

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113097.D
 Acq On : 18 Mar 2019 18:22
 Operator : JU/SJ
 Sample : K1901-06 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

Quant Time: Mar 19 05:38:02 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	6.73	152	141584	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	473205	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	236674	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	445981	20.00	ng	0.00
76) Chrysene-d12	13.87	240	448219	20.00	ng	0.00
87) Perylene-d12	15.28	264	416070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	131140	14.41	ng	0.00
7) Phenol-d6	6.37	99	172279	15.07	ng	0.00
23) Nitrobenzene-d5	7.29	82	102616	12.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	40980	16.31	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	199300	10.13	ng	-0.01
79) Terphenyl-d14	12.82	244	188436	8.15	ng	0.00

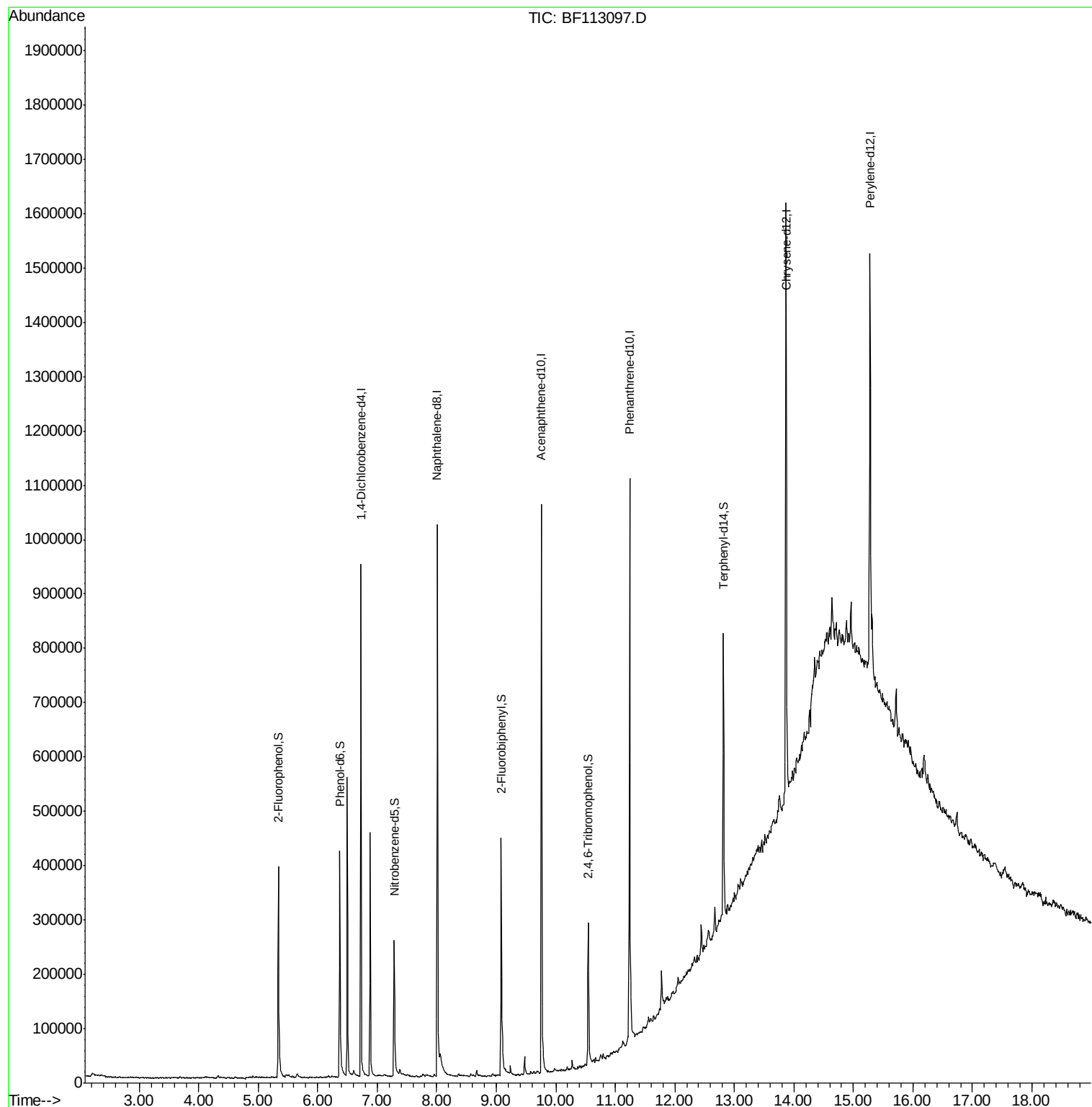
Target Compounds Qvalue

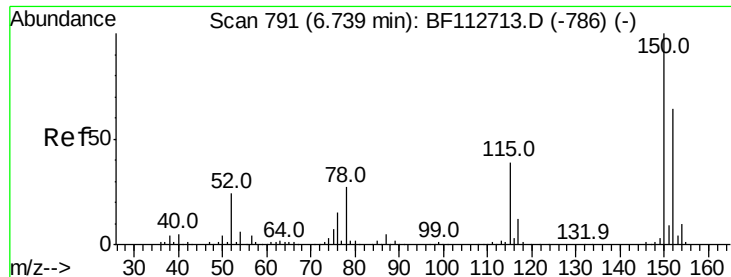
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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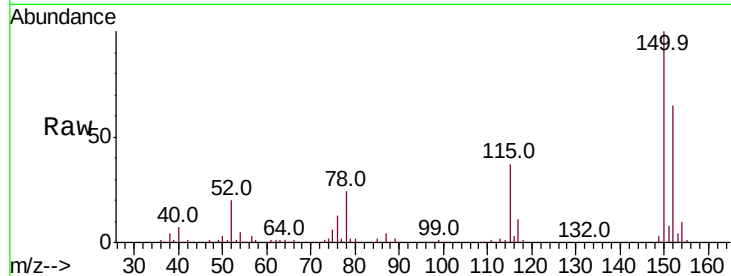


#1

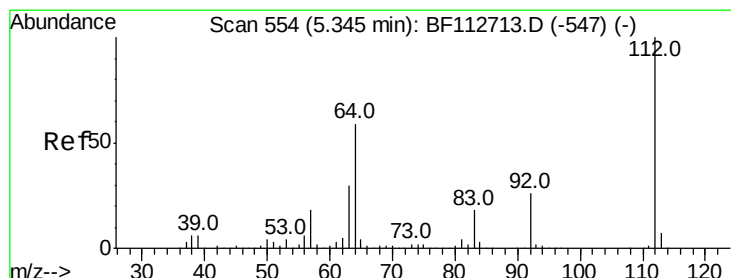
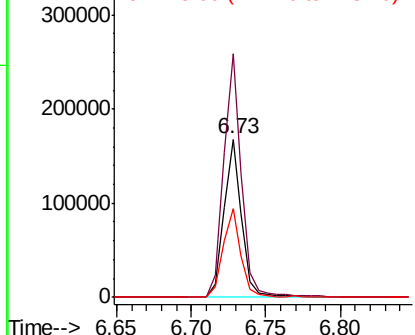
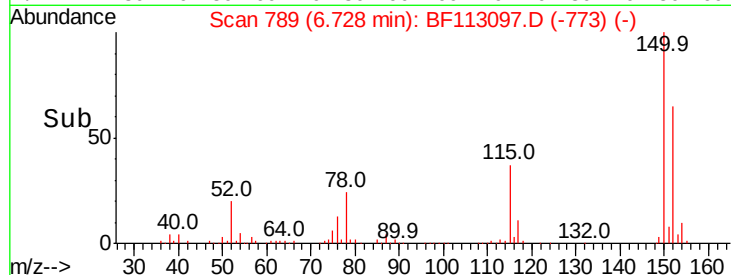
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113097.D
Acq: 18 Mar 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SB-4(7-8)

Tot Ion:152 Resp: 141584
Ion Ratio Lower Upper
152 100
150 153.9 124.2 186.2
115 56.3 48.2 72.4



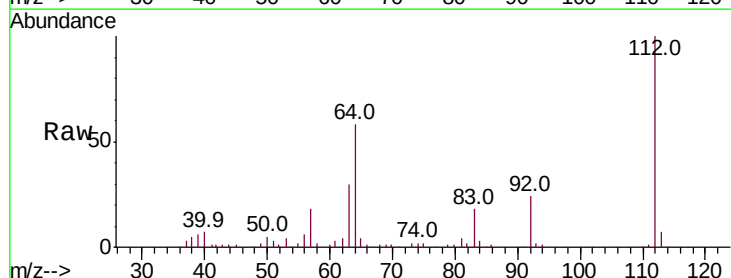
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



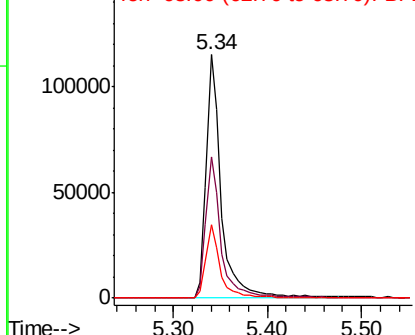
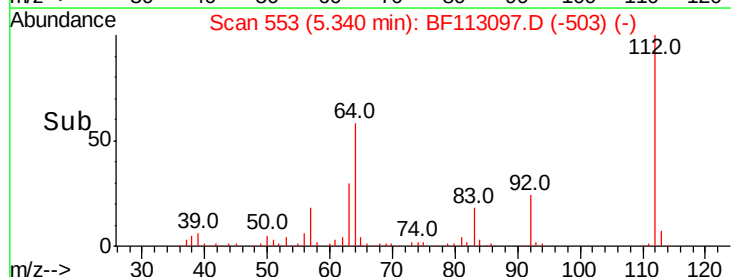
#5

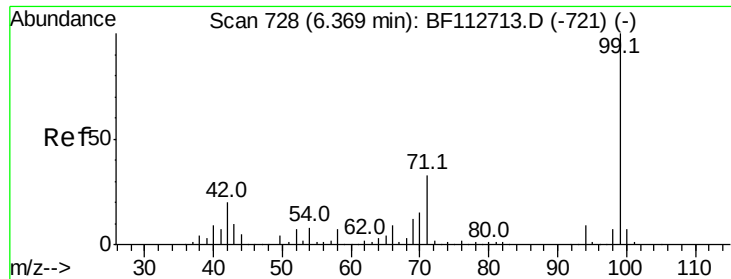
2-Fluorophenol
Concen: 14.408 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113097.D
Acq: 18 Mar 2019 18:22

Tgt Ion:112 Resp: 131140
Ion Ratio Lower Upper
112 100
64 58.1 47.6 71.4
63 30.2 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: 15.068 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113097.D

Acq: 18 Mar 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SB-4(7-8)

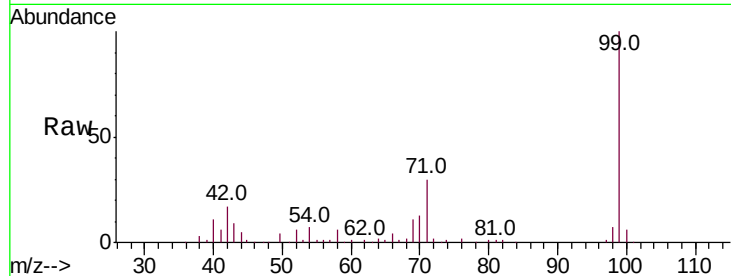
Tot Ion: 99 Resp: 172279

Ion Ratio Lower Upper

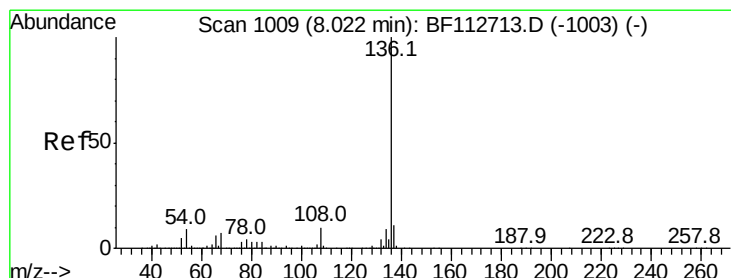
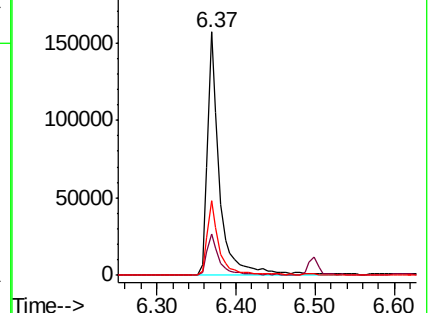
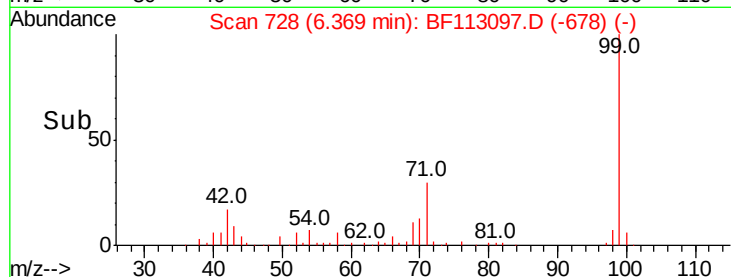
99 100

42 17.2 16.3 24.5

71 30.4 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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113097.D

Acq: 18 Mar 2019 18:22

Tgt Ion: 136 Resp: 473205

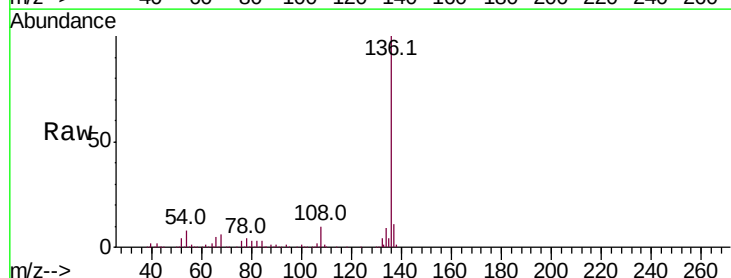
Ion Ratio Lower Upper

136 100

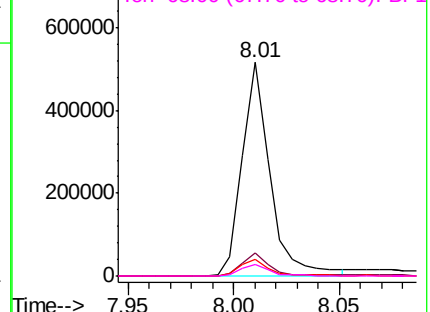
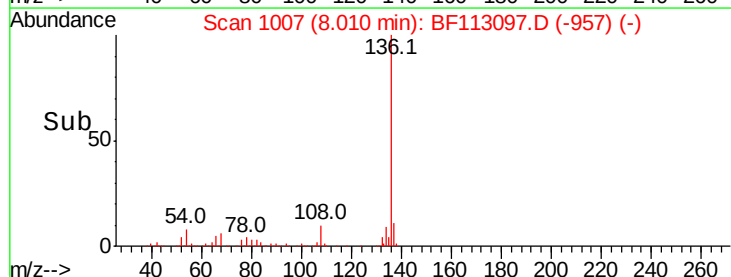
137 11.0 8.9 13.3

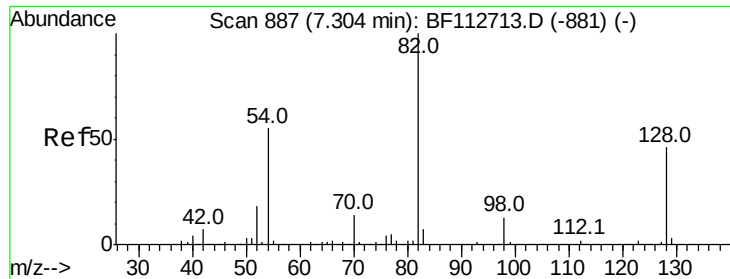
54 7.9 7.3 10.9

68 5.7 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

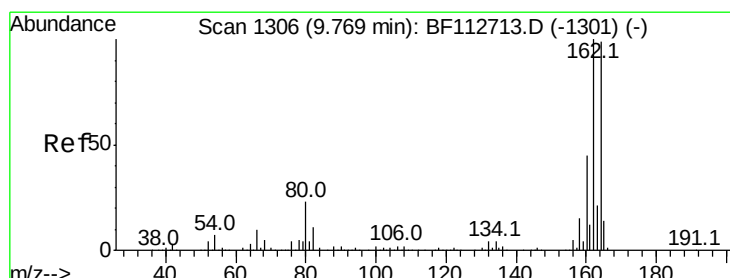
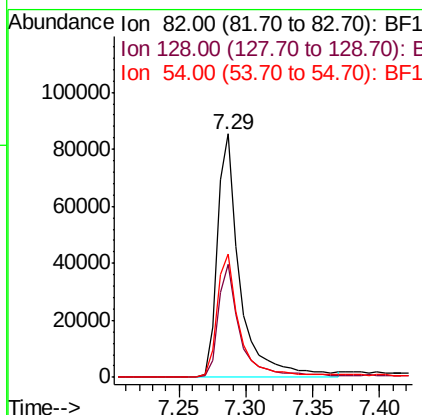
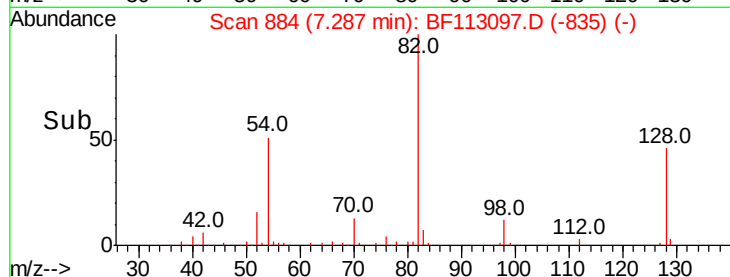
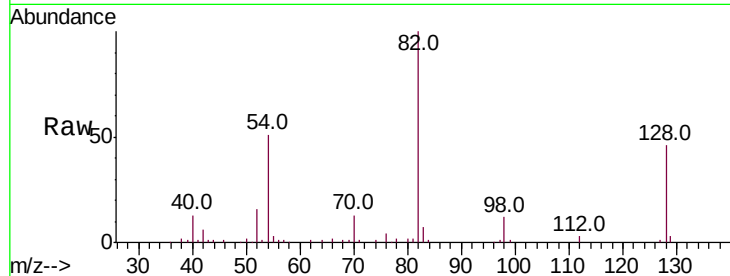




#23
Nitrobenzene-d5
Concen: 12.976 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113097.D
Acq: 18 Mar 2019 18:22

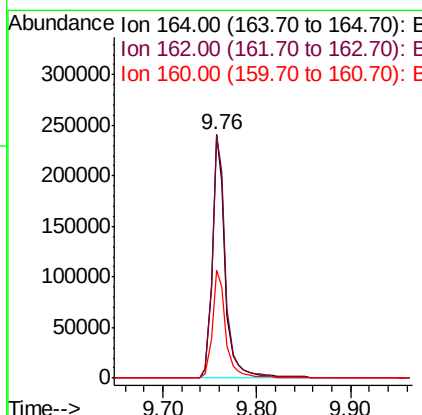
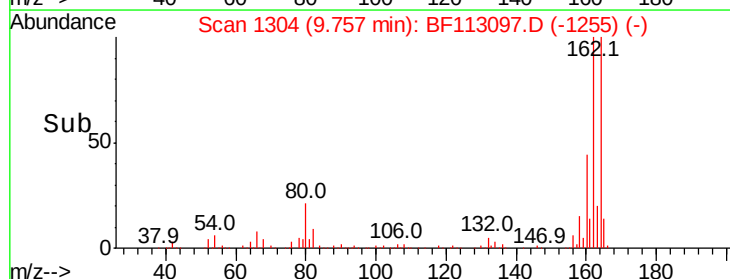
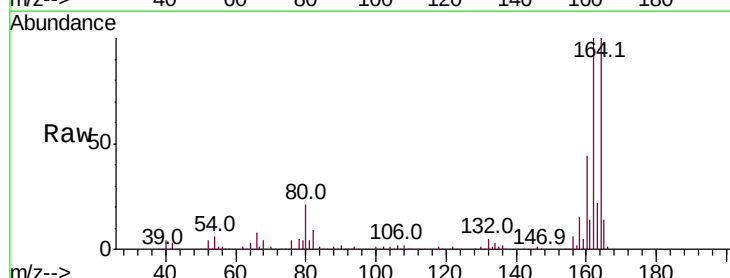
Instrument :
BNA_F
ClientSampleId :
SB-4(7-8)

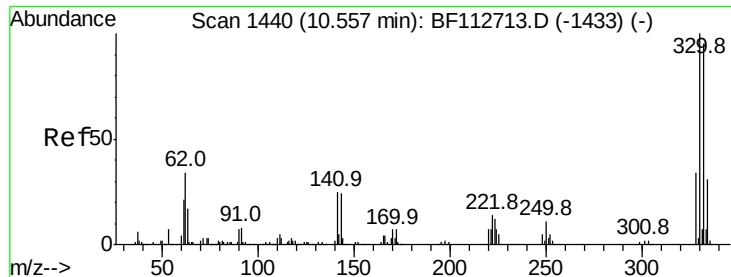
Tot Ion	82	Resp	102616
Ion Ratio	Lower	Upper	
82	100		
128	46.3	36.3	54.5
54	50.7	43.7	65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113097.D
Acq: 18 Mar 2019 18:22

Tgt Ion	164	Resp	236674
Ion Ratio	Lower	Upper	
164	100		
162	99.5	80.6	120.8
160	44.3	36.0	54.0

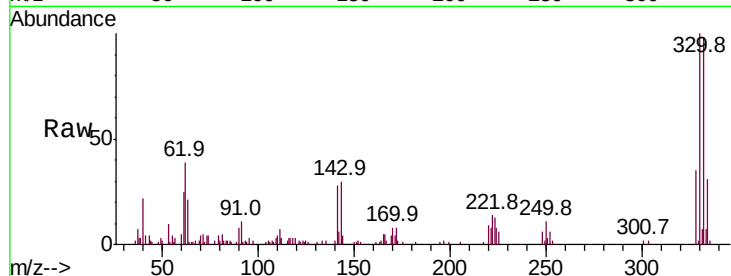




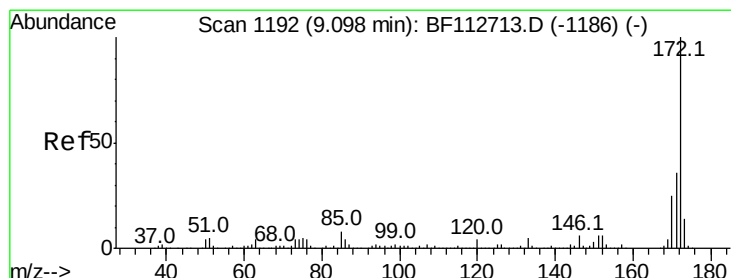
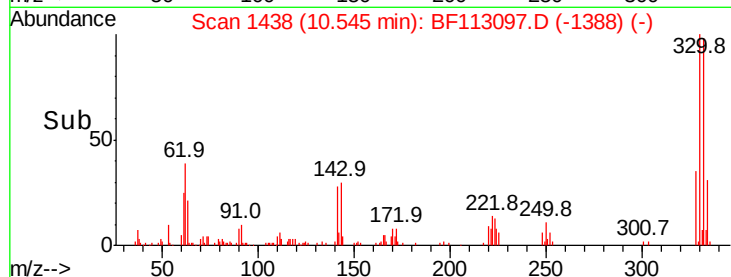
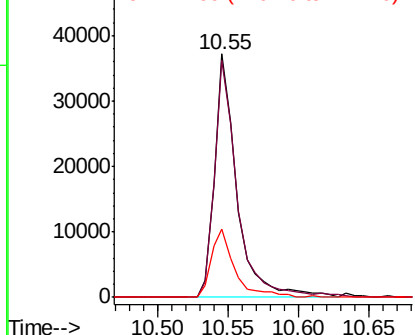
#42
 2,4,6-Tribromophenol
 Concen: 16.310 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113097.D
 Acq: 18 Mar 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	76.2	114.4
141	29.4	27.0	40.6

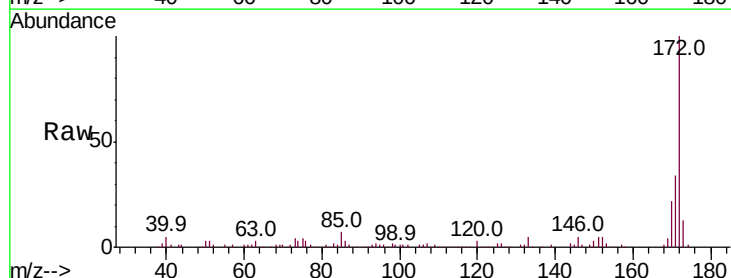


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

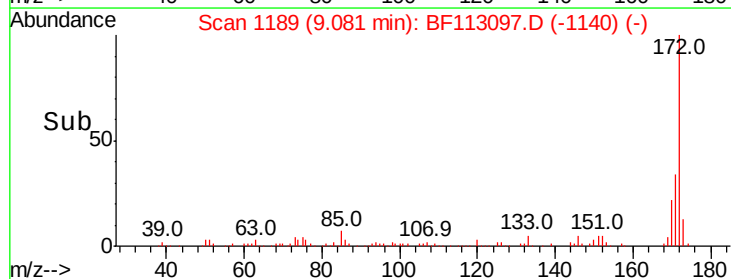
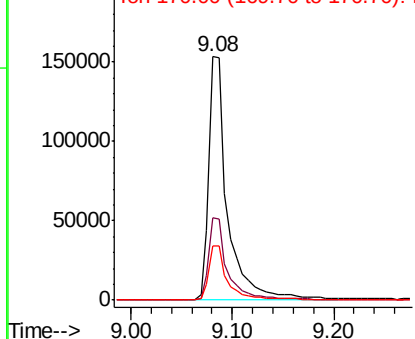


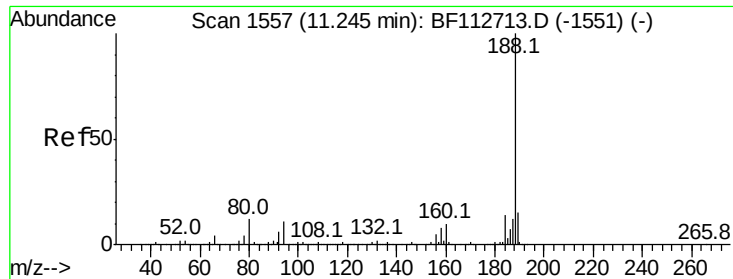
#45
 2-Fluorobiphenyl
 Concen: 10.133 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113097.D
 Acq: 18 Mar 2019 18:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.0	43.4
170	22.5	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

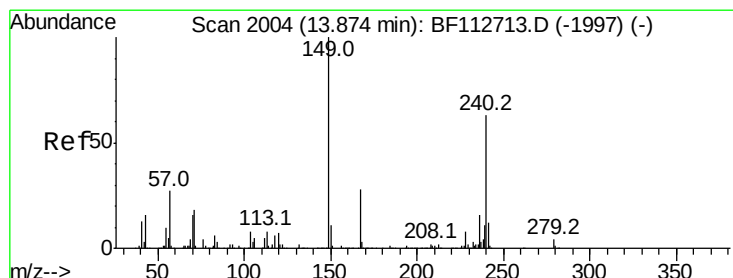
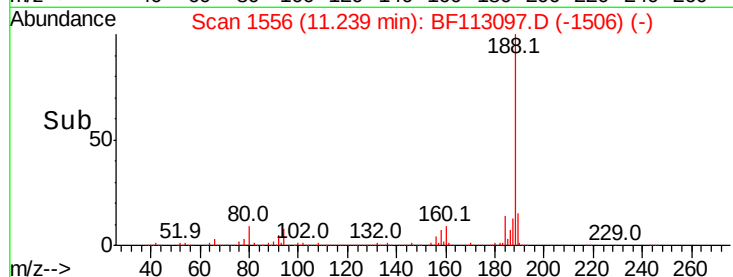
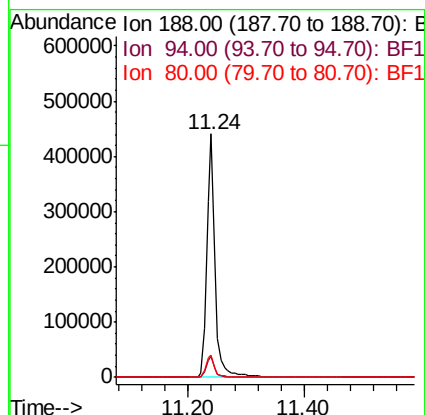
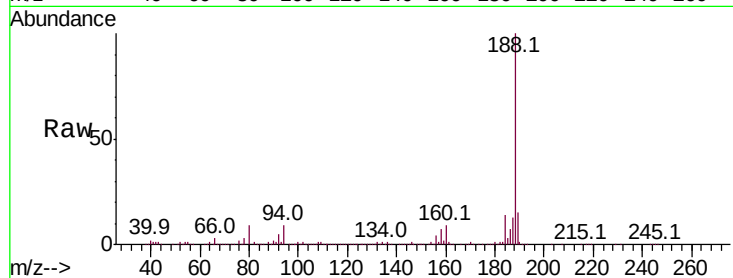




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113097.D
Acq: 18 Mar 2019 18:22

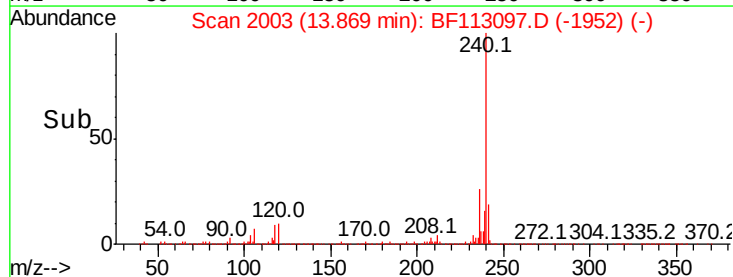
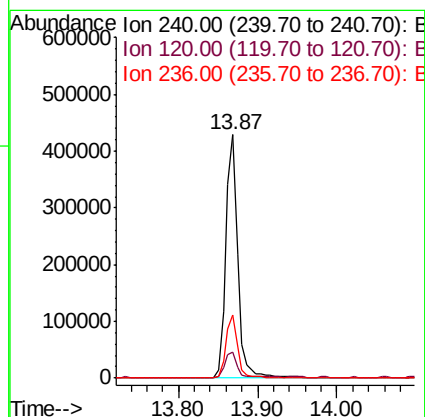
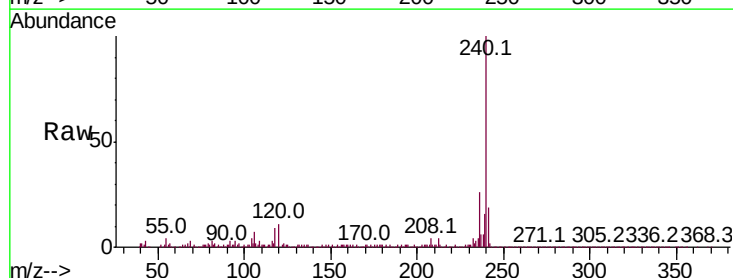
Instrument :
BNA_F
ClientSampleId :
SB-4(7-8)

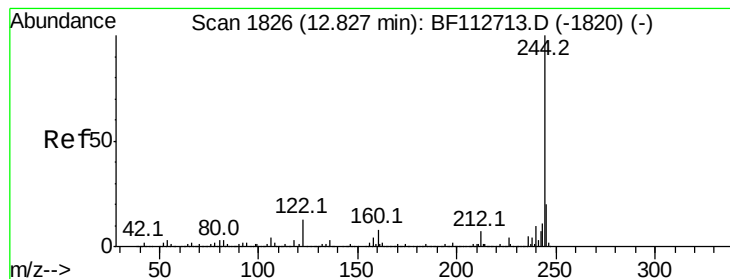
Tot Ion:188 Resp: 445981
Ion Ratio Lower Upper
188 100
94 8.6 9.0 13.4#
80 9.2 9.2 13.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113097.D
Acq: 18 Mar 2019 18:22

Tgt Ion:240 Resp: 448219
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 8.150 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113097.D

Acq: 18 Mar 2019 18:22

Instrument :

BNA_F

ClientSampled :

SB-4(7-8)

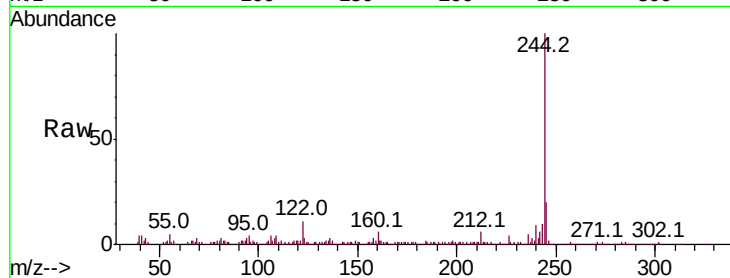
Tot Ion:244 Resp: 188436

Ion Ratio Lower Upper

244 100

212 6.0 5.6 8.4

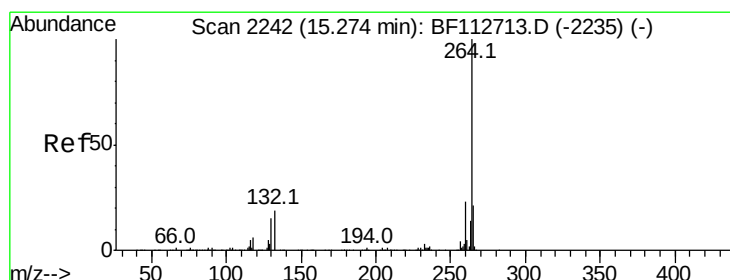
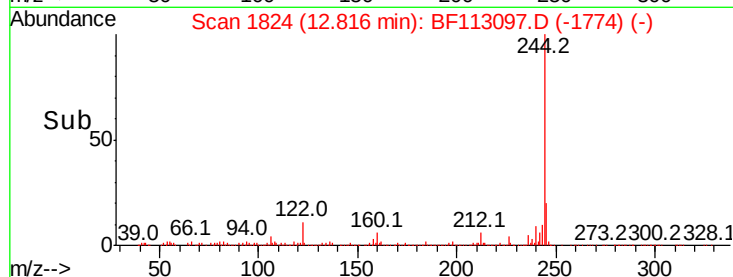
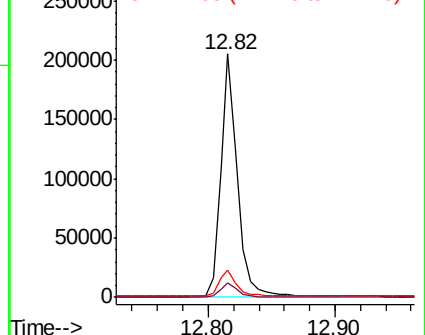
122 11.2 10.5 15.7



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: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF113097.D

Acq: 18 Mar 2019 18:22

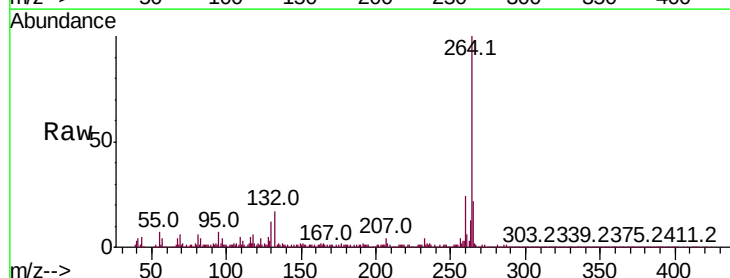
Tgt Ion:264 Resp: 416070

Ion Ratio Lower Upper

264 100

260 23.9 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

