

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 04:59:00 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

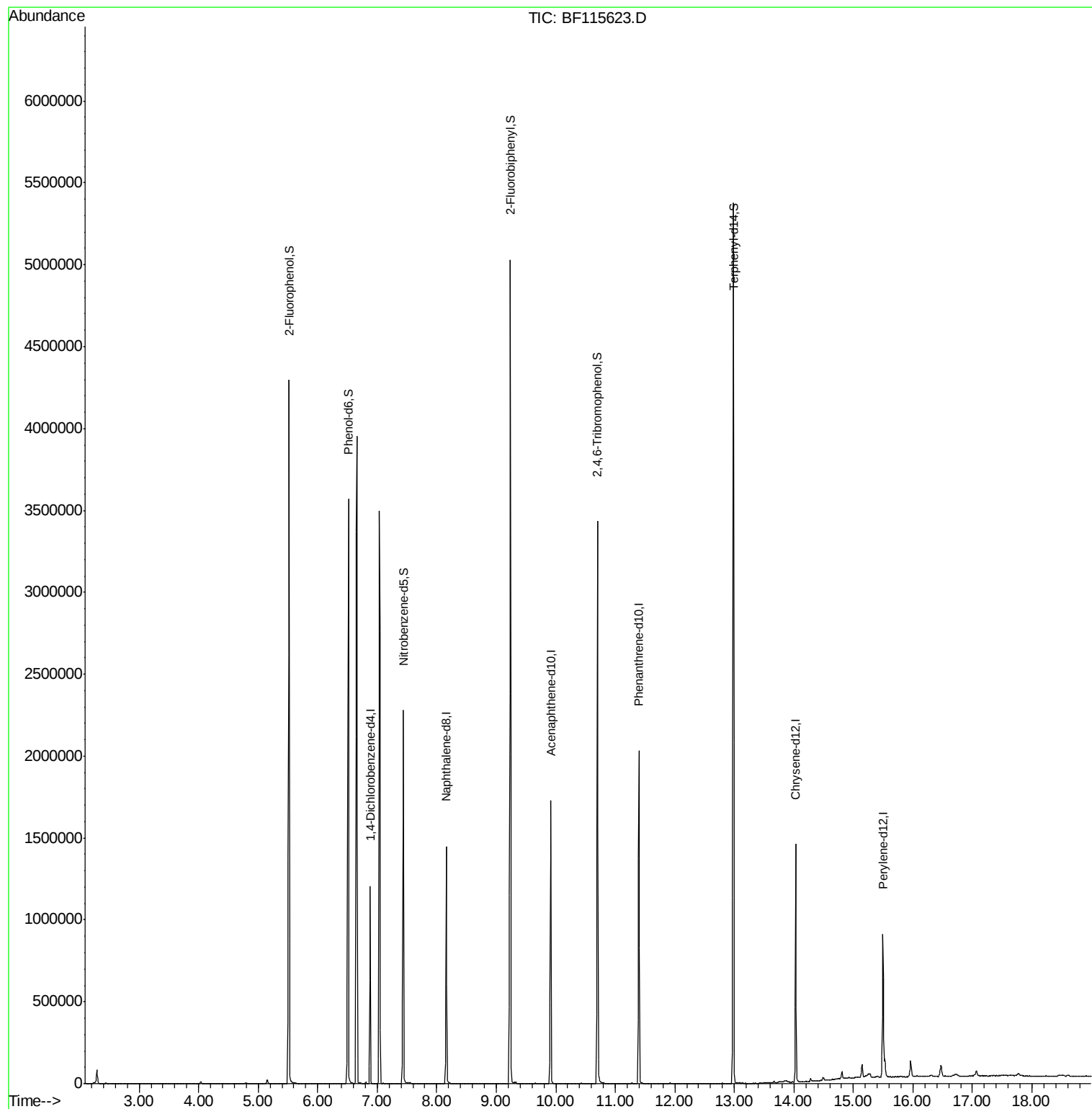
Target Compounds Qvalue

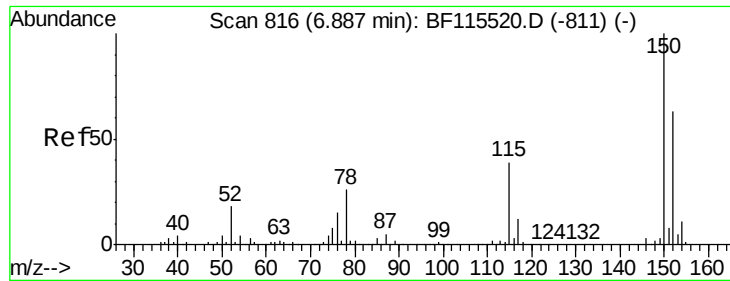
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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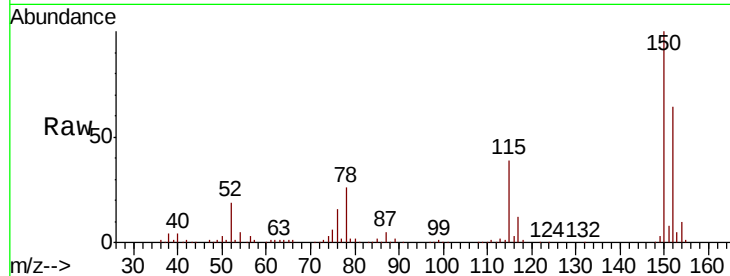


#1

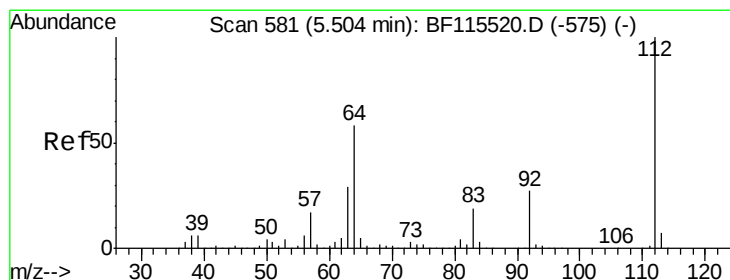
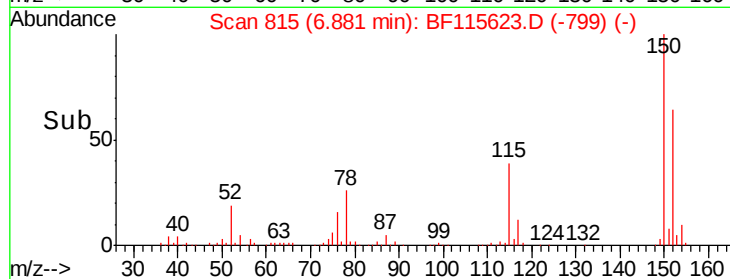
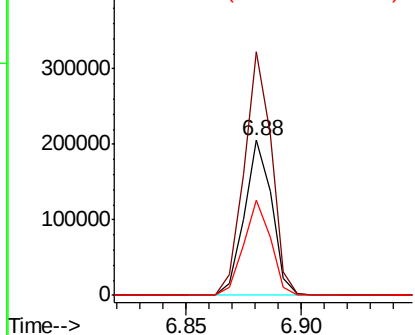
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115623.D
Acq: 17 Jul 2019 15:10

Instrument :
BNA_F
ClientSampleId :
PB121441BL

Tot Ion:152 Resp: 171097
Ion Ratio Lower Upper
152 100
150 157.1 129.7 194.5
115 61.4 48.2 72.4



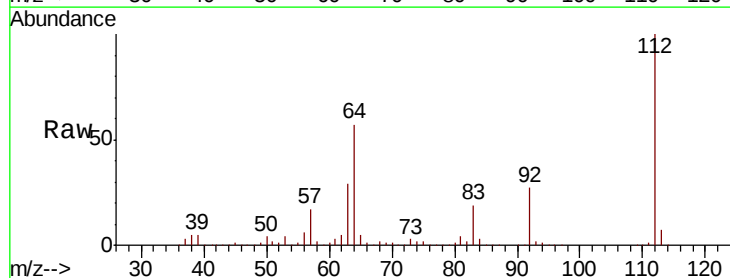
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



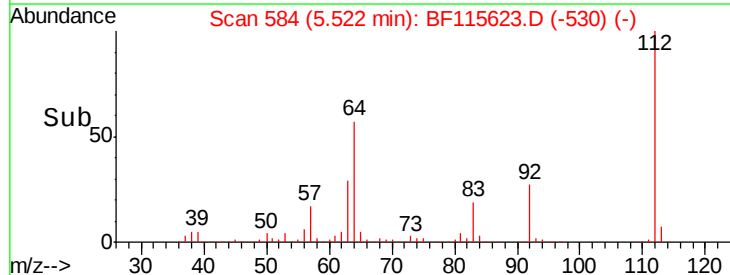
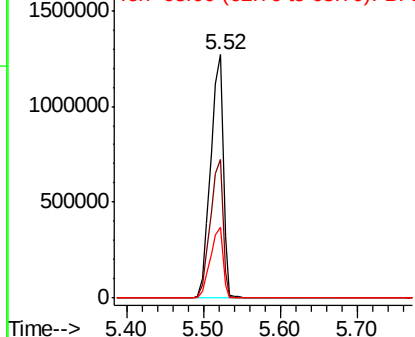
#5

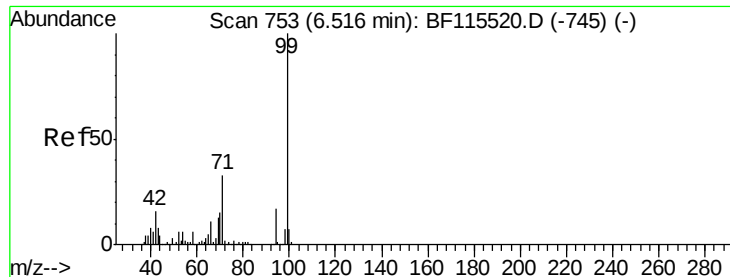
2-Fluorophenol
Concen: 135.887 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.02 min
Lab File: BF115623.D
Acq: 17 Jul 2019 15:10

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 :

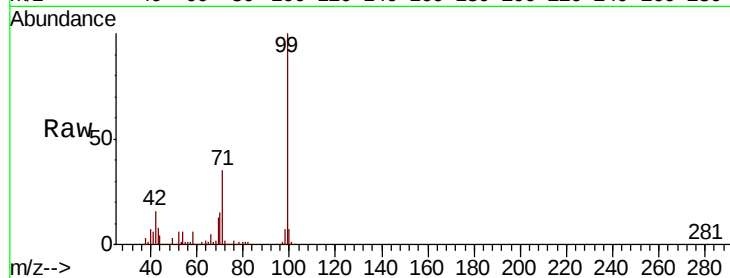
BNA_F

ClientSampleId :

PB121441BL

Tot Ion: 99 Resp: 1538521

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.6	20.4
71	35.0	28.5	42.7

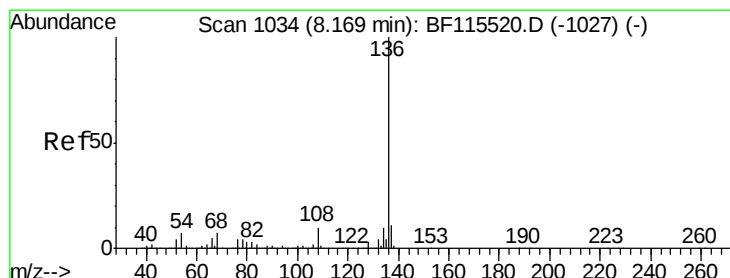
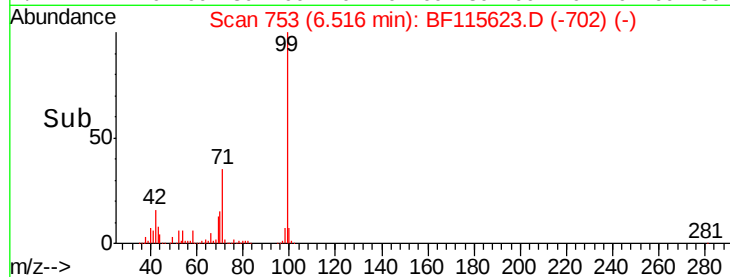


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

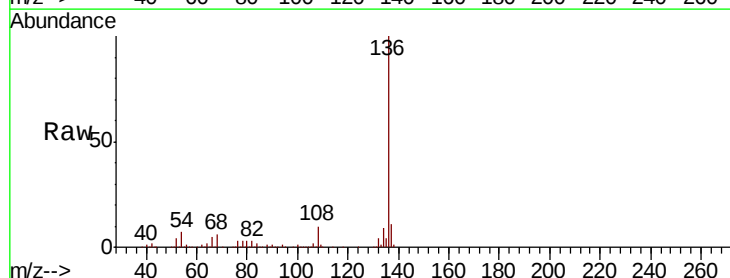
Delta R.T. -0.01 min

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



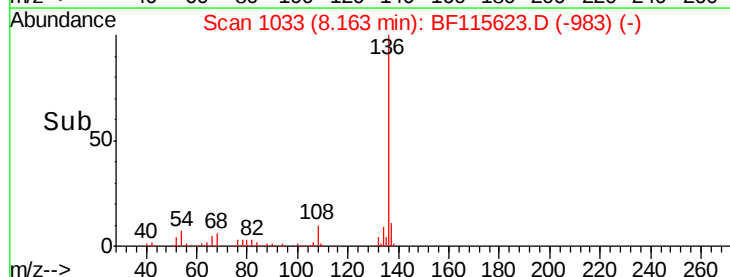
Abundance

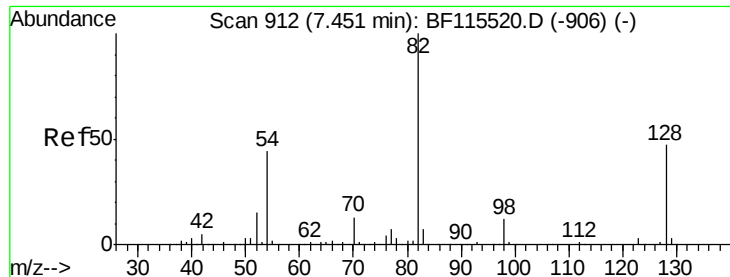
Ion 136.00 (135.70 to 136.70): E

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

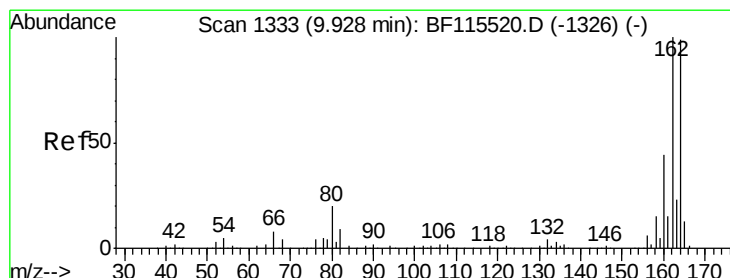
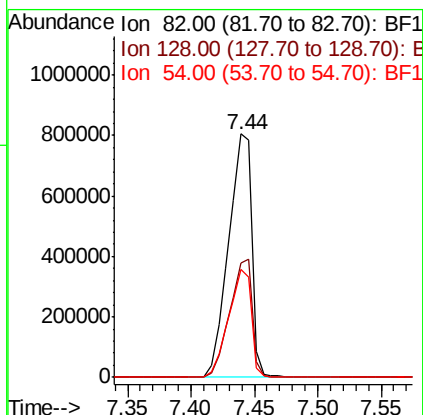
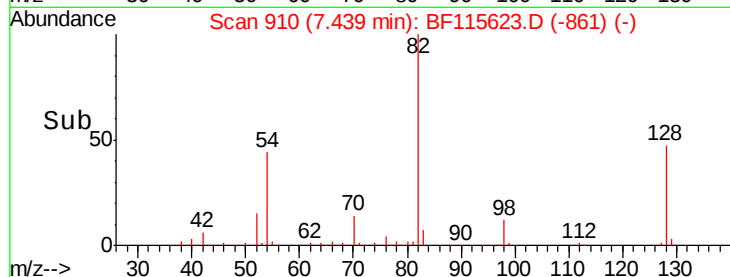
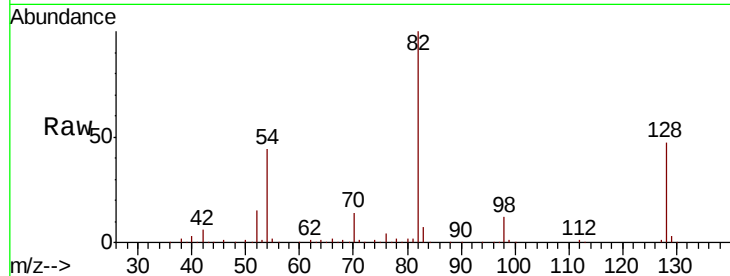




#23
Nitrobenzene-d5
Concen: 85.859 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115623.D
Acq: 17 Jul 2019 15:10

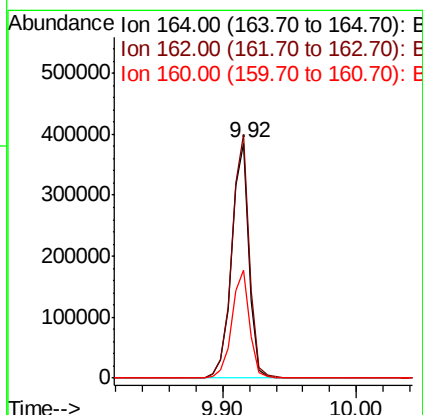
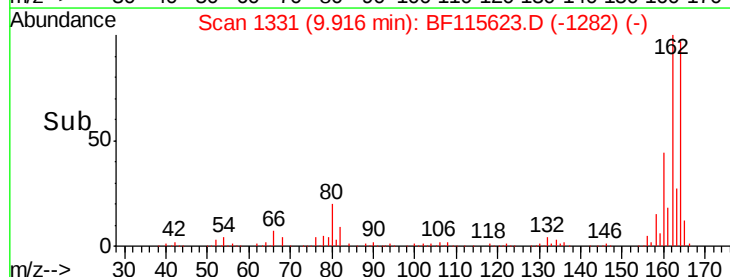
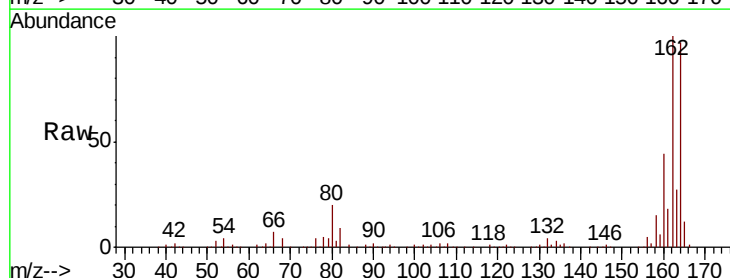
Instrument :
BNA_F
ClientSampleId :
PB121441BL

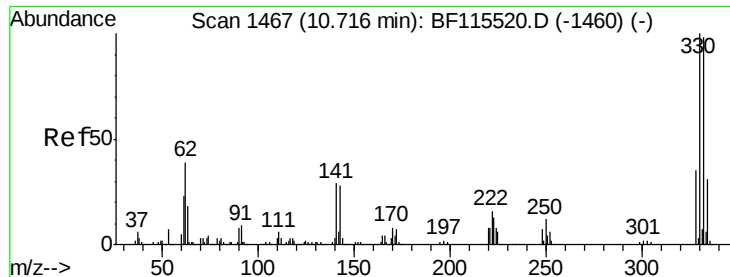
Tot Ion: 82 Resp: 1015661
Ion Ratio Lower Upper
82 100
128 46.7 38.6 57.8
54 44.3 35.6 53.4



#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

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

Instrument :

BNA_F

ClientSampleId :

PB121441BL

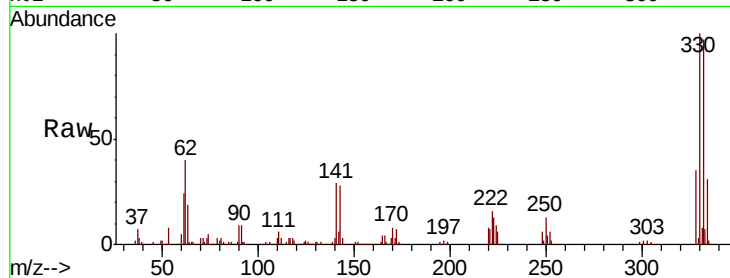
Tot Ion:330 Resp: 500542

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

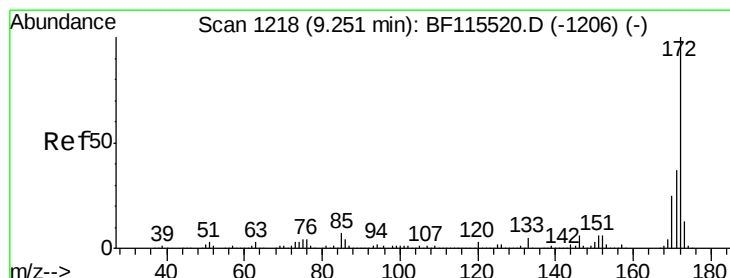
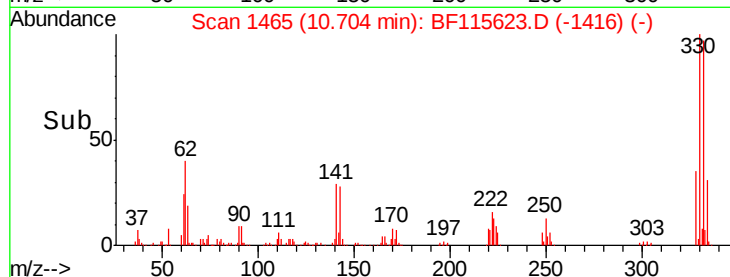
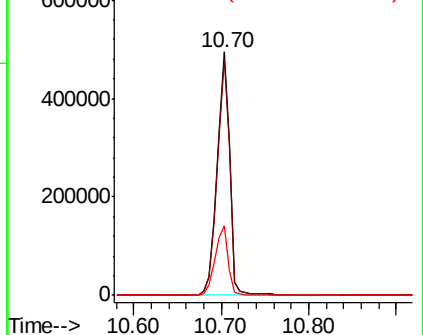
141 29.5 22.4 33.6



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: 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

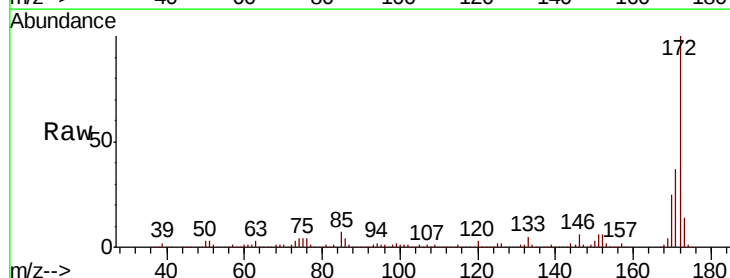
Tgt Ion:172 Resp: 1857158

Ion Ratio Lower Upper

172 100

171 37.2 30.6 46.0

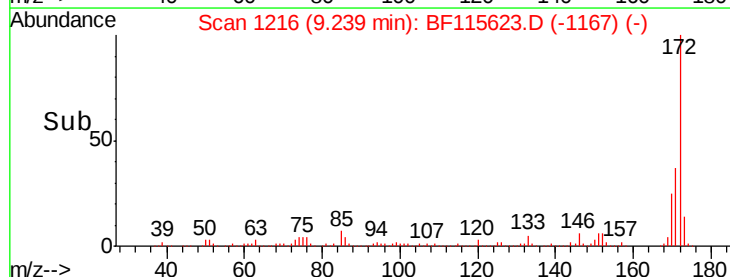
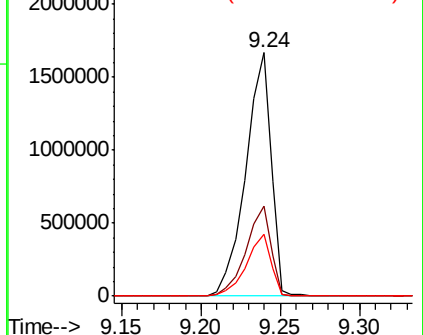
170 25.3 20.5 30.7

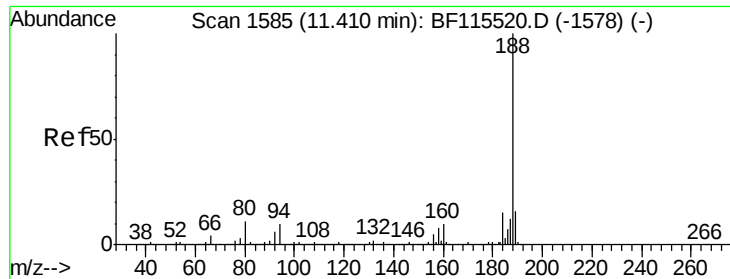


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

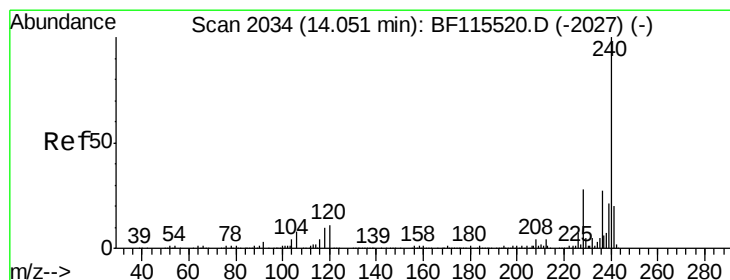
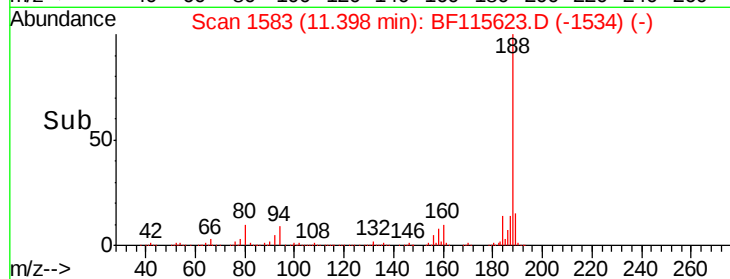
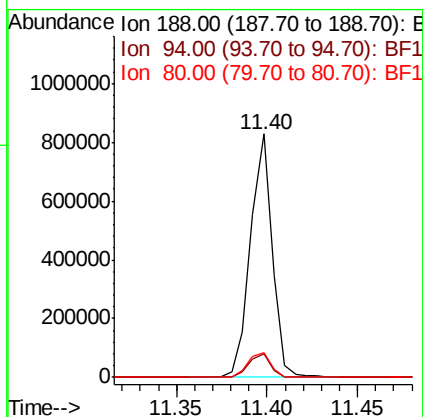
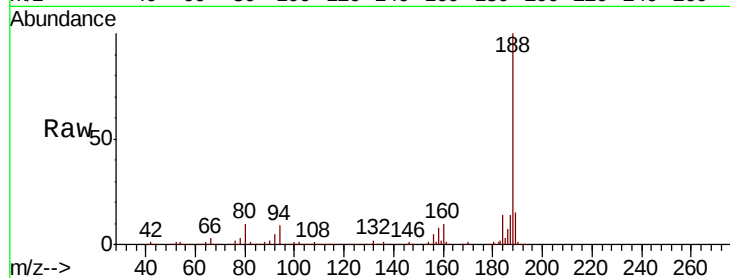




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115623.D
Acq: 17 Jul 2019 15:10

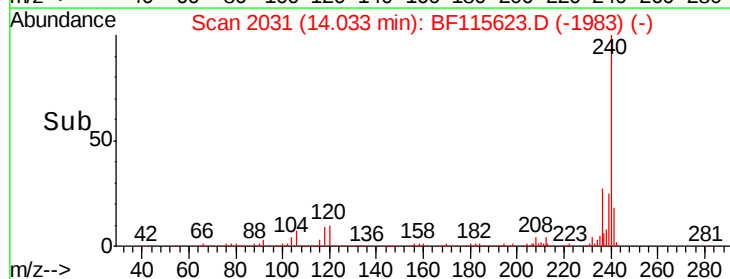
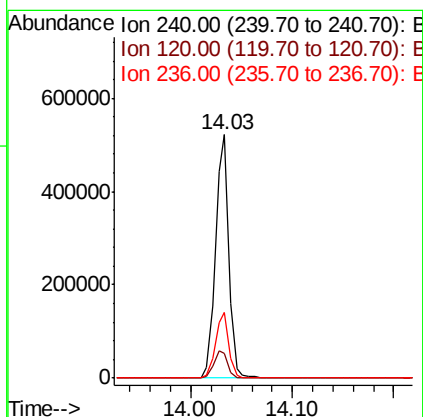
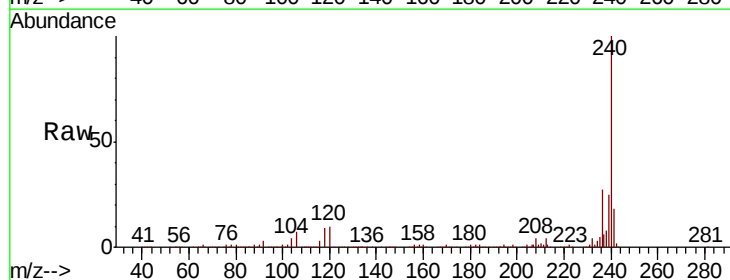
Instrument :
BNA_F
ClientSampled :
PB121441BL

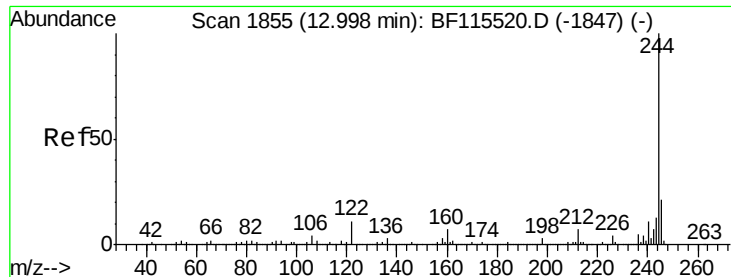
Tot Ion:188 Resp: 694039
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 10.4 8.6 13.0



#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





#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

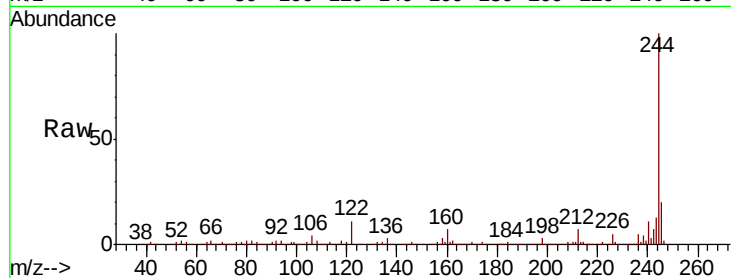
Tot Ion:244 Resp: 2130795

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

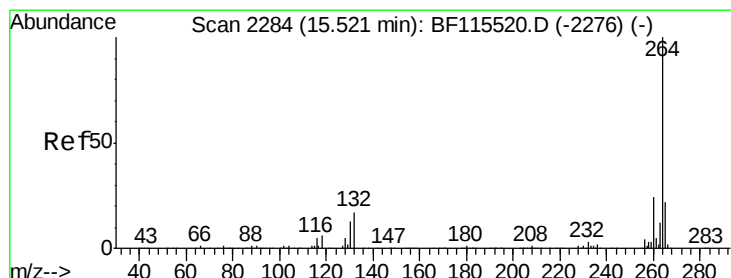
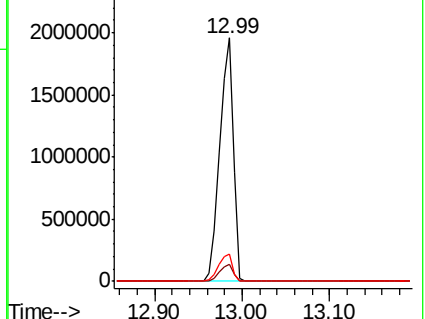
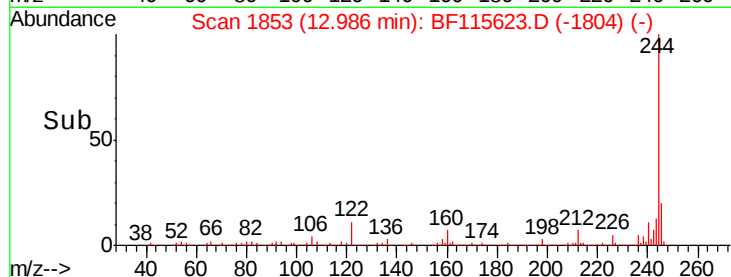
122 11.0 8.6 12.8



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

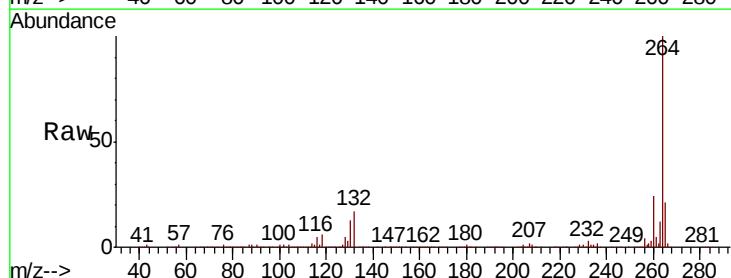
Tgt Ion:264 Resp: 407032

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

