

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
 Data File : BF115313.D
 Acq On : 29 Jun 2019 10:33
 Operator : HP/JU
 Sample : PB120999BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BL

Quant Time: Jun 30 01:42:04 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	234002	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	898343	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	440404	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	858899	20.00	ng	0.00
76) Chrysene-d12	13.71	240	667540	20.00	ng	0.00
87) Perylene-d12	15.08	264	715986	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	1600710	105.56	ng	0.02
7) Phenol-d6	6.24	99	1973976	107.25	ng	0.00
23) Nitrobenzene-d5	7.16	82	1226748	84.00	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	560504	120.69	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2244742	86.58	ng	0.00
79) Terphenyl-d14	12.68	244	2464898	78.51	ng	0.00

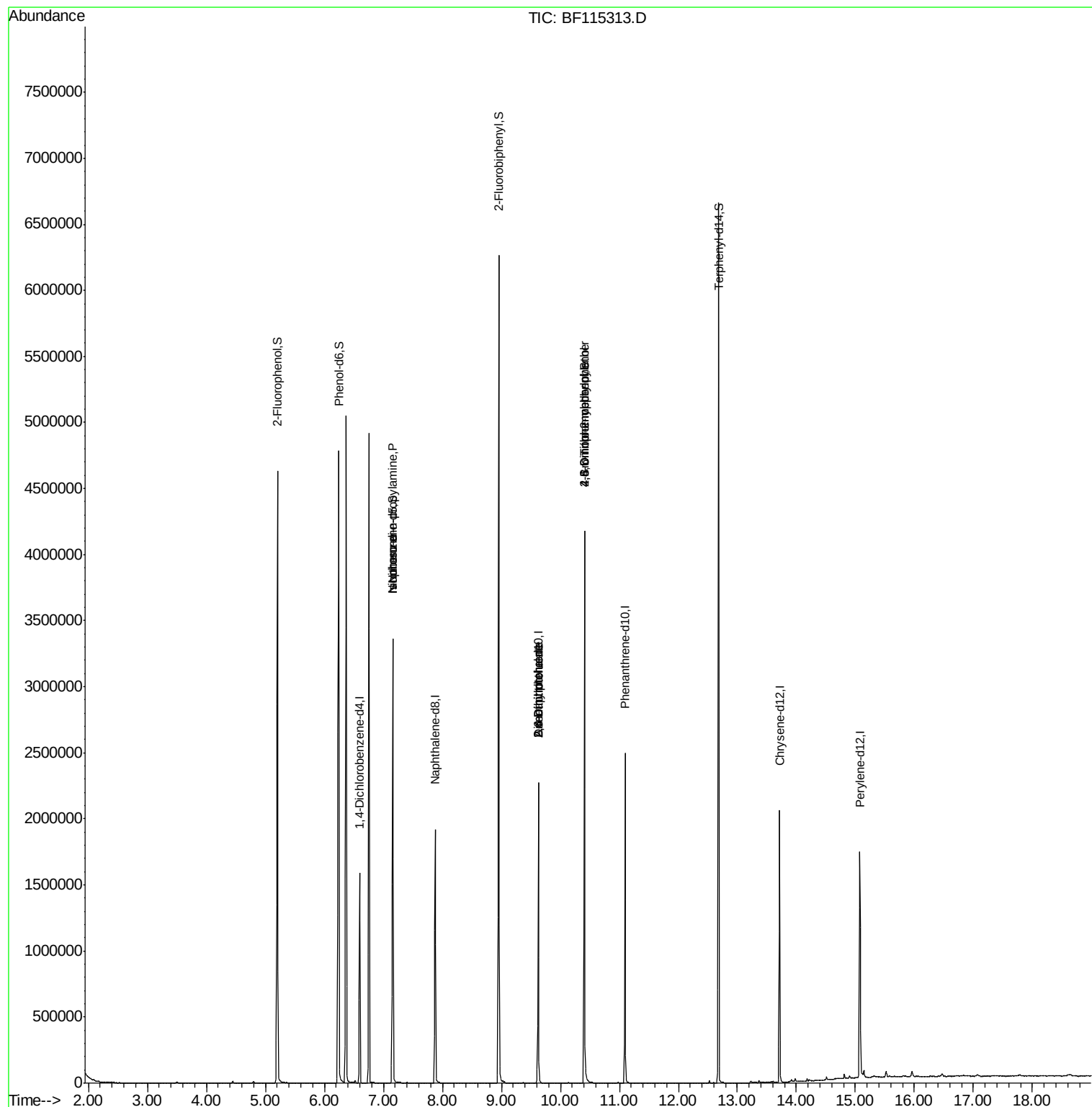
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.16	70	162677	13.806	ng	# 77
25) Isophorone	7.16	82	1213232	40.555	ng	# 63
50) Dimethylphthalate	9.62	163	122297	3.774	ng	# 1
51) 2,6-Dinitrotoluene	9.62	165	57435	7.678	ng	# 29
57) 2,4-Dinitrotoluene	9.62	165	57435	5.946	ng	# 30
58) Fluorene	10.41	166	24691	Below Cal		# 84
65) 4,6-Dinitro-2-methylphenol	10.41	198	1139	5.183	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	35118	3.771	ng	# 1

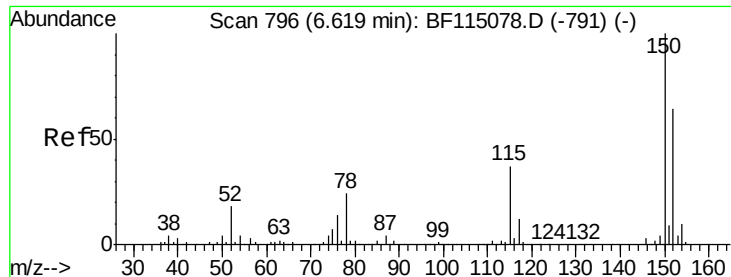
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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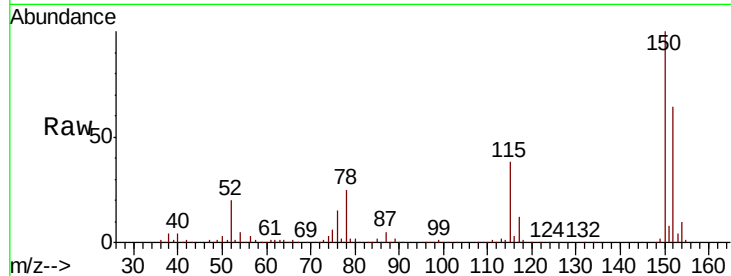


#1

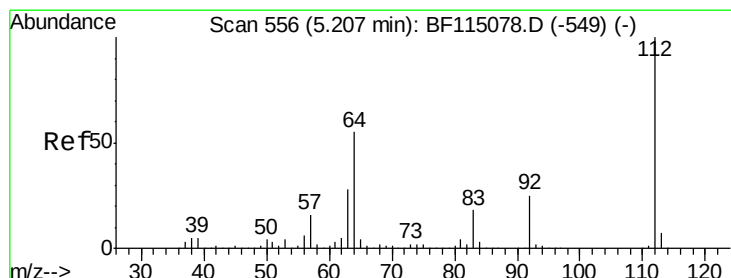
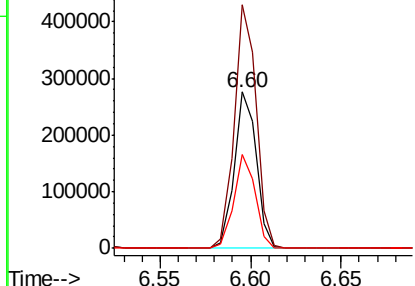
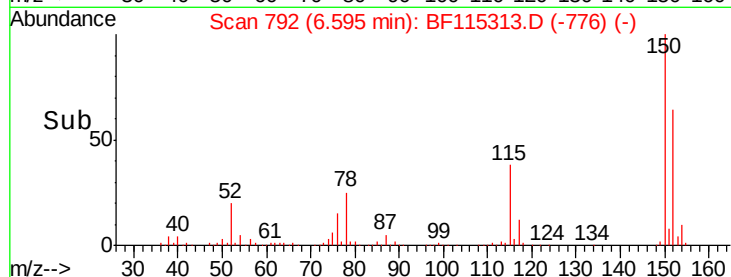
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115313.D
Acq: 29 Jun 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB120999BL

Tgt Ion:152 Resp: 234002
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.2
115 59.8 46.1 69.1



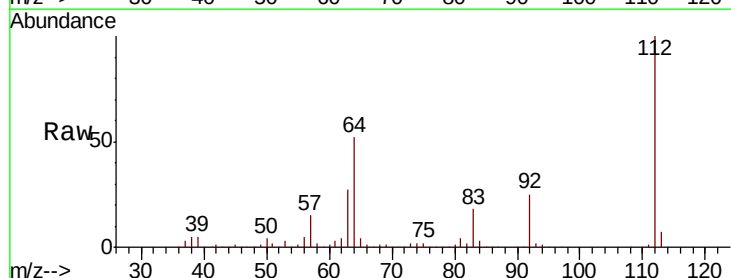
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



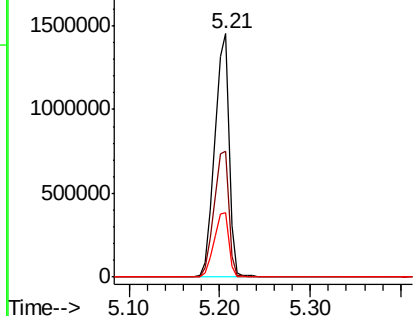
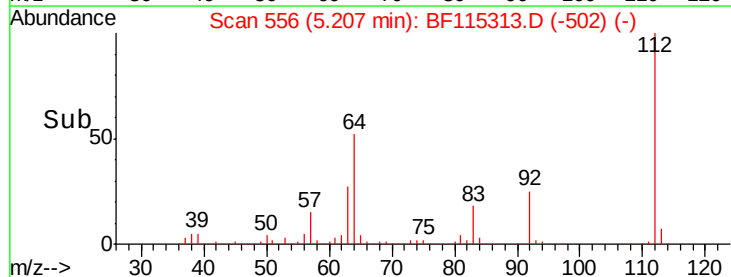
#5

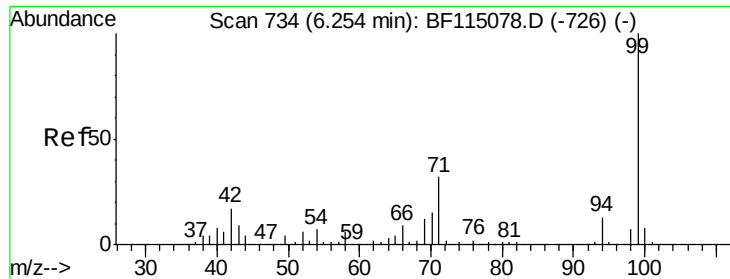
2-Fluorophenol
Concen: 105.562 ng
RT: 5.21 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF115313.D
Acq: 29 Jun 2019 10:33

Tgt Ion:112 Resp: 1600710
Ion Ratio Lower Upper
112 100
64 51.7 43.8 65.6
63 26.7 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: 107.252 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115313.D

Acq: 29 Jun 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB120999BL

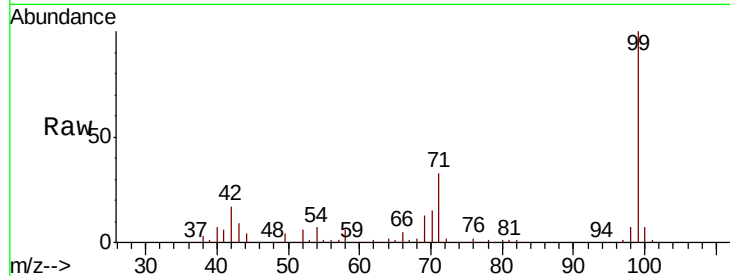
Tgt Ion: 99 Resp: 1973976

Ion Ratio Lower Upper

99 100

42 17.3 13.6 20.4

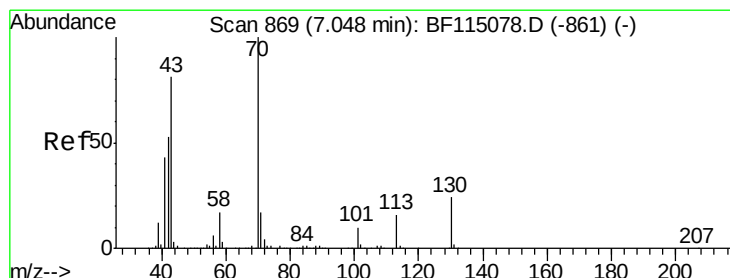
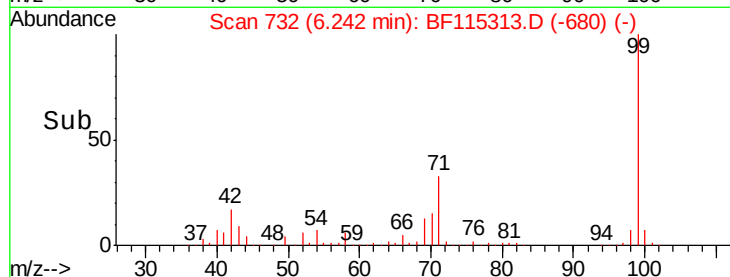
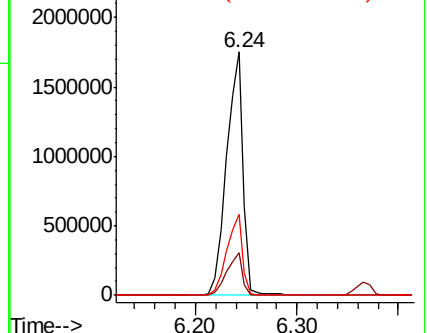
71 33.4 25.5 38.3



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: 13.806 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF115313.D

Acq: 29 Jun 2019 10:33

Tgt Ion: 70 Resp: 162677

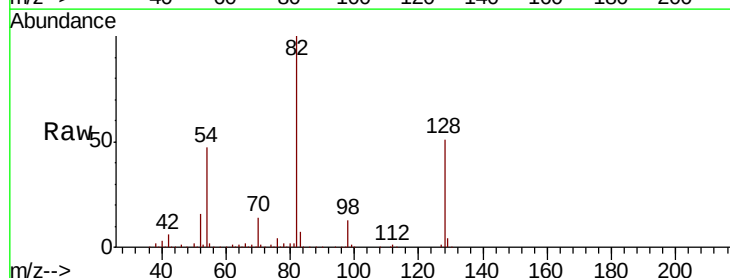
Ion Ratio Lower Upper

70 100

42 44.4 42.6 63.8

101 0.0 8.0 12.0#

130 2.8 19.4 29.0#

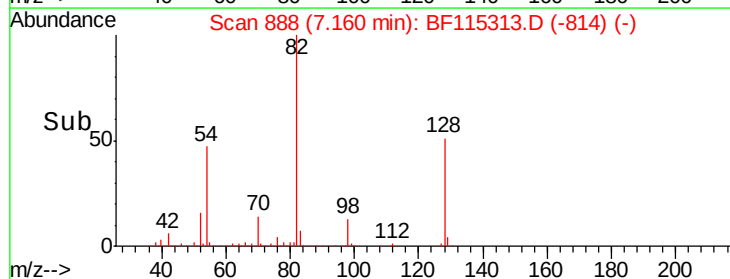
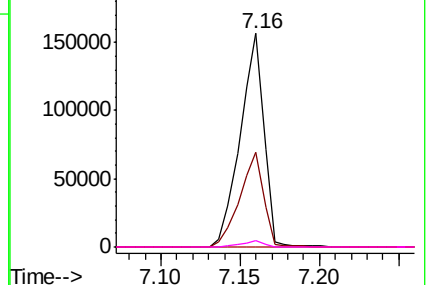


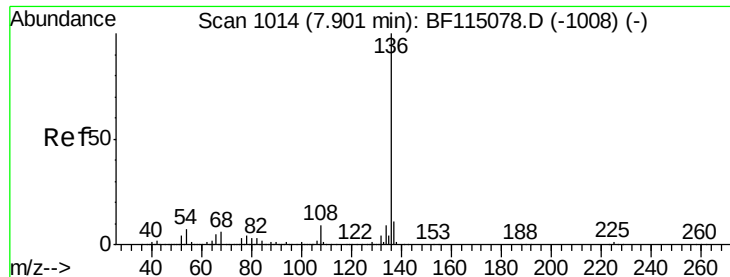
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

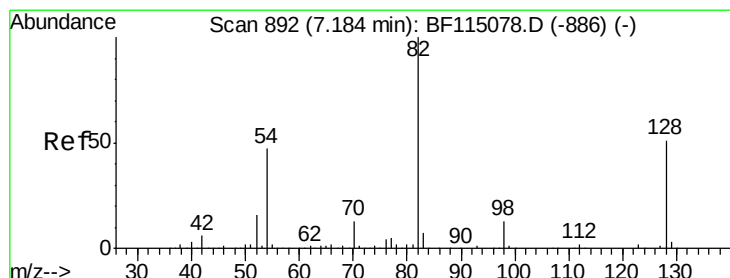
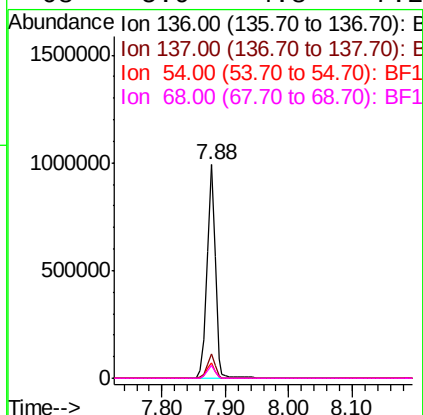
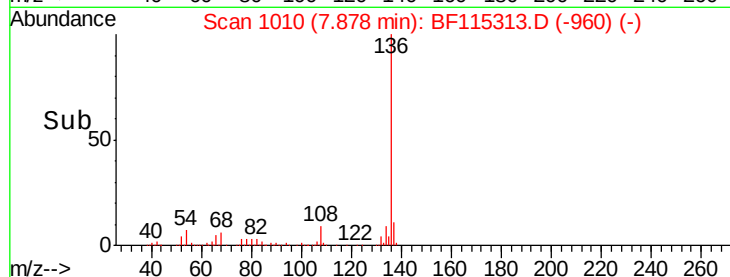
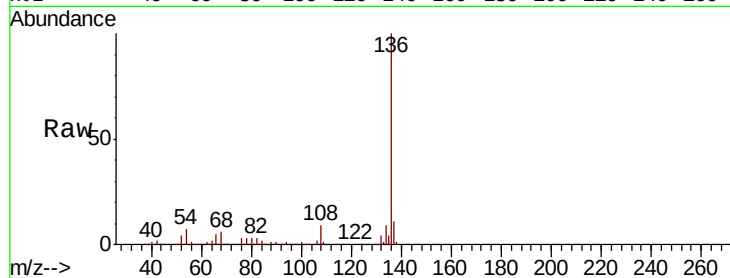




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115313.D
Acq: 29 Jun 2019 10:33

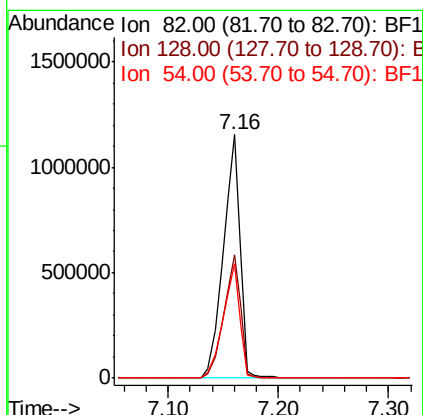
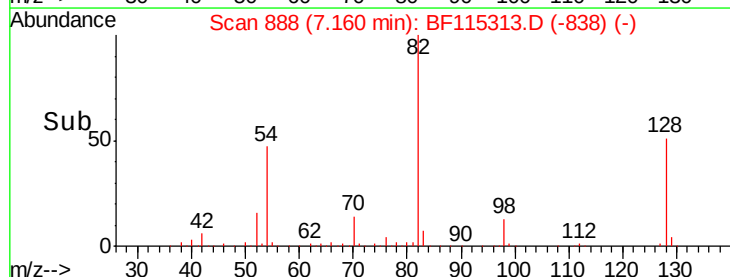
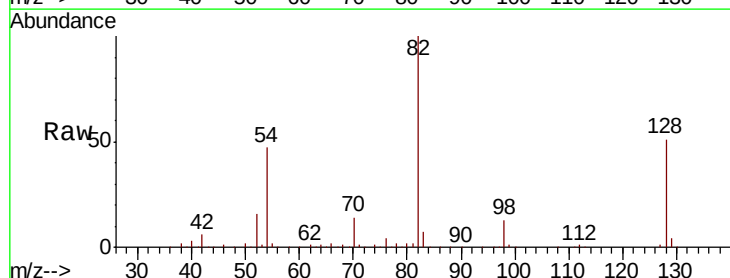
Instrument :
BNA_F
ClientSampleId :
PB120999BL

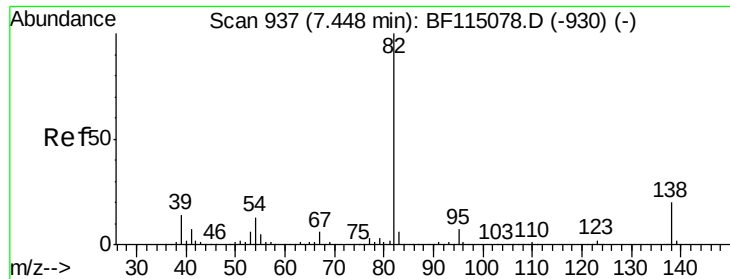
Tgt Ion:	136	Resp:	898343
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.9	5.6	8.4
68	5.9	4.8	7.2



#23
Nitrobenzene-d5
Concen: 84.003 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115313.D
Acq: 29 Jun 2019 10:33

Tgt Ion:	82	Resp:	1226748
Ion	Ratio	Lower	Upper
82	100		
128	50.8	40.4	60.6
54	47.1	37.5	56.3





#25

Isophorone

Concen: 40.555 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF115313.D

Acq: 29 Jun 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB120999BL

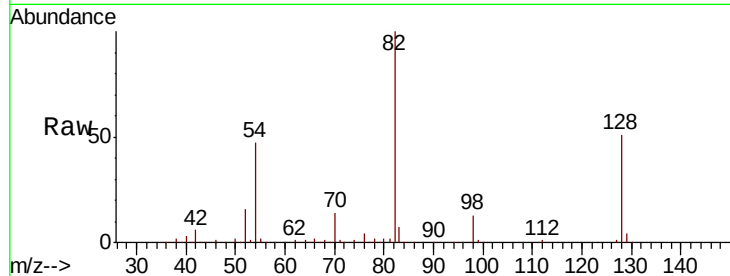
Tgt Ion: 82 Resp: 1213232

Ion Ratio Lower Upper

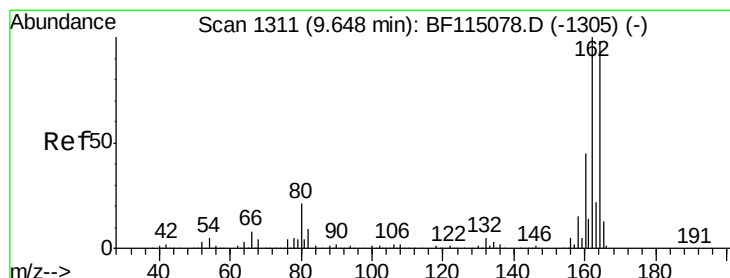
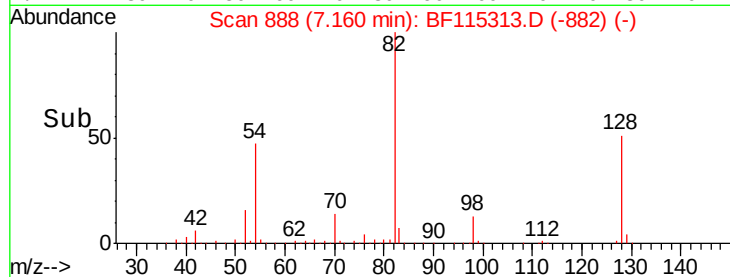
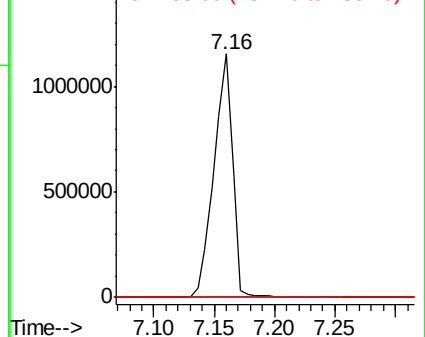
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.62 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF115313.D

Acq: 29 Jun 2019 10:33

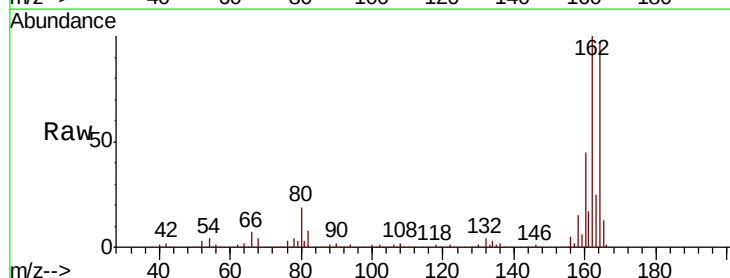
Tgt Ion: 164 Resp: 440404

Ion Ratio Lower Upper

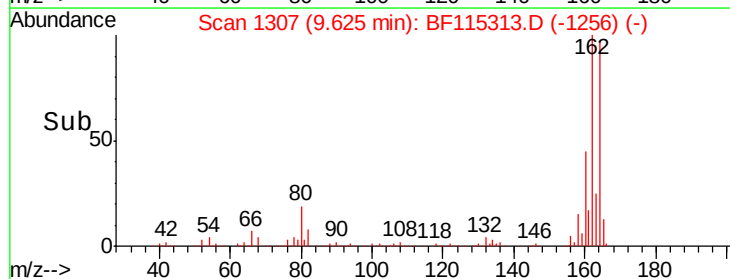
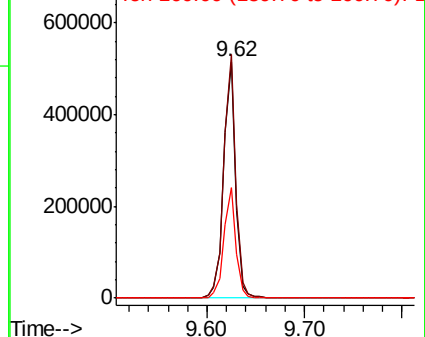
164 100

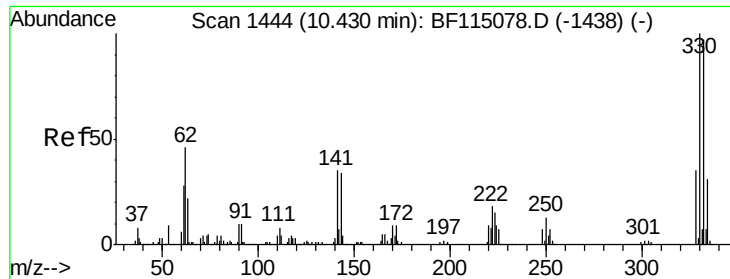
162 102.9 81.7 122.5

160 46.8 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: 120.689 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF115313.D

Acq: 29 Jun 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB120999BL

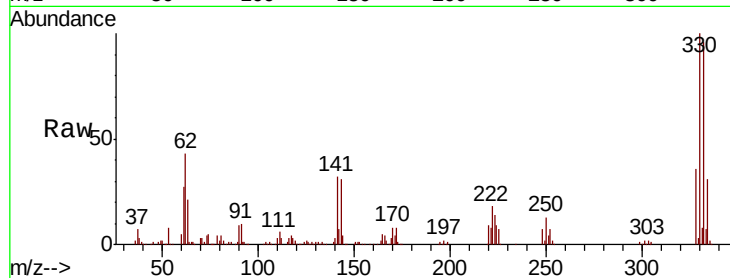
Tgt Ion:330 Resp: 560504

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

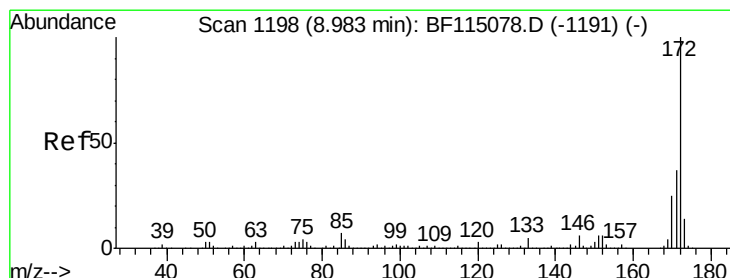
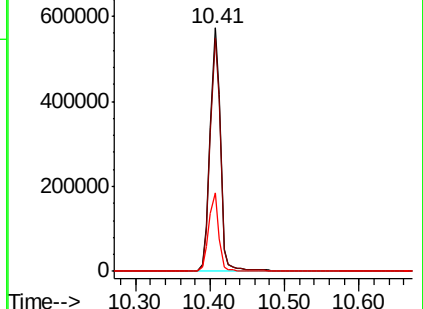
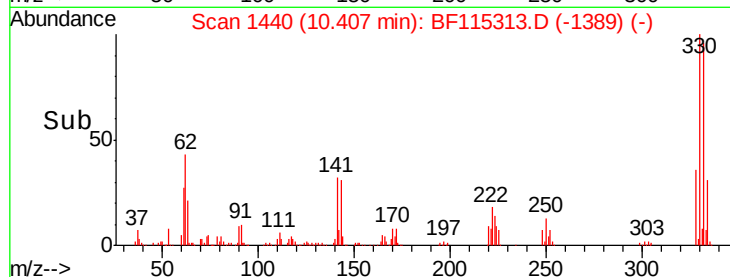
141 31.5 28.2 42.2



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: 86.579 ng

RT: 8.96 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF115313.D

Acq: 29 Jun 2019 10:33

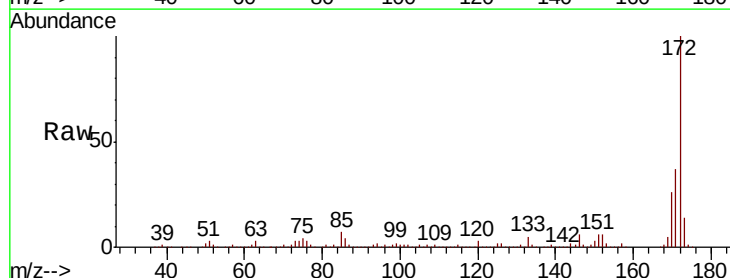
Tgt Ion:172 Resp: 2244742

Ion Ratio Lower Upper

172 100

171 37.1 29.8 44.6

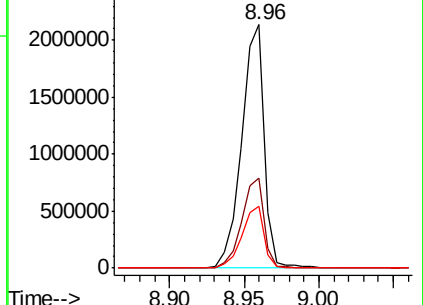
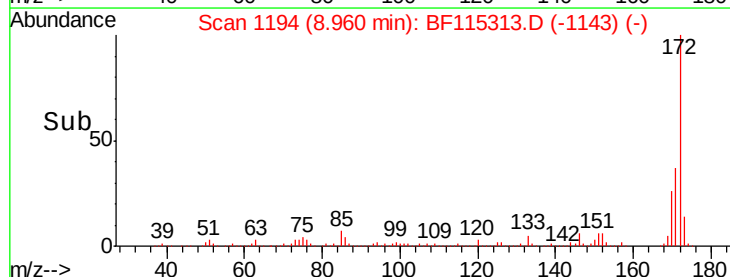
170 25.5 20.3 30.5

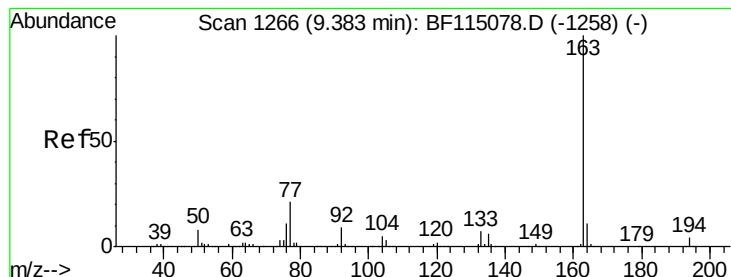


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.774 ng

RT: 9.62 min Scan# 1307

Delta R.T. 0.26 min

Lab File: BF115313.D

Acq: 29 Jun 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB120999BL

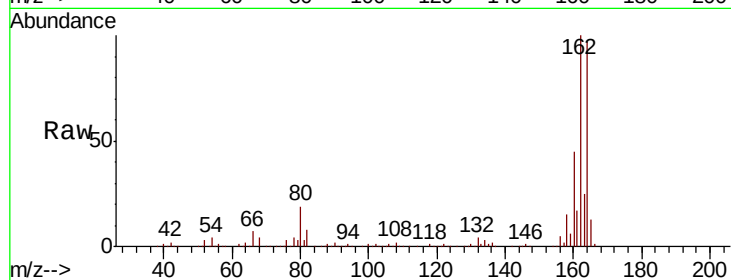
Tgt Ion:163 Resp: 122297

Ion Ratio Lower Upper

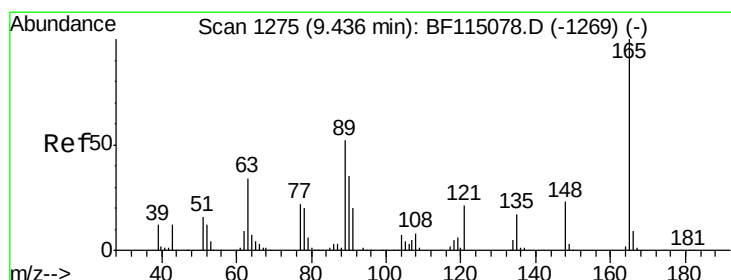
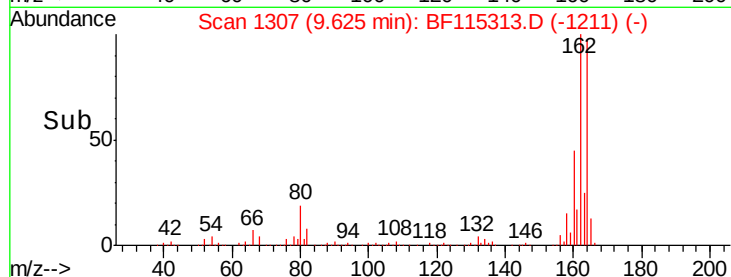
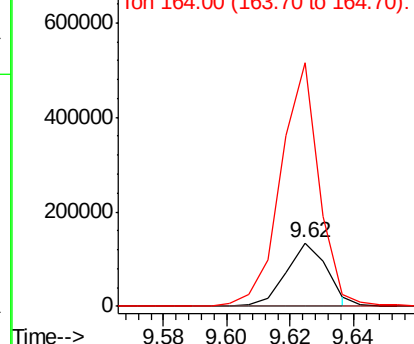
163 100

194 0.0 3.2 4.8#

164 382.0 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



#51

2,6-Dinitrotoluene

Concen: 7.678 ng

RT: 9.62 min Scan# 1307

Delta R.T. 0.21 min

Lab File: BF115313.D

Acq: 29 Jun 2019 10:33

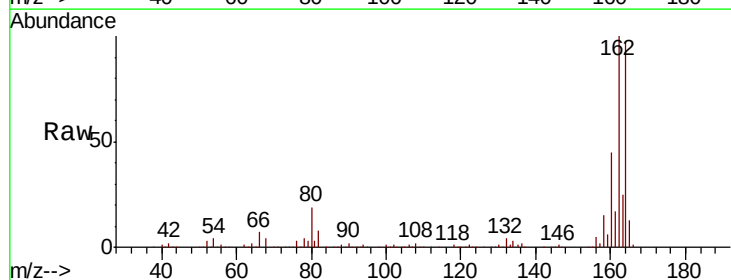
Tgt Ion:165 Resp: 57435

Ion Ratio Lower Upper

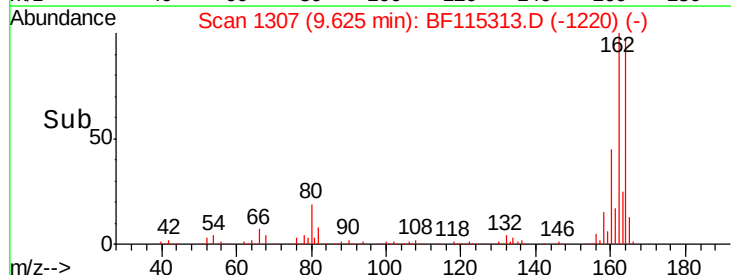
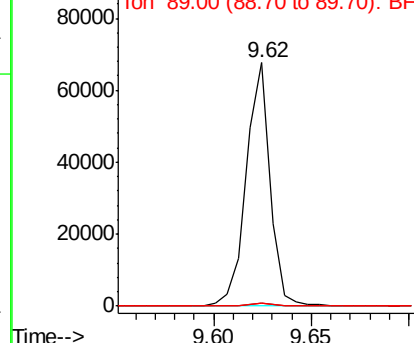
165 100

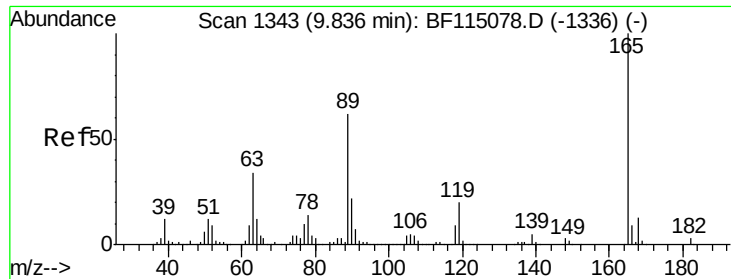
63 1.0 39.4 59.2#

89 1.4 42.0 63.0#



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: 5.946 ng

RT: 9.62 min Scan# 1307

Delta R.T. -0.19 min

Lab File: BF115313.D

Acq: 29 Jun 2019 10:33

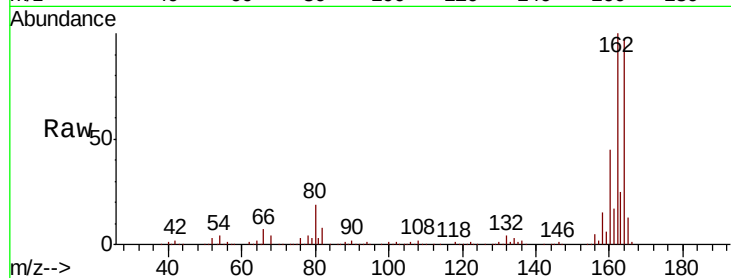
Instrument :

BNA_F

ClientSampleId :

PB120999BL

Tgt Ion:	165	Resp:	57435
Ion	Ratio	Lower	Upper
165	100		
63	1.0	27.5	41.3#
89	1.4	49.9	74.9#
182	0.0	2.1	3.1#



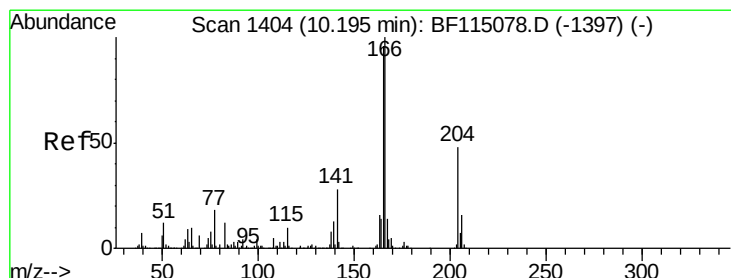
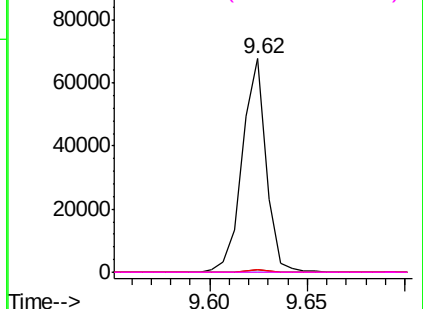
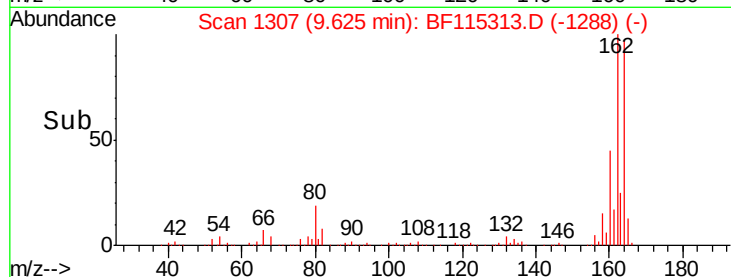
Abundance

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

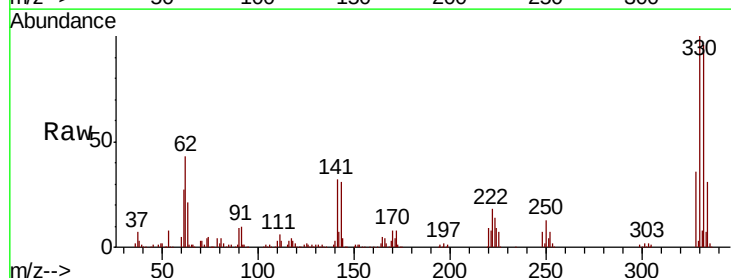
RT: 10.41 min Scan# 1440

Delta R.T. 0.24 min

Lab File: BF115313.D

Acq: 29 Jun 2019 10:33

Tgt Ion:	166	Resp:	24691
Ion	Ratio	Lower	Upper
166	100		
165	106.7	76.5	114.7
167	34.7	11.0	16.4#

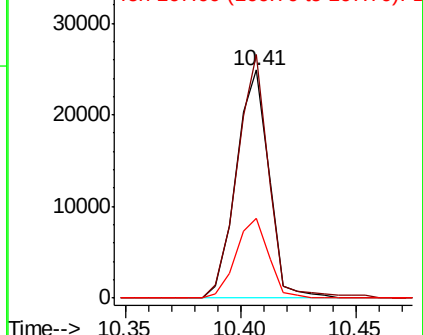
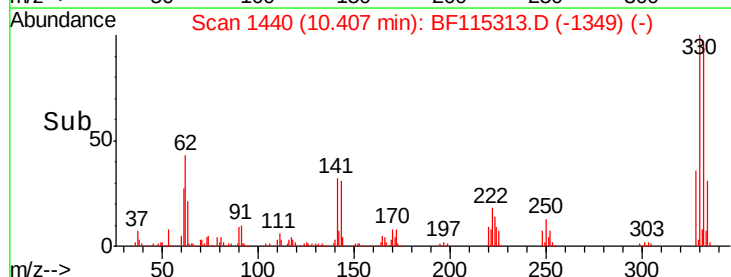


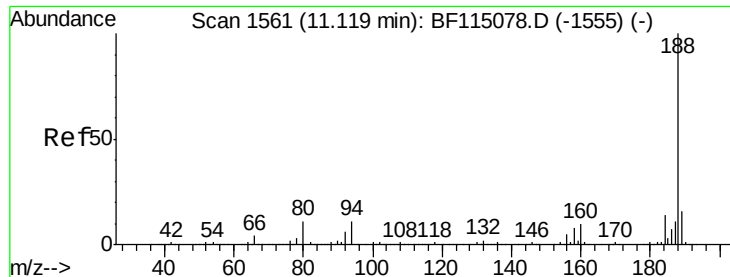
Abundance

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

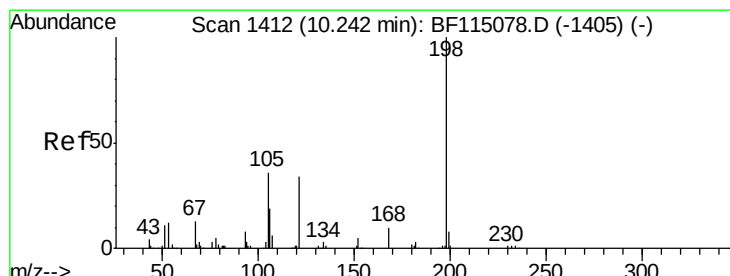
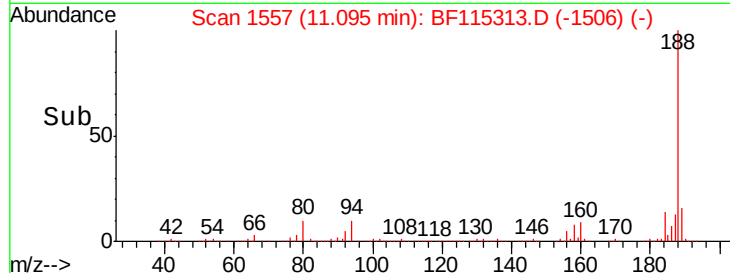
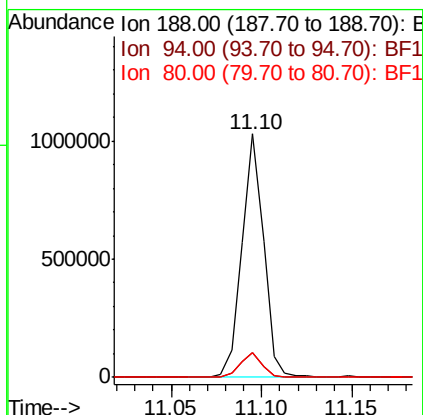
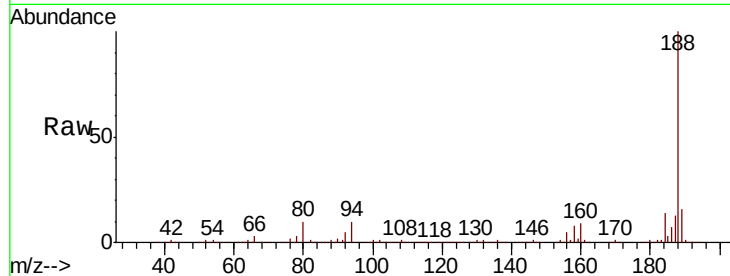




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.10 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BF115313.D
 Acq: 29 Jun 2019 10:33

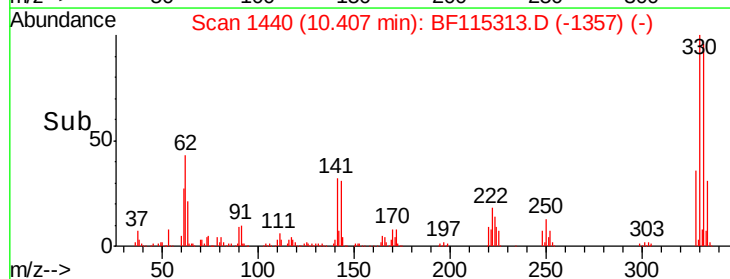
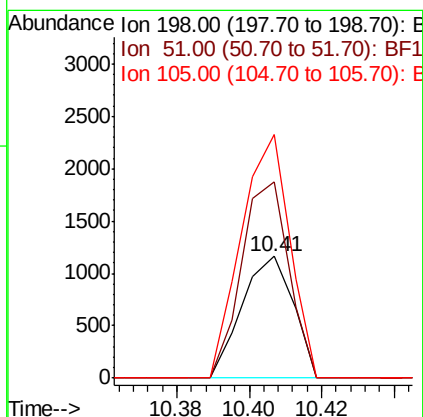
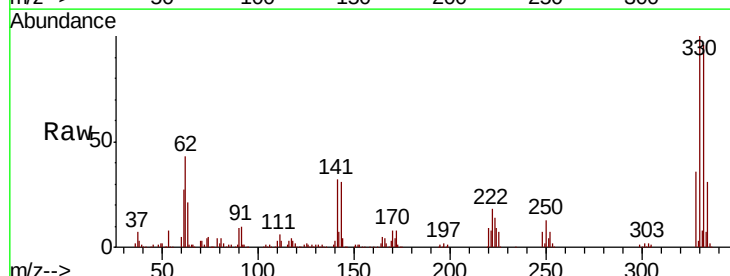
Instrument :
 BNA_F
 ClientSampleId :
 PB120999BL

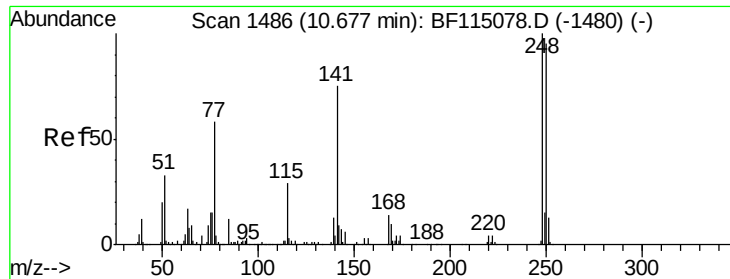
Tgt Ion:188 Resp: 858899
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.6 12.8
 80 10.0 8.8 13.2



#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.183 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.19 min
 Lab File: BF115313.D
 Acq: 29 Jun 2019 10:33

Tgt Ion:198 Resp: 1139
 Ion Ratio Lower Upper
 198 100
 51 160.8 11.0 51.0#
 105 199.7 17.3 57.3#

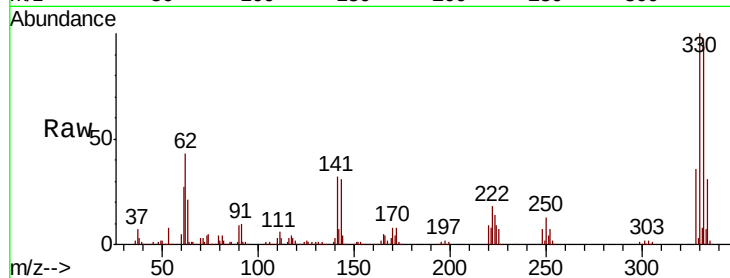




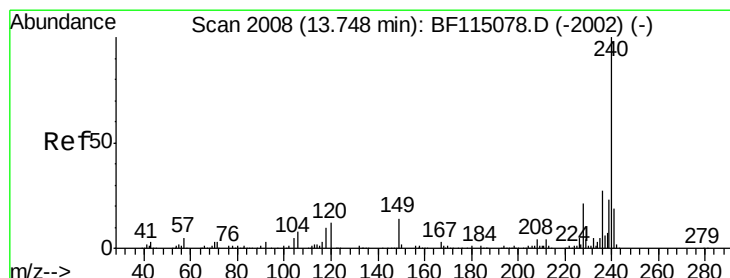
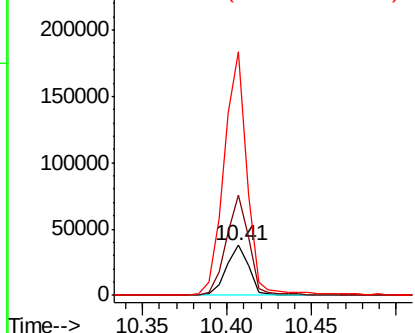
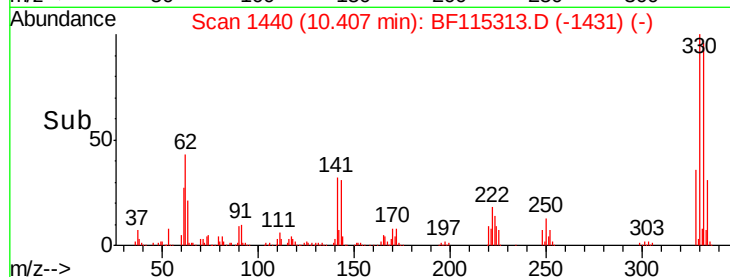
#67
 4-Bromophenyl-phenylether
 Concen: 3.771 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF115313.D
 Acq: 29 Jun 2019 10:33

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BL

Tgt Ion:248 Resp: 35118
 Ion Ratio Lower Upper
 248 100
 250 200.3 76.2 114.2#
 141 488.7 59.6 89.4#

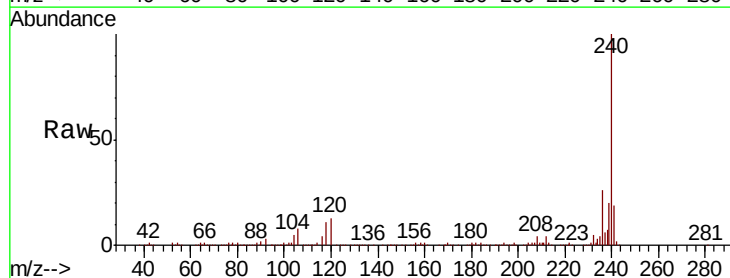


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

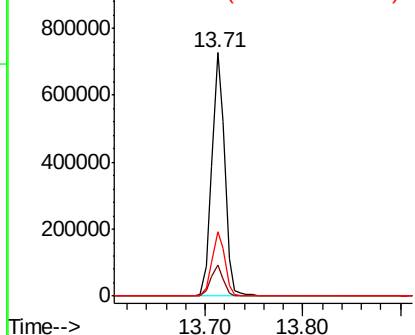
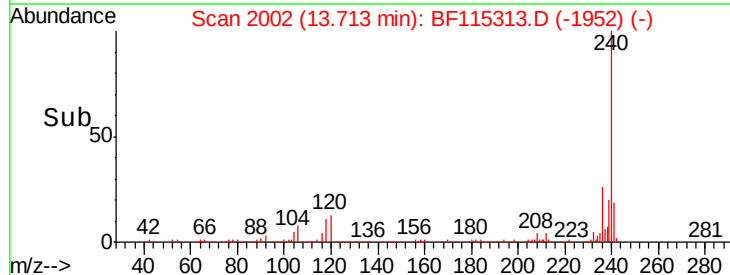


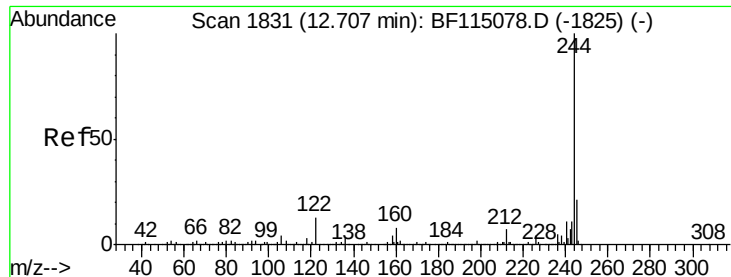
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.71 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF115313.D
 Acq: 29 Jun 2019 10:33

Tgt Ion:240 Resp: 667540
 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

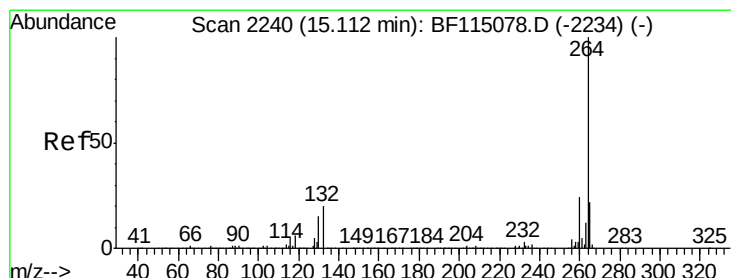
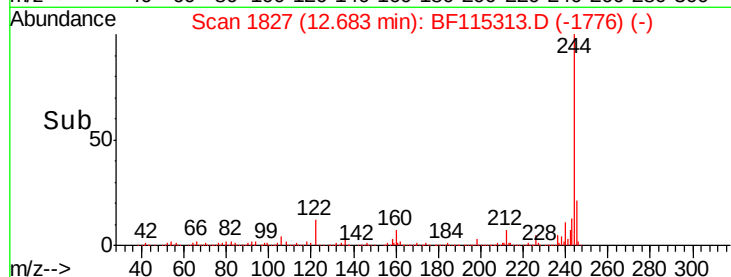
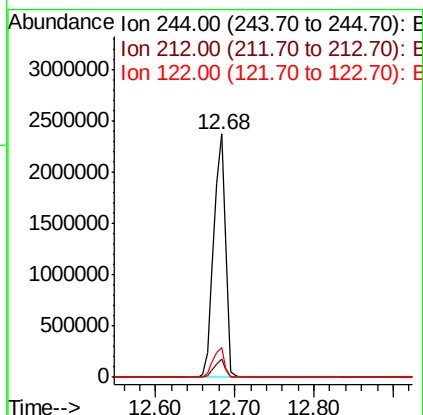
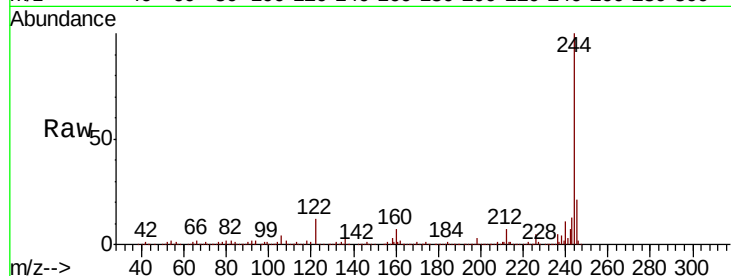




#79
 Terphenyl-d14
 Concen: 78.508 ng
 RT: 12.68 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF115313.D
 Acq: 29 Jun 2019 10:33

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BL

Tgt Ion:244 Resp: 2464898
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 12.1 10.4 15.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.08 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BF115313.D
 Acq: 29 Jun 2019 10:33

Tgt Ion:264 Resp: 715986
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 21.9 17.3 25.9

