

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
 Data File : BF112788.D
 Acq On : 1 Mar 2019 3:38
 Operator : JU/SJ
 Sample : K1650-01 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1(1.5-2.5)

Quant Time: Mar 01 16:12:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	170437	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	638176	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	263037	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	506740	20.00	ng	0.00
76) Chrysene-d12	13.87	240	481884	20.00	ng	0.00
87) Perylene-d12	15.29	264	357819	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	64942	5.93	ng	0.00
7) Phenol-d6	6.36	99	86958	6.32	ng	0.00
23) Nitrobenzene-d5	7.30	82	48611	4.56	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	19251	6.89	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	95914	3.44	ng	0.00
79) Terphenyl-d14	12.83	244	105977	4.26	ng	0.00

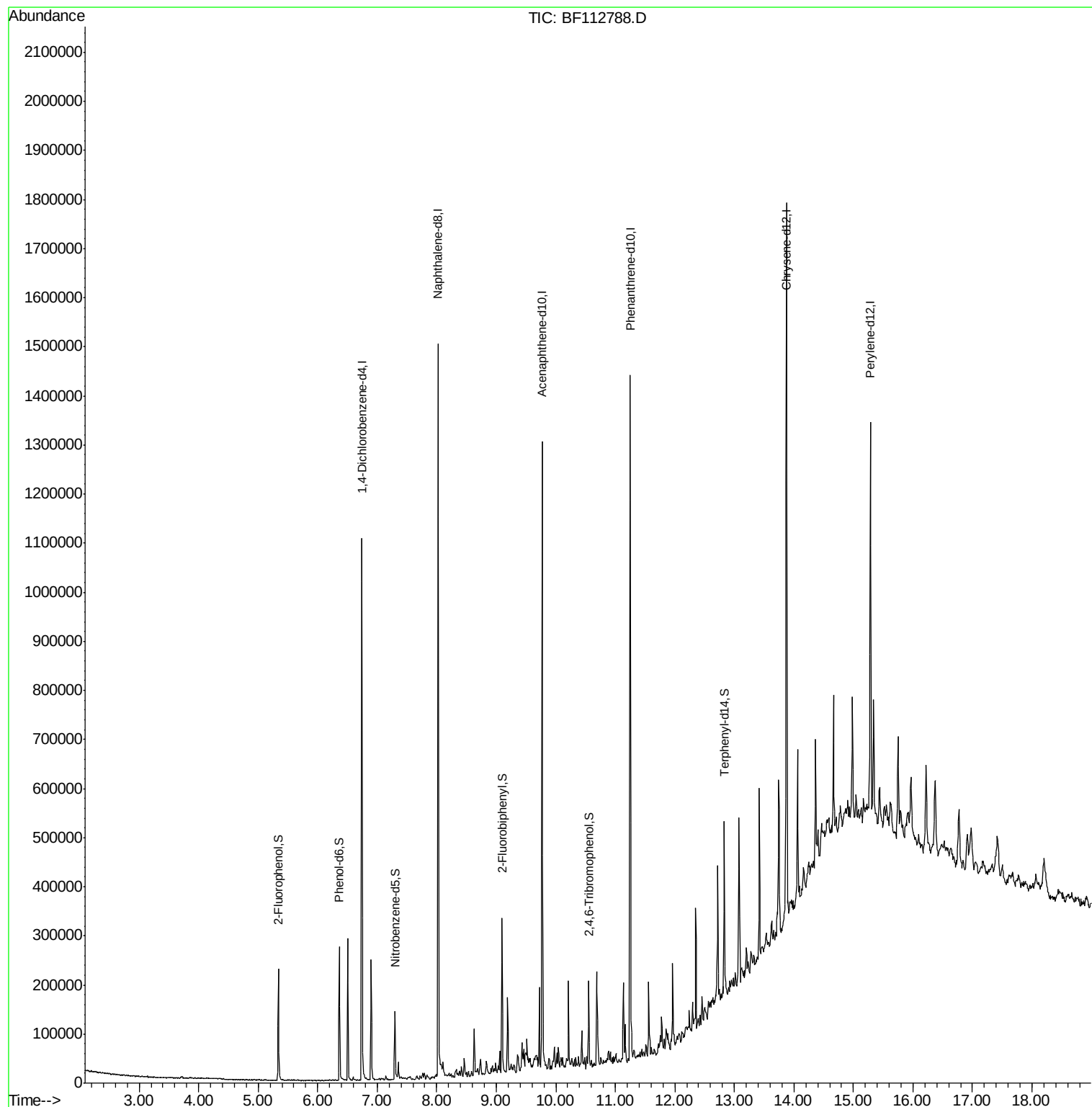
Target Compounds Qvalue

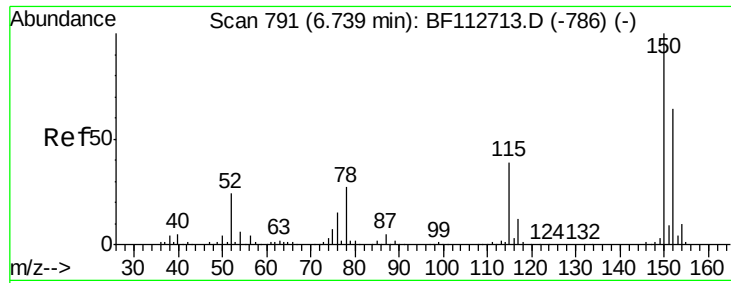
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B-1(1.5-2.5)

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Response via : Initial Calibration



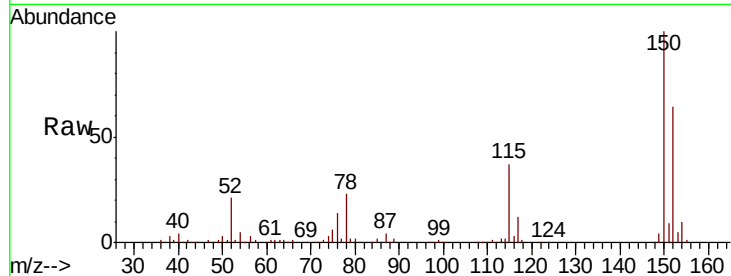


#1

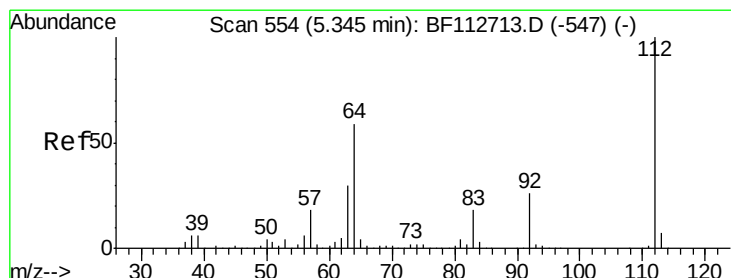
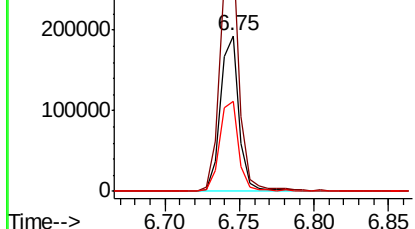
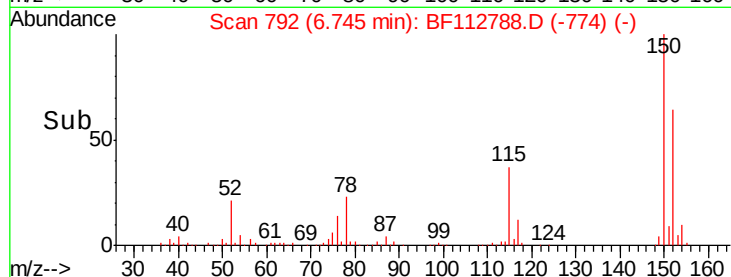
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112788.D
Acq: 1 Mar 2019 3:38

Instrument :
BNA_F
ClientSampleId :
B-1(1.5-2.5)

Tot Ion:152 Resp: 170437
Ion Ratio Lower Upper
152 100
150 156.8 124.2 186.2
115 58.1 48.2 72.4



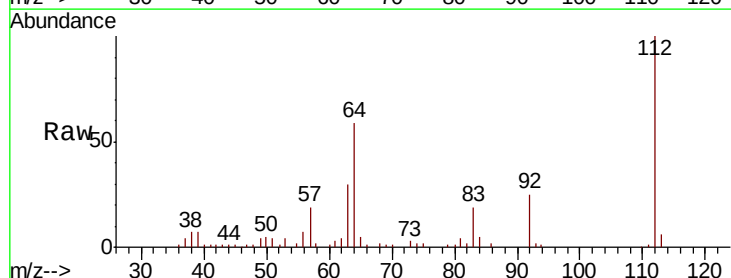
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



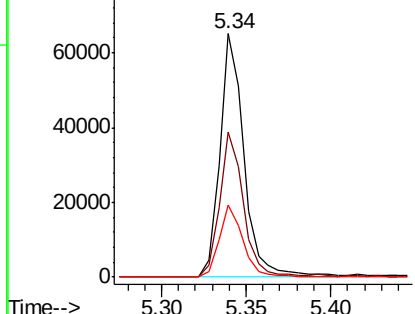
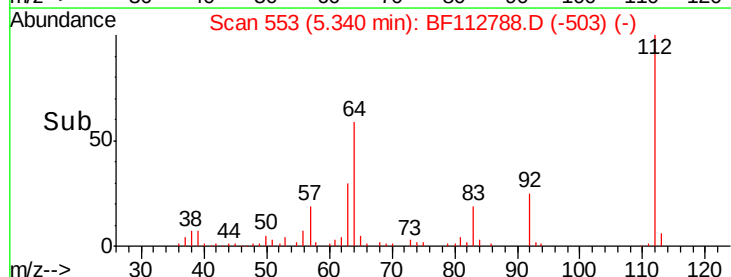
#5

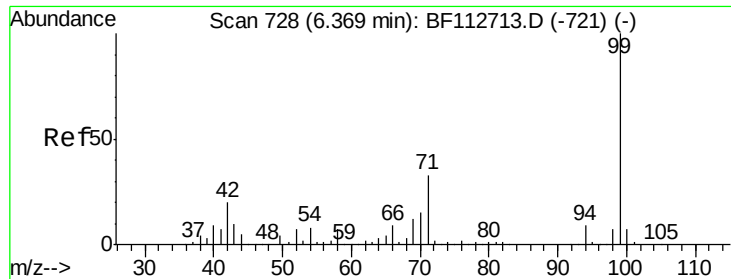
2-Fluorophenol
Concen: 5.927 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112788.D
Acq: 1 Mar 2019 3:38

Tgt Ion:112 Resp: 64942
Ion Ratio Lower Upper
112 100
64 59.3 47.6 71.4
63 29.8 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: 6.318 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112788.D

Acq: 1 Mar 2019 3:38

Instrument :

BNA_F

ClientSampleId :

B-1(1.5-2.5)

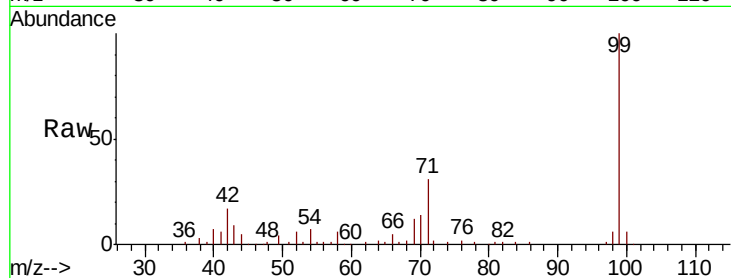
Tot Ion: 99 Resp: 86958

Ion Ratio Lower Upper

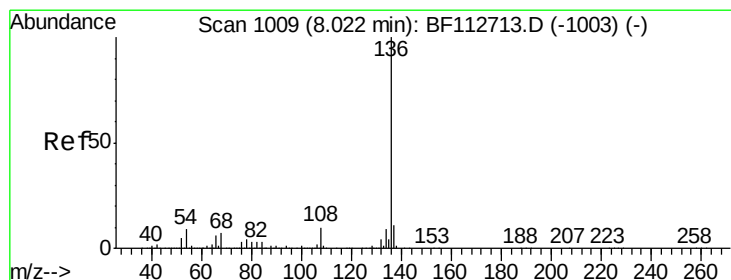
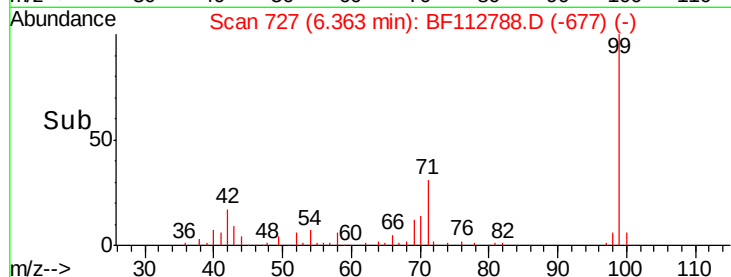
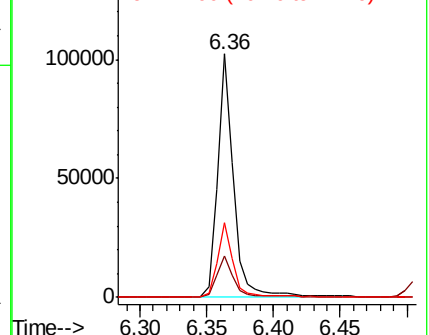
99 100

42 17.0 16.3 24.5

71 30.9 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: BF112788.D

Acq: 1 Mar 2019 3:38

Tgt Ion: 136 Resp: 638176

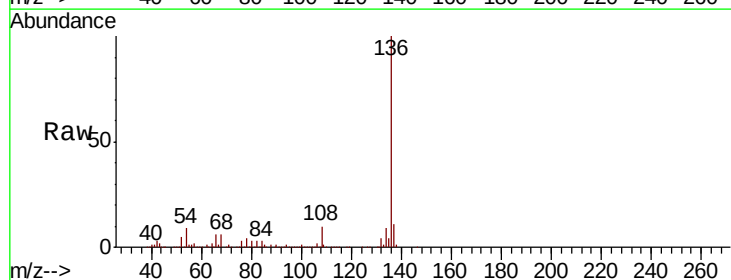
Ion Ratio Lower Upper

136 100

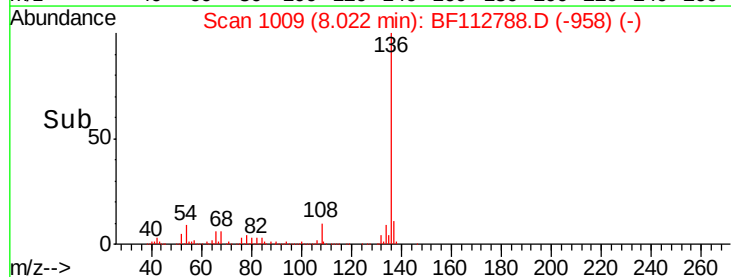
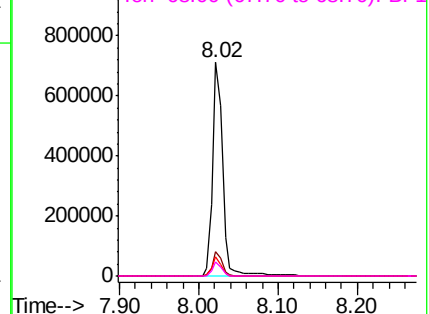
137 11.2 8.9 13.3

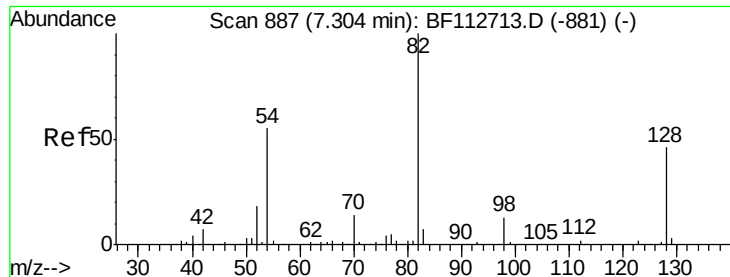
54 8.8 7.3 10.9

68 6.4 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

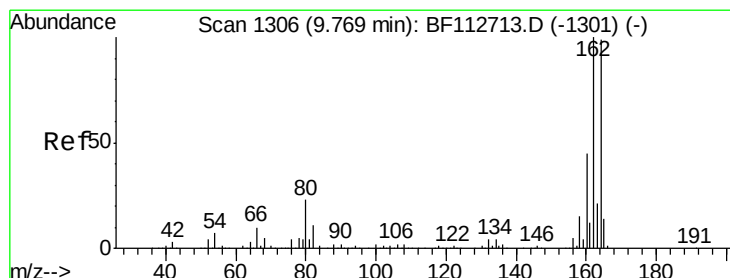
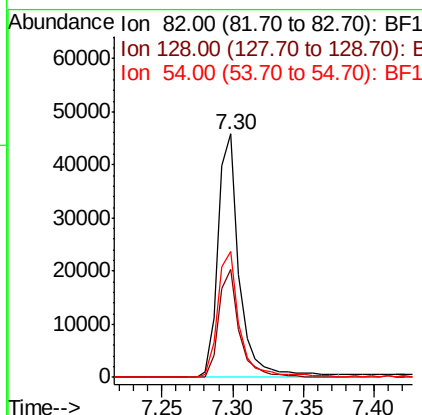
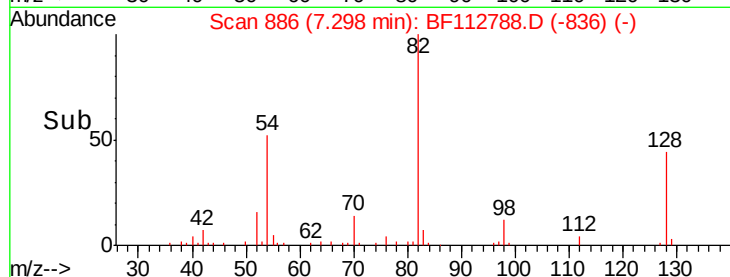
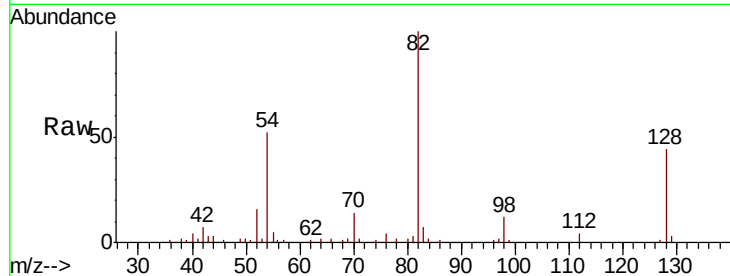




#23
Nitrobenzene-d5
Concen: 4.558 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112788.D
Acq: 1 Mar 2019 3:38

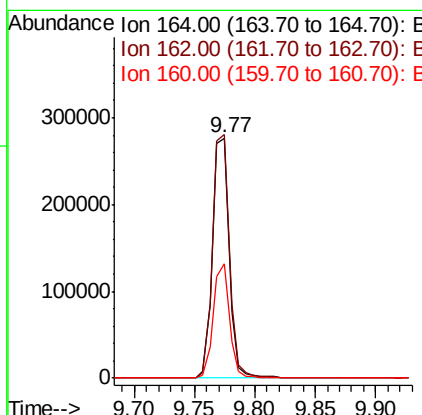
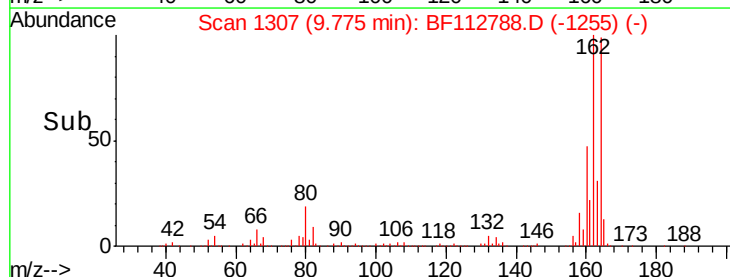
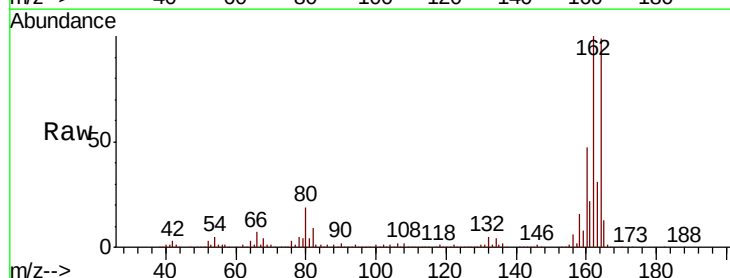
Instrument :
BNA_F
ClientSampleId :
B-1(1.5-2.5)

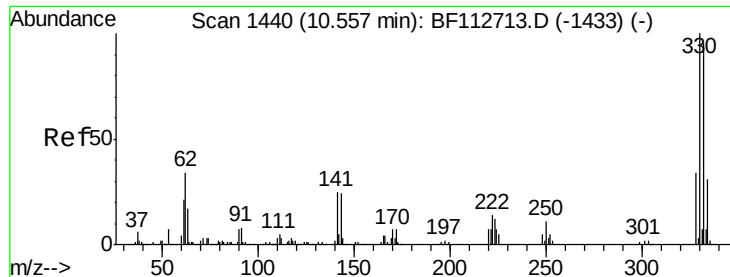
Tot Ion: 82 Resp: 48611
Ion Ratio Lower Upper
82 100
128 44.3 36.3 54.5
54 51.8 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112788.D
Acq: 1 Mar 2019 3:38

Tgt Ion:164 Resp: 263037
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 47.4 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 6.894 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112788.D

Acq: 1 Mar 2019 3:38

Instrument :

BNA_F

ClientSampled :

B-1(1.5-2.5)

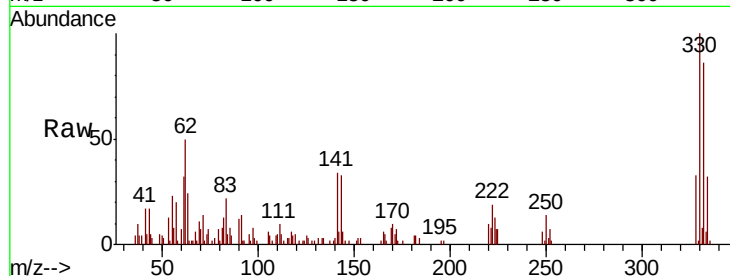
Tot Ion:330 Resp: 19251

Ion Ratio Lower Upper

330 100

332 93.4 76.2 114.4

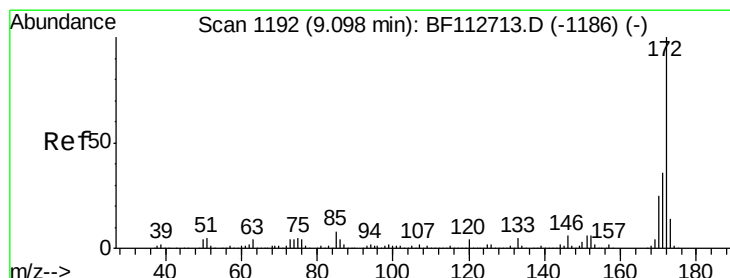
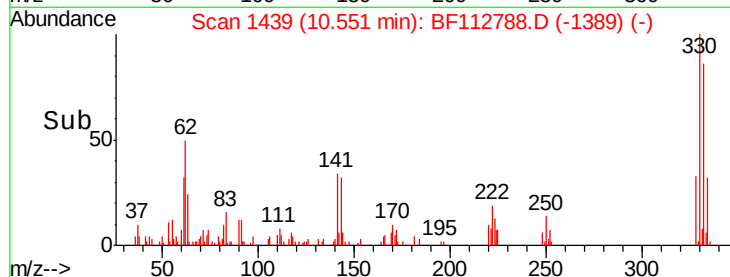
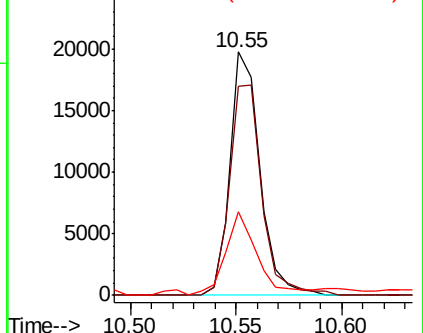
141 35.7 27.0 40.6



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: 3.443 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF112788.D

Acq: 1 Mar 2019 3:38

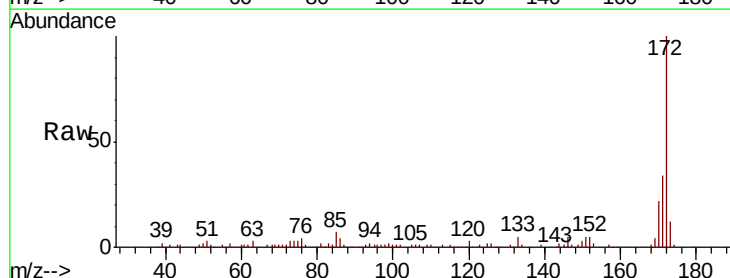
Tgt Ion:172 Resp: 95914

Ion Ratio Lower Upper

172 100

171 34.1 29.0 43.4

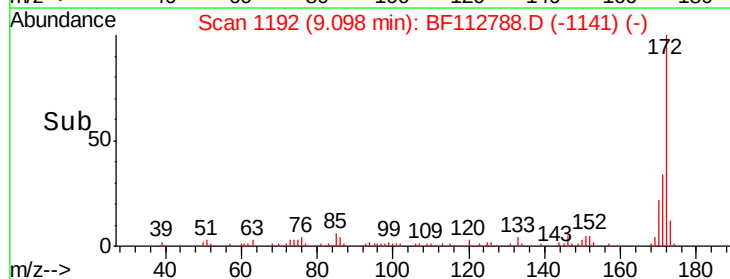
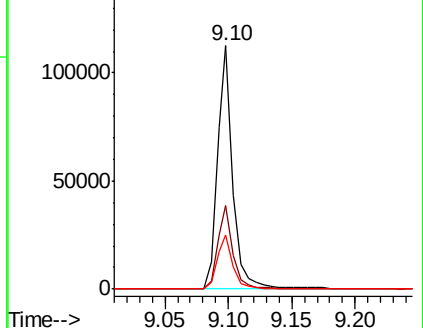
170 22.0 20.0 30.0

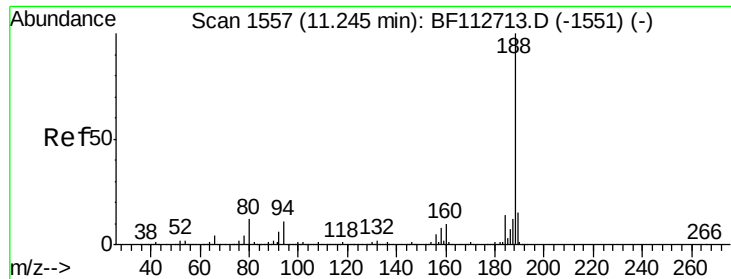


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

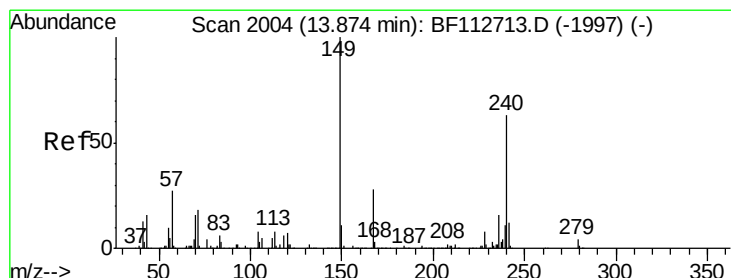
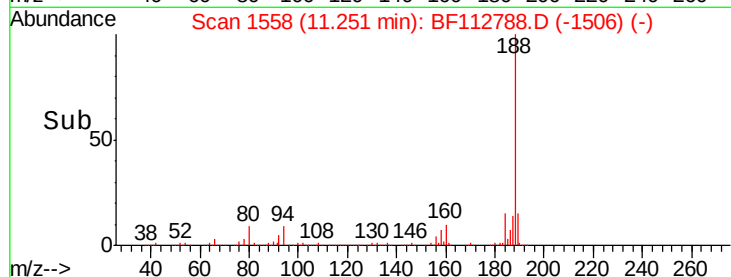
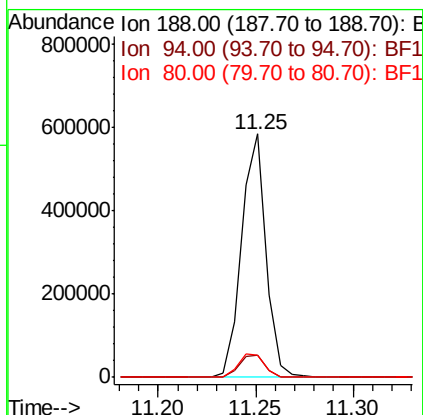
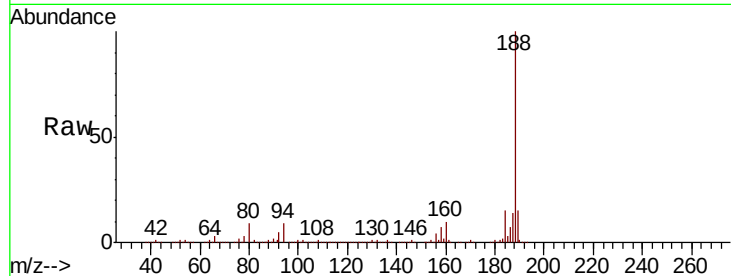




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112788.D
Acq: 1 Mar 2019 3:38

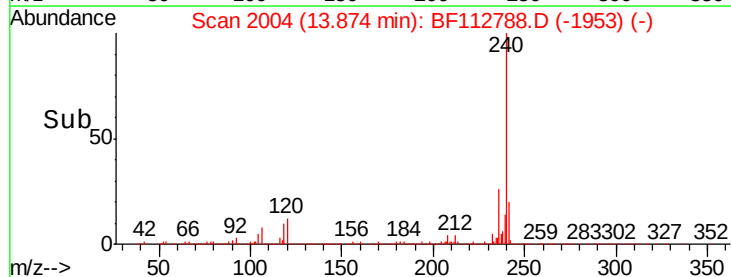
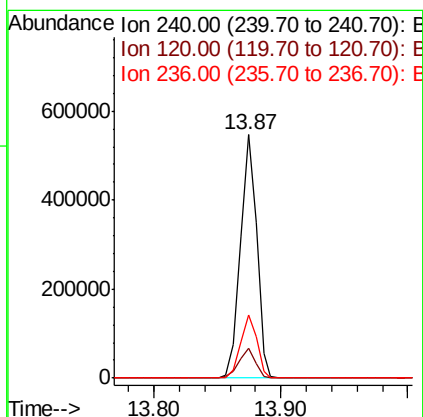
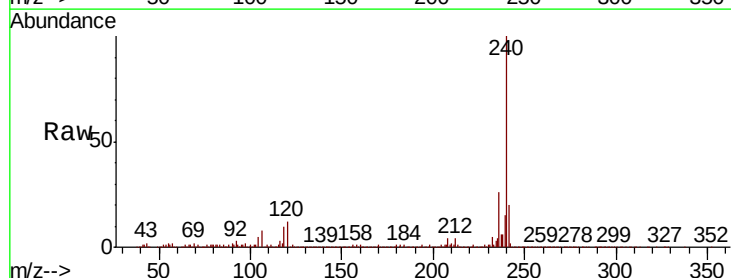
Instrument :
BNA_F
ClientSampleId :
B-1(1.5-2.5)

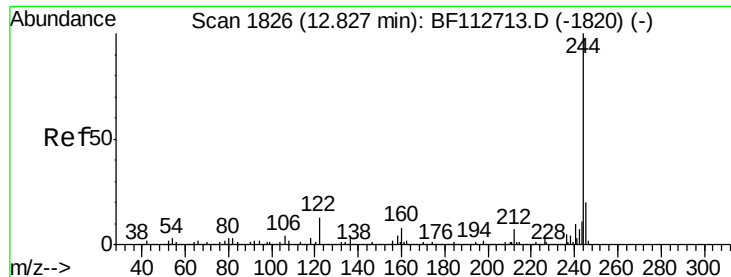
Tot Ion:188 Resp: 506740
Ion Ratio Lower Upper
188 100
94 9.1 9.0 13.4
80 9.1 9.2 13.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112788.D
Acq: 1 Mar 2019 3:38

Tgt Ion:240 Resp: 481884
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 25.8 20.7 31.1





#79

Terphenyl-d14

Concen: 4.263 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF112788.D

Acq: 1 Mar 2019 3:38

Instrument :

BNA_F

ClientSampleId :

B-1(1.5-2.5)

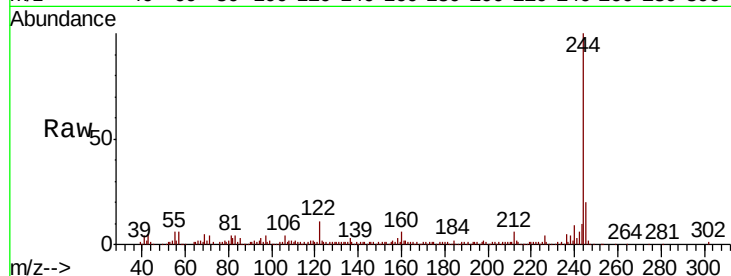
Tot Ion:244 Resp: 105977

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

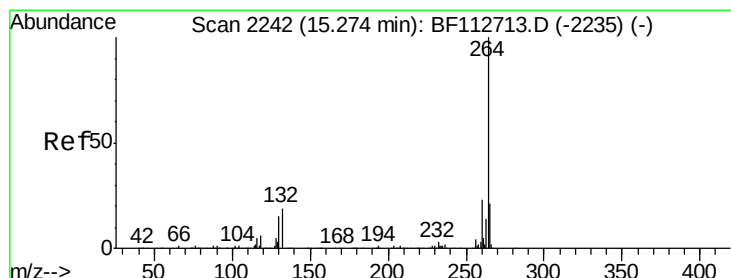
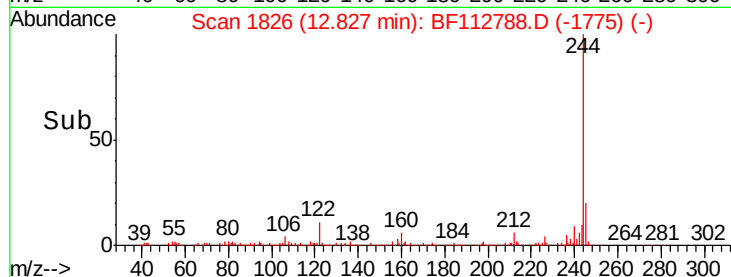
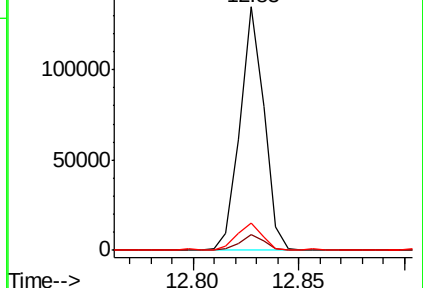
122 11.2 10.5 15.7



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: BF112788.D

Acq: 1 Mar 2019 3:38

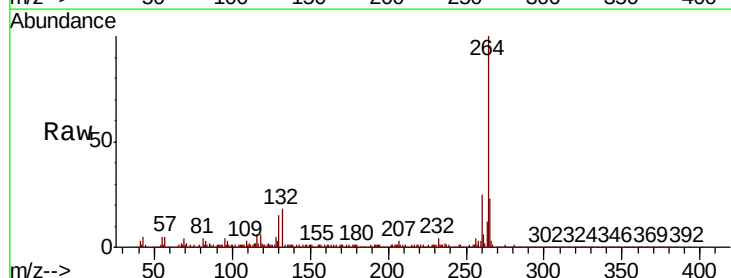
Tgt Ion:264 Resp: 357819

Ion Ratio Lower Upper

264 100

260 24.9 18.7 28.1

265 22.7 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

