

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
 Data File : BF115319.D
 Acq On : 29 Jun 2019 13:34
 Operator : HP/JU
 Sample : K3554-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-11

Quant Time: Jun 30 01:44:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

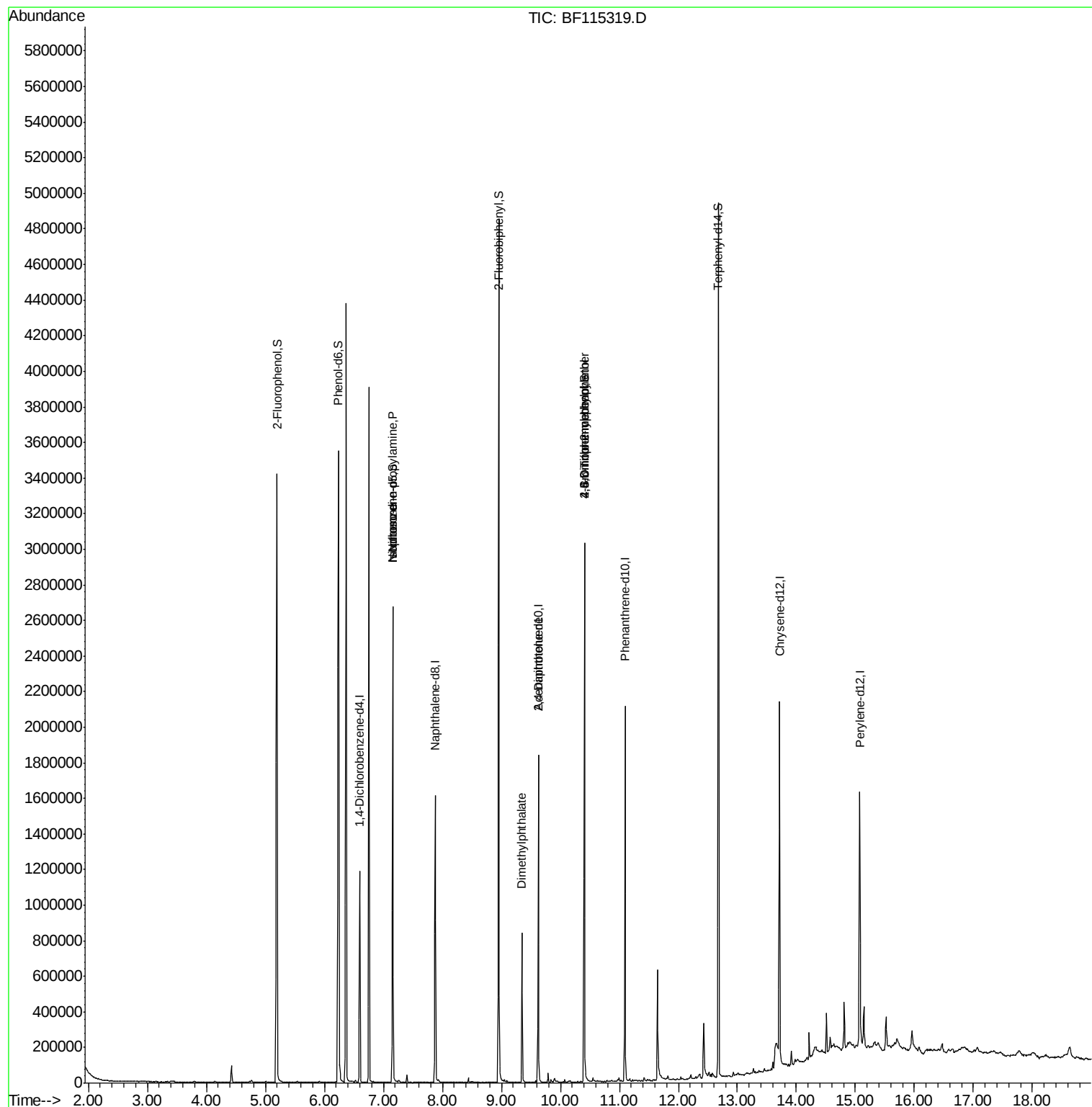
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	177602	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	690677	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	339930	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	703109	20.00	ng	0.00
76) Chrysene-d12	13.71	240	605595	20.00	ng	0.00
87) Perylene-d12	15.08	264	619912	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1118445	97.18	ng	0.00
7) Phenol-d6	6.24	99	1419556	101.62	ng	0.00
23) Nitrobenzene-d5	7.16	82	828195	73.76	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	405801	113.20	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	1524772	76.19	ng	0.00
79) Terphenyl-d14	12.68	244	1826389	64.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	108184	12.097	ng	# 77
25) Isophorone	7.16	82	828189	36.008	ng	# 63
50) Dimethylphthalate	9.35	163	323378	12.930	ng	# 99
57) 2,4-Dinitrotoluene	9.62	165	43111	5.783	ng	# 30
58) Fluorene	10.40	166	18847	Below Cal		# 91
65) 4,6-Dinitro-2-methylphenol	10.41	198	874	5.169	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	25119	3.295	ng	# 1

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

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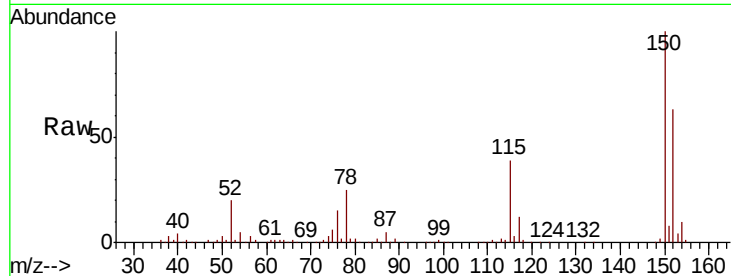


#1

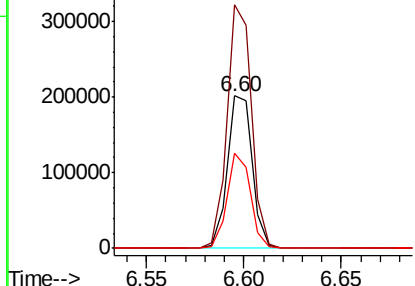
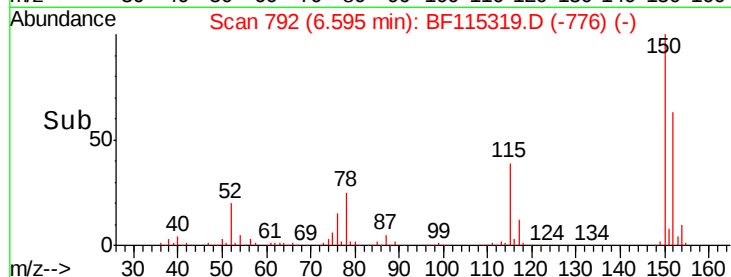
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115319.D
Acq: 29 Jun 2019 13:34

Instrument :
BNA_F
ClientSampleId :
SAMPLE-11

Tgt Ion:152 Resp: 177602
Ion Ratio Lower Upper
152 100
150 159.5 124.2 186.2
115 62.0 46.1 69.1



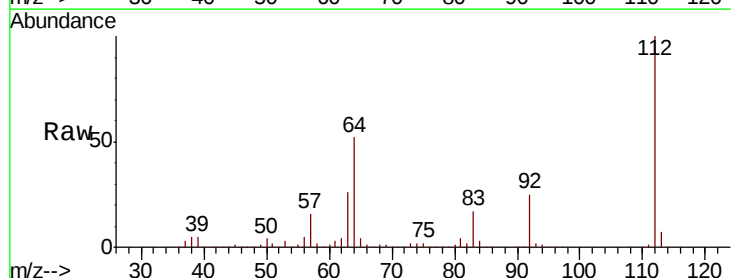
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



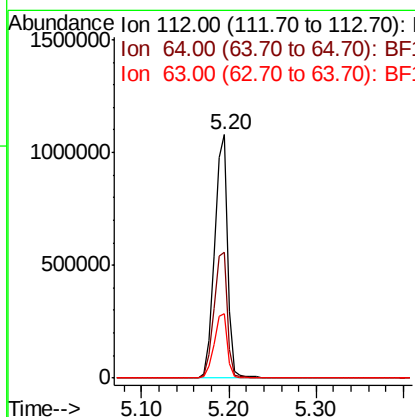
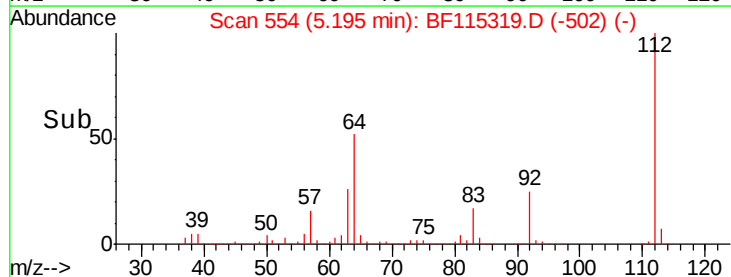
#5

2-Fluorophenol
Concen: 97.181 ng
RT: 5.20 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF115319.D
Acq: 29 Jun 2019 13:34

Tgt Ion:112 Resp: 1118445
Ion Ratio Lower Upper
112 100
64 51.8 43.8 65.6
63 26.4 22.2 33.4



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: 101.622 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115319.D

Acq: 29 Jun 2019 13:34

Instrument :

BNA_F

ClientSampleId :

SAMPLE-11

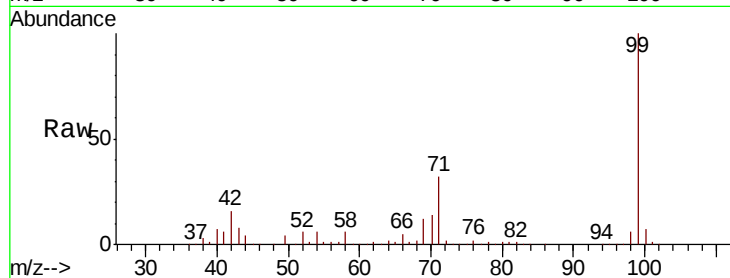
Tgt Ion: 99 Resp: 1419556

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

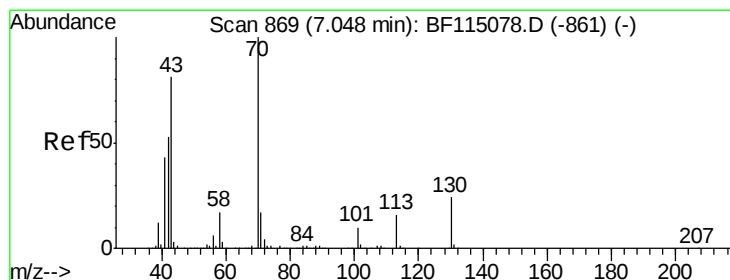
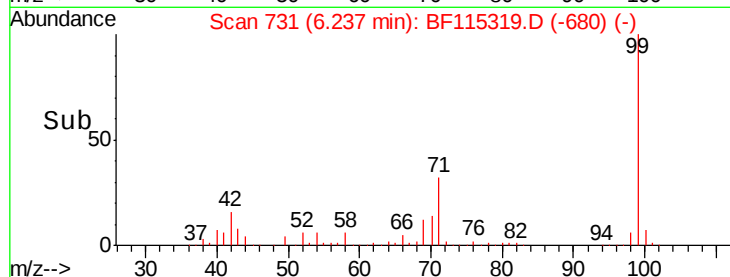
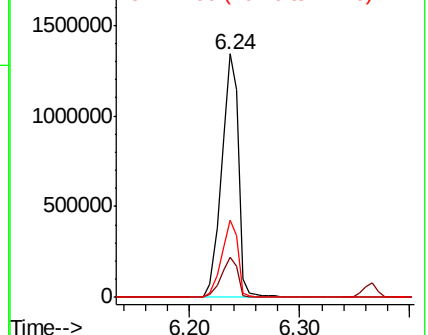
71 31.8 25.5 38.3



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: 12.097 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF115319.D

Acq: 29 Jun 2019 13:34

Tgt Ion: 70 Resp: 108184

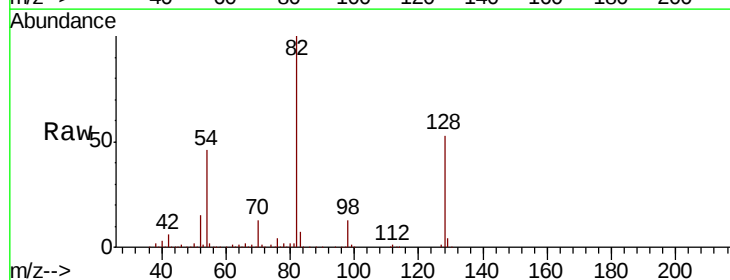
Ion Ratio Lower Upper

70 100

42 44.2 42.6 63.8

101 0.0 8.0 12.0#

130 2.4 19.4 29.0#

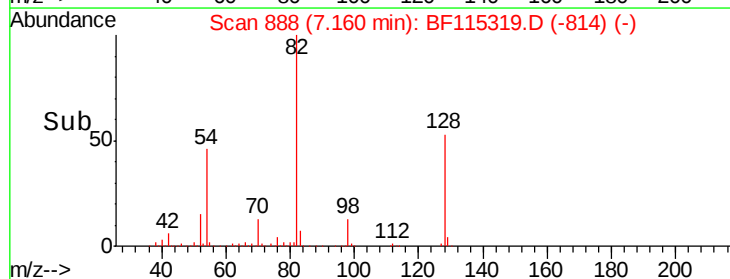
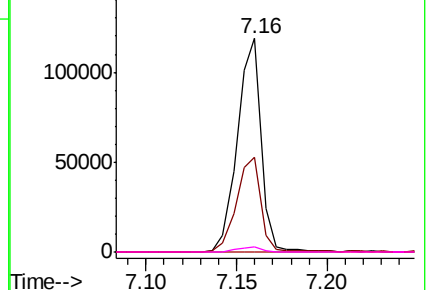


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

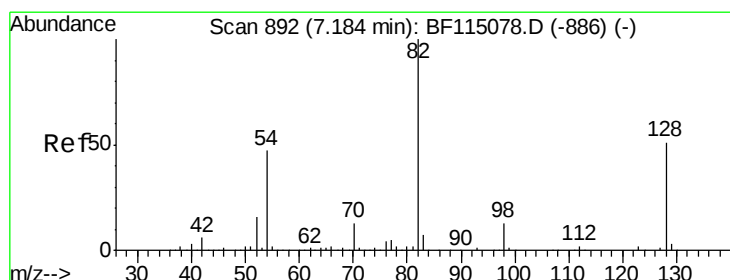
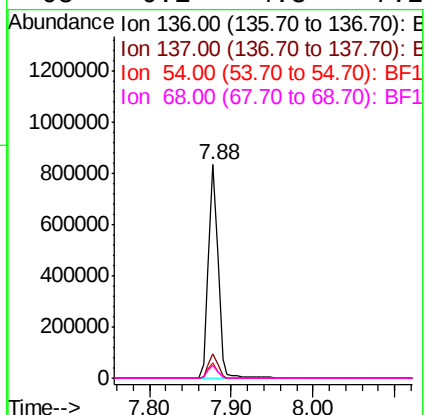
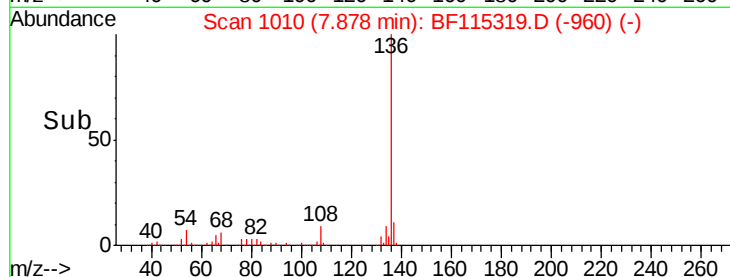
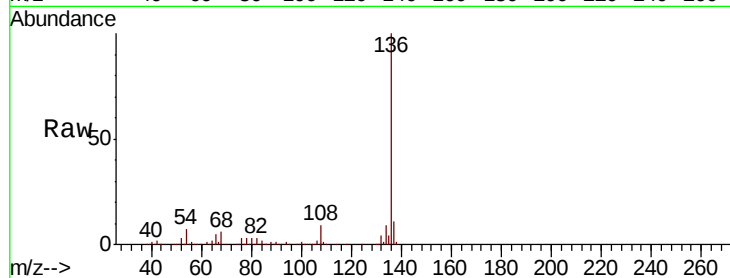




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115319.D
Acq: 29 Jun 2019 13:34

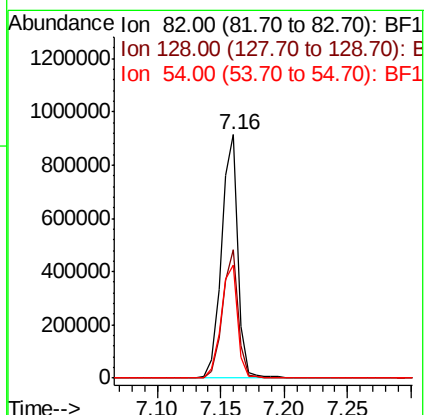
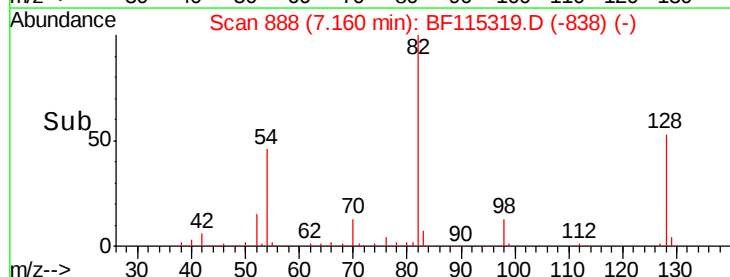
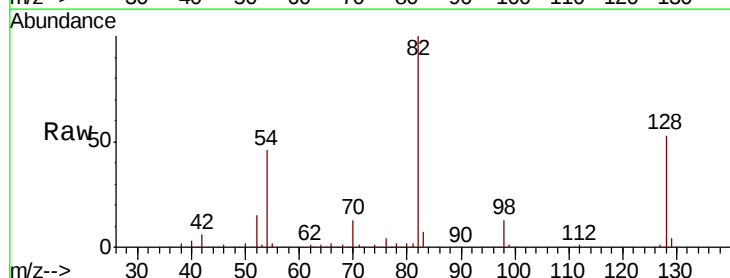
Instrument :
BNA_F
ClientSampleId :
SAMPLE-11

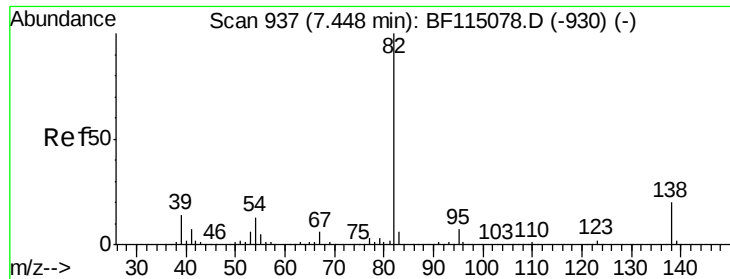
Tgt Ion:	136	Resp:	690677
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.0	5.6	8.4
68	6.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 73.763 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115319.D
Acq: 29 Jun 2019 13:34

Tgt Ion:	82	Resp:	828195
Ion	Ratio	Lower	Upper
82	100		
128	52.7	40.4	60.6
54	46.2	37.5	56.3





#25

Isophorone

Concen: 36.008 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF115319.D

Acq: 29 Jun 2019 13:34

Instrument :

BNA_F

ClientSampleId :

SAMPLE-11

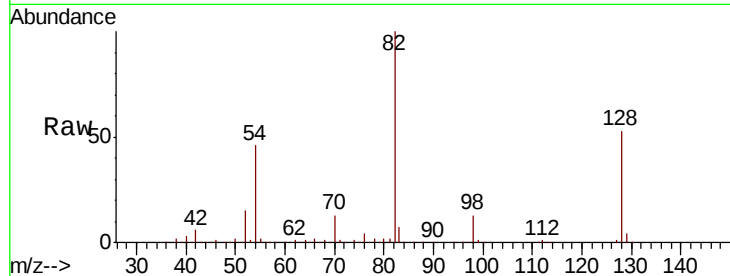
Tgt Ion: 82 Resp: 828189

Ion Ratio Lower Upper

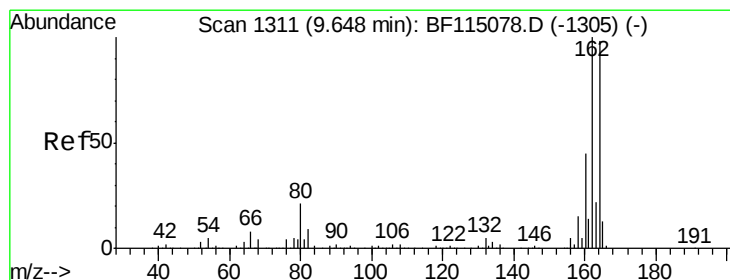
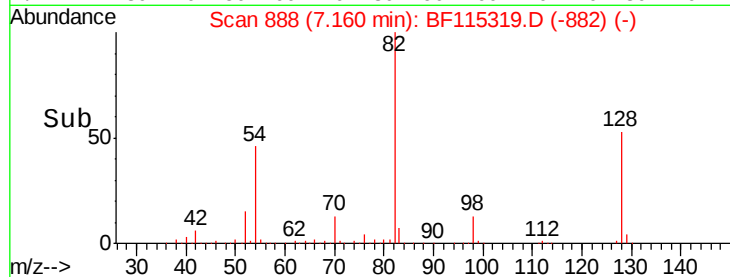
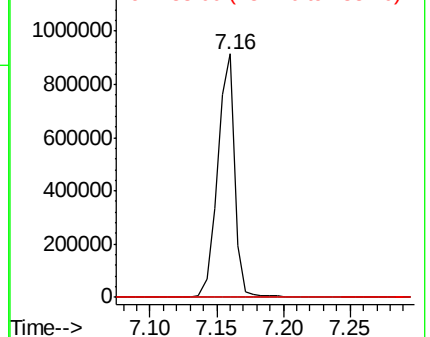
82 100

95 0.0 5.4 8.2#

138 0.0 15.9 23.9#



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: 9.62 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF115319.D

Acq: 29 Jun 2019 13:34

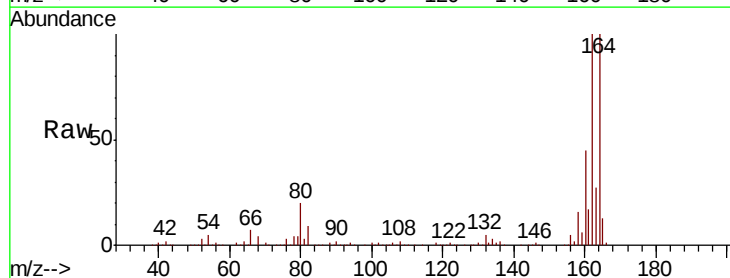
Tgt Ion: 164 Resp: 339930

Ion Ratio Lower Upper

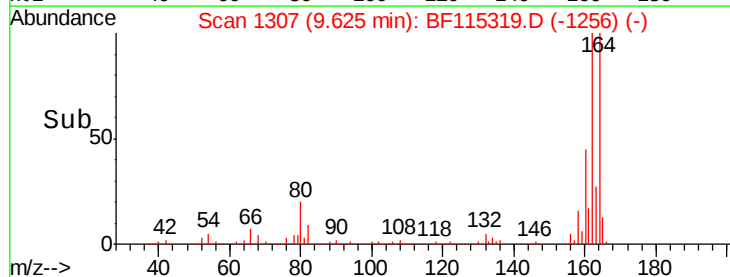
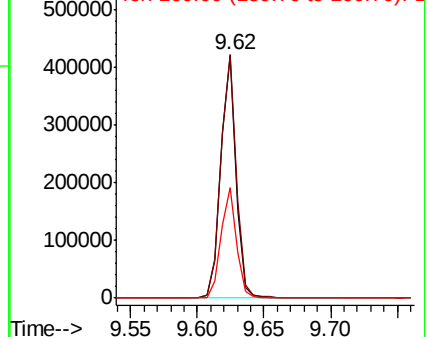
164 100

162 100.4 81.7 122.5

160 45.5 37.0 55.4



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

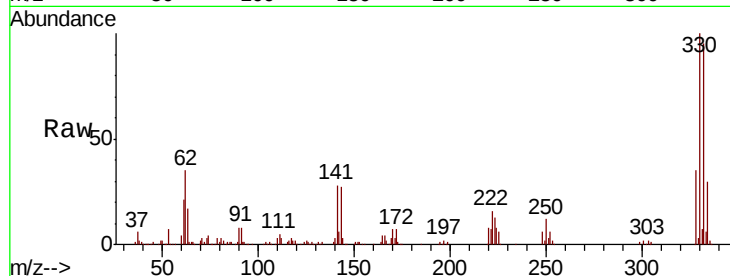




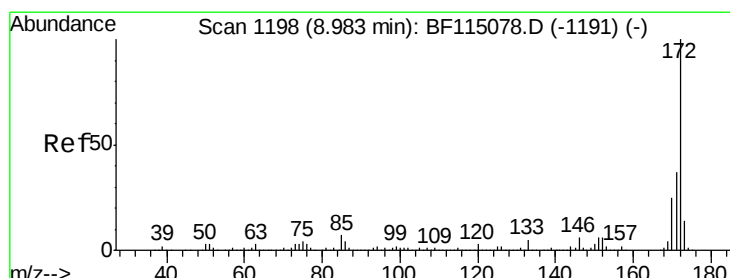
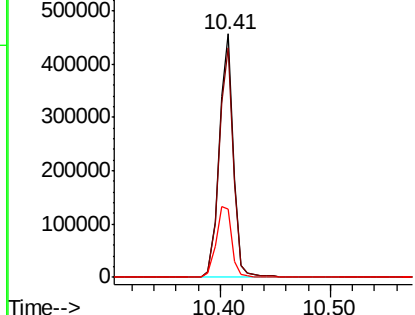
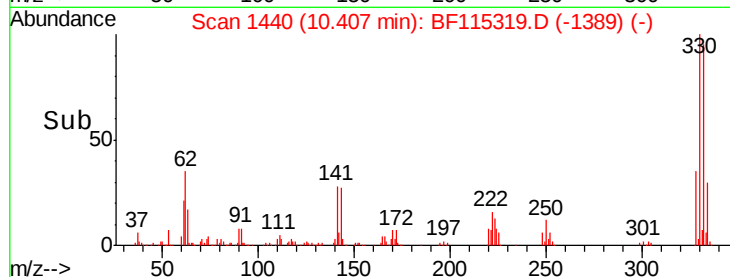
#42
 2,4,6-Tribromophenol
 Concen: 113.204 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115319.D
 Acq: 29 Jun 2019 13:34

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-11

Tgt Ion:330 Resp: 405801
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 32.4 28.2 42.2

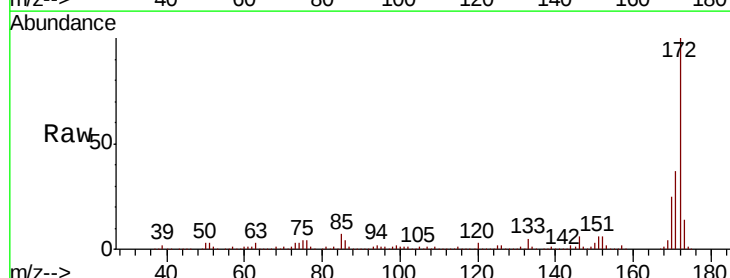


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

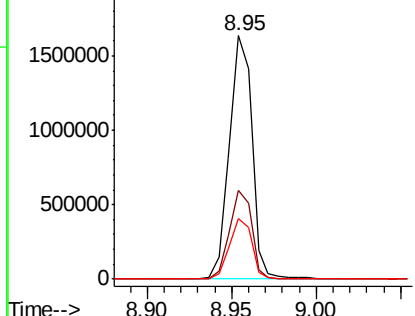
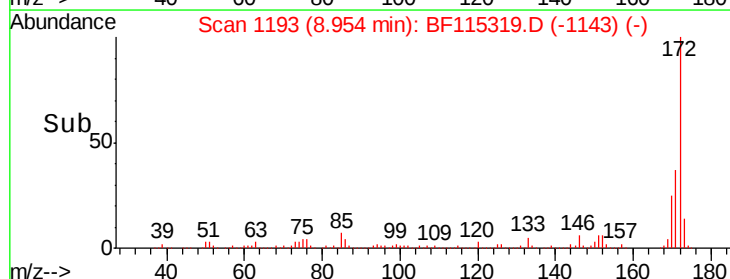


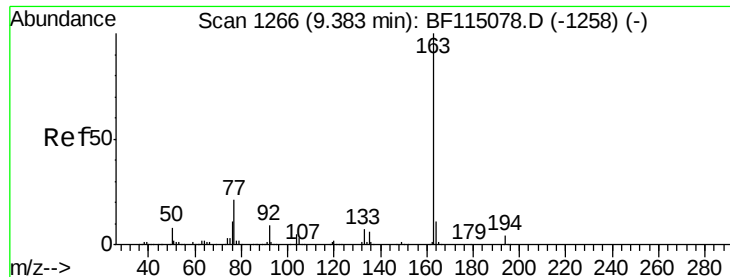
#45
 2-Fluorobiphenyl
 Concen: 76.192 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115319.D
 Acq: 29 Jun 2019 13:34

Tgt Ion:172 Resp: 1524772
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.8 44.6
 170 24.7 20.3 30.5



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

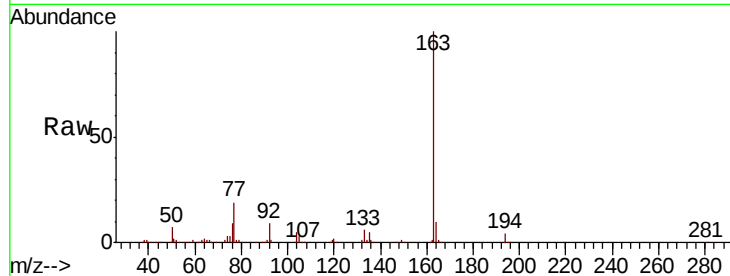




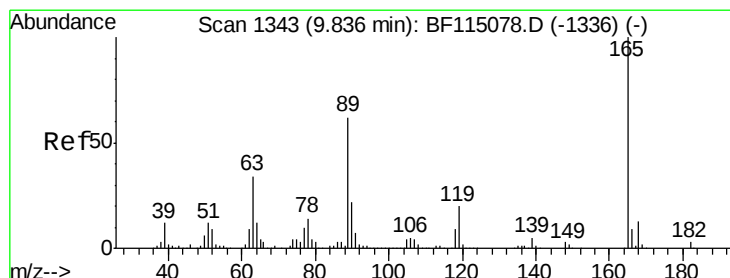
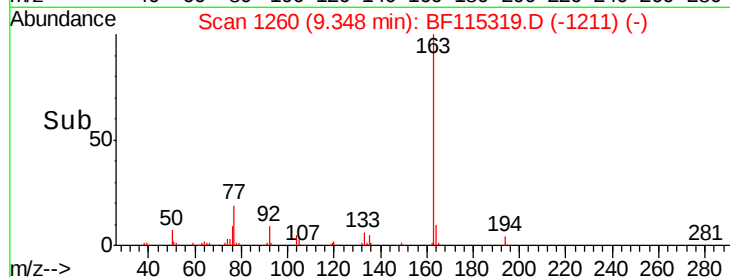
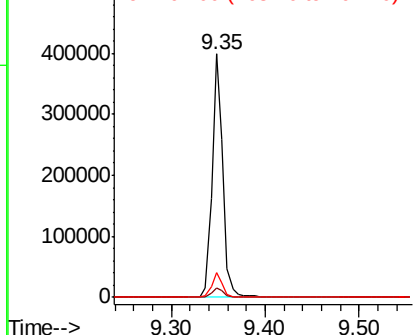
#50
Dimethylphthalate
Concen: 12.930 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115319.D
Acq: 29 Jun 2019 13:34

Instrument :
BNA_F
ClientSampleId :
SAMPLE-11

Tgt Ion:163 Resp: 323378
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.3 8.6 13.0

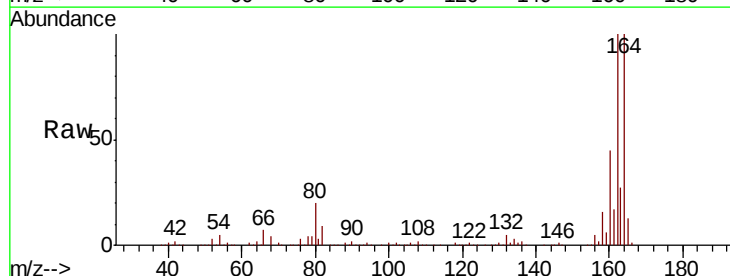


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

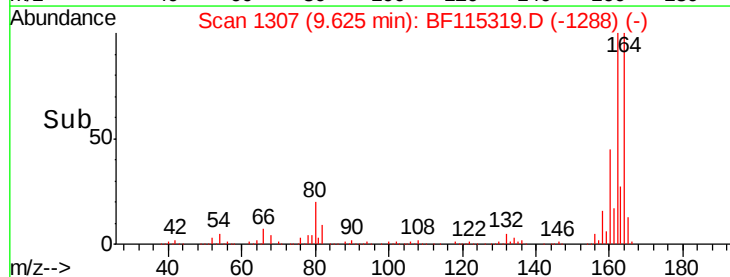
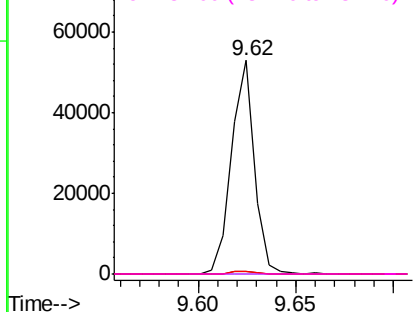


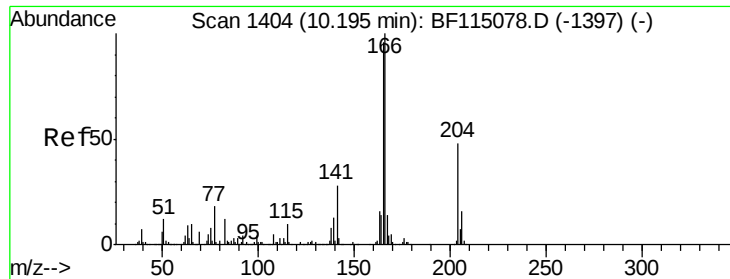
#57
2,4-Dinitrotoluene
Concen: 5.783 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF115319.D
Acq: 29 Jun 2019 13:34

Tgt Ion:165 Resp: 43111
Ion Ratio Lower Upper
165 100
63 1.1 27.5 41.3#
89 1.3 49.9 74.9#
182 0.0 2.1 3.1#



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





#58

Fluorene

Concen: Below Cal

RT: 10.40 min Scan# 1439

Delta R.T. 0.23 min

Lab File: BF115319.D

Acq: 29 Jun 2019 13:34

Instrument :

BNA_F

ClientSampled :

SAMPLE-11

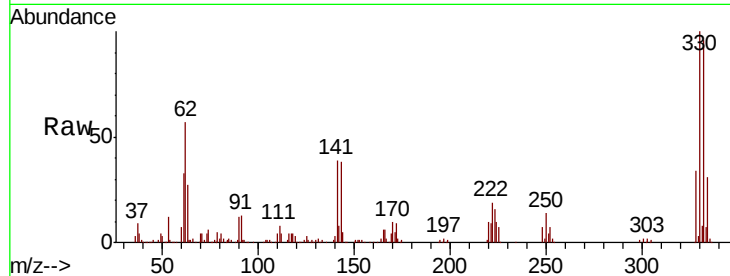
Tgt Ion:166 Resp: 18847

Ion Ratio Lower Upper

166 100

165 98.9 76.5 114.7

167 32.9 11.0 16.4#

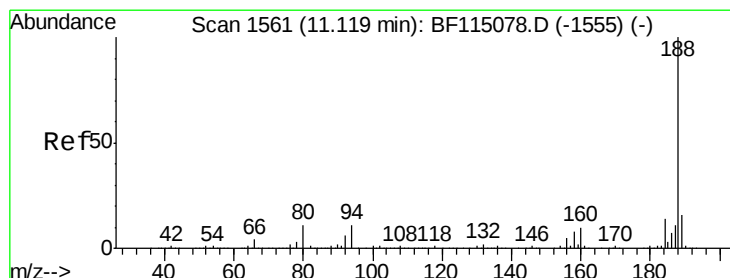
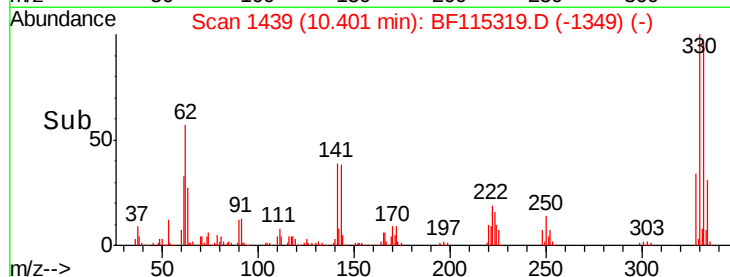
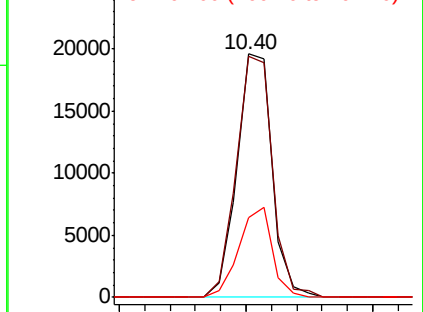


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF115319.D

Acq: 29 Jun 2019 13:34

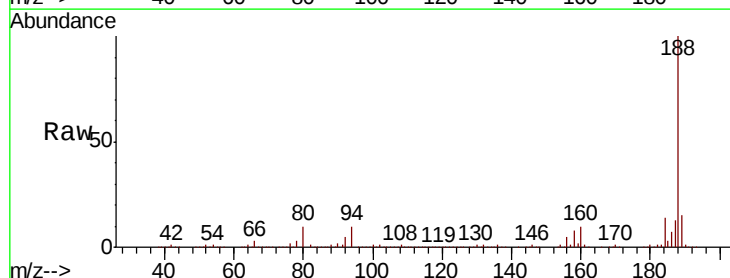
Tgt Ion:188 Resp: 703109

Ion Ratio Lower Upper

188 100

94 9.8 8.6 12.8

80 9.9 8.8 13.2

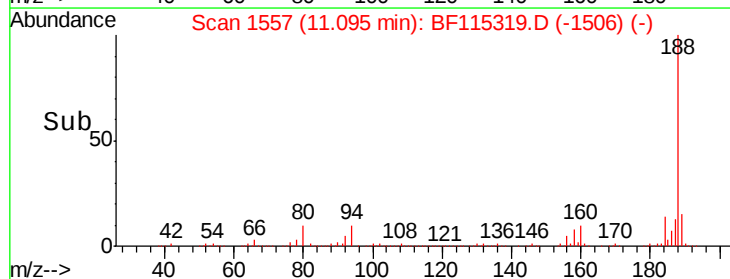
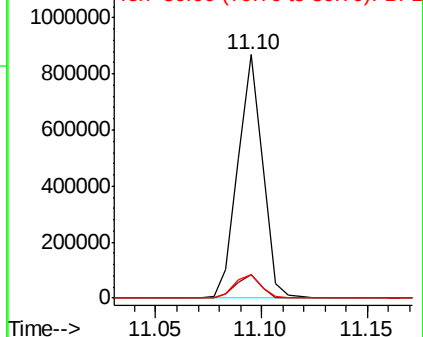


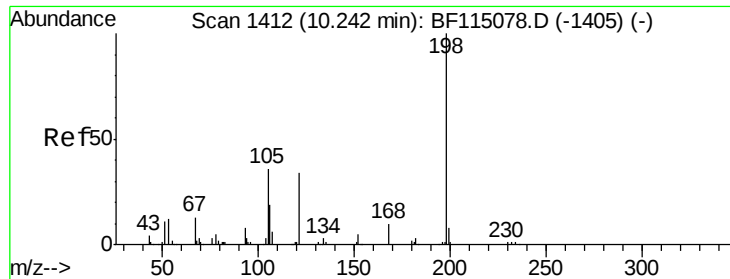
Abundance

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

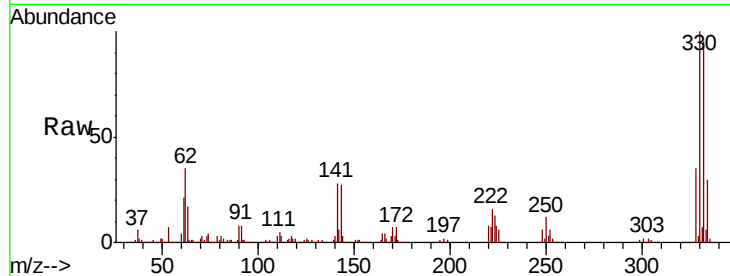




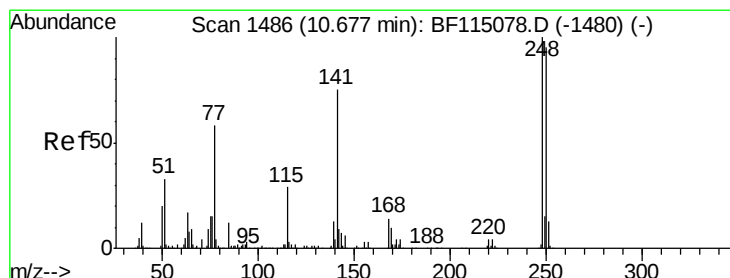
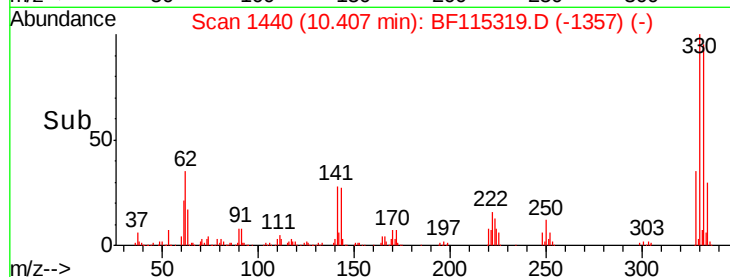
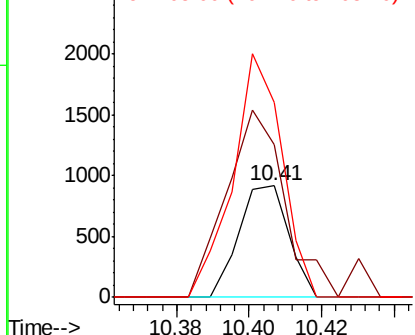
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.169 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.19 min
 Lab File: BF115319.D
 Acq: 29 Jun 2019 13:34

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-11

Tgt Ion:198 Resp: 874
 Ion Ratio Lower Upper
 198 100
 51 137.8 11.0 51.0#
 105 175.0 17.3 57.3#

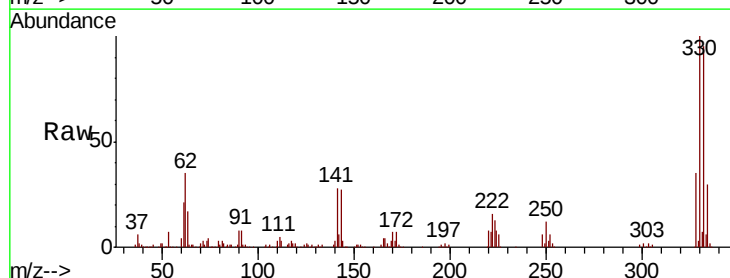


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

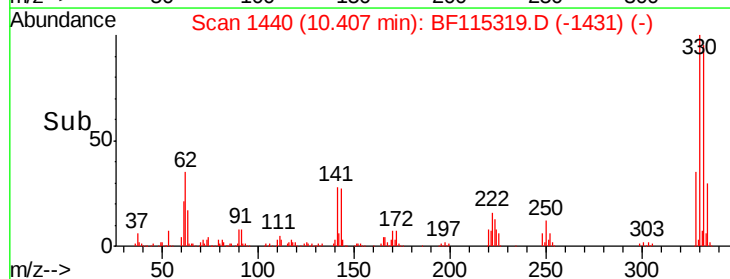
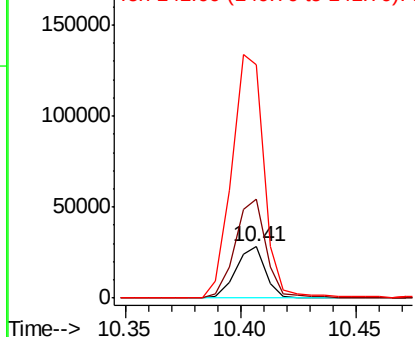


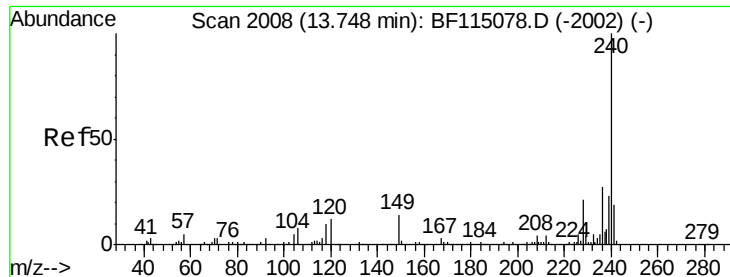
#67
 4-Bromophenyl-phenylether
 Concen: 3.295 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF115319.D
 Acq: 29 Jun 2019 13:34

Tgt Ion:248 Resp: 25119
 Ion Ratio Lower Upper
 248 100
 250 194.9 76.2 114.2#
 141 457.7 59.6 89.4#



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: 13.71 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF115319.D

Acq: 29 Jun 2019 13:34

Instrument :

BNA_F

ClientSampleId :

SAMPLE-11

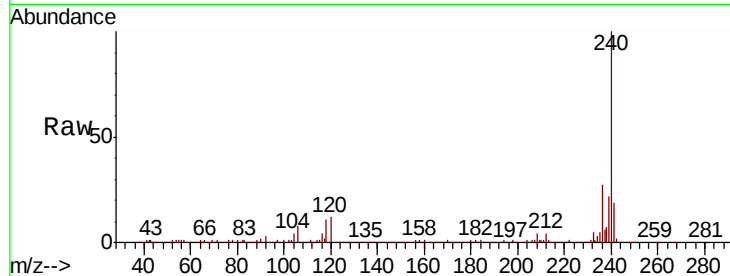
Tgt Ion:240 Resp: 605595

Ion Ratio Lower Upper

240 100

120 12.4 9.4 14.2

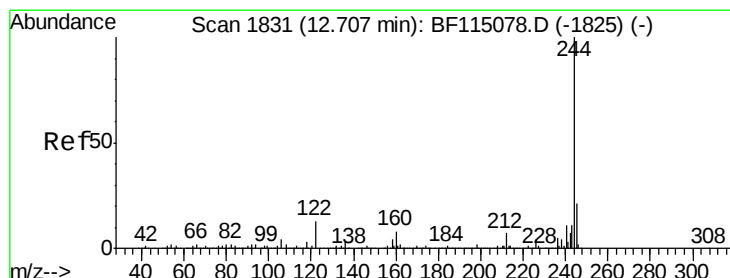
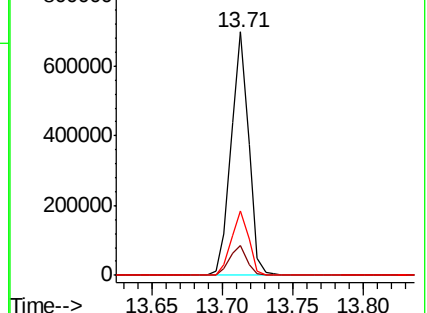
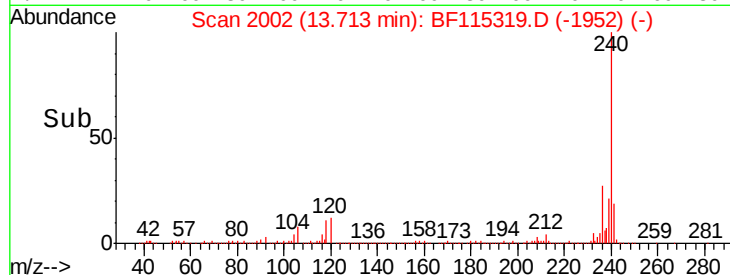
236 26.6 21.7 32.5



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: 64.122 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF115319.D

Acq: 29 Jun 2019 13:34

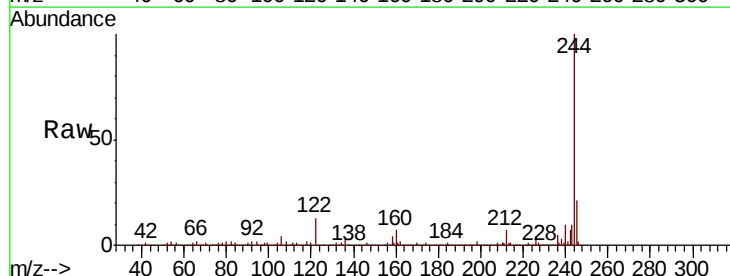
Tgt Ion:244 Resp: 1826389

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

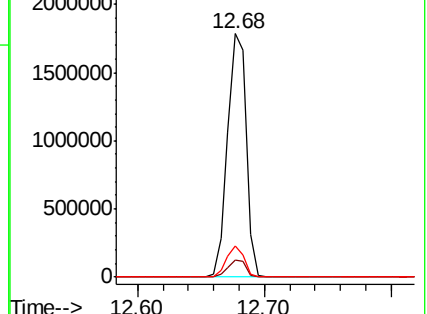
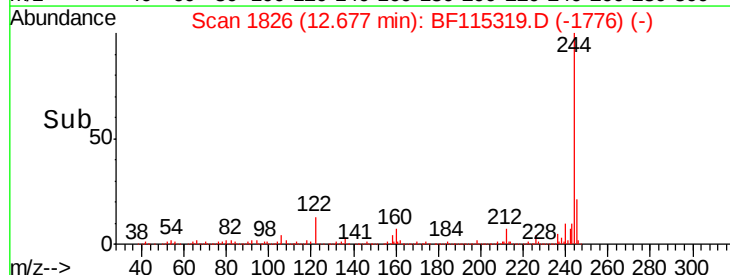
122 12.8 10.4 15.6

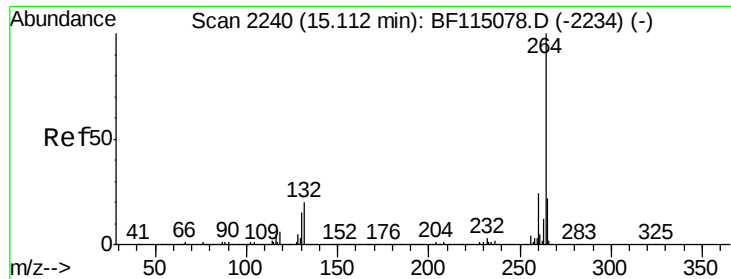


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.08 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF115319.D
Acq: 29 Jun 2019 13:34

Instrument :
BNA_F
ClientSampleId :
SAMPLE-11

Tgt Ion: 264 Resp: 619912
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 21.5 17.3 25.9

