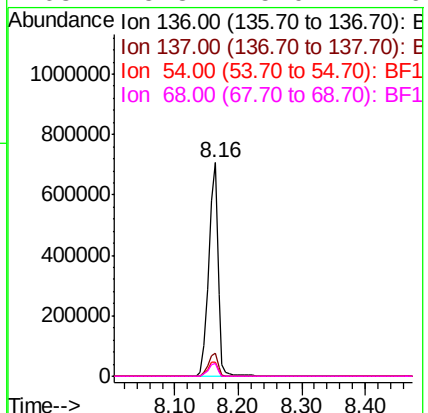
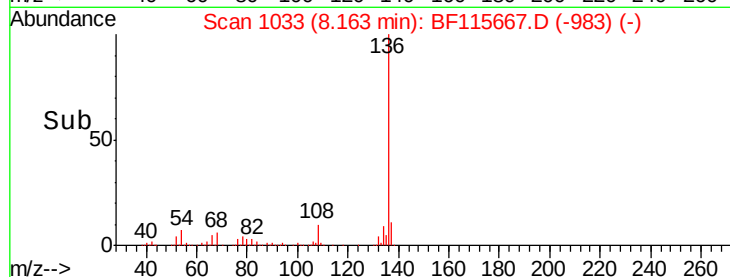
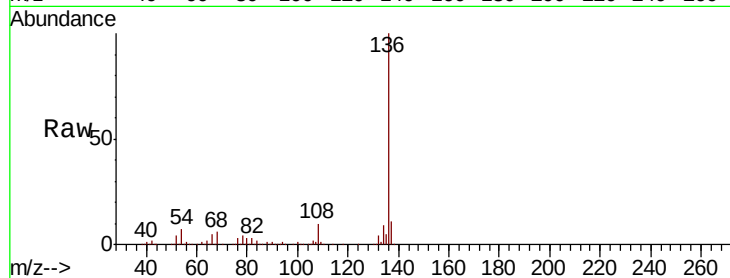




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115667.D
Acq: 19 Jul 2019 10:43

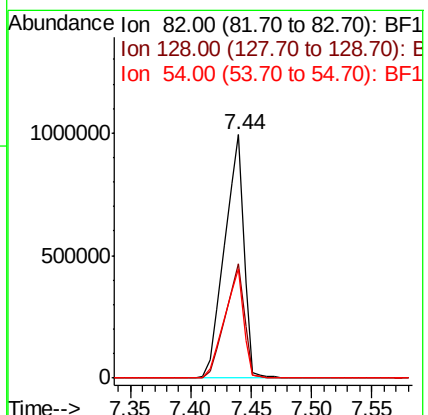
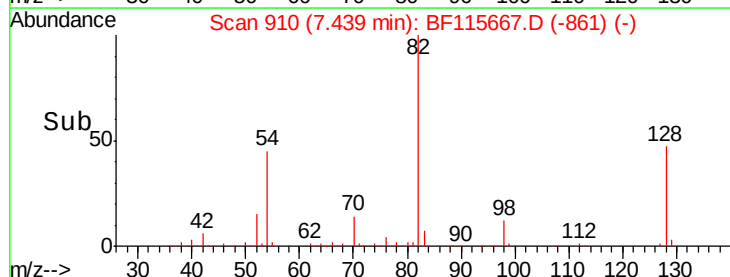
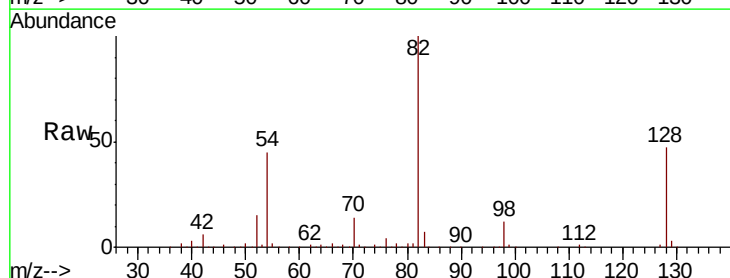
Instrument :
BNA_F
ClientSampleId :

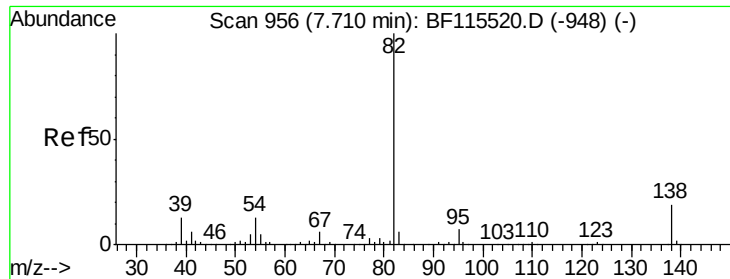
Tot Ion:136	Resp:	727195
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.0	13.4
54 6.5	5.6	8.4
68 5.8	5.0	7.6



#23
Nitrobenzene-d5
Concen: 88.878 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115667.D
Acq: 19 Jul 2019 10:43

Tgt Ion: 82	Resp: 1111532
Ion Ratio	Lower Upper
82 100	
128 47.0	38.6 57.8
54 44.6	35.6 53.4





#25

Isophorone

Concen: 42.855 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115667.D

Acq: 19 Jul 2019 10:43

Instrument :

BNA_F

ClientSampled :

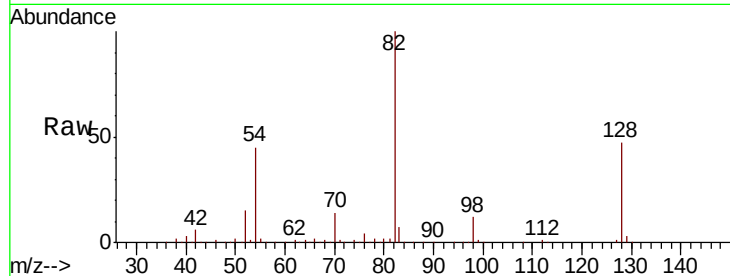
Tot Ion: 82 Resp: 1072454

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

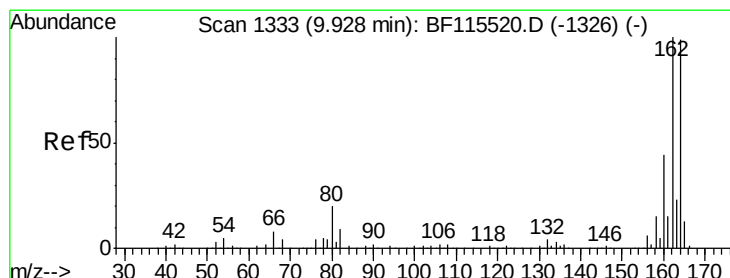
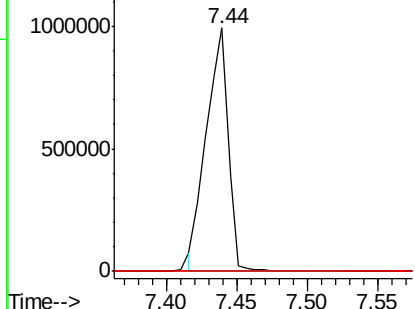
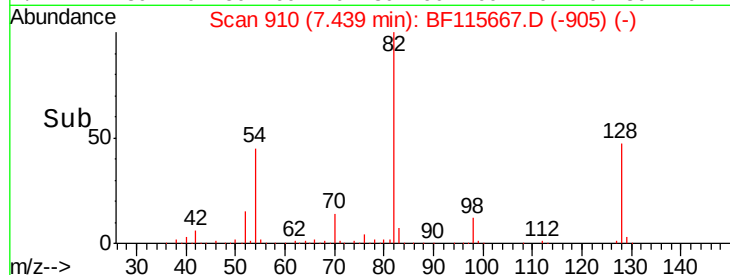
138 0.0 14.9 22.3#



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: BF115667.D

Acq: 19 Jul 2019 10:43

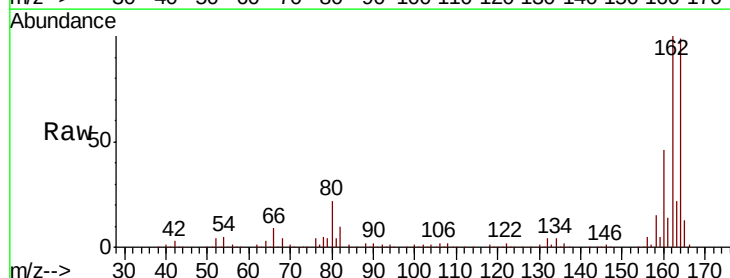
Tgt Ion:164 Resp: 374576

Ion Ratio Lower Upper

164 100

162 101.0 82.9 124.3

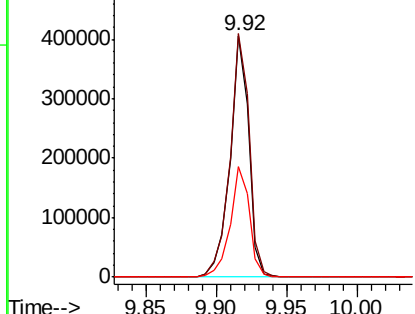
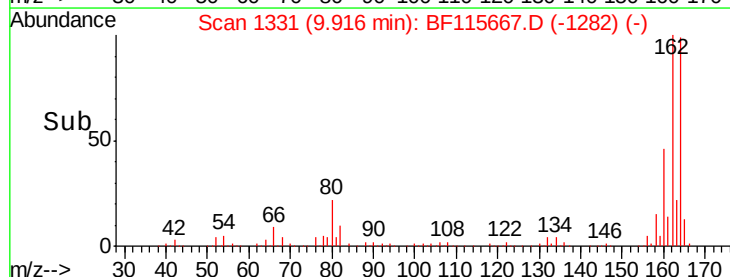
160 46.0 36.8 55.2

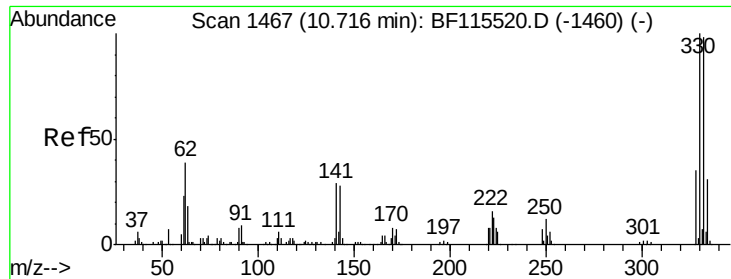


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

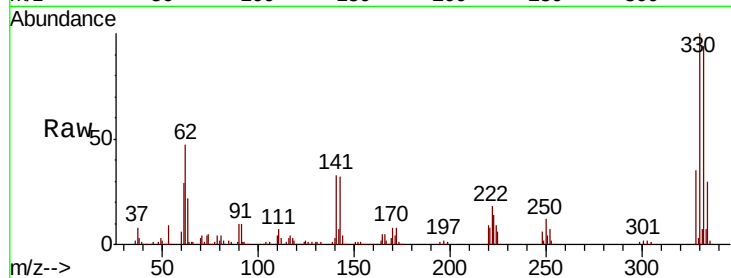




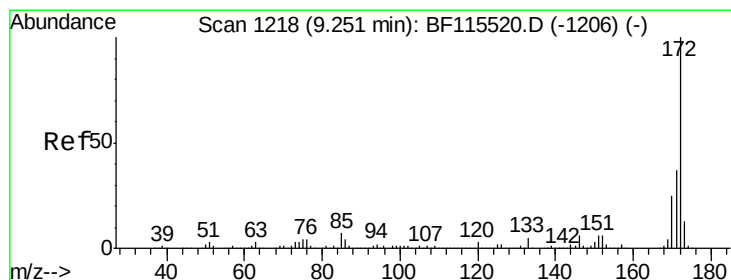
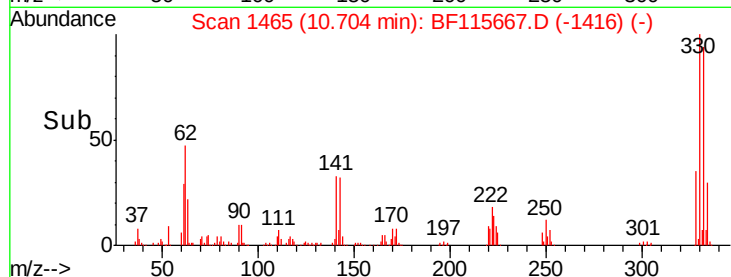
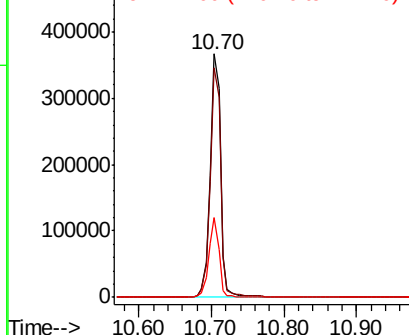
#42
 2,4,6-Tribromophenol
 Concen: 84.457 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115667.D
 Acq: 19 Jul 2019 10:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 369262
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.4 116.2
 141 32.1 22.4 33.6

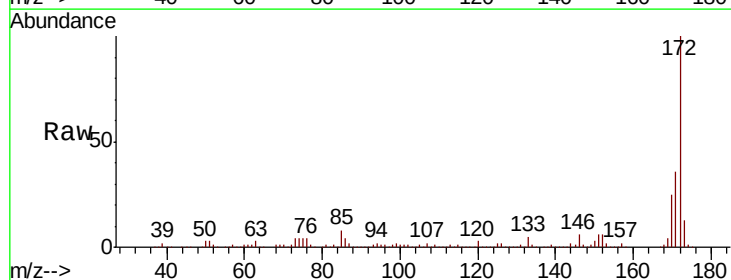


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

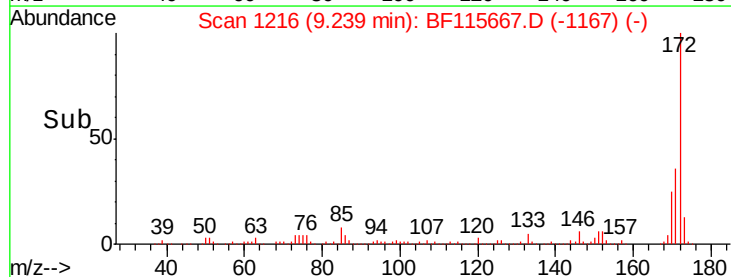
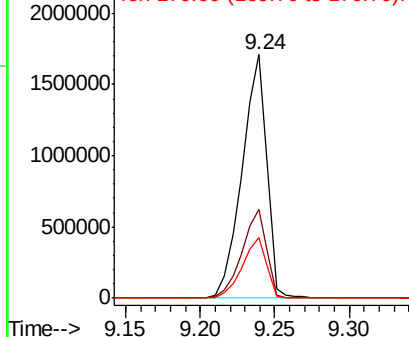


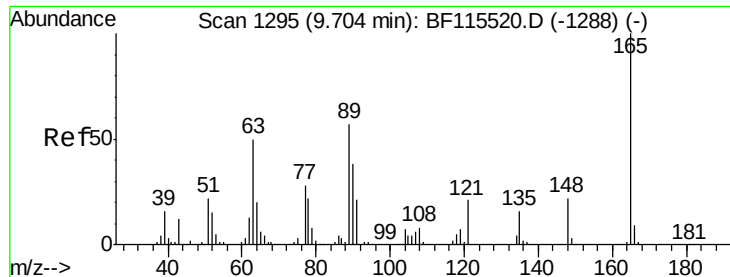
#45
 2-Fluorobiphenyl
 Concen: 91.377 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115667.D
 Acq: 19 Jul 2019 10:43

Tgt Ion:172 Resp: 1955538
 Ion Ratio Lower Upper
 172 100
 171 36.4 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: 7.456 ng

RT: 9.92 min Scan# 1331

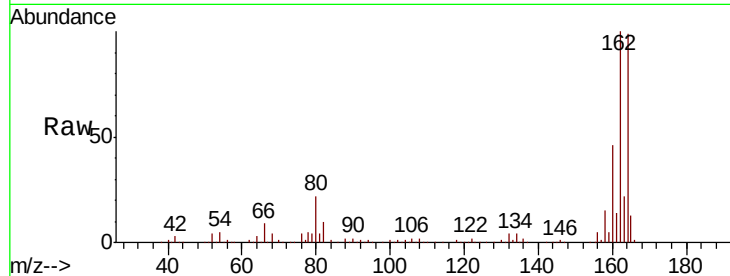
Delta R.T. 0.21 min

Lab File: BF115667.D

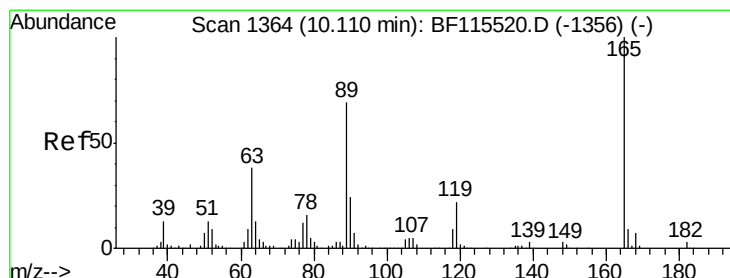
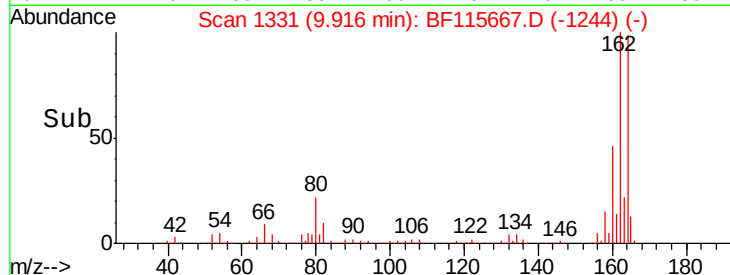
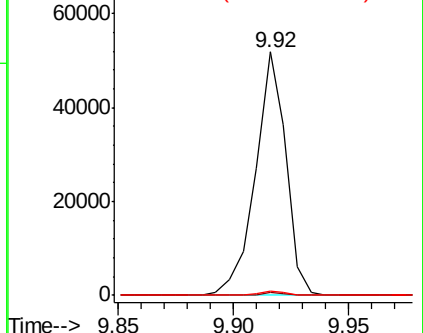
Acq: 19 Jul 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	47751
Ion Ratio	Lower	Upper
165 100		
63 1.0	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: 5.755 ng

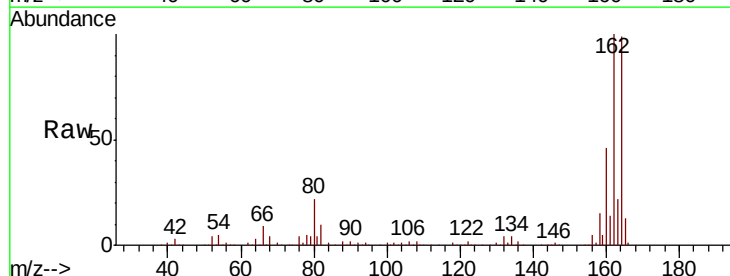
RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

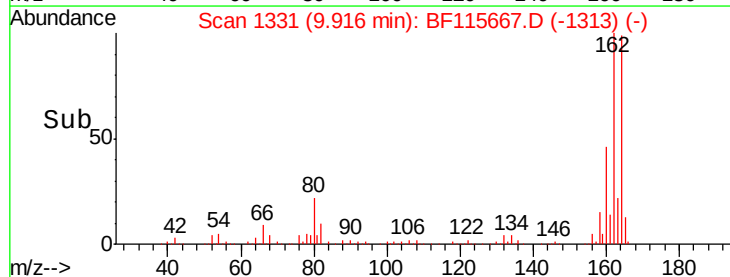
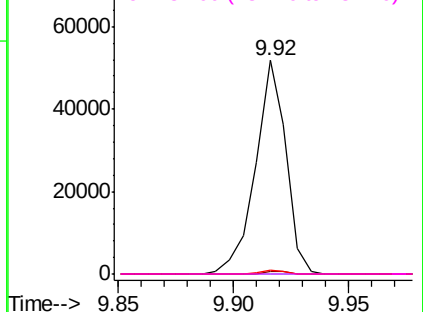
Lab File: BF115667.D

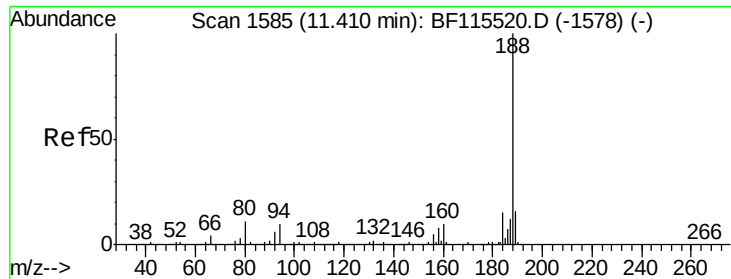
Acq: 19 Jul 2019 10:43

Tgt Ion:165	Resp:	47751
Ion Ratio	Lower	Upper
165 100		
63 1.0	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: BF115667.D

Acq: 19 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

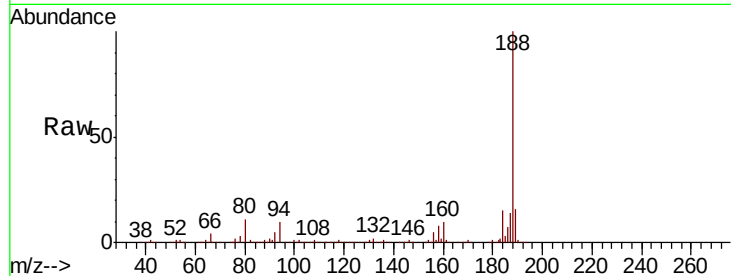
Tot Ion:188 Resp: 723731

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

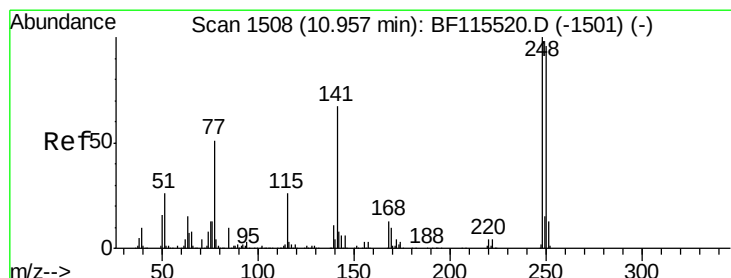
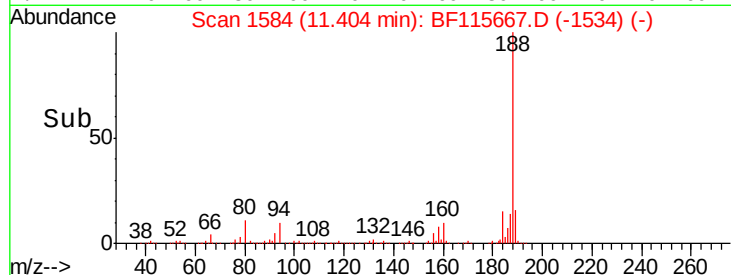
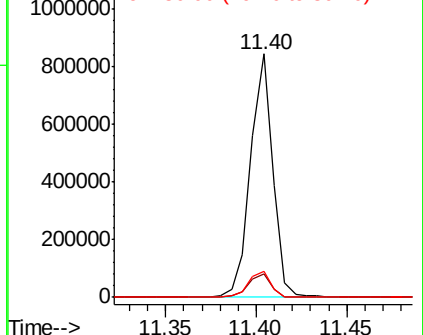
80 10.7 8.6 13.0



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: 2.642 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF115667.D

Acq: 19 Jul 2019 10:43

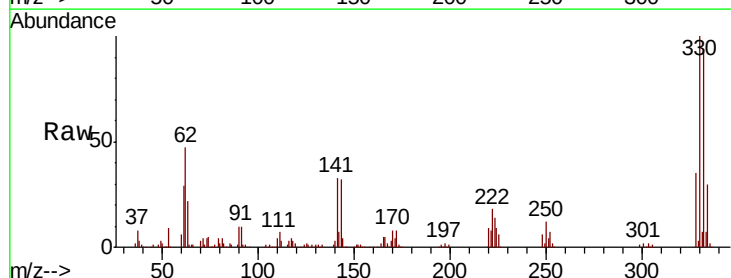
Tgt Ion:248 Resp: 21854

Ion Ratio Lower Upper

248 100

250 199.0 78.0 117.0#

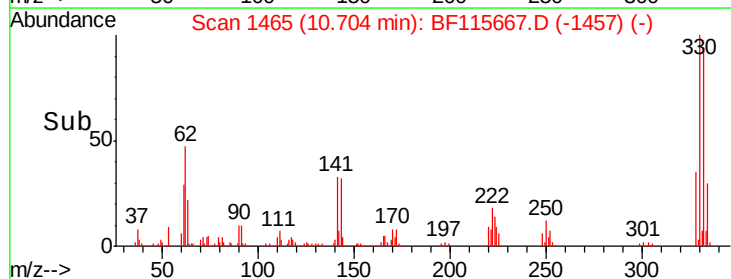
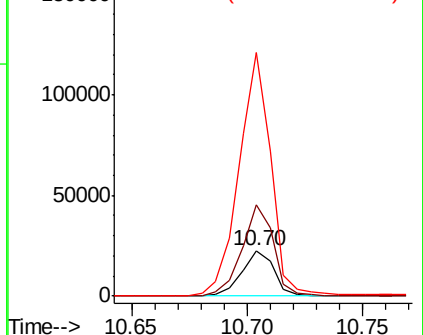
141 533.5 57.7 86.5#

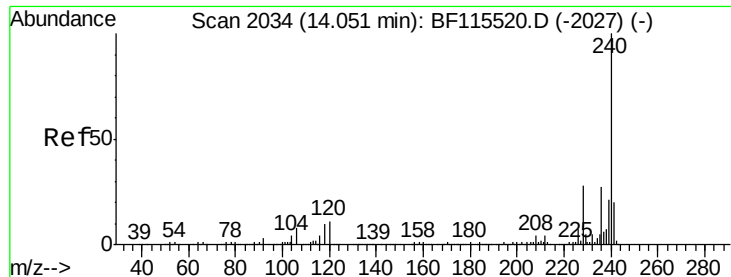


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

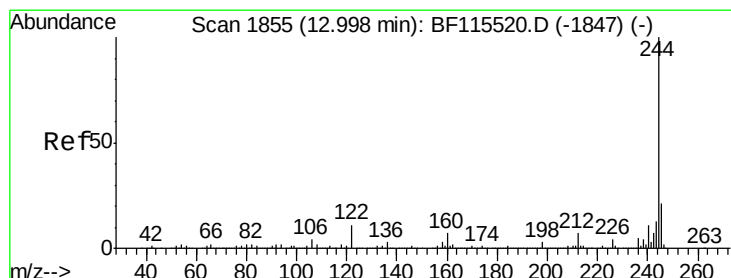
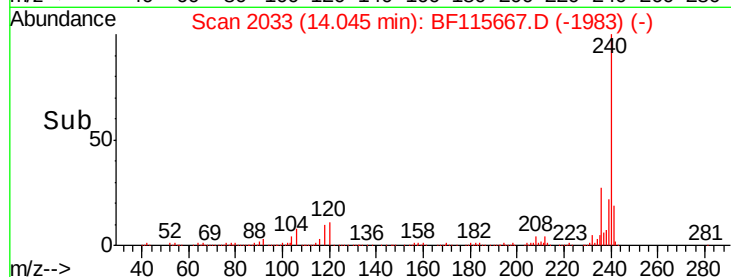
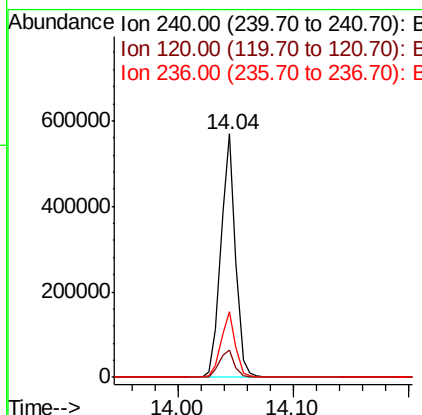
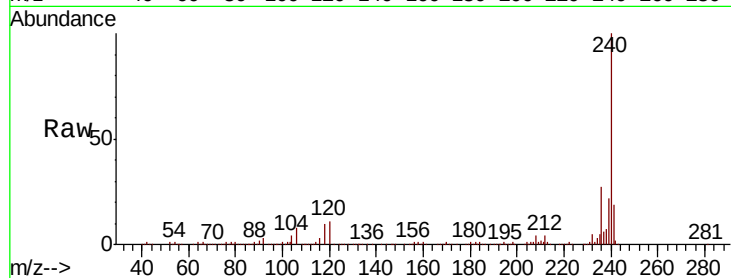




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115667.D
 Acq: 19 Jul 2019 10:43

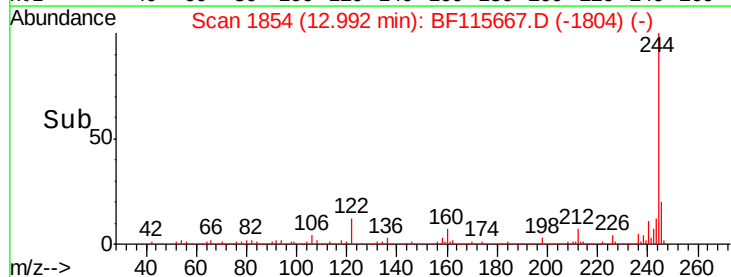
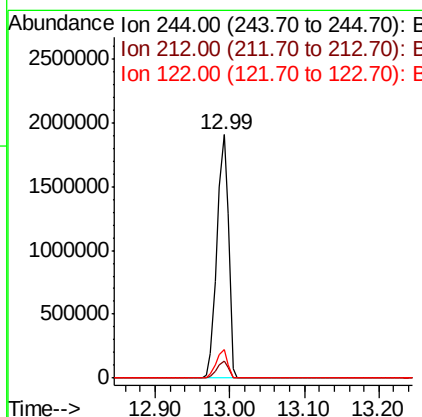
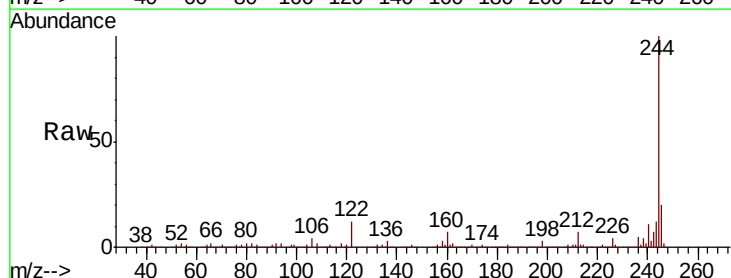
Instrument :
 BNA_F
 ClientSampleId :

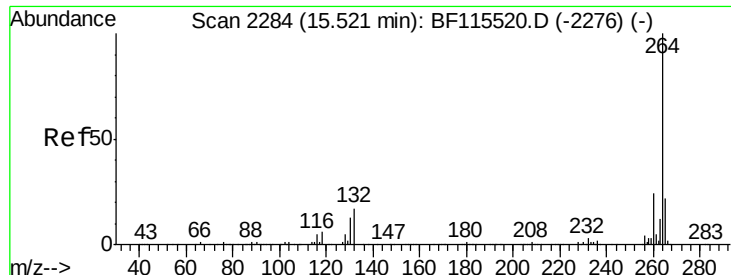
Tot Ion:240 Resp: 499028
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.6 13.0
 236 27.0 21.3 31.9



#79
 Terphenyl-d14
 Concen: 75.324 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115667.D
 Acq: 19 Jul 2019 10:43

Tgt Ion:244 Resp: 2037144
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.6 8.6 12.8





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: BF115667.D
 Acq: 19 Jul 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.8
265	22.0	17.7	26.5

