

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114853.D
 Acq On : 6 Jun 2019 10:51
 Operator : HP/JU
 Sample : K3163-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-060419-B

Quant Time: Jun 07 00:11:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	469099	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1861195	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	964217	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1912200	20.00	ng	0.00
76) Chrysene-d12	13.80	240	1404510	20.00	ng	0.00
87) Perylene-d12	15.20	264	1348227	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2804535	104.47	ng	0.04
7) Phenol-d6	6.31	99	3124026	95.63	ng	0.00
23) Nitrobenzene-d5	7.23	82	2513249	83.12	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	1274233	122.63	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4716418	91.63	ng	0.00
79) Terphenyl-d14	12.76	244	4801395	66.48	ng	0.01

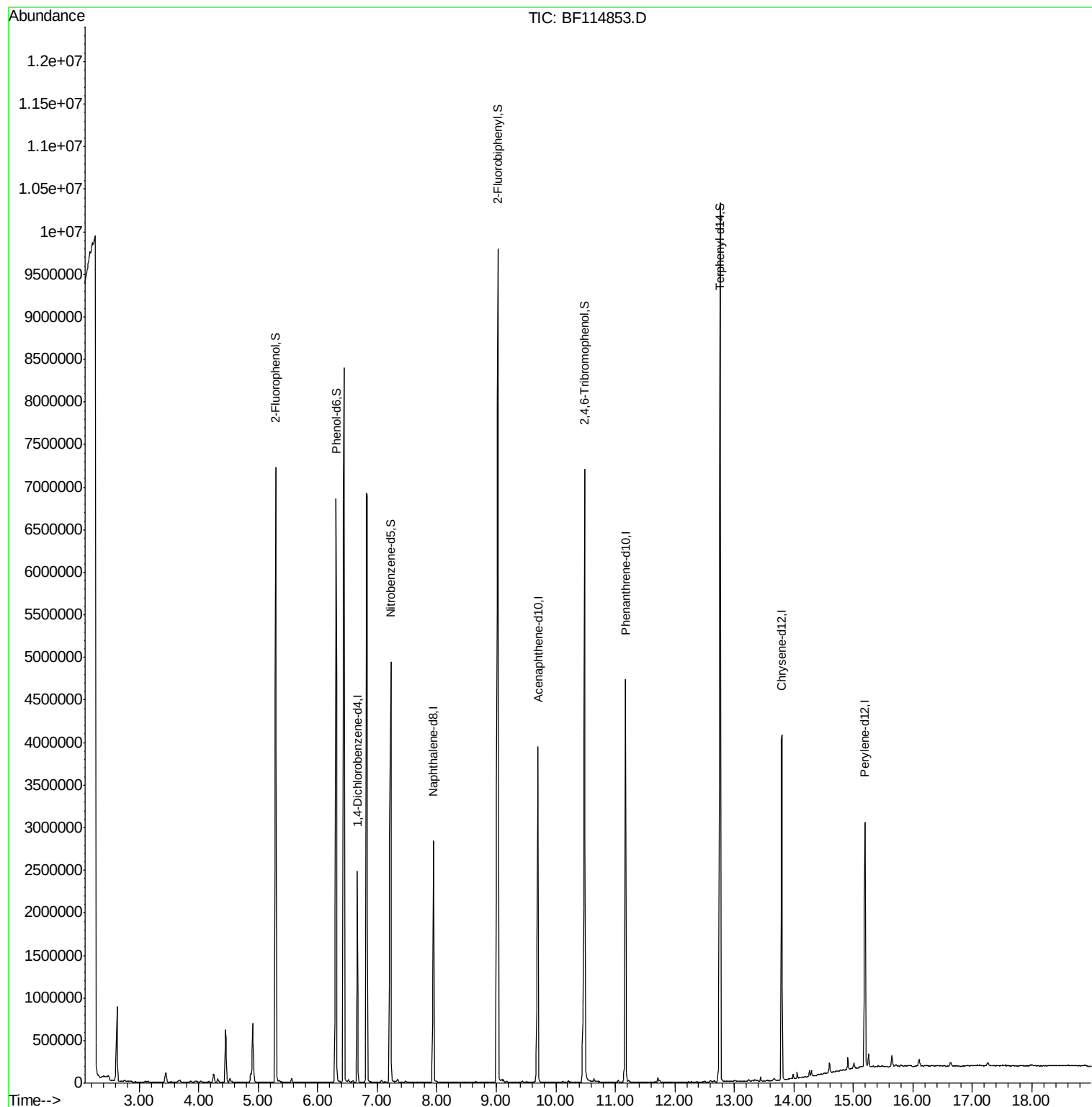
Target Compounds Qvalue

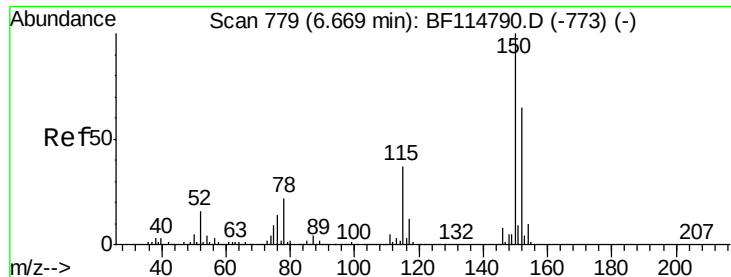
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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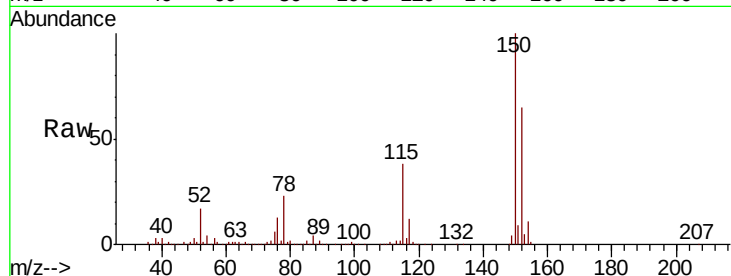


#1

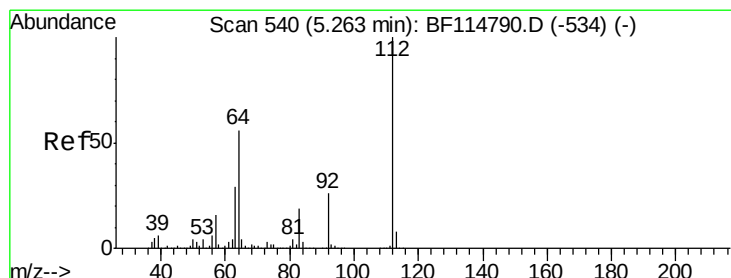
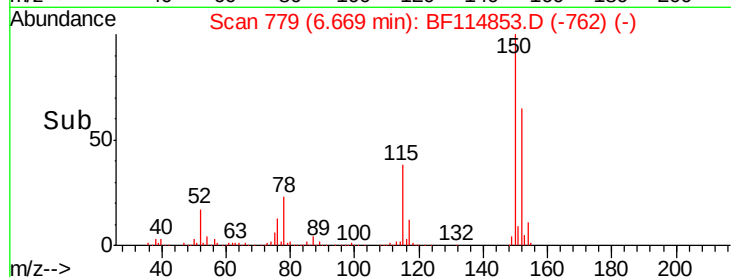
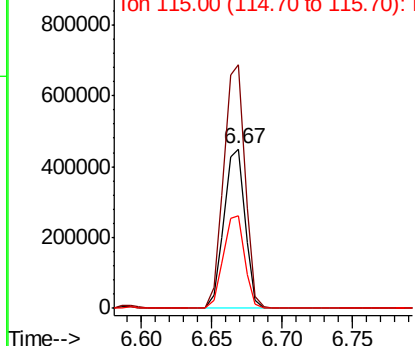
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114853.D
Acq: 6 Jun 2019 10:51

Instrument :
BNA_F
ClientSampleId :
SU-02-060419-B

Tot Ion:152 Resp: 469099
Ion Ratio Lower Upper
152 100
150 153.0 124.0 186.0
115 58.1 46.3 69.5



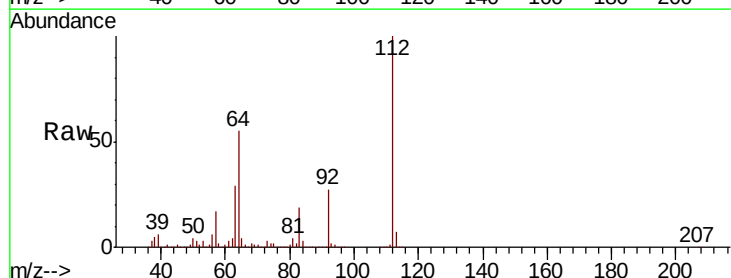
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



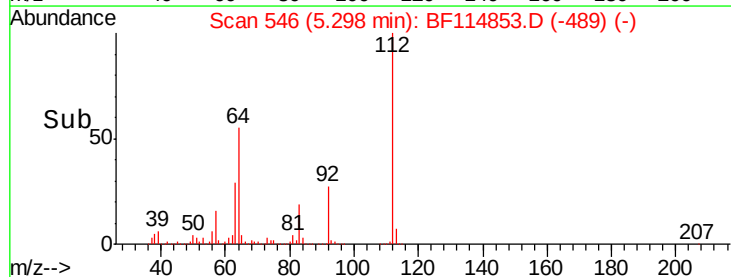
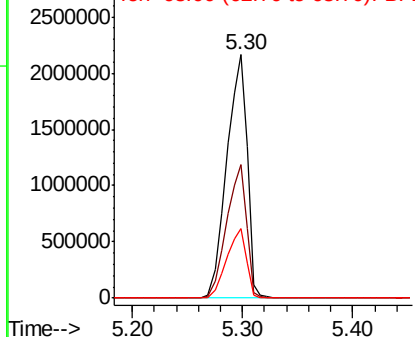
#5

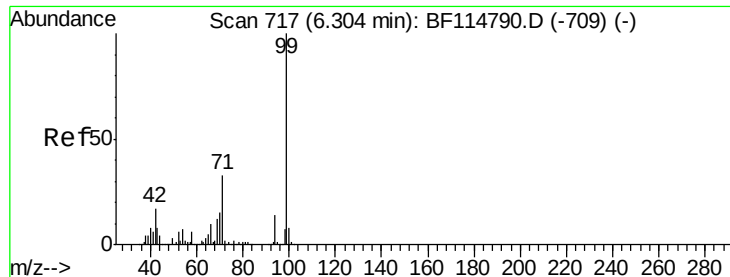
2-Fluorophenol
Concen: 104.466 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.04 min
Lab File: BF114853.D
Acq: 6 Jun 2019 10:51

Tgt Ion:112 Resp: 2804535
Ion Ratio Lower Upper
112 100
64 54.7 44.6 66.8
63 28.5 23.0 34.4



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: 95.634 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114853.D

Acq: 6 Jun 2019 10:51

Instrument :

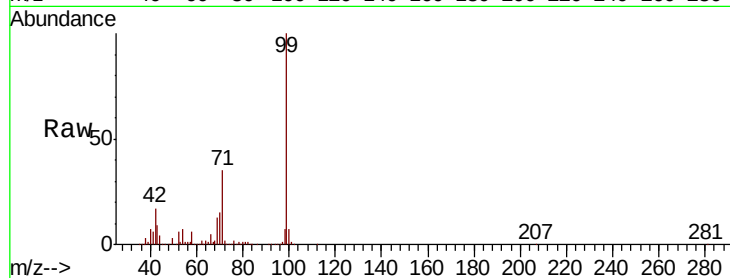
BNA_F

ClientSampleId :

SU-02-060419-B

Tot Ion: 99 Resp: 3124026

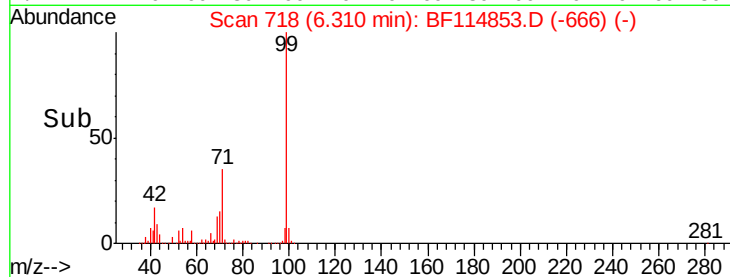
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.3	19.9
71	34.9	26.3	39.5



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: 7.95 min Scan# 996

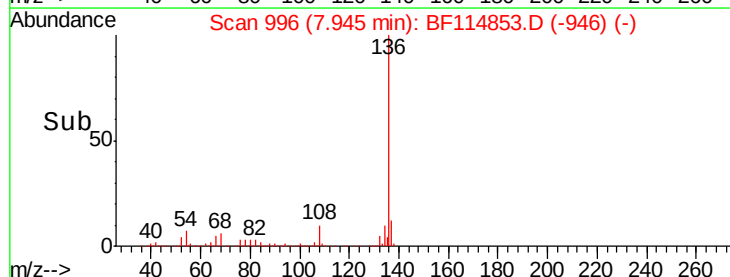
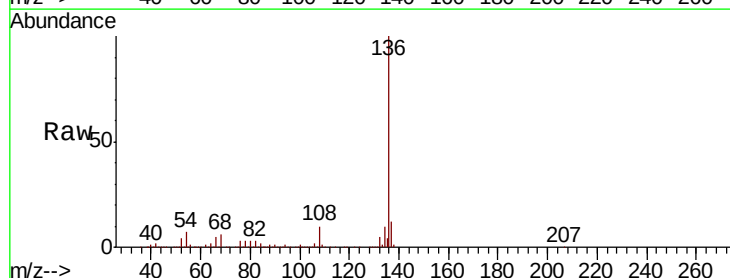
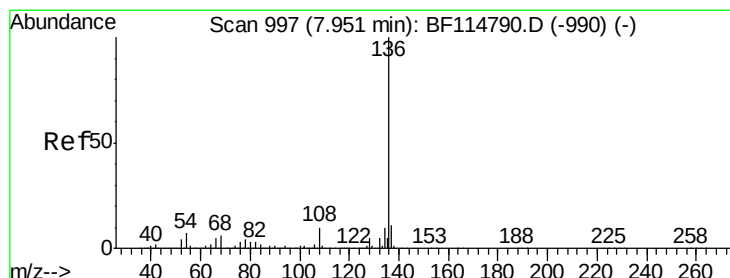
Delta R.T. -0.01 min

Lab File: BF114853.D

Acq: 6 Jun 2019 10:51

Tgt Ion: 136 Resp: 1861195

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	7.3	5.4	8.0
68	6.3	4.6	6.8

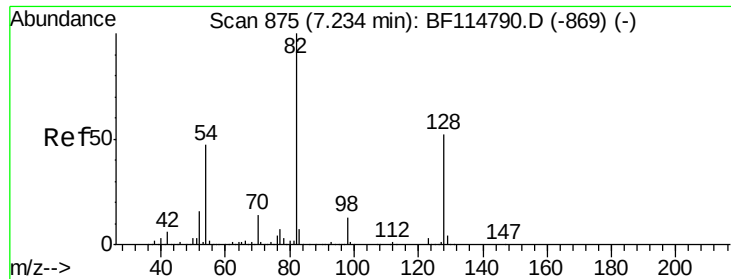


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

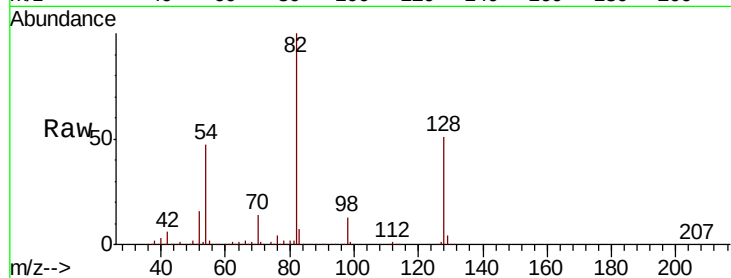
Ion 68.00 (67.70 to 68.70): BF1



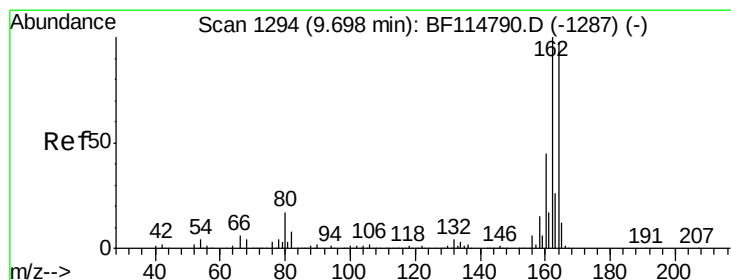
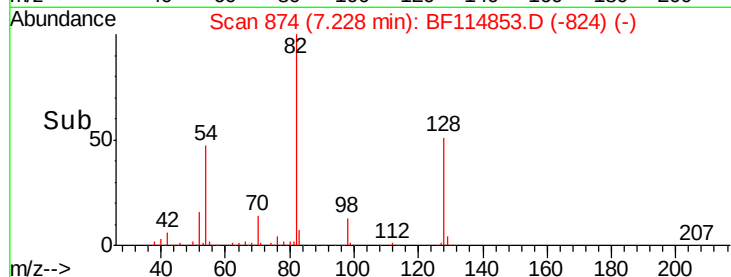
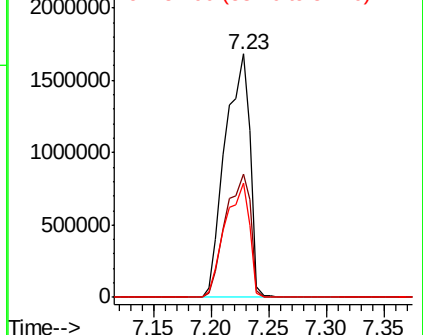
#23
Nitrobenzene-d5
Concen: 83.125 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114853.D
Acq: 6 Jun 2019 10:51

Instrument :
BNA_F
ClientSampleId :
SU-02-060419-B

Tot Ion: 82 Resp: 2513249
Ion Ratio Lower Upper
82 100
128 50.8 41.8 62.6
54 46.9 37.9 56.9

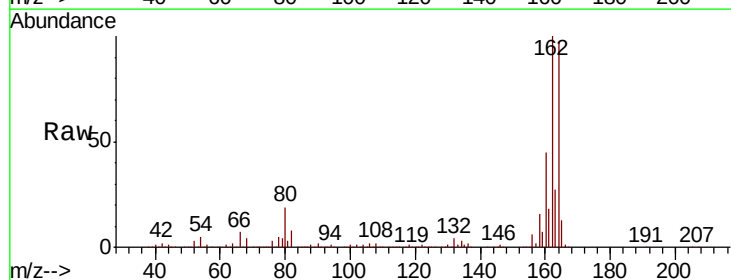


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

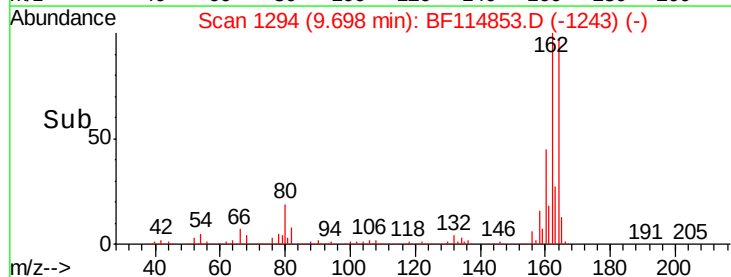
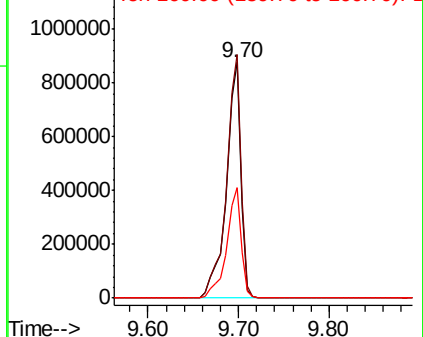


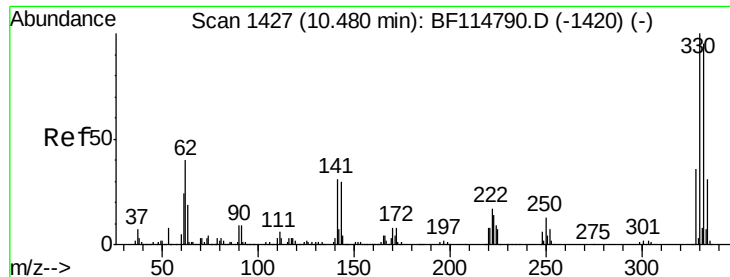
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF114853.D
Acq: 6 Jun 2019 10:51

Tgt Ion:164 Resp: 964217
Ion Ratio Lower Upper
164 100
162 103.5 82.3 123.5
160 46.9 36.7 55.1



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

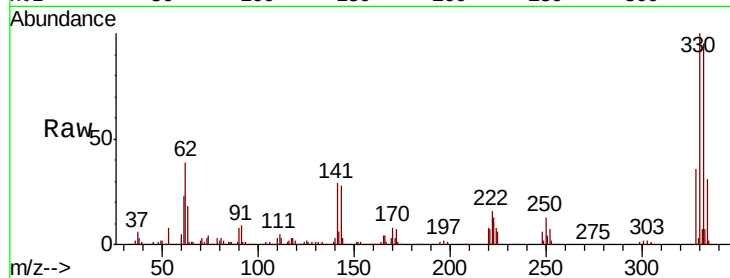




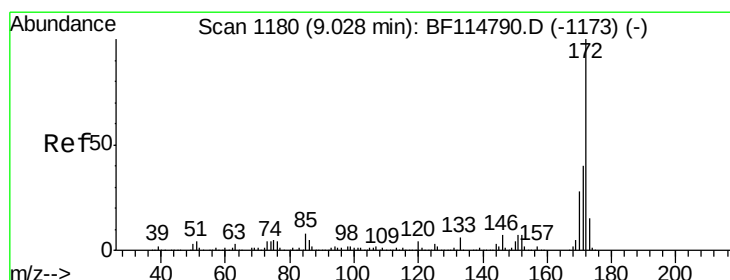
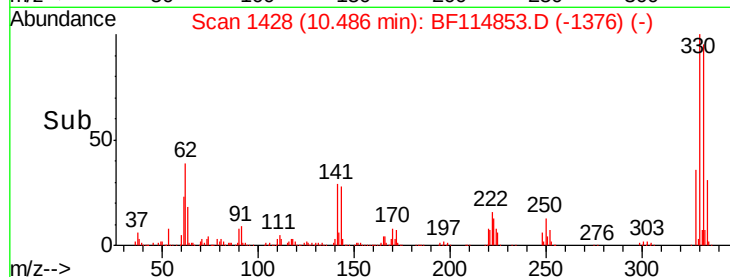
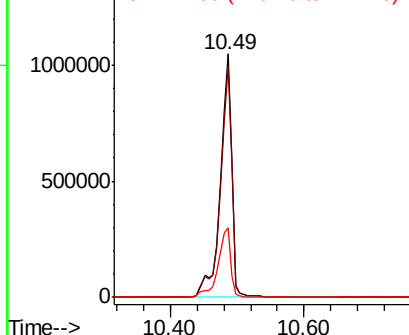
#42
 2,4,6-Tribromophenol
 Concen: 122.629 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF114853.D
 Acq: 6 Jun 2019 10:51

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-060419-B

Tot Ion:330 Resp: 1274233
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 31.4 26.2 39.4

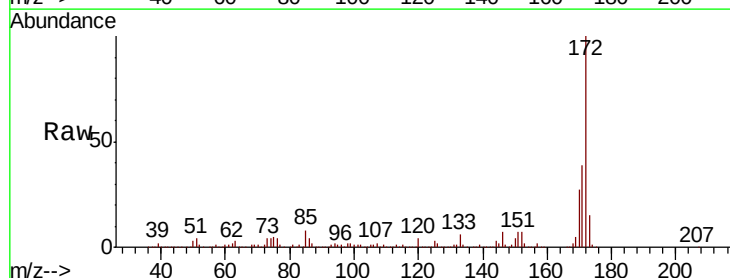


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

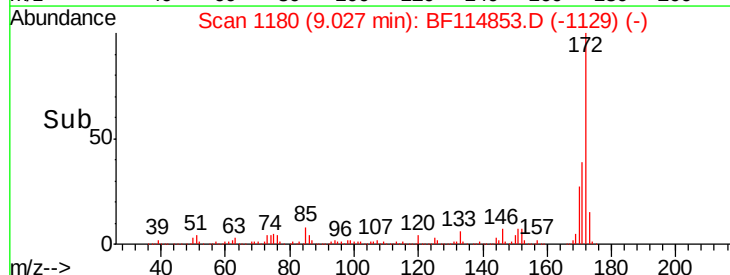
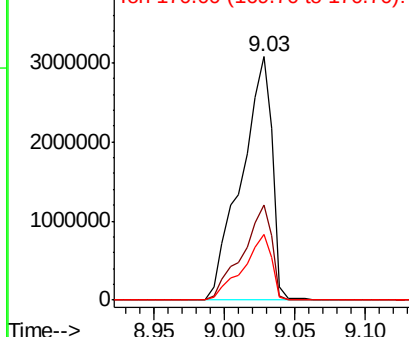


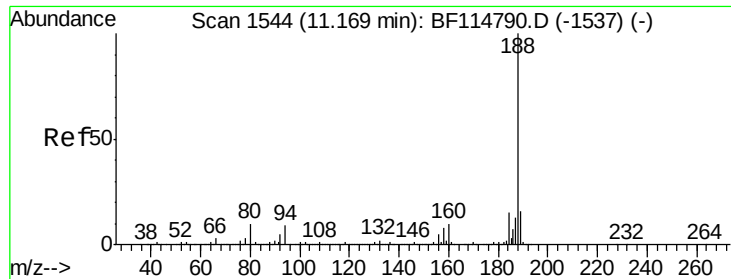
#45
 2-Fluorobiphenyl
 Concen: 91.630 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF114853.D
 Acq: 6 Jun 2019 10:51

Tgt Ion:172 Resp: 4716418
 Ion Ratio Lower Upper
 172 100
 171 39.0 32.3 48.5
 170 27.2 22.4 33.6



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

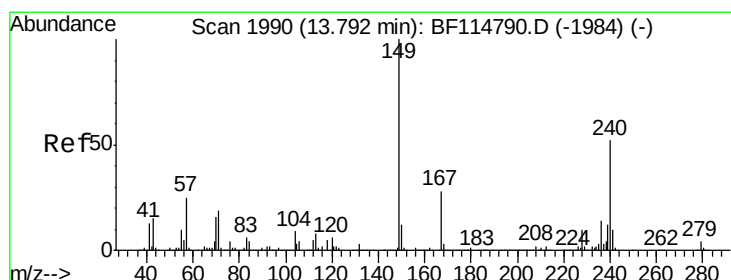
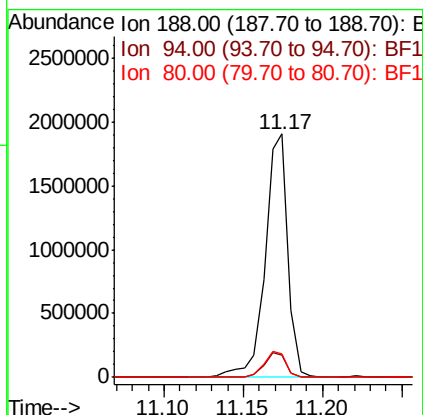
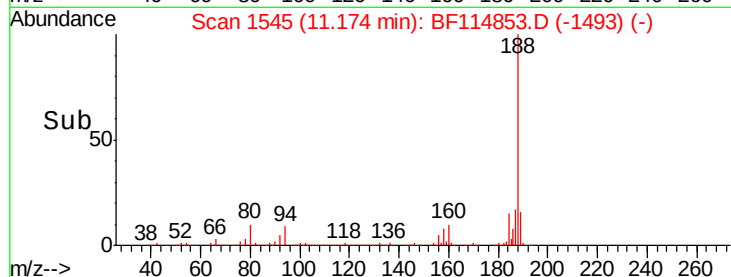
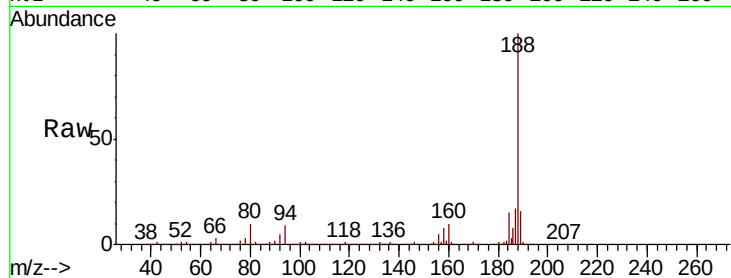




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114853.D
Acq: 6 Jun 2019 10:51

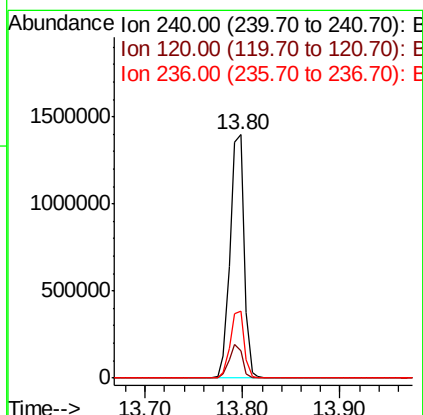
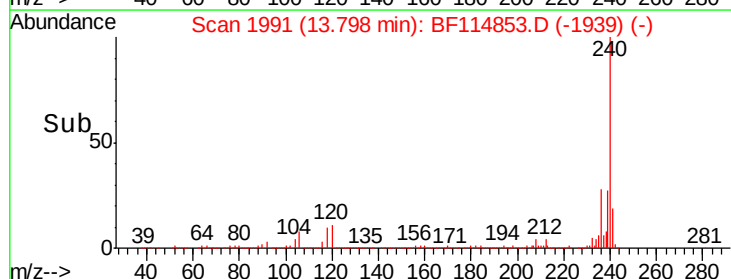
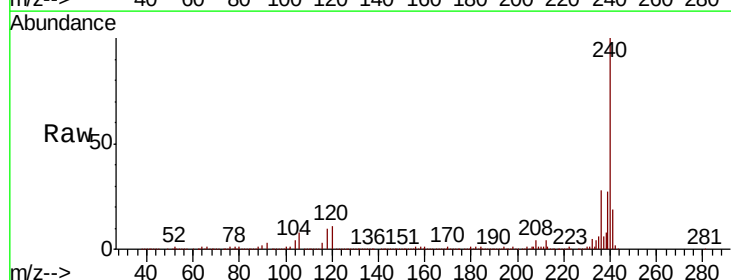
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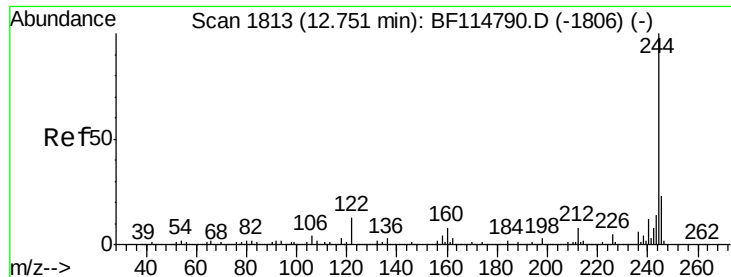
Tot Ion:188 Resp: 1912200
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 9.6 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BF114853.D
Acq: 6 Jun 2019 10:51

Tgt Ion:240 Resp: 1404510
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.4
236 27.6 21.4 32.0

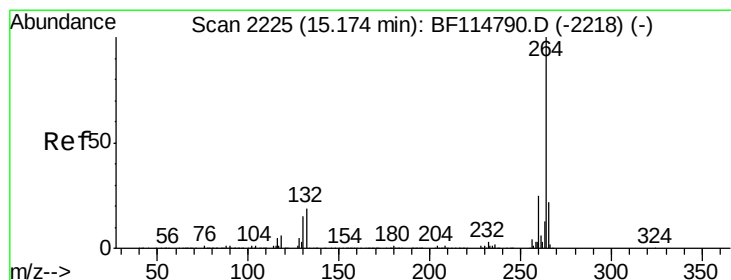
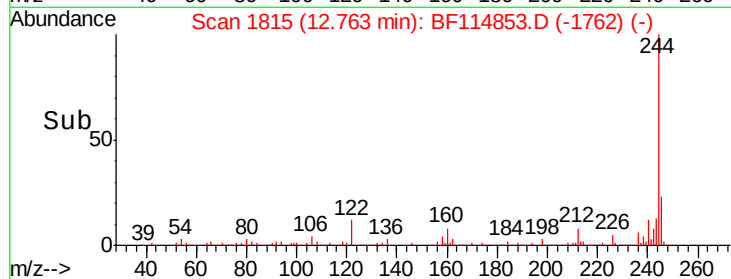
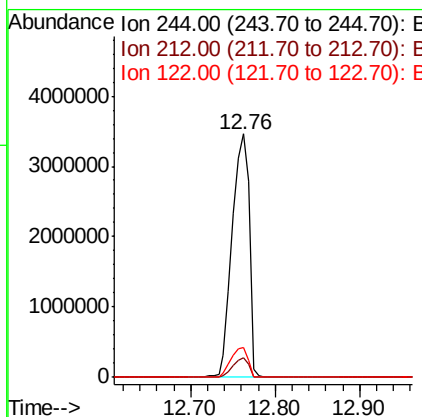
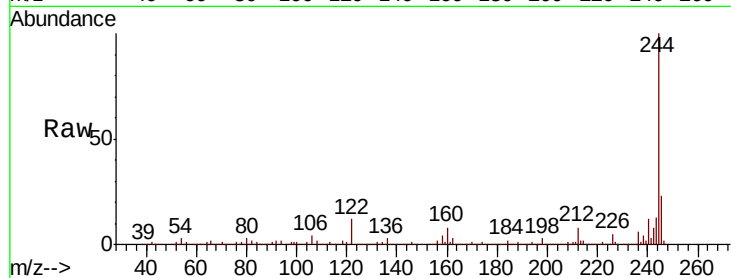




#79
 Terphenyl-d14
 Concen: 66.483 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. 0.01 min
 Lab File: BF114853.D
 Acq: 6 Jun 2019 10:51

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-060419-B

Tot Ion:244 Resp: 4801395
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 12.3 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2229
 Delta R.T. 0.02 min
 Lab File: BF114853.D
 Acq: 6 Jun 2019 10:51

Tgt Ion:264 Resp: 1348227
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.1 30.1
 265 22.1 17.7 26.5

