

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071719\
 Data File : BF115629.D
 Acq On : 17 Jul 2019 18:30
 Operator : HP/JU
 Sample : K3835-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

Quant Time: Jul 18 04:46:48 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

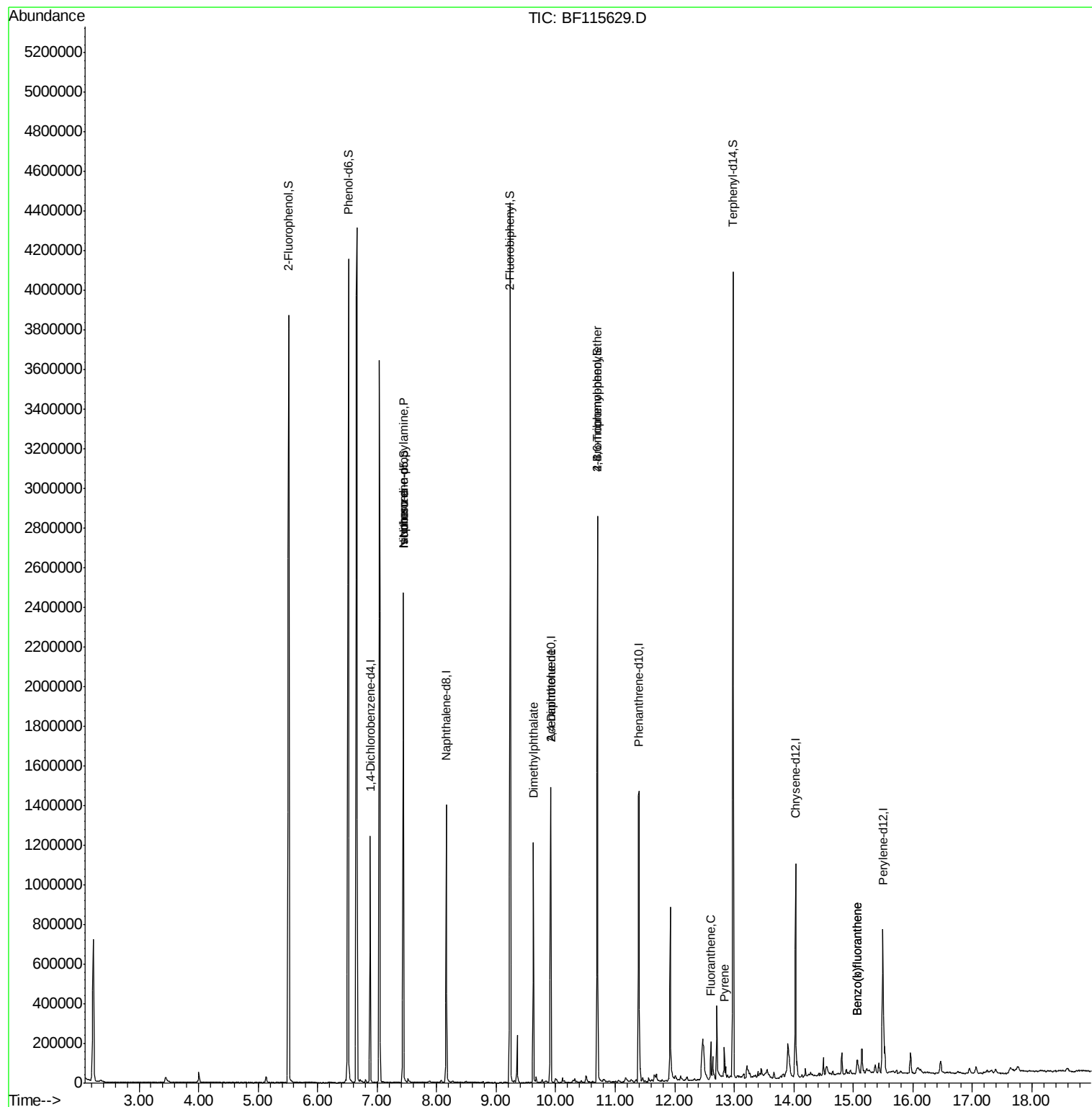
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	170042	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	651947	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	316344	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	571008	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	323573	20.00	ng	-0.02
87) Perylene-d12	15.49	264	340056	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1346025	129.48	ng	0.01
7) Phenol-d6	6.52	99	1786027	135.40	ng	0.00
23) Nitrobenzene-d5	7.44	82	992807	88.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	421565	114.17	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	1584401	87.66	ng	-0.01
79) Terphenyl-d14	12.98	244	1440270	82.13	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	131362	15.270	ng	Qvalue # 80
25) Isophorone	7.44	82	976766	43.536	ng	# 64
50) Dimethylphthalate	9.62	163	503683	21.162	ng	98
57) 2,4-Dinitrotoluene	9.91	165	40101	5.723	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	26585	4.074	ng	# 1
75) Fluoranthene	12.60	202	64933	2.099	ng	97
78) Pyrene	12.83	202	57086	2.082	ng	96
88) Benzo(b)fluoranthene	15.06	252	52332	2.390	ng	97
89) Benzo(k)fluoranthene	15.06	252	52332	2.681	ng	96

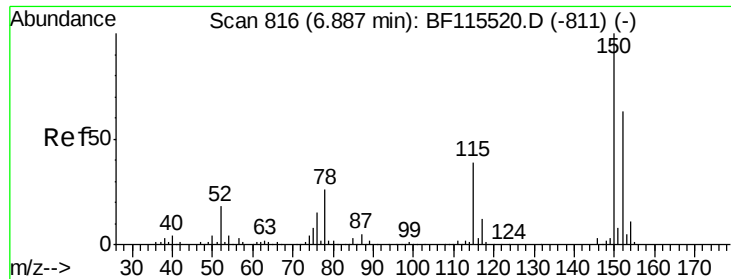
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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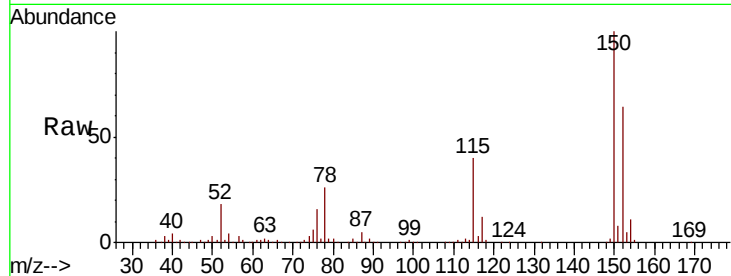


#1

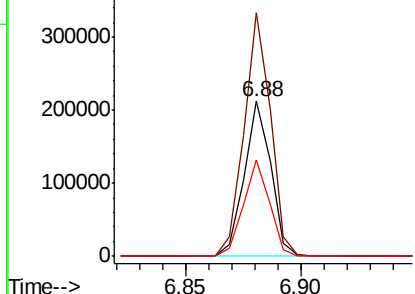
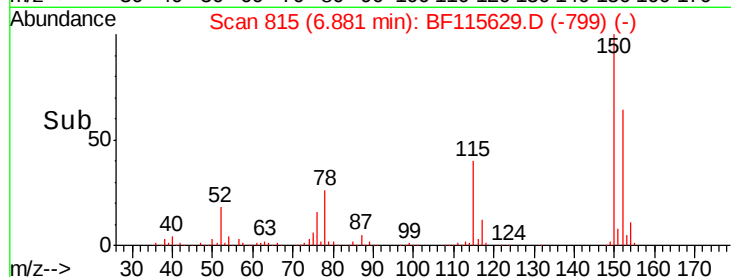
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115629.D
Acq: 17 Jul 2019 18:30

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

Tgt Ion:152 Resp: 170042
Ion Ratio Lower Upper
152 100
150 157.4 129.7 194.5
115 62.4 48.2 72.4



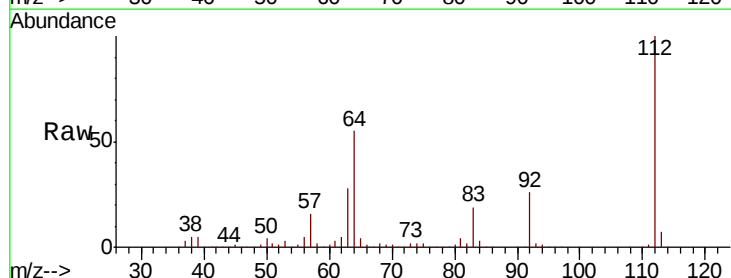
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



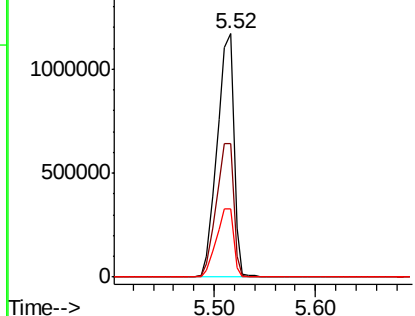
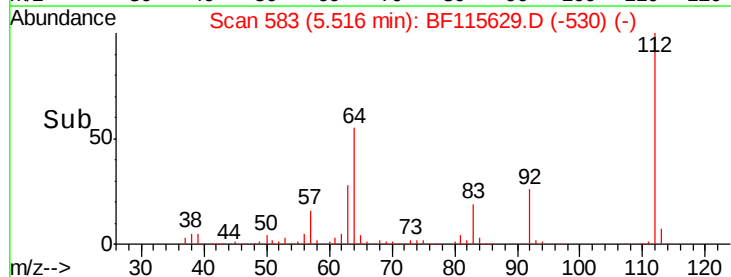
#5

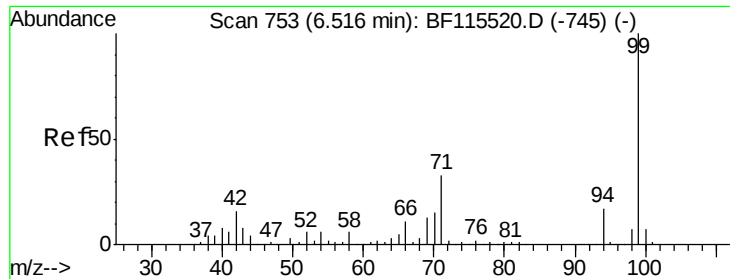
2-Fluorophenol
Concen: 129.480 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115629.D
Acq: 17 Jul 2019 18:30

Tgt Ion:112 Resp: 1346025
Ion Ratio Lower Upper
112 100
64 54.9 46.8 70.2
63 28.2 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: 135.399 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115629.D

Acq: 17 Jul 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

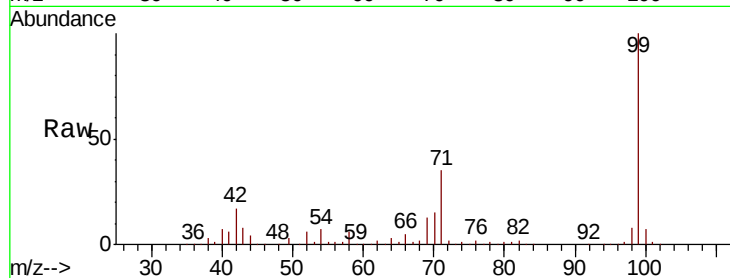
Tgt Ion: 99 Resp: 1786027

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

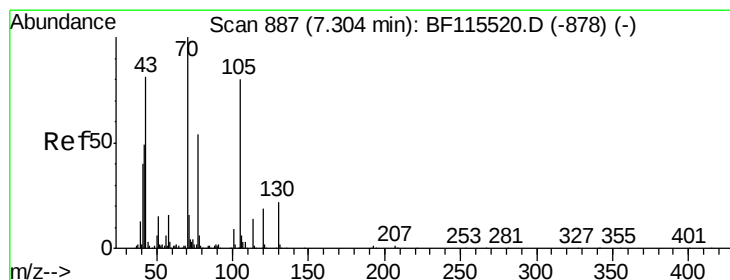
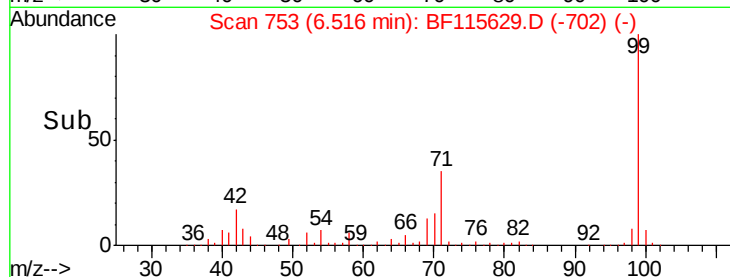
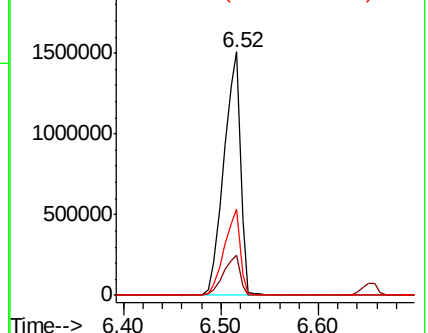
71 35.2 28.5 42.7



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: 15.270 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115629.D

Acq: 17 Jul 2019 18:30

Tgt Ion: 70 Resp: 131362

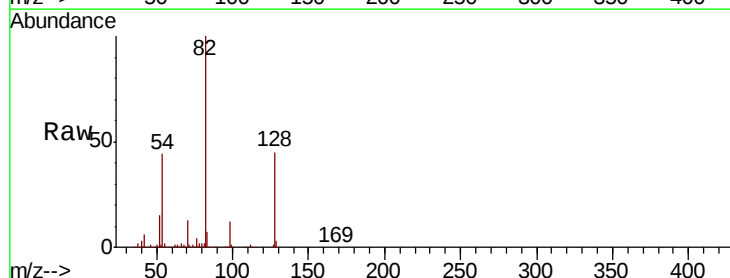
Ion Ratio Lower Upper

70 100

42 43.4 39.6 59.4

101 0.0 8.1 12.1#

130 2.4 18.2 27.2#

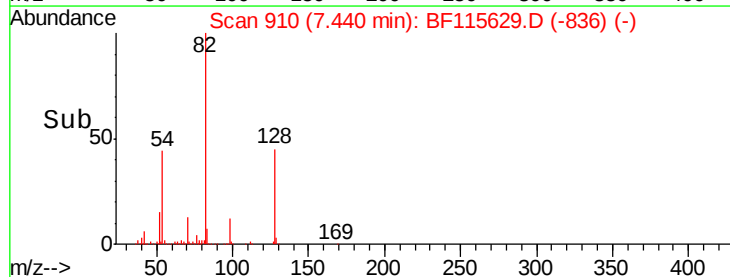
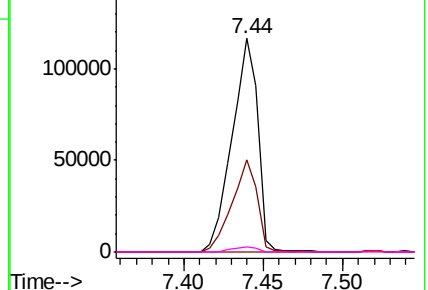


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

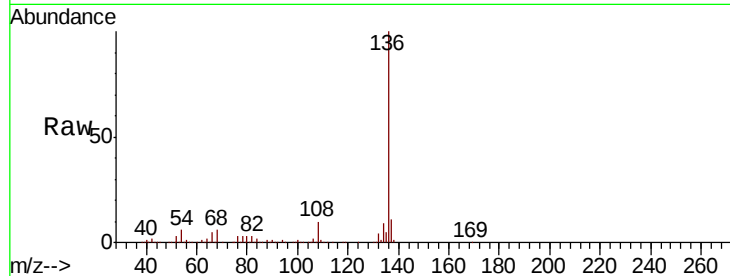




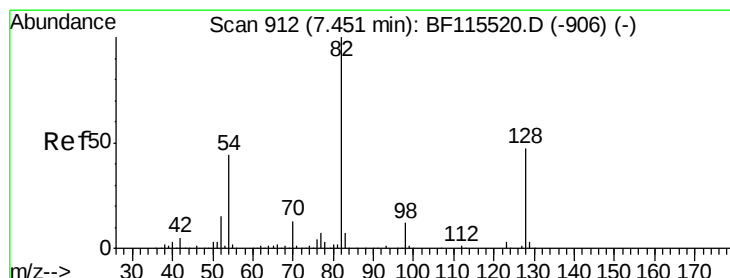
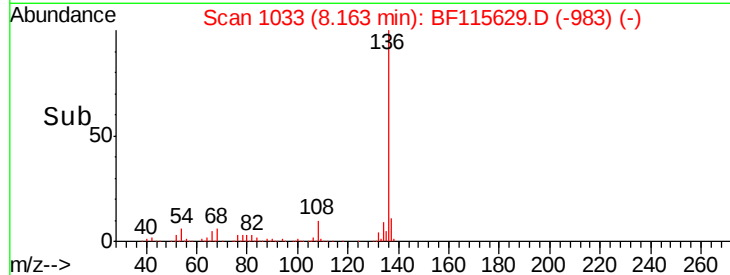
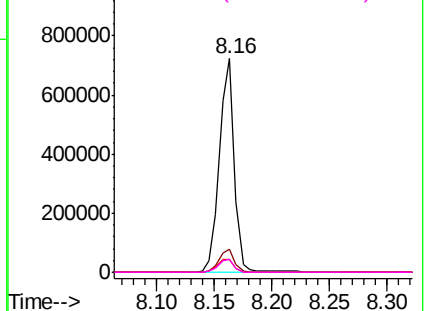
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115629.D
Acq: 17 Jul 2019 18:30

Instrument :
BNA_F
ClientSampled :
SB-3(0-2)

Tgt Ion:	136	Resp:	651947
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.1	5.6	8.4
68	5.7	5.0	7.6

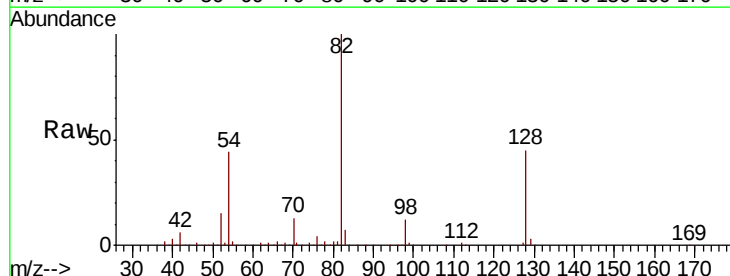


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

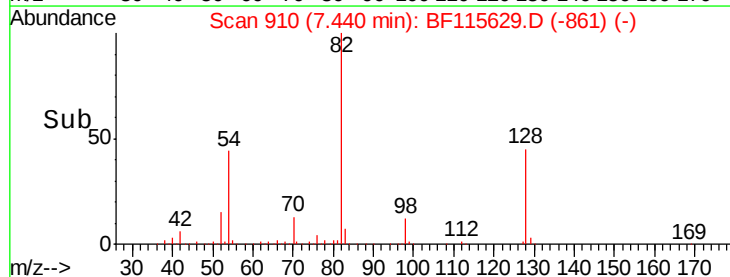
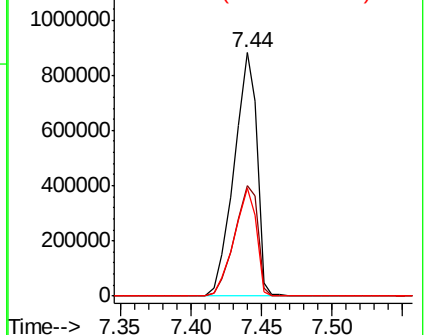


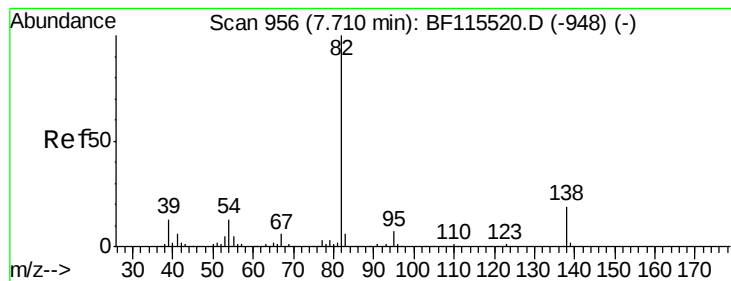
#23
Nitrobenzene-d5
Concen: 88.548 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115629.D
Acq: 17 Jul 2019 18:30

Tgt Ion:	82	Resp:	992807
Ion	Ratio	Lower	Upper
82	100		
128	45.4	38.6	57.8
54	44.1	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: 43.536 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115629.D

Acq: 17 Jul 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

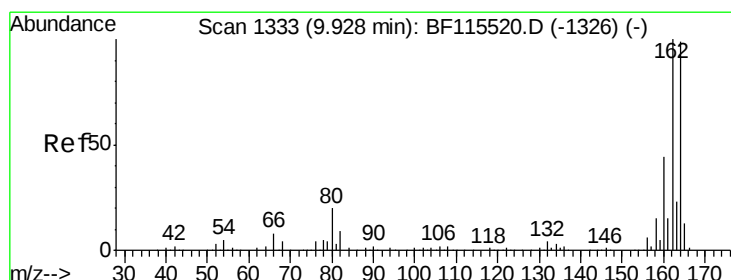
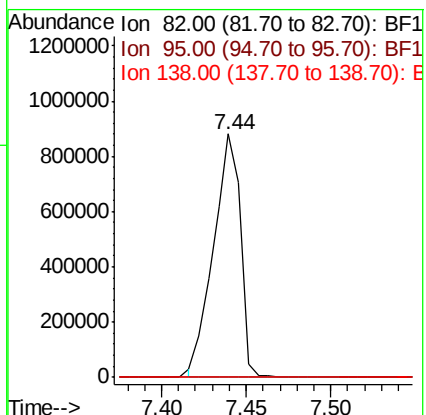
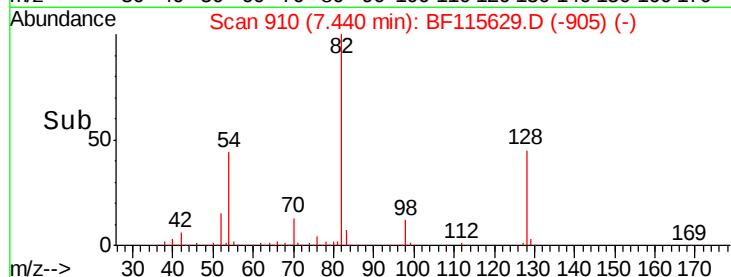
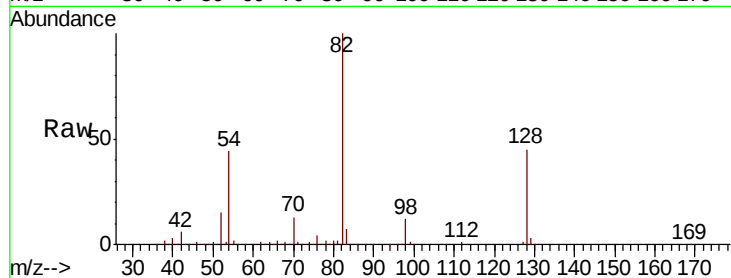
Tgt Ion: 82 Resp: 976766

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: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF115629.D

Acq: 17 Jul 2019 18:30

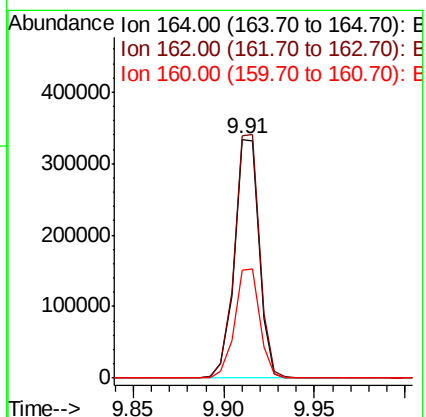
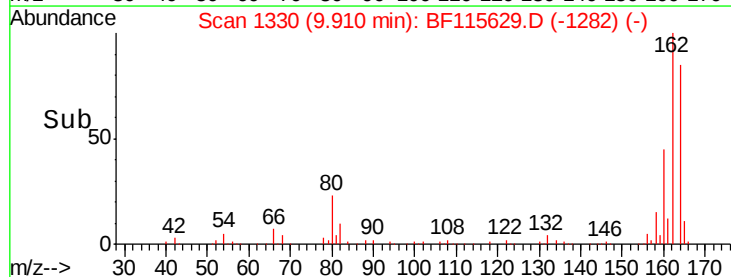
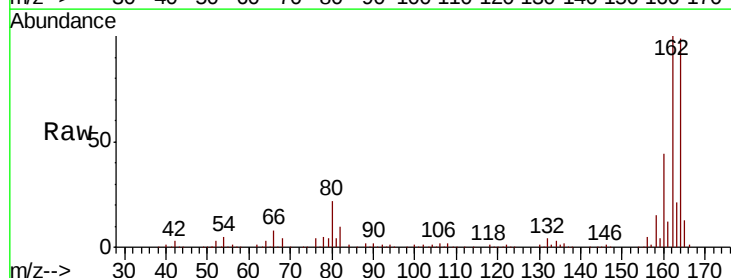
Tgt Ion: 164 Resp: 316344

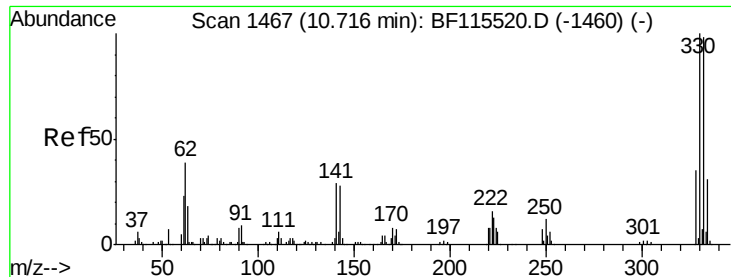
Ion Ratio Lower Upper

164 100

162 101.5 82.9 124.3

160 45.0 36.8 55.2

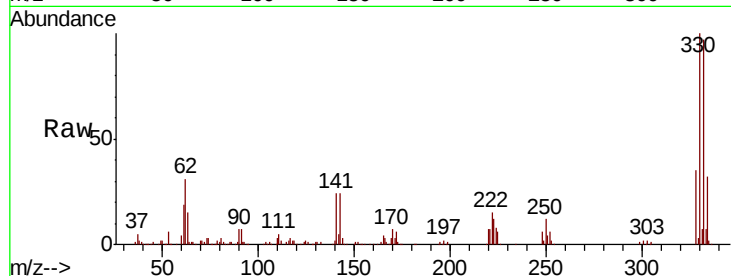




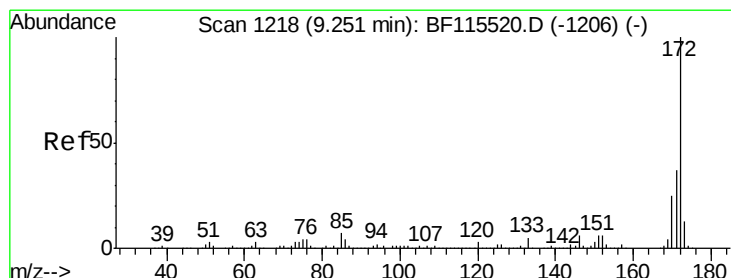
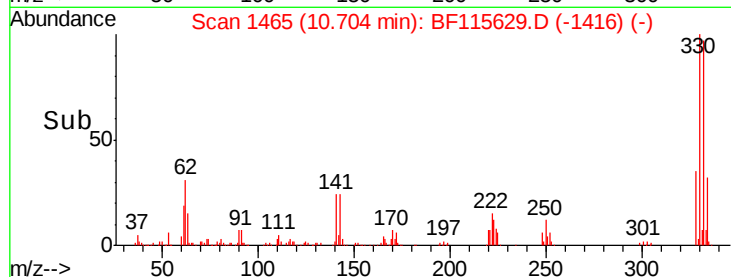
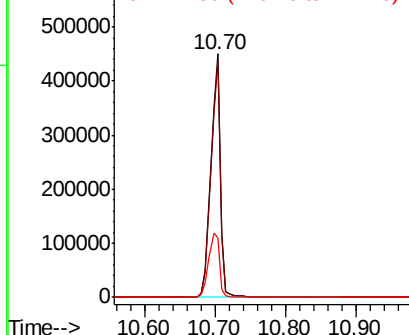
#42
 2,4,6-Tribromophenol
 Concen: 114.168 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115629.D
 Acq: 17 Jul 2019 18:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

Tgt Ion:330 Resp: 421565
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 30.0 22.4 33.6

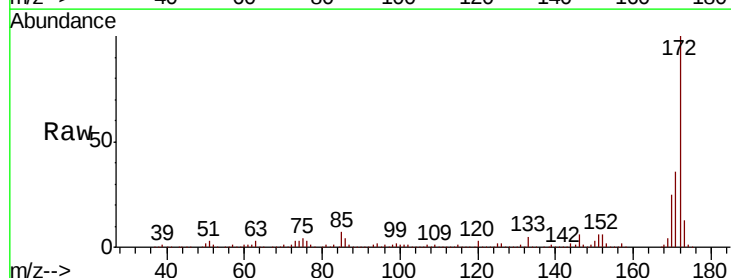


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

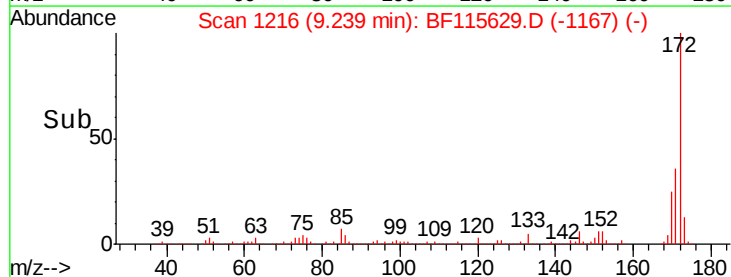
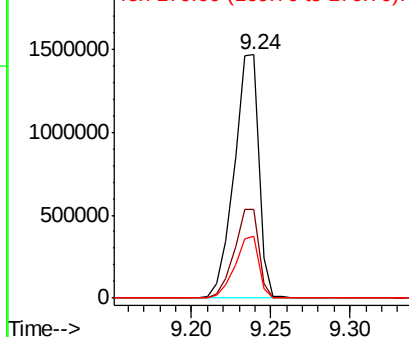


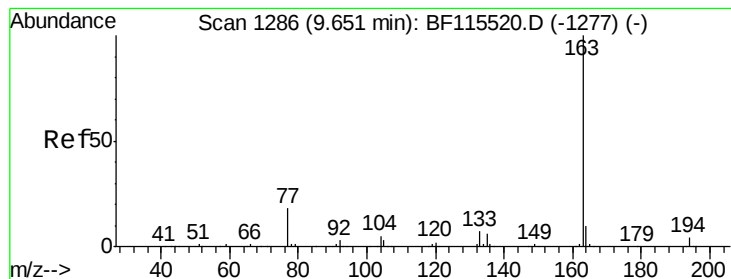
#45
 2-Fluorobiphenyl
 Concen: 87.662 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115629.D
 Acq: 17 Jul 2019 18:30

Tgt Ion:172 Resp: 1584401
 Ion Ratio Lower Upper
 172 100
 171 36.4 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: 21.162 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.03 min

Lab File: BF115629.D

Acq: 17 Jul 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

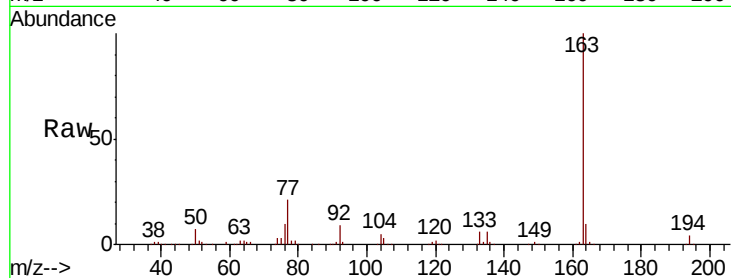
Tgt Ion:163 Resp: 503683

Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

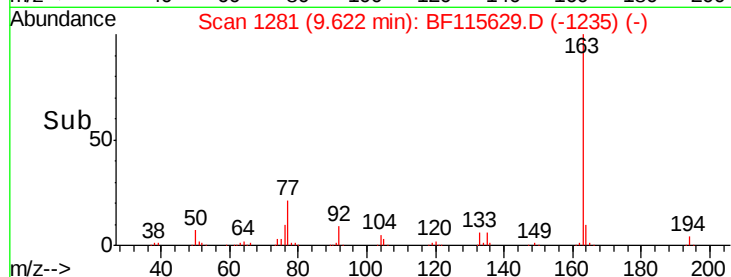
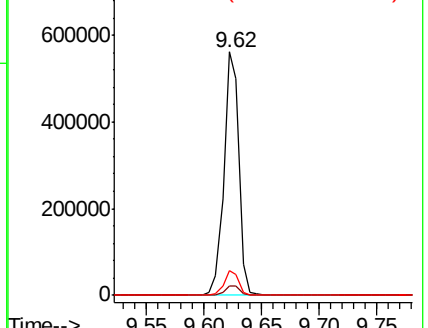
164 10.2 8.7 13.1



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: 5.723 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.20 min

Lab File: BF115629.D

Acq: 17 Jul 2019 18:30

Tgt Ion:165 Resp: 40101

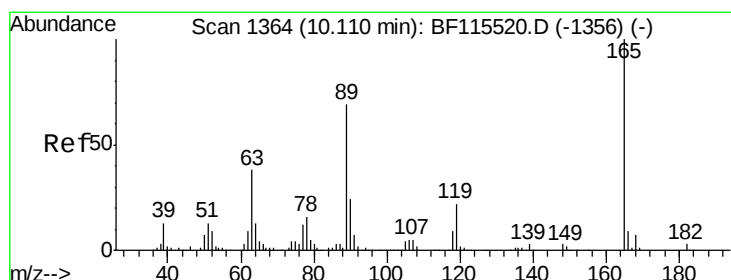
Ion Ratio Lower Upper

165 100

63 1.2 34.9 52.3#

89 1.4 57.5 86.3#

182 0.0 2.2 3.4#

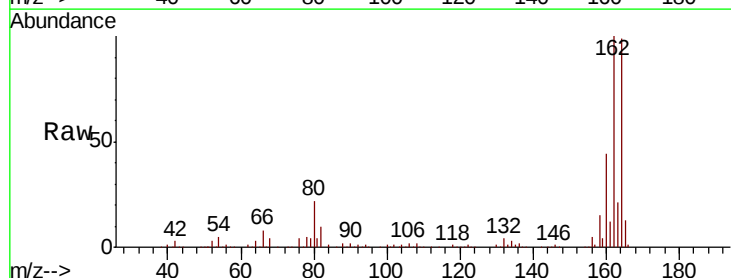
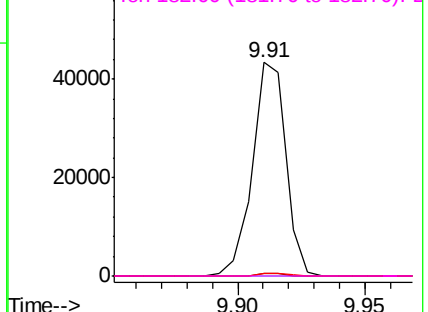


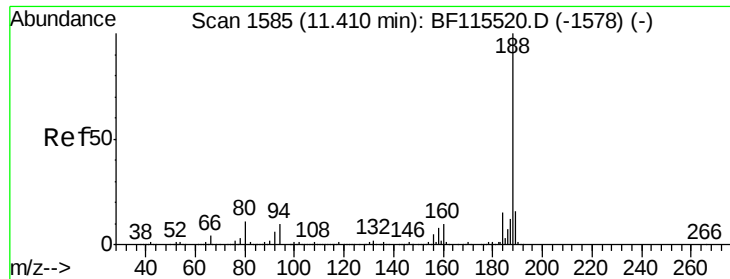
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF115629.D

Acq: 17 Jul 2019 18:30

Instrument :

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SB-3(0-2)

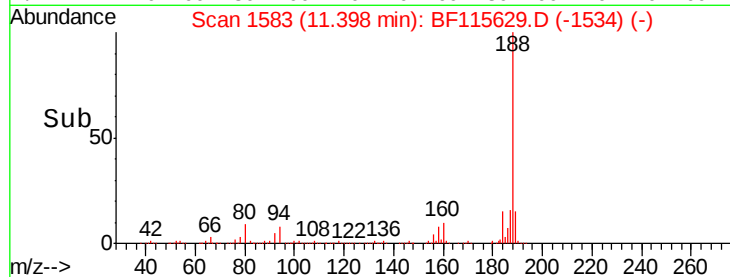
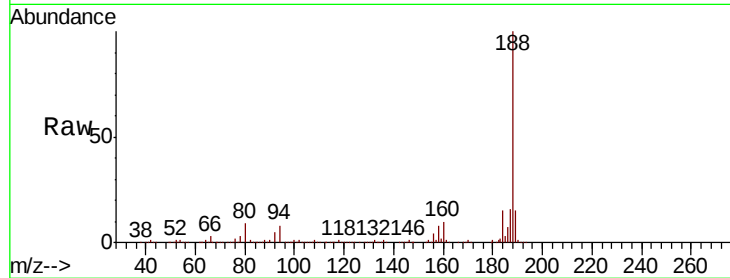
Tgt Ion:188 Resp: 571008

Ion Ratio Lower Upper

188 100

94 8.4 7.8 11.6

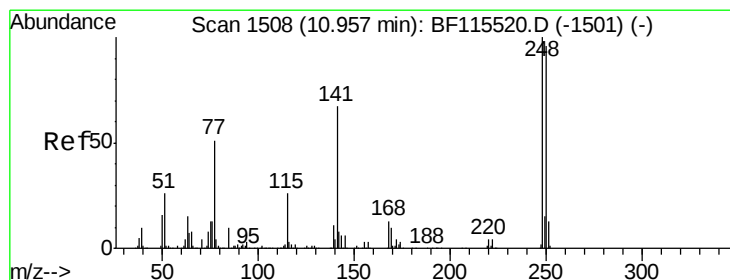
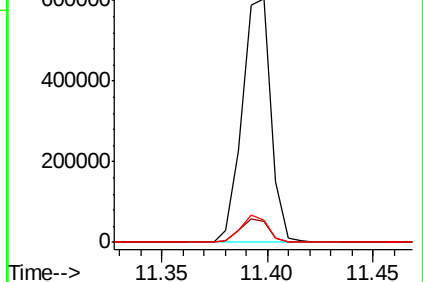
80 9.3 8.6 13.0



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: 4.074 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF115629.D

Acq: 17 Jul 2019 18:30

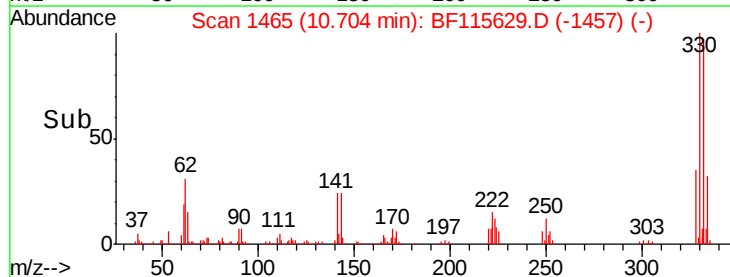
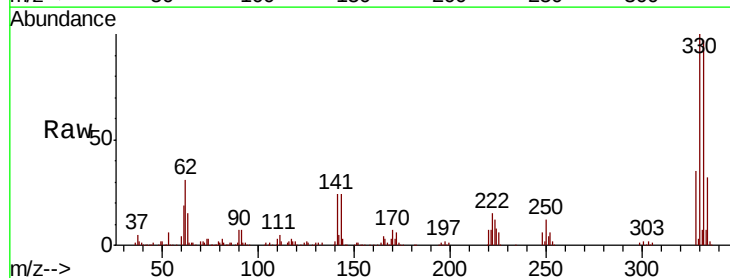
Tgt Ion:248 Resp: 26585

Ion Ratio Lower Upper

248 100

250 194.6 78.0 117.0#

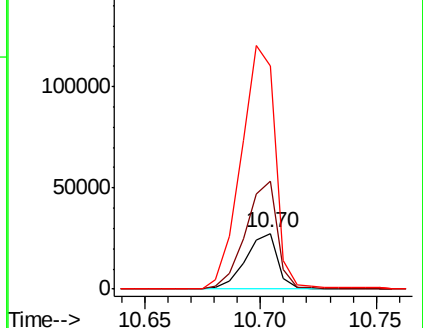
141 400.8 57.7 86.5#

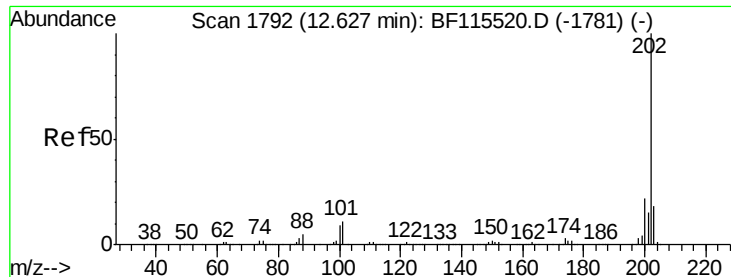


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

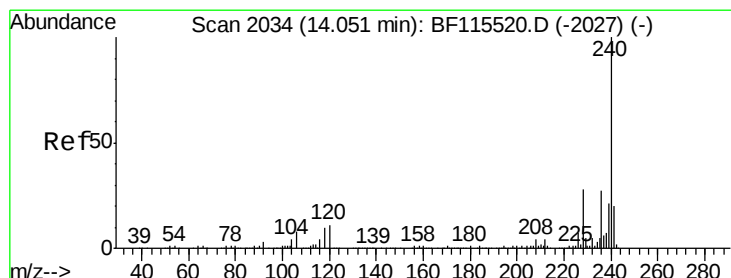
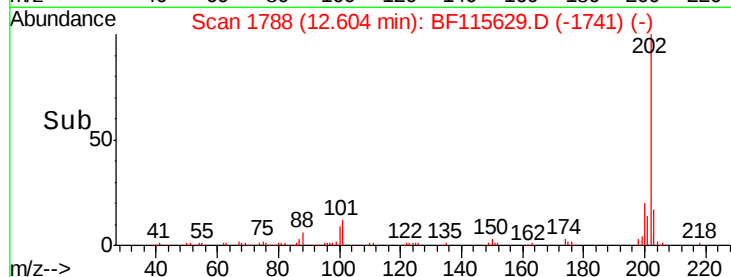
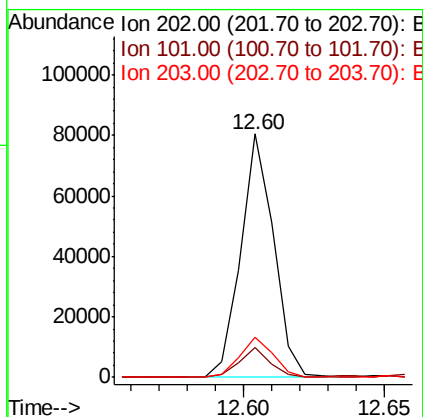
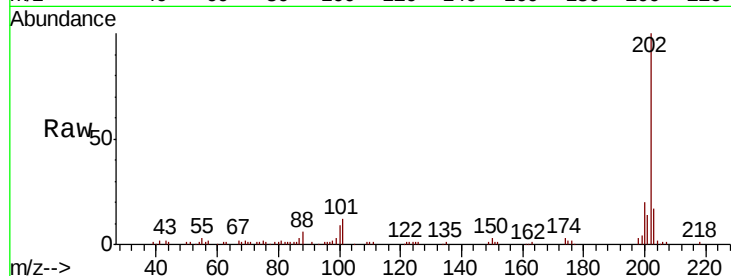




#75
 Fluoranthene
 Concen: 2.099 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. -0.02 min
 Lab File: BF115629.D
 Acq: 17 Jul 2019 18:30

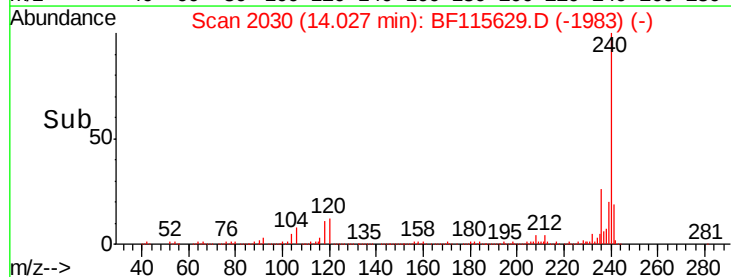
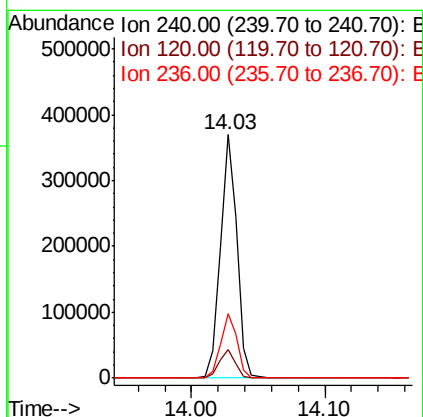
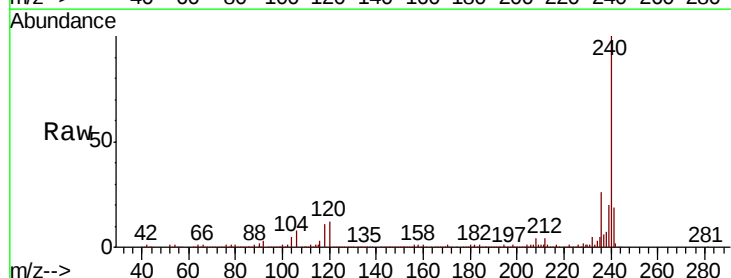
Instrument :
 BNA_F
 ClientSampled :
 SB-3(0-2)

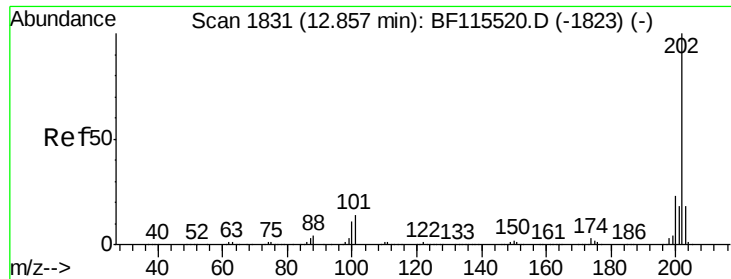
Tgt Ion: 202 Resp: 64933
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 31.4
 203 16.7 0.0 38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF115629.D
 Acq: 17 Jul 2019 18:30

Tgt Ion: 240 Resp: 323573
 Ion Ratio Lower Upper
 240 100
 120 11.8 8.6 13.0
 236 26.5 21.3 31.9

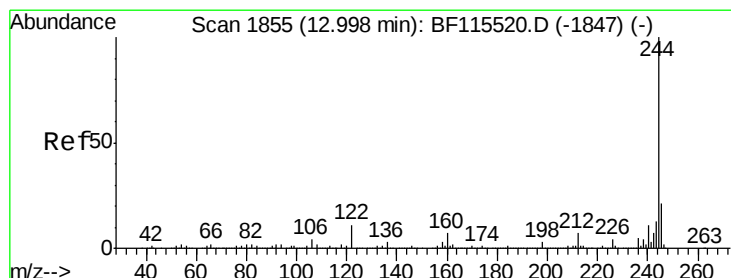
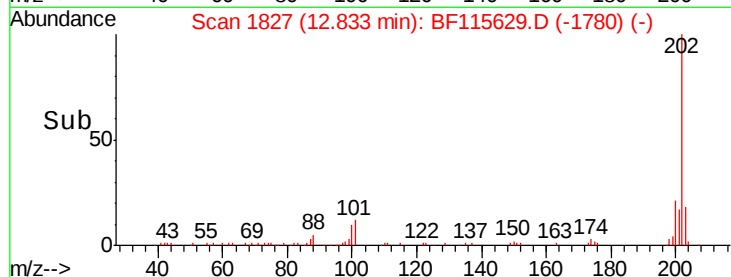
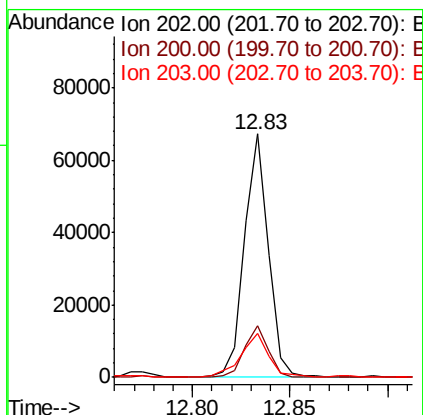
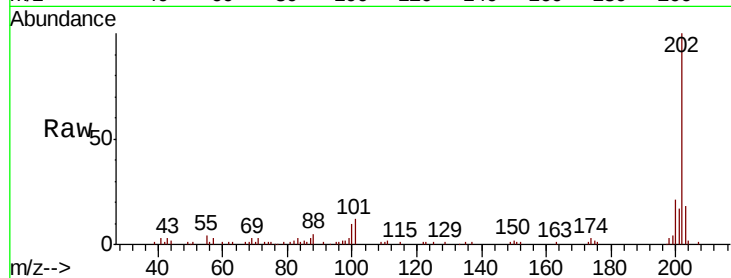




#78
Pyrene
Concen: 2.082 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF115629.D
Acq: 17 Jul 2019 18:30

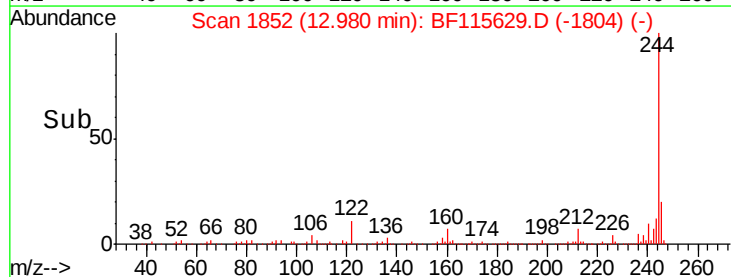
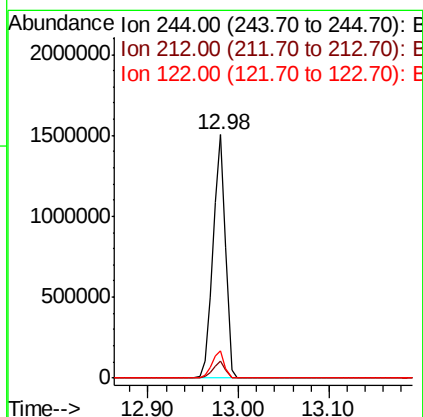
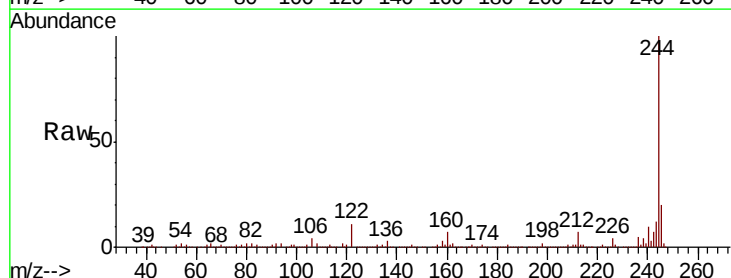
Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

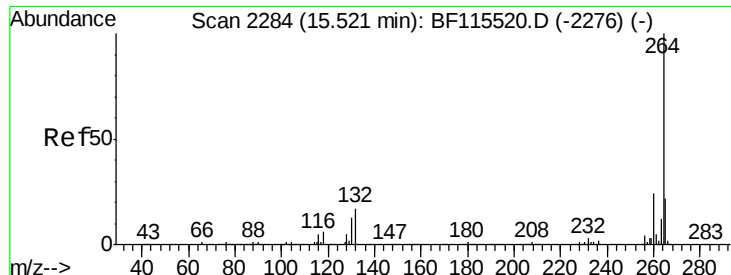
Tgt Ion: 202 Resp: 57086
Ion Ratio Lower Upper
202 100
200 21.0 18.7 28.1
203 18.0 15.2 22.8



#79
Terphenyl-d14
Concen: 82.131 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF115629.D
Acq: 17 Jul 2019 18:30

Tgt Ion: 244 Resp: 1440270
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 11.3 8.6 12.8

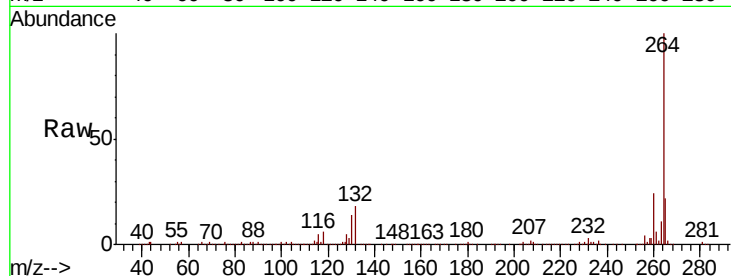




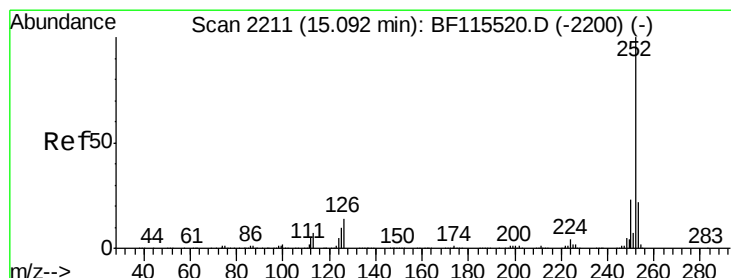
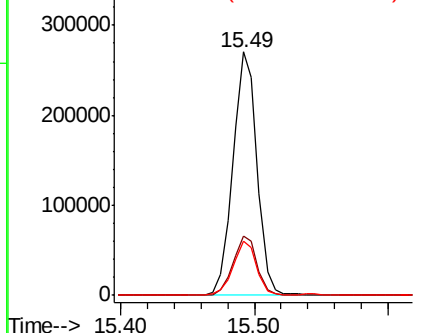
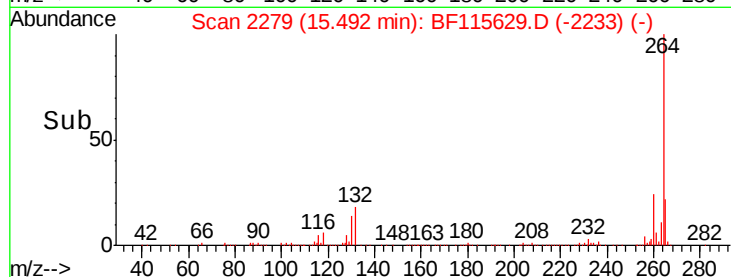
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.03 min
Lab File: BF115629.D
Acq: 17 Jul 2019 18:30

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	22.2	17.7	26.5

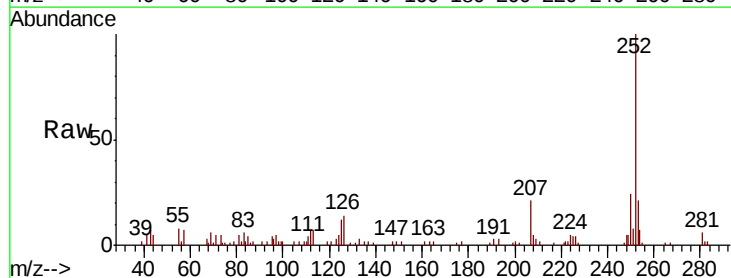


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

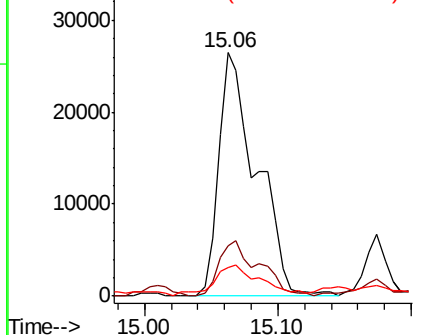
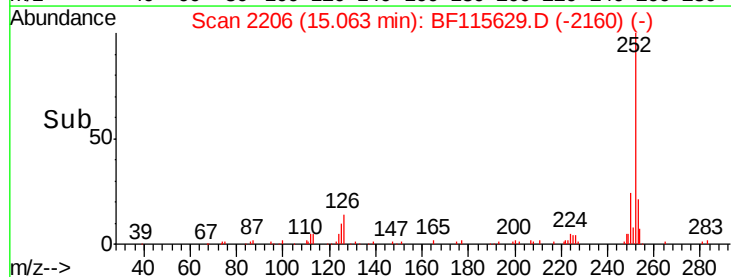


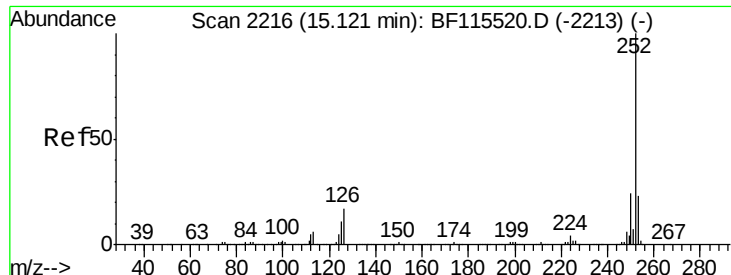
#88
Benzo(b)fluoranthene
Concen: 2.390 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BF115629.D
Acq: 17 Jul 2019 18:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.1	27.1
125	11.9	9.0	13.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.681 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.06 min

Lab File: BF115629.D

Acq: 17 Jul 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

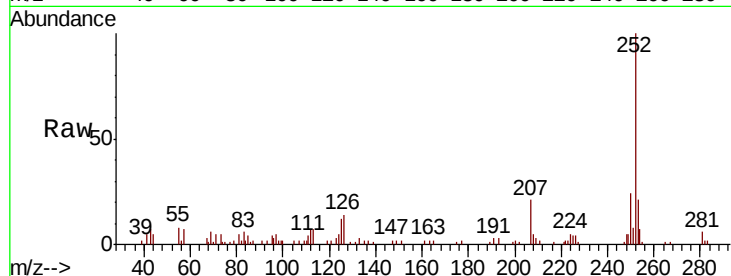
Tgt Ion:252 Resp: 52332

Ion Ratio Lower Upper

252 100

253 20.9 18.6 28.0

125 11.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

