

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115031.D
 Acq On : 14 Jun 2019 11:24
 Operator : HP/JU
 Sample : PB120585TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120585TB

Quant Time: Jun 15 05:12:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	272743	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1072764	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	524897	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1053000	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	840058	20.00	ng	-0.01
87) Perylene-d12	15.14	264	860642	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1783441	109.19	ng	0.00
7) Phenol-d6	6.29	99	2198644	111.59	ng	0.00
23) Nitrobenzene-d5	7.21	82	1330285	74.64	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	617998	109.95	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	2521386	81.41	ng	0.00
79) Terphenyl-d14	12.73	244	2774677	62.12	ng	0.00

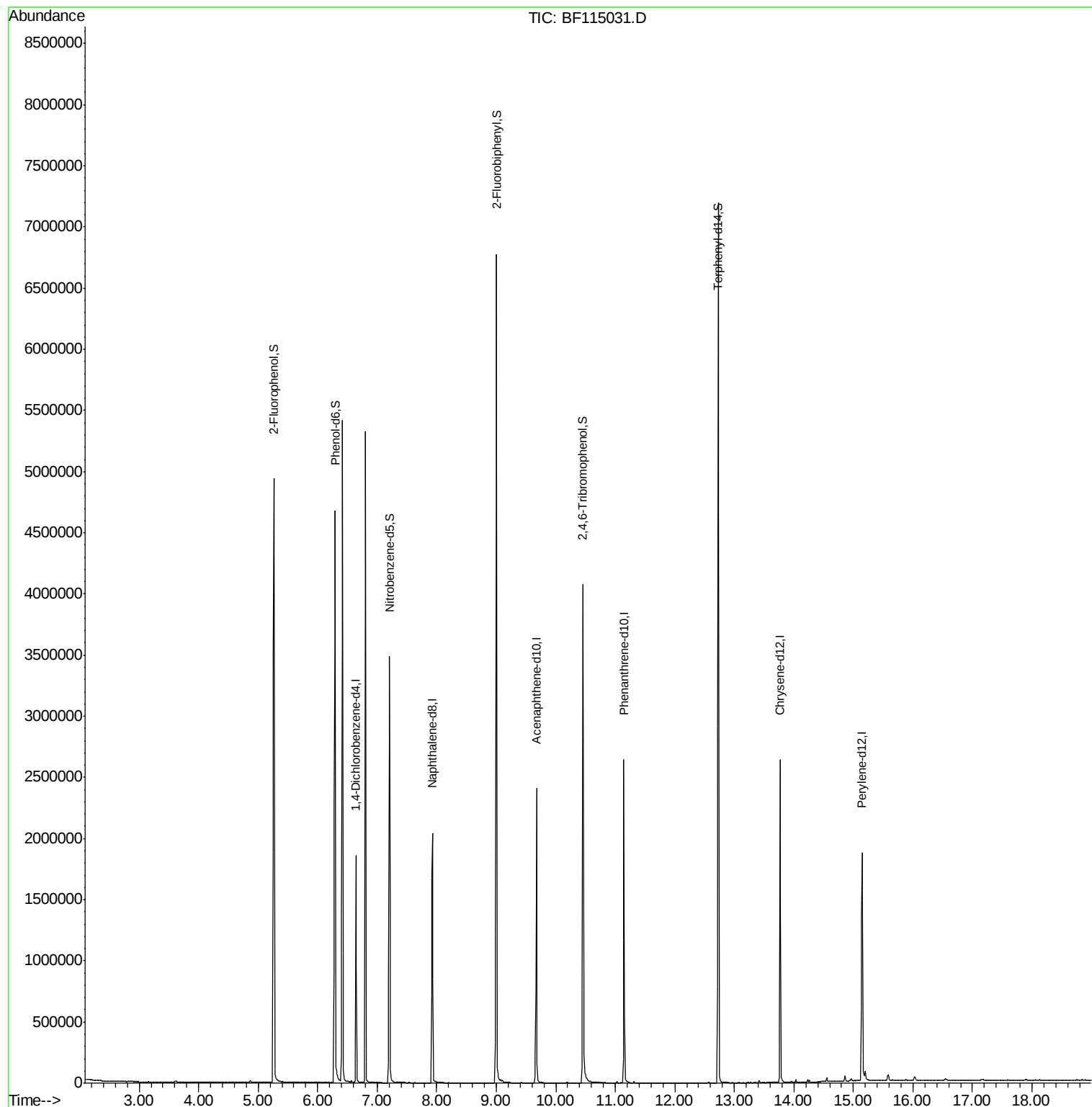
Target Compounds Qvalue

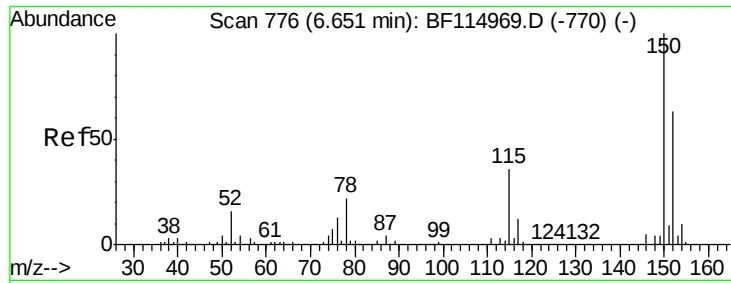
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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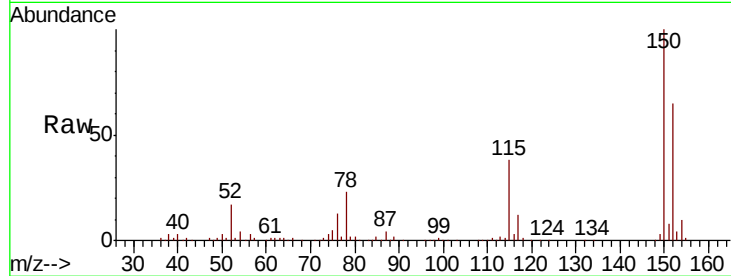


#1

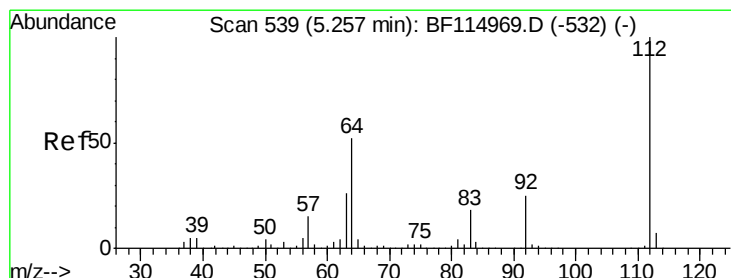
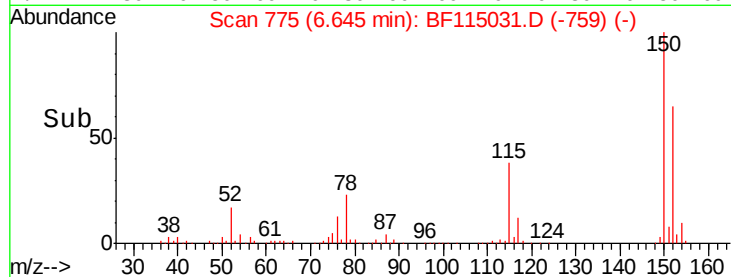
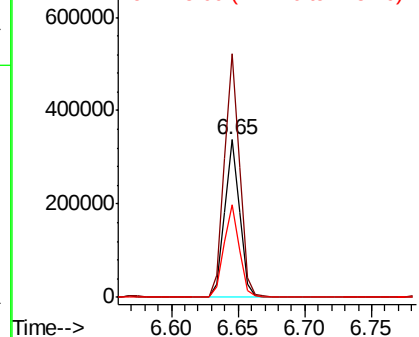
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115031.D
Acq: 14 Jun 2019 11:24

Instrument :
BNA_F
ClientSampleId :
PB120585TB

Tot Ion:152 Resp: 272743
Ion Ratio Lower Upper
152 100
150 154.4 127.4 191.0
115 59.0 46.0 69.0



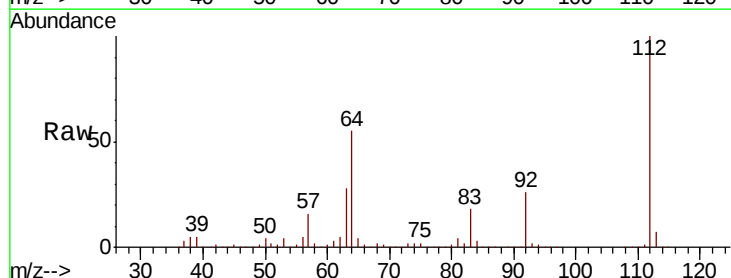
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



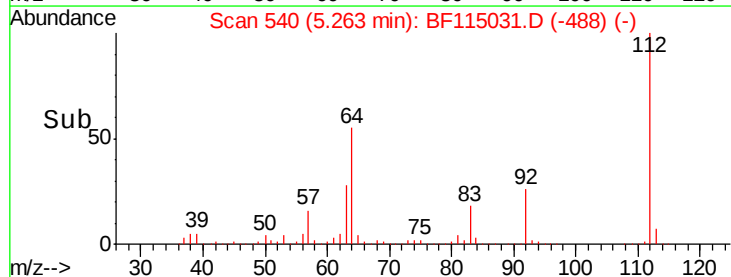
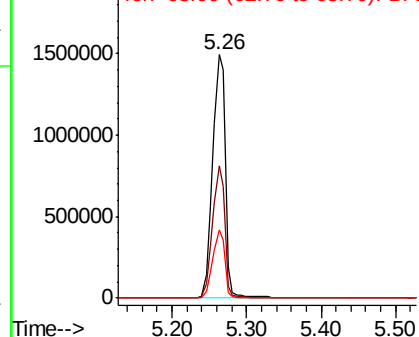
#5

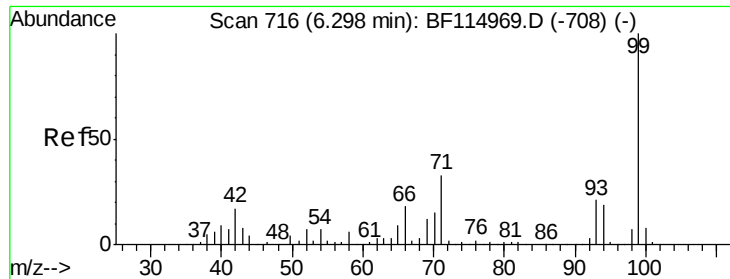
2-Fluorophenol
Concen: 109.186 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF115031.D
Acq: 14 Jun 2019 11:24

Tgt Ion:112 Resp: 1783441
Ion Ratio Lower Upper
112 100
64 54.5 41.6 62.4
63 27.9 20.9 31.3



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: 111.587 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115031.D

Acq: 14 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

PB120585TB

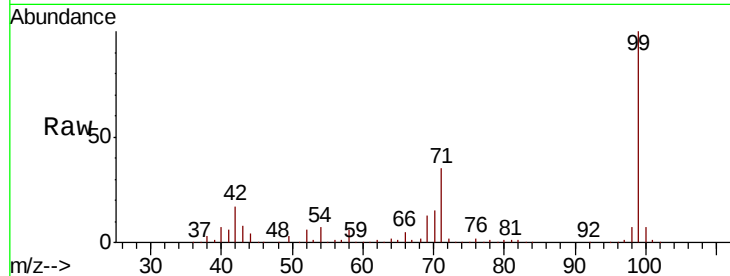
Tot Ion: 99 Resp: 2198644

Ion Ratio Lower Upper

99 100

42 16.5 13.4 20.2

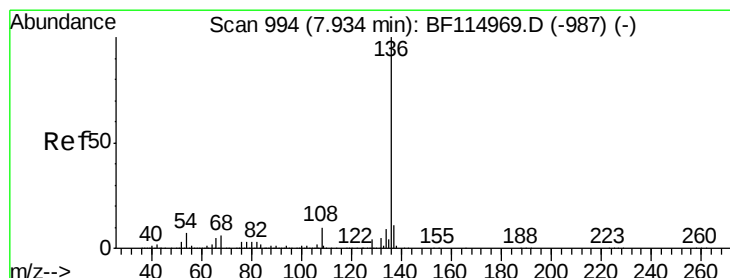
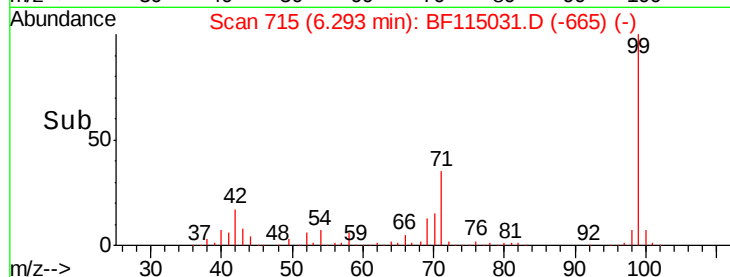
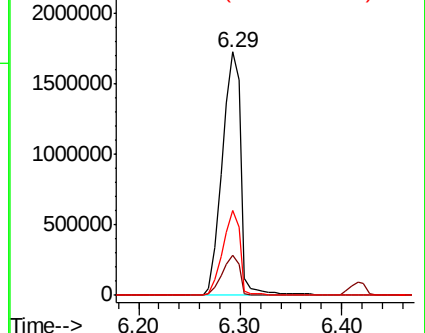
71 34.8 26.4 39.6



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: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115031.D

Acq: 14 Jun 2019 11:24

Tgt Ion:136 Resp: 1072764

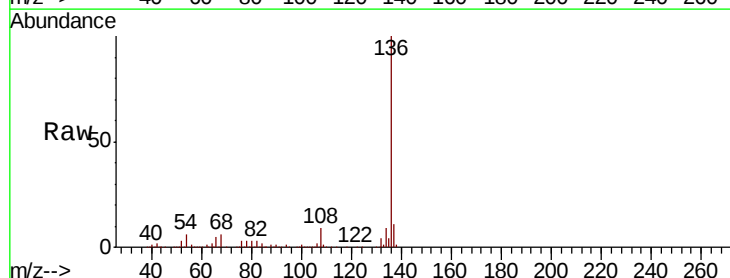
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.2 5.4 8.0

68 5.6 4.6 7.0

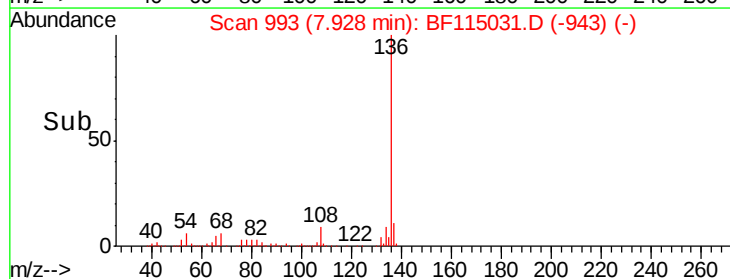
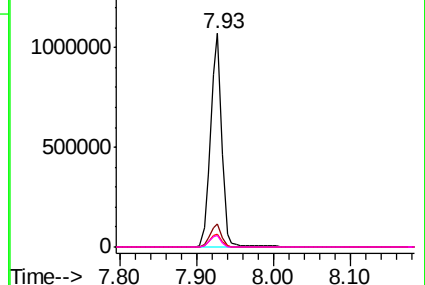


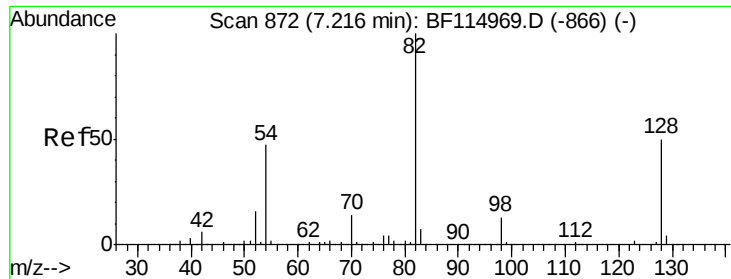
Abundance Ion 136.00 (135.70 to 136.70): E

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

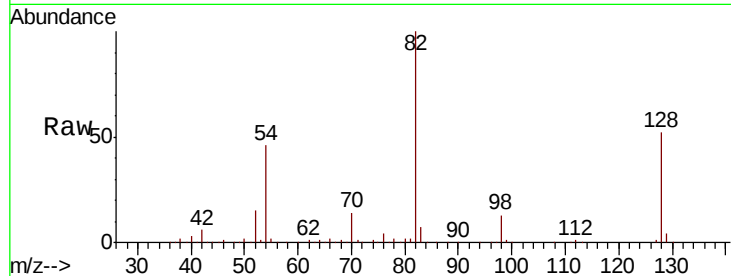




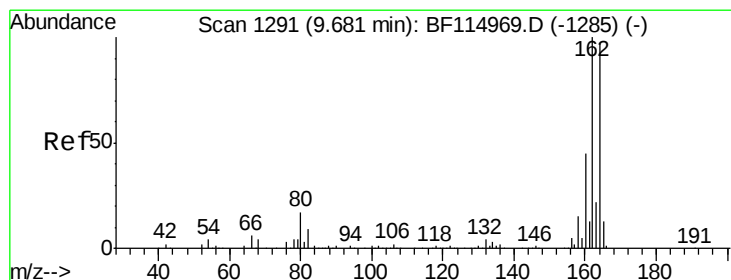
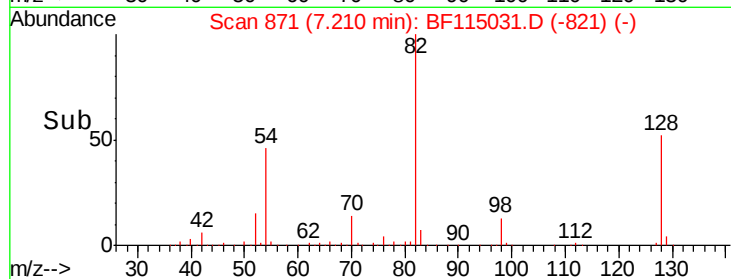
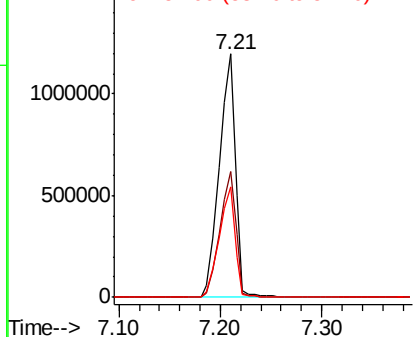
#23
Nitrobenzene-d5
Concen: 74.641 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115031.D
Acq: 14 Jun 2019 11:24

Instrument :
BNA_F
ClientSampleId :
PB120585TB

Tot Ion: 82 Resp: 1330285
Ion Ratio Lower Upper
82 100
128 51.6 39.9 59.9
54 45.5 37.3 55.9

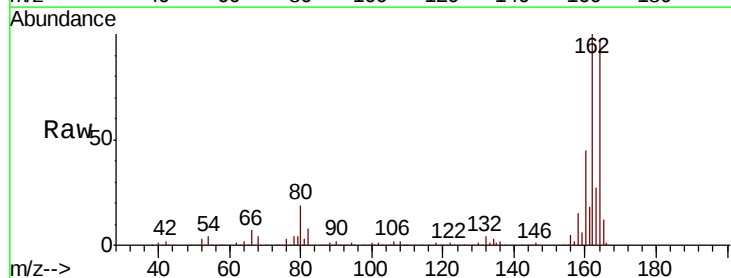


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

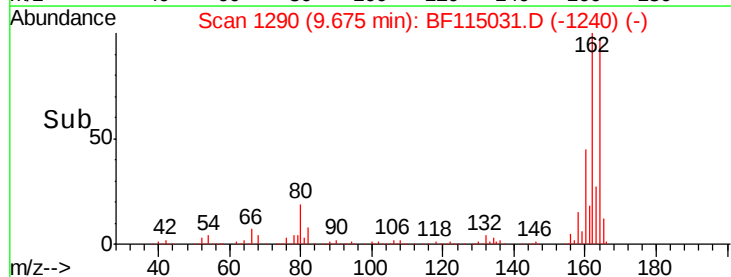
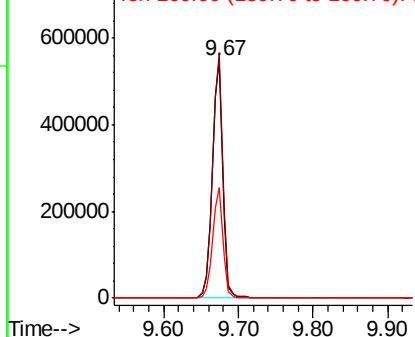


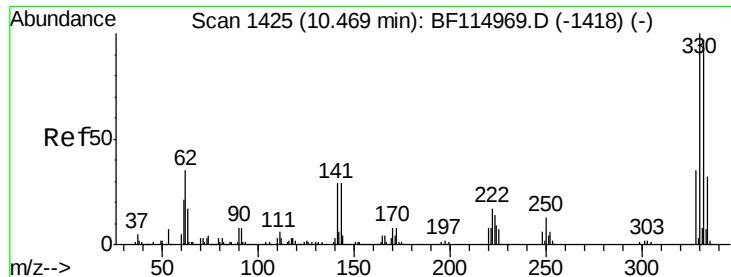
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115031.D
Acq: 14 Jun 2019 11:24

Tgt Ion:164 Resp: 524897
Ion Ratio Lower Upper
164 100
162 102.6 82.6 124.0
160 46.4 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 109.946 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF115031.D

Acq: 14 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

PB120585TB

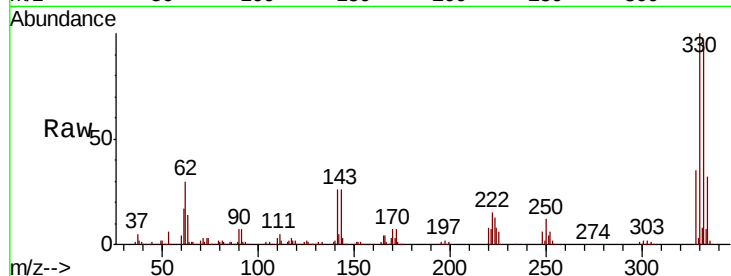
Tot Ion:330 Resp: 617998

Ion Ratio Lower Upper

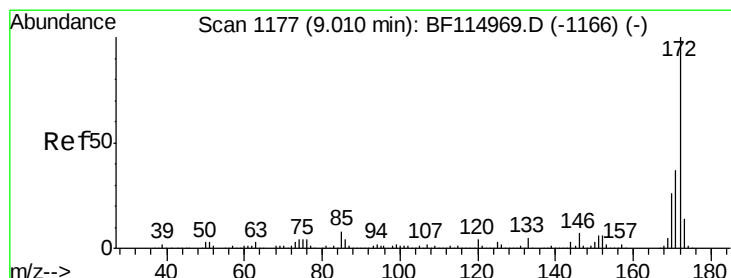
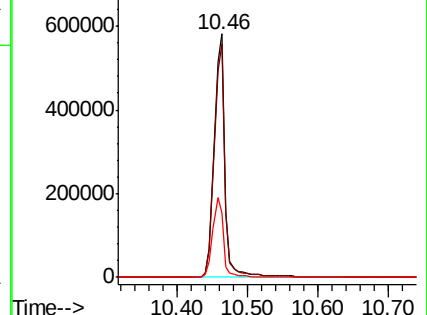
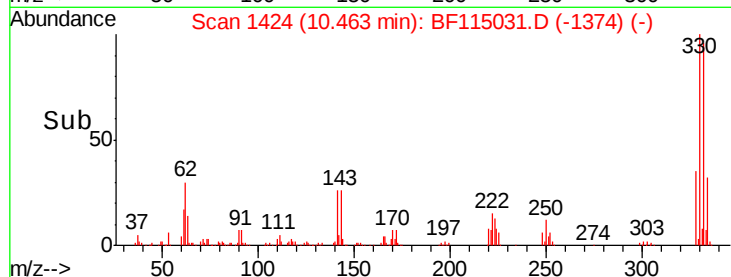
330 100

332 95.7 77.6 116.4

141 33.1 27.2 40.8



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: 81.413 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115031.D

Acq: 14 Jun 2019 11:24

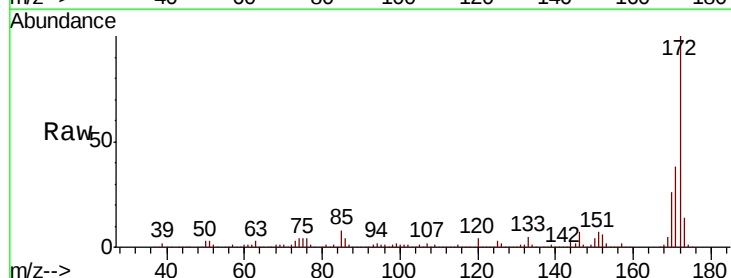
Tgt Ion:172 Resp: 2521386

Ion Ratio Lower Upper

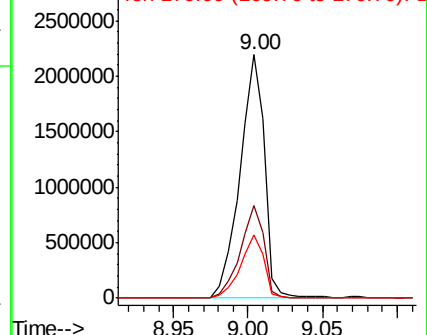
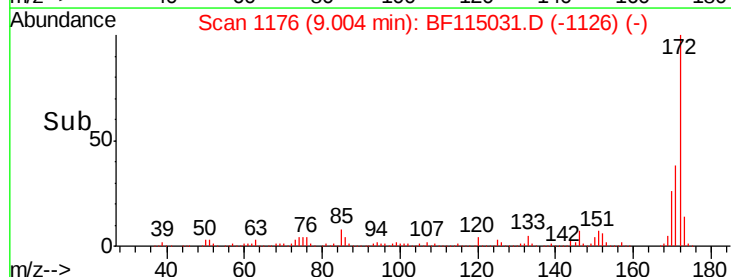
172 100

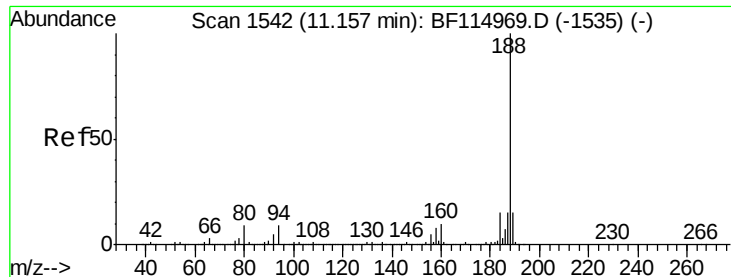
171 37.9 29.8 44.6

170 25.7 20.6 31.0



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

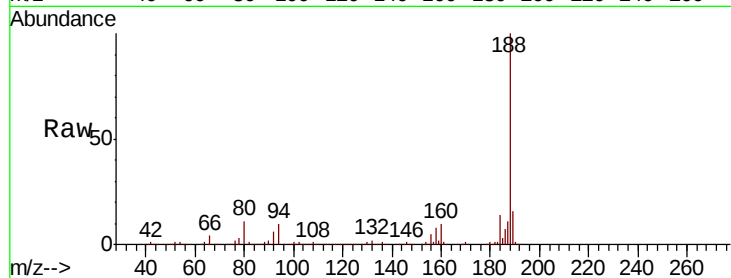




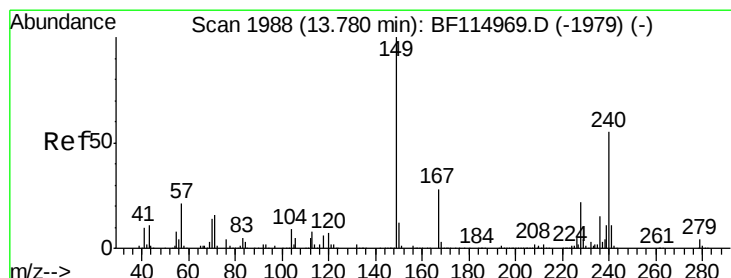
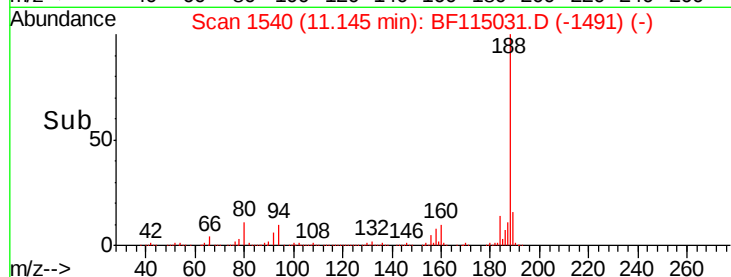
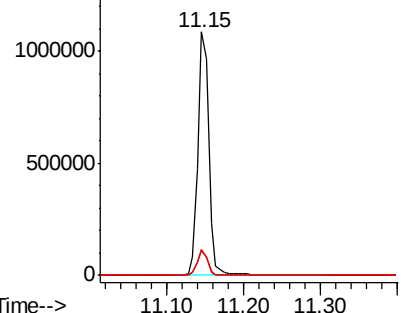
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115031.D
Acq: 14 Jun 2019 11:24

Instrument :
BNA_F
ClientSampleID :
PB120585TB

Tot Ion:188 Resp: 1053000
Ion Ratio Lower Upper
188 100
94 10.2 7.2 10.8
80 10.9 7.4 11.2

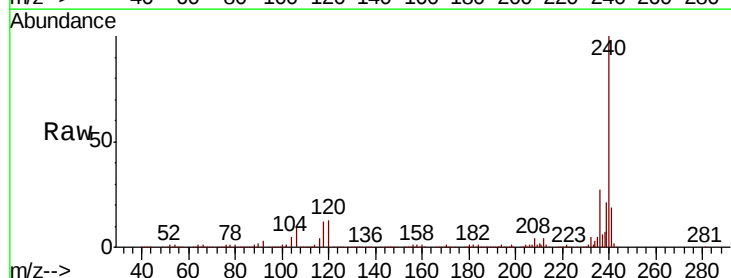


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

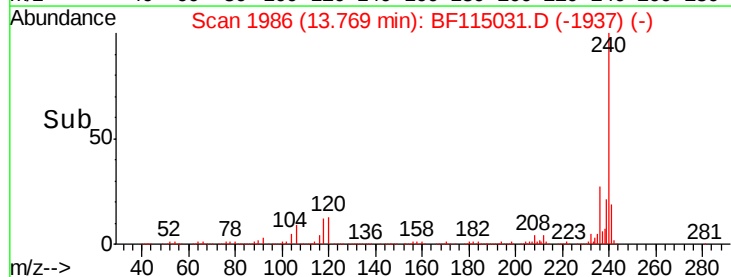
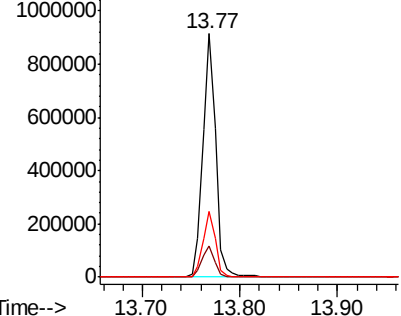


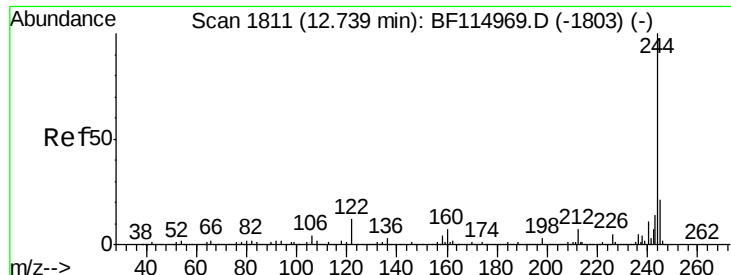
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115031.D
Acq: 14 Jun 2019 11:24

Tgt Ion:240 Resp: 840058
Ion Ratio Lower Upper
240 100
120 13.0 10.0 15.0
236 26.9 21.6 32.4



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: 62.124 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115031.D

Acq: 14 Jun 2019 11:24

Instrument :

BNA_F

ClientSampleId :

PB120585TB

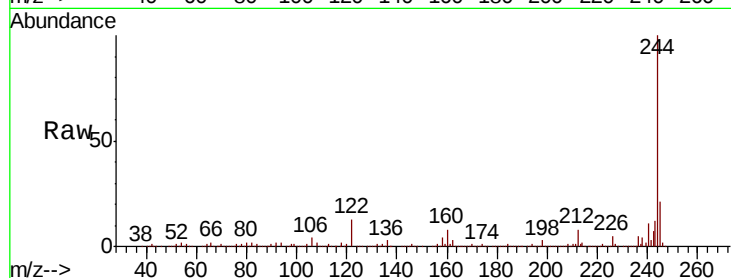
Tot Ion:244 Resp: 2774677

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

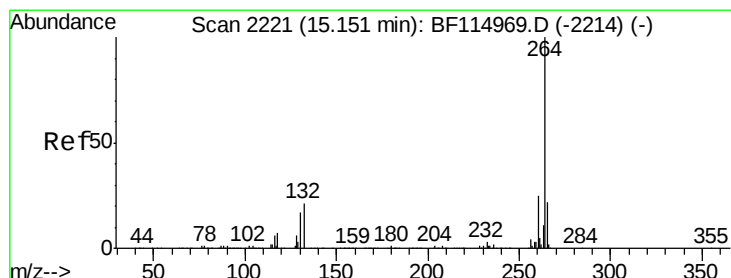
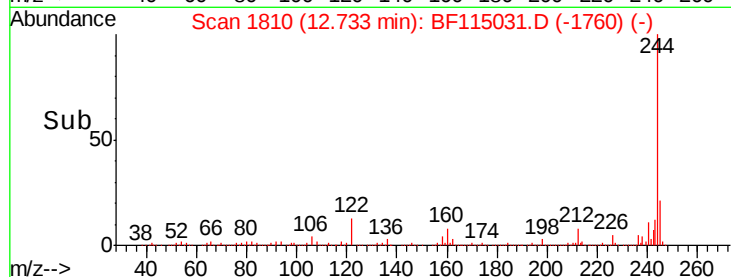
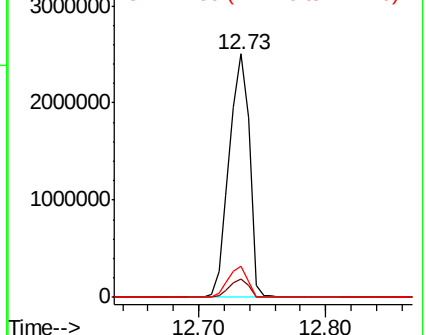
122 13.0 9.4 14.0



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: 15.14 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF115031.D

Acq: 14 Jun 2019 11:24

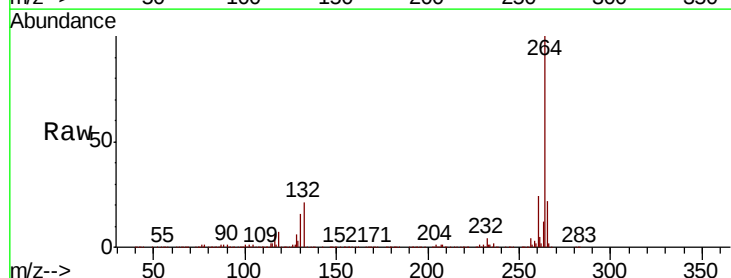
Tgt Ion:264 Resp: 860642

Ion Ratio Lower Upper

264 100

260 24.3 19.9 29.9

265 21.8 17.6 26.4



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

