

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112887.D
 Acq On : 6 Mar 2019 17:44
 Operator : JU/SJ
 Sample : K1753-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-5

Quant Time: Mar 07 04:32:38 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	6.73	152	158751	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	610521	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	296427	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	588952	20.00	ng	0.00
76) Chrysene-d12	13.86	240	423321	20.00	ng	-0.01
87) Perylene-d12	15.27	264	404616	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	990819	97.09	ng	0.00
7) Phenol-d6	6.37	99	1157252	90.27	ng	0.00
23) Nitrobenzene-d5	7.29	82	880829	86.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	448837	142.63	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1644620	94.80	ng	-0.01
79) Terphenyl-d14	12.82	244	1718957	78.72	ng	0.00

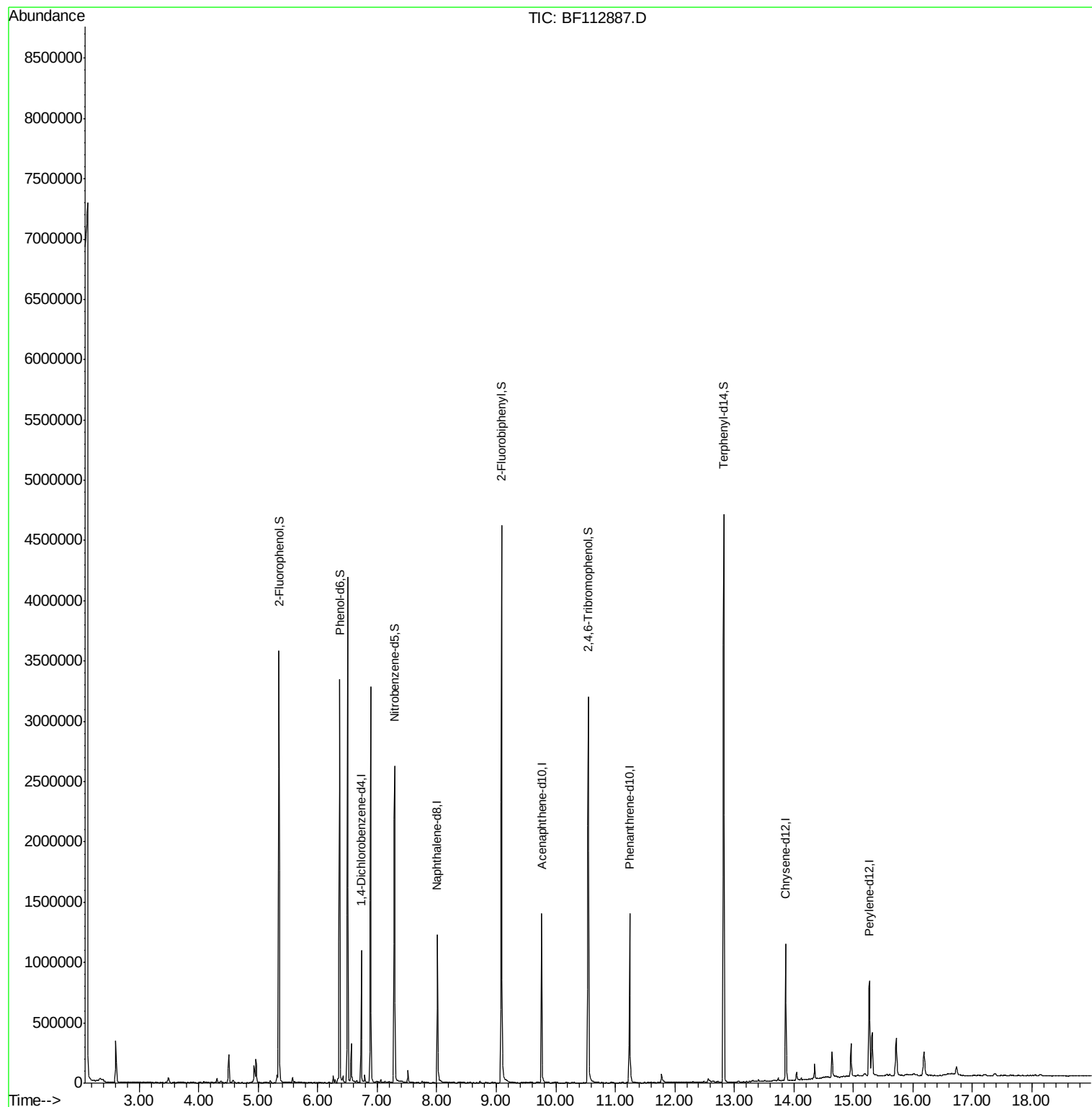
Target Compounds Qvalue

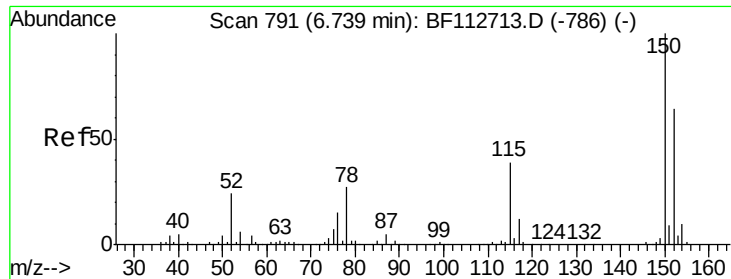
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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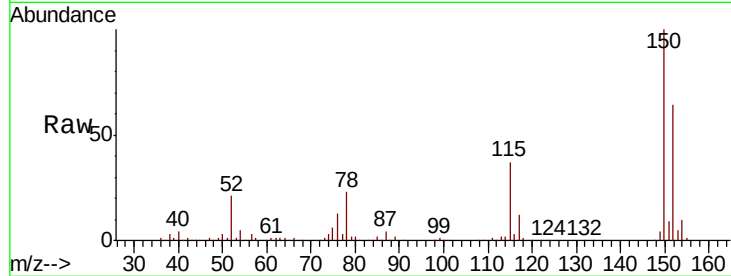


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112887.D
Acq: 6 Mar 2019 17:44

Instrument :
BNA_F
ClientSampleId :
Z-2-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.2
115	57.5	48.2	72.4

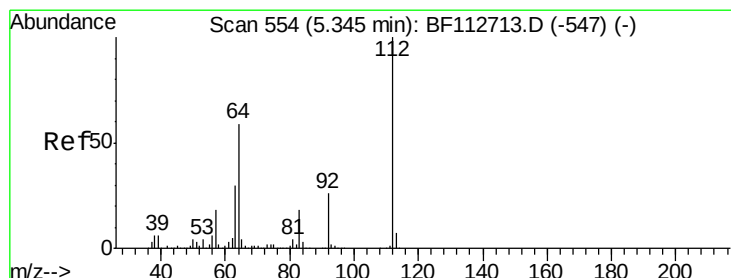
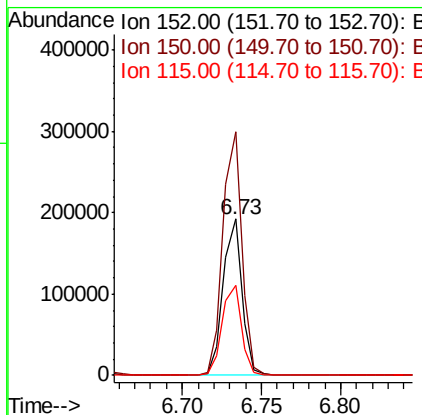
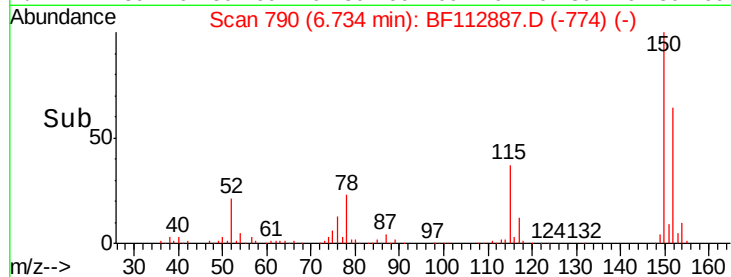


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

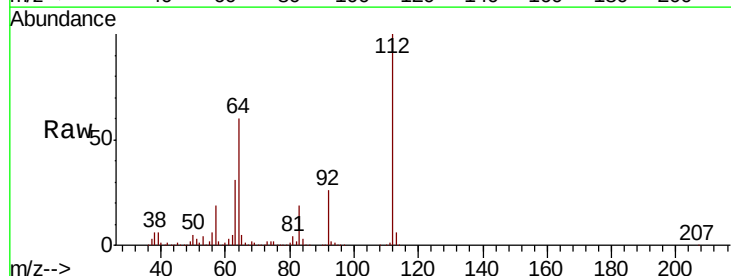
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.087 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112887.D
Acq: 6 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.6	71.4
63	31.4	24.4	36.6

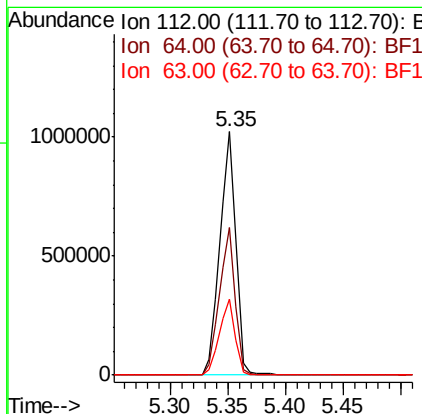
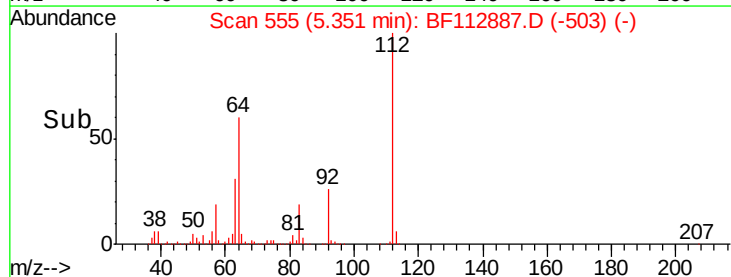


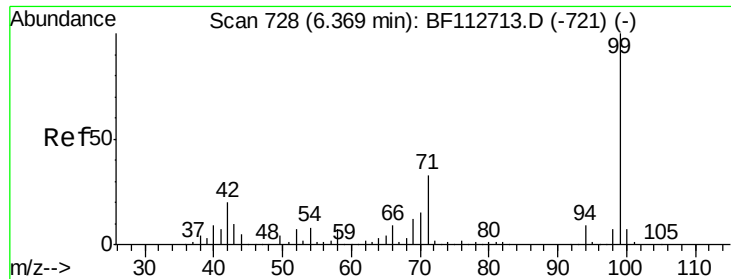
Abundance

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: 90.271 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112887.D

Acq: 6 Mar 2019 17:44

Instrument :

BNA_F

ClientSampleId :

Z-2-5

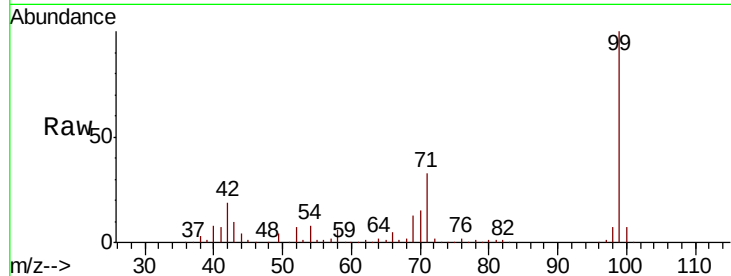
Tot Ion: 99 Resp: 1157252

Ion Ratio Lower Upper

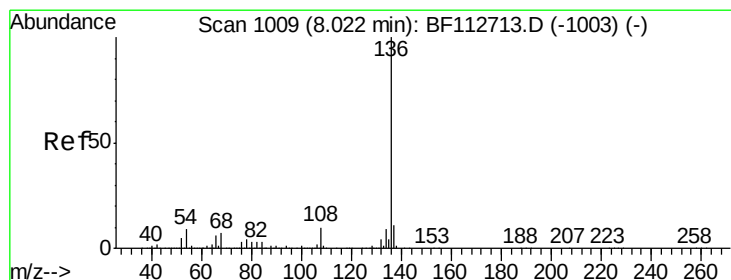
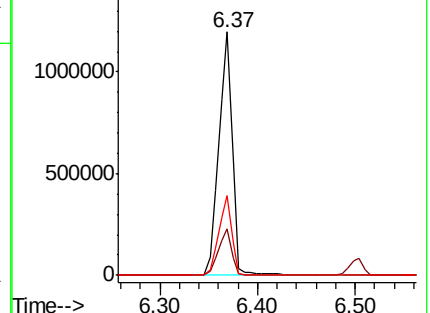
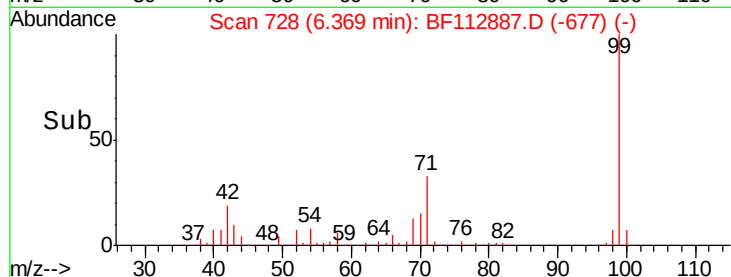
99 100

42 19.3 16.3 24.5

71 32.8 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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112887.D

Acq: 6 Mar 2019 17:44

Tgt Ion: 136 Resp: 610521

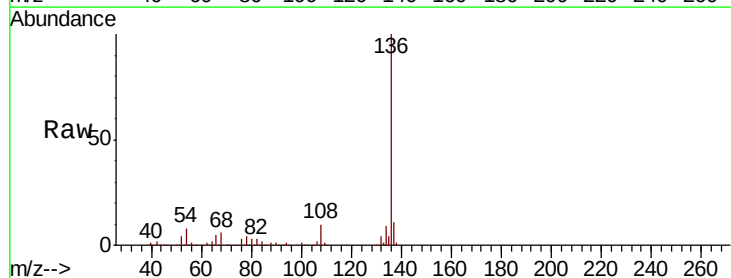
Ion Ratio Lower Upper

136 100

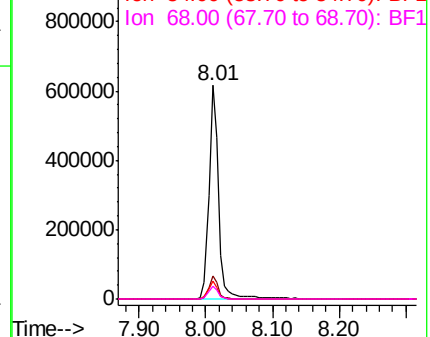
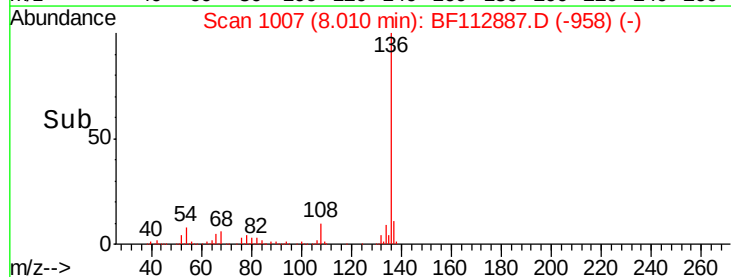
137 11.0 8.9 13.3

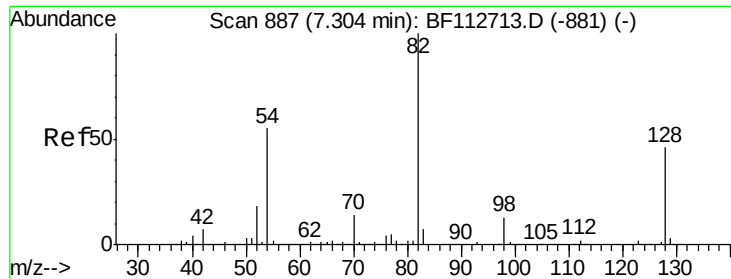
54 8.3 7.3 10.9

68 5.8 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

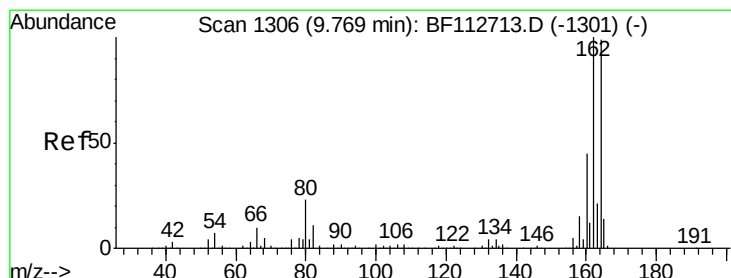
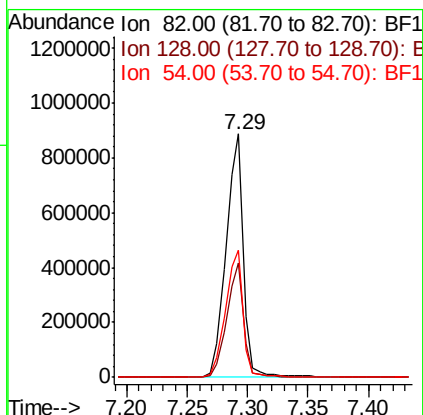
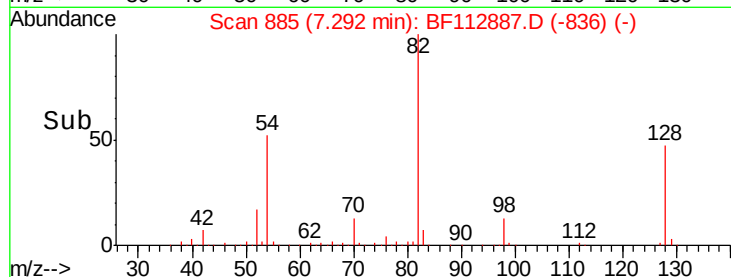
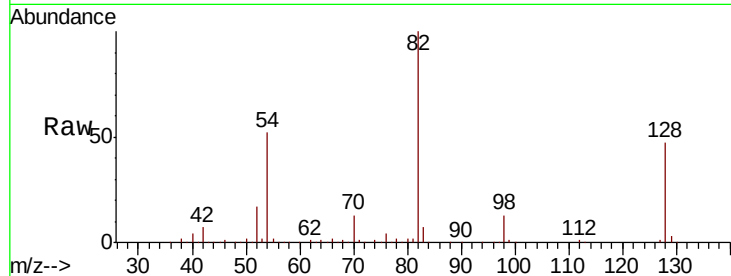




#23
 Nitrobenzene-d5
 Concen: 86.331 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF112887.D
 Acq: 6 Mar 2019 17:44

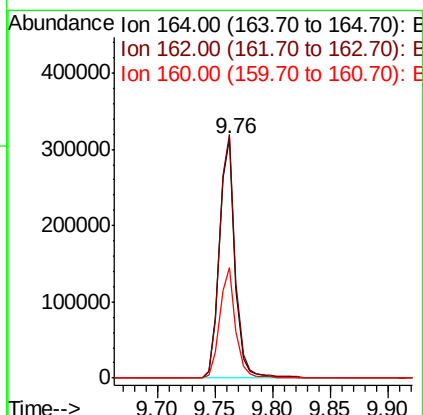
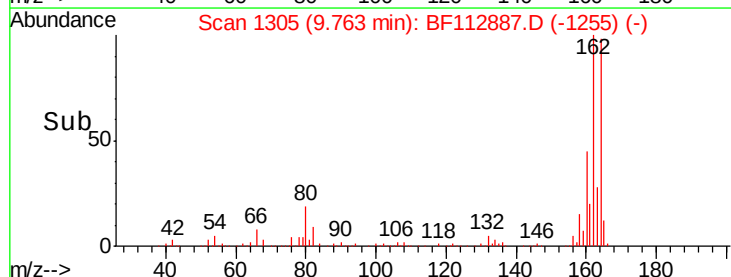
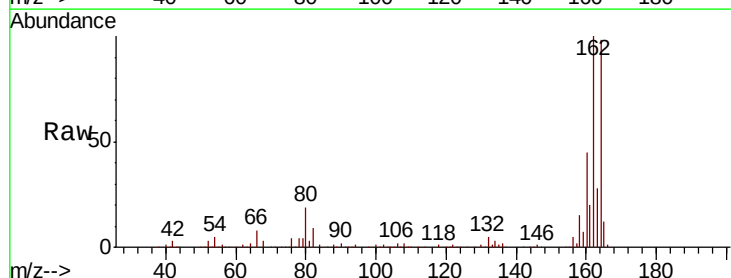
Instrument :
 BNA_F
 ClientSampled :
 Z-2-5

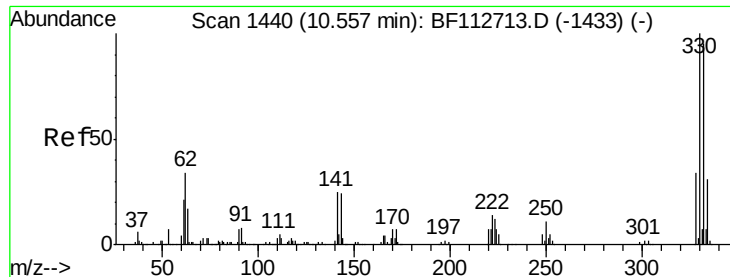
Tot Ion: 82 Resp: 880829
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.3 54.5
 54 52.3 43.7 65.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF112887.D
 Acq: 6 Mar 2019 17:44

Tgt Ion: 164 Resp: 296427
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.6 120.8
 160 46.2 36.0 54.0

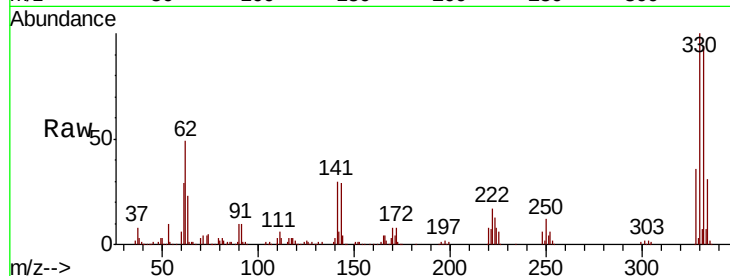




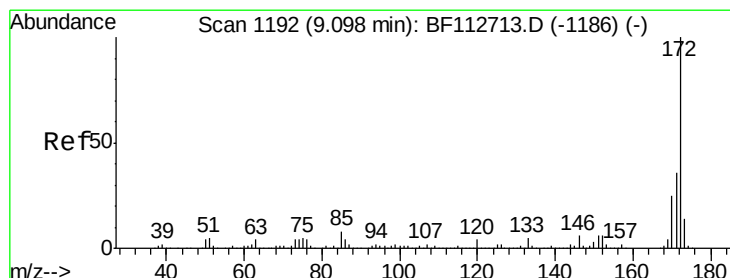
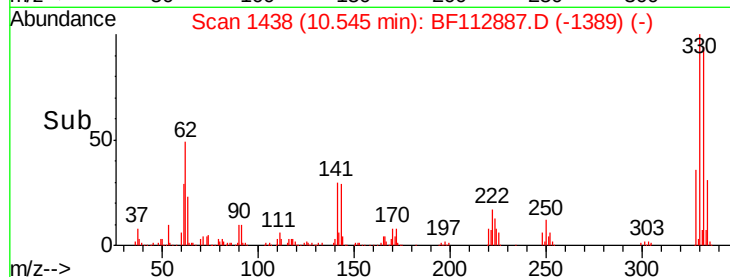
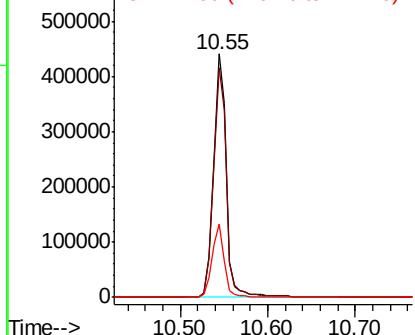
#42
 2,4,6-Tribromophenol
 Concen: 142.626 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112887.D
 Acq: 6 Mar 2019 17:44

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-5

Tot Ion:330 Resp: 448837
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.2 114.4
 141 29.0 27.0 40.6

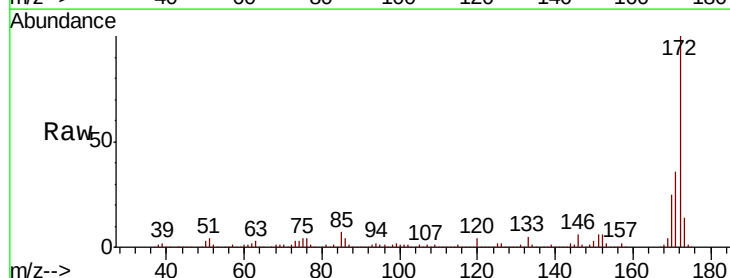


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

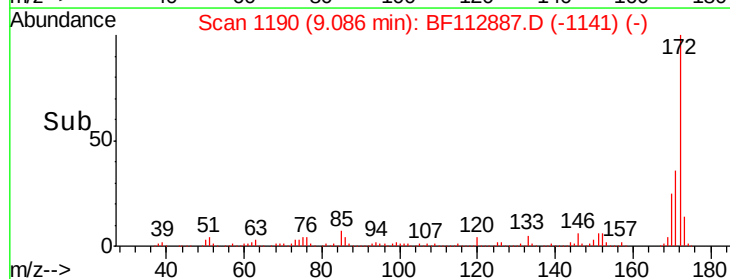
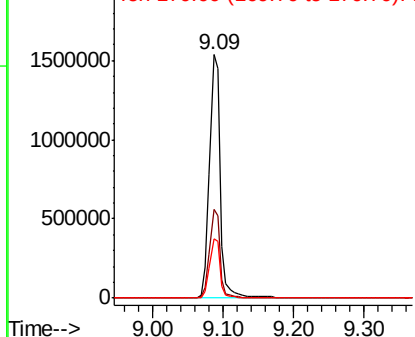


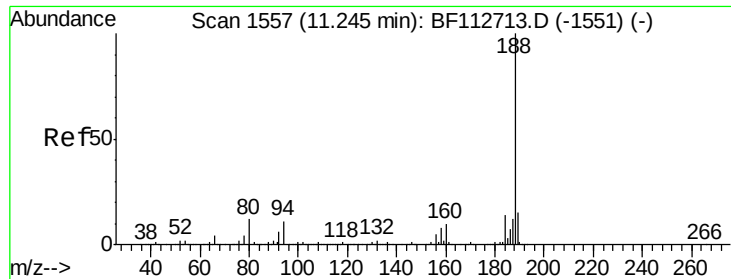
#45
 2-Fluorobiphenyl
 Concen: 94.797 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112887.D
 Acq: 6 Mar 2019 17:44

Tgt Ion:172 Resp: 1644620
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.4
 170 24.6 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

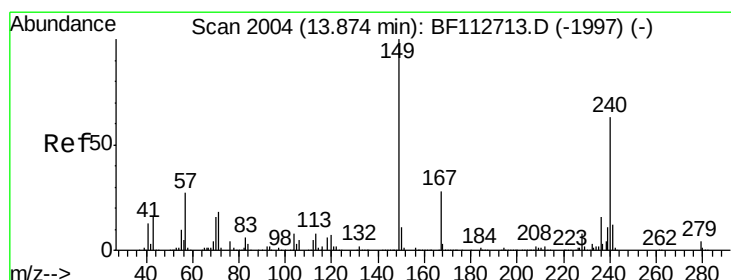
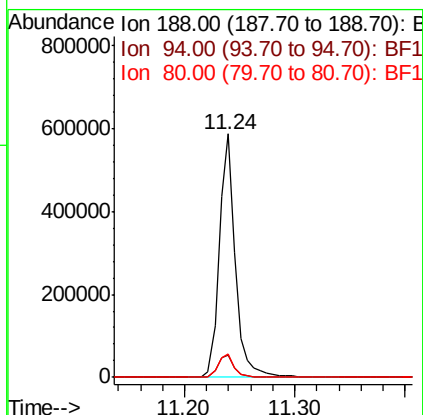
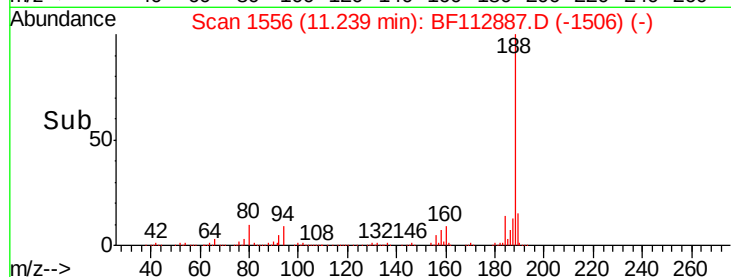
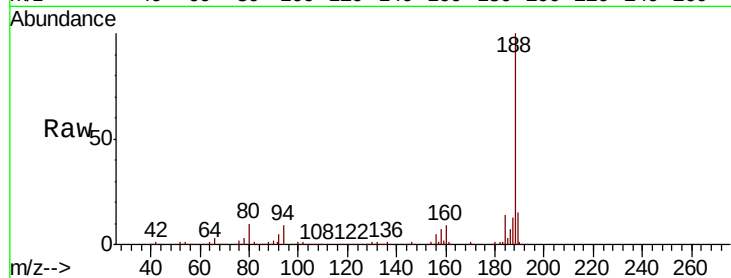




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112887.D
Acq: 6 Mar 2019 17:44

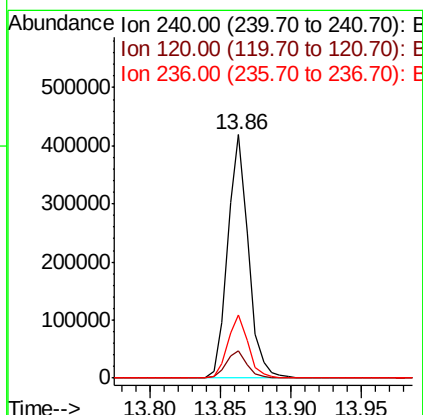
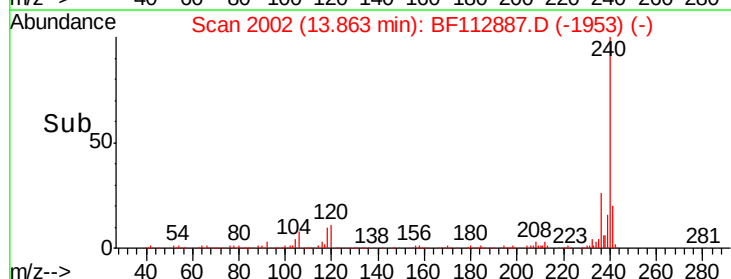
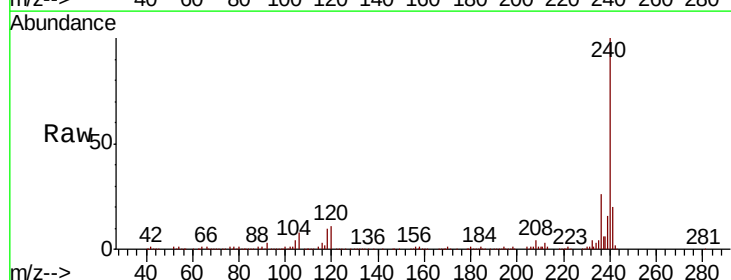
Instrument :
BNA_F
ClientSampleId :
Z-2-5

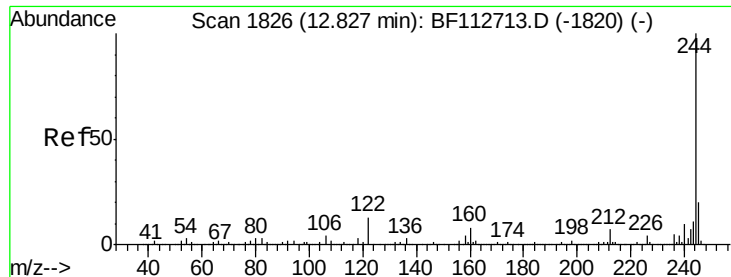
Tot Ion:188 Resp: 588952
Ion Ratio Lower Upper
188 100
94 9.1 9.0 13.4
80 9.8 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112887.D
Acq: 6 Mar 2019 17:44

Tgt Ion:240 Resp: 423321
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 78.716 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112887.D

Acq: 6 Mar 2019 17:44

Instrument :

BNA_F

ClientSampleId :

Z-2-5

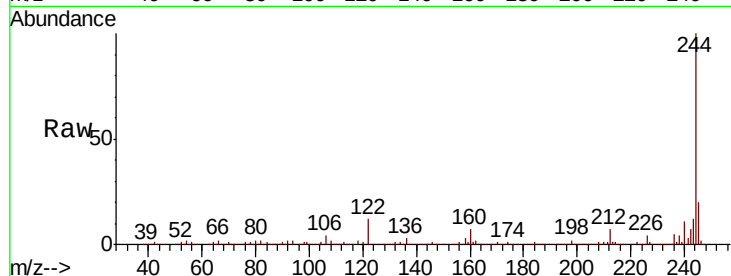
Tot Ion:244 Resp: 1718957

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.5	10.5	15.7

244 100

212 7.0 5.6 8.4

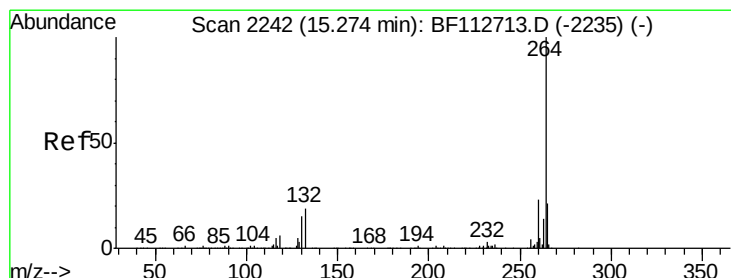
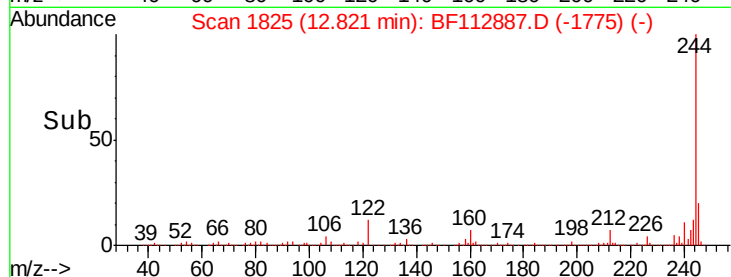
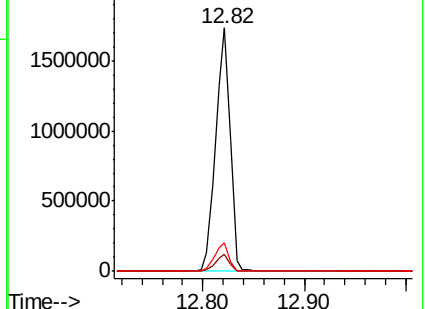
122 11.5 10.5 15.7



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF112887.D

Acq: 6 Mar 2019 17:44

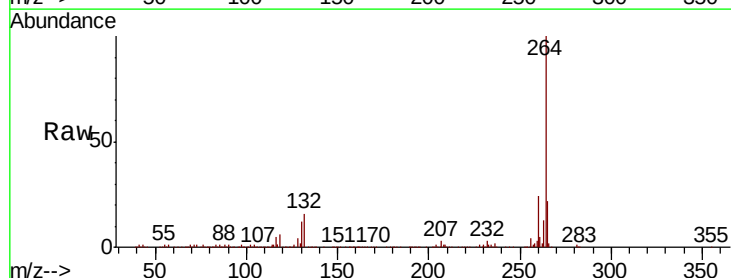
Tgt Ion:264 Resp: 404616

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.5	17.2	25.8

264 100

260 23.6 18.7 28.1

265 21.5 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

