

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112142.D
 Acq On : 18 Jan 2019 23:18
 Operator : JU/SJ
 Sample : K1173-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3425

Quant Time: Jan 19 00:52:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 23:33:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	288268	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1084611	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	530139	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	980070	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	683683	20.00	ng	-0.01
87) Perylene-d12	15.49	264	683970	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1748146	110.07	ng	0.01
7) Phenol-d6	6.50	99	1904723	95.85	ng	0.00
23) Nitrobenzene-d5	7.42	82	1633089	104.03	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	806853	141.08	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3054936	84.48	ng	0.00
79) Terphenyl-d14	12.97	244	3018692	93.93	ng	0.00

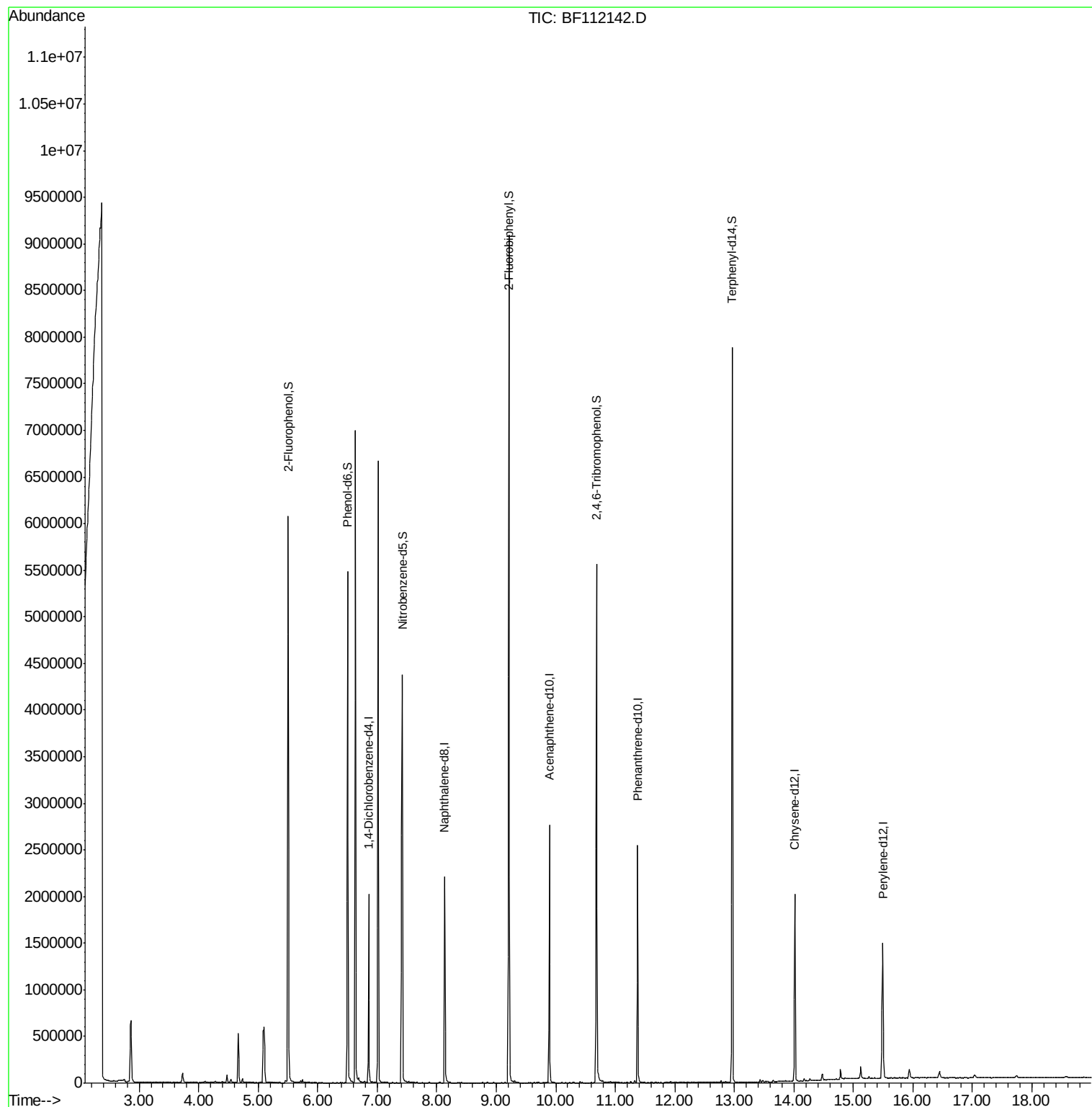
Target Compounds Qvalue

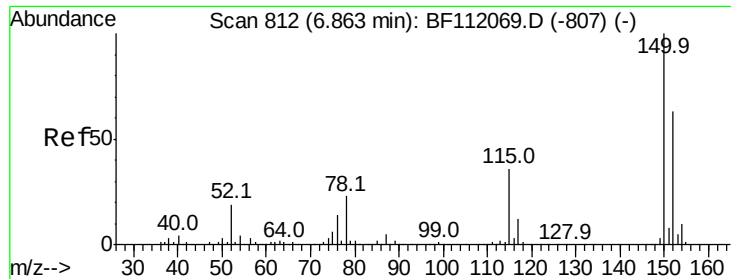
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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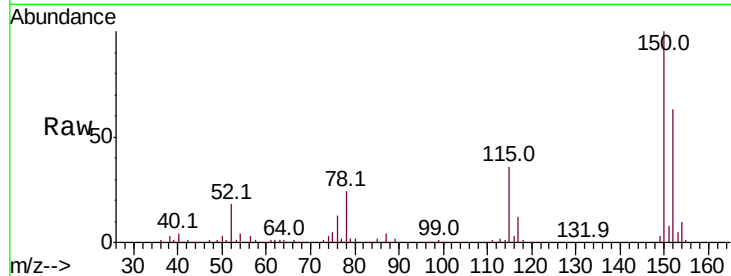


#1

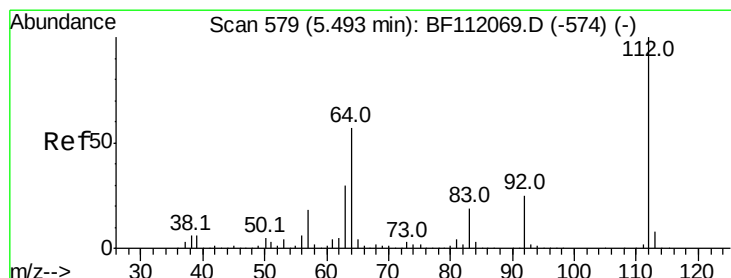
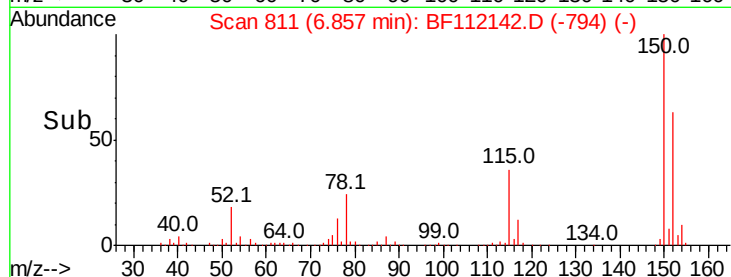
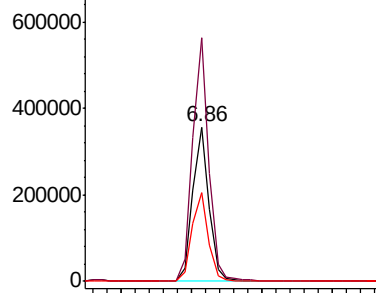
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112142.D
Acq: 18 Jan 2019 23:18

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tot Ion:152 Resp: 288268
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.0
115 57.5 45.5 68.3



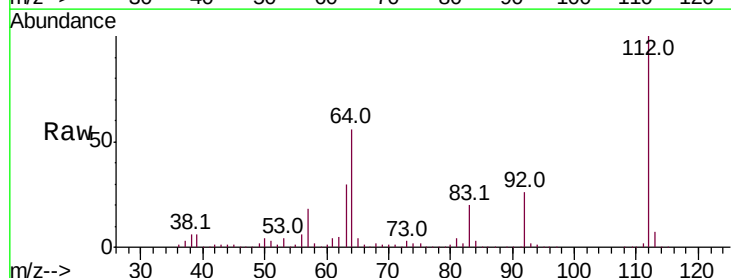
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



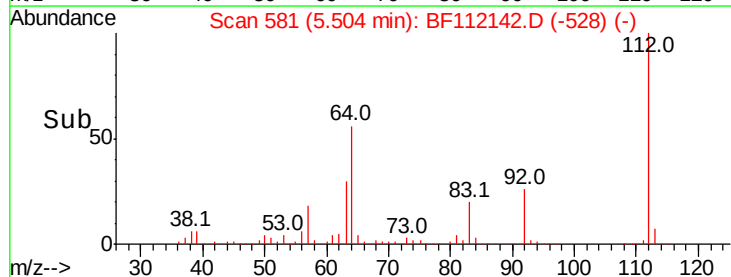
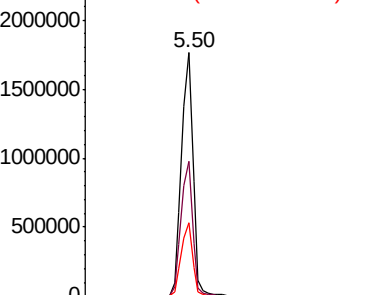
#5

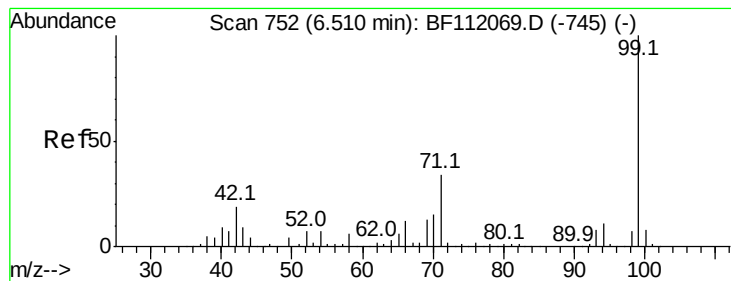
2-Fluorophenol
Concen: 110.069 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF112142.D
Acq: 18 Jan 2019 23:18

Tgt Ion:112 Resp: 1748146
Ion Ratio Lower Upper
112 100
64 55.6 45.7 68.5
63 30.4 23.6 35.4



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: 95.854 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF112142.D

Acq: 18 Jan 2019 23:18

Instrument :

BNA_F

ClientSampleId :

RT-3425

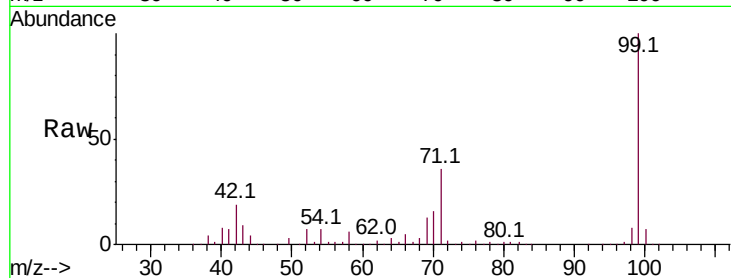
Tot Ion: 99 Resp: 1904723

Ion Ratio Lower Upper

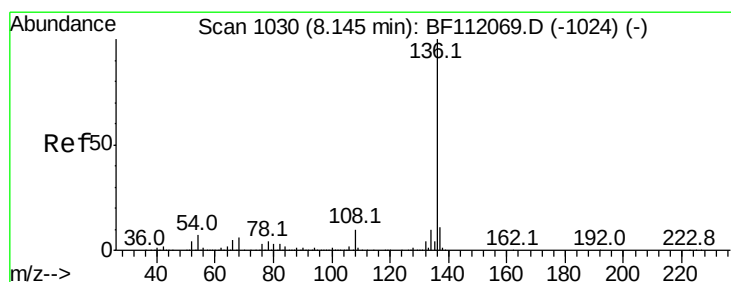
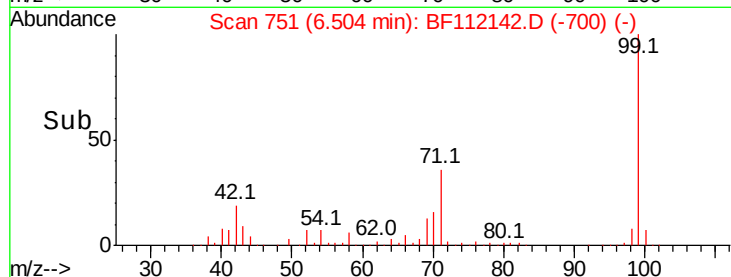
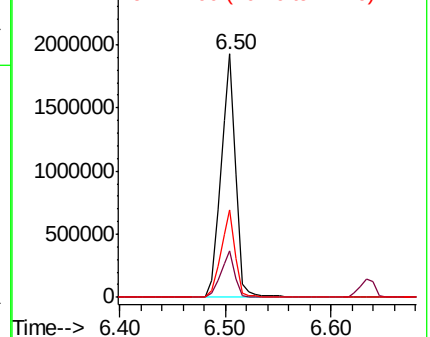
99 100

42 19.1 15.1 22.7

71 36.0 26.9 40.3



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: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF112142.D

Acq: 18 Jan 2019 23:18

Tgt Ion: 136 Resp: 1084611

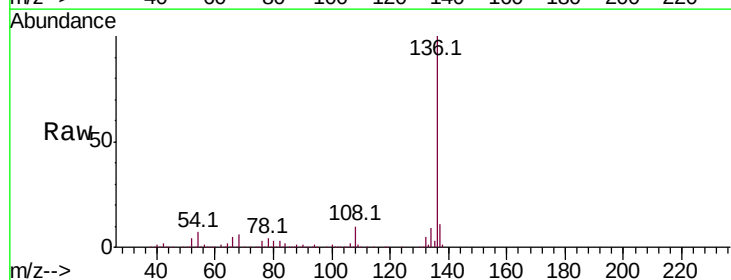
Ion Ratio Lower Upper

136 100

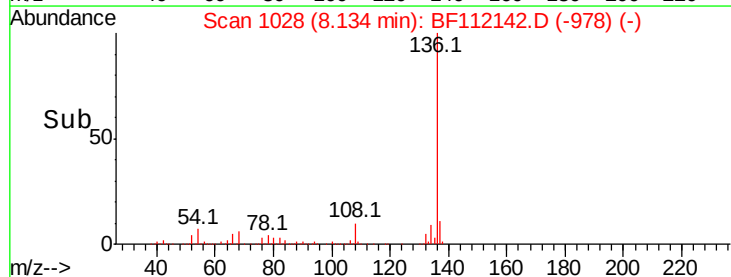
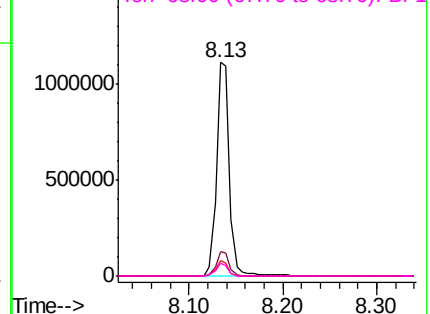
137 11.3 9.1 13.7

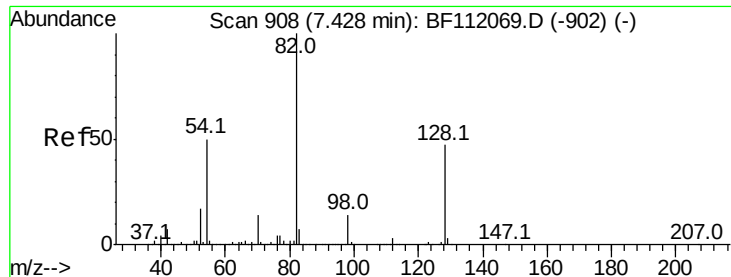
54 7.4 5.9 8.9

68 5.9 5.1 7.7



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

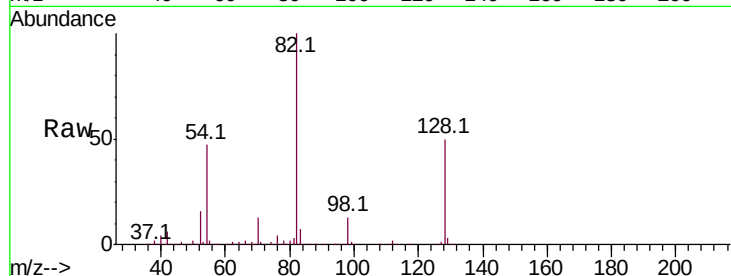




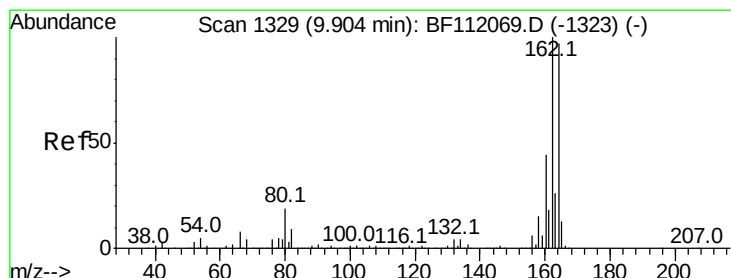
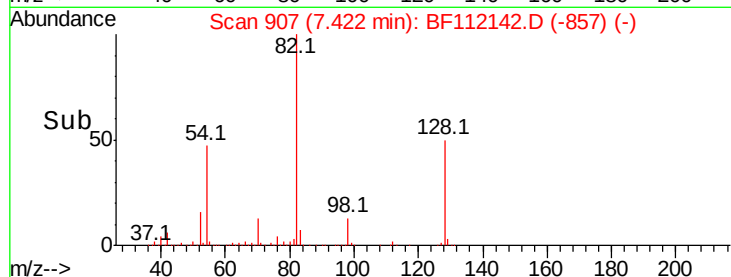
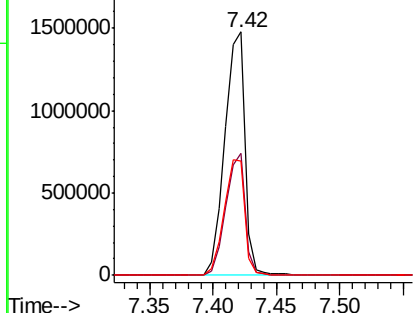
#23
 Nitrobenzene-d5
 Concen: 104.027 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112142.D
 Acq: 18 Jan 2019 23:18

Instrument :
 BNA_F
 ClientSampleId :
 RT-3425

Tot Ion: 82 Resp: 1633089
 Ion Ratio Lower Upper
 82 100
 128 50.3 37.8 56.8
 54 47.1 39.7 59.5

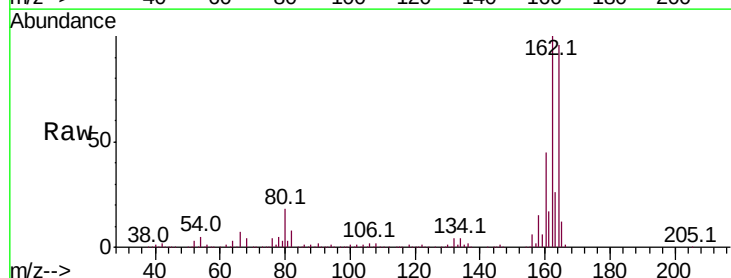


Abundance Ion 82.00 (81.70 to 82.70): BF1
 2000000 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

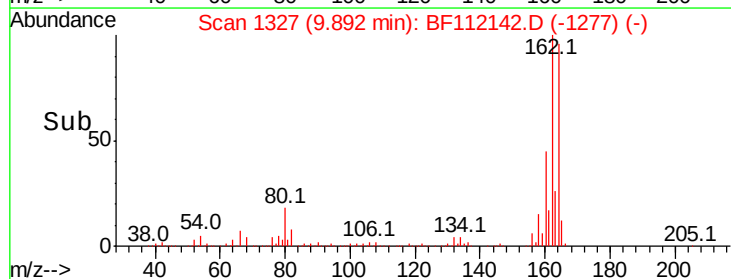
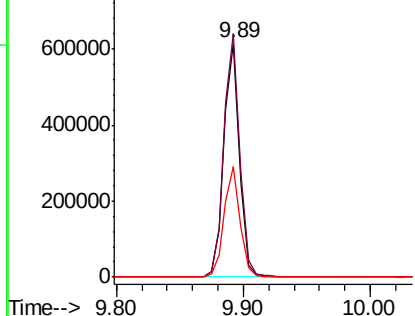


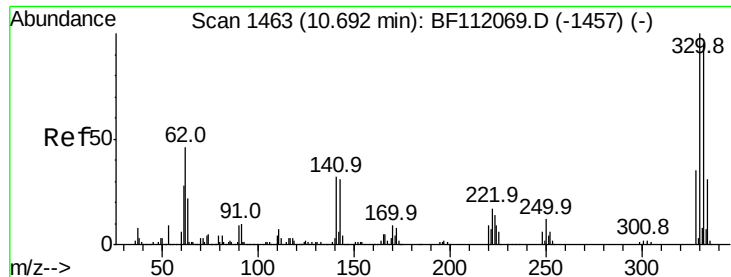
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF112142.D
 Acq: 18 Jan 2019 23:18

Tgt Ion: 164 Resp: 530139
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.2 123.4
 160 47.2 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

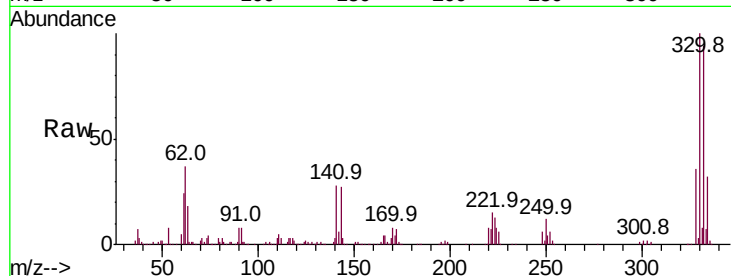




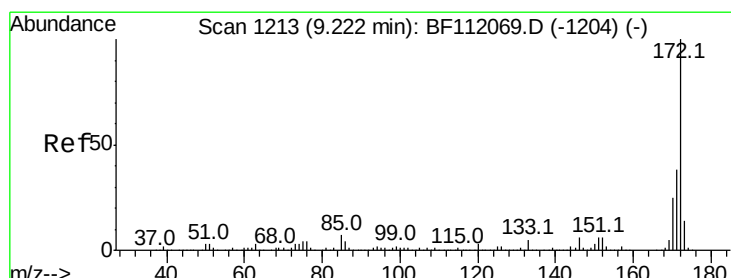
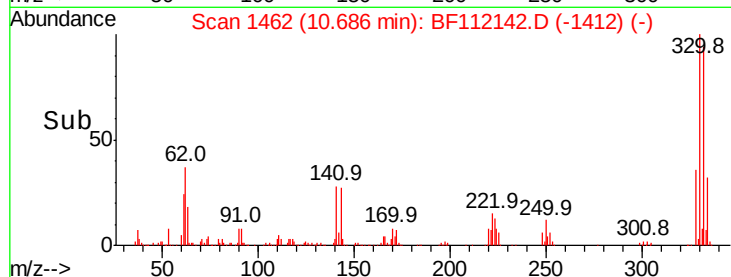
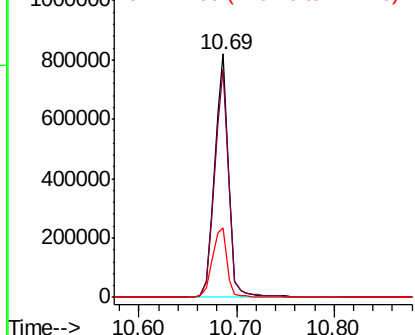
#42
 2,4,6-Tribromophenol
 Concen: 141.082 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112142.D
 Acq: 18 Jan 2019 23:18

Instrument :
 BNA_F
 ClientSampled :
 RT-3425

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	30.7	24.3	36.5

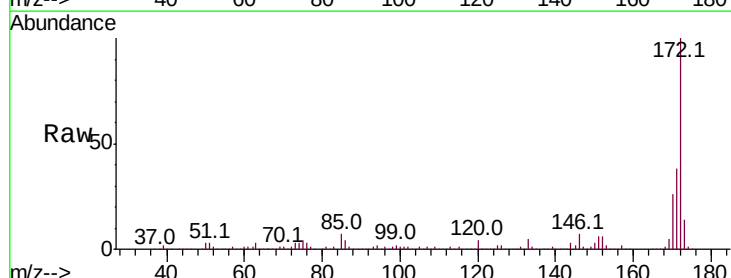


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

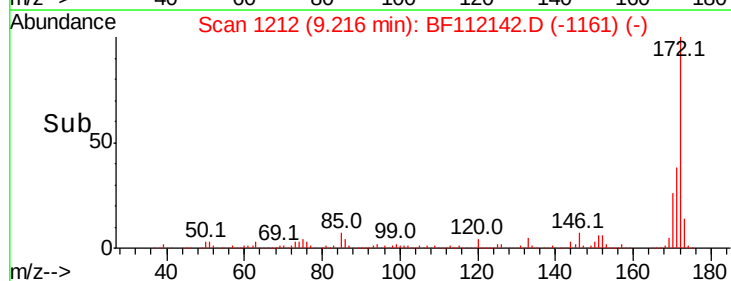
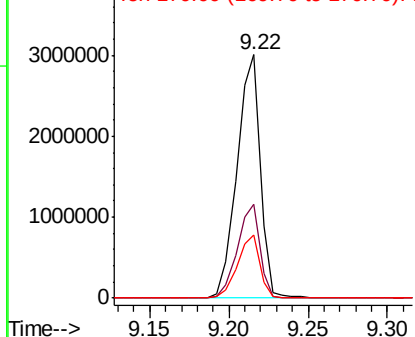


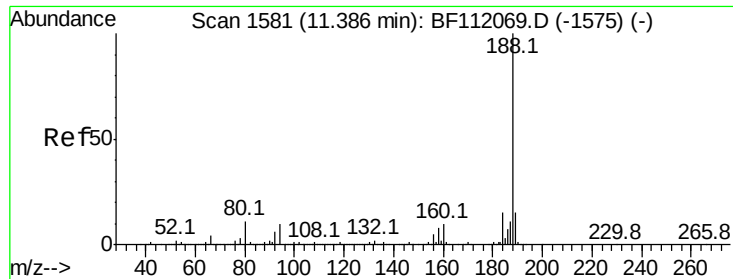
#45
 2-Fluorobiphenyl
 Concen: 84.485 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF112142.D
 Acq: 18 Jan 2019 23:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.5	45.7
170	25.9	20.2	30.4



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

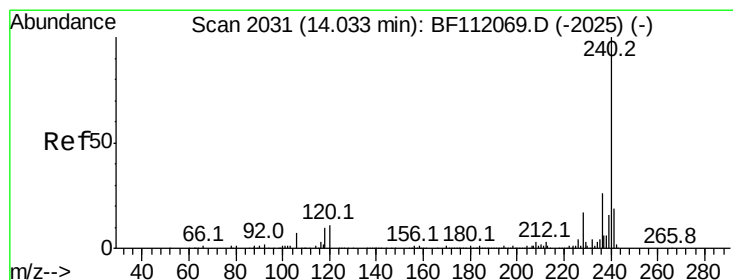
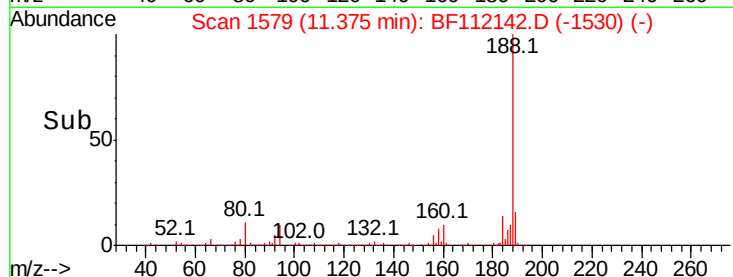
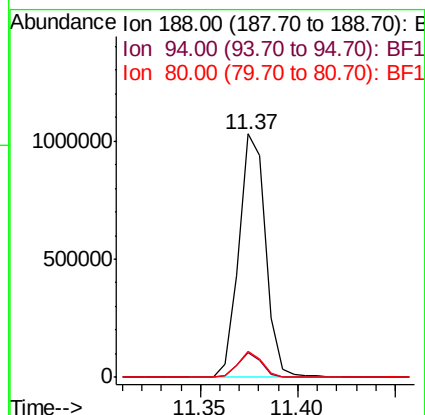
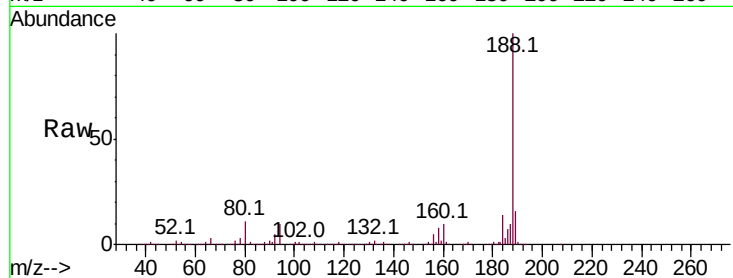




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112142.D
Acq: 18 Jan 2019 23:18

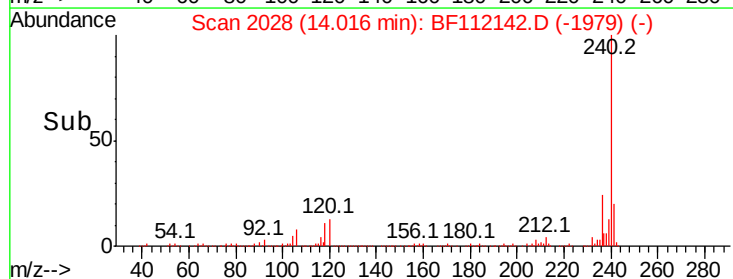
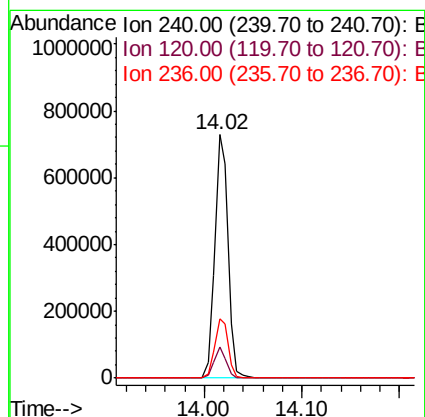
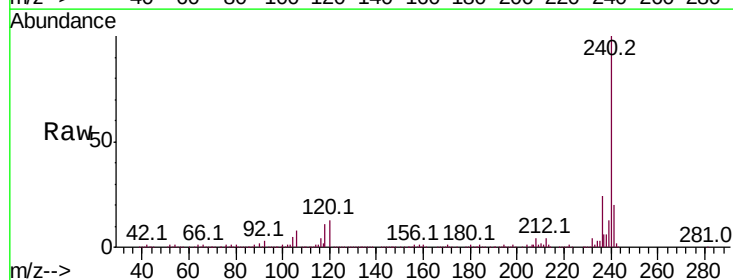
Instrument :
BNA_F
ClientSampled :
RT-3425

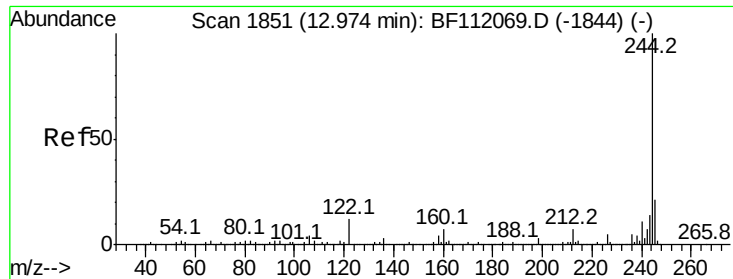
Tot Ion:188 Resp: 980070
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.8 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112142.D
Acq: 18 Jan 2019 23:18

Tgt Ion:240 Resp: 683683
Ion Ratio Lower Upper
240 100
120 12.9 9.0 13.6
236 24.5 20.7 31.1





#79

Terphenyl-d14

Concen: 93.931 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF112142.D

Acq: 18 Jan 2019 23:18

Instrument :

BNA_F

ClientSampleId :

RT-3425

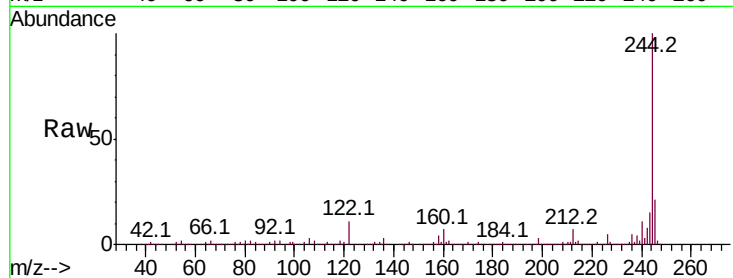
Tot Ion:244 Resp: 3018692

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

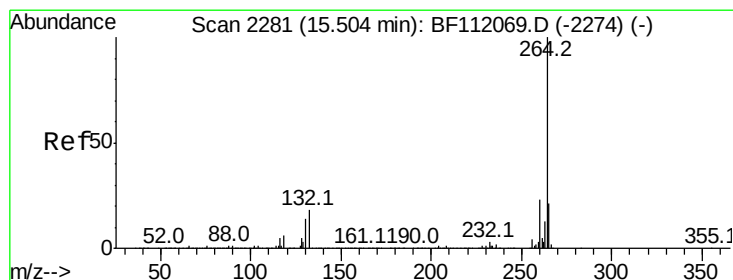
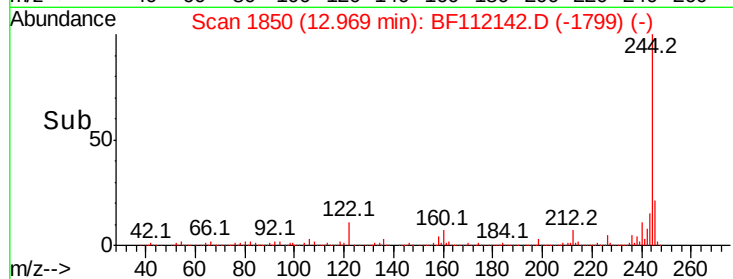
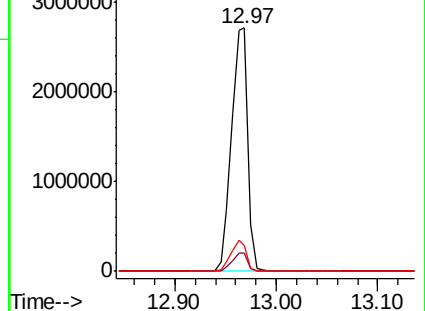
122 10.7 9.8 14.6



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: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112142.D

Acq: 18 Jan 2019 23:18

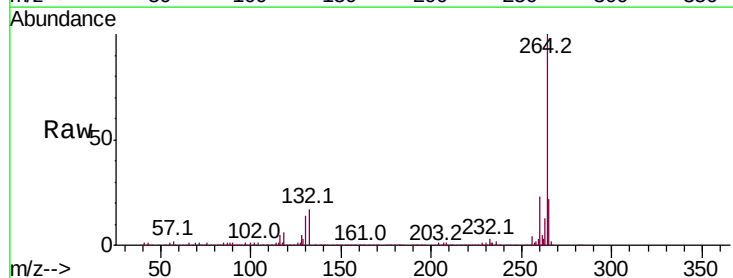
Tgt Ion:264 Resp: 683970

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 21.5 17.0 25.4



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

