

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
 Data File : BF112768.D
 Acq On : 28 Feb 2019 18:35
 Operator : JU/SJ
 Sample : PB117468BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117468BL

Quant Time: Mar 01 06:30:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	187996	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	713991	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	333833	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	606236	20.00	ng	0.00
76) Chrysene-d12	13.87	240	398196	20.00	ng	0.00
87) Perylene-d12	15.29	264	423734	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1233851	102.09	ng	0.02
7) Phenol-d6	6.38	99	1557215	102.57	ng	0.01
23) Nitrobenzene-d5	7.30	82	971959	81.46	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	386802	109.14	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1730122	89.66	ng	0.00
79) Terphenyl-d14	12.83	244	1492933	72.68	ng	0.00

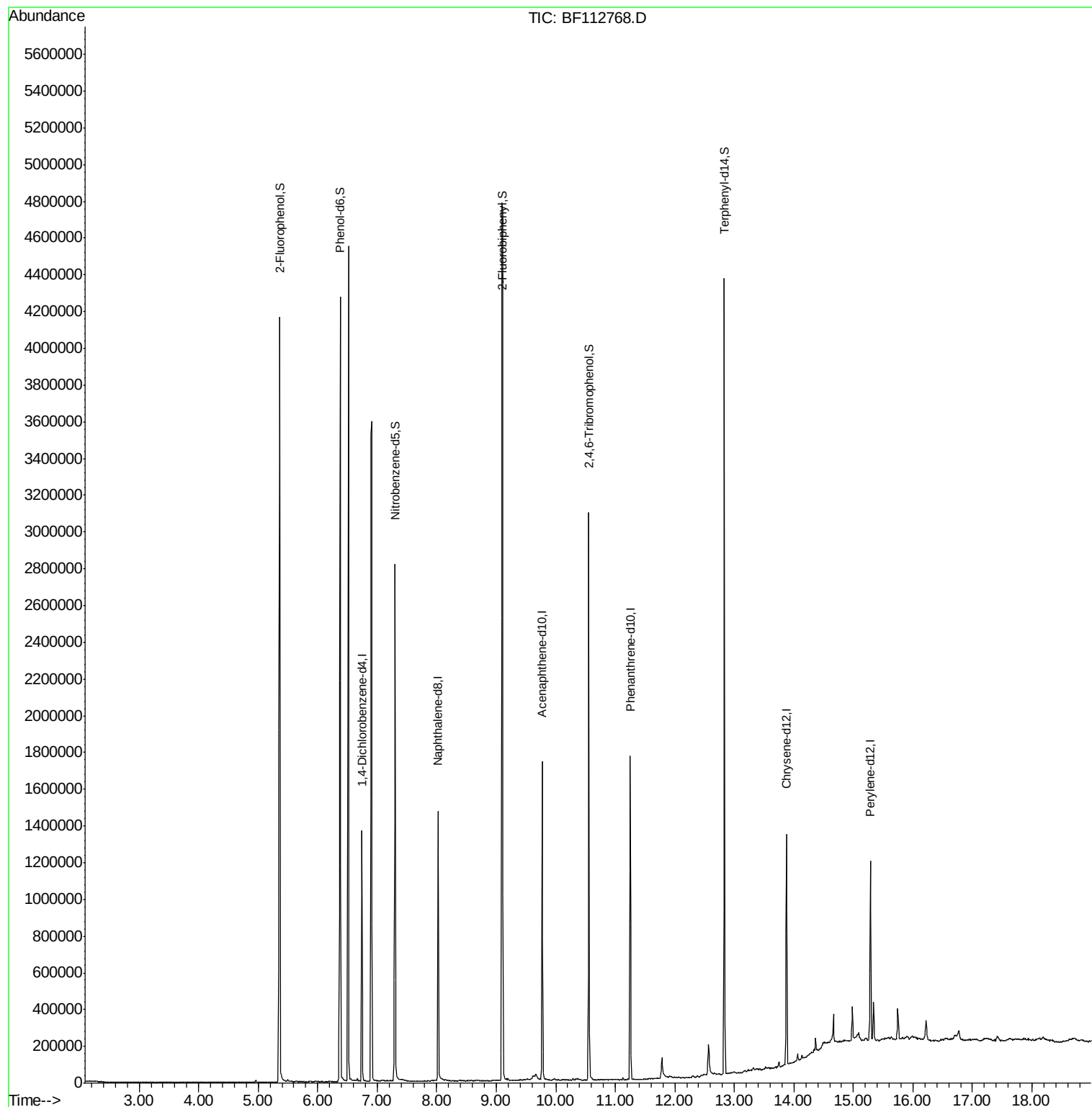
Target Compounds Qvalue

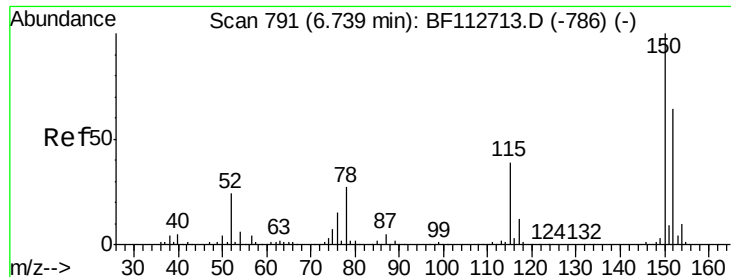
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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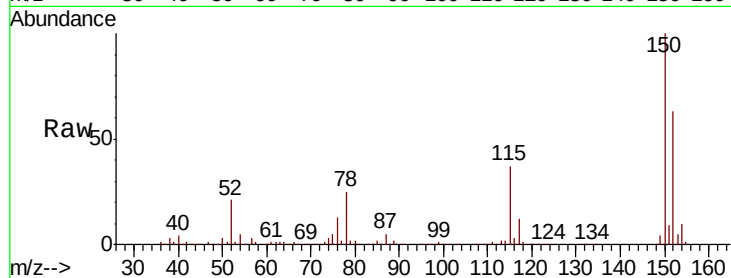


#1

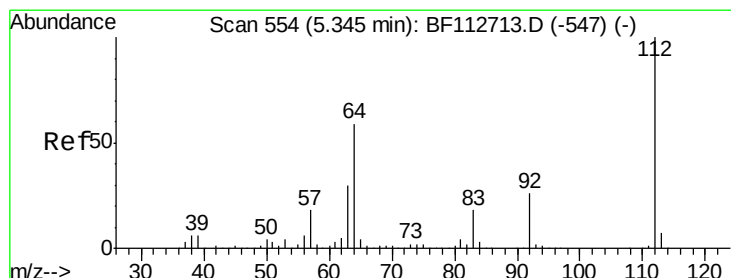
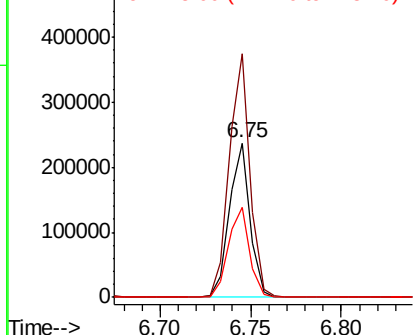
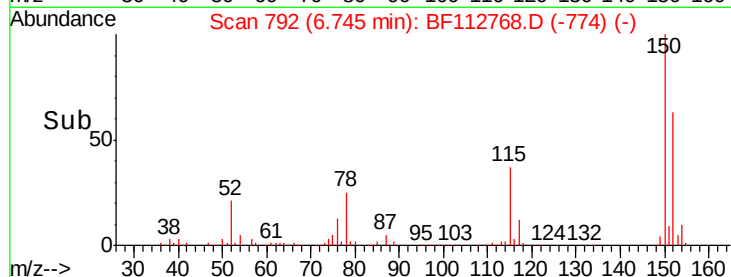
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF112768.D
 Acq: 28 Feb 2019 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB117468BL

Tot Ion:152 Resp: 187996
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.2 186.2
 115 58.2 48.2 72.4



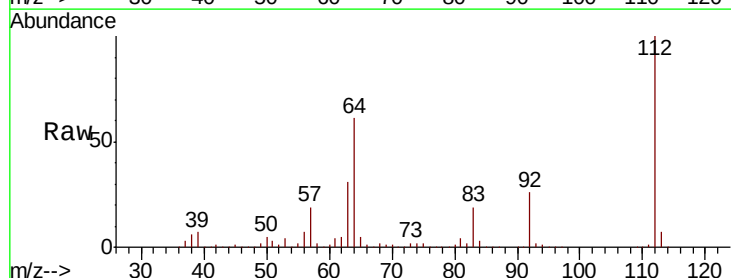
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



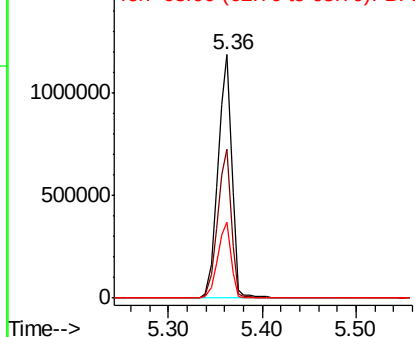
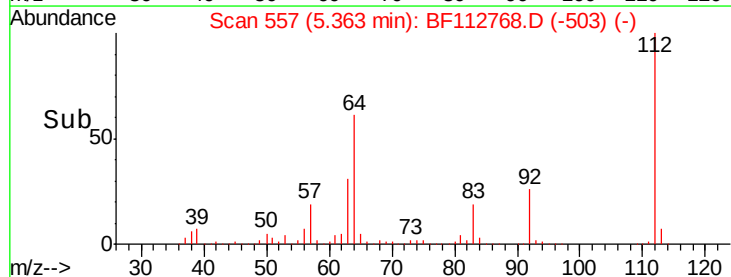
#5

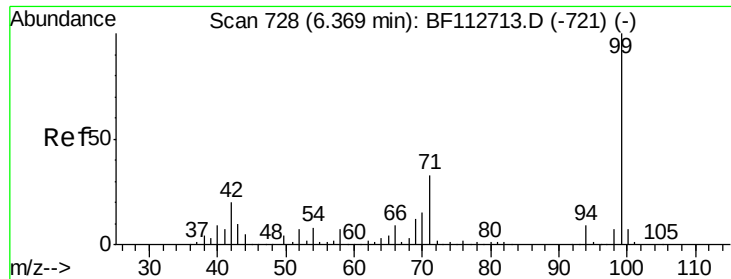
2-Fluorophenol
 Concen: 102.093 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.02 min
 Lab File: BF112768.D
 Acq: 28 Feb 2019 18:35

Tgt Ion:112 Resp: 1233851
 Ion Ratio Lower Upper
 112 100
 64 60.9 47.6 71.4
 63 31.4 24.4 36.6



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: 102.574 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112768.D

Acq: 28 Feb 2019 18:35

Instrument :

BNA_F

ClientSampleId :

PB117468BL

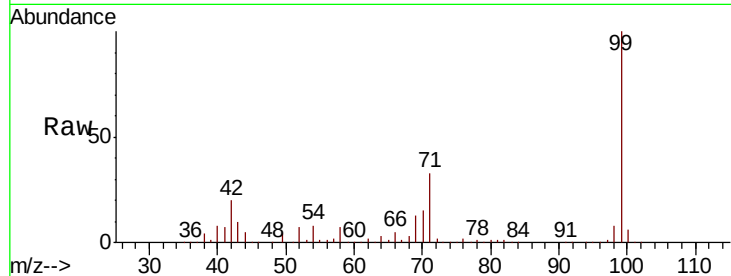
Tot Ion: 99 Resp: 1557215

Ion Ratio Lower Upper

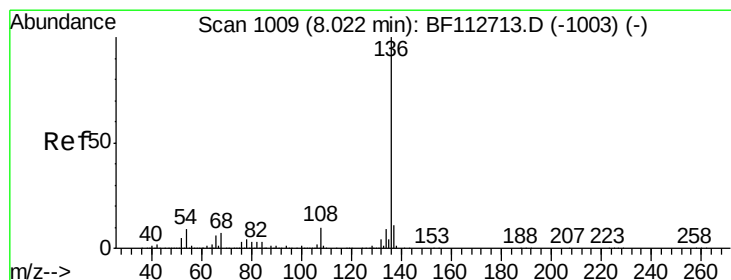
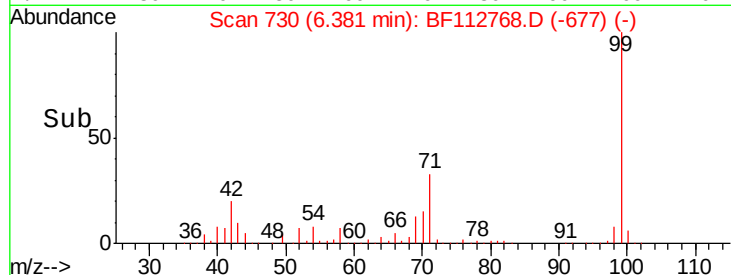
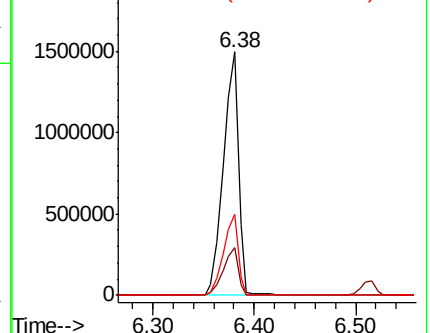
99 100

42 19.6 16.3 24.5

71 33.4 26.2 39.4



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: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF112768.D

Acq: 28 Feb 2019 18:35

Tgt Ion: 136 Resp: 713991

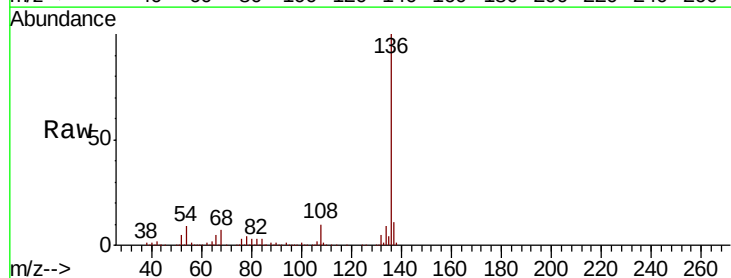
Ion Ratio Lower Upper

136 100

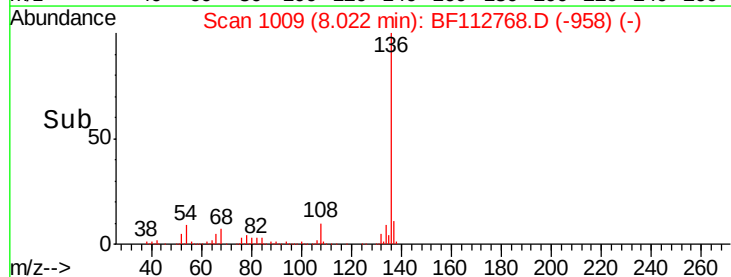
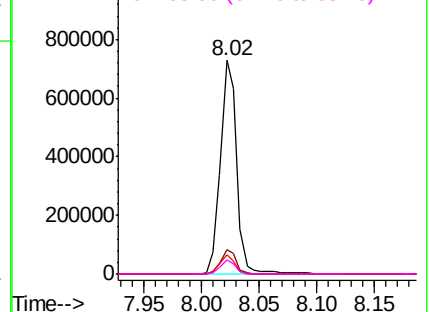
137 11.2 8.9 13.3

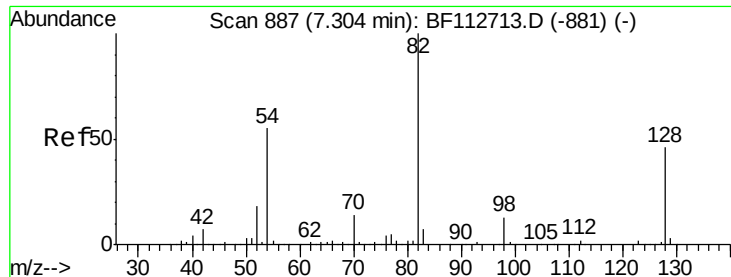
54 8.8 7.3 10.9

68 6.6 5.4 8.2



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

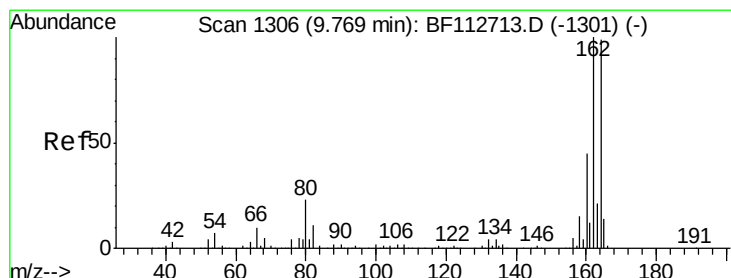
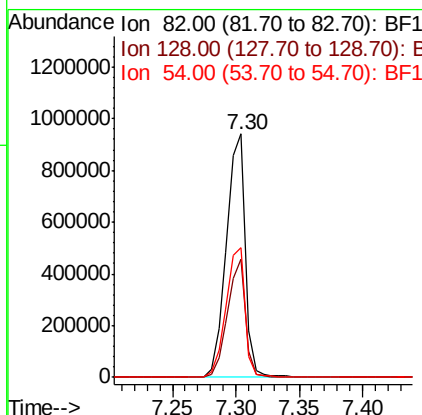
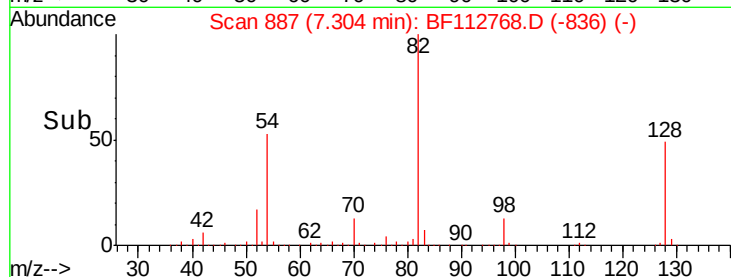
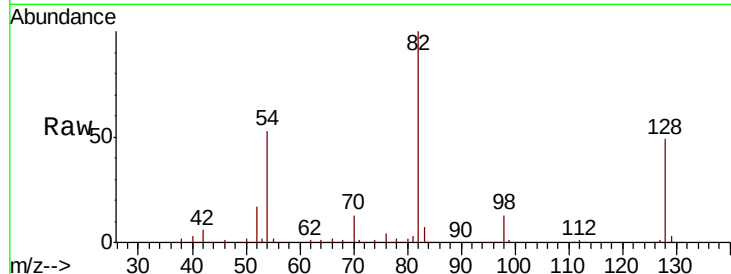




#23
 Nitrobenzene-d5
 Concen: 81.458 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF112768.D
 Acq: 28 Feb 2019 18:35

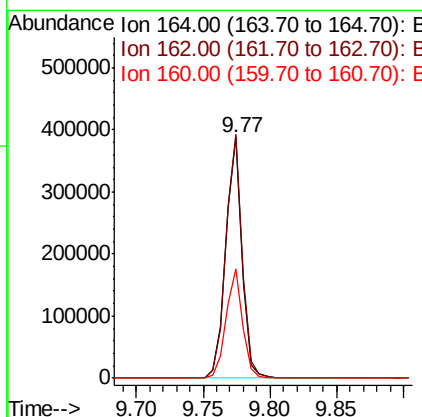
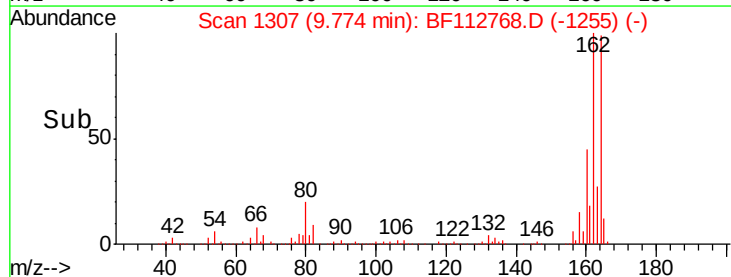
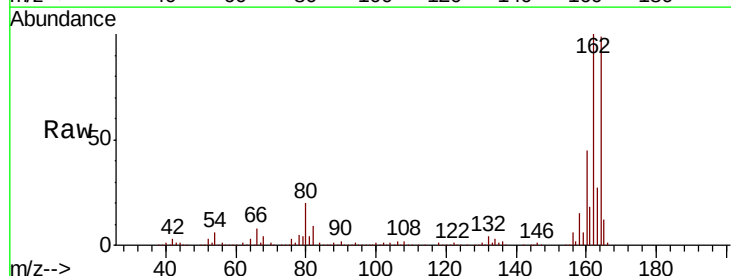
Instrument :
 BNA_F
 ClientSampleId :
 PB117468BL

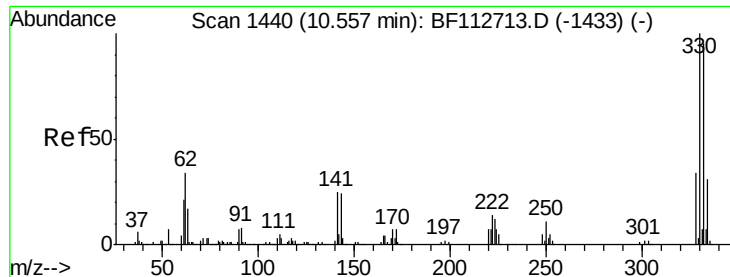
Tot Ion	82	Resp	971959
Ion Ratio	Lower	Upper	
82	100		
128	48.6	36.3	54.5
54	53.4	43.7	65.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF112768.D
 Acq: 28 Feb 2019 18:35

Tgt Ion	164	Resp	333833
Ion Ratio	Lower	Upper	
164	100		
162	101.1	80.6	120.8
160	45.4	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 109.141 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF112768.D

Acq: 28 Feb 2019 18:35

Instrument :

BNA_F

ClientSampleId :

PB117468BL

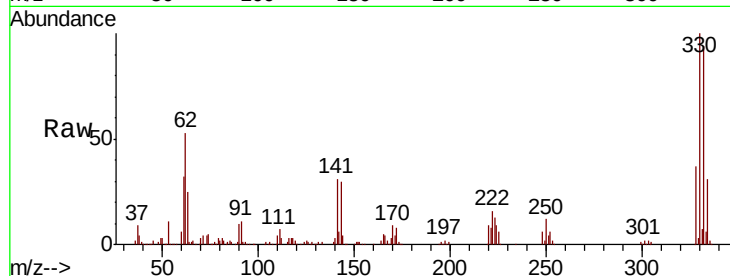
Tot Ion:330 Resp: 386802

Ion Ratio Lower Upper

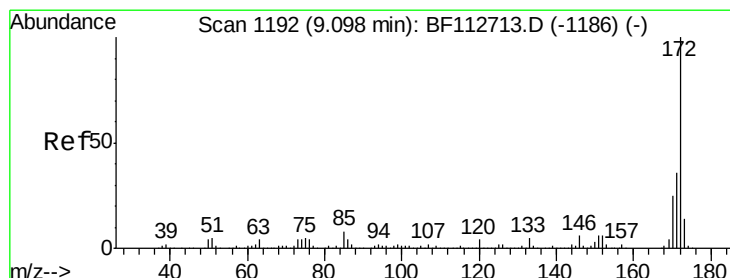
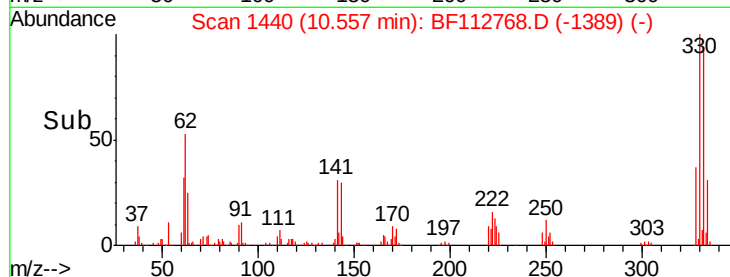
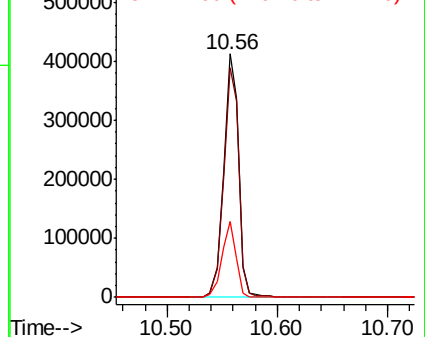
330 100

332 96.3 76.2 114.4

141 29.7 27.0 40.6



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: 89.664 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BF112768.D

Acq: 28 Feb 2019 18:35

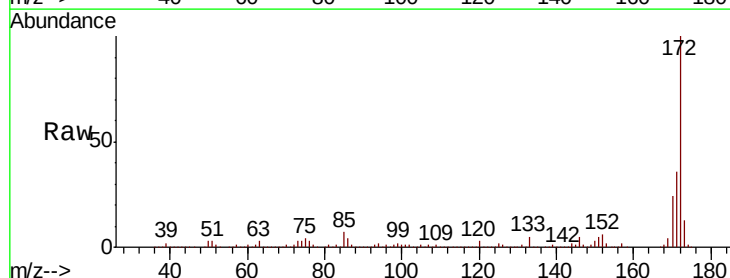
Tgt Ion:172 Resp: 1730122

Ion Ratio Lower Upper

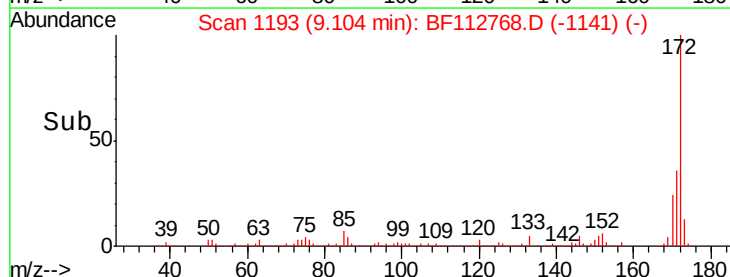
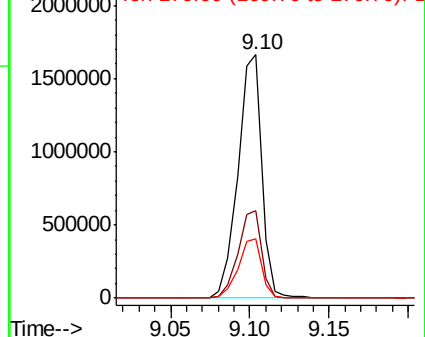
172 100

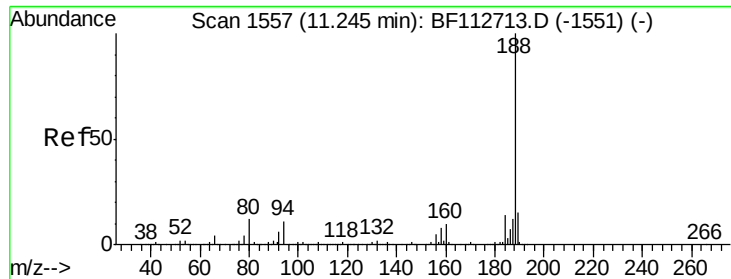
171 36.1 29.0 43.4

170 24.2 20.0 30.0



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

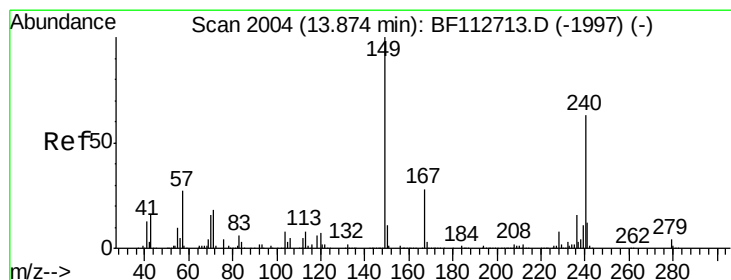
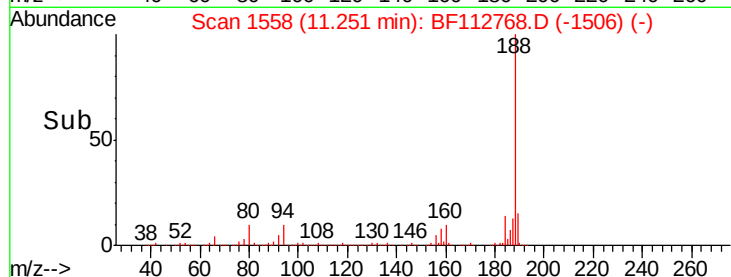
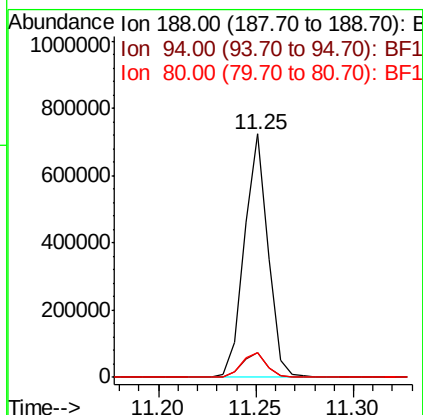
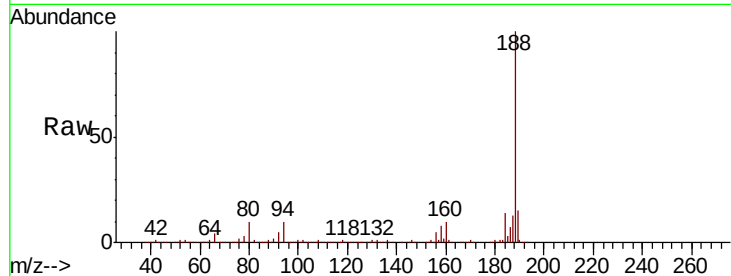




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

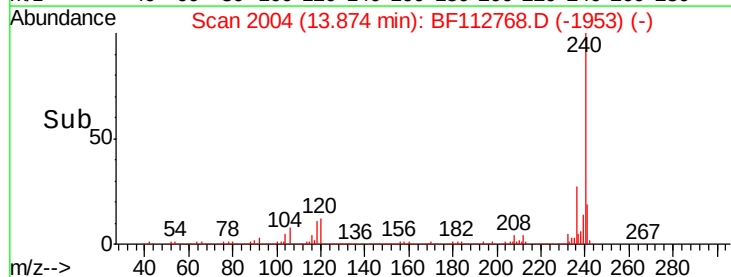
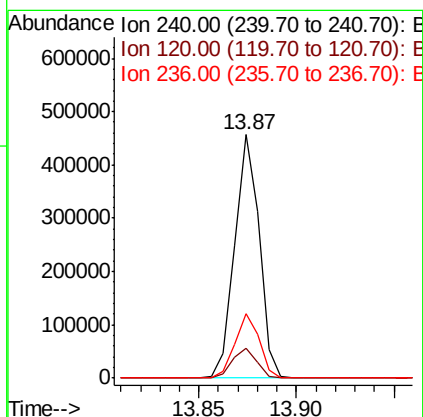
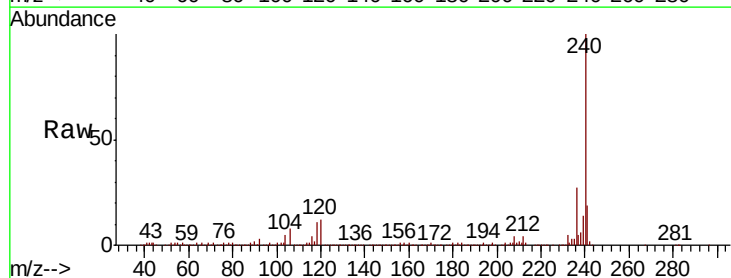
Instrument :
BNA_F
ClientSampleId :
PB117468BL

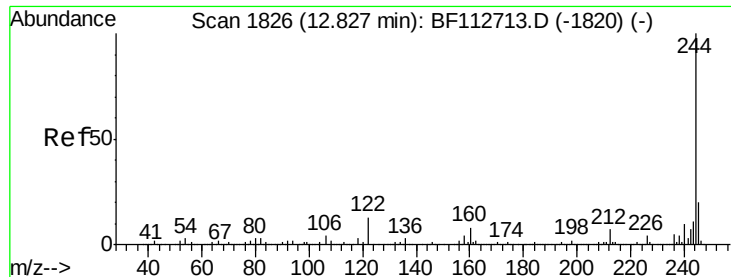
Tot Ion:188 Resp: 606236
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.4
80 10.1 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion:240 Resp: 398196
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 26.7 20.7 31.1





#79

Terphenyl-d14

Concen: 72.679 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112768.D

Acq: 28 Feb 2019 18:35

Instrument :

BNA_F

ClientSampleId :

PB117468BL

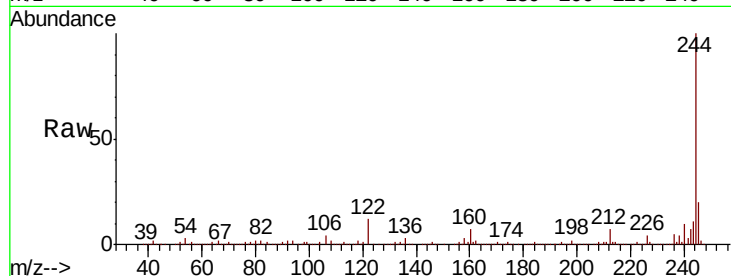
Tot Ion:244 Resp: 1492933

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

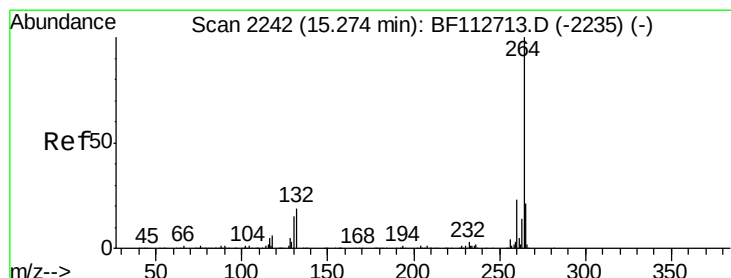
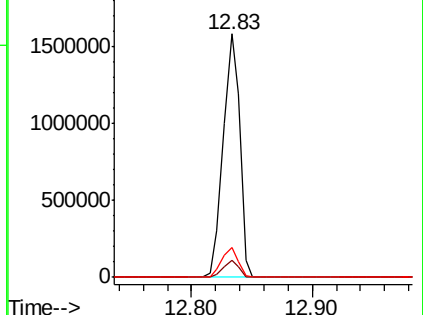
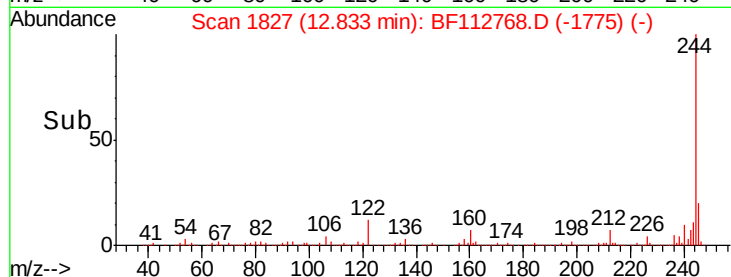
122 12.4 10.5 15.7



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: 15.29 min Scan# 2244

Delta R.T. 0.01 min

Lab File: BF112768.D

Acq: 28 Feb 2019 18:35

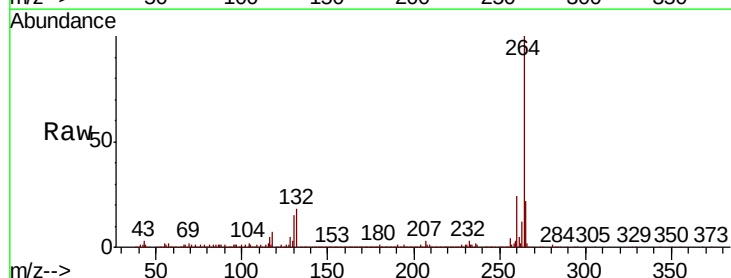
Tgt Ion:264 Resp: 423734

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 22.1 17.2 25.8



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

