

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071719\
 Data File : BF115630.D
 Acq On : 17 Jul 2019 18:58
 Operator : HP/JU
 Sample : K3835-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(0-2)

Quant Time: Jul 18 04:47:01 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

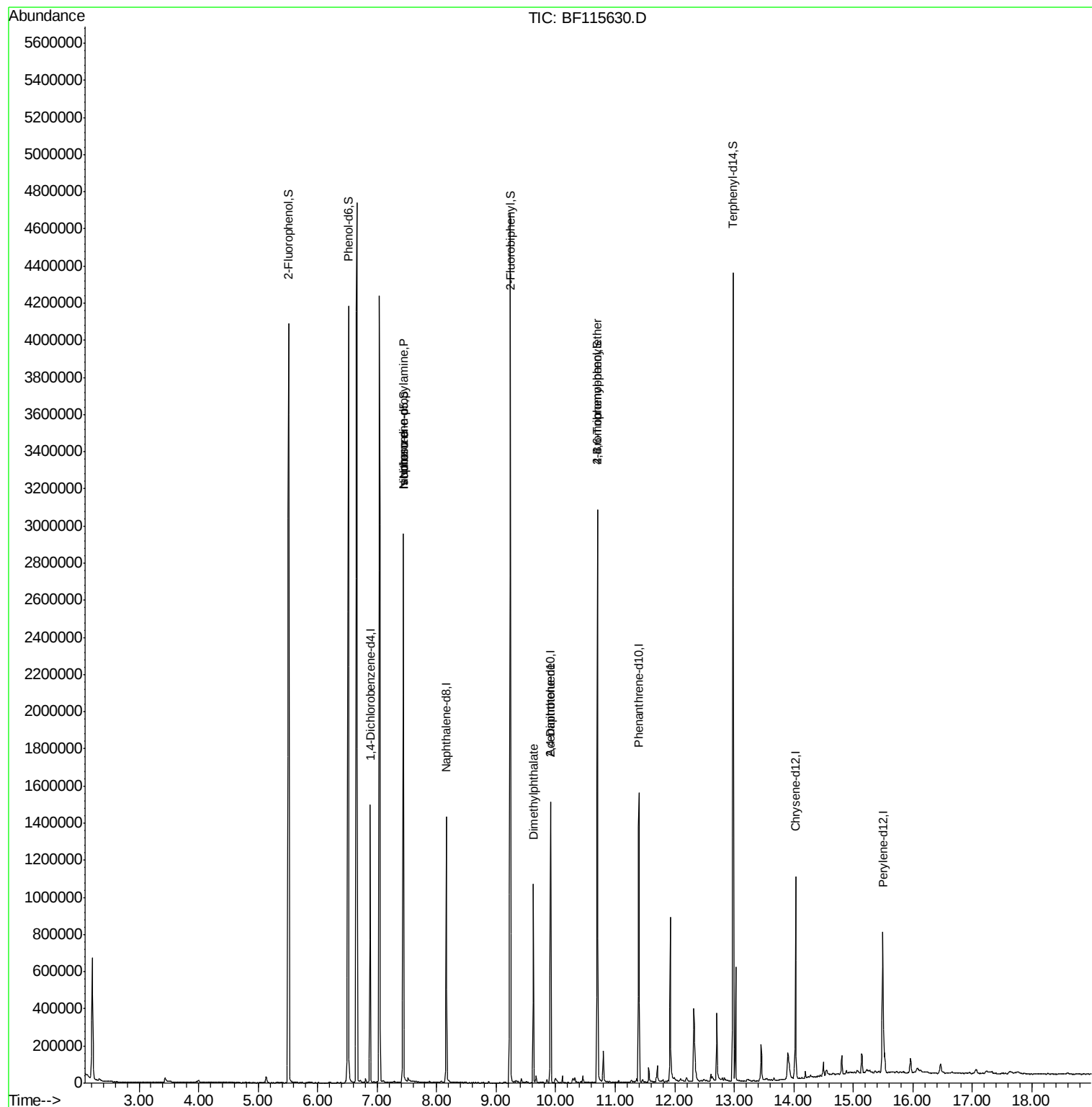
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	197814	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	666930	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	319015	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	561529	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	324604	20.00	ng	-0.02
87) Perylene-d12	15.49	264	344742	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1428083	118.09	ng	0.00
7) Phenol-d6	6.52	99	1926118	125.52	ng	0.00
23) Nitrobenzene-d5	7.44	82	1233170	107.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	449612	120.74	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	1696017	93.05	ng	-0.01
79) Terphenyl-d14	12.98	244	1553292	88.29	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	165529	16.540	ng	# 80
25) Isophorone	7.44	82	1214733	52.927	ng	# 64
50) Dimethylphthalate	9.62	163	403902	16.828	ng	99
57) 2,4-Dinitrotoluene	9.91	165	39947	5.653	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	27564	4.296	ng	# 1

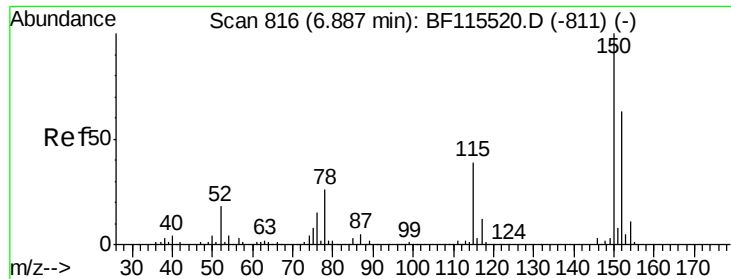
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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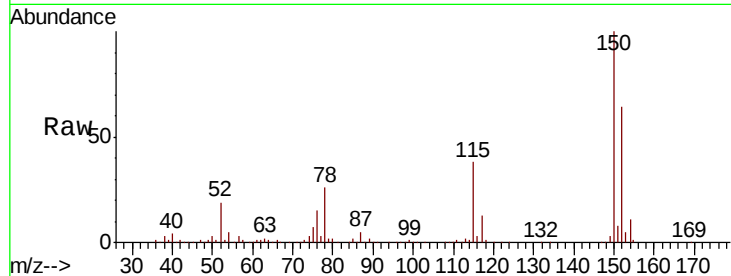


#1

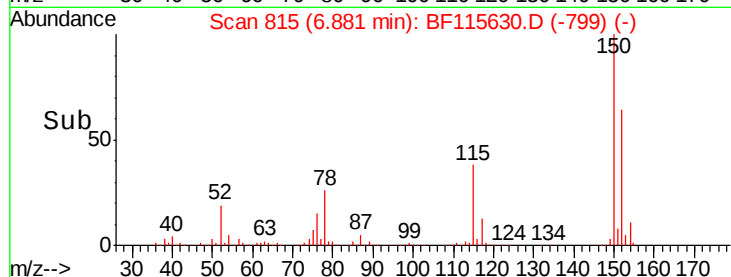
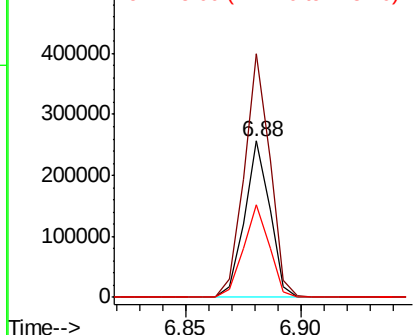
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115630.D
Acq: 17 Jul 2019 18:58

Instrument :
BNA_F
ClientSampleId :
SB-2(0-2)

Tgt Ion:152 Resp: 197814
Ion Ratio Lower Upper
152 100
150 156.0 129.7 194.5
115 59.7 48.2 72.4



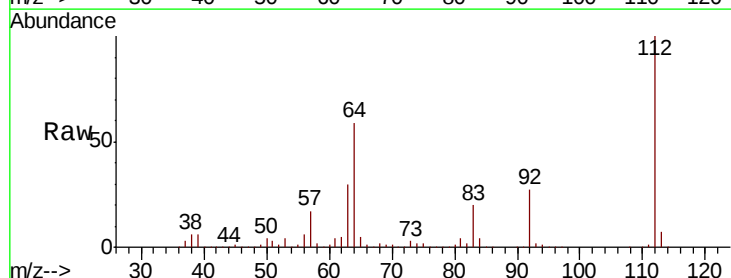
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



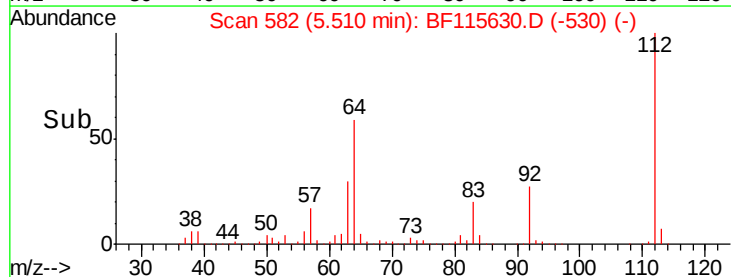
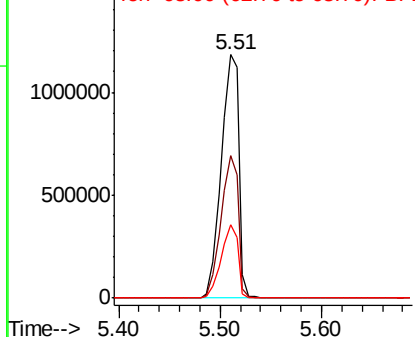
#5

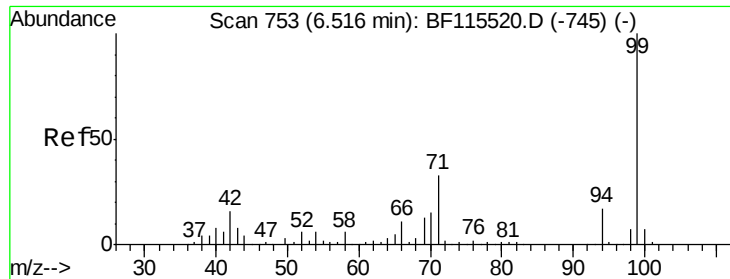
2-Fluorophenol
Concen: 118.087 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115630.D
Acq: 17 Jul 2019 18:58

Tgt Ion:112 Resp: 1428083
Ion Ratio Lower Upper
112 100
64 58.5 46.8 70.2
63 30.0 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: 125.519 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115630.D

Acq: 17 Jul 2019 18:58

Instrument :

BNA_F

ClientSampleId :

SB-2(0-2)

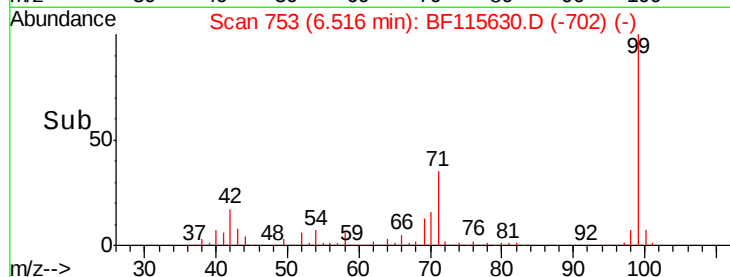
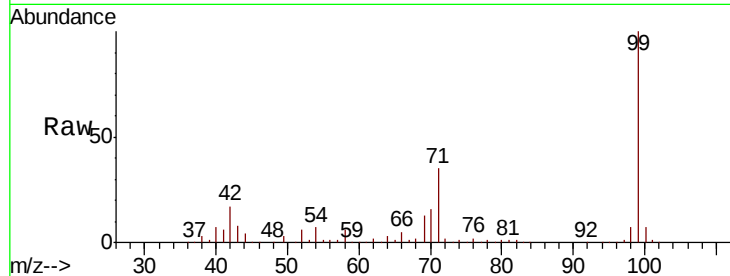
Tgt Ion: 99 Resp: 1926118

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

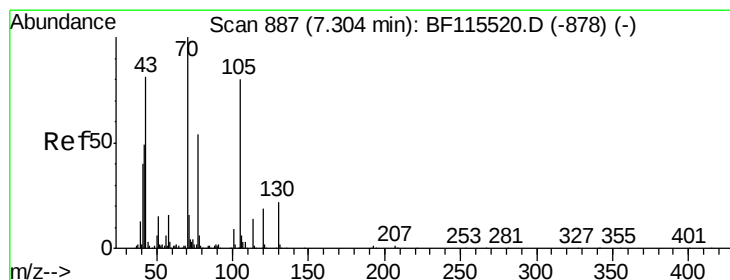
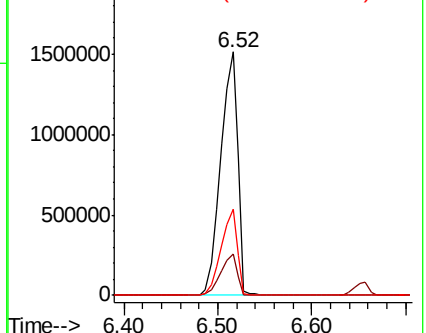
71 35.4 28.5 42.7



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: 16.540 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115630.D

Acq: 17 Jul 2019 18:58

Tgt Ion: 70 Resp: 165529

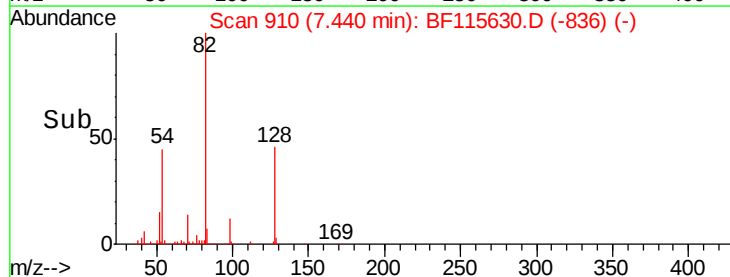
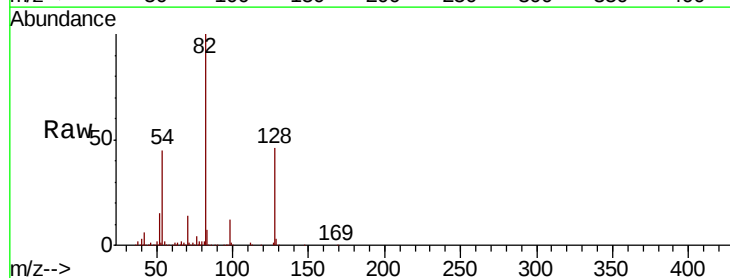
Ion Ratio Lower Upper

70 100

42 43.3 39.6 59.4

101 0.0 8.1 12.1#

130 2.5 18.2 27.2#

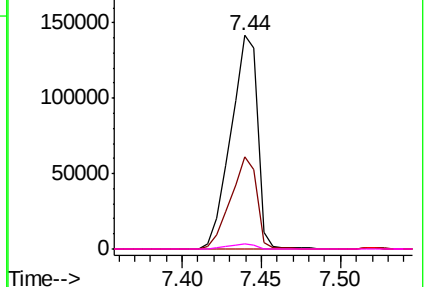


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): B

Ion 130.00 (129.70 to 130.70): B

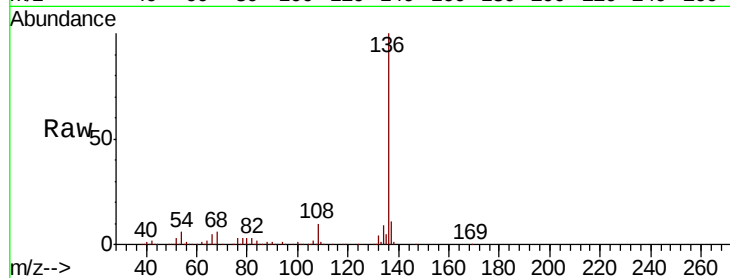




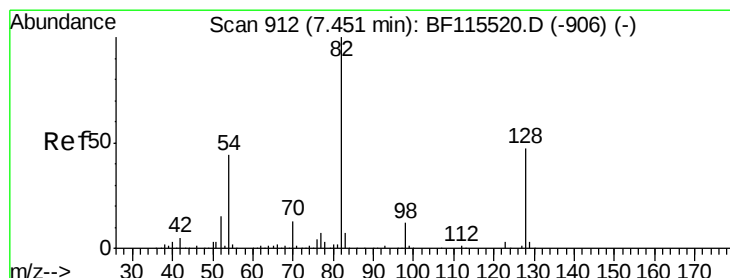
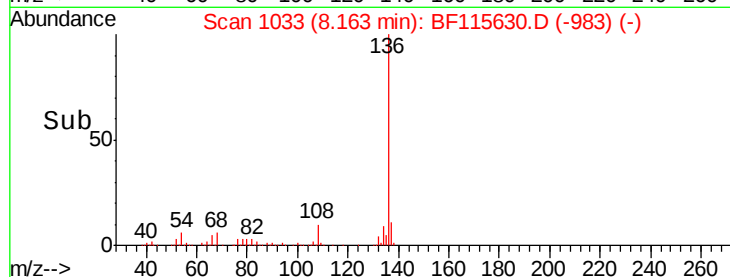
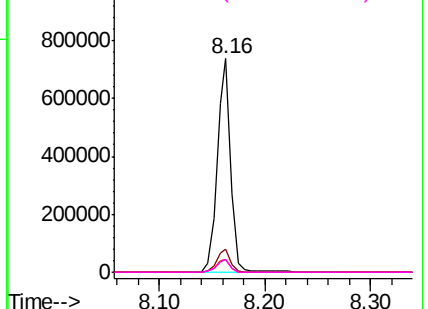
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115630.D
Acq: 17 Jul 2019 18:58

Instrument :
BNA_F
ClientSampleId :
SB-2(0-2)

Tgt Ion:	136	Resp:	666930
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.2	5.6	8.4
68	5.8	5.0	7.6

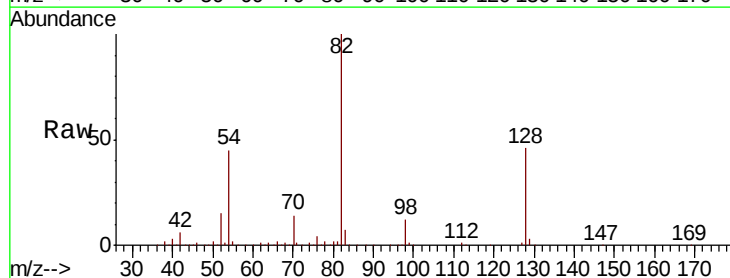


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

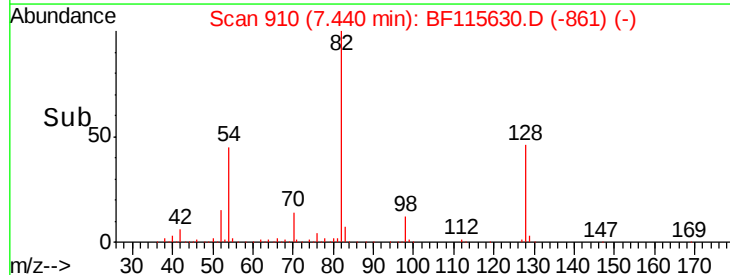
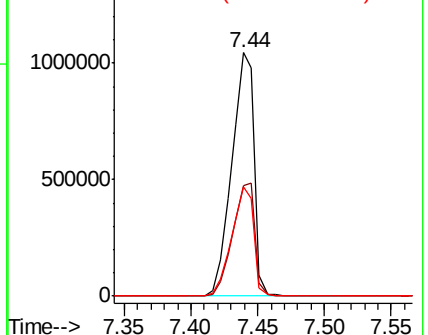


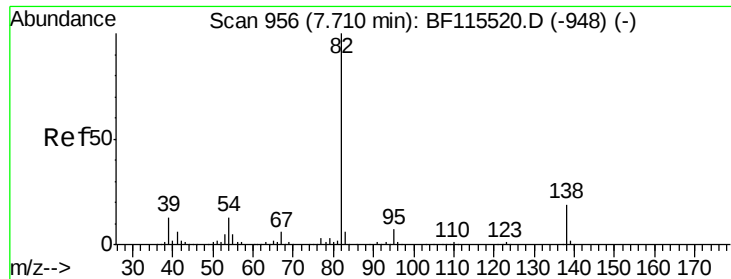
#23
Nitrobenzene-d5
Concen: 107.515 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115630.D
Acq: 17 Jul 2019 18:58

Tgt Ion:	82	Resp:	1233170
Ion	Ratio	Lower	Upper
82	100		
128	45.6	38.6	57.8
54	44.7	35.6	53.4



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





#25

Isophorone

Concen: 52.927 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115630.D

Acq: 17 Jul 2019 18:58

Instrument :

BNA_F

ClientSampled :

SB-2(0-2)

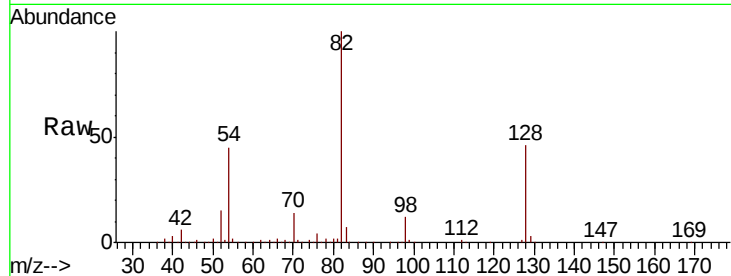
Tgt Ion: 82 Resp: 1214733

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

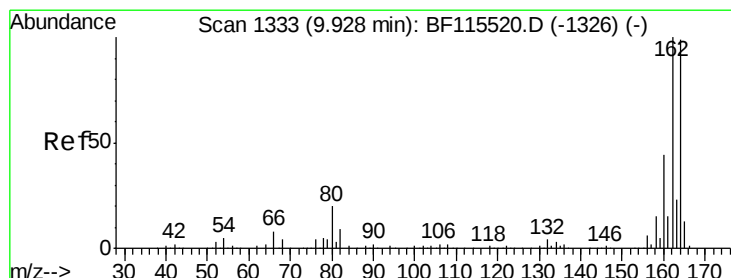
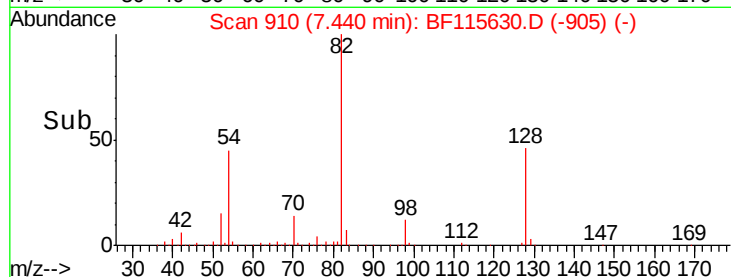
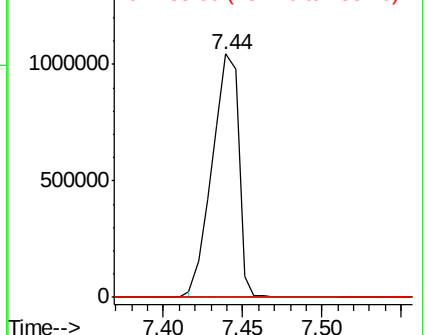
138 0.0 14.9 22.3#



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): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF115630.D

Acq: 17 Jul 2019 18:58

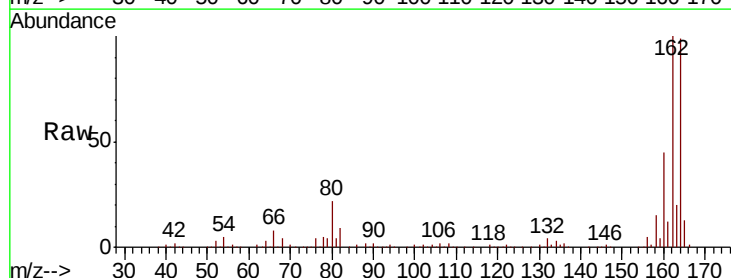
Tgt Ion: 164 Resp: 319015

Ion Ratio Lower Upper

164 100

162 101.0 82.9 124.3

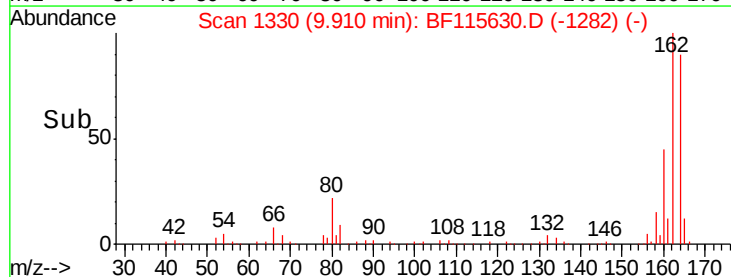
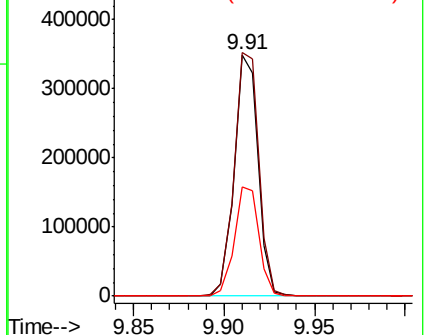
160 45.1 36.8 55.2

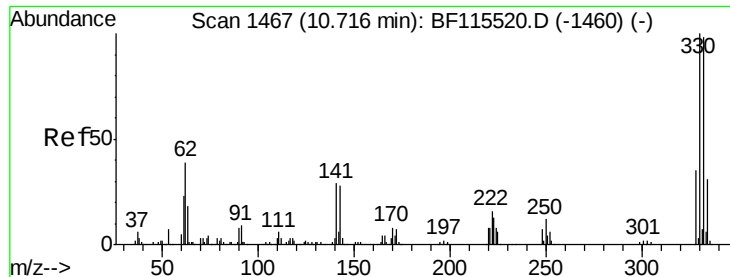


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

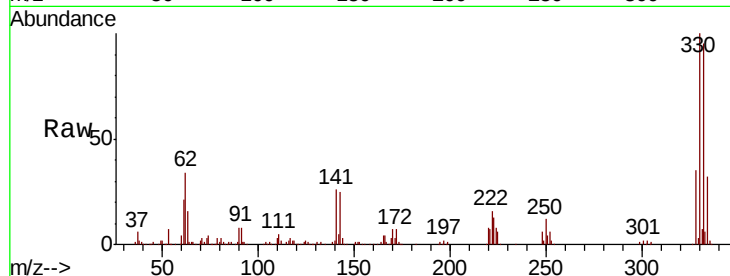




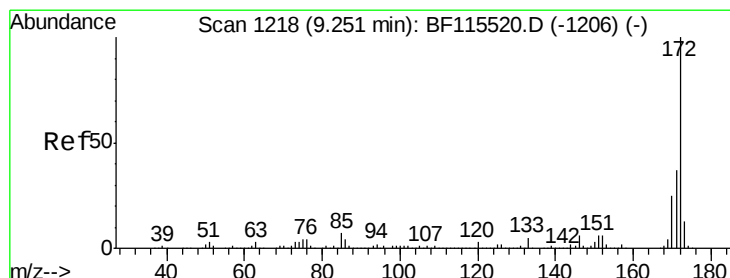
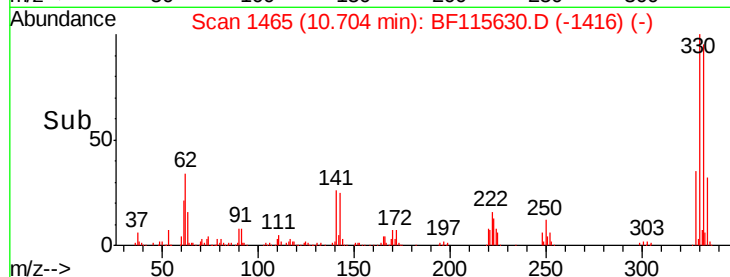
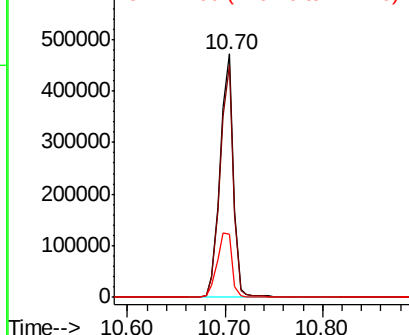
#42
 2,4,6-Tribromophenol
 Concen: 120.744 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115630.D
 Acq: 17 Jul 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(0-2)

Tgt Ion:330 Resp: 449612
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 29.8 22.4 33.6

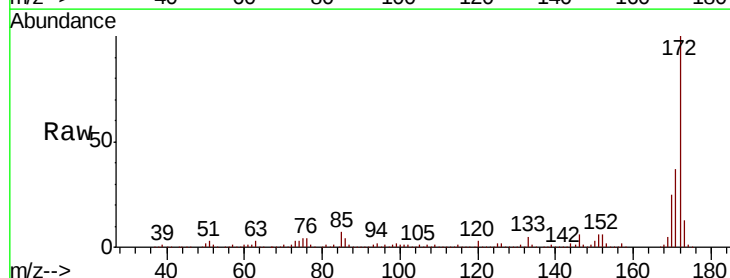


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

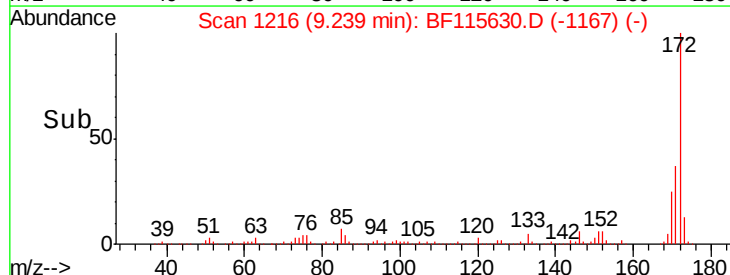
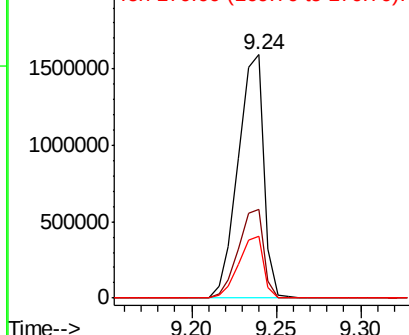


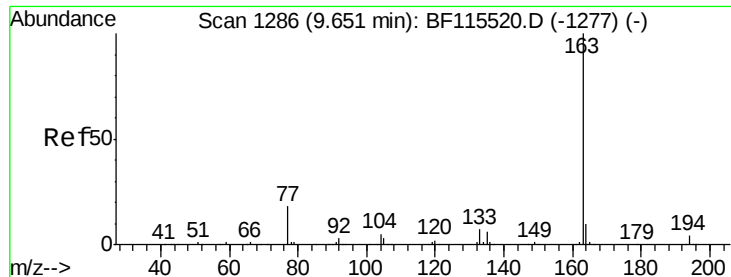
#45
 2-Fluorobiphenyl
 Concen: 93.052 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115630.D
 Acq: 17 Jul 2019 18:58

Tgt Ion:172 Resp: 1696017
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.6 46.0
 170 25.2 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

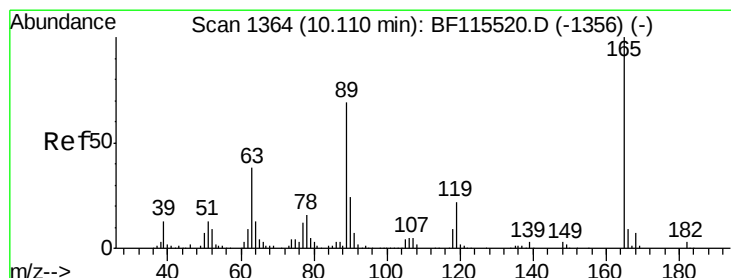
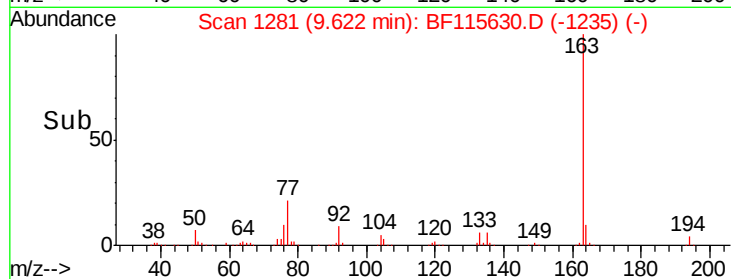
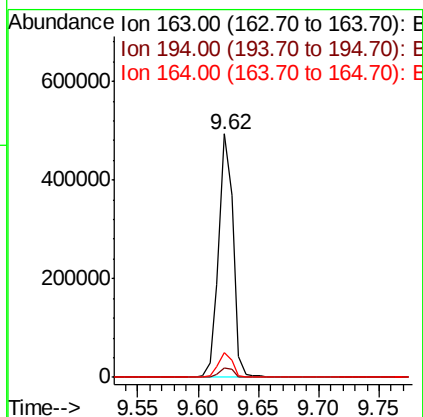
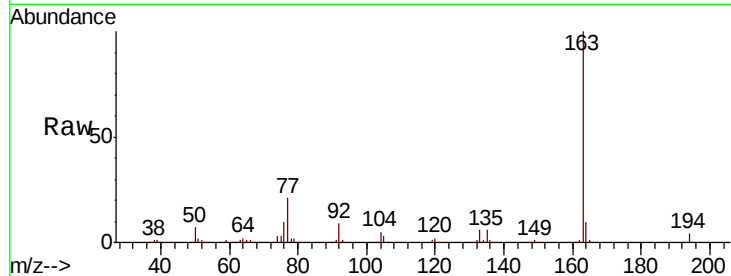




#50
Dimethylphthalate
Concen: 16.828 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF115630.D
Acq: 17 Jul 2019 18:58

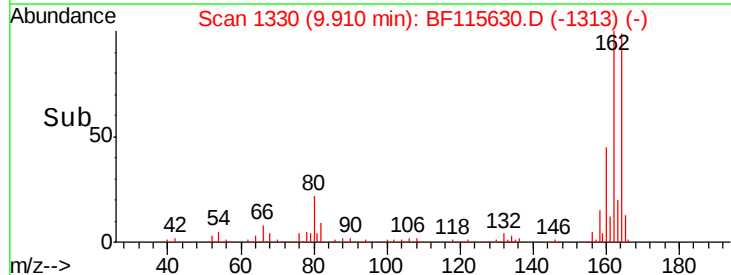
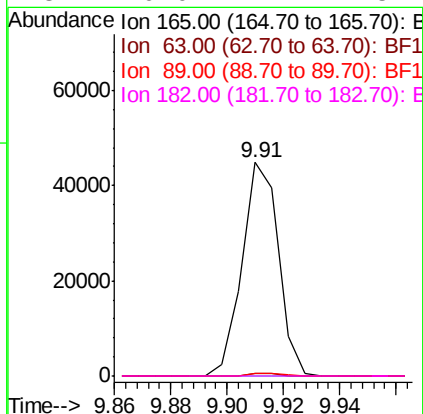
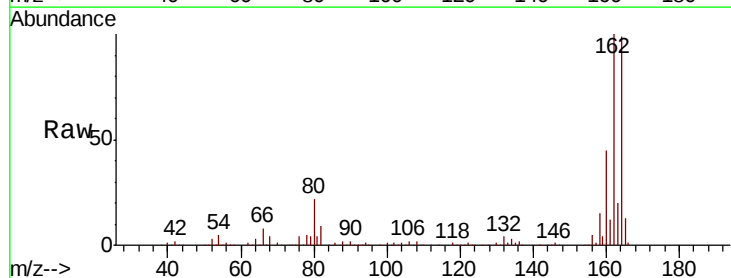
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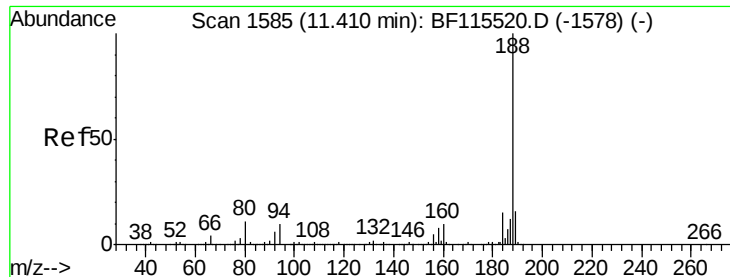
Tgt Ion:163 Resp: 403902
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.4 8.7 13.1



#57
2,4-Dinitrotoluene
Concen: 5.653 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF115630.D
Acq: 17 Jul 2019 18:58

Tgt Ion:165 Resp: 39947
Ion Ratio Lower Upper
165 100
63 1.2 34.9 52.3#
89 1.3 57.5 86.3#
182 0.0 2.2 3.4#

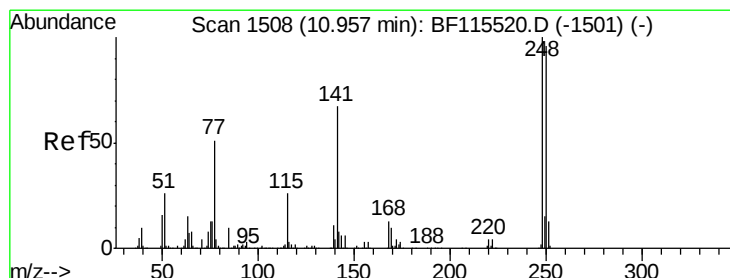
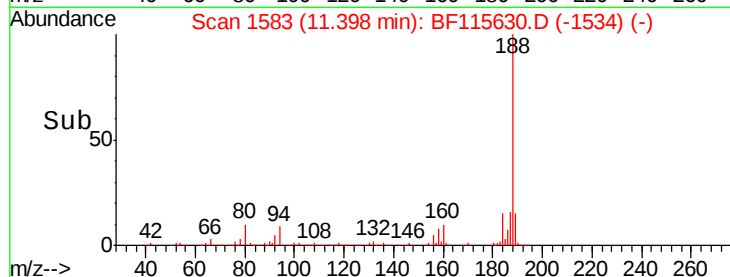
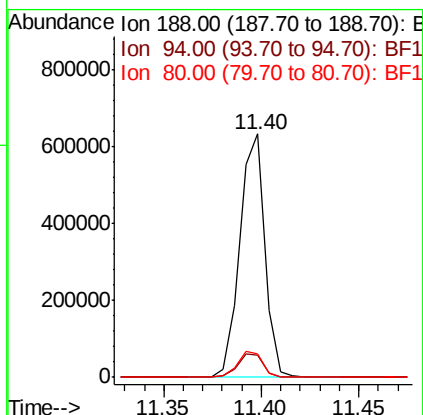
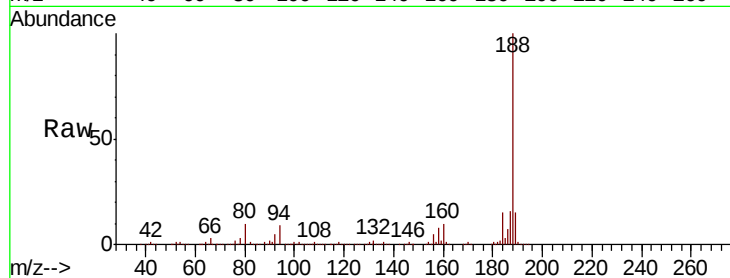




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF115630.D
 Acq: 17 Jul 2019 18:58

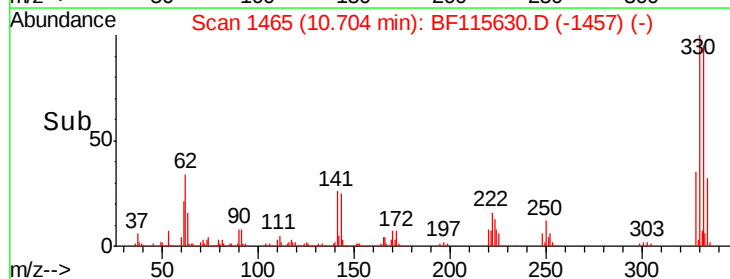
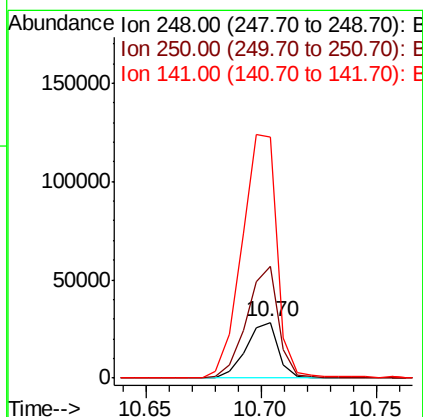
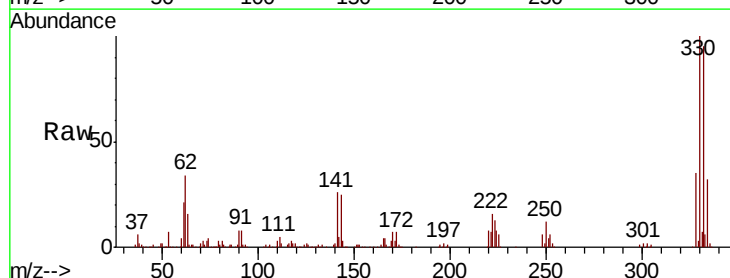
Instrument :
 BNA_F
 ClientSampleId :
 SB-2(0-2)

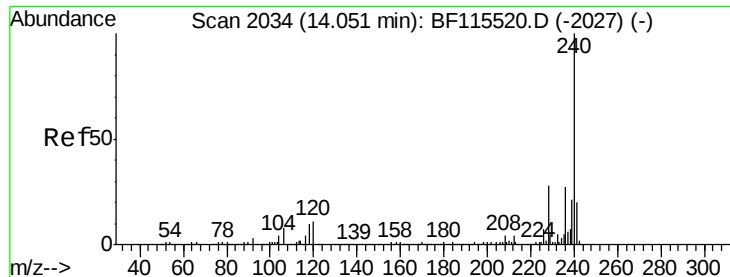
Tgt Ion:188 Resp: 561529
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.8 11.6
 80 9.8 8.6 13.0



#67
 4-Bromophenyl-phenylether
 Concen: 4.296 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF115630.D
 Acq: 17 Jul 2019 18:58

Tgt Ion:248 Resp: 27564
 Ion Ratio Lower Upper
 248 100
 250 202.2 78.0 117.0#
 141 435.7 57.7 86.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF115630.D

Acq: 17 Jul 2019 18:58

Instrument :

BNA_F

ClientSampleId :

SB-2(0-2)

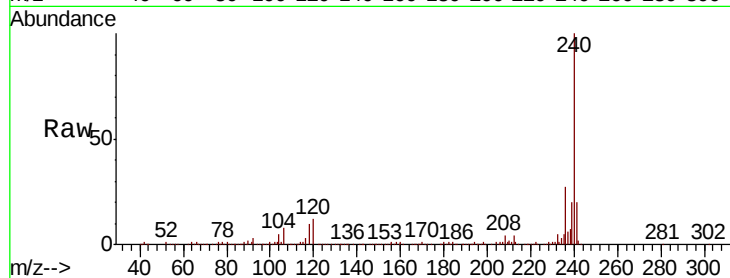
Tgt Ion:240 Resp: 324604

Ion Ratio Lower Upper

240 100

120 11.5 8.6 13.0

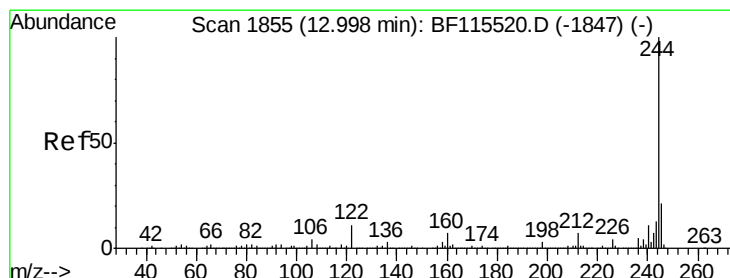
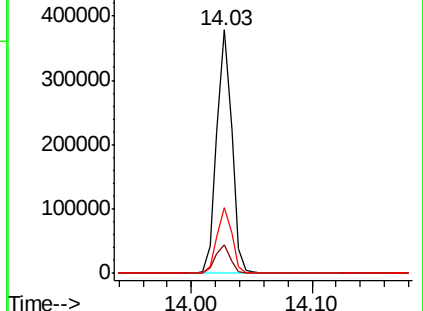
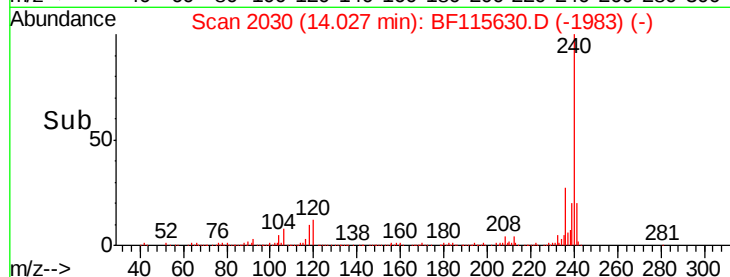
236 27.0 21.3 31.9



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: 88.295 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115630.D

Acq: 17 Jul 2019 18:58

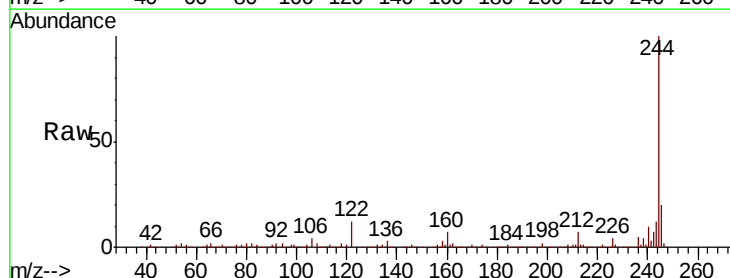
Tgt Ion:244 Resp: 1553292

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

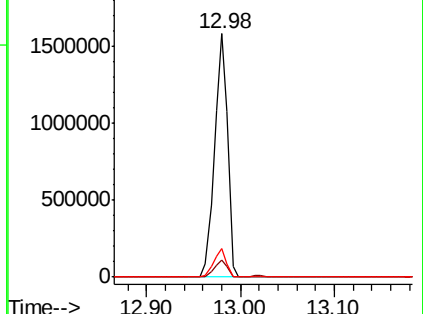
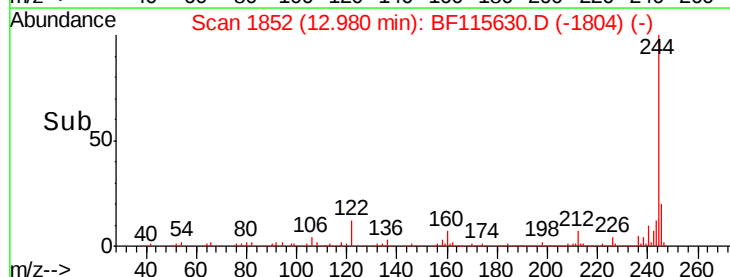
122 11.6 8.6 12.8

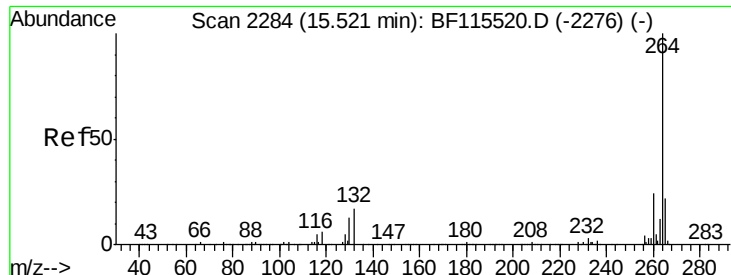


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

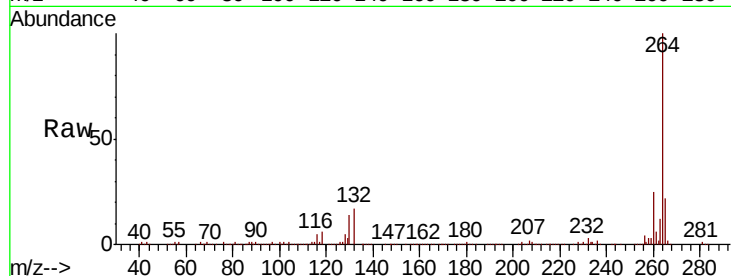




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.03 min
Lab File: BF115630.D
Acq: 17 Jul 2019 18:58

Instrument :
BNA_F
ClientSampleId :
SB-2(0-2)

Tgt Ion:	264	Resp:	344742
Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.8	29.8
265	22.4	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

