

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
 Data File : BF115743.D
 Acq On : 24 Jul 2019 10:18
 Operator : HP/JU
 Sample : PB121641BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 16:33:12 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

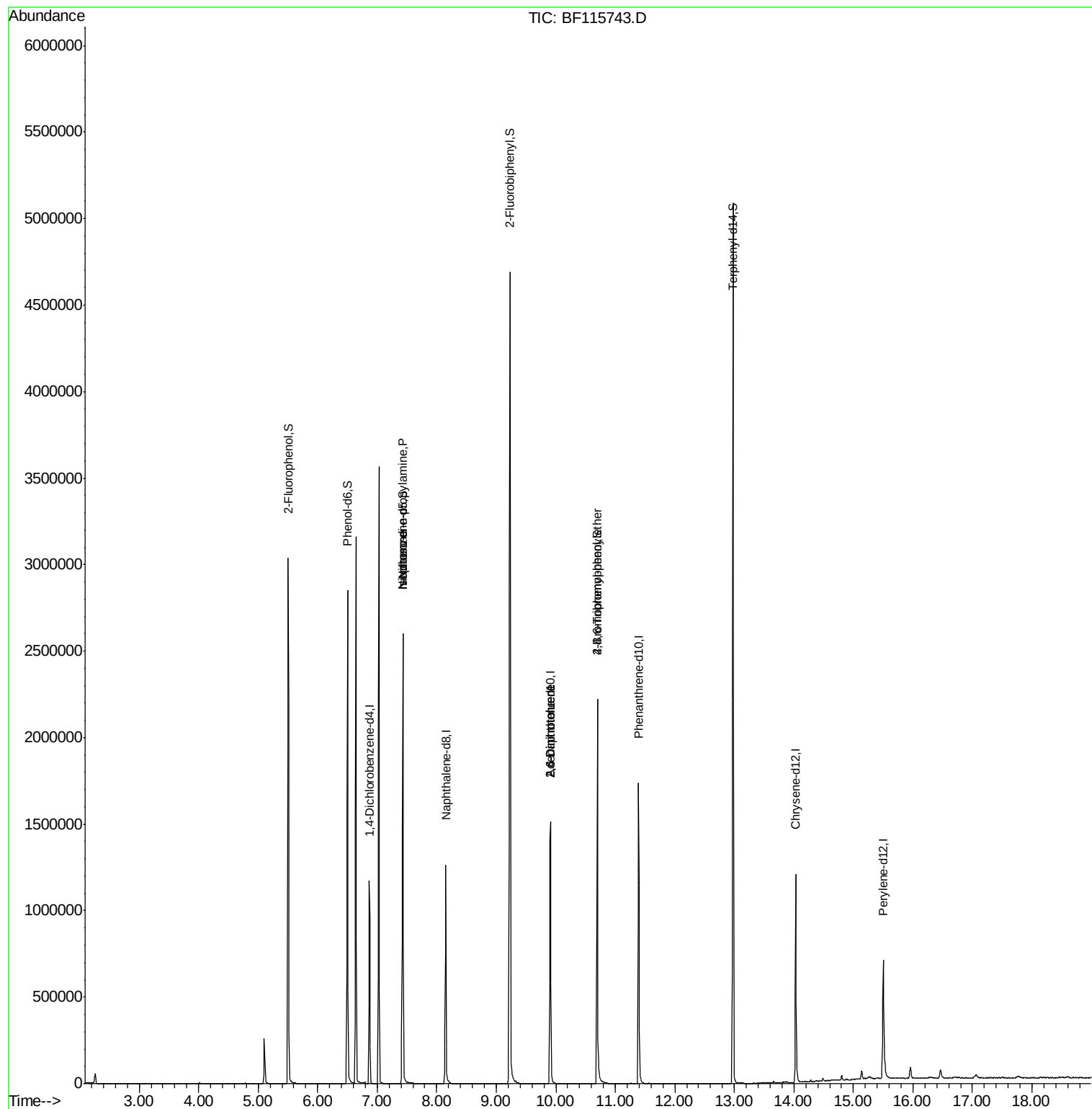
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	171933	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	666566	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	370524	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	674564	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	468270	20.00	ng	-0.02
87) Perylene-d12	15.50	264	415213	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	900232	85.64	ng	0.00
7) Phenol-d6	6.50	99	1115216	83.61	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1053256	91.88	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	330676	76.46	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1868108	88.25	ng	-0.02
79) Terphenyl-d14	12.98	244	1938880	76.40	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	143758	16.527	ng	# 79
25) Isophorone	7.43	82	1032346	45.005	ng	# 64
51) 2,6-Dinitrotoluene	9.91	165	47926	7.565	ng	# 27
57) 2,4-Dinitrotoluene	9.91	165	47927	5.839	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	20286	2.632	ng	# 1

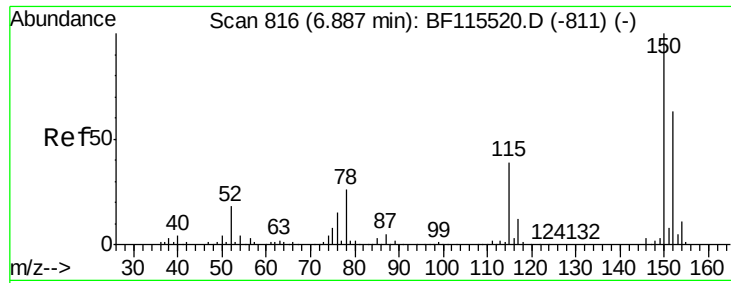
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
Data File : BF115743.D
Acq On : 24 Jul 2019 10:18
Operator : HP/JU
Sample : PB121641BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 24 16:33:12 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



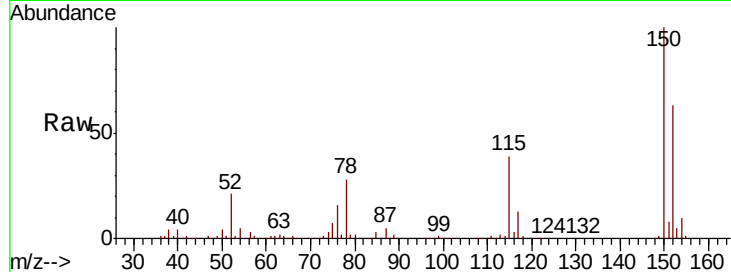


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF115743.D
Acq: 24 Jul 2019 10:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	129.7	194.5
115	62.6	48.2	72.4

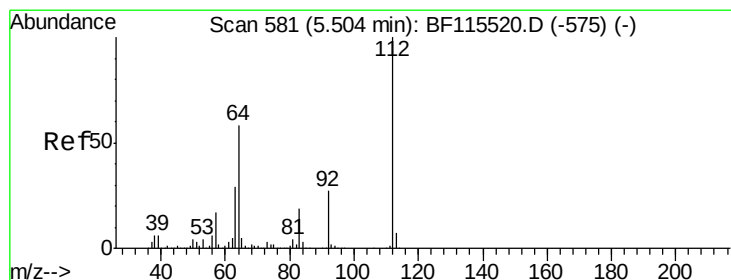
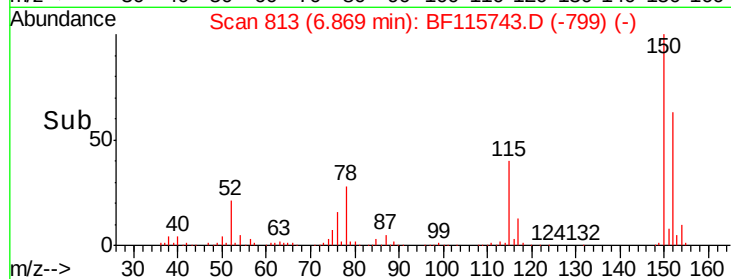
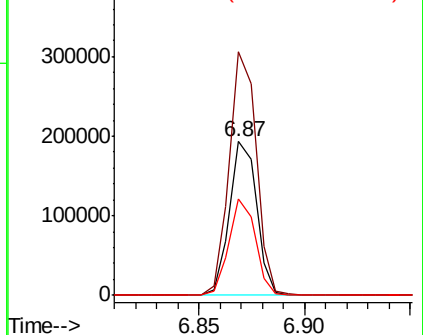


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

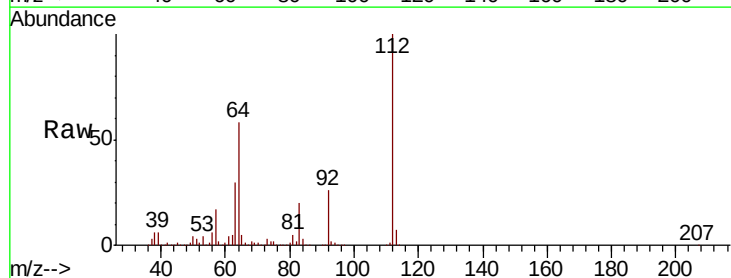
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 85.645 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF115743.D
Acq: 24 Jul 2019 10:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.8	70.2
63	29.5	24.1	36.1

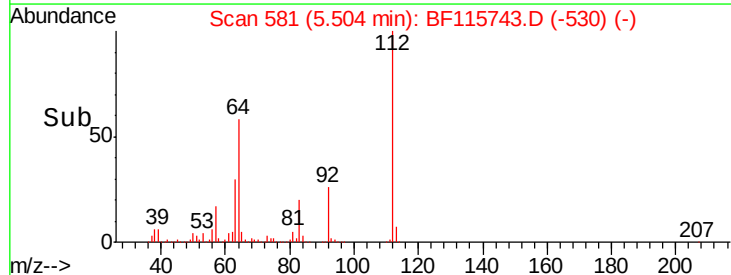
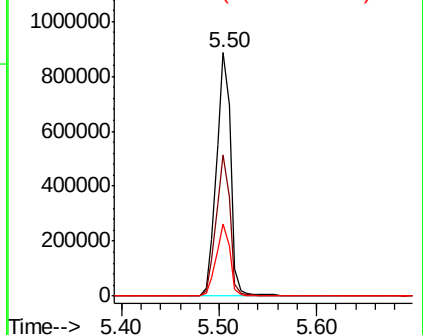


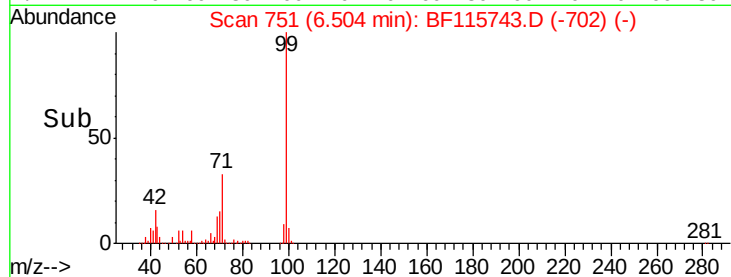
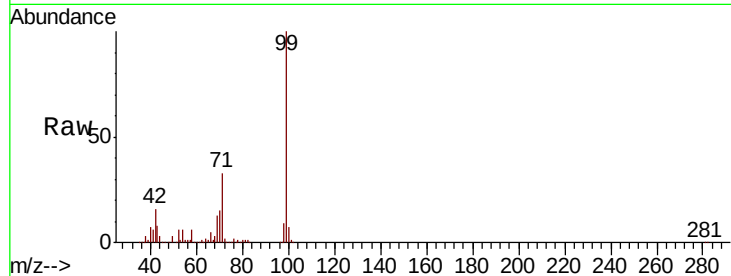
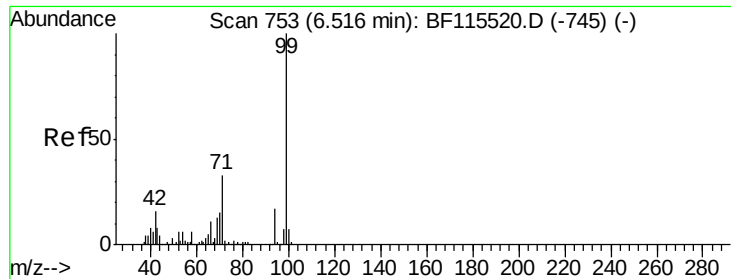
Abundance

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: 83.615 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115743.D

Acq: 24 Jul 2019 10:18

Instrument :

BNA_F

ClientSampled :

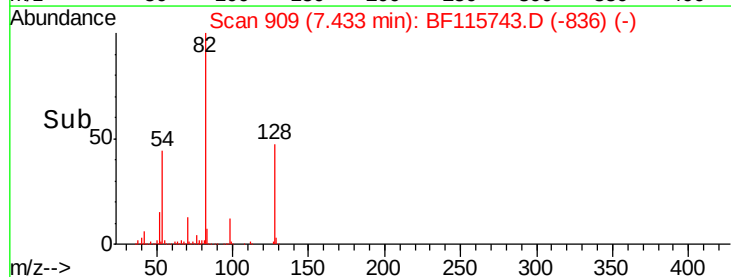
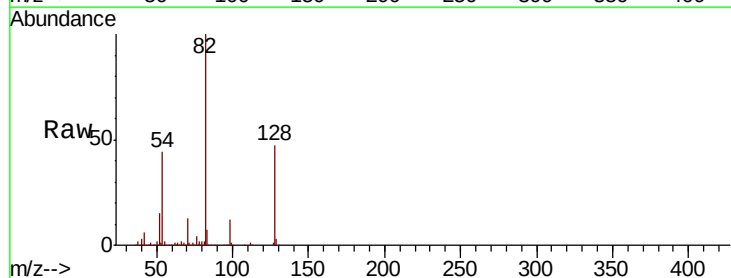
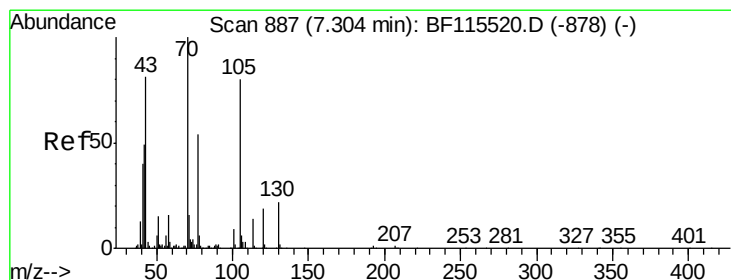
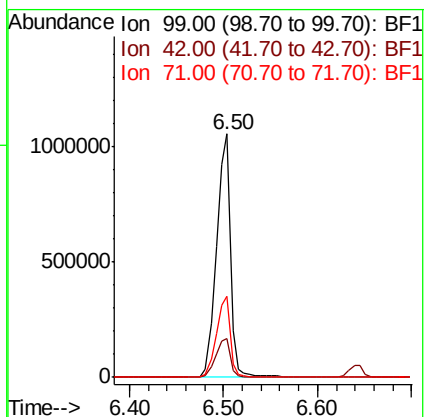
Tot Ion: 99 Resp: 1115216

Ion Ratio Lower Upper

99 100

42 15.7 13.6 20.4

71 33.1 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.527 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF115743.D

Acq: 24 Jul 2019 10:18

Tgt Ion: 70 Resp: 143758

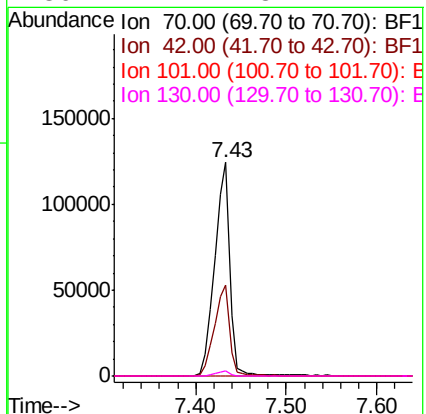
Ion Ratio Lower Upper

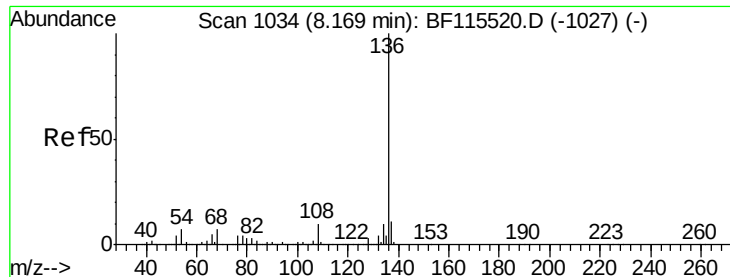
70 100

42 42.6 39.6 59.4

101 0.0 8.1 12.1#

130 2.2 18.2 27.2#

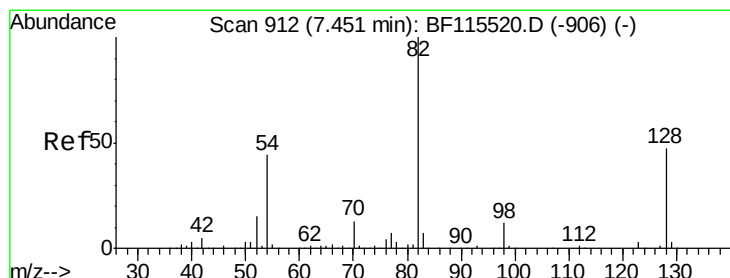
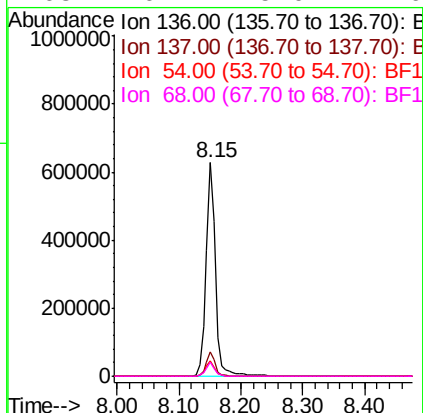
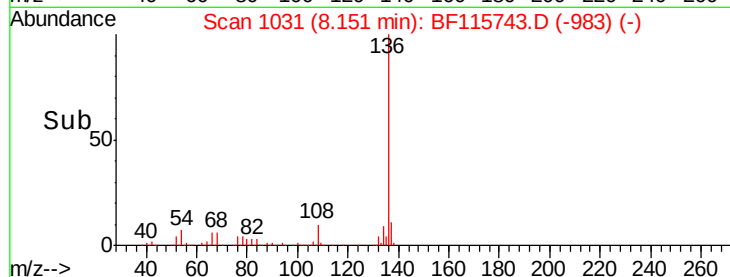
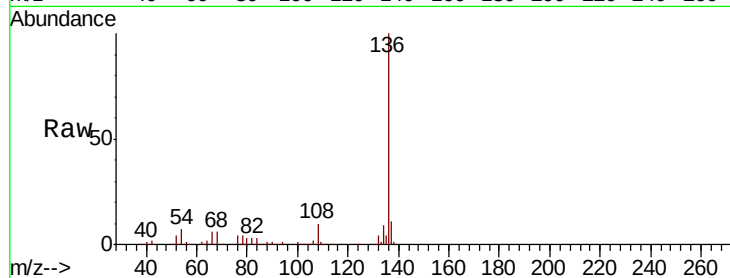




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF115743.D
Acq: 24 Jul 2019 10:18

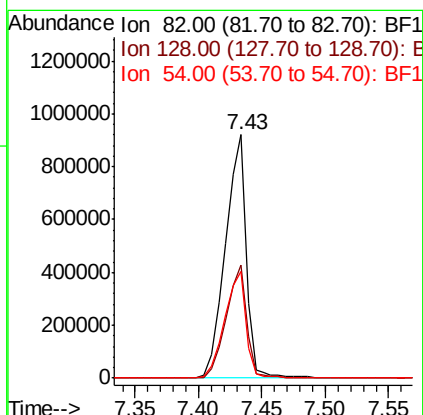
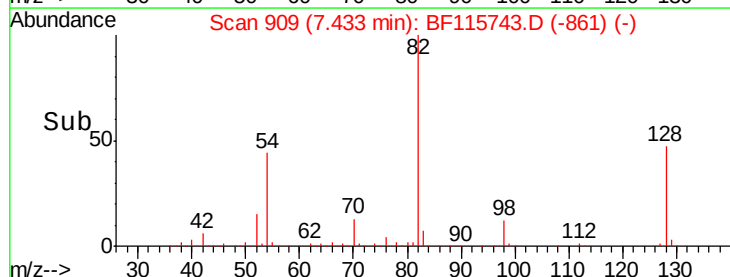
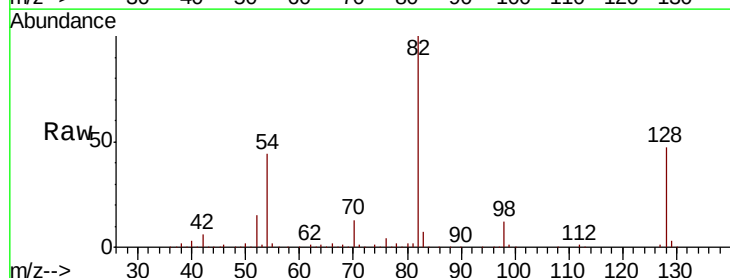
Instrument :
BNA_F
ClientSampled :

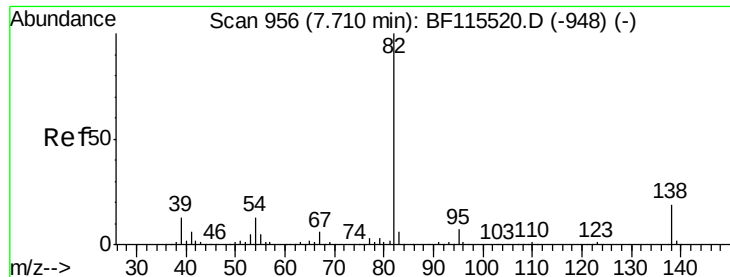
Tot Ion:136	Resp:	666566
Ion Ratio	Lower	Upper
136 100		
137 11.3	9.0	13.4
54 7.0	5.6	8.4
68 6.4	5.0	7.6



#23
Nitrobenzene-d5
Concen: 91.879 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115743.D
Acq: 24 Jul 2019 10:18

Tgt Ion	82	Resp: 1053256	
Ion	Ratio	Lower	Upper
82	100		
128	46.5	38.6	57.8
54	43.9	35.6	53.4





#25

Isophorone

Concen: 45.005 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF115743.D

Acq: 24 Jul 2019 10:18

Instrument :

BNA_F

ClientSampleId :

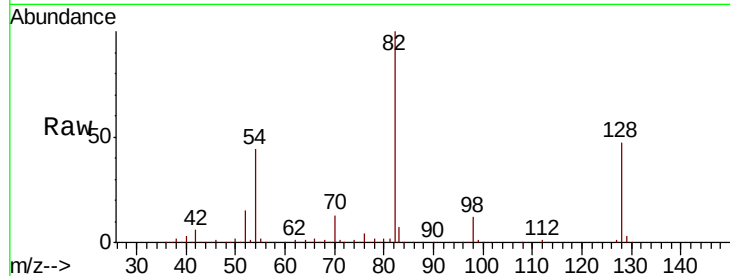
Tot Ion: 82 Resp: 1032346

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

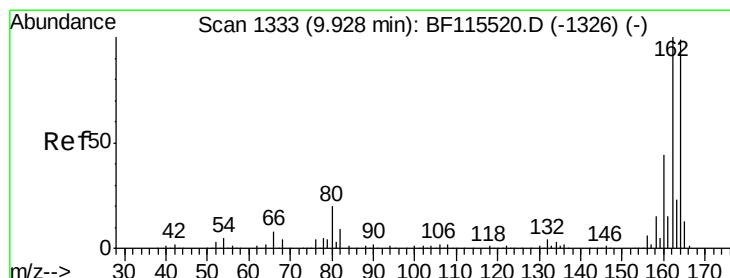
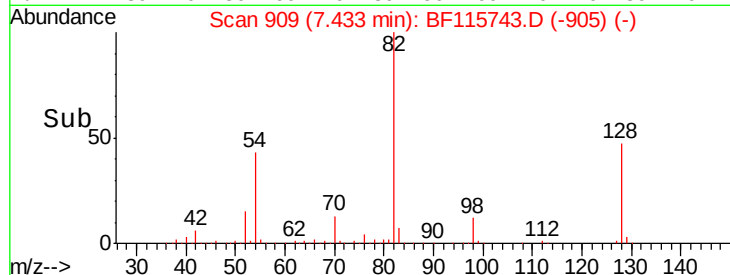
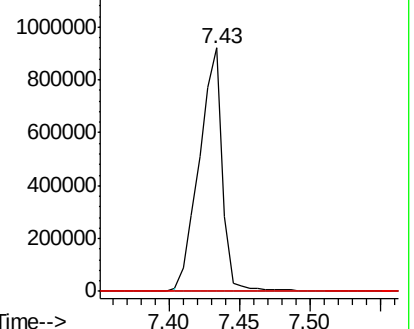
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF115520.D (-948) (-)

Ion 95.00 (94.70 to 95.70): BF115520.D (-948) (-)

Ion 138.00 (137.70 to 138.70): BF115520.D (-948) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF115743.D

Acq: 24 Jul 2019 10:18

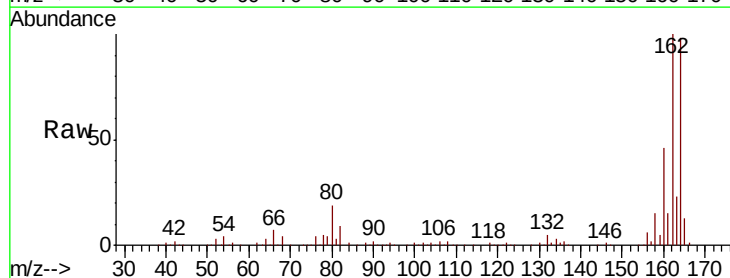
Tgt Ion: 164 Resp: 370524

Ion Ratio Lower Upper

164 100

162 102.3 82.9 124.3

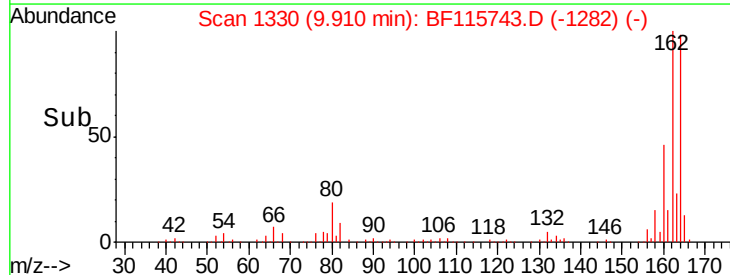
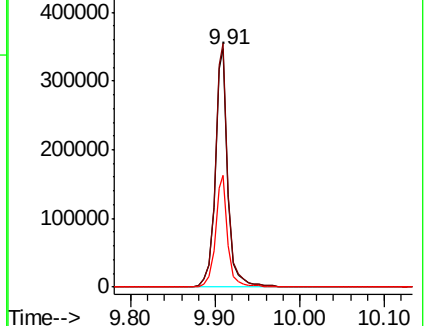
160 46.9 36.8 55.2

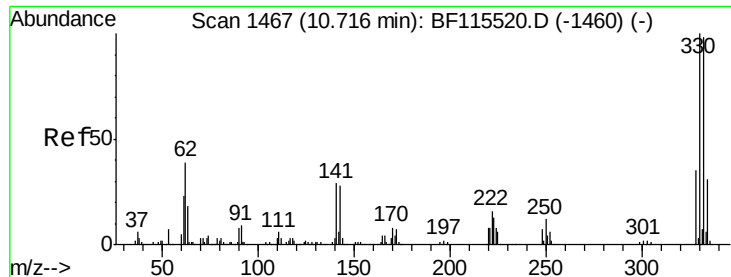


Abundance Ion 164.00 (163.70 to 164.70): BF115520.D (-1326) (-)

Ion 162.00 (161.70 to 162.70): BF115520.D (-1326) (-)

Ion 160.00 (159.70 to 160.70): BF115520.D (-1326) (-)

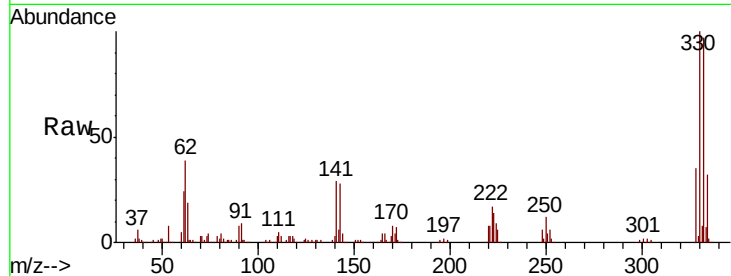




#42
 2,4,6-Tribromophenol
 Concen: 76.458 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF115743.D
 Acq: 24 Jul 2019 10:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	34.3	22.4	33.6

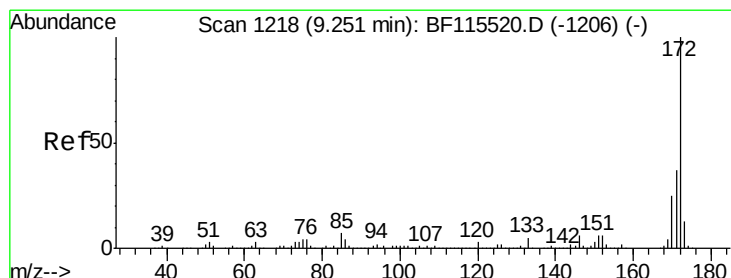
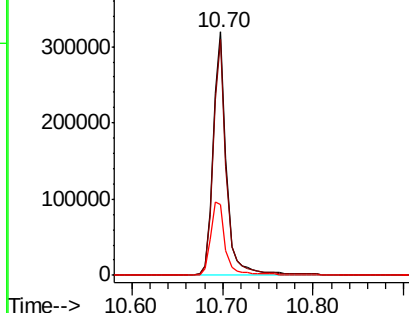
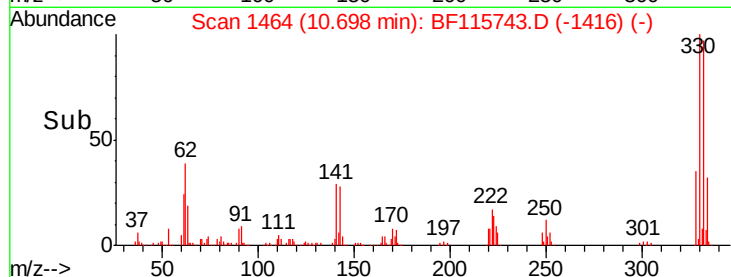


Abundance

Ion 329.80 (329.50 to 330.50): E

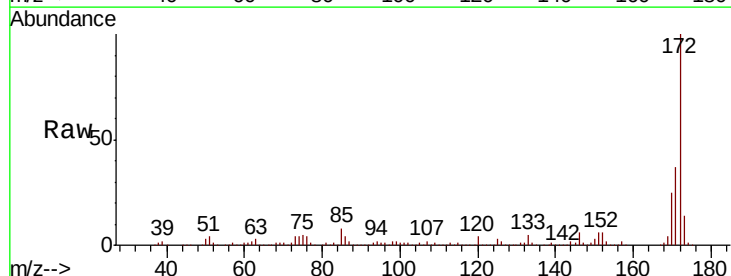
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.246 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF115743.D
 Acq: 24 Jul 2019 10:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	46.0
170	24.8	20.5	30.7

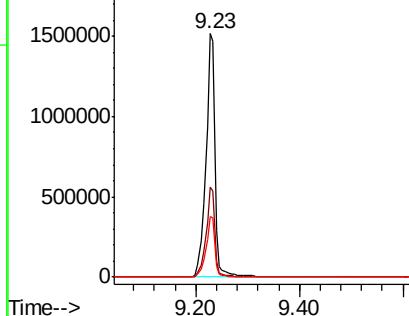
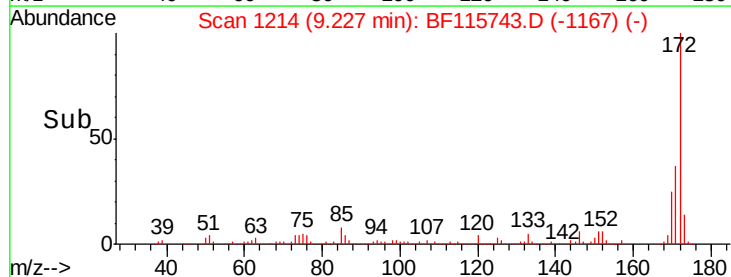


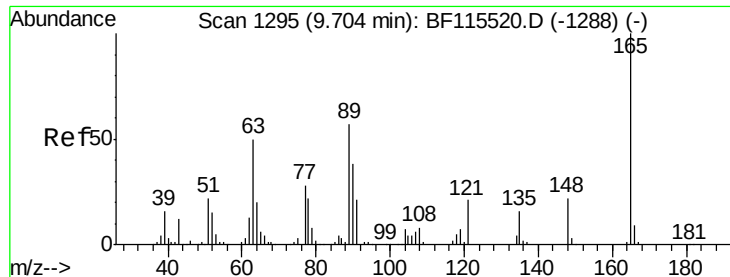
Abundance

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: 7.565 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.21 min

Lab File: BF115743.D

Acq: 24 Jul 2019 10:18

Instrument :

BNA_F

ClientSampleId :

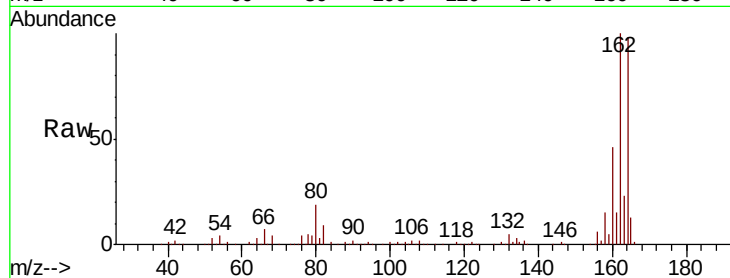
Tot Ion:165 Resp: 47926

Ion Ratio Lower Upper

165 100

63 0.9 40.6 61.0#

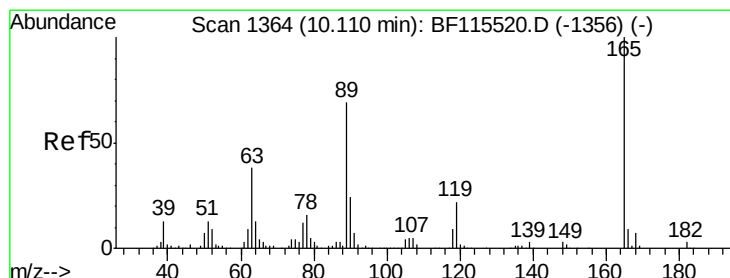
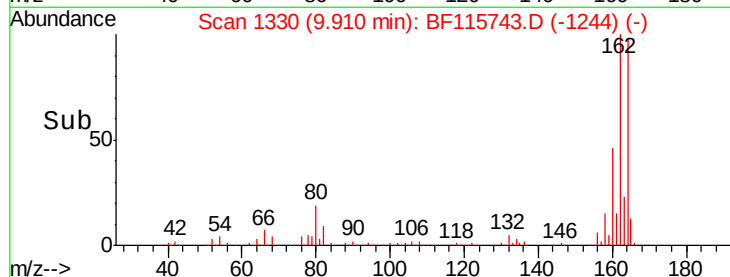
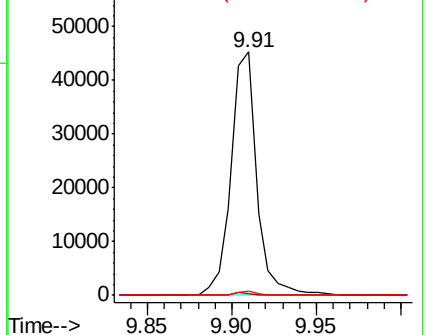
89 1.5 43.9 65.9#



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: 5.839 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.20 min

Lab File: BF115743.D

Acq: 24 Jul 2019 10:18

Tgt Ion:165 Resp: 47927

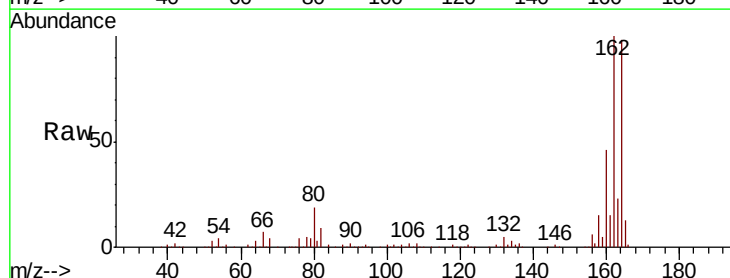
Ion Ratio Lower Upper

165 100

63 0.9 34.9 52.3#

89 1.5 57.5 86.3#

182 0.0 2.2 3.4#

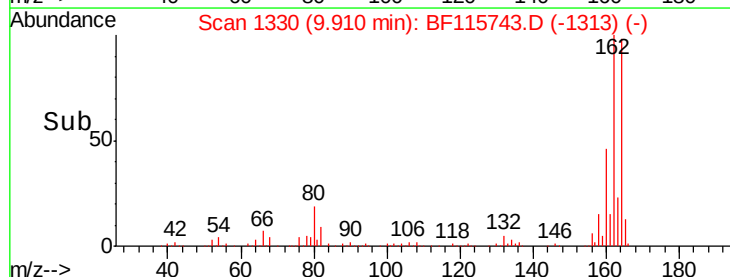
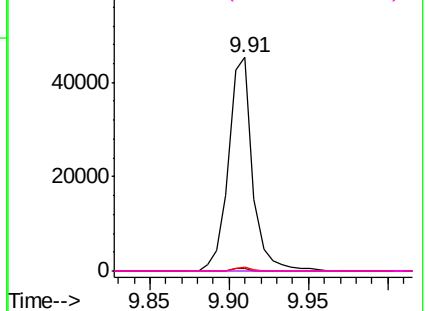


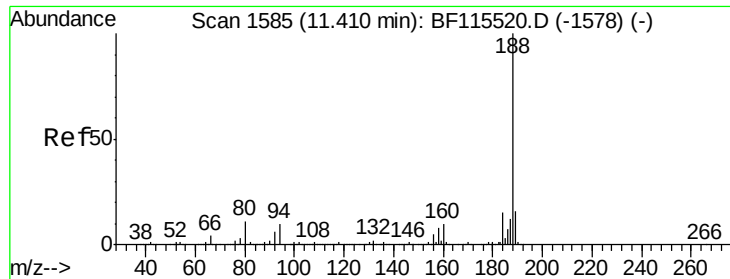
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.39 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BF115743.D

Acq: 24 Jul 2019 10:18

Instrument :

BNA_F

ClientSampleId :

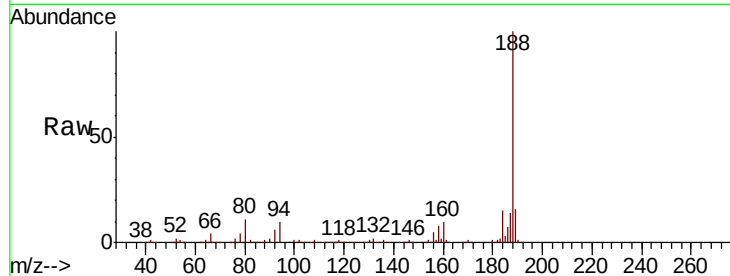
Tot Ion:188 Resp: 674564

Ion Ratio Lower Upper

188 100

94 10.2 7.8 11.6

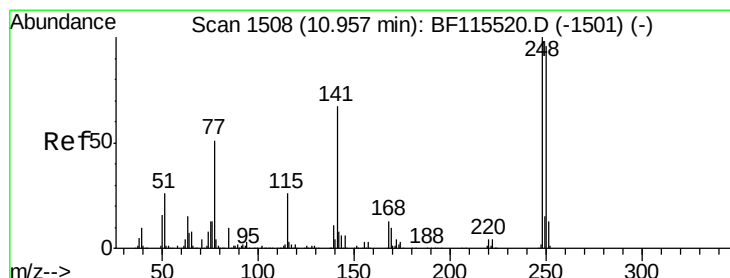
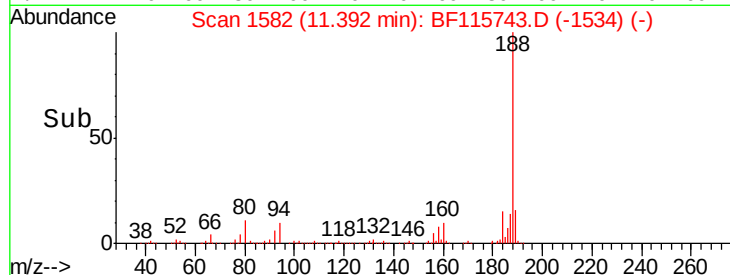
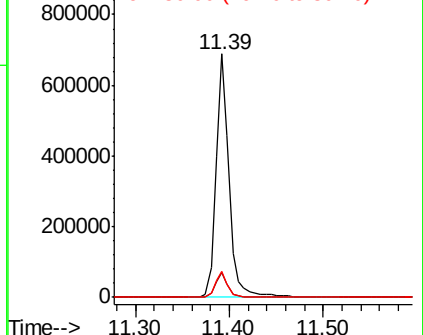
80 10.7 8.6 13.0



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: 2.632 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.26 min

Lab File: BF115743.D

Acq: 24 Jul 2019 10:18

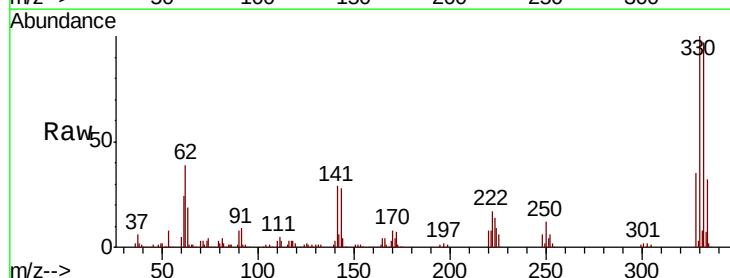
Tgt Ion:248 Resp: 20286

Ion Ratio Lower Upper

248 100

250 197.2 78.0 117.0#

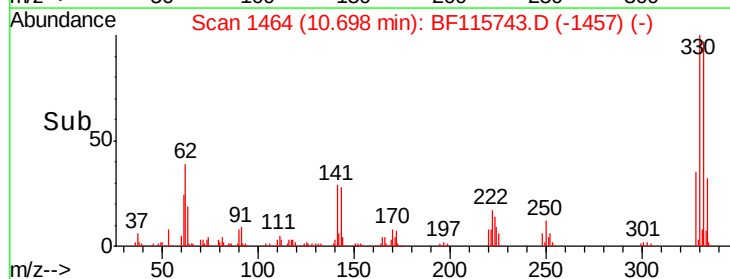
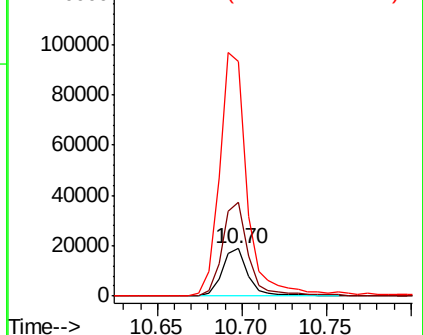
141 492.9 57.7 86.5#

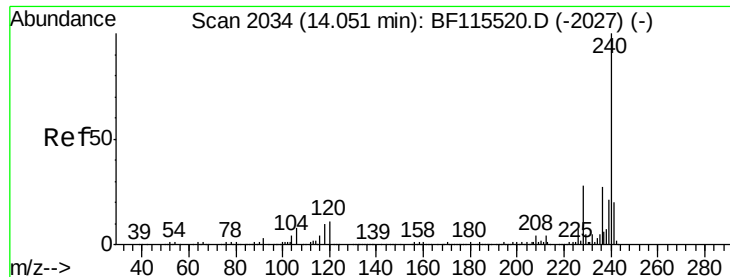


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

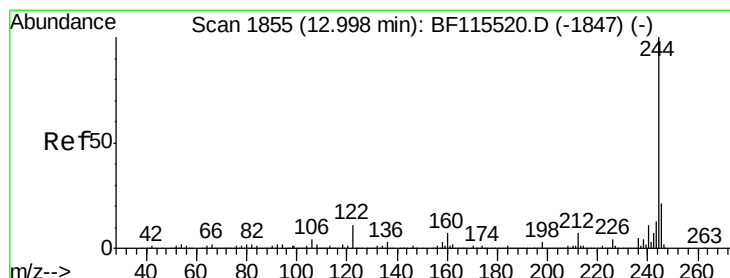
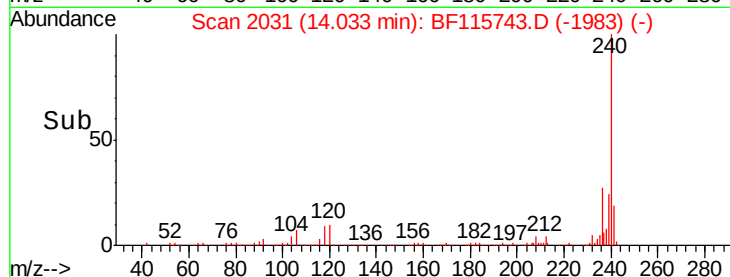
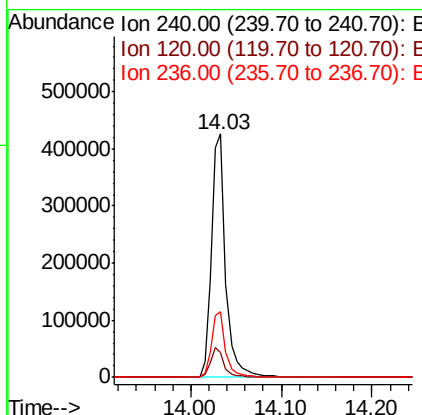
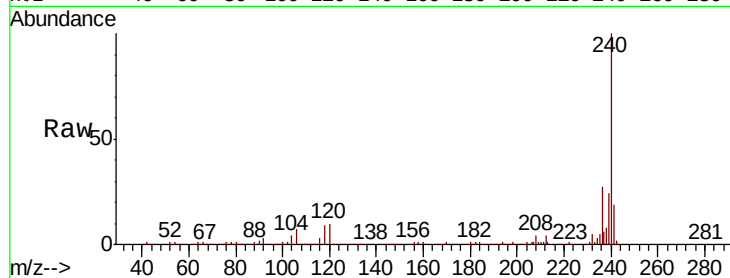




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF115743.D
 Acq: 24 Jul 2019 10:18

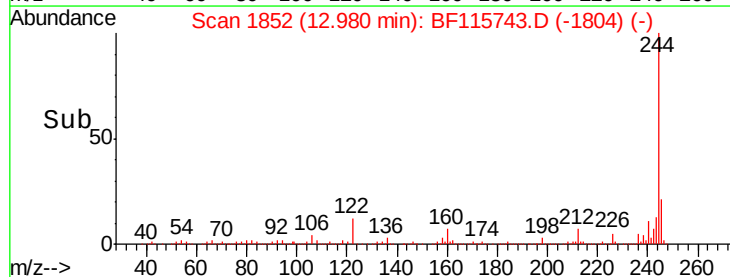
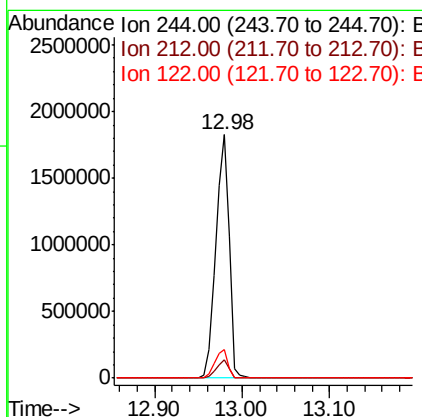
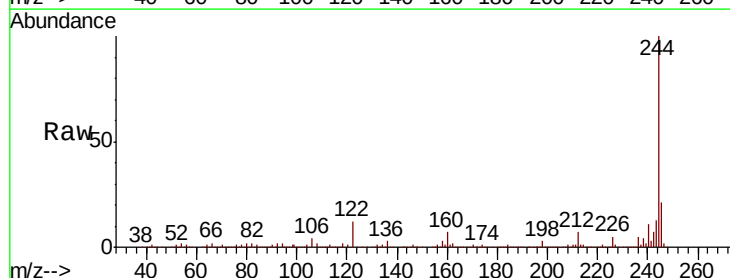
Instrument :
 BNA_F
 ClientSampleId :

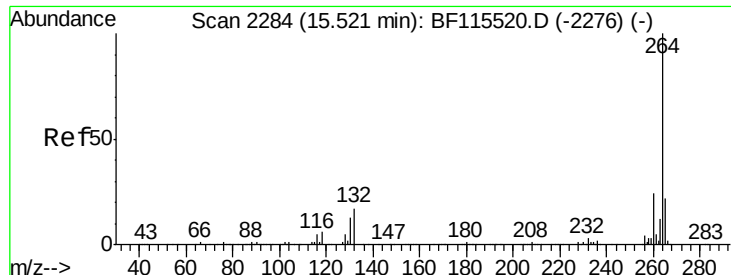
Tot Ion:240 Resp: 468270
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.6 13.0
 236 26.8 21.3 31.9



#79
 Terphenyl-d14
 Concen: 76.400 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115743.D
 Acq: 24 Jul 2019 10:18

Tgt Ion:244 Resp: 1938880
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.6 8.6 12.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115743.D
Acq: 24 Jul 2019 10:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.8
265	22.1	17.7	26.5

