

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112141.D
 Acq On : 18 Jan 2019 22:51
 Operator : JU/SJ
 Sample : K1173-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-5124

Quant Time: Jan 19 00:50:45 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	280360	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1075116	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	531490	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	988328	20.00	ng	0.00
76) Chrysene-d12	14.02	240	702825	20.00	ng	-0.01
87) Perylene-d12	15.49	264	693384	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1398108	90.51	ng	0.00
7) Phenol-d6	6.50	99	1526506	78.99	ng	0.00
23) Nitrobenzene-d5	7.42	82	1304252	83.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	641797	111.94	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2562238	70.68	ng	0.00
79) Terphenyl-d14	12.96	244	2603208	78.80	ng	0.00

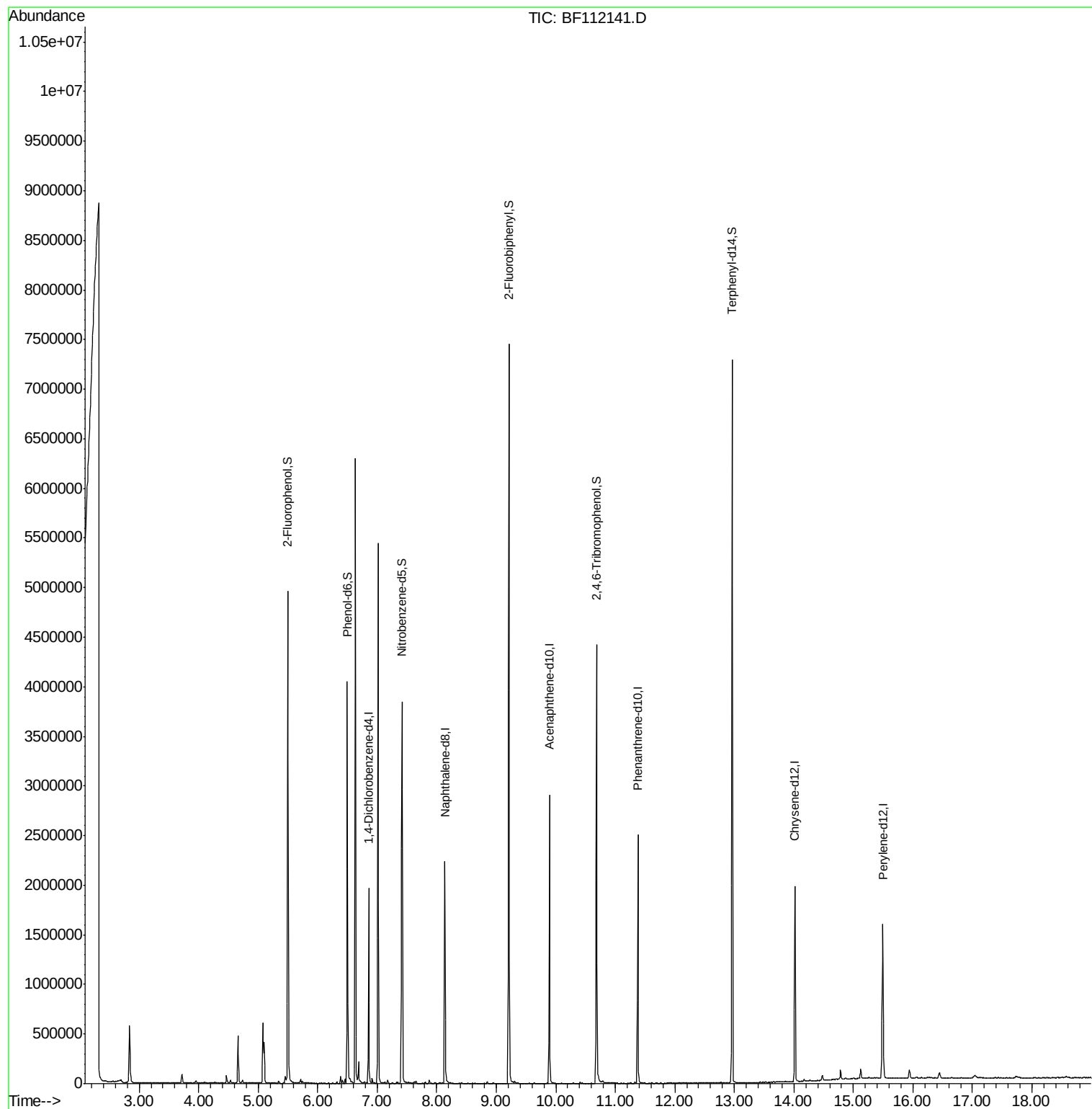
Target Compounds Qvalue

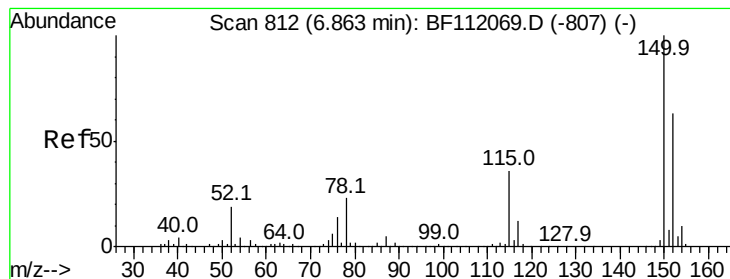
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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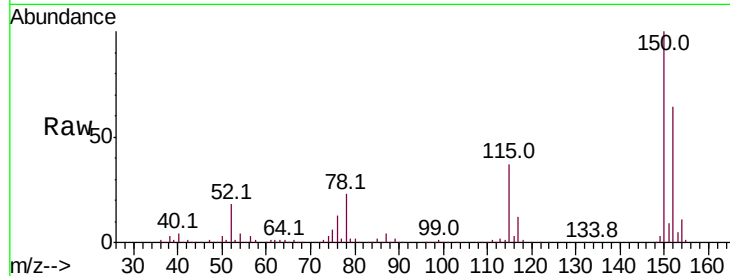


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112141.D
Acq: 18 Jan 2019 22:51

Instrument :
BNA_F
ClientSampleId :
RT-5124

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	127.4	191.0
115	58.5	45.5	68.3

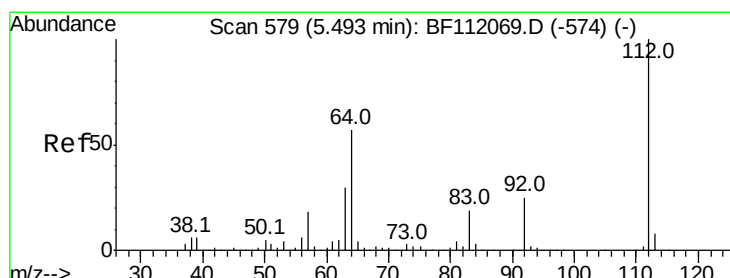
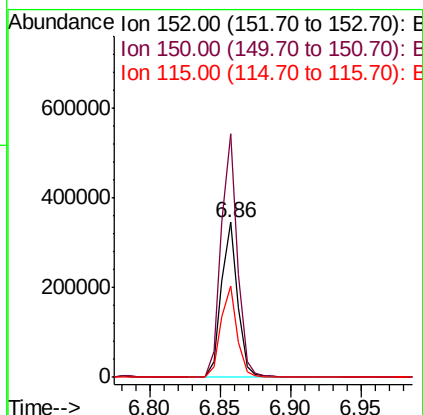
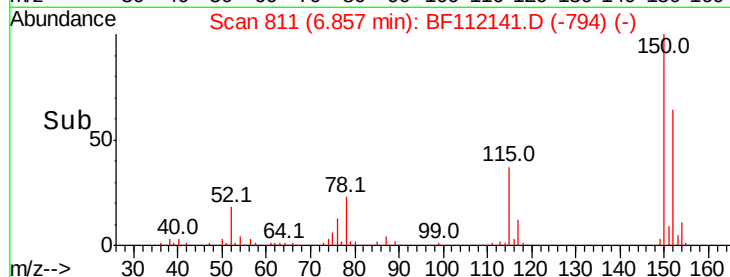


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

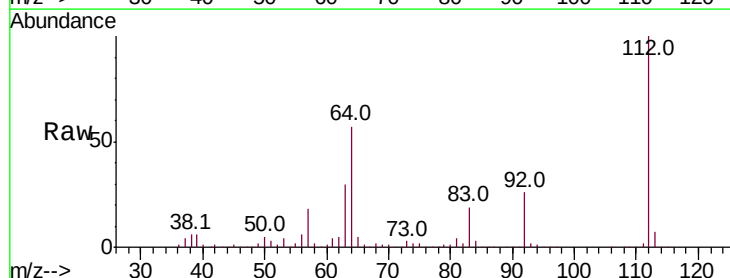
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 90.513 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112141.D
Acq: 18 Jan 2019 22:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.7	68.5
63	29.8	23.6	35.4

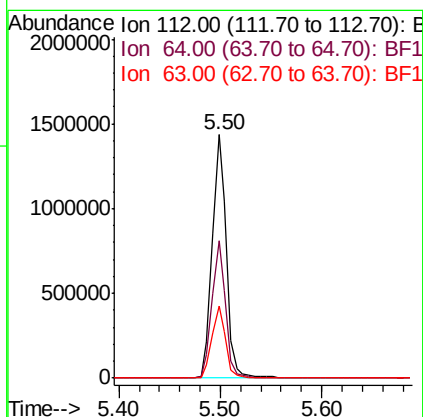
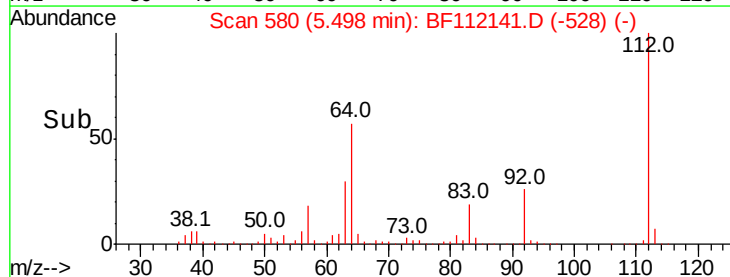


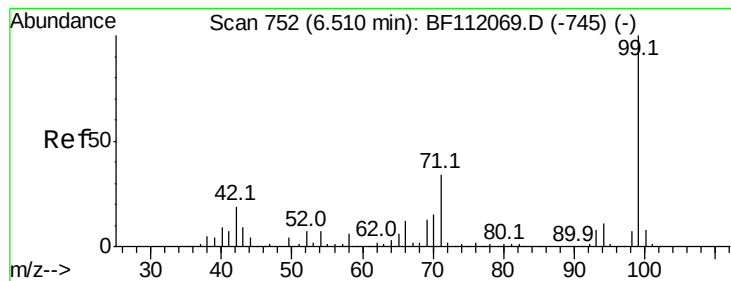
Abundance

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: 78.987 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112141.D

Acq: 18 Jan 2019 22:51

Instrument :

BNA_F

ClientSampleId :

RT-5124

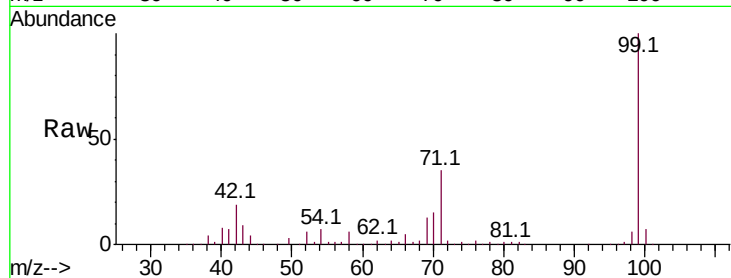
Tot Ion: 99 Resp: 1526506

Ion Ratio Lower Upper

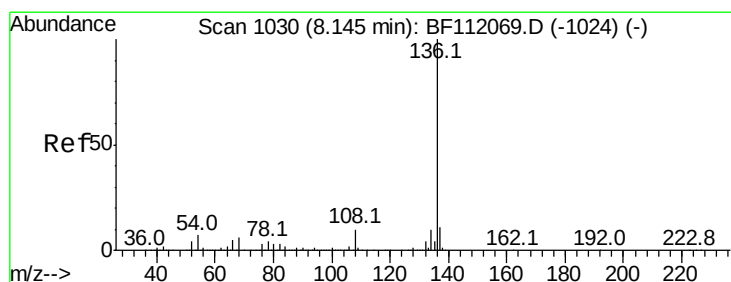
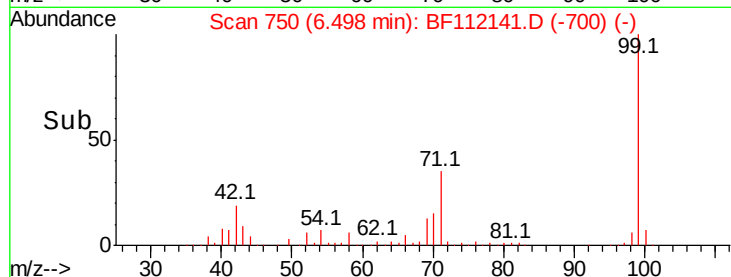
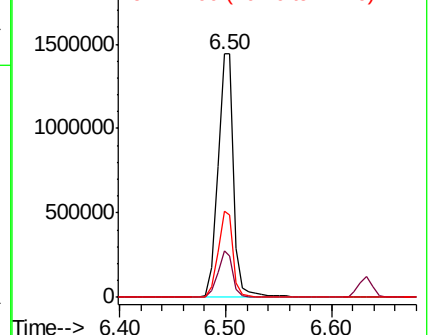
99 100

42 19.3 15.1 22.7

71 35.2 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: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF112141.D

Acq: 18 Jan 2019 22:51

Tgt Ion:136 Resp: 1075116

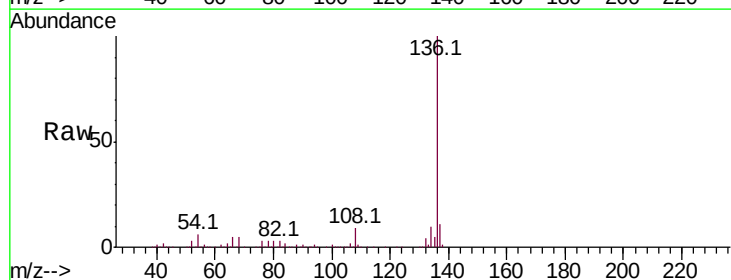
Ion Ratio Lower Upper

136 100

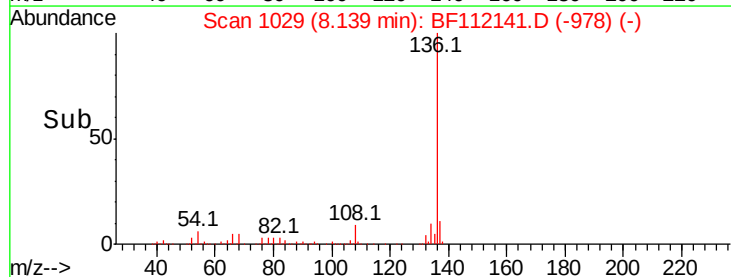
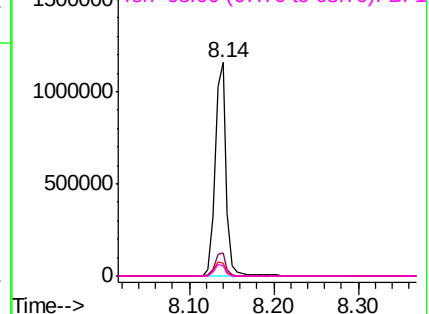
137 11.1 9.1 13.7

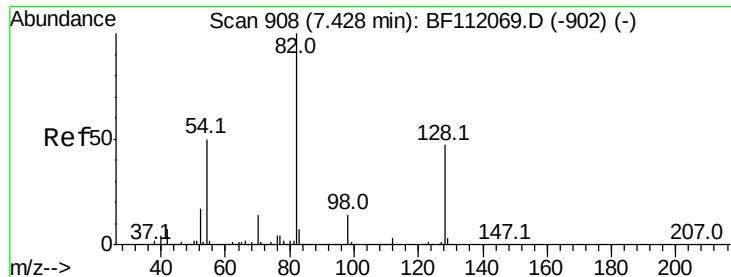
54 6.3 5.9 8.9

68 4.8 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

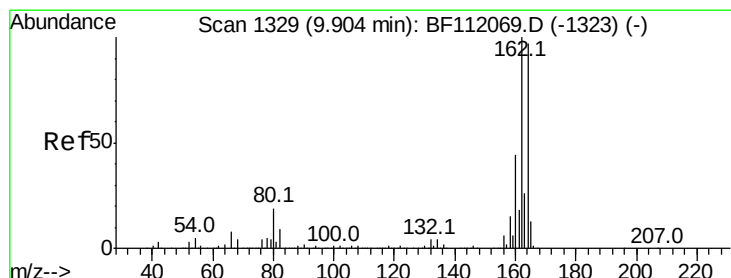
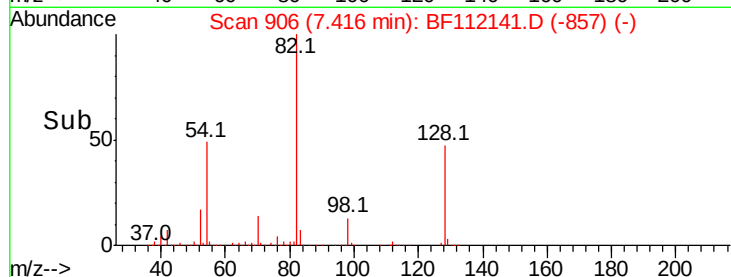
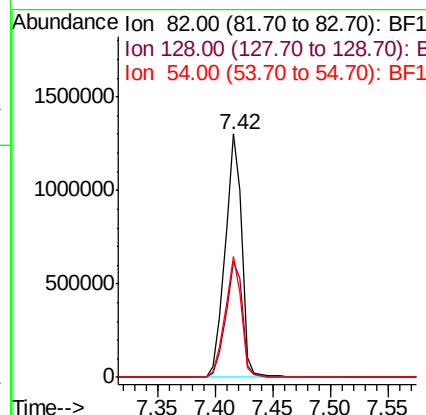
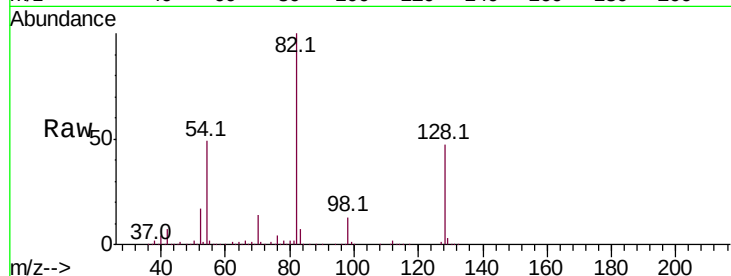




#23
Nitrobenzene-d5
Concen: 83.814 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112141.D
Acq: 18 Jan 2019 22:51

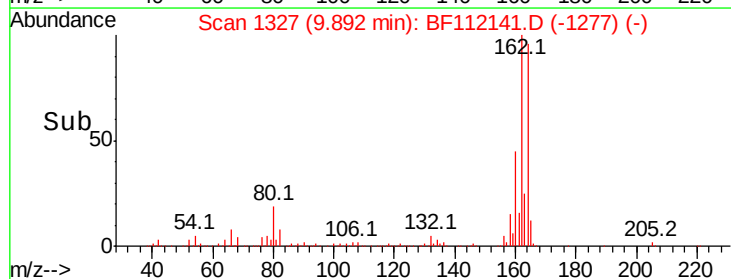
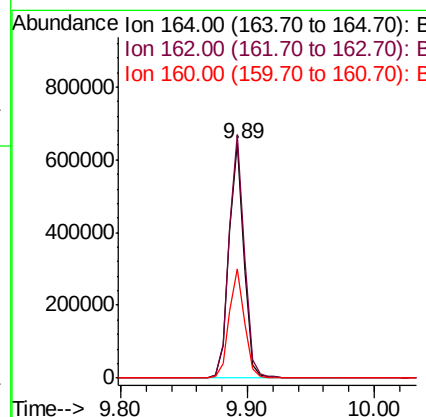
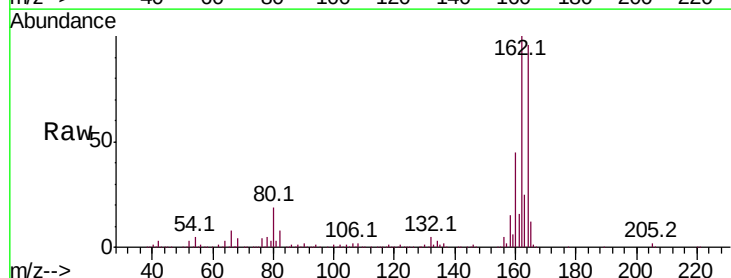
Instrument :
BNA_F
ClientSampleId :
RT-5124

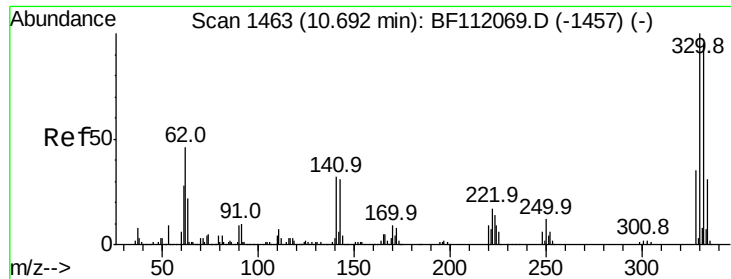
Tot Ion: 82 Resp: 1304252
Ion Ratio Lower Upper
82 100
128 47.2 37.8 56.8
54 49.3 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112141.D
Acq: 18 Jan 2019 22:51

Tgt Ion: 164 Resp: 531490
Ion Ratio Lower Upper
164 100
162 103.9 82.2 123.4
160 46.5 36.2 54.4

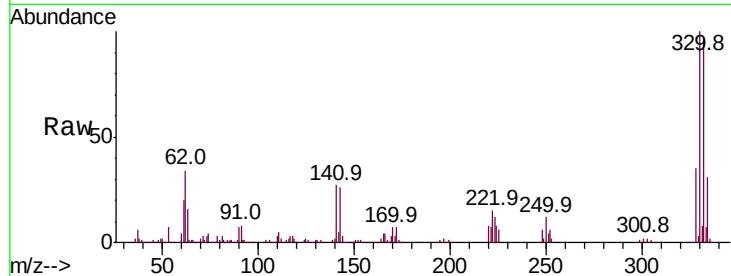




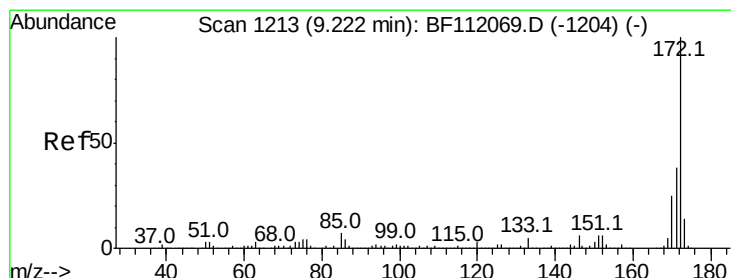
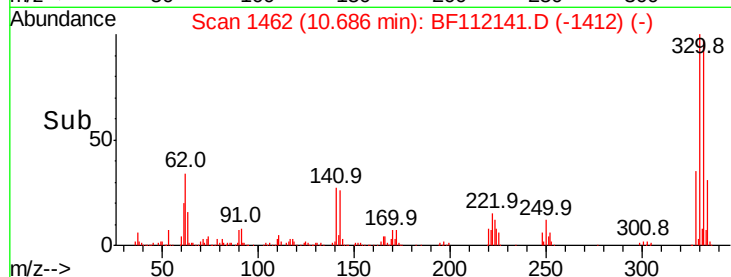
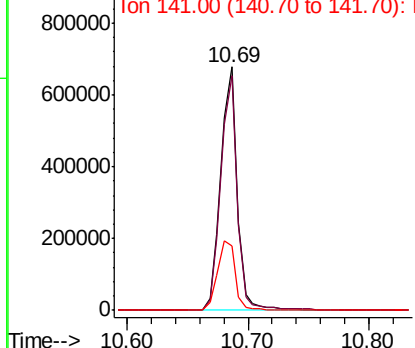
#42
 2,4,6-Tribromophenol
 Concen: 111.936 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112141.D
 Acq: 18 Jan 2019 22:51

Instrument :
 BNA_F
 ClientSampleId :
 RT-5124

Tot Ion:330 Resp: 641797
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 30.9 24.3 36.5

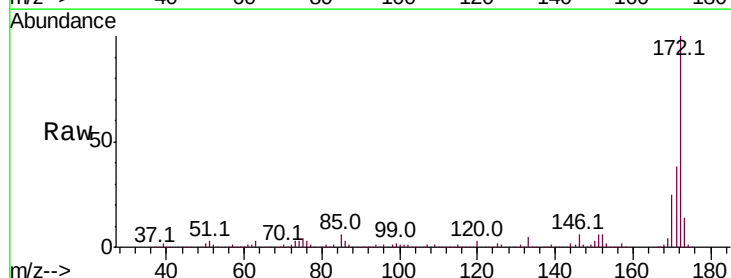


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

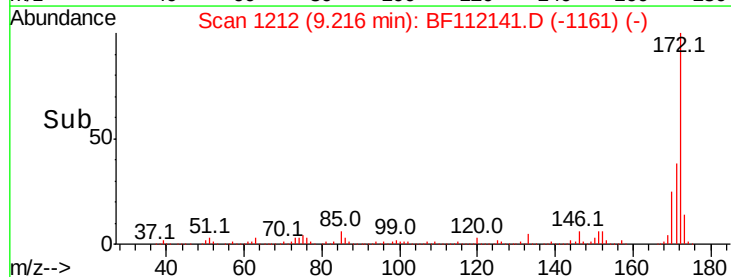
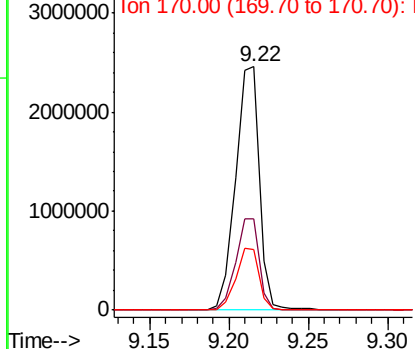


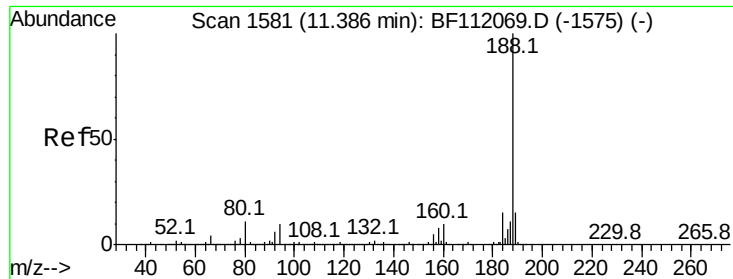
#45
 2-Fluorobiphenyl
 Concen: 70.679 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF112141.D
 Acq: 18 Jan 2019 22:51

Tgt Ion:172 Resp: 2562238
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.5 45.7
 170 25.0 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

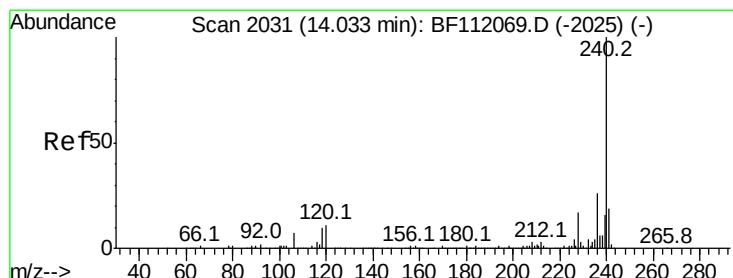
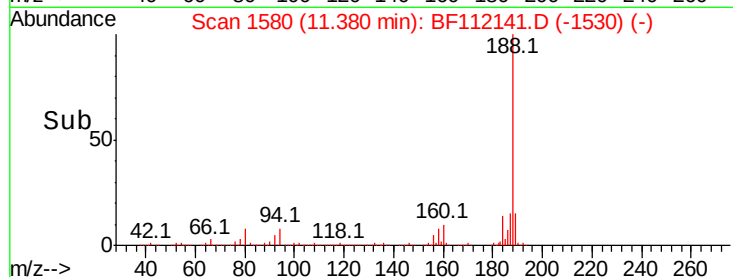
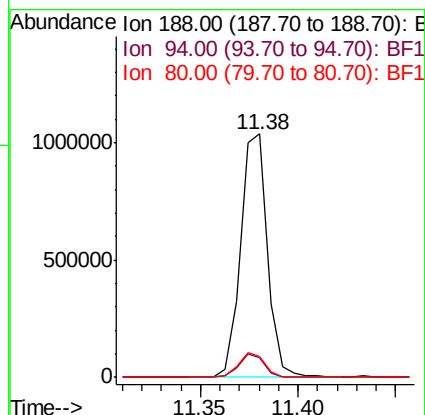
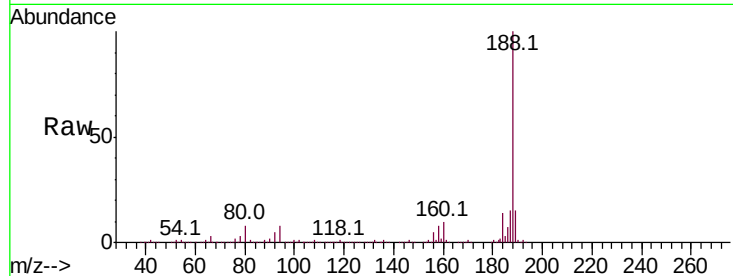




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112141.D
Acq: 18 Jan 2019 22:51

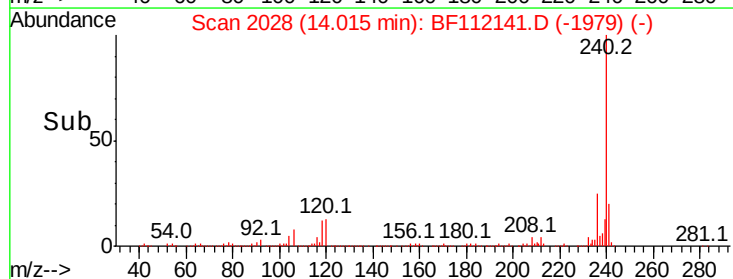
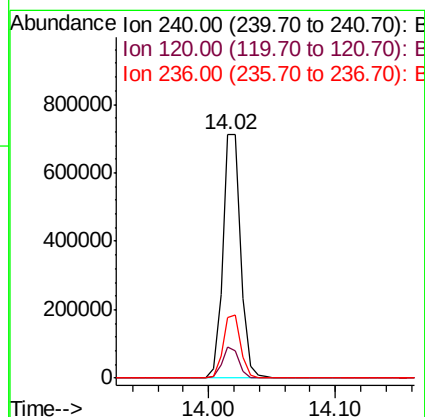
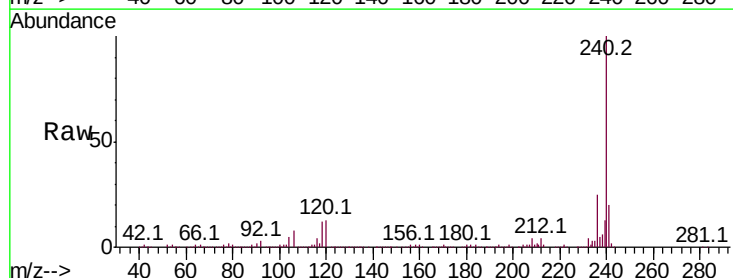
Instrument :
BNA_F
ClientSampled :
RT-5124

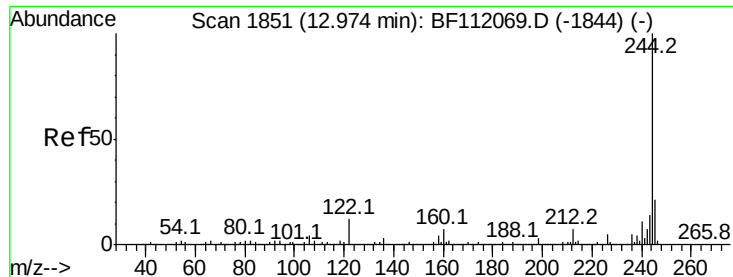
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.2
80	8.4	8.9	13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112141.D
Acq: 18 Jan 2019 22:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.0	13.6
236	25.0	20.7	31.1





#79

Terphenyl-d14

Concen: 78.796 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF112141.D

Acq: 18 Jan 2019 22:51

Instrument :

BNA_F

ClientSampleId :

RT-5124

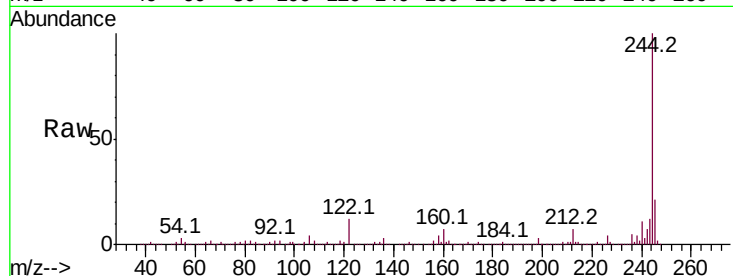
Tot Ion:244 Resp: 2603208

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

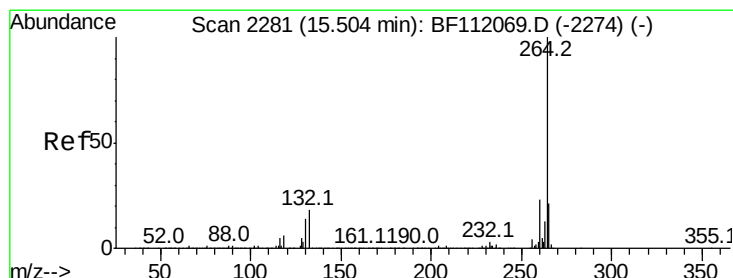
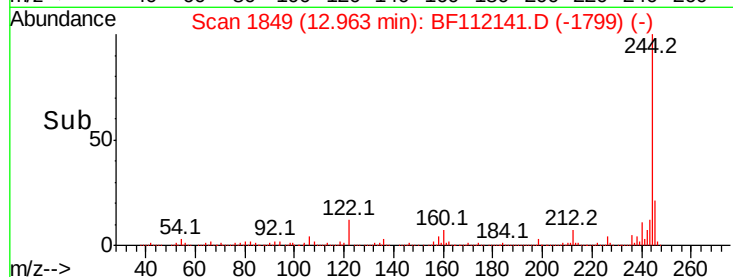
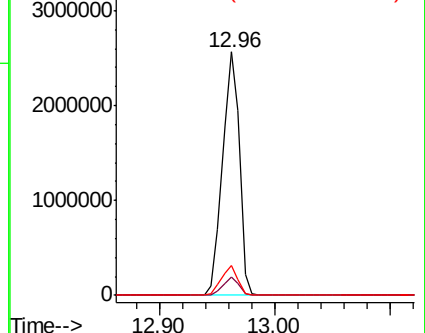
122 12.4 9.8 14.6



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: BF112141.D

Acq: 18 Jan 2019 22:51

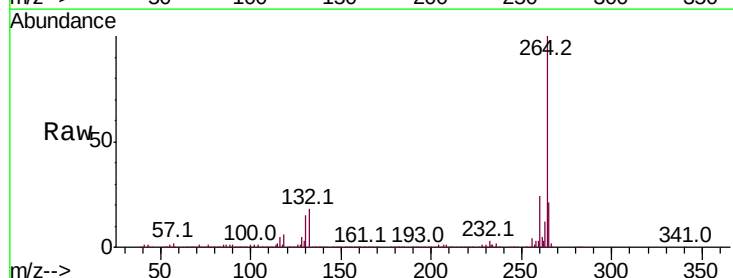
Tgt Ion:264 Resp: 693384

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.2

265 21.3 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

