

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
 Data File : BF113263.D
 Acq On : 24 Mar 2019 12:52
 Operator : JU/SJ
 Sample : PB118222BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BL

Quant Time: Mar 25 04:33:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	192871	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	795212	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	365551	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	773610	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	440258	20.00	ng	-0.01
87) Perylene-d12	15.26	264	385398	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	969190	78.17	ng	0.00
7) Phenol-d6	6.36	99	1311670	84.22	ng	-0.01
23) Nitrobenzene-d5	7.27	82	782134	58.85	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	337398	86.94	ng	-0.02
45) 2-Fluorobiphenyl	9.07	172	1497235	63.48	ng	-0.02
79) Terphenyl-d14	12.81	244	1444626	63.61	ng	-0.01

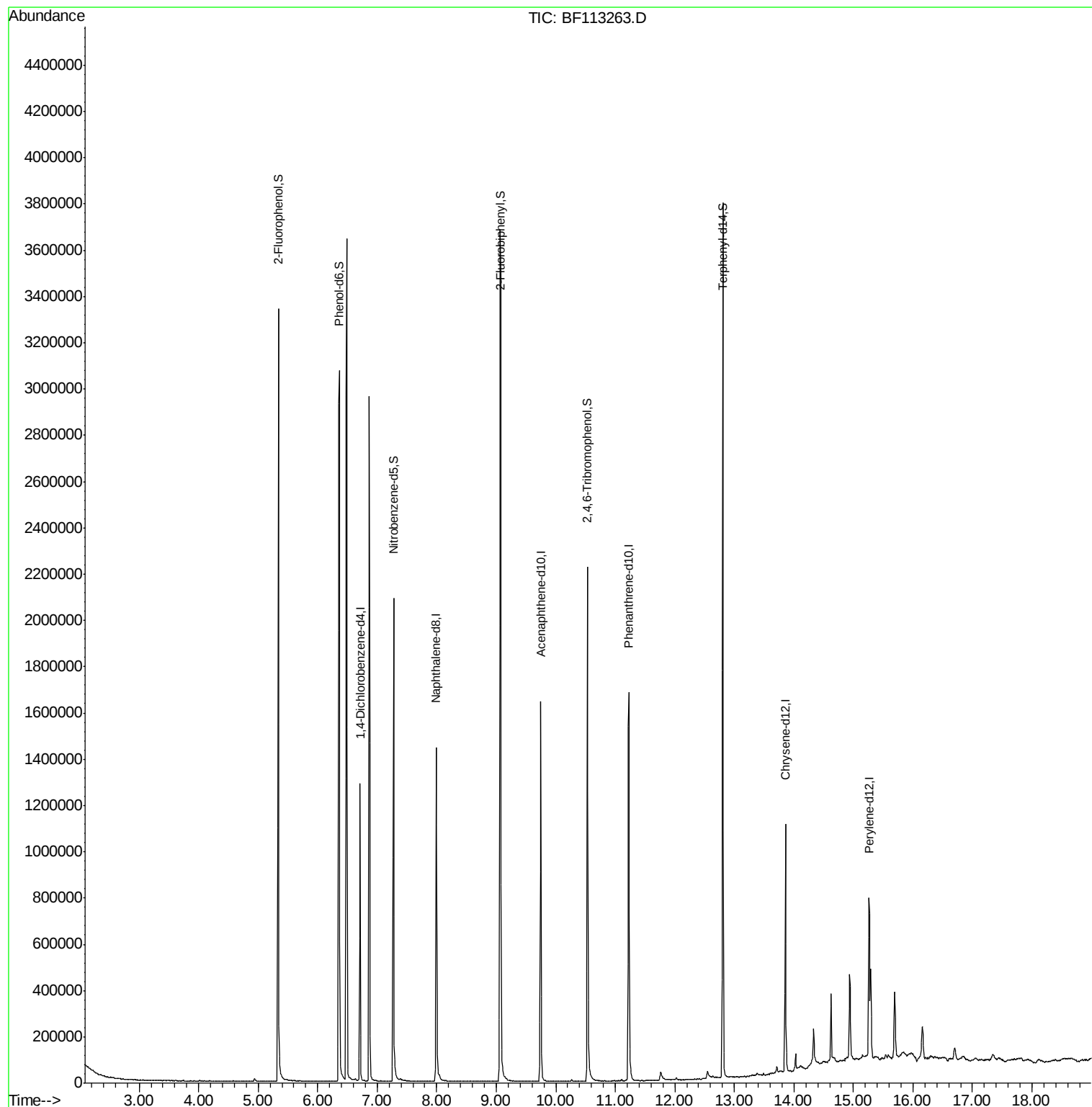
Target Compounds Qvalue

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

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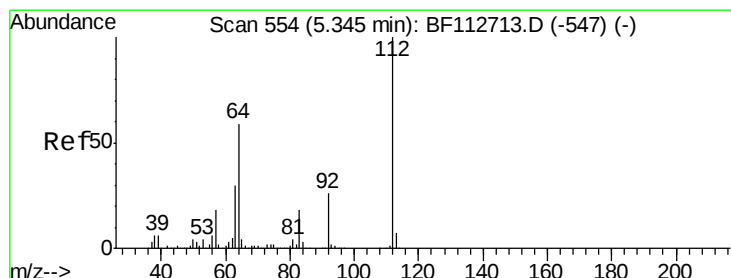
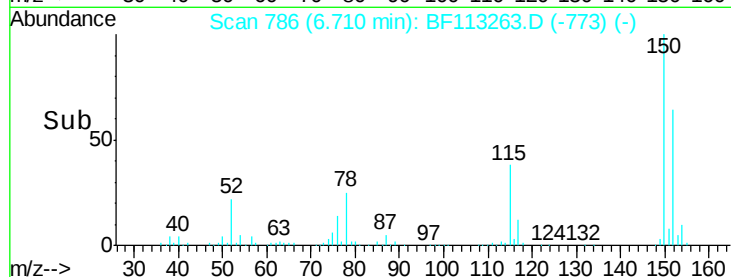
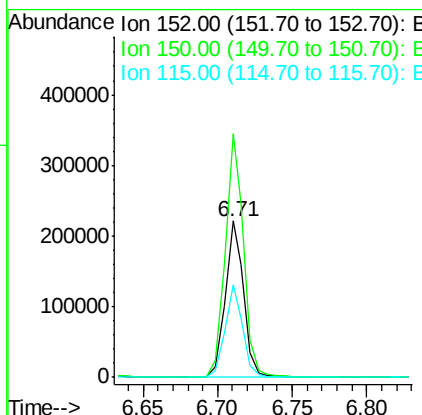
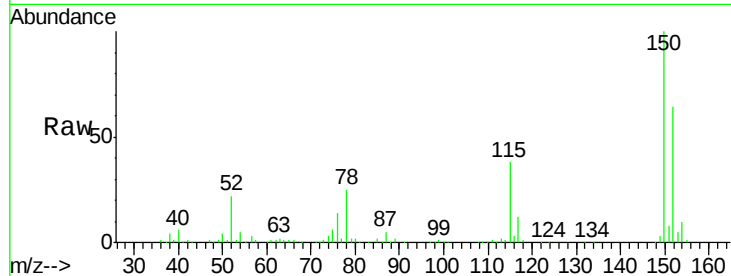


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF113263.D
Acq: 24 Mar 2019 12:52

Instrument :
BNA_F
ClientSampleId :
PB118222BL

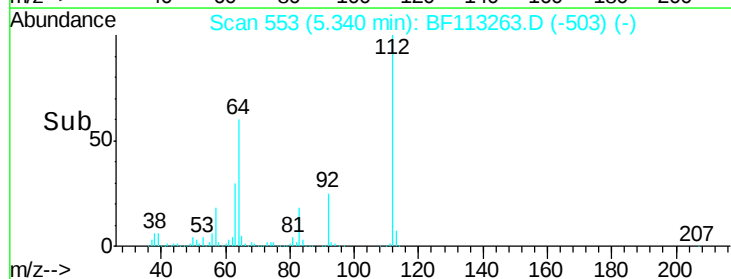
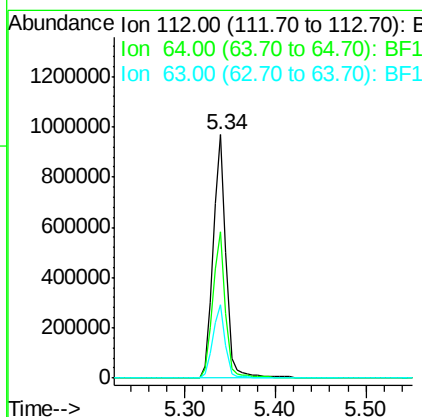
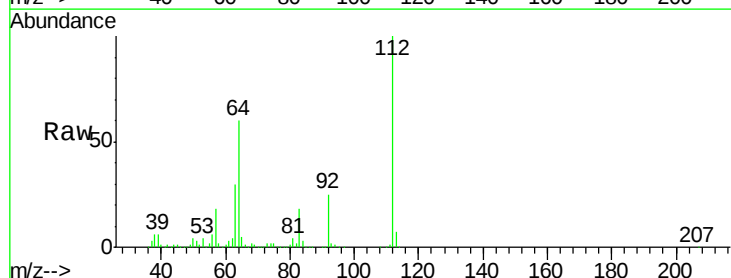
Tot Ion:152 Resp: 192871
Ion Ratio Lower Upper
152 100
150 155.7 124.2 186.2
115 59.4 48.2 72.4

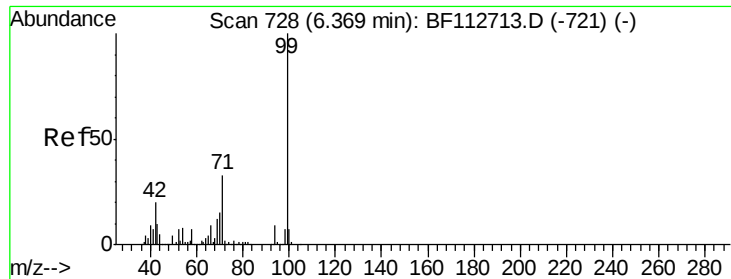


#5

2-Fluorophenol
Concen: 78.167 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113263.D
Acq: 24 Mar 2019 12:52

Tgt Ion:112 Resp: 969190
Ion Ratio Lower Upper
112 100
64 60.3 47.6 71.4
63 30.2 24.4 36.6





#7

Phenol-d6

Concen: 84.216 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113263.D

Acq: 24 Mar 2019 12:52

Instrument :

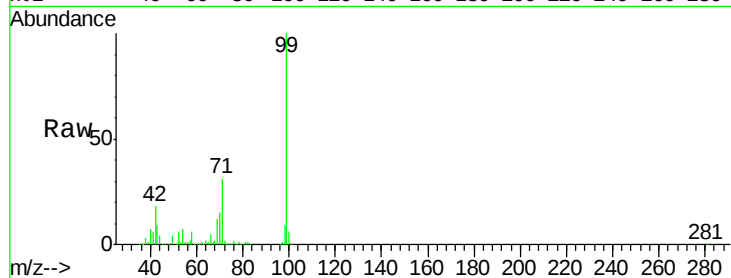
BNA_F

ClientSampleId :

PB118222BL

Tot Ion: 99 Resp: 1311670

Ion	Ratio	Lower	Upper
99	100		
42	17.6	16.3	24.5
71	30.9	26.2	39.4

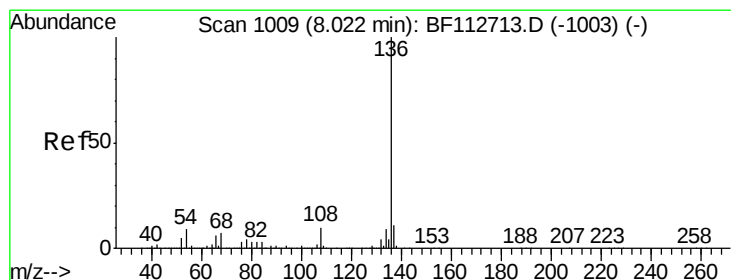
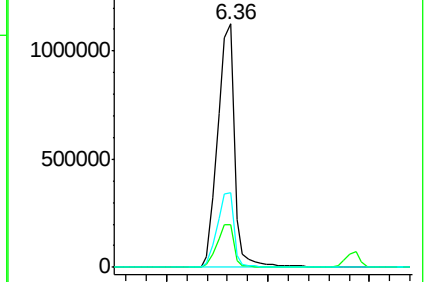
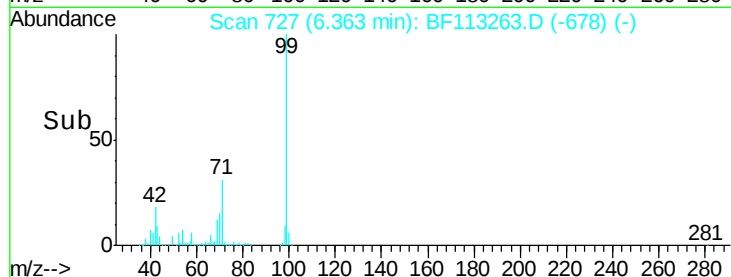


Abundance

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: 7.99 min Scan# 1004

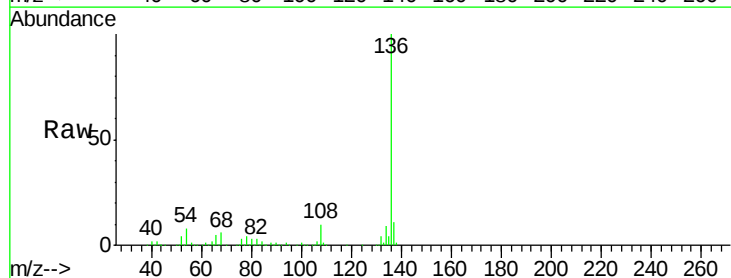
Delta R.T. -0.02 min

Lab File: BF113263.D

Acq: 24 Mar 2019 12:52

Tgt Ion: 136 Resp: 795212

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.3	7.3	10.9
68	6.2	5.4	8.2



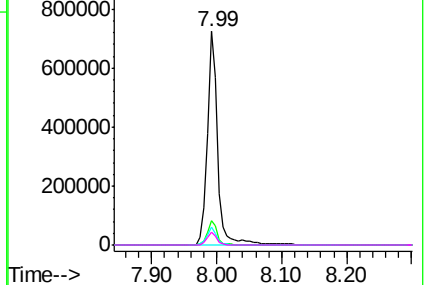
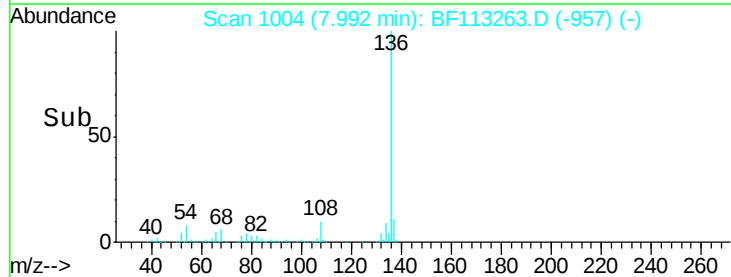
Abundance

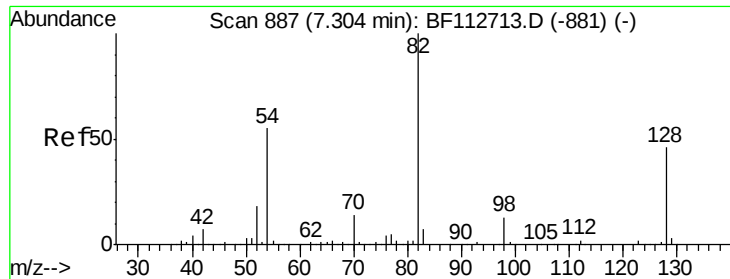
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

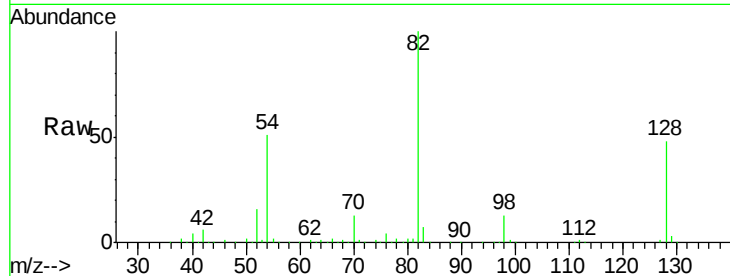




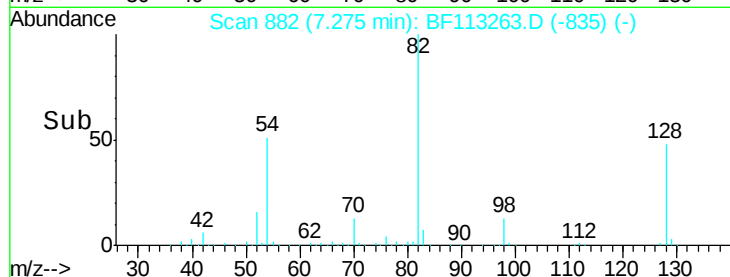
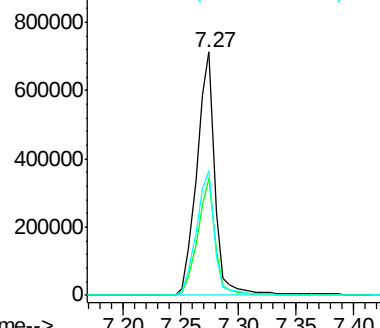
#23
Nitrobenzene-d5
Concen: 58.854 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF113263.D
Acq: 24 Mar 2019 12:52

Instrument :
BNA_F
ClientSampleId :
PB118222BL

Tot Ion: 82 Resp: 782134
Ion Ratio Lower Upper
82 100
128 48.3 36.3 54.5
54 51.4 43.7 65.5

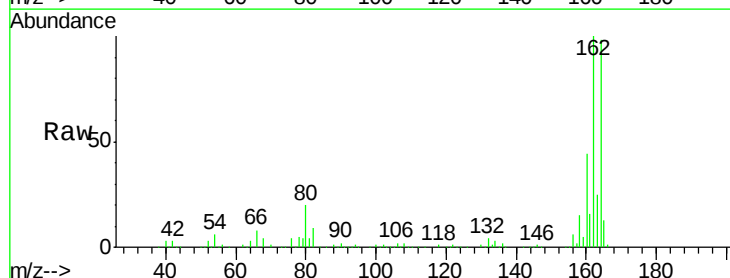


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

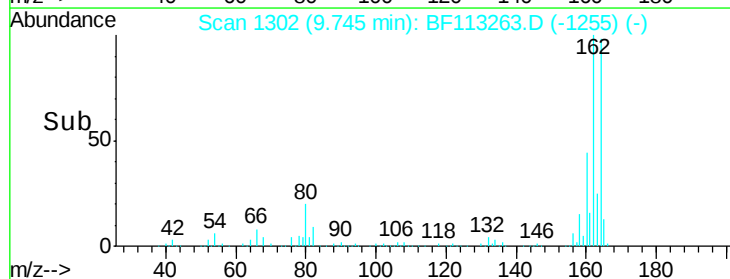
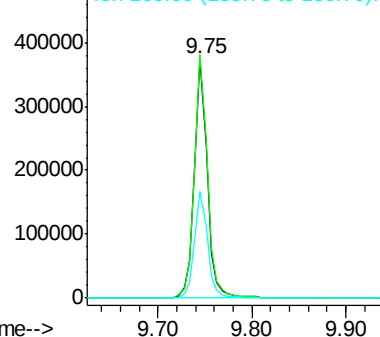


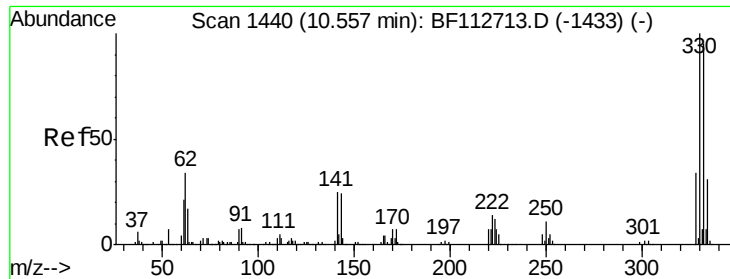
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF113263.D
Acq: 24 Mar 2019 12:52

Tgt Ion:164 Resp: 365551
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 44.6 36.0 54.0



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

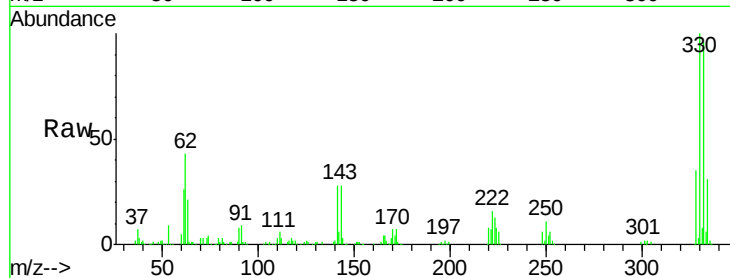




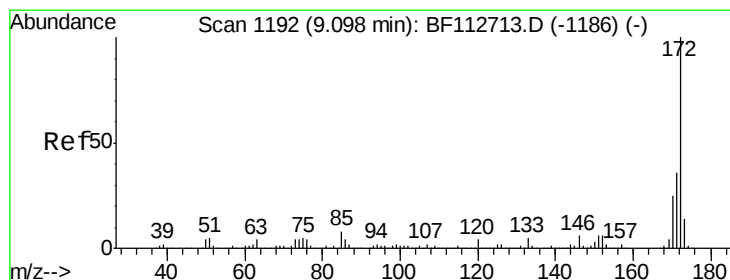
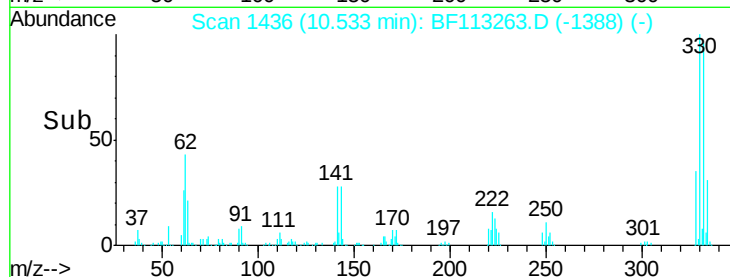
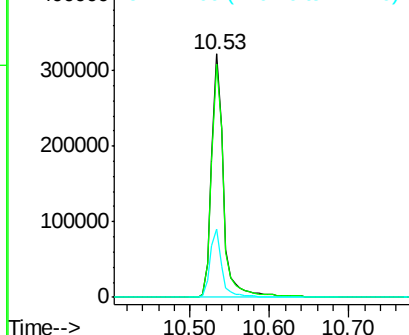
#42
 2,4,6-Tribromophenol
 Concen: 86.941 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF113263.D
 Acq: 24 Mar 2019 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.2	114.4
141	27.9	27.0	40.6

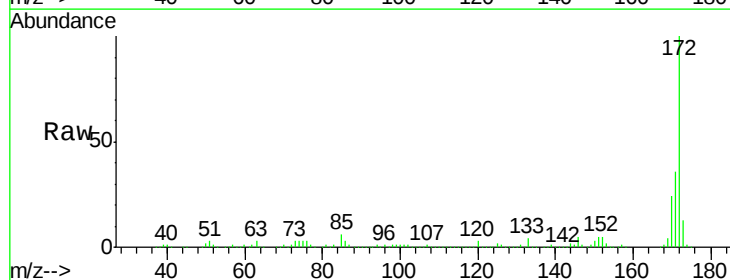


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

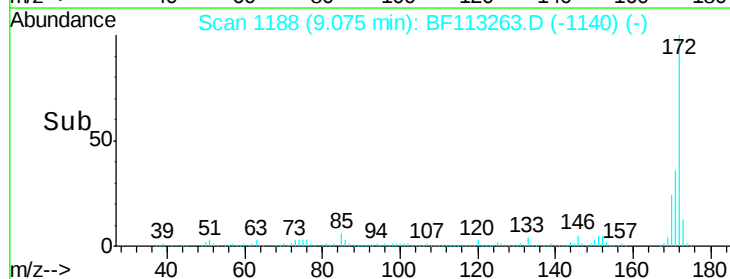
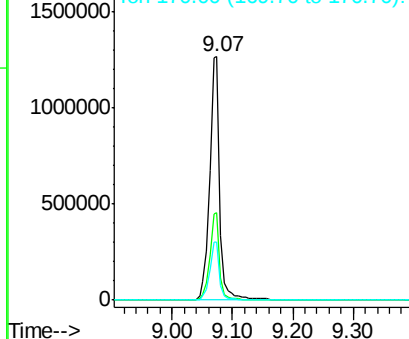


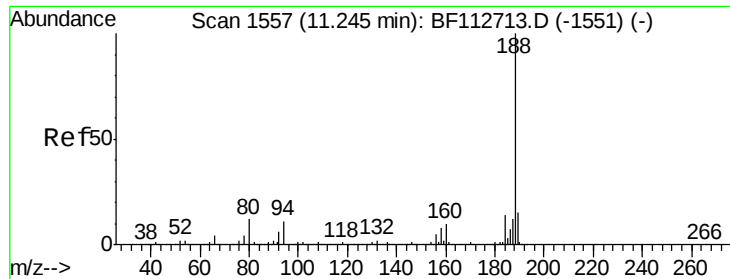
#45
 2-Fluorobiphenyl
 Concen: 63.479 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF113263.D
 Acq: 24 Mar 2019 12:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.0	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

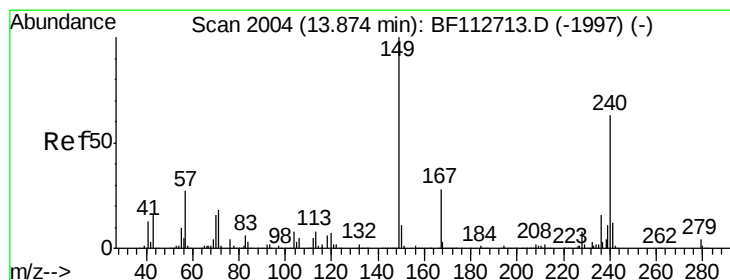
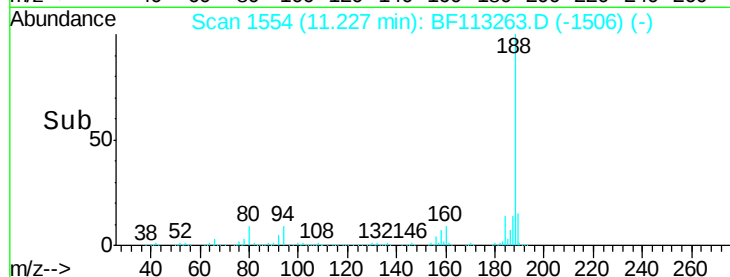
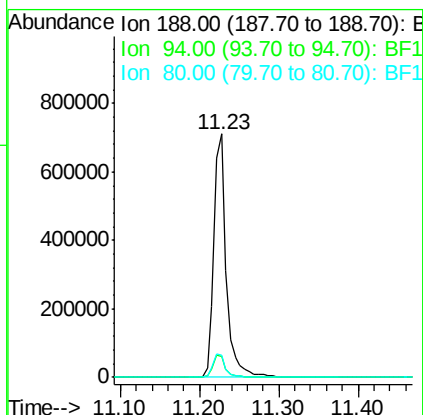
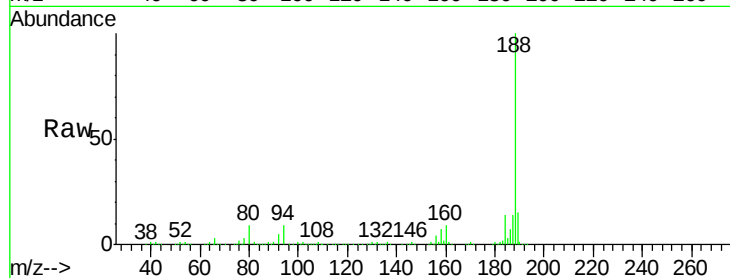




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF113263.D
Acq: 24 Mar 2019 12:52

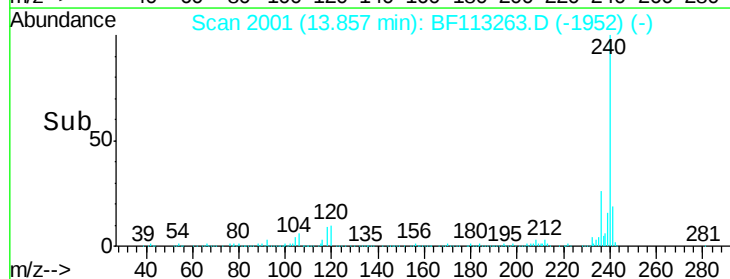
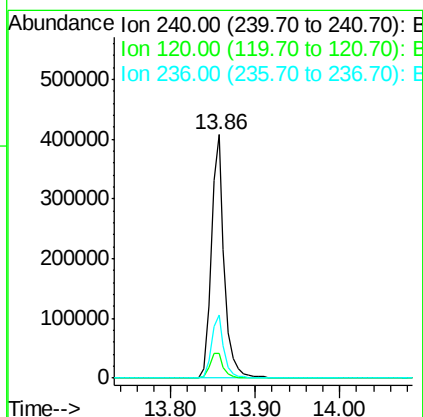
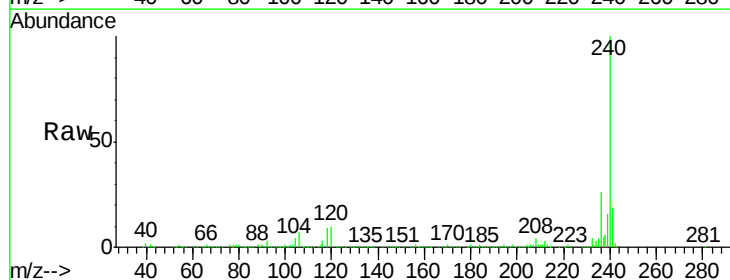
Instrument :
BNA_F
ClientSampleId :
PB118222BL

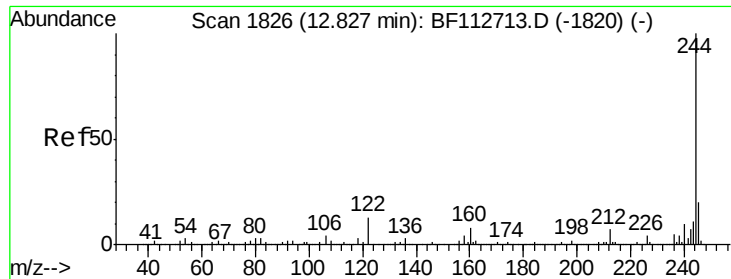
Tot Ion:188 Resp: 773610
Ion Ratio Lower Upper
188 100
94 8.6 9.0 13.4#
80 9.1 9.2 13.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113263.D
Acq: 24 Mar 2019 12:52

Tgt Ion:240 Resp: 440258
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.7 20.7 31.1

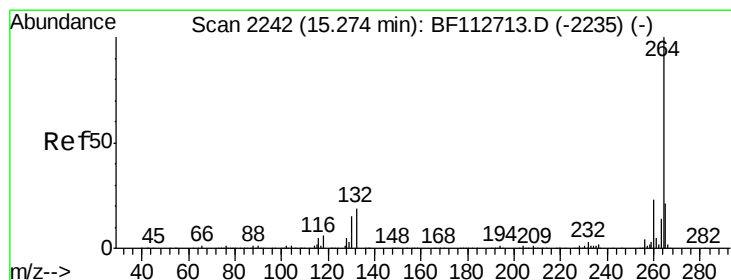
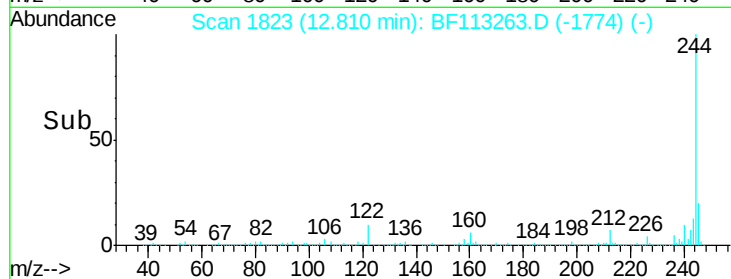
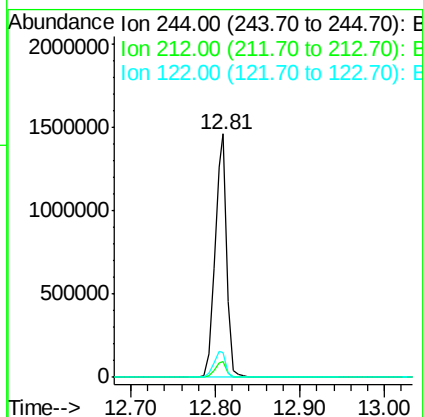
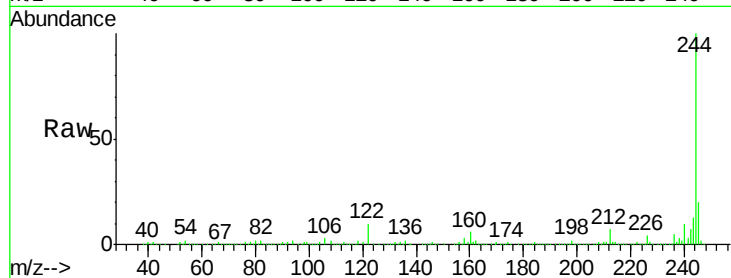




#79
 Terphenyl-d14
 Concen: 63.608 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF113263.D
 Acq: 24 Mar 2019 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BL

Tot Ion:244 Resp: 1444626
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.0 10.5 15.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF113263.D
 Acq: 24 Mar 2019 12:52

Tgt Ion:264 Resp: 385398
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.8 17.2 25.8

