

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114867.D
 Acq On : 6 Jun 2019 17:21
 Operator : HP/JU
 Sample : PB120321BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120321BL

Quant Time: Jun 07 02:15:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	398786	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1571680	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	811638	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1536953	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1005610	20.00	ng	0.00
87) Perylene-d12	15.17	264	875568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1909078	83.65	ng	0.02
7) Phenol-d6	6.30	99	2309331	83.16	ng	0.00
23) Nitrobenzene-d5	7.23	82	2111598	82.71	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	676670	77.36	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3746318	86.47	ng	0.00
79) Terphenyl-d14	12.76	244	3560493	68.86	ng	0.00

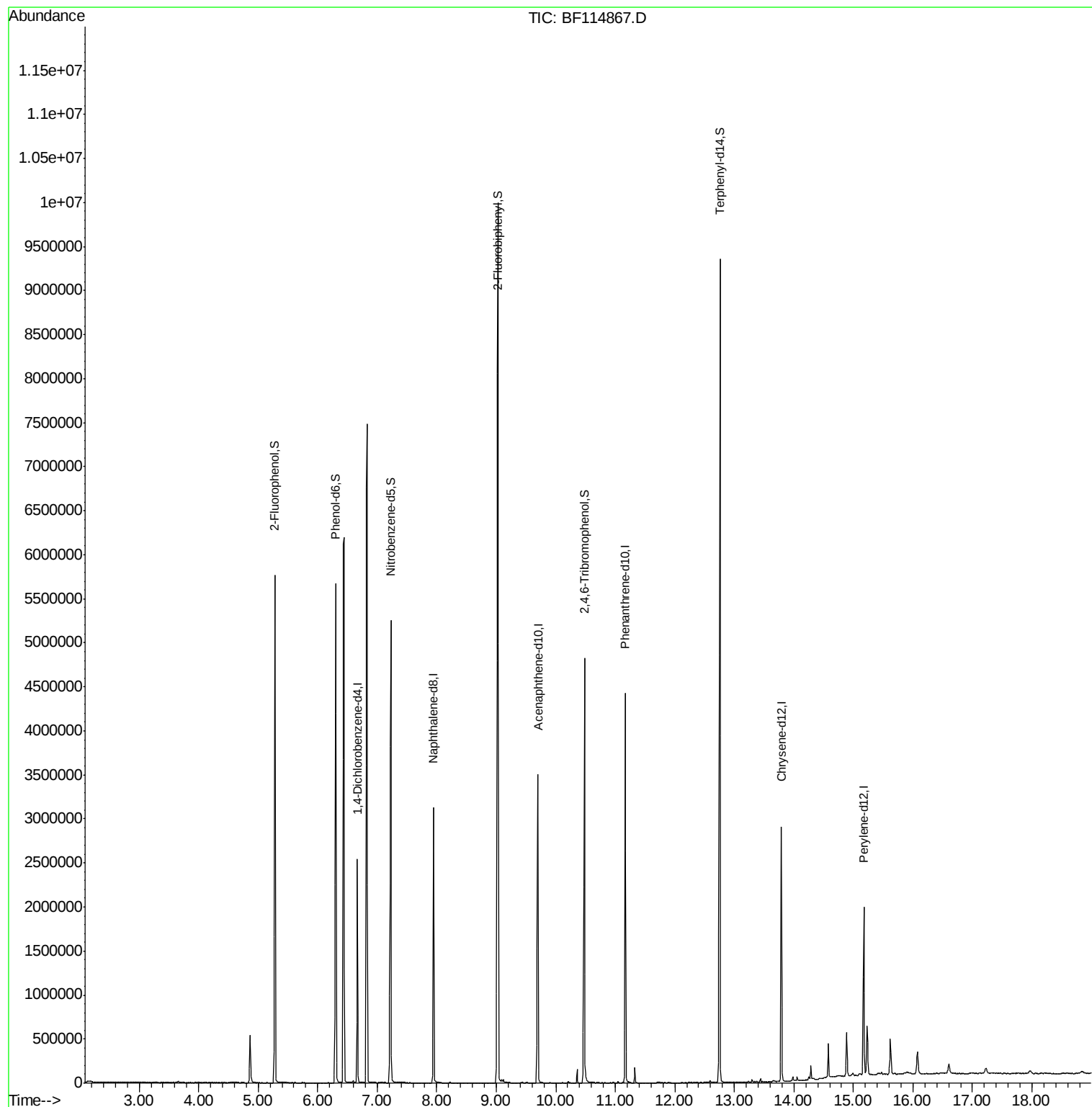
Target Compounds Qvalue

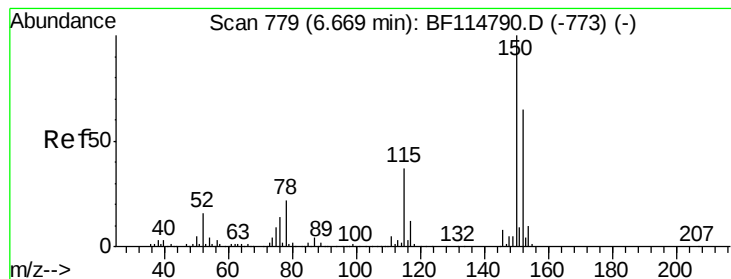
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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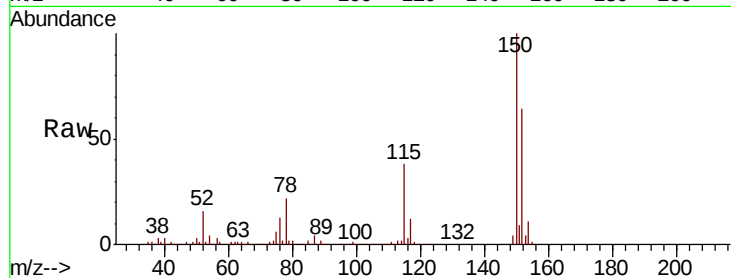


#1

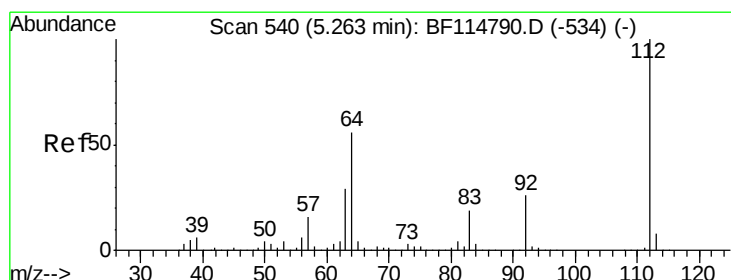
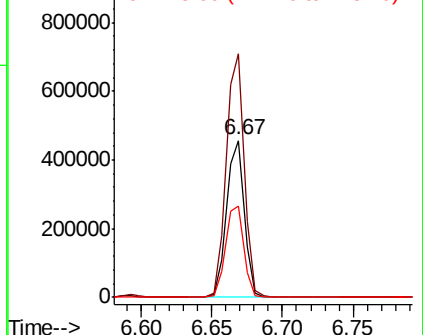
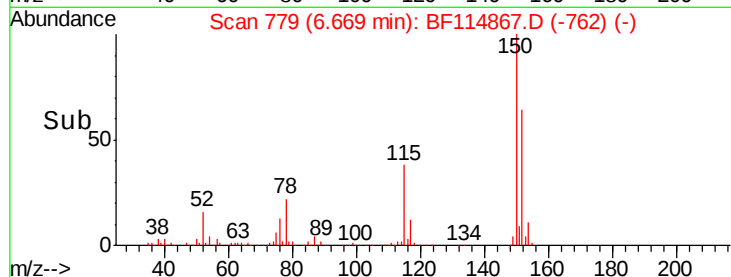
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114867.D
Acq: 6 Jun 2019 17:21

Instrument :
BNA_F
ClientSampleId :
PB120321BL

Tot Ion:152 Resp: 398786
Ion Ratio Lower Upper
152 100
150 155.3 124.0 186.0
115 58.3 46.3 69.5



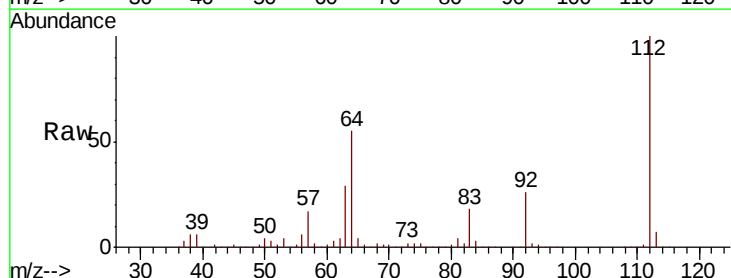
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



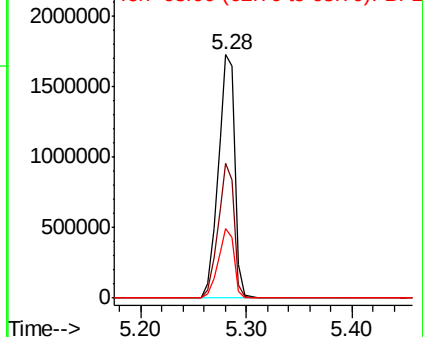
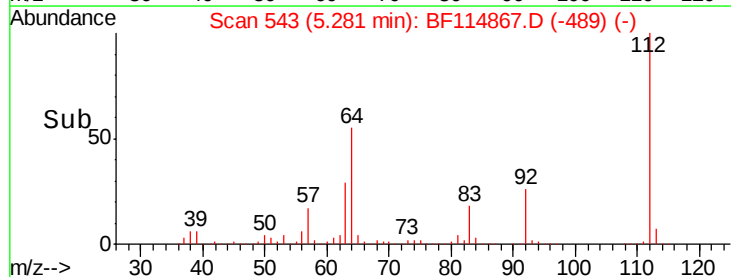
#5

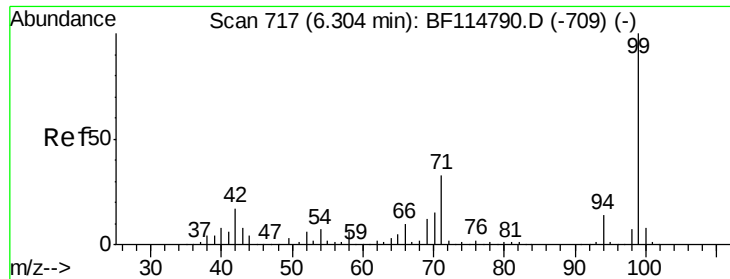
2-Fluorophenol
Concen: 83.650 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF114867.D
Acq: 6 Jun 2019 17:21

Tgt Ion:112 Resp: 1909078
Ion Ratio Lower Upper
112 100
64 55.5 44.6 66.8
63 28.6 23.0 34.4



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: 83.159 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF114867.D

Acq: 6 Jun 2019 17:21

Instrument :

BNA_F

ClientSampled :

PB120321BL

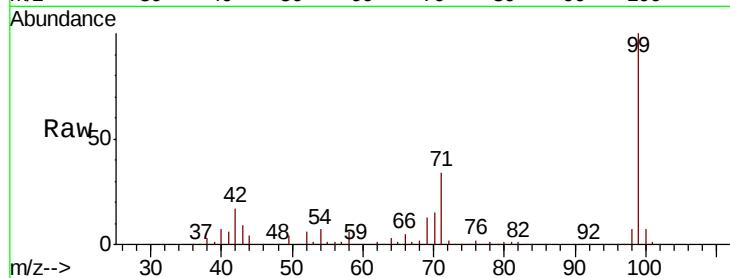
Tot Ion: 99 Resp: 2309331

Ion Ratio Lower Upper

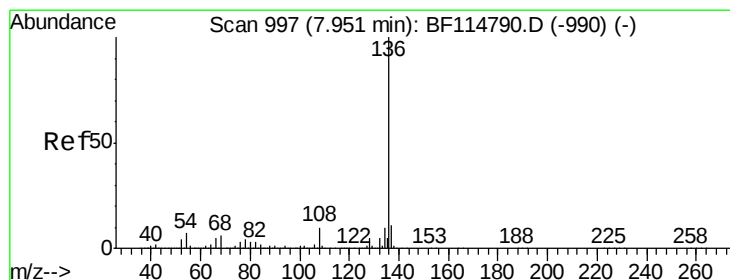
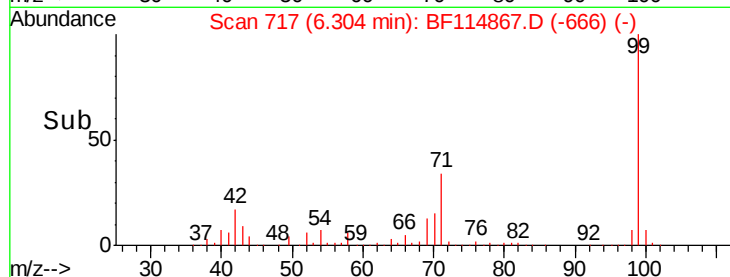
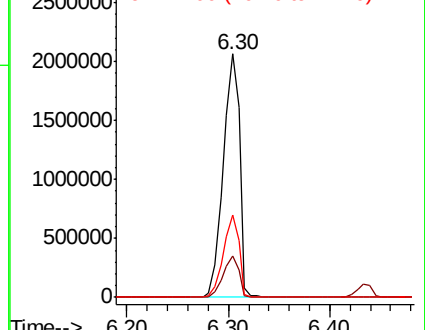
99 100

42 17.0 13.3 19.9

71 34.0 26.3 39.5



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: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF114867.D

Acq: 6 Jun 2019 17:21

Tgt Ion: 136 Resp: 1571680

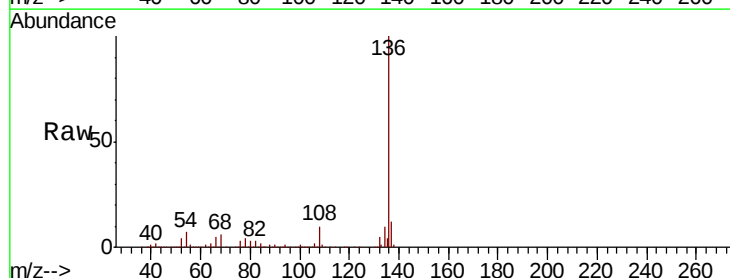
Ion Ratio Lower Upper

136 100

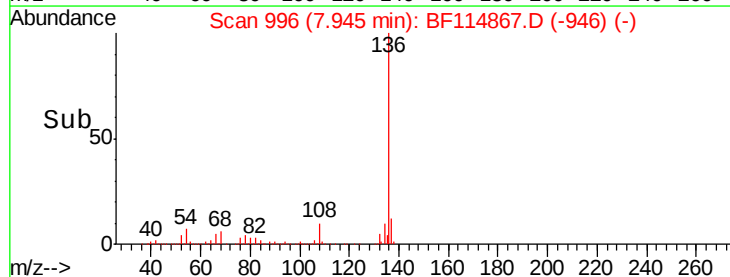
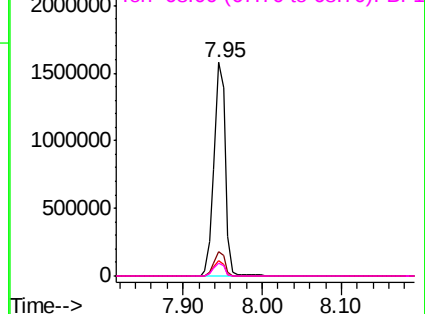
137 11.5 9.1 13.7

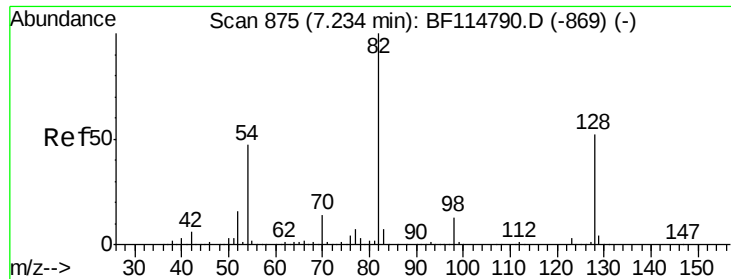
54 7.3 5.4 8.0

68 6.1 4.6 6.8



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

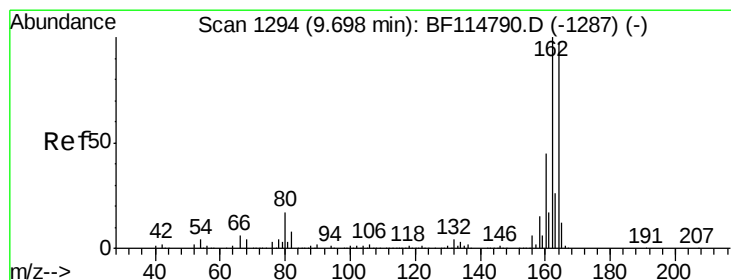
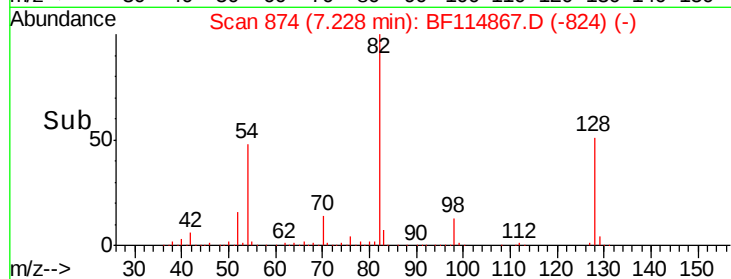
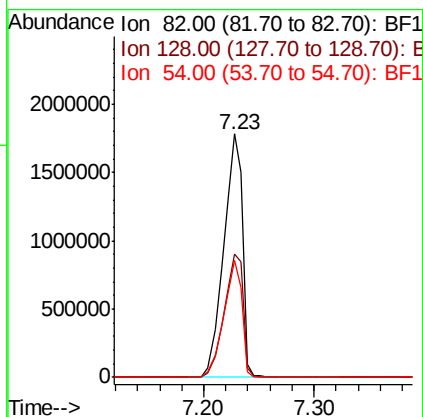
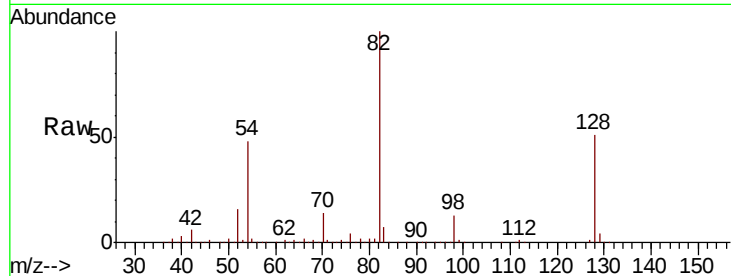




#23
 Nitrobenzene-d5
 Concen: 82.706 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF114867.D
 Acq: 6 Jun 2019 17:21

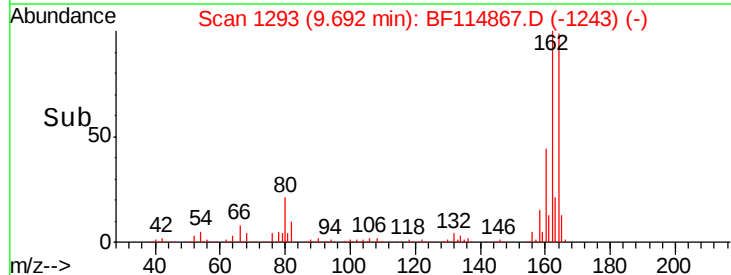
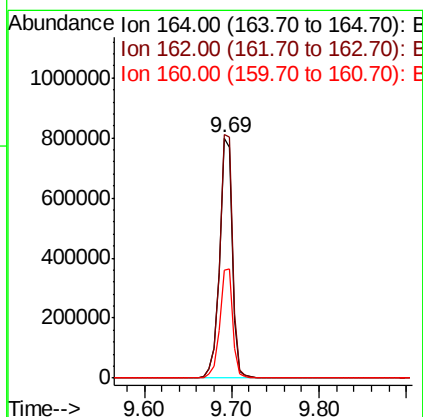
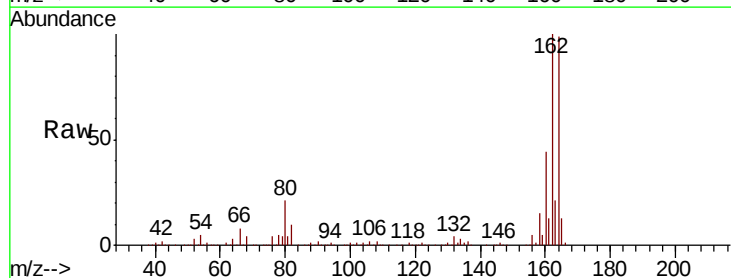
Instrument :
 BNA_F
 ClientSampleId :
 PB120321BL

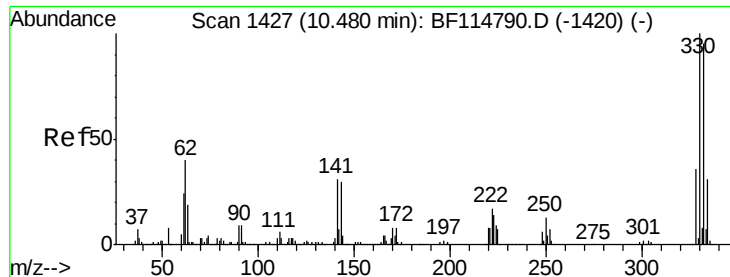
Tot Ion: 82 Resp: 2111598
 Ion Ratio Lower Upper
 82 100
 128 50.6 41.8 62.6
 54 48.0 37.9 56.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF114867.D
 Acq: 6 Jun 2019 17:21

Tgt Ion:164 Resp: 811638
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.3 123.5
 160 45.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 77.363 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BF114867.D

Acq: 6 Jun 2019 17:21

Instrument :

BNA_F

ClientSampleId :

PB120321BL

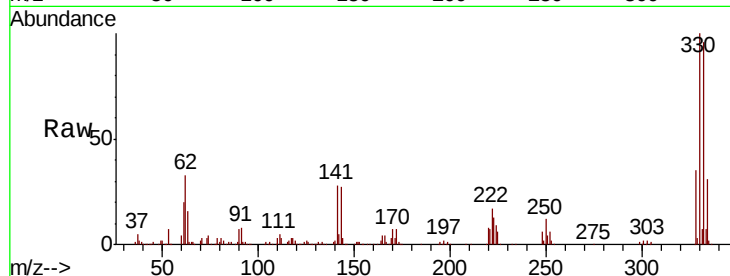
Tot Ion:330 Resp: 676670

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

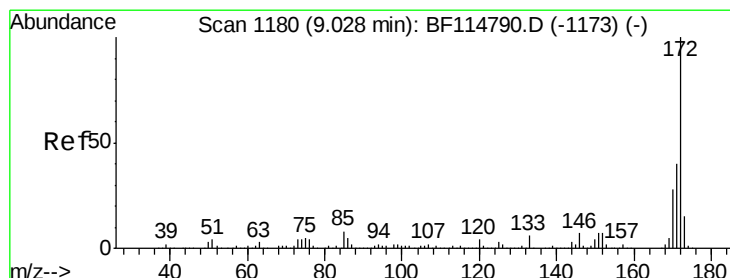
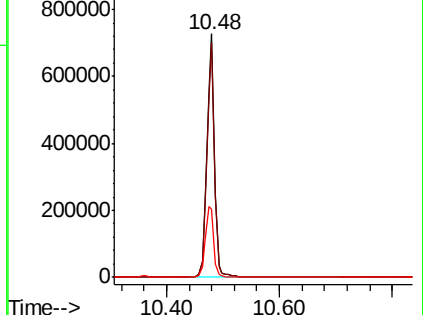
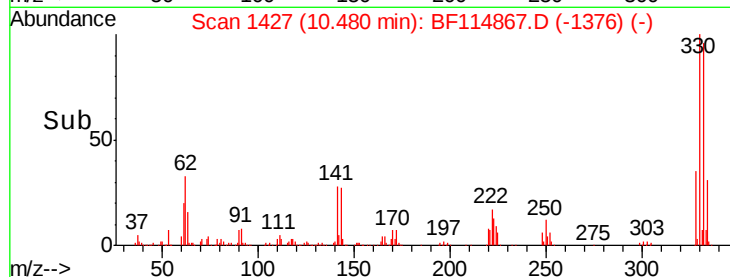
141 33.0 26.2 39.4



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: 86.466 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF114867.D

Acq: 6 Jun 2019 17:21

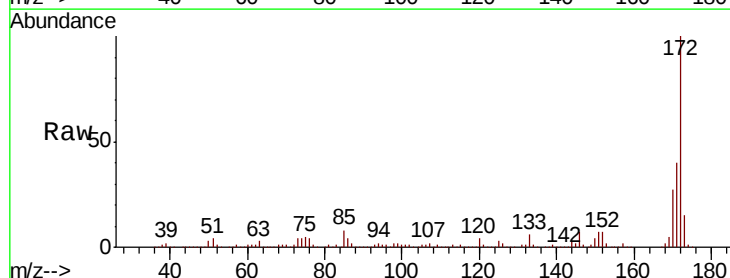
Tgt Ion:172 Resp: 3746318

Ion Ratio Lower Upper

172 100

171 39.6 32.3 48.5

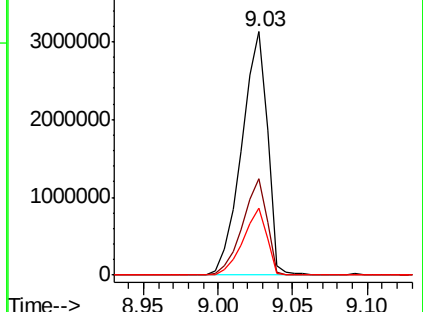
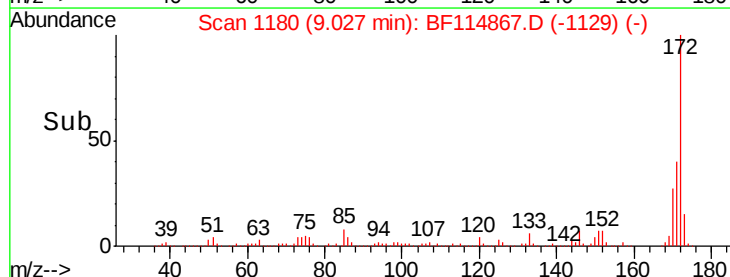
170 27.3 22.4 33.6

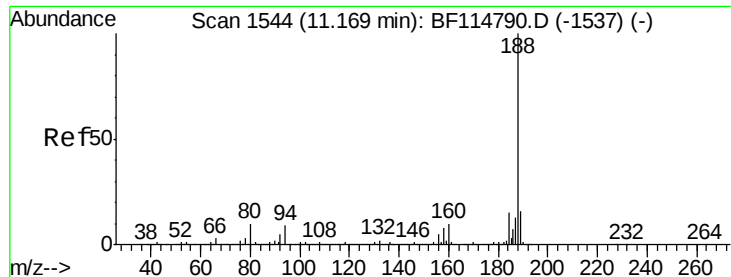


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.17 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BF114867.D

Acq: 6 Jun 2019 17:21

Instrument :

BNA_F

ClientSampleId :

PB120321BL

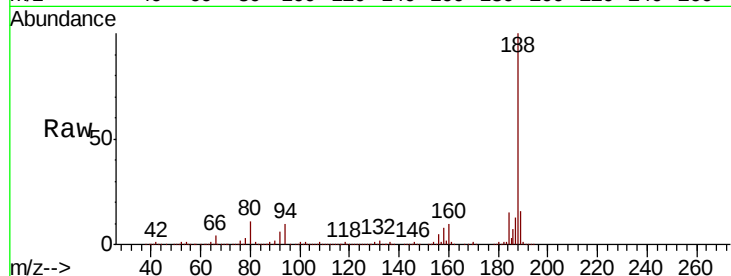
Tot Ion:188 Resp: 1536953

Ion Ratio Lower Upper

188 100

94 10.2 7.6 11.4

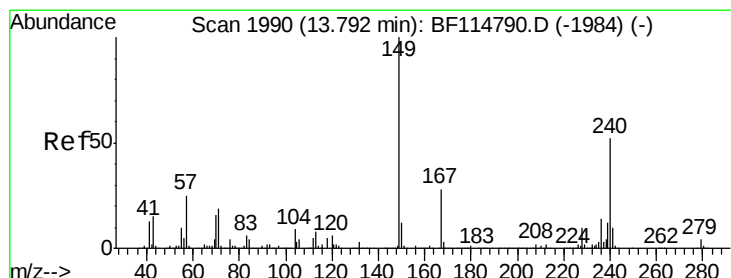
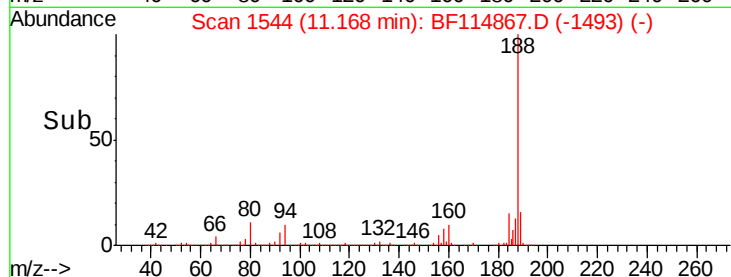
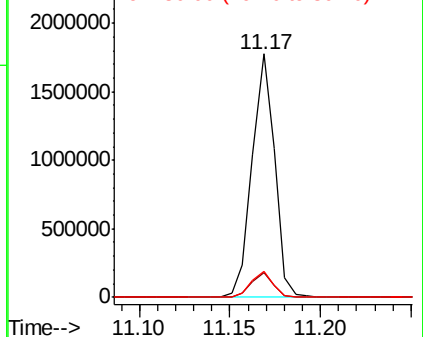
80 10.6 8.3 12.5



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: 13.79 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BF114867.D

Acq: 6 Jun 2019 17:21

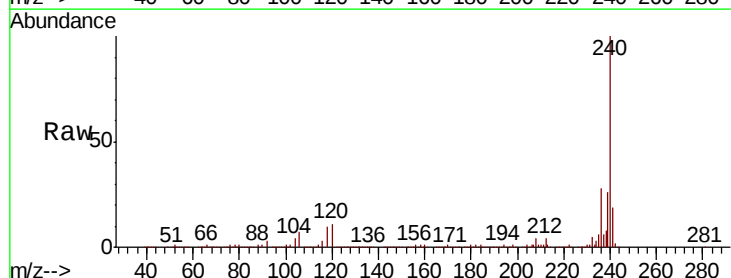
Tgt Ion:240 Resp: 1005610

Ion Ratio Lower Upper

240 100

120 10.7 9.0 13.4

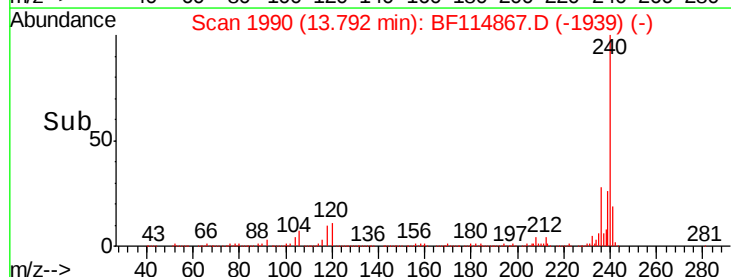
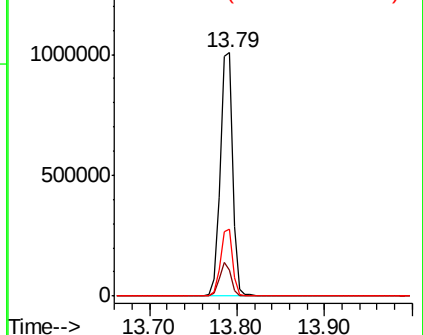
236 27.7 21.4 32.0

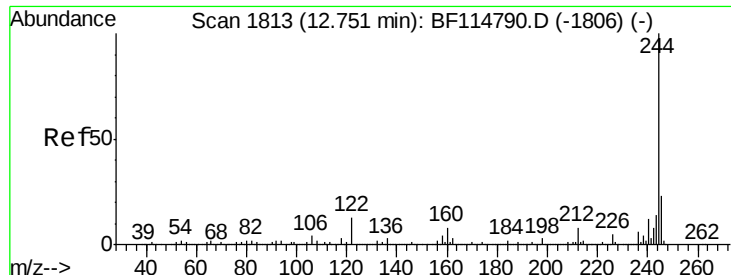


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



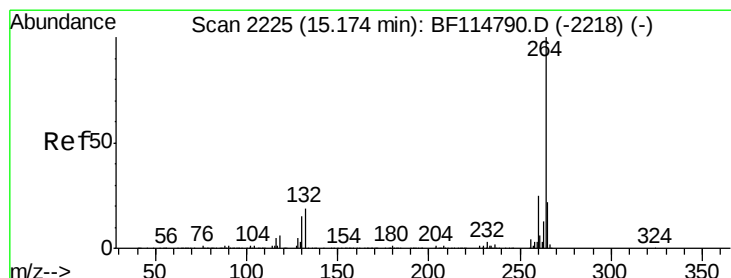
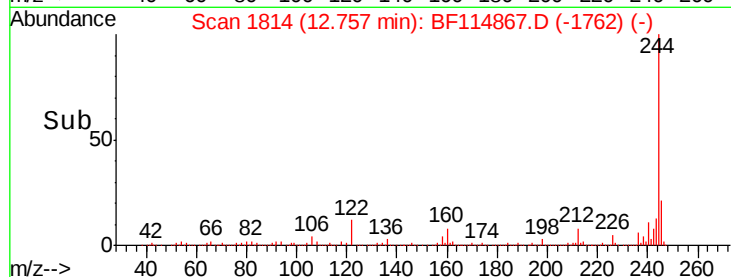
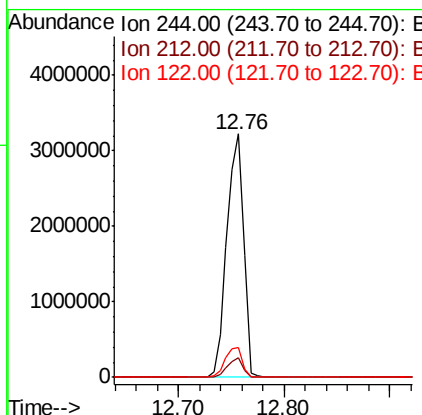
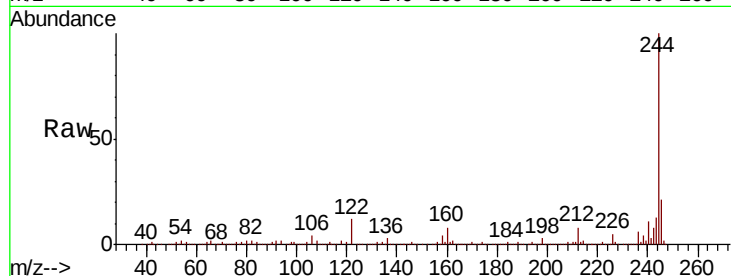


#79
 Terphenyl-d14
 Concen: 68.857 ng
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BF114867.D
 Acq: 6 Jun 2019 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB120321BL

Tot Ion:244 Resp: 3560493

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	12.4	10.5	15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF114867.D
 Acq: 6 Jun 2019 17:21

Tgt Ion:264 Resp: 875568

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	21.5	17.7	26.5

