

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
 Data File : BF115668.D
 Acq On : 19 Jul 2019 11:13
 Operator : HP/JU
 Sample : K3834-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 19 13:26:00 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

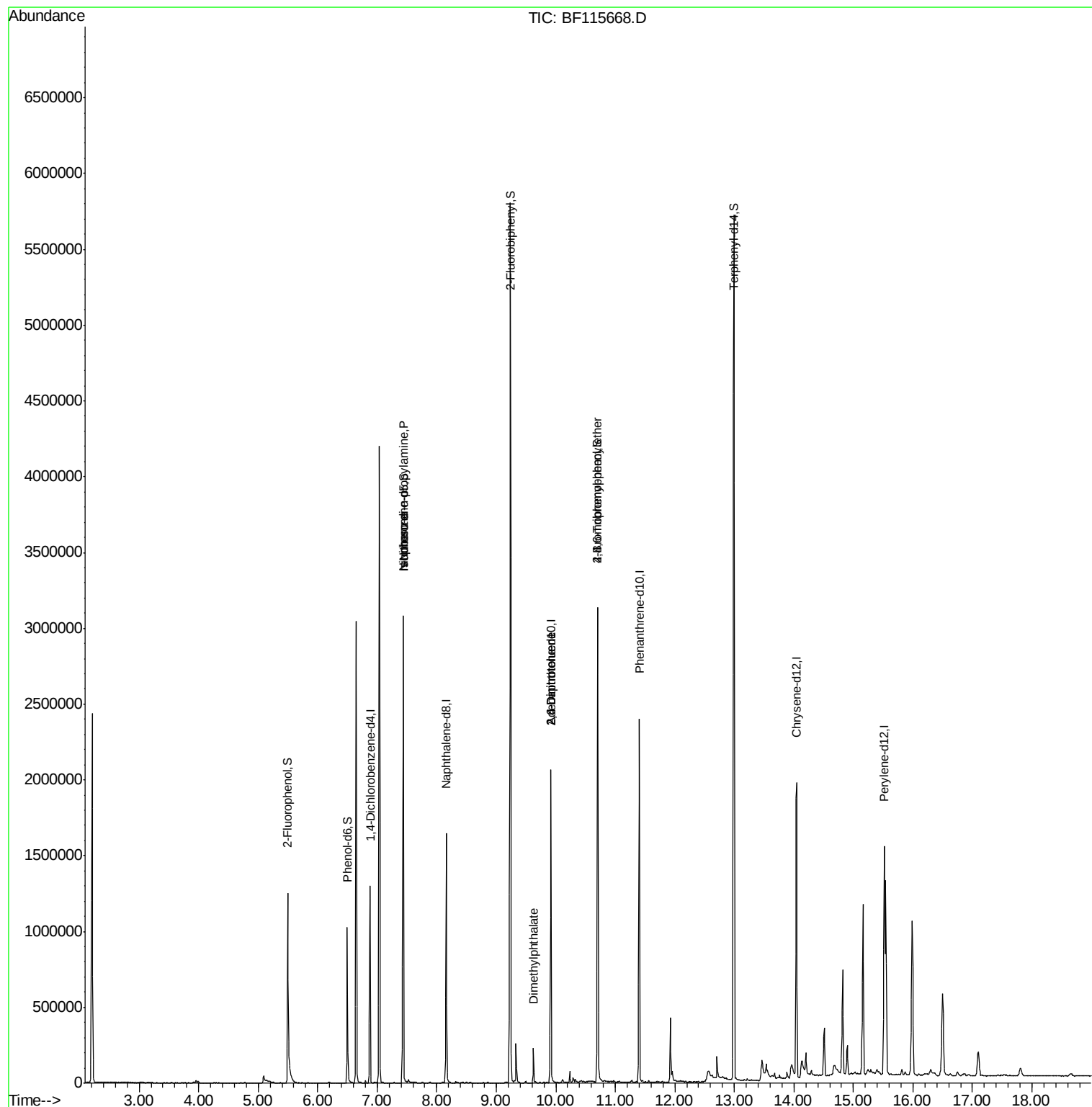
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	200728	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	799429	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	417987	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	843406	20.00	ng	0.00
76) Chrysene-d12	14.04	240	659561	20.00	ng	0.00
87) Perylene-d12	15.52	264	675471	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	453583	36.96	ng	0.00
7) Phenol-d6	6.50	99	339939	21.83	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1294926	94.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	461615	94.61	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2177934	91.20	ng	-0.01
79) Terphenyl-d14	12.99	244	2354354	65.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	174414	17.175	ng	# 78
25) Isophorone	7.44	82	1255577	45.639	ng	# 64
50) Dimethylphthalate	9.63	163	94769	3.014	ng	# 98
51) 2,6-Dinitrotoluene	9.92	165	53863	7.537	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	53863	5.817	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	28006	2.906	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115668.D
Acq On : 19 Jul 2019 11:13
Operator : HP/JU
Sample : K3834-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 19 13:26:00 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



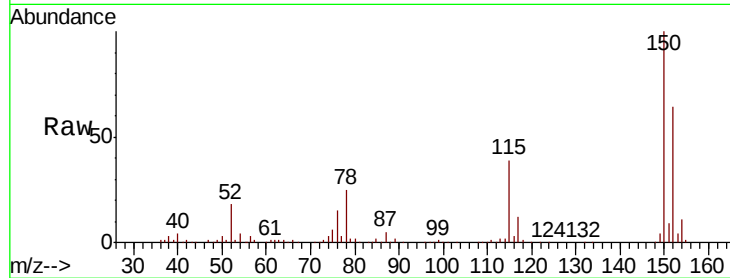


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115668.D
Acq: 19 Jul 2019 11:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	129.7	194.5
115	59.9	48.2	72.4

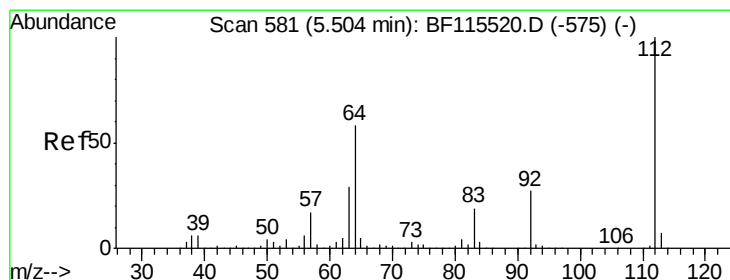
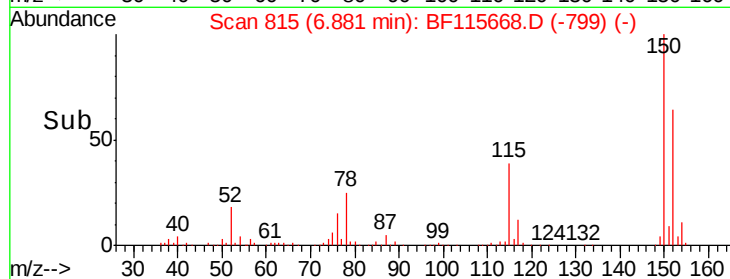
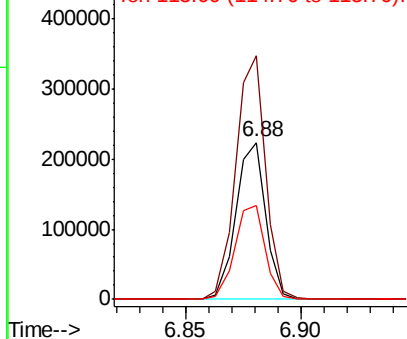


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

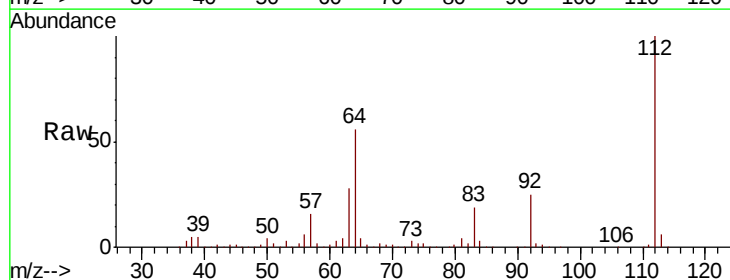
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 36.962 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115668.D
Acq: 19 Jul 2019 11:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	46.8	70.2
63	28.0	24.1	36.1

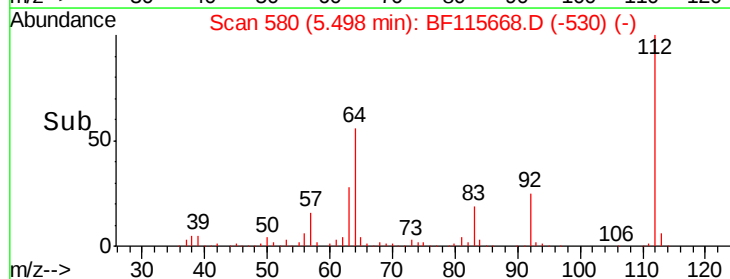
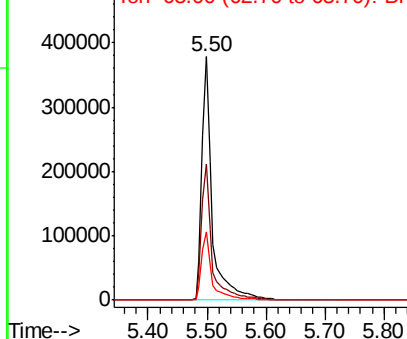


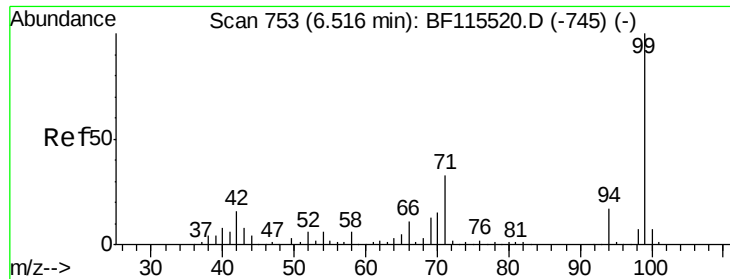
Abundance

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: 21.831 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF115668.D

Acq: 19 Jul 2019 11:13

Instrument :

BNA_F

ClientSampleId :

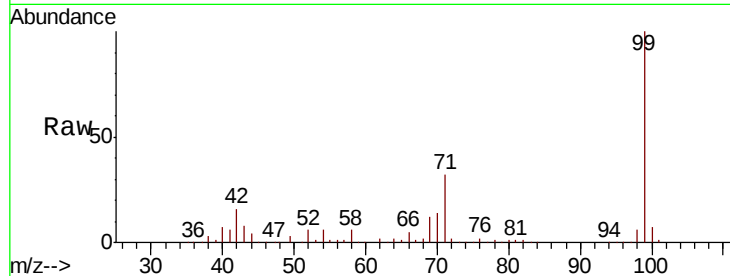
Tot Ion: 99 Resp: 339939

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

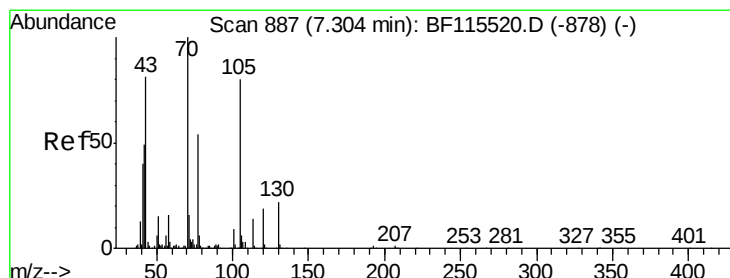
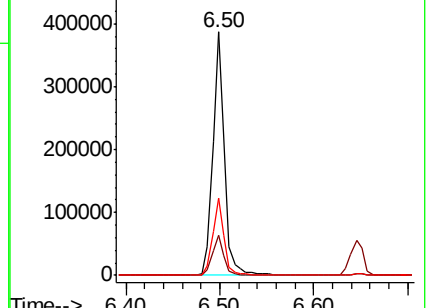
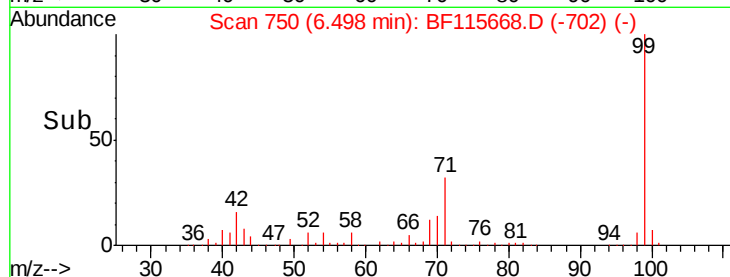
71 31.8 28.5 42.7



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: 17.175 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115668.D

Acq: 19 Jul 2019 11:13

Tgt Ion: 70 Resp: 174414

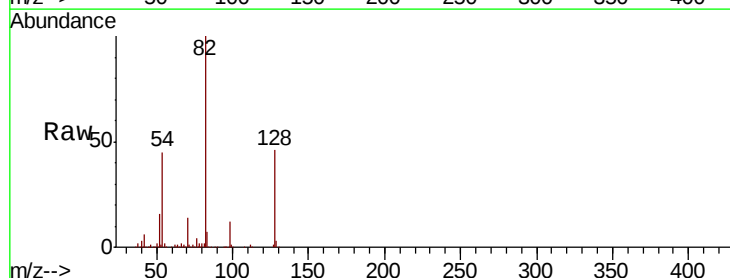
Ion Ratio Lower Upper

70 100

42 42.0 39.6 59.4

101 0.0 8.1 12.1#

130 2.2 18.2 27.2#

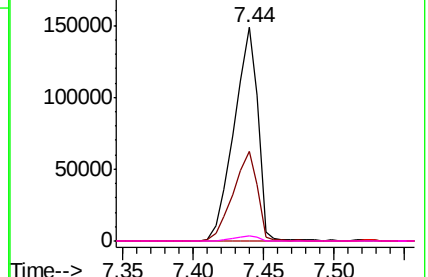
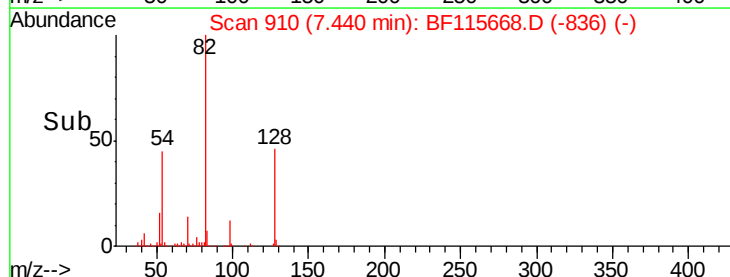


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

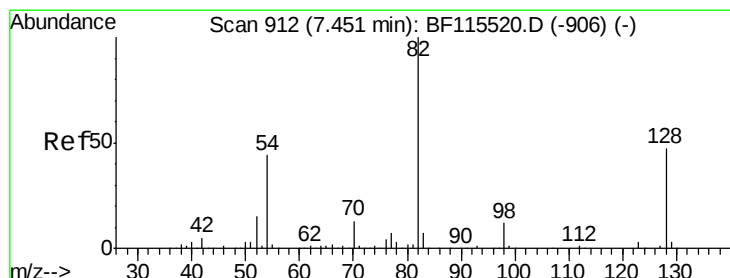
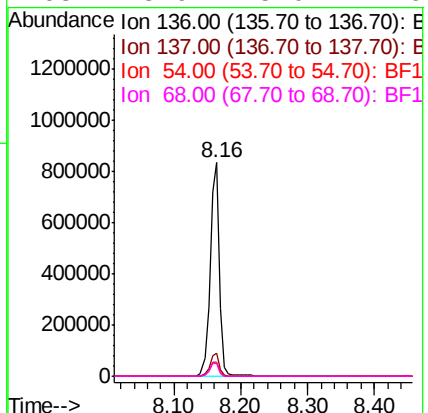
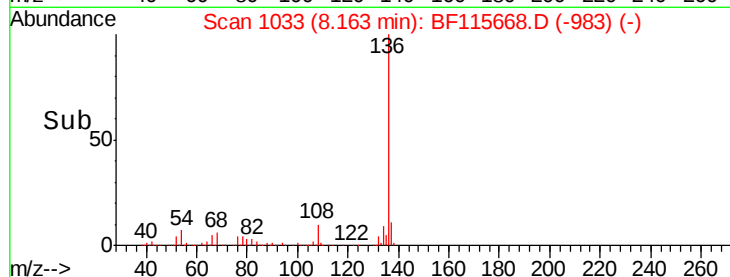
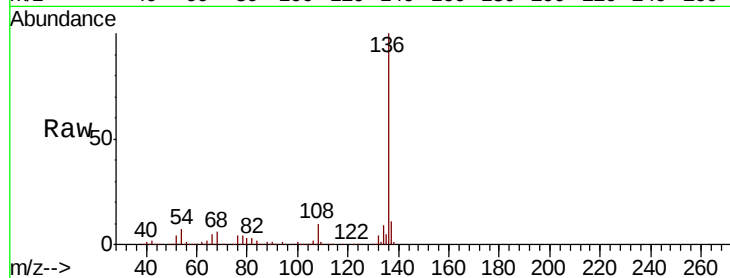




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115668.D
Acq: 19 Jul 2019 11:13

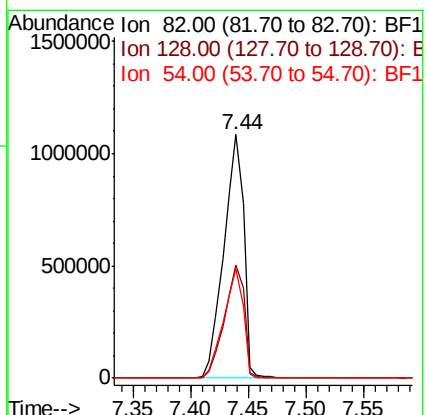
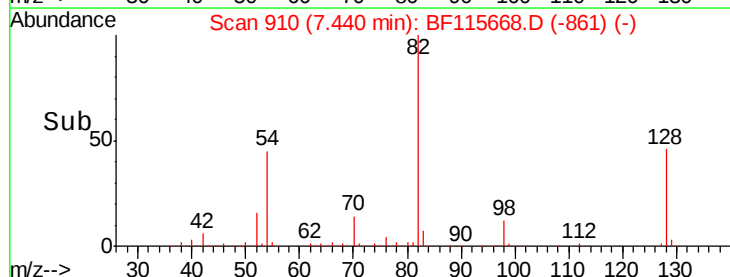
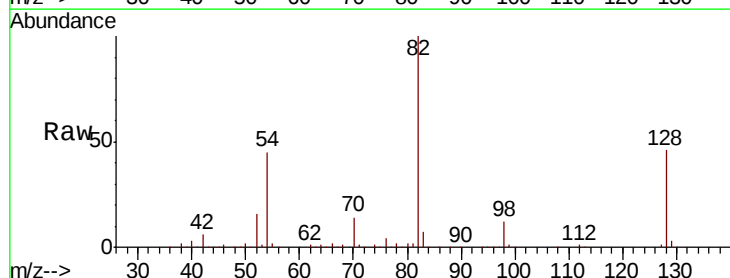
Instrument :
BNA_F
ClientSampleId :

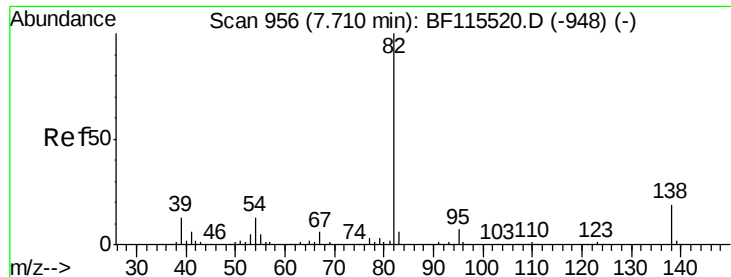
Tot Ion:136	Resp:	799429
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.0 13.4
54	6.6	5.6 8.4
68	5.9	5.0 7.6



#23
Nitrobenzene-d5
Concen: 94.187 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115668.D
Acq: 19 Jul 2019 11:13

Tgt Ion: 82	Resp:	1294926
Ion	Ratio	Lower Upper
82	100	
128	46.3	38.6 57.8
54	44.7	35.6 53.4





#25

Isophorone

Concen: 45.639 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115668.D

Acq: 19 Jul 2019 11:13

Instrument :

BNA_F

ClientSampled :

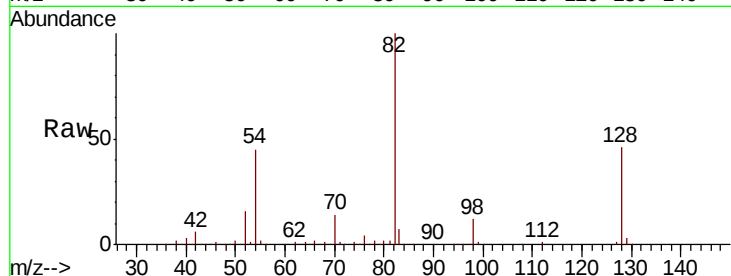
Tot Ion: 82 Resp: 1255577

Ion Ratio Lower Upper

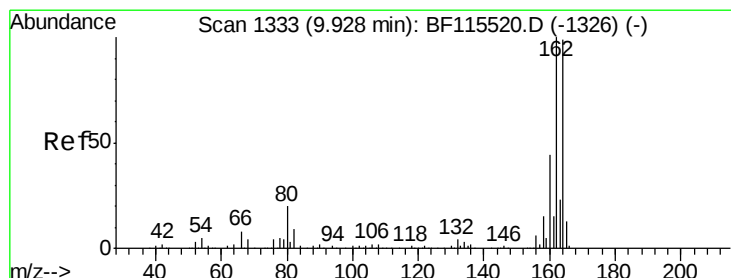
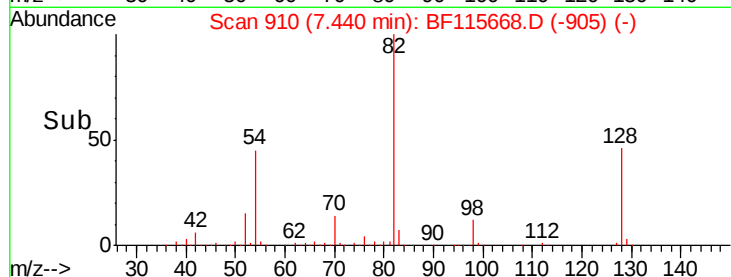
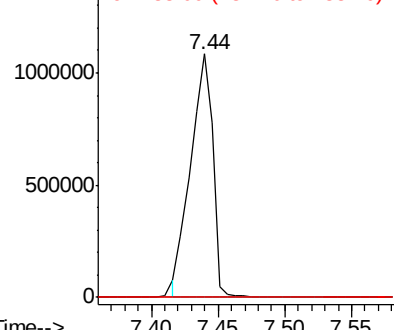
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF115668.D

Acq: 19 Jul 2019 11:13

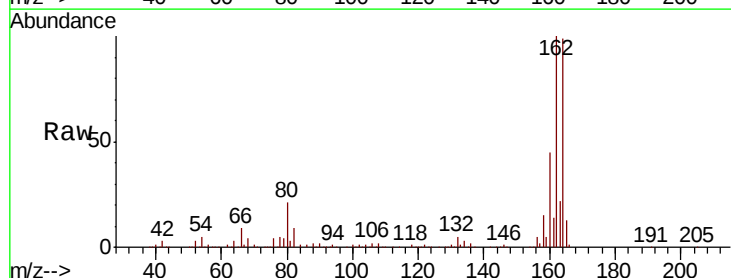
Tgt Ion:164 Resp: 417987

Ion Ratio Lower Upper

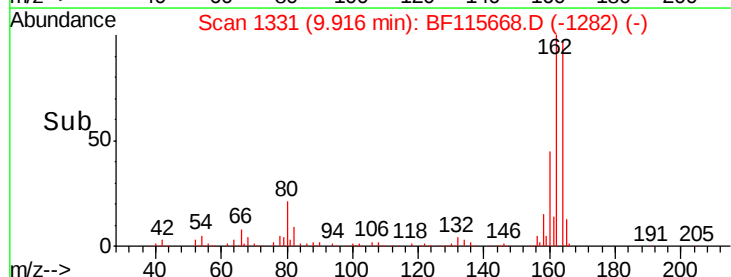
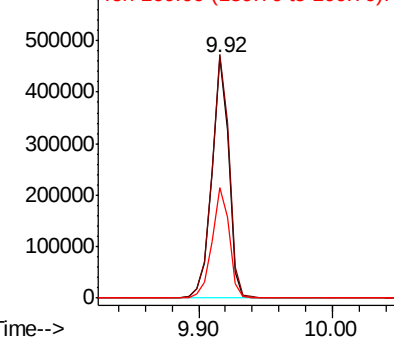
164 100

162 101.2 82.9 124.3

160 45.9 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

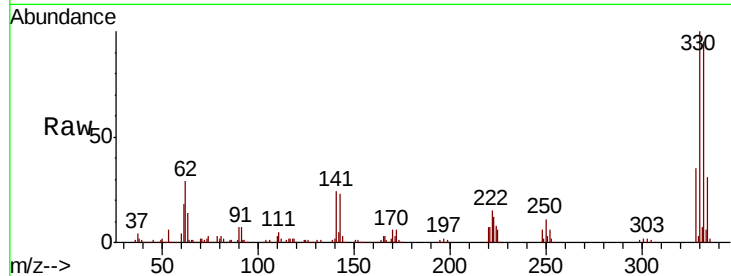




#42
 2,4,6-Tribromophenol
 Concen: 94.614 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115668.D
 Acq: 19 Jul 2019 11:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	31.1	22.4	33.6

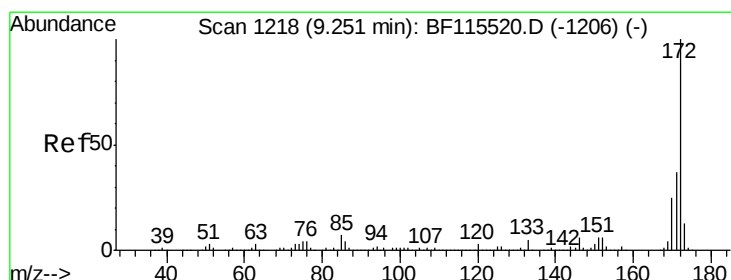
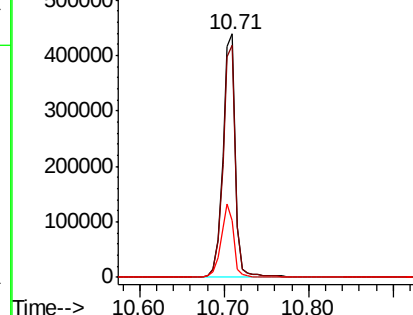
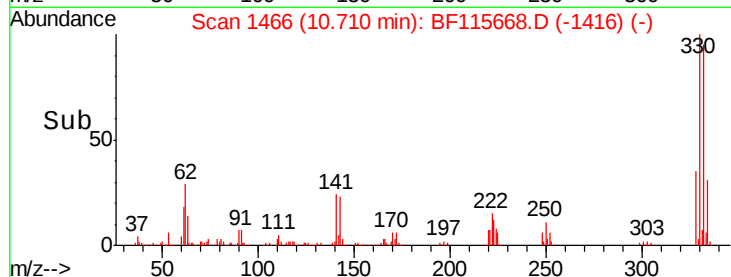


Abundance

Ion 329.80 (329.50 to 330.50): E

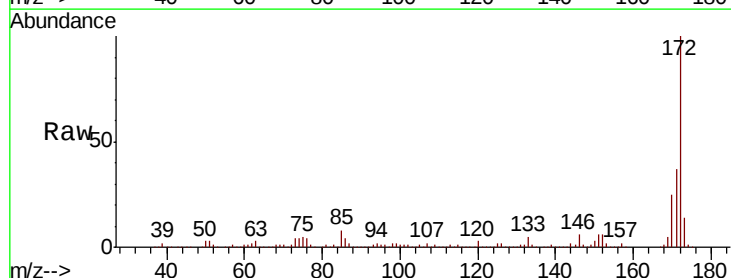
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.199 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115668.D
 Acq: 19 Jul 2019 11:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	46.0
170	25.0	20.5	30.7

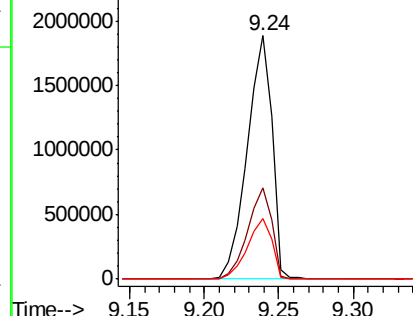
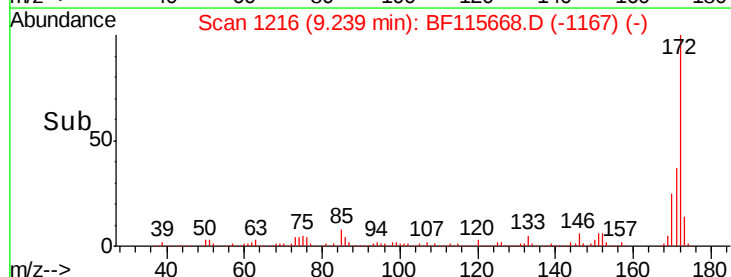


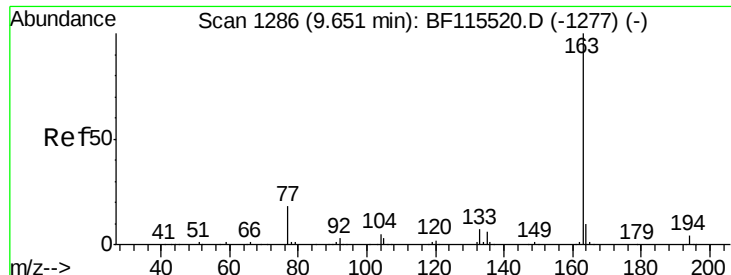
Abundance

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

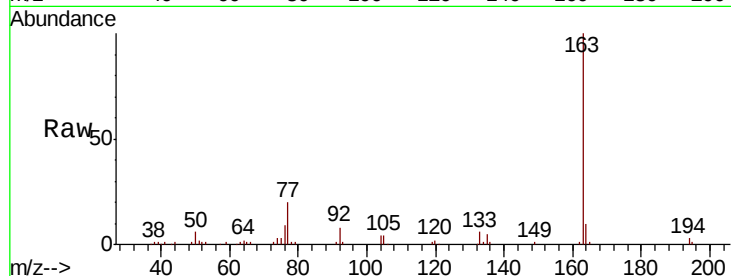




#50
Dimethylphthalate
Concen: 3.014 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115668.D
Acq: 19 Jul 2019 11:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.3	4.9
164	10.0	8.7	13.1

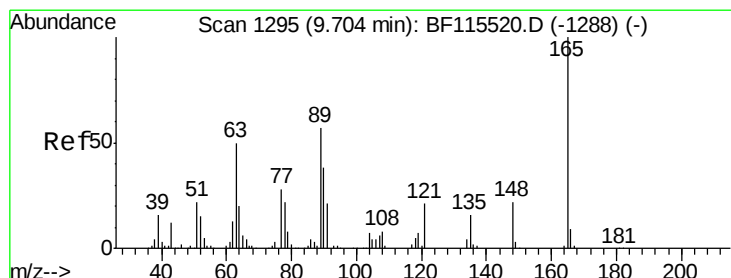
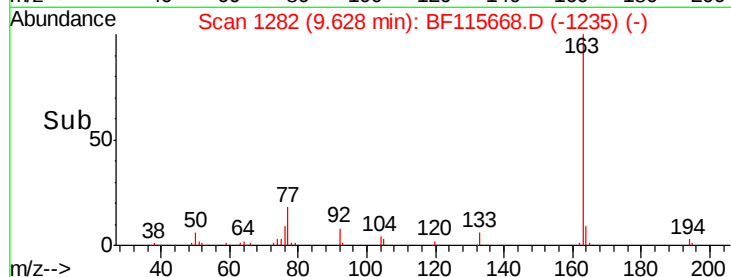
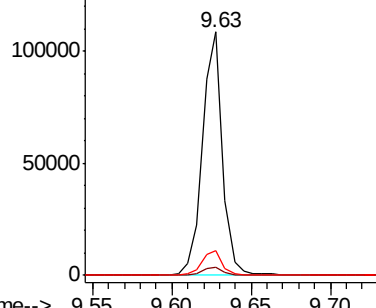


Abundance

Ion 163.00 (162.70 to 163.70): E

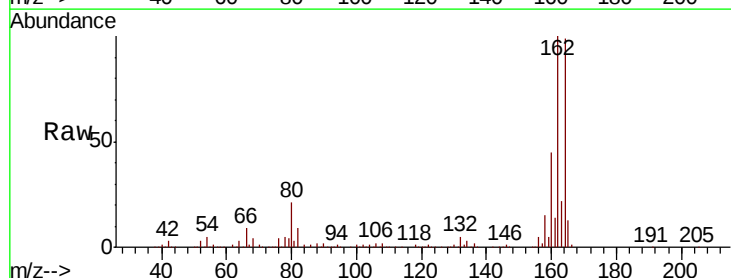
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 7.537 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF115668.D
Acq: 19 Jul 2019 11:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.6	61.0#
89	1.5	43.9	65.9#

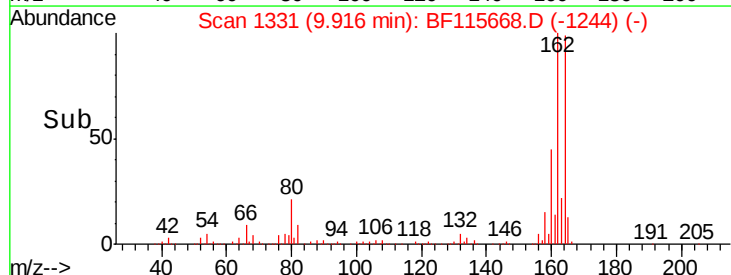
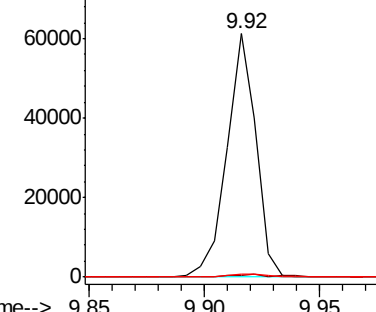


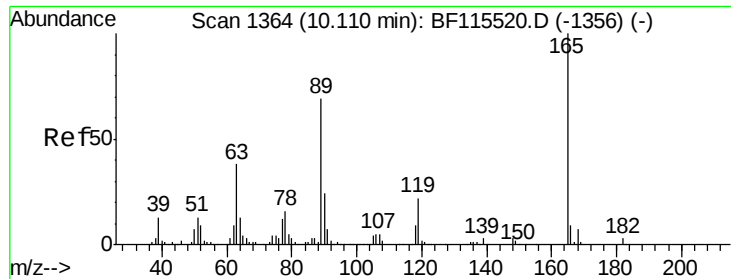
Abundance

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

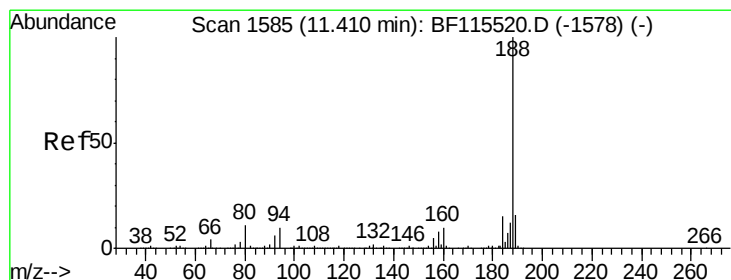
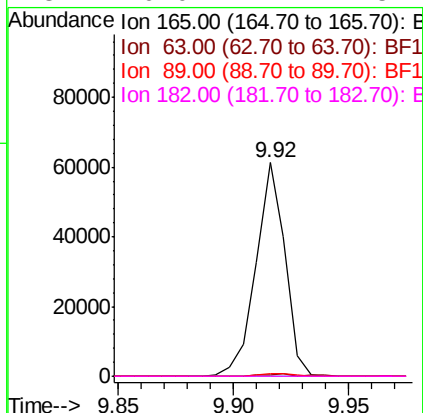
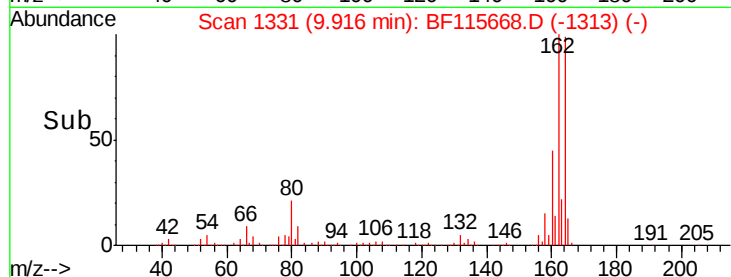
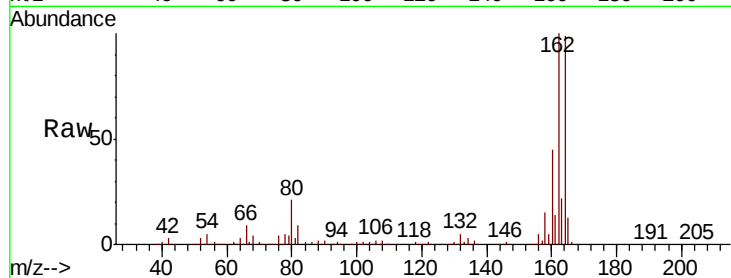




#57
 2,4-Dinitrotoluene
 Concen: 5.817 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF115668.D
 Acq: 19 Jul 2019 11:13

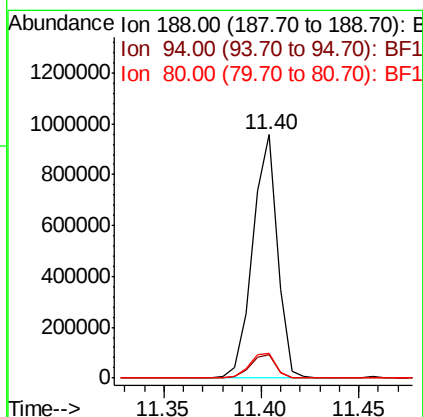
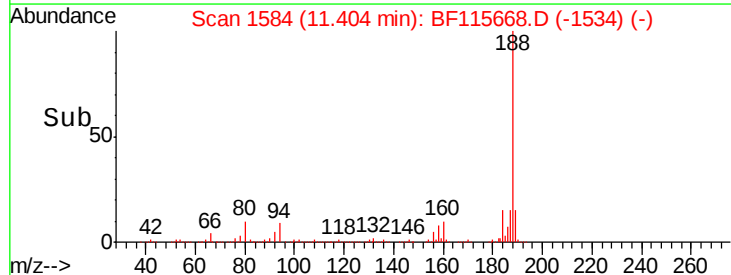
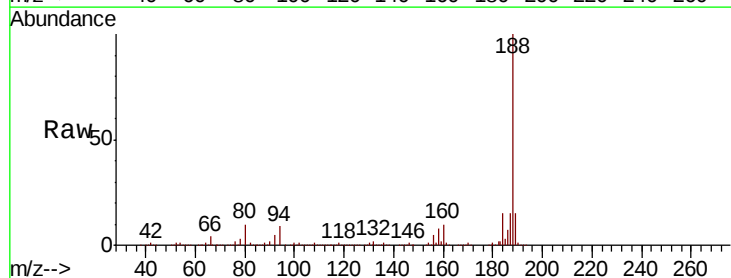
Instrument :
 BNA_F
 ClientSampleId :

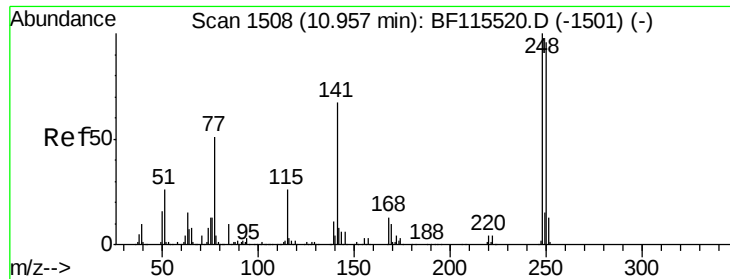
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	34.9	52.3#
89	1.5	57.5	86.3#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF115668.D
 Acq: 19 Jul 2019 11:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.8	11.6
80	10.4	8.6	13.0

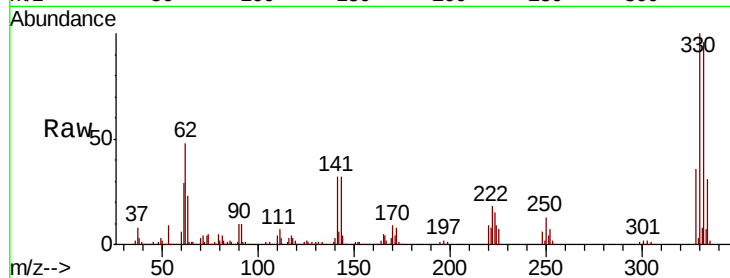




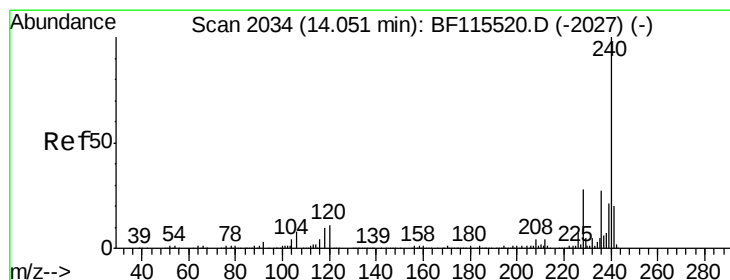
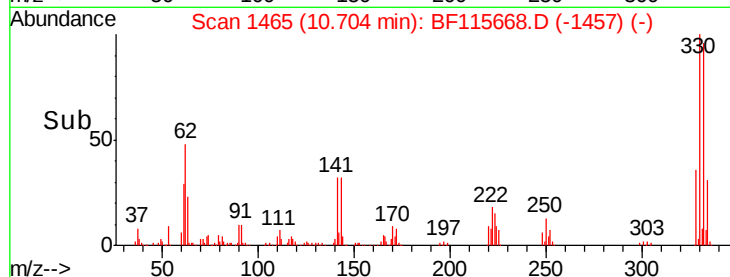
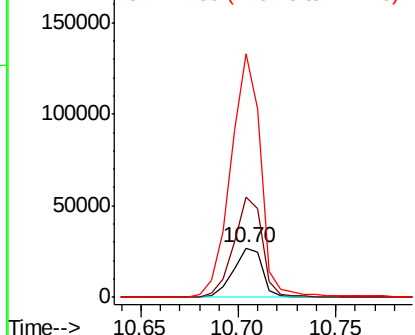
#67
4-Bromophenyl-phenylether
Concen: 2.906 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF115668.D
Acq: 19 Jul 2019 11:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 28006
Ion Ratio Lower Upper
248 100
250 203.3 78.0 117.0#
141 495.0 57.7 86.5#

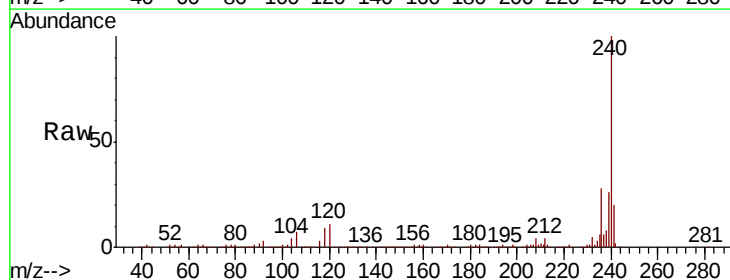


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

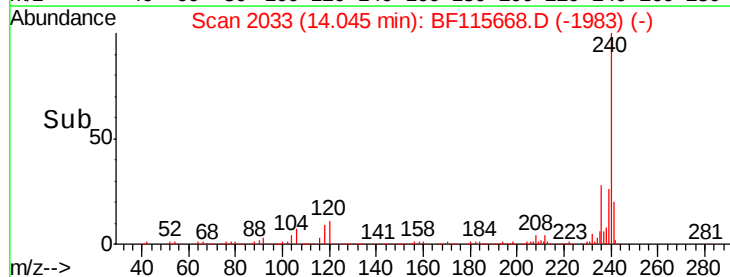
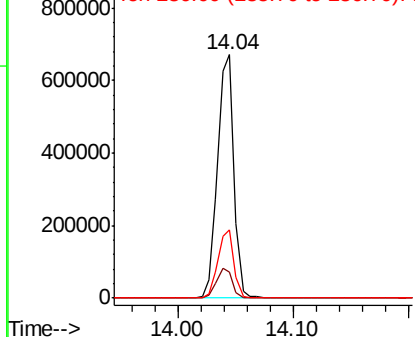


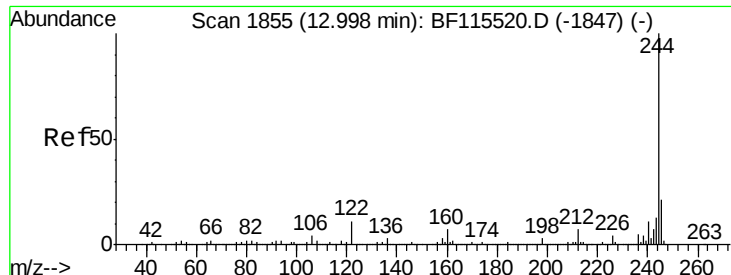
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115668.D
Acq: 19 Jul 2019 11:13

Tgt Ion:240 Resp: 659561
Ion Ratio Lower Upper
240 100
120 10.7 8.6 13.0
236 28.0 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: 65.865 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115668.D

Acq: 19 Jul 2019 11:13

Instrument :

BNA_F

ClientSampleId :

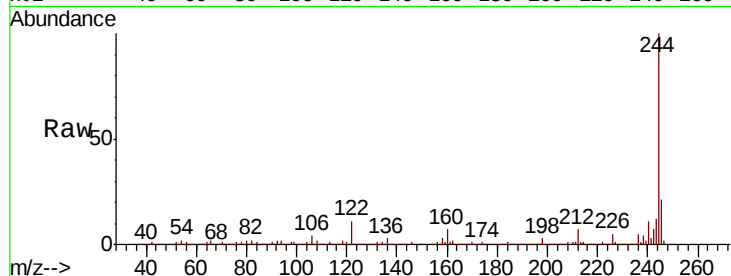
Tot Ion:244 Resp: 2354354

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

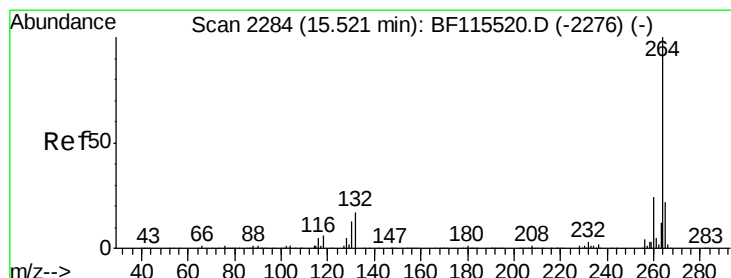
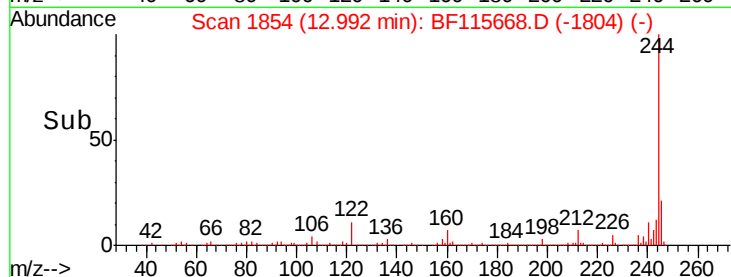
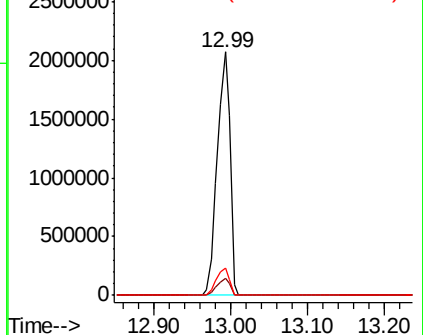
122 11.1 8.6 12.8



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

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BF115668.D

Acq: 19 Jul 2019 11:13

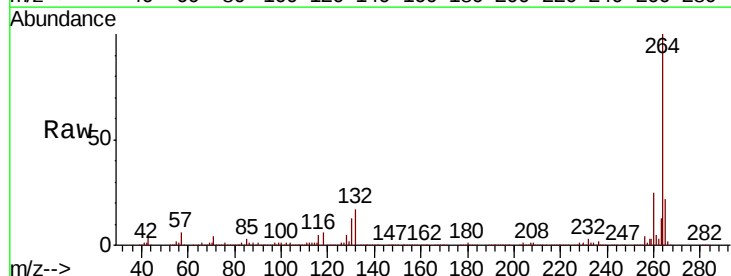
Tgt Ion:264 Resp: 675471

Ion Ratio Lower Upper

264 100

260 25.0 19.8 29.8

265 22.0 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

