

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071719\
 Data File : BF115623.D
 Acq On : 17 Jul 2019 15:10
 Operator : HP/JU
 Sample : PB121441BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121441BL

Quant Time: Jul 18 04:44:44 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

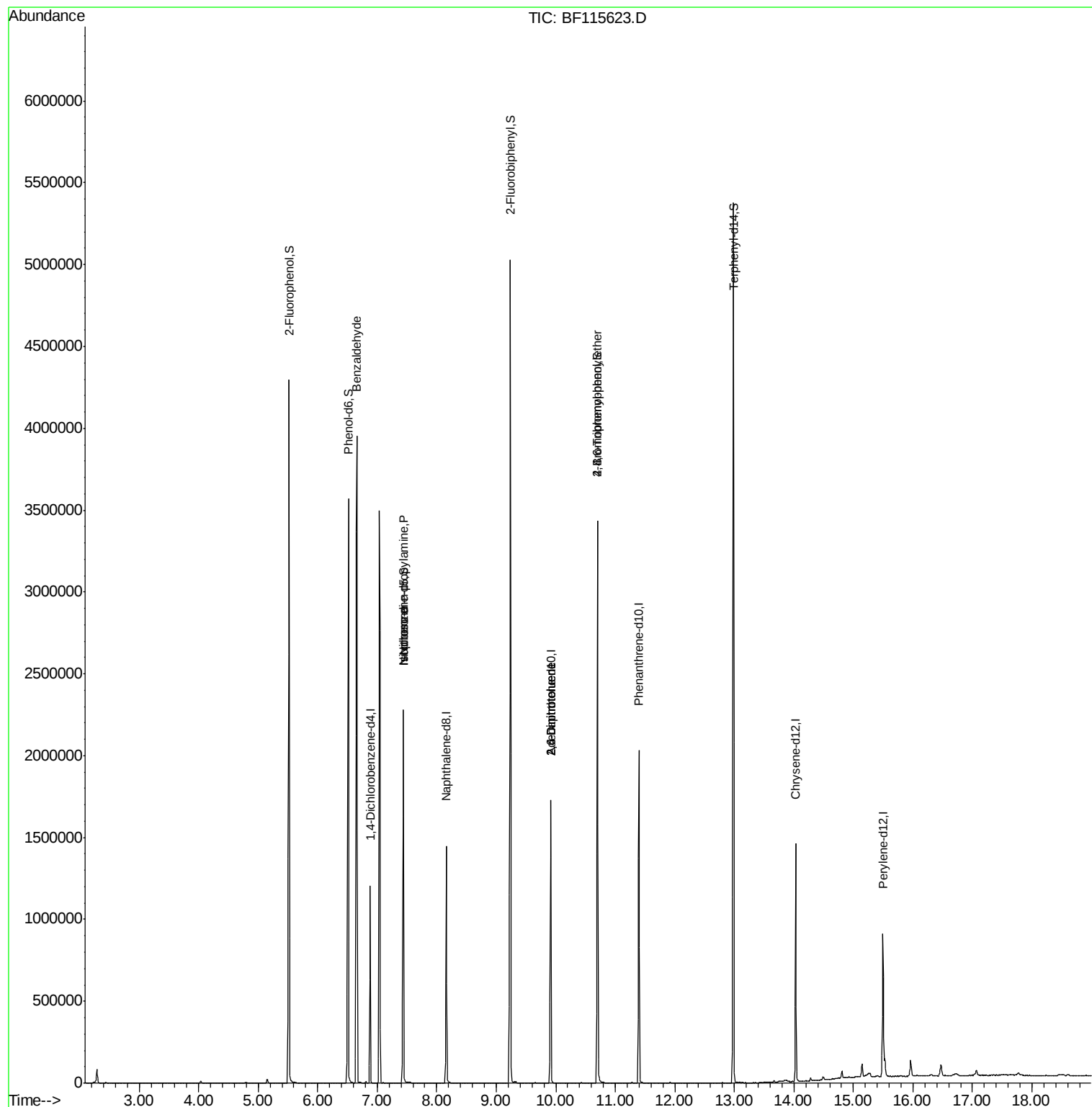
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	171097	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	687838	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	353095	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	694039	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	476920	20.00	ng	-0.02
87) Perylene-d12	15.50	264	407032	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1421388	135.89	ng	0.02
7) Phenol-d6	6.52	99	1538521	115.92	ng	0.00
23) Nitrobenzene-d5	7.44	82	1015661	85.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	500542	121.45	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	1857158	92.06	ng	-0.01
79) Terphenyl-d14	12.99	244	2130795	82.44	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.66	77	28178	3.397	ng	83
19) n-Nitroso-di-n-propylamine	7.44	70	135860	15.695	ng	# 78
25) Isophorone	7.44	82	992369	41.924	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	44534	7.377	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	44534	5.694	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	30767	3.879	ng	# 1

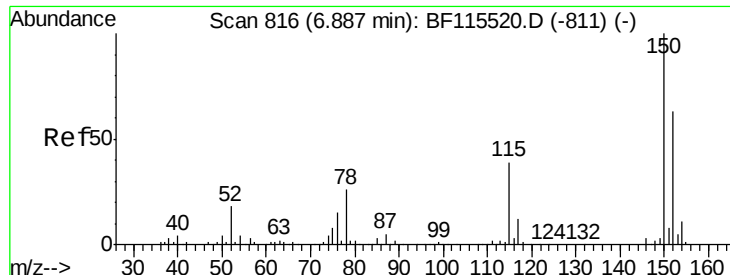
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 18 04:44:44 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: BF115623.D

Acq: 17 Jul 2019 15:10

Instrument :

BNA_F

ClientSampleId :

PB121441BL

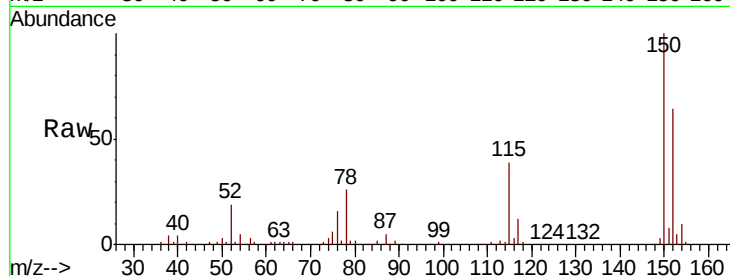
Tgt Ion:152 Resp: 171097

Ion Ratio Lower Upper

152 100

150 157.1 129.7 194.5

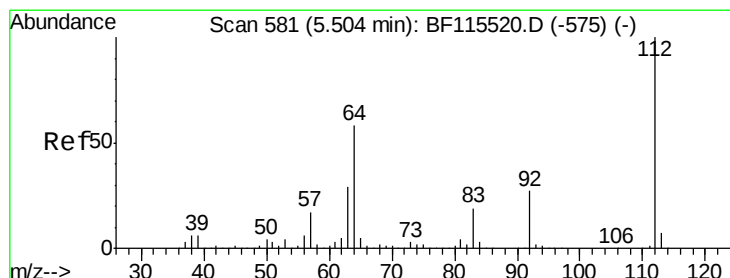
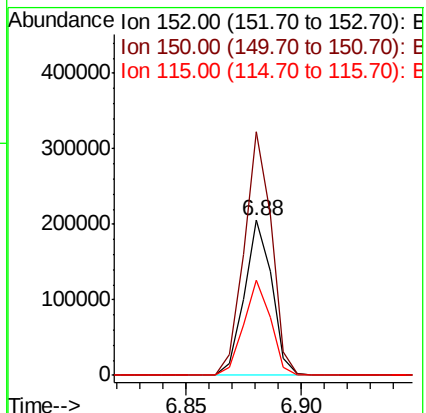
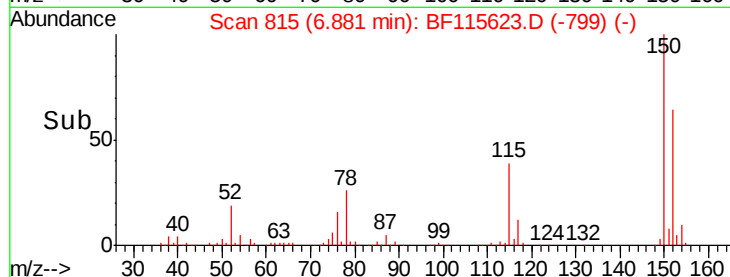
115 61.4 48.2 72.4



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: 135.887 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF115623.D

Acq: 17 Jul 2019 15:10

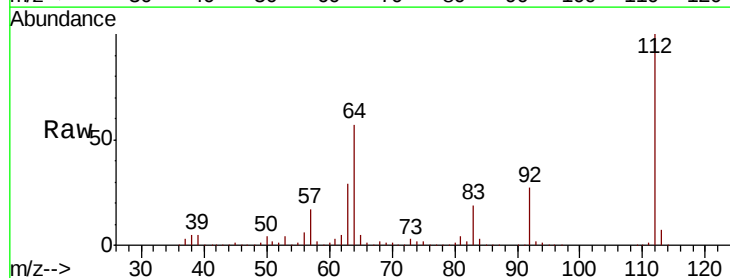
Tgt Ion:112 Resp: 1421388

Ion Ratio Lower Upper

112 100

64 56.7 46.8 70.2

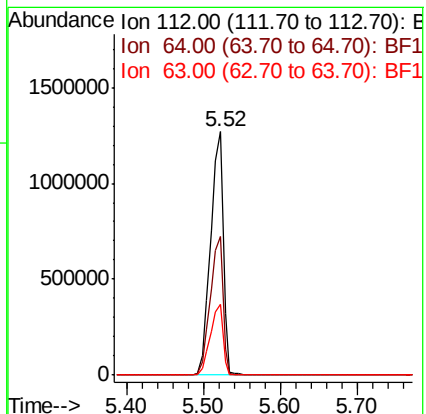
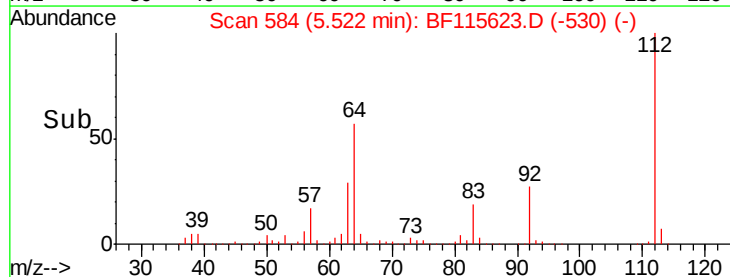
63 29.0 24.1 36.1

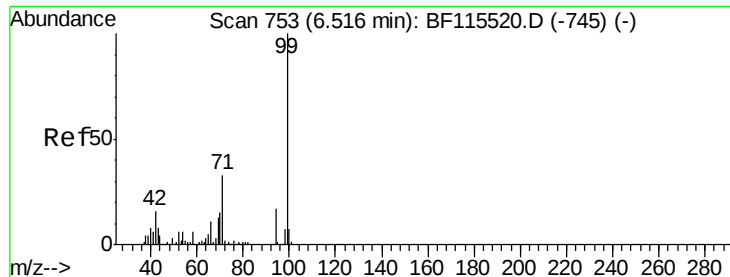


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 115.917 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115623.D

Acq: 17 Jul 2019 15:10

Instrument :

BNA_F

ClientSampleId :

PB121441BL

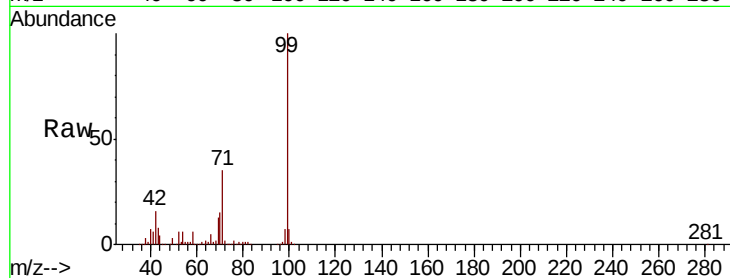
Tgt Ion: 99 Resp: 1538521

Ion Ratio Lower Upper

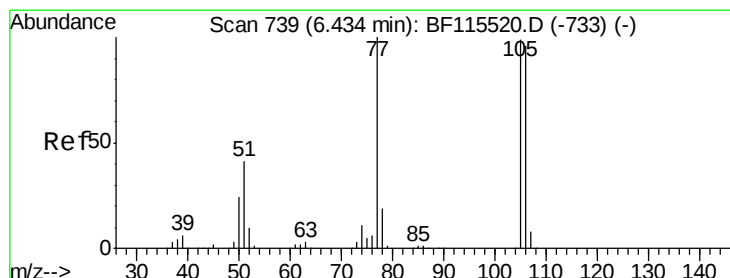
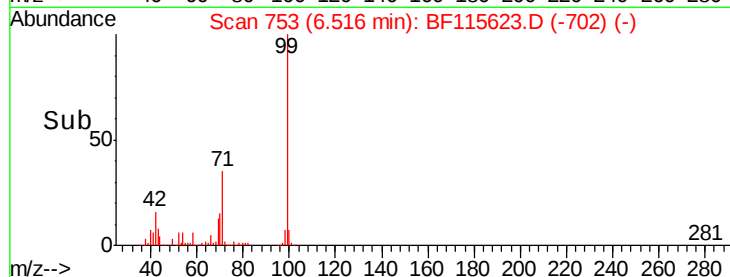
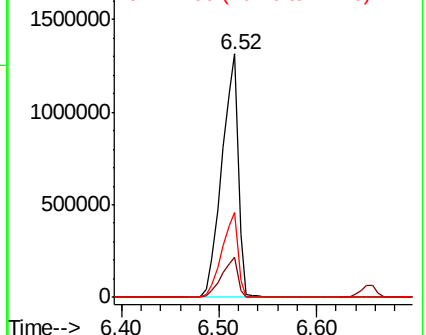
99 100

42 16.2 13.6 20.4

71 35.0 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



#9

Benzaldehyde

Concen: 3.397 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.22 min

Lab File: BF115623.D

Acq: 17 Jul 2019 15:10

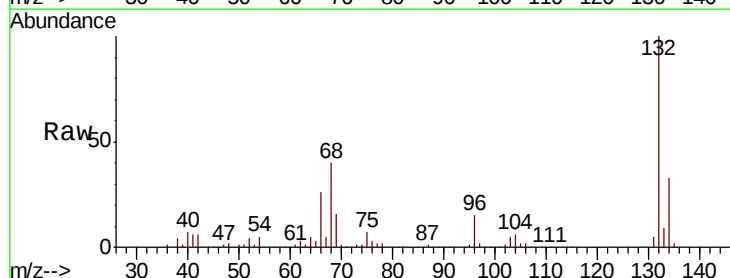
Tgt Ion: 77 Resp: 28178

Ion Ratio Lower Upper

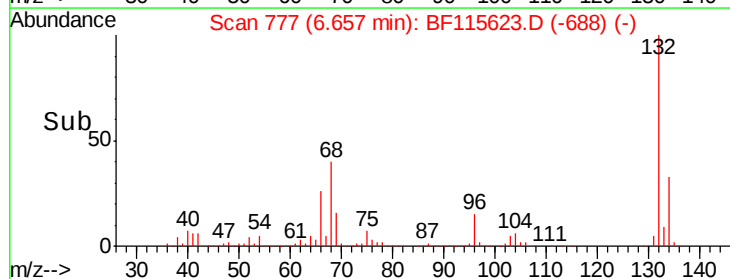
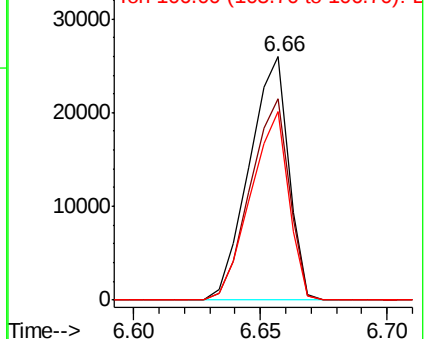
77 100

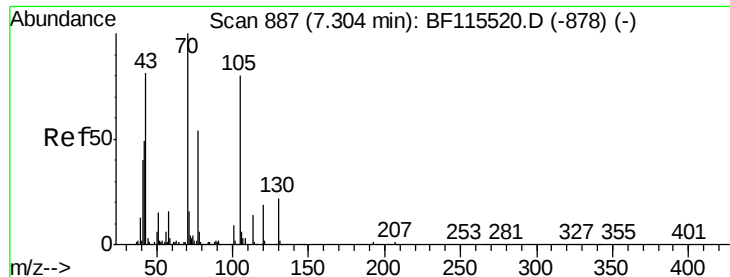
105 82.8 78.8 118.8

106 77.4 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

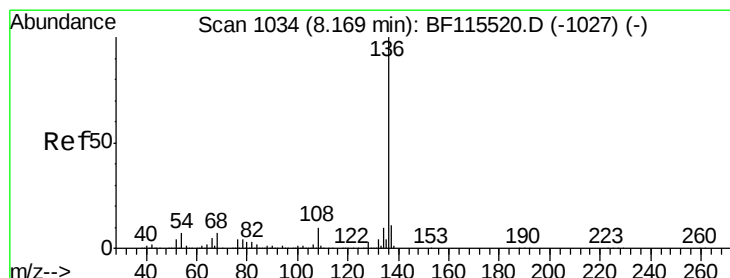
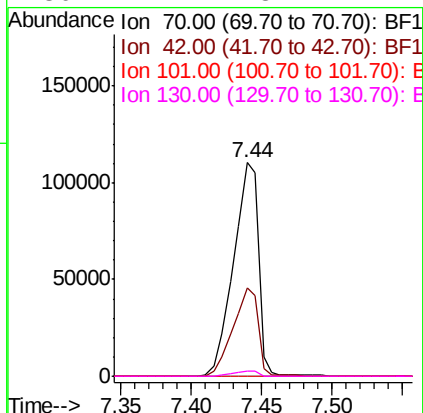
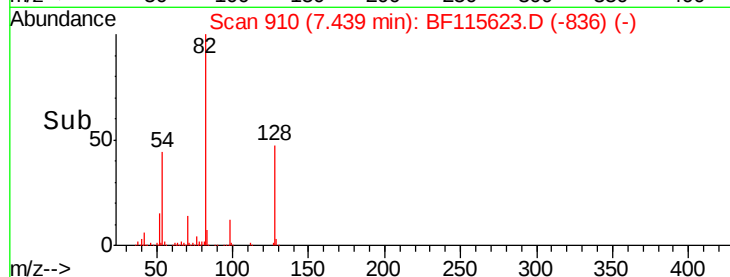
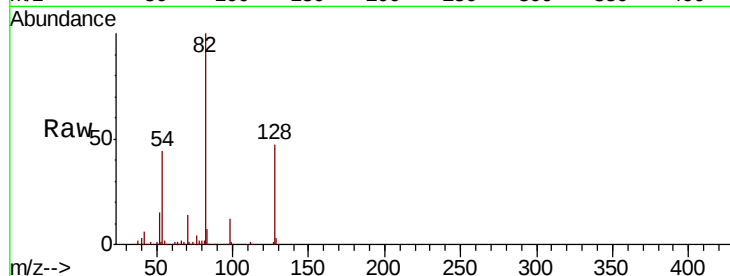




#19
n-Nitroso-di-n-propylamine
Concen: 15.695 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF115623.D
Acq: 17 Jul 2019 15:10

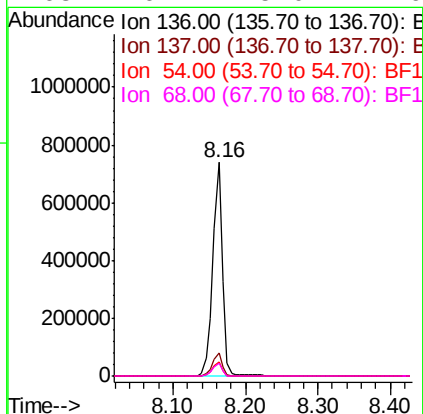
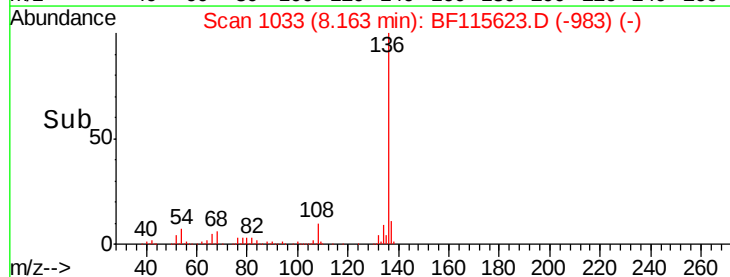
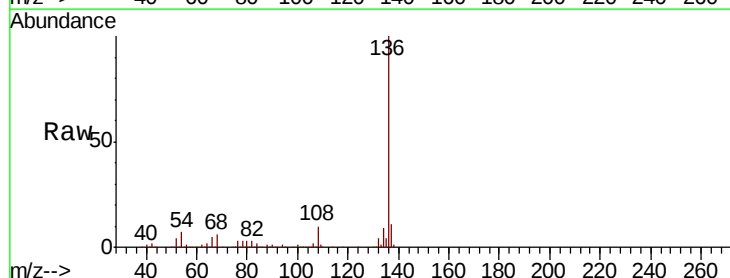
Instrument :
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PB121441BL

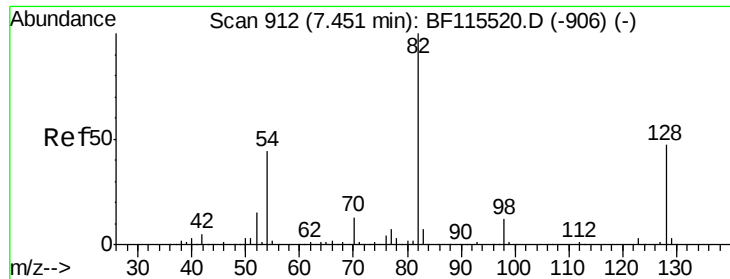
Tgt Ion: 70 Resp: 135860
Ion Ratio Lower Upper
70 100
42 41.6 39.6 59.4
101 0.0 8.1 12.1#
130 2.2 18.2 27.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115623.D
Acq: 17 Jul 2019 15:10

Tgt Ion: 136 Resp: 687838
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.6 5.6 8.4
68 6.1 5.0 7.6

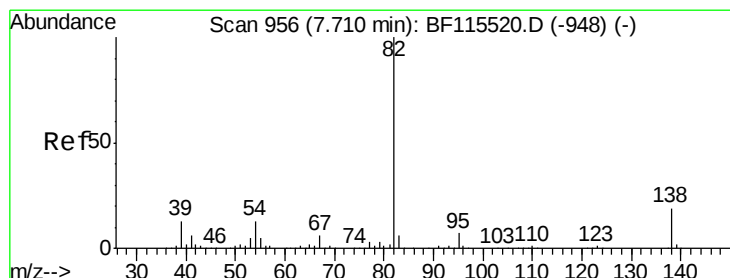
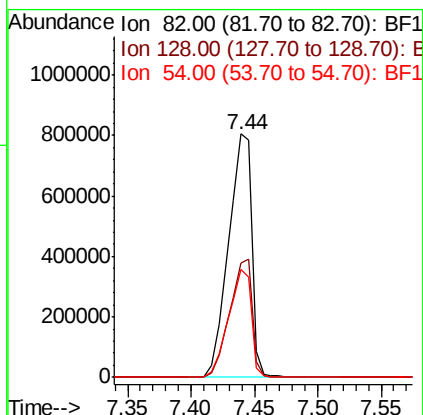
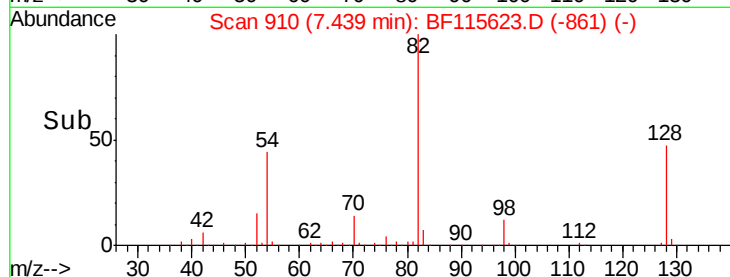
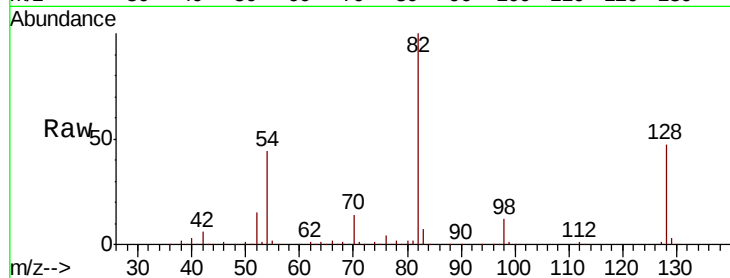




#23
Nitrobenzene-d5
Concen: 85.859 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115623.D
Acq: 17 Jul 2019 15:10

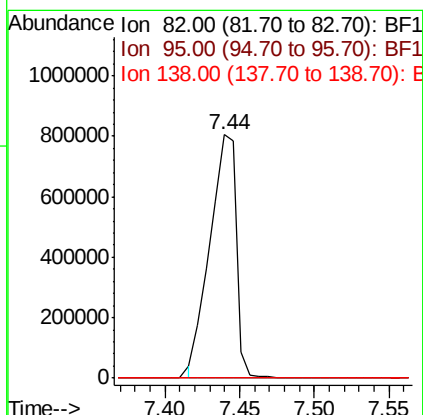
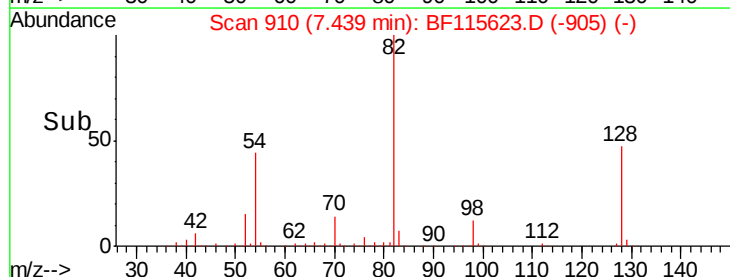
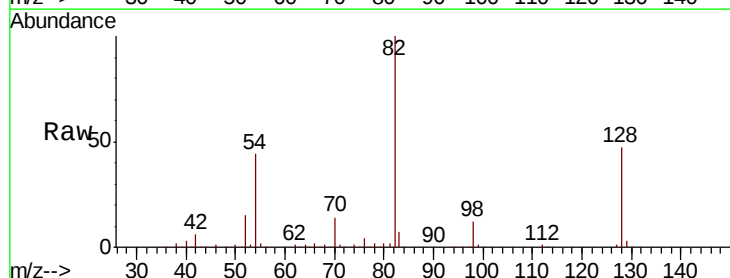
Instrument :
BNA_F
ClientSampleId :
PB121441BL

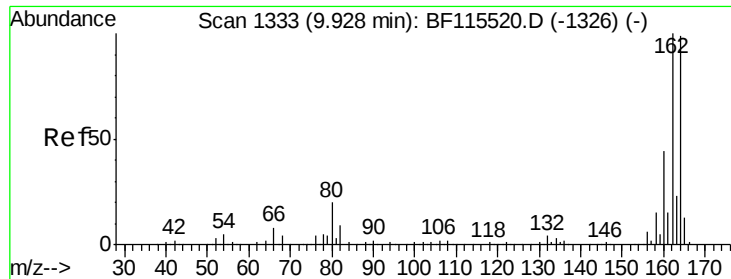
Tgt Ion: 82 Resp: 1015661
Ion Ratio Lower Upper
82 100
128 46.7 38.6 57.8
54 44.3 35.6 53.4



#25
Isophorone
Concen: 41.924 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF115623.D
Acq: 17 Jul 2019 15:10

Tgt Ion: 82 Resp: 992369
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.9 22.3#

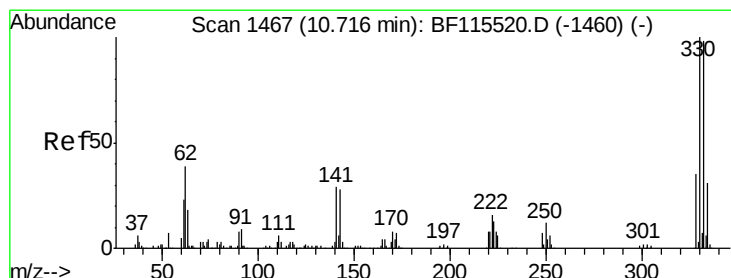
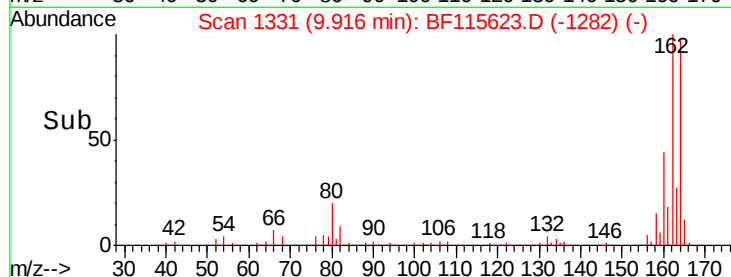
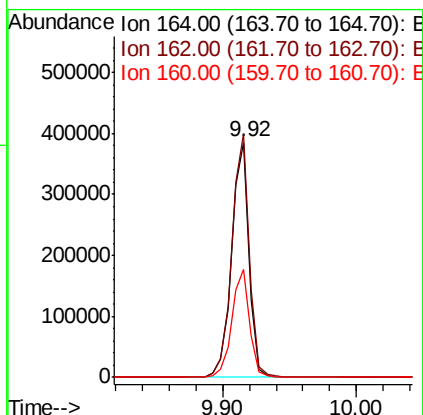
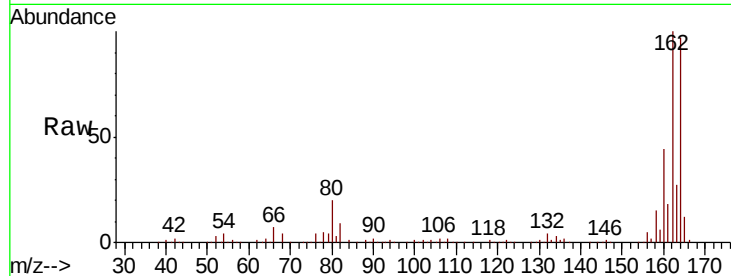




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF115623.D
 Acq: 17 Jul 2019 15:10

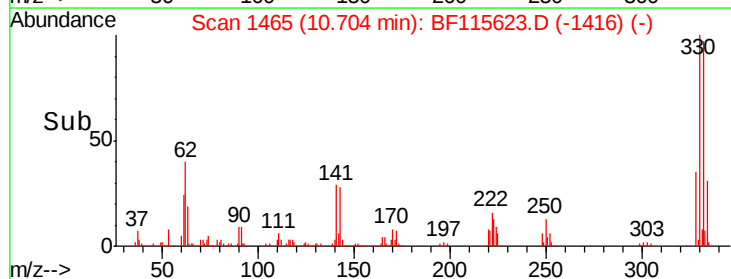
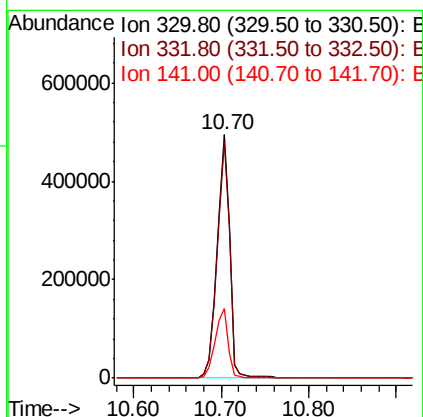
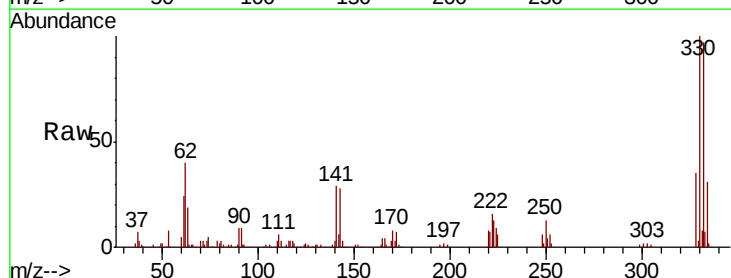
Instrument :
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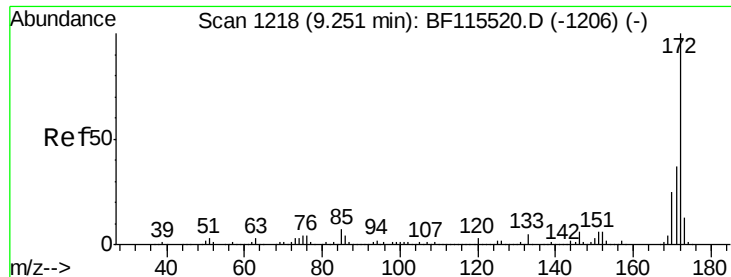
Tgt Ion:164 Resp: 353095
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.9 124.3
 160 45.9 36.8 55.2



#42
 2,4,6-Tribromophenol
 Concen: 121.447 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115623.D
 Acq: 17 Jul 2019 15:10

Tgt Ion:330 Resp: 500542
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 29.5 22.4 33.6

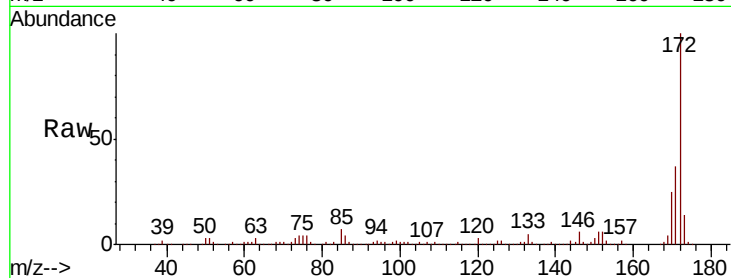




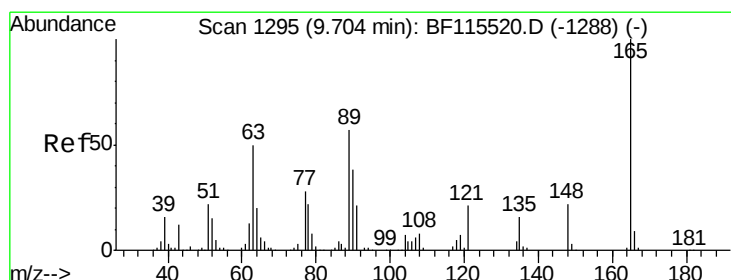
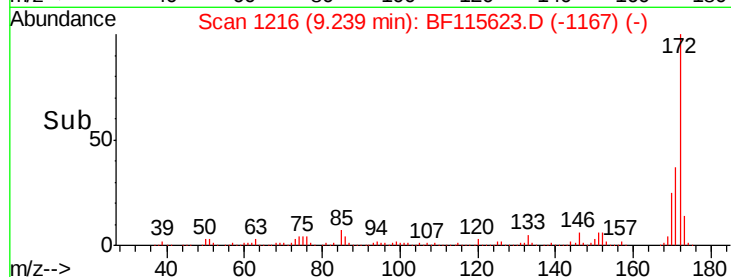
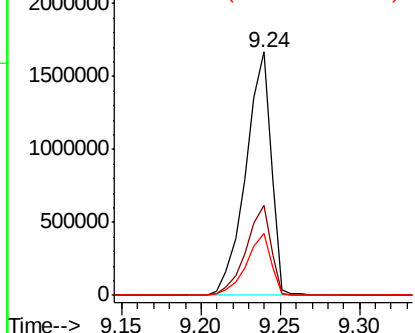
#45
 2-Fluorobiphenyl
 Concen: 92.059 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115623.D
 Acq: 17 Jul 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB121441BL

Tgt Ion:172 Resp: 1857158
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.6 46.0
 170 25.3 20.5 30.7

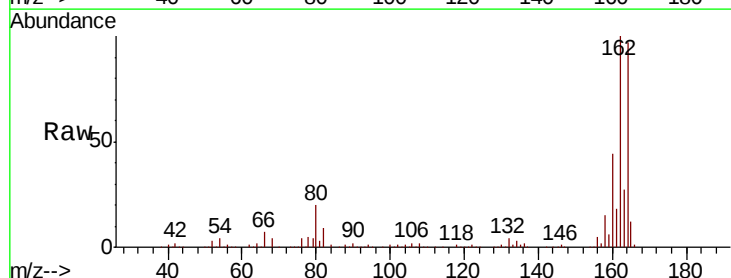


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

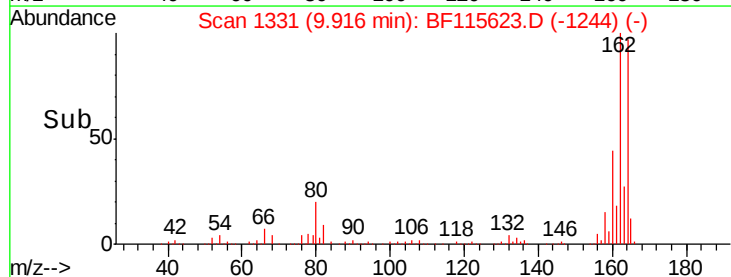
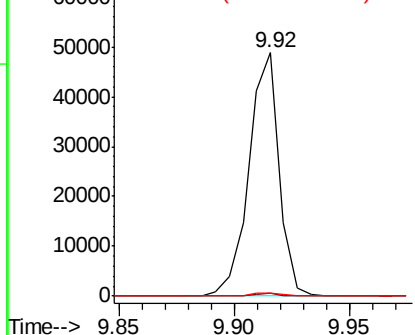


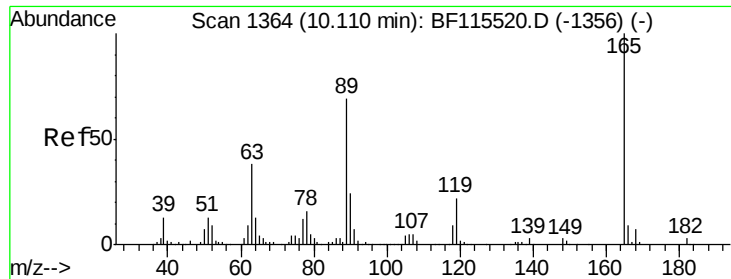
#51
 2,6-Dinitrotoluene
 Concen: 7.377 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF115623.D
 Acq: 17 Jul 2019 15:10

Tgt Ion:165 Resp: 44534
 Ion Ratio Lower Upper
 165 100
 63 1.4 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

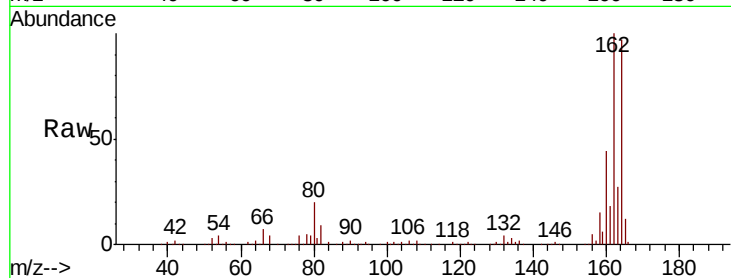




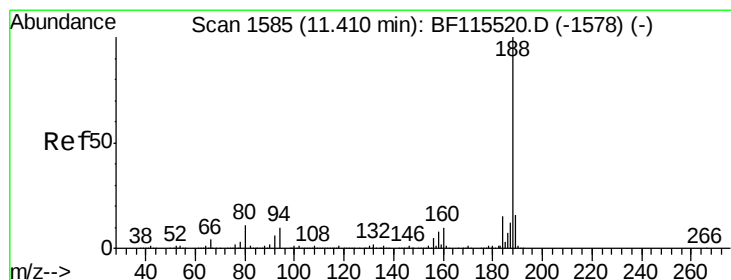
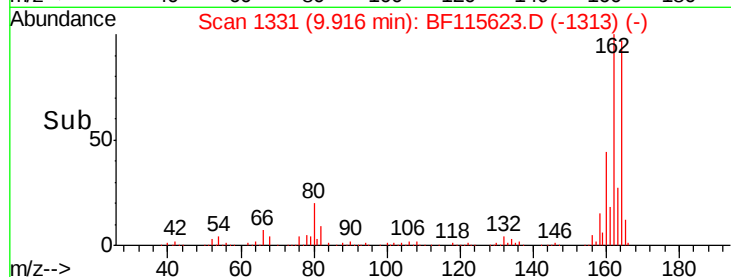
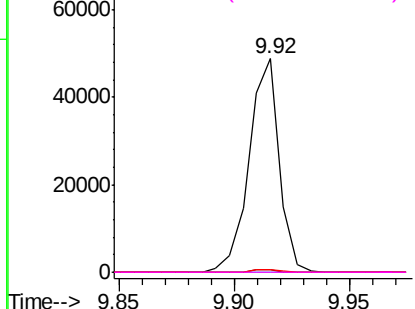
#57
 2,4-Dinitrotoluene
 Concen: 5.694 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF115623.D
 Acq: 17 Jul 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB121441BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.9	52.3#
89	1.5	57.5	86.3#
182	0.0	2.2	3.4#

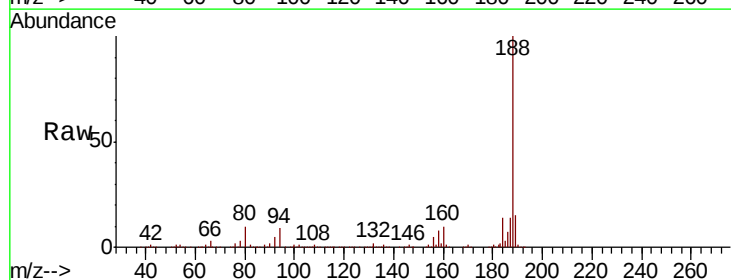


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

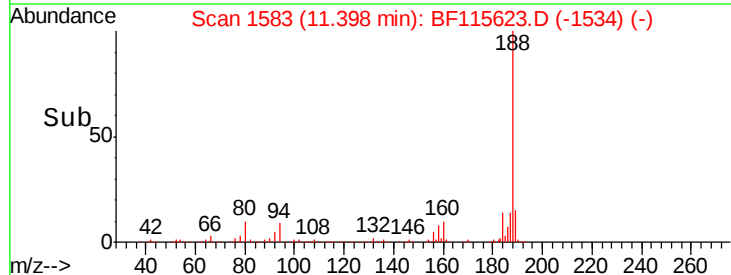
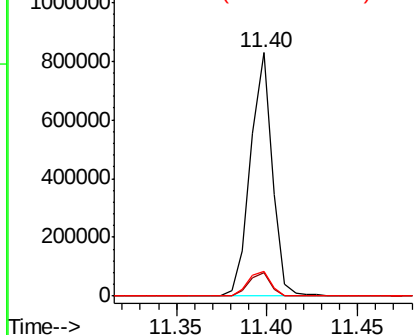


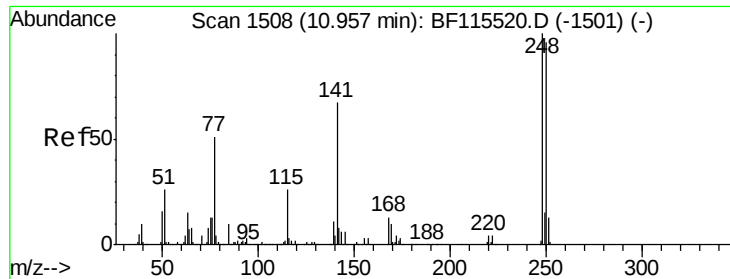
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF115623.D
 Acq: 17 Jul 2019 15:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.8	11.6
80	10.4	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

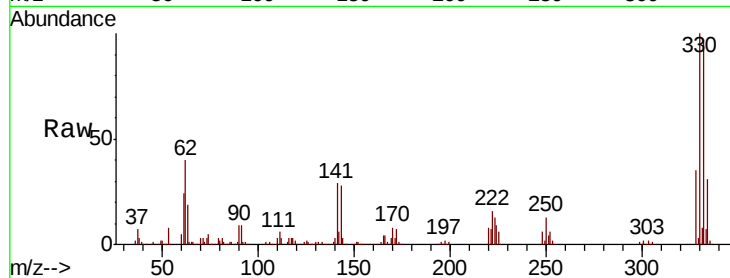




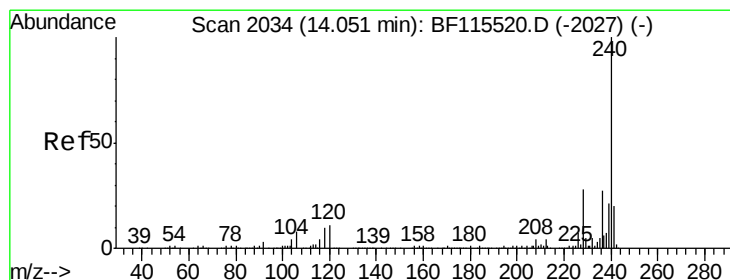
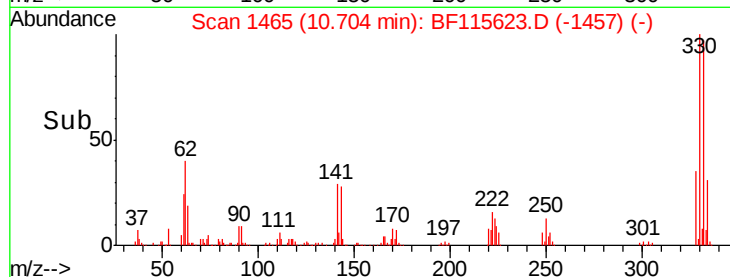
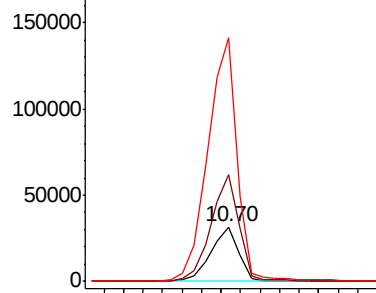
#67
4-Bromophenyl-phenylether
Concen: 3.879 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF115623.D
Acq: 17 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
PB121441BL

Tgt Ion: 248 Resp: 30767
Ion Ratio Lower Upper
248 100
250 196.6 78.0 117.0#
141 449.2 57.7 86.5#

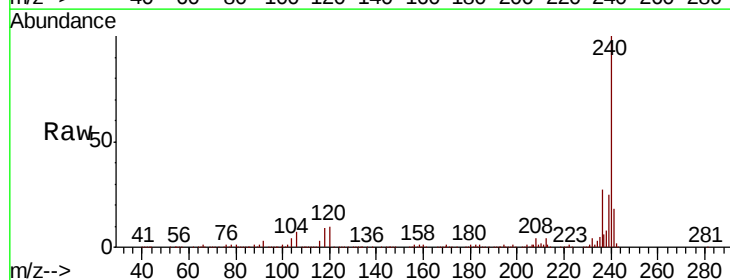


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

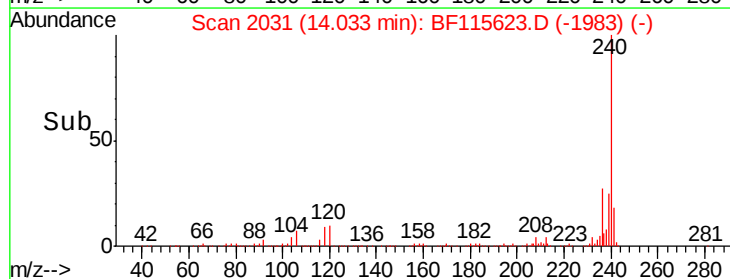
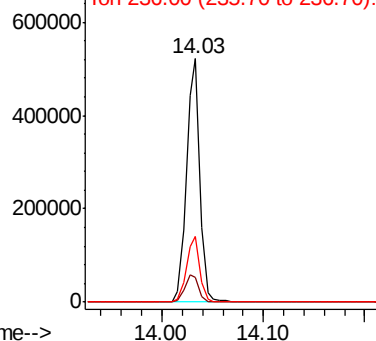


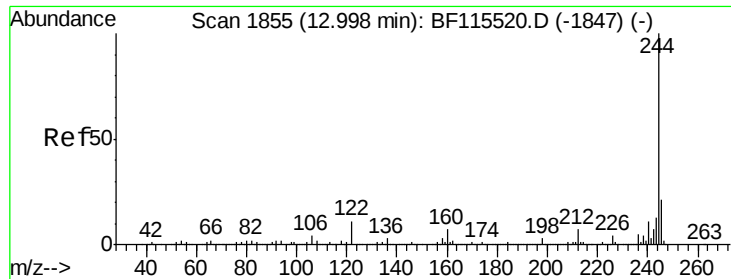
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF115623.D
Acq: 17 Jul 2019 15:10

Tgt Ion: 240 Resp: 476920
Ion Ratio Lower Upper
240 100
120 10.1 8.6 13.0
236 26.9 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: 82.439 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115623.D

Acq: 17 Jul 2019 15:10

Instrument :

BNA_F

ClientSampleId :

PB121441BL

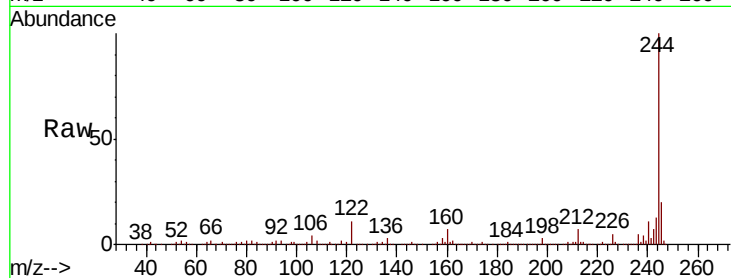
Tgt Ion:244 Resp: 2130795

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

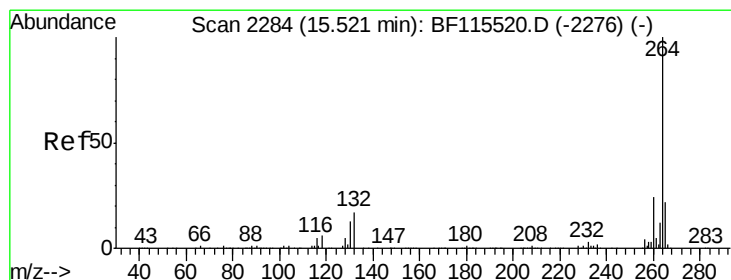
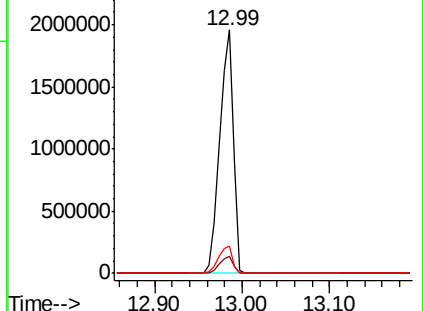
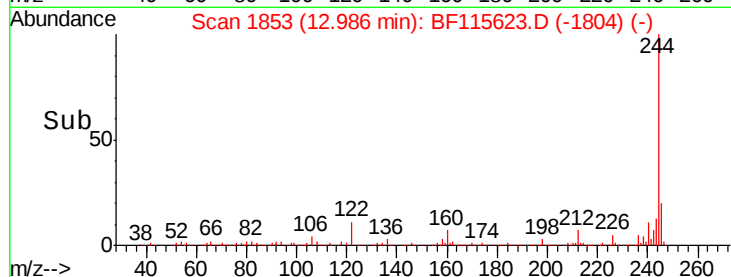
122 11.0 8.6 12.8



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: 15.50 min Scan# 2280

Delta R.T. -0.02 min

Lab File: BF115623.D

Acq: 17 Jul 2019 15:10

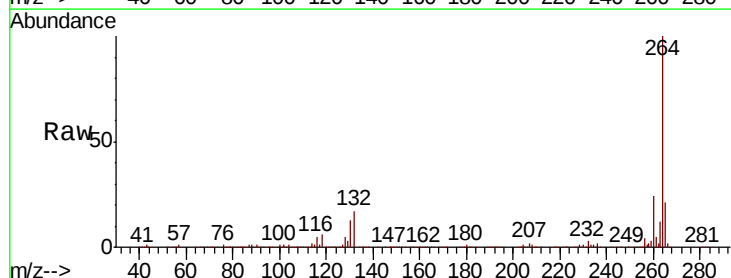
Tgt Ion:264 Resp: 407032

Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.8

265 21.5 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

