

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
 Data File : BF115311.D
 Acq On : 29 Jun 2019 9:41
 Operator : HP/JU
 Sample : PB121004BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BL

Quant Time: Jun 30 01:41:13 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	234333	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	881774	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	440505	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	868057	20.00	ng	0.00
76) Chrysene-d12	13.71	240	670530	20.00	ng	0.00
87) Perylene-d12	15.08	264	718394	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	1637702	107.85	ng	0.02
7) Phenol-d6	6.24	99	2034128	110.36	ng	0.00
23) Nitrobenzene-d5	7.16	82	1269670	88.58	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	592941	127.64	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2345821	90.46	ng	0.00
79) Terphenyl-d14	12.68	244	2579534	81.79	ng	0.00

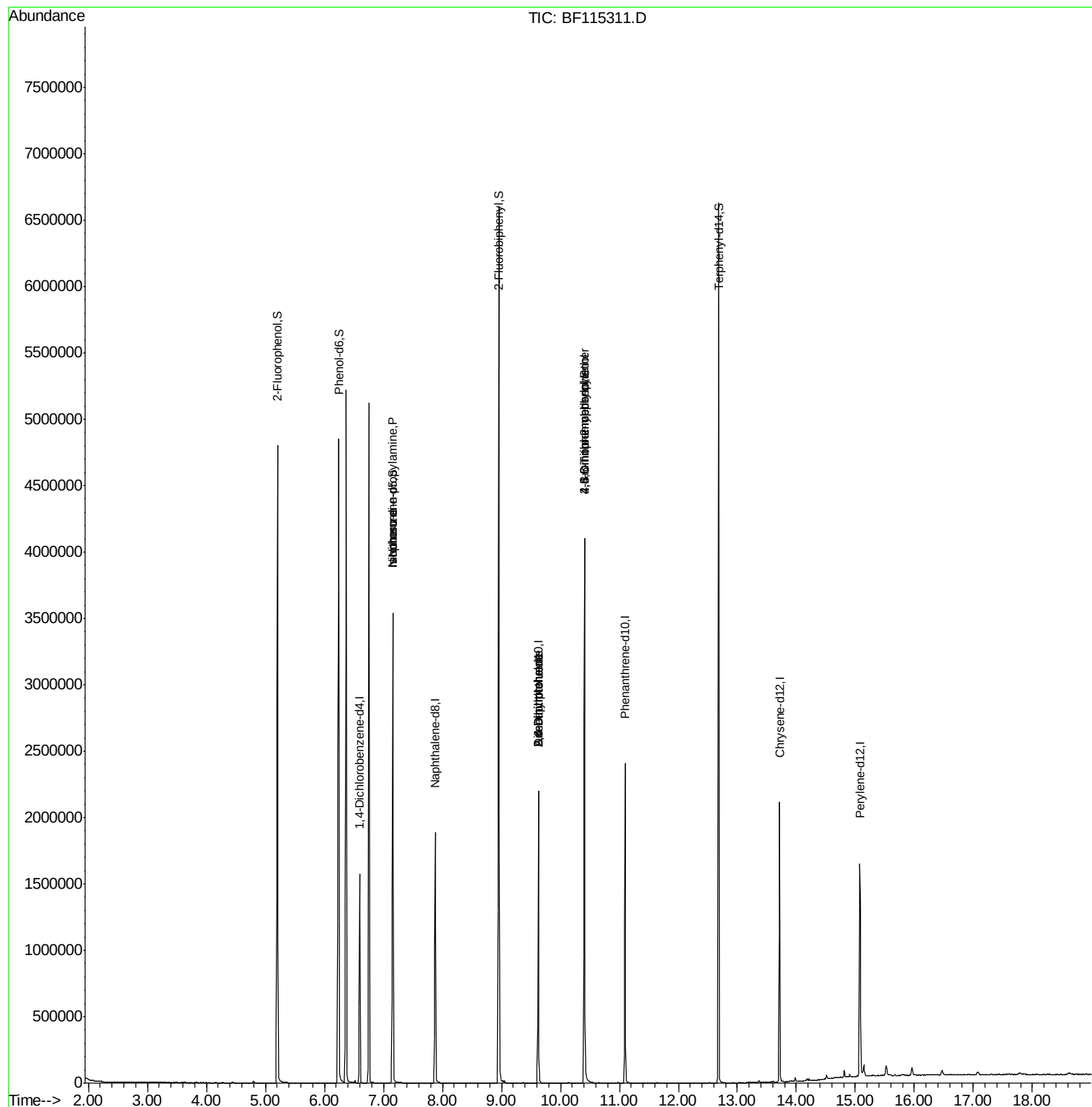
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.16	70	168366	14.268	ng	# 77
25) Isophorone	7.16	82	1259252	42.884	ng	# 63
50) Dimethylphthalate	9.62	163	123408	3.808	ng	# 1
51) 2,6-Dinitrotoluene	9.62	165	56712	7.580	ng	# 28
57) 2,4-Dinitrotoluene	9.62	165	56712	5.870	ng	# 30
58) Fluorene	10.41	166	26051	Below Cal		# 89
65) 4,6-Dinitro-2-methylphenol	10.41	198	1184	5.190	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	36573	3.886	ng	# 1

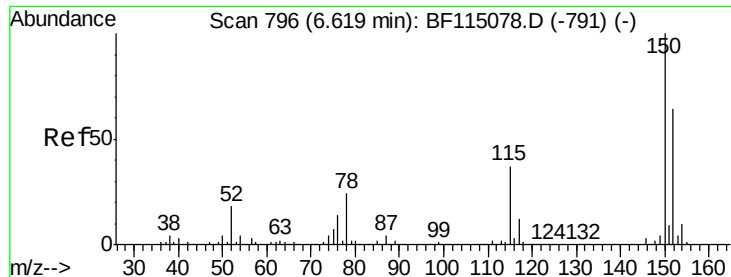
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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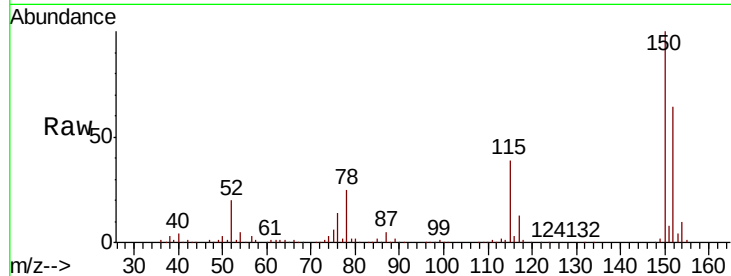


#1

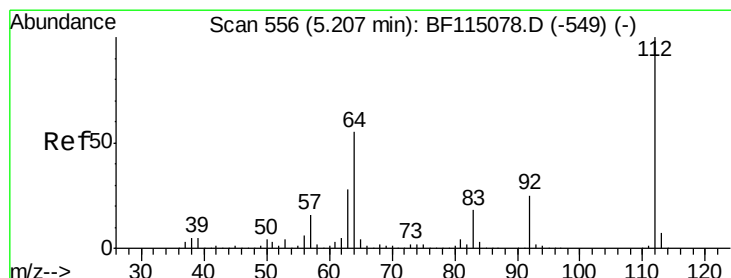
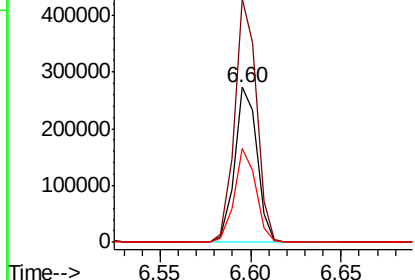
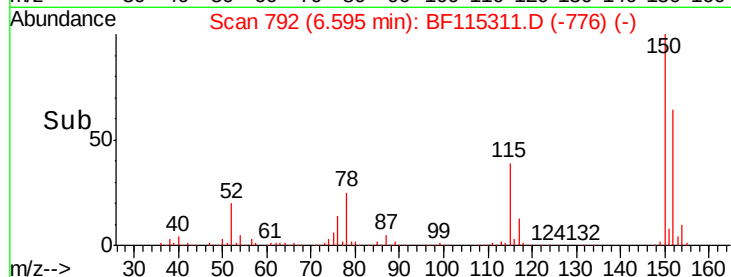
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Instrument :
BNA_F
ClientSampleId :
PB121004BL

Tgt Ion:152 Resp: 234333
Ion Ratio Lower Upper
152 100
150 156.9 124.2 186.2
115 60.7 46.1 69.1



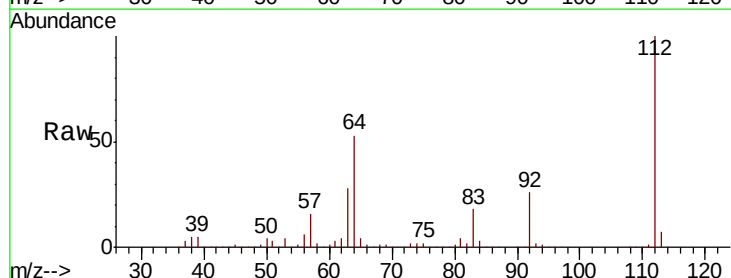
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



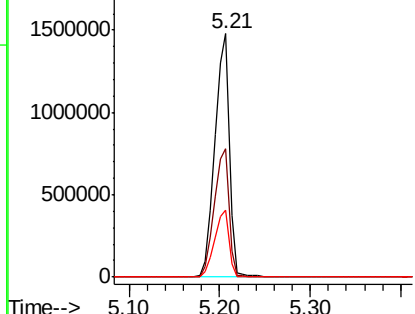
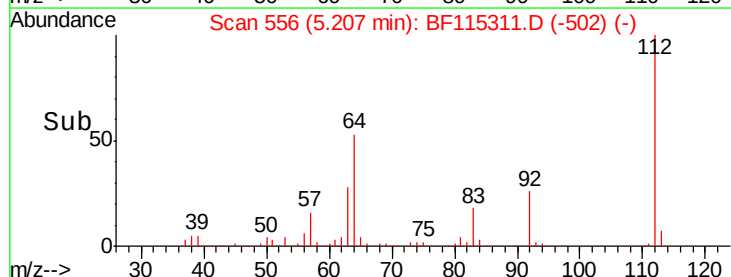
#5

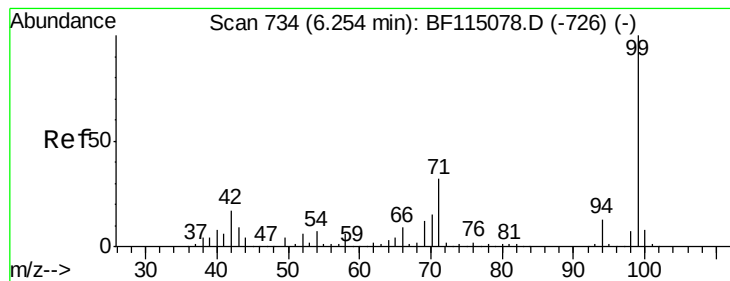
2-Fluorophenol
Concen: 107.849 ng
RT: 5.21 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Tgt Ion:112 Resp: 1637702
Ion Ratio Lower Upper
112 100
64 52.7 43.8 65.6
63 27.5 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: 110.364 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115311.D

Acq: 29 Jun 2019 9:41

Instrument :

BNA_F

ClientSampleId :

PB121004BL

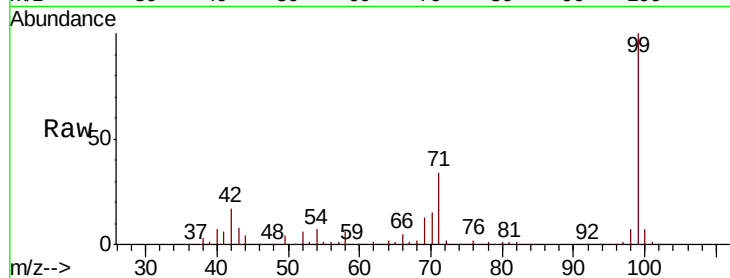
Tgt Ion: 99 Resp: 2034128

Ion Ratio Lower Upper

99 100

42 17.3 13.6 20.4

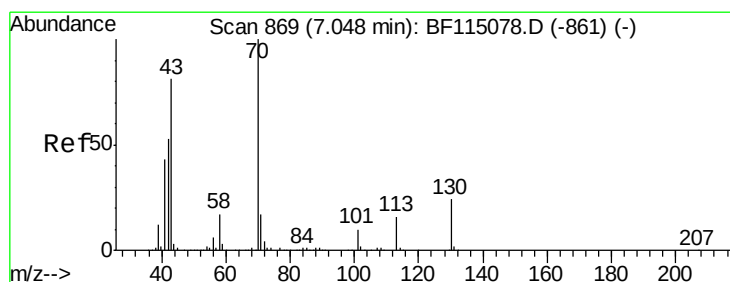
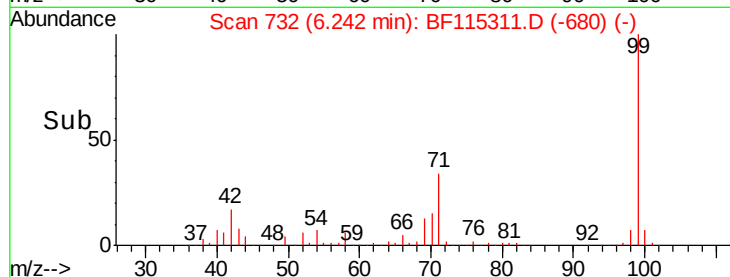
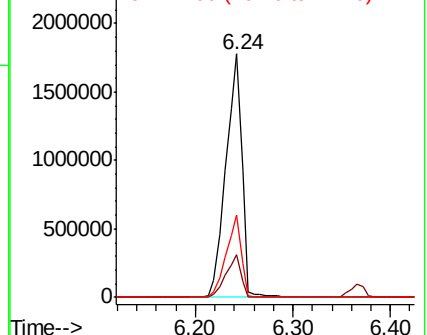
71 33.8 25.5 38.3



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: 14.268 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF115311.D

Acq: 29 Jun 2019 9:41

Tgt Ion: 70 Resp: 168366

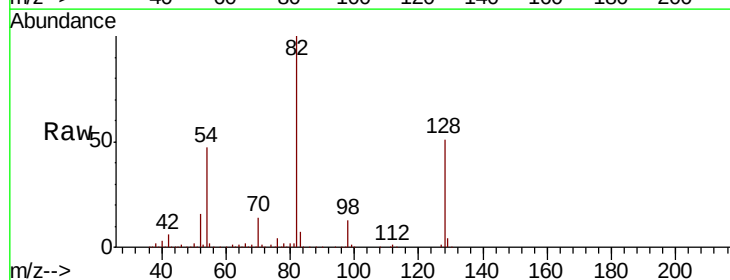
Ion Ratio Lower Upper

70 100

42 44.6 42.6 63.8

101 0.0 8.0 12.0#

130 2.4 19.4 29.0#

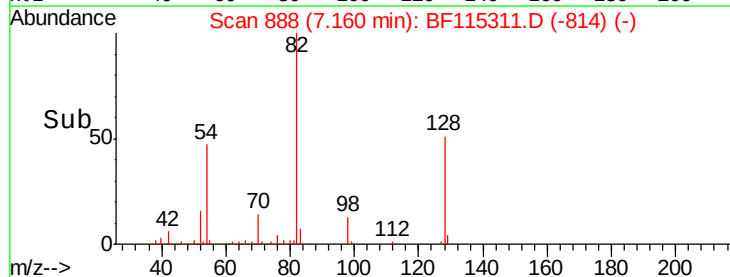
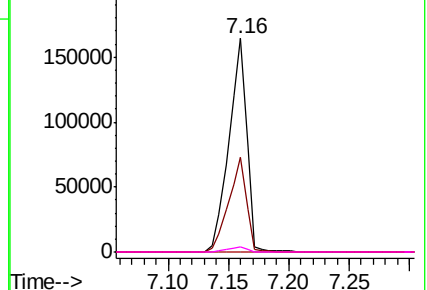


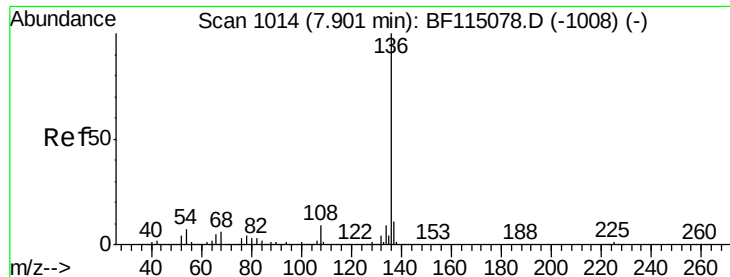
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

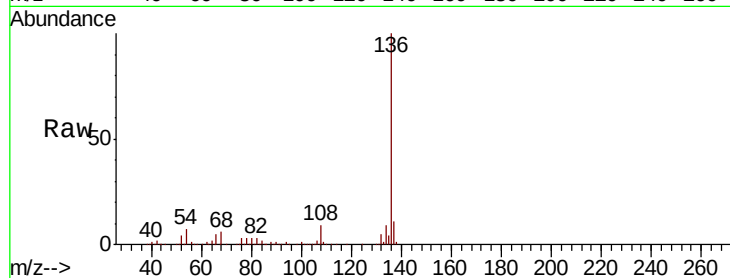




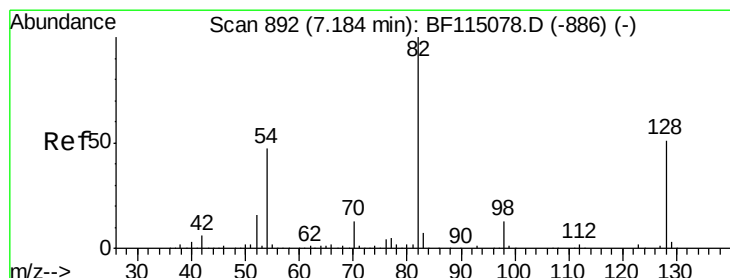
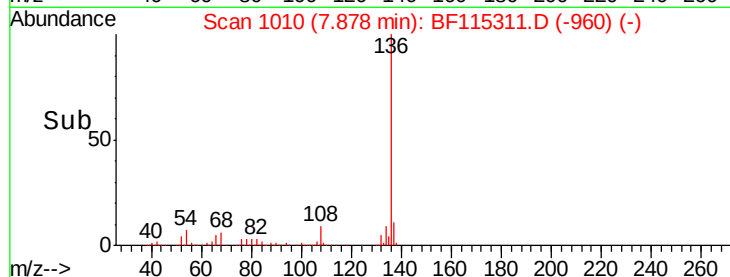
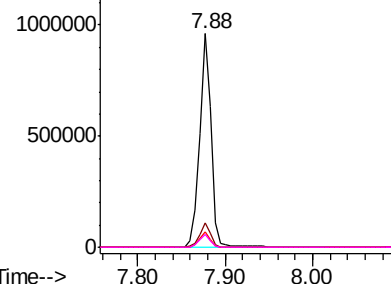
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Instrument :
BNA_F
ClientSampled :
PB121004BL

Tgt Ion:	136	Resp:	881774
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.3	5.6	8.4
68	6.1	4.8	7.2

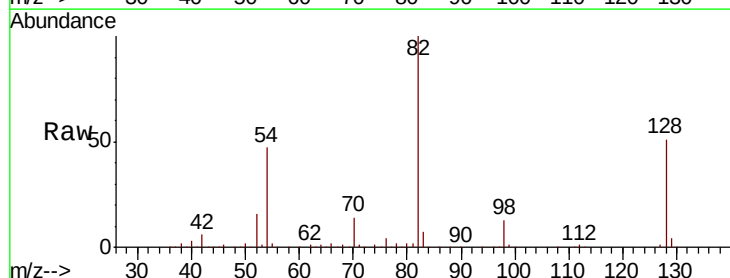


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

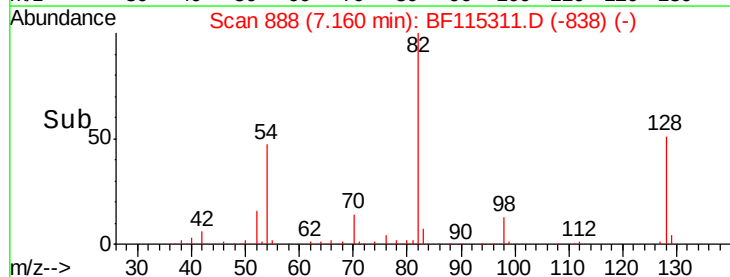
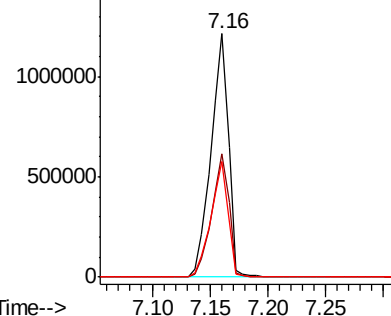


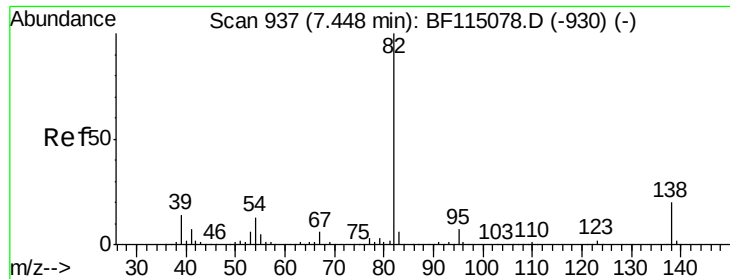
#23
Nitrobenzene-d5
Concen: 88.576 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Tgt Ion:	82	Resp:	1269670
Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.4	60.6
54	47.3	37.5	56.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.884 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF115311.D

Acq: 29 Jun 2019 9:41

Instrument :

BNA_F

ClientSampleId :

PB121004BL

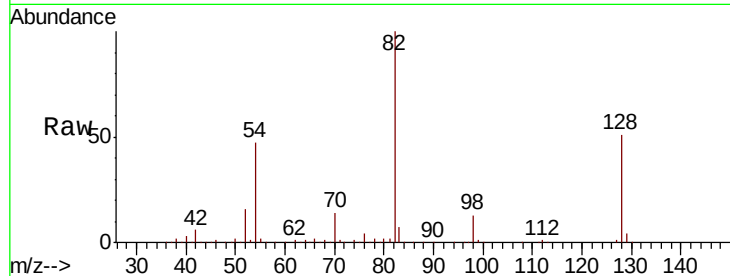
Tgt Ion: 82 Resp: 1259252

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

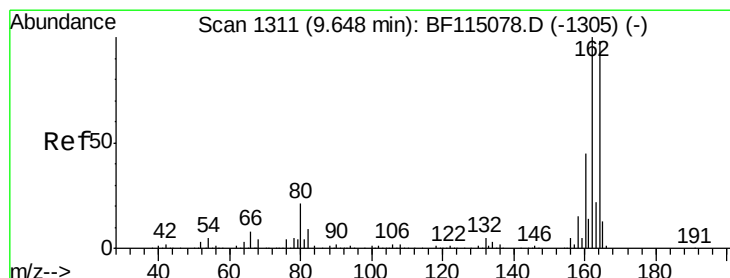
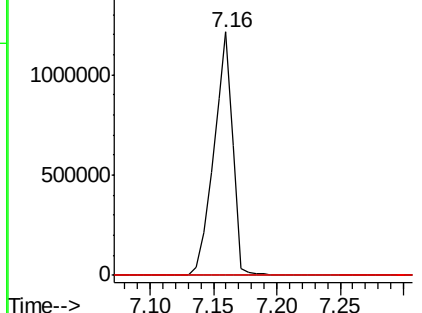
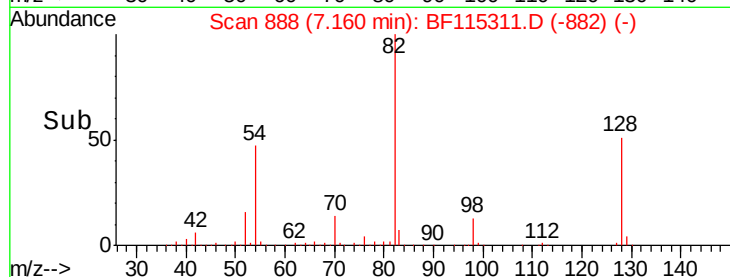
138 0.0 15.9 23.9#



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: BF115311.D

Acq: 29 Jun 2019 9:41

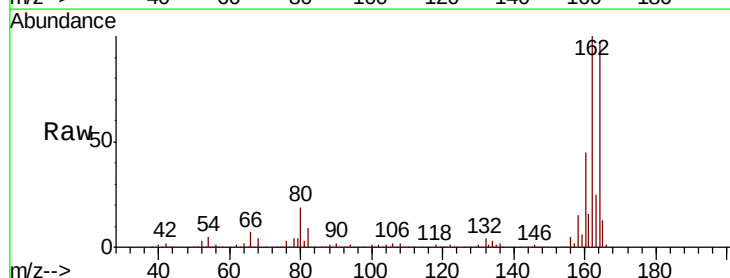
Tgt Ion: 164 Resp: 440505

Ion Ratio Lower Upper

164 100

162 103.3 81.7 122.5

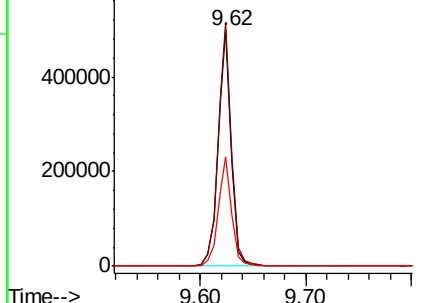
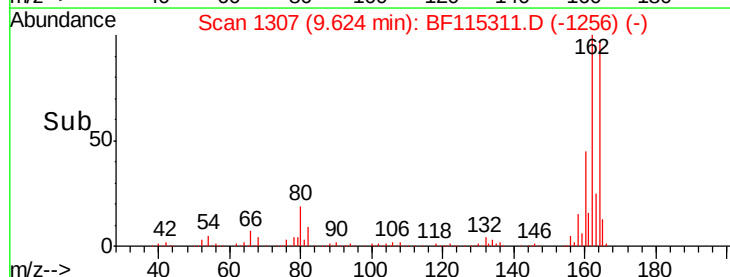
160 46.6 37.0 55.4

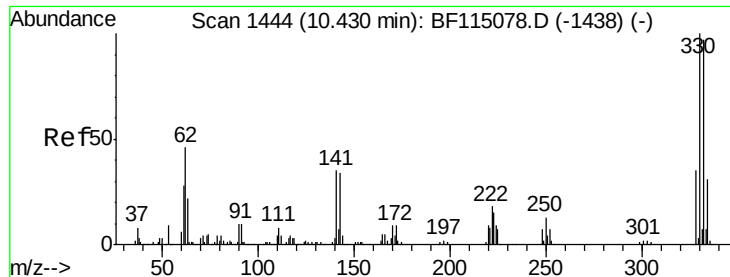


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

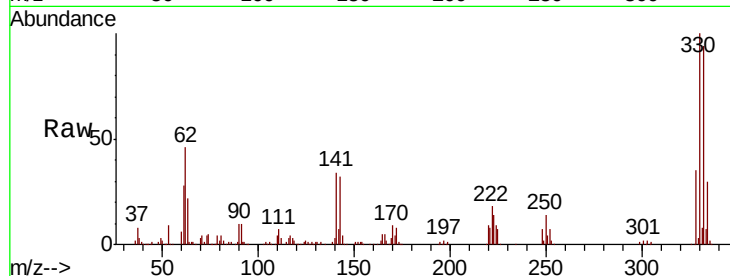




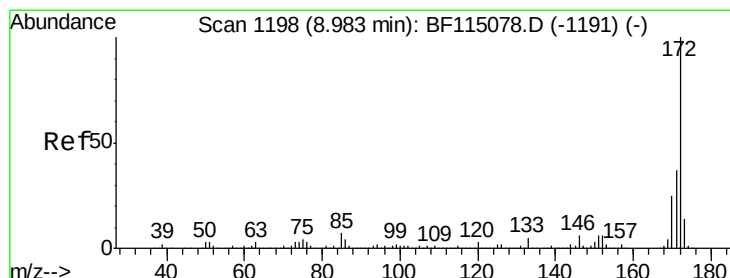
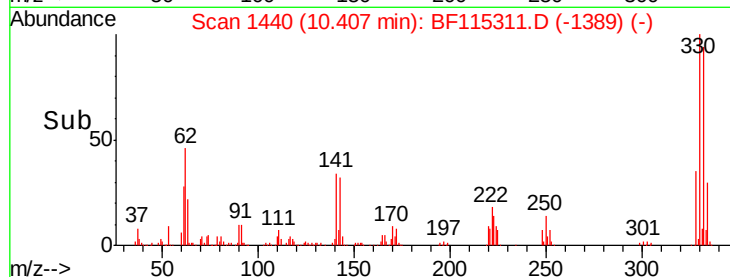
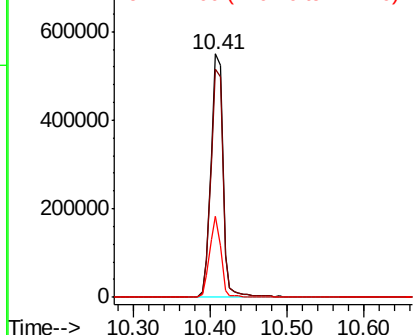
#42
 2,4,6-Tribromophenol
 Concen: 127.644 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115311.D
 Acq: 29 Jun 2019 9:41

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BL

Tgt Ion:330 Resp: 592941
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.3 115.9
 141 31.7 28.2 42.2

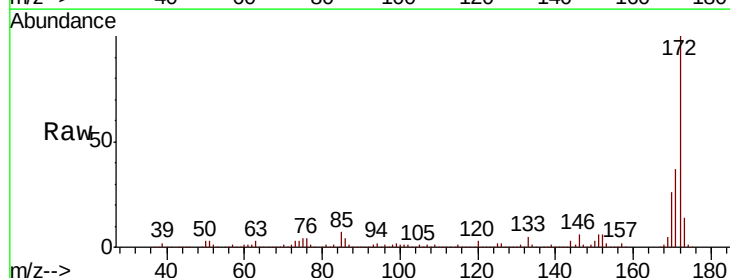


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

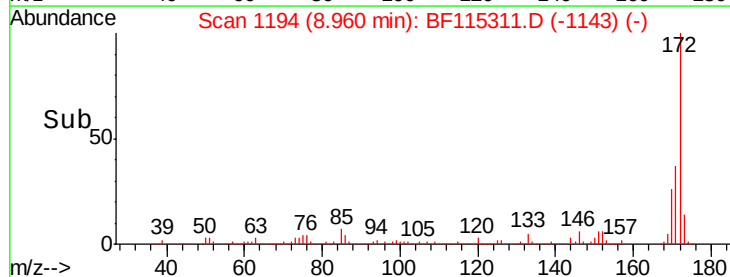
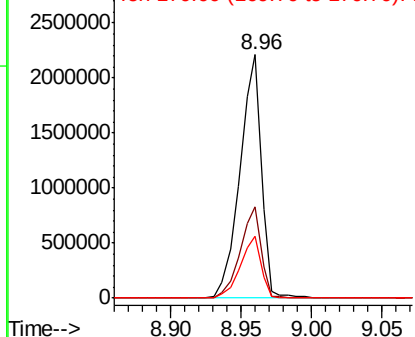


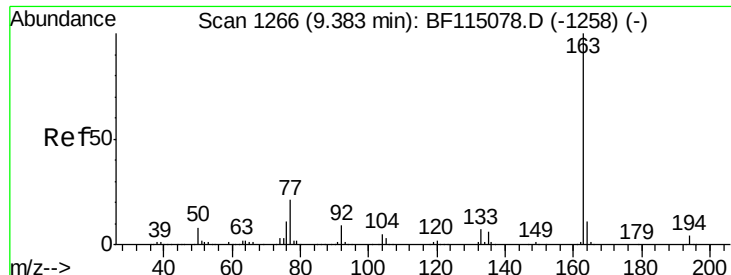
#45
 2-Fluorobiphenyl
 Concen: 90.457 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF115311.D
 Acq: 29 Jun 2019 9:41

Tgt Ion:172 Resp: 2345821
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 25.5 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

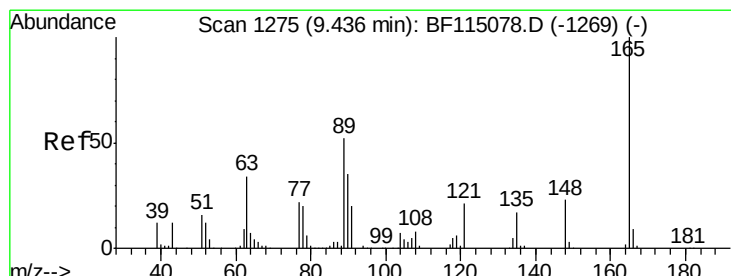
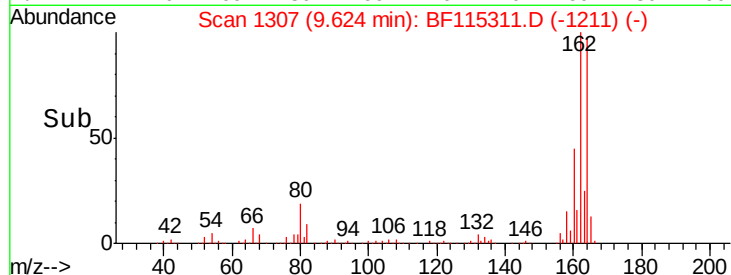
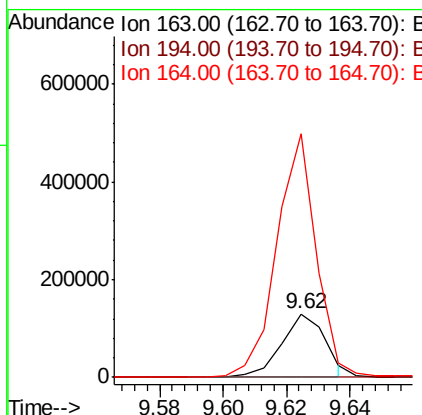
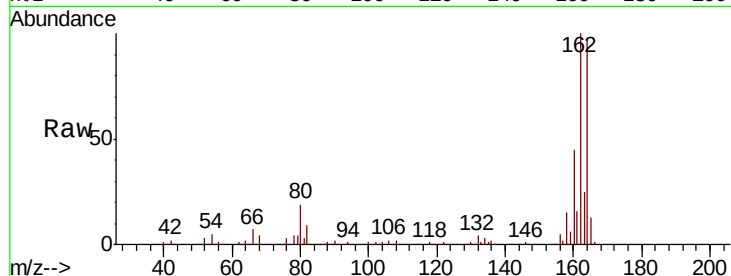




#50
Dimethylphthalate
Concen: 3.808 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.26 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

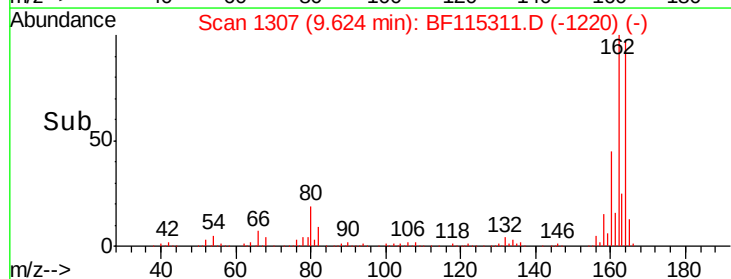
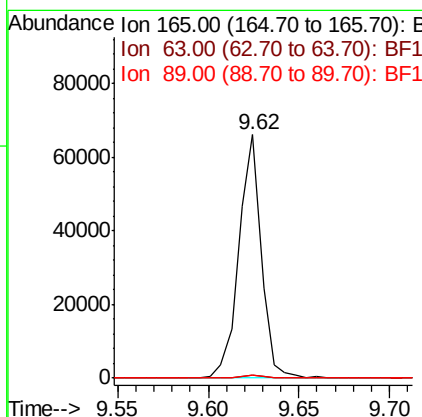
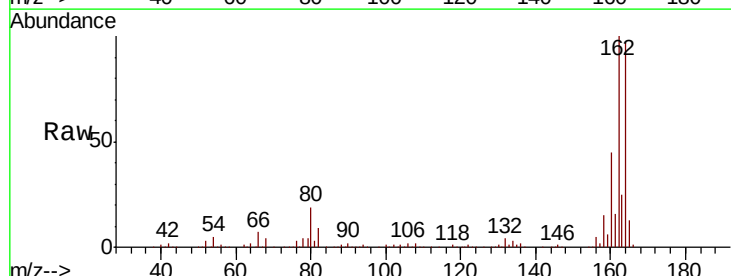
Instrument :
BNA_F
ClientSampleId :
PB121004BL

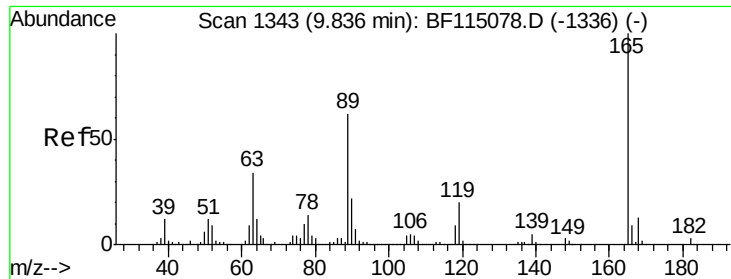
Tgt Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	382.0	8.6	13.0#



#51
2,6-Dinitrotoluene
Concen: 7.580 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.21 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.4	59.2#
89	1.1	42.0	63.0#

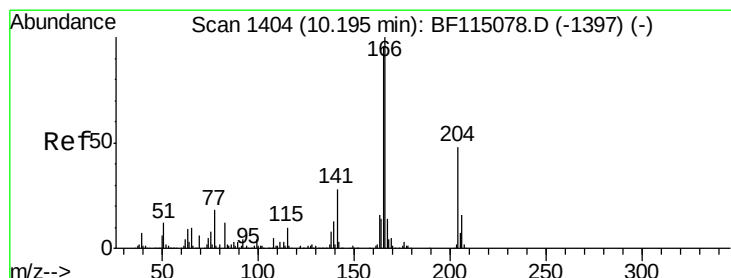
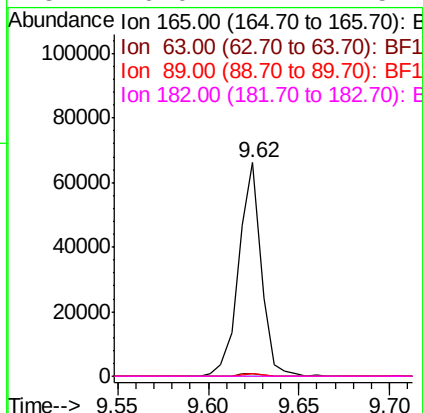
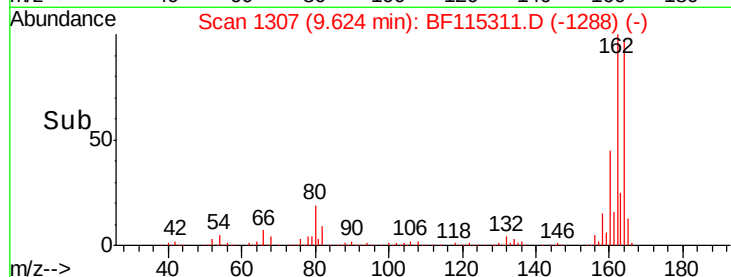
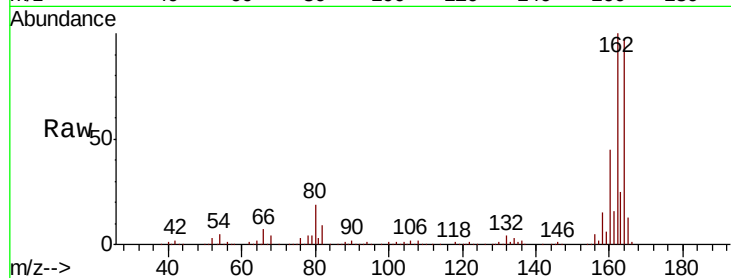




#57
 2,4-Dinitrotoluene
 Concen: 5.870 ng
 RT: 9.62 min Scan# 1307
 Delta R.T. -0.19 min
 Lab File: BF115311.D
 Acq: 29 Jun 2019 9:41

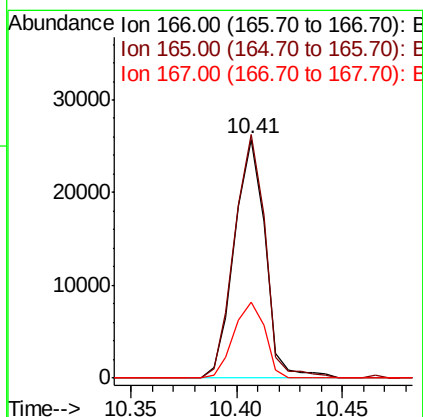
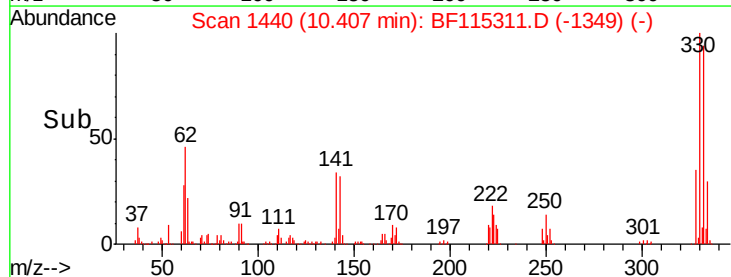
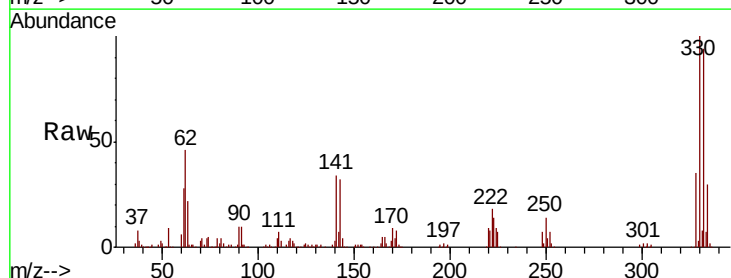
Instrument :
 BNA_F
 ClientSampleId :
 PB121004BL

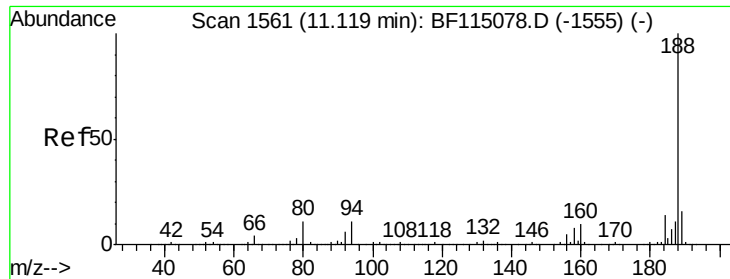
Tgt Ion:	165	Resp:	56712
Ion	Ratio	Lower	Upper
165	100		
63	1.0	27.5	41.3#
89	1.1	49.9	74.9#
182	0.0	2.1	3.1#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.24 min
 Lab File: BF115311.D
 Acq: 29 Jun 2019 9:41

Tgt Ion:	166	Resp:	26051
Ion	Ratio	Lower	Upper
166	100		
165	102.0	76.5	114.7
167	32.0	11.0	16.4#

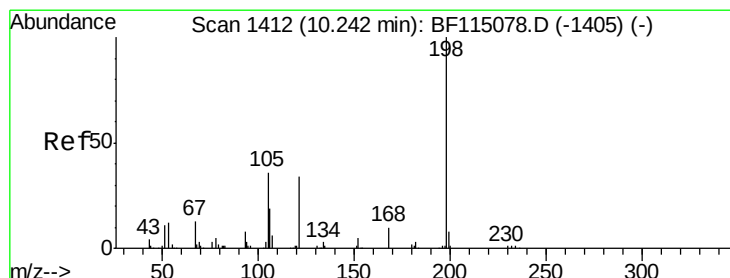
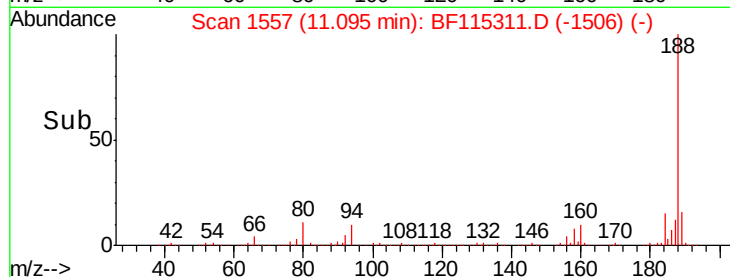
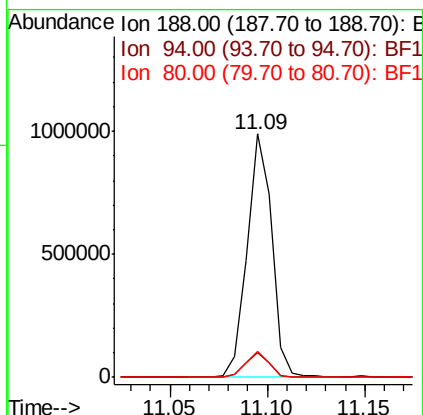
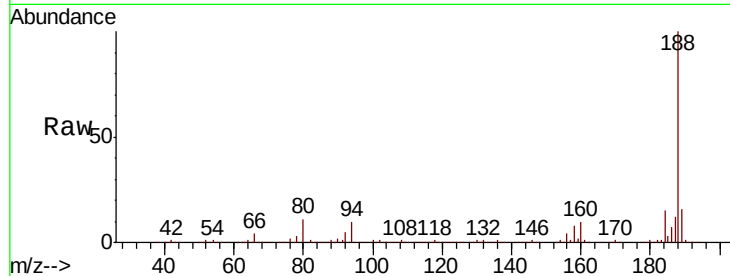




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.09 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BF115311.D
 Acq: 29 Jun 2019 9:41

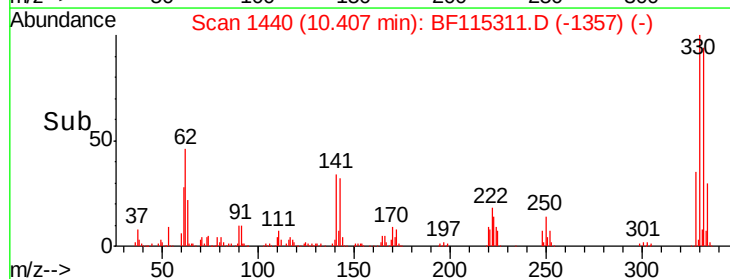
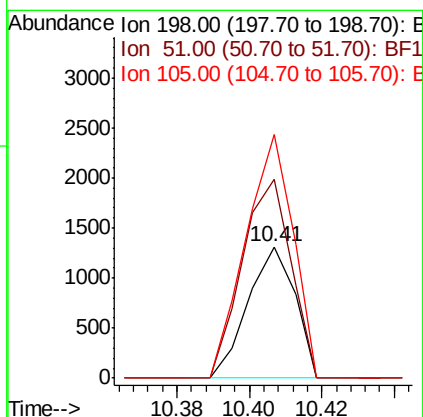
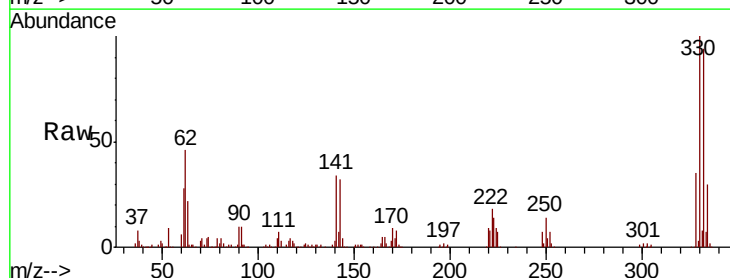
Instrument :
 BNA_F
 ClientSampleId :
 PB121004BL

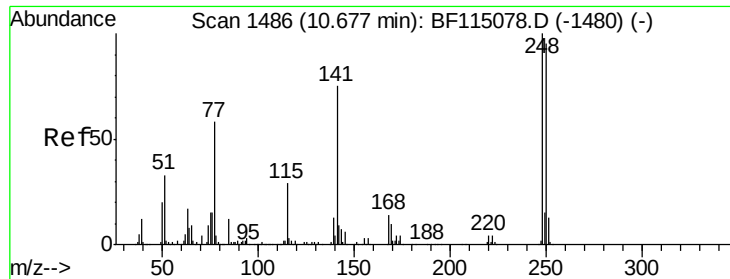
Tgt Ion:188 Resp: 868057
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.6 12.8
 80 10.6 8.8 13.2



#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.190 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.19 min
 Lab File: BF115311.D
 Acq: 29 Jun 2019 9:41

Tgt Ion:198 Resp: 1184
 Ion Ratio Lower Upper
 198 100
 51 151.4 11.0 51.0#
 105 185.7 17.3 57.3#

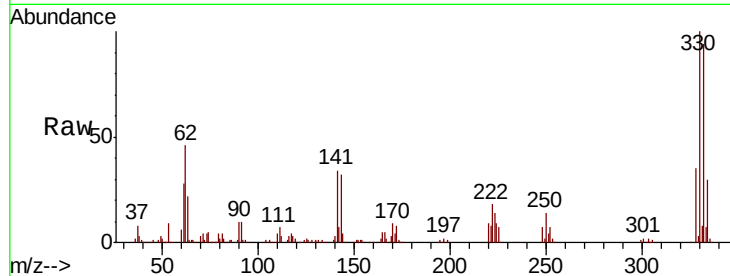




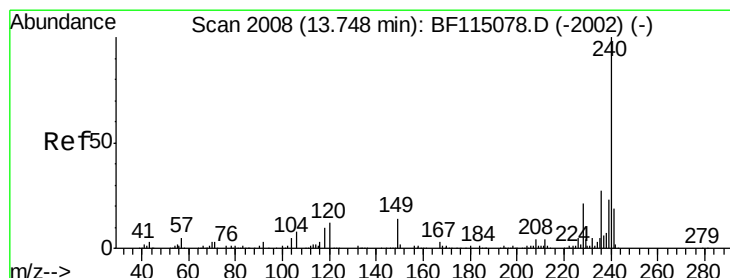
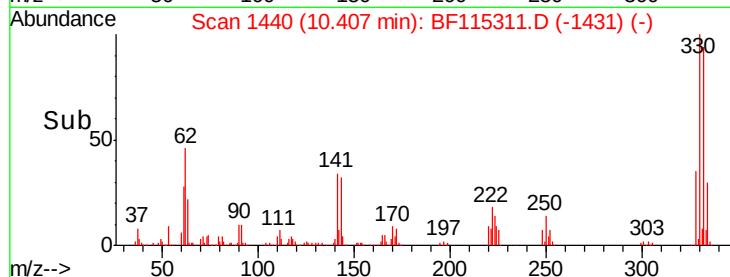
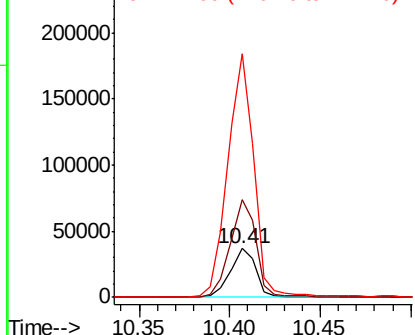
#67
 4-Bromophenyl-phenylether
 Concen: 3.886 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF115311.D
 Acq: 29 Jun 2019 9:41

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BL

Tgt Ion: 248 Resp: 36573
 Ion Ratio Lower Upper
 248 100
 250 201.9 76.2 114.2#
 141 500.6 59.6 89.4#

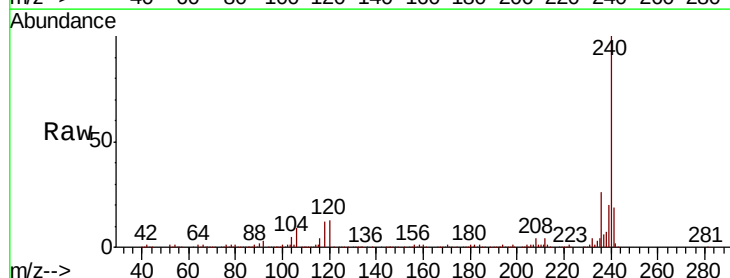


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

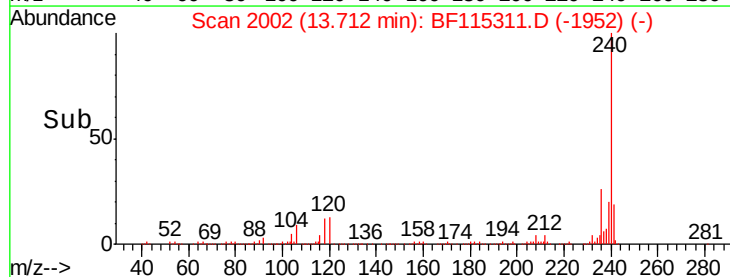
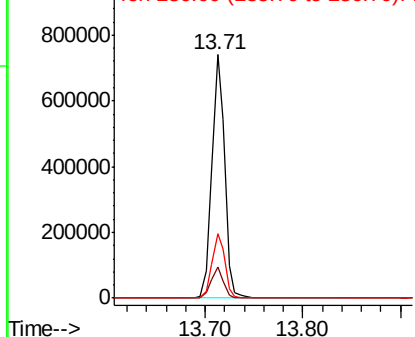


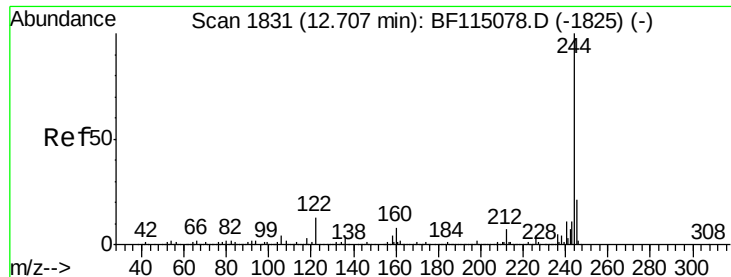
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.71 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF115311.D
 Acq: 29 Jun 2019 9:41

Tgt Ion: 240 Resp: 670530
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.4 14.2
 236 26.4 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: 81.793 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115311.D

Acq: 29 Jun 2019 9:41

Instrument :

BNA_F

ClientSampleId :

PB121004BL

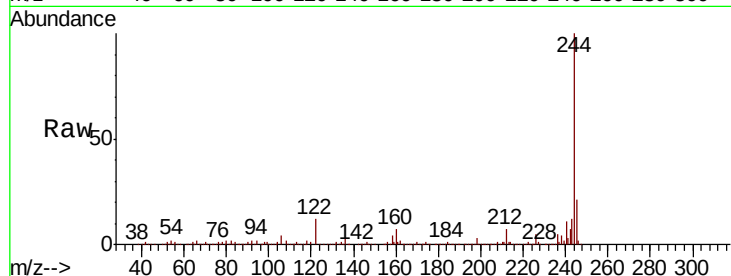
Tgt Ion:244 Resp: 2579534

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

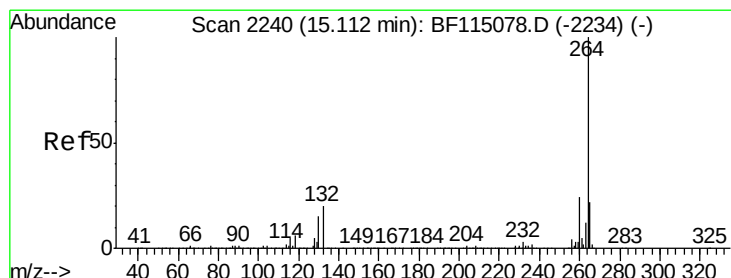
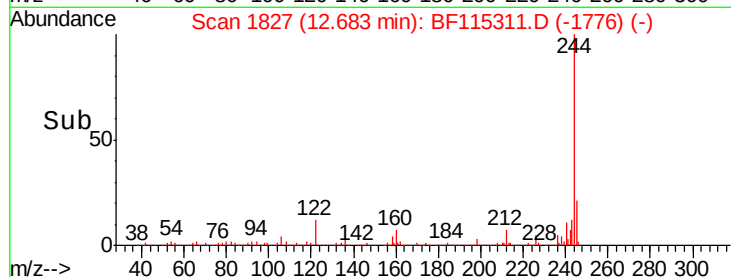
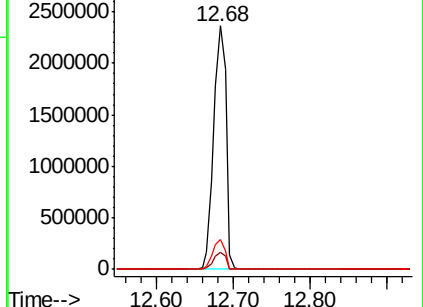
122 12.3 10.4 15.6



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: BF115311.D

Acq: 29 Jun 2019 9:41

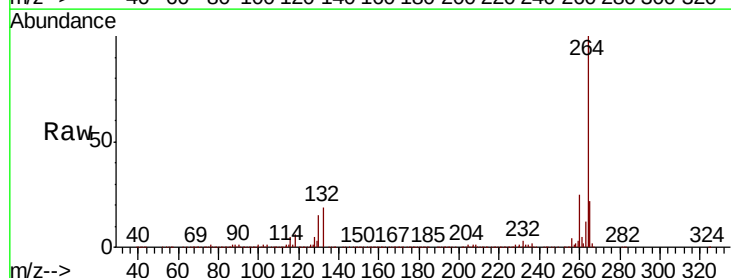
Tgt Ion:264 Resp: 718394

Ion Ratio Lower Upper

264 100

260 25.0 19.6 29.4

265 22.1 17.3 25.9



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

