

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114854.D
 Acq On : 6 Jun 2019 11:17
 Operator : HP/JU
 Sample : K3163-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jun 07 00:14:11 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	471406	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1876685	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	994867	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1958322	20.00	ng	0.00
76) Chrysene-d12	13.80	240	1460621	20.00	ng	0.00
87) Perylene-d12	15.19	264	1369591	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2721499	100.88	ng	0.04
7) Phenol-d6	6.32	99	2978563	90.73	ng	0.01
23) Nitrobenzene-d5	7.23	82	2347267	76.99	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	1238874	115.55	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4320085	81.34	ng	0.00
79) Terphenyl-d14	12.76	244	4786010	63.72	ng	0.01

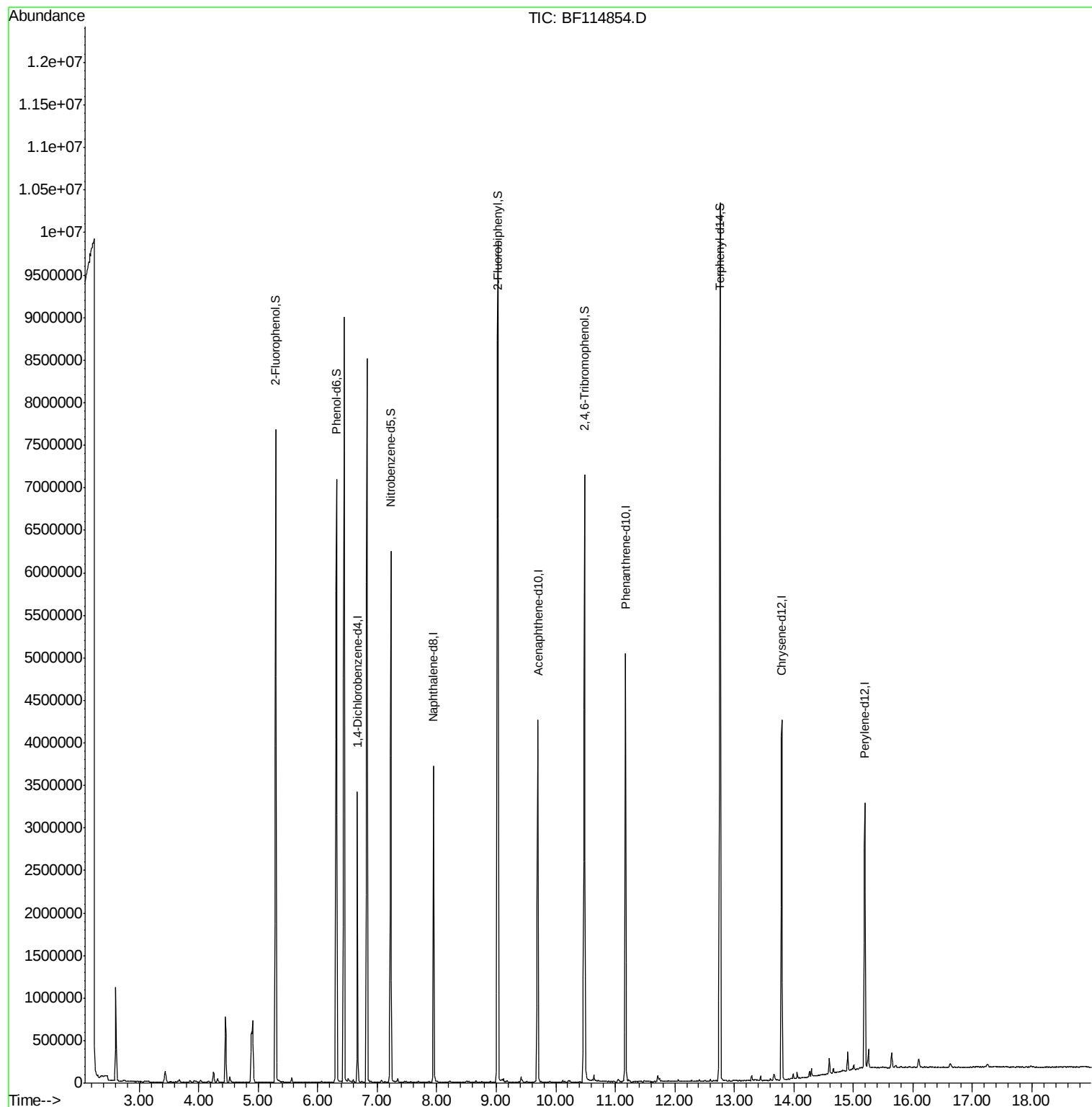
Target Compounds Qvalue

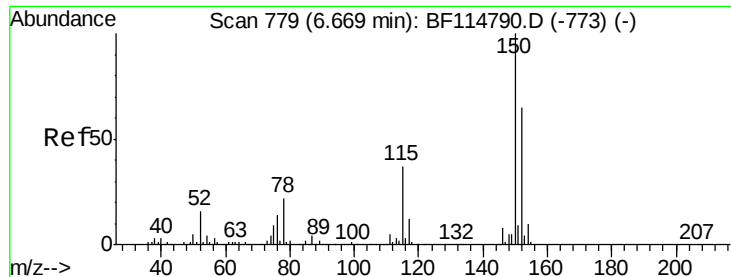
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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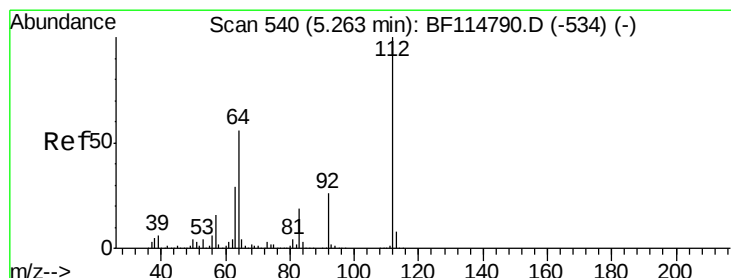
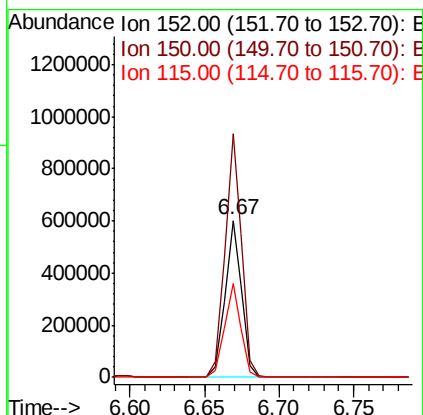
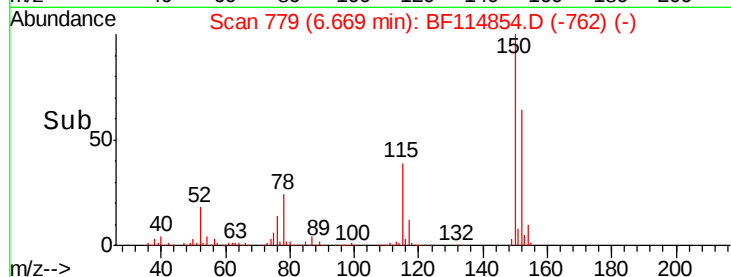
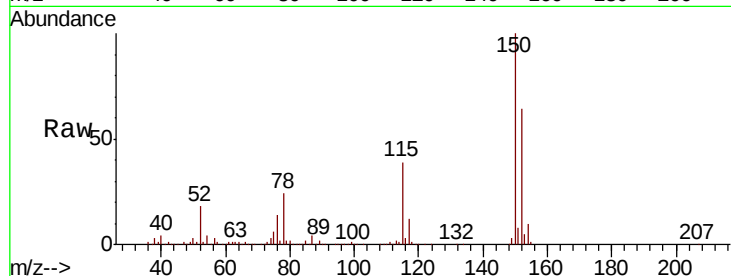


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114854.D
Acq: 6 Jun 2019 11:17

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

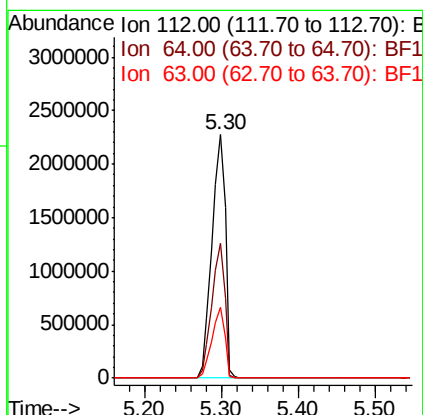
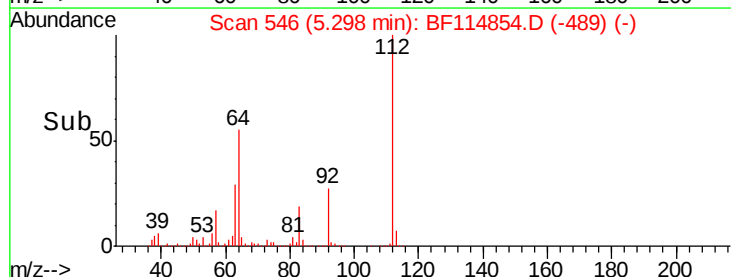
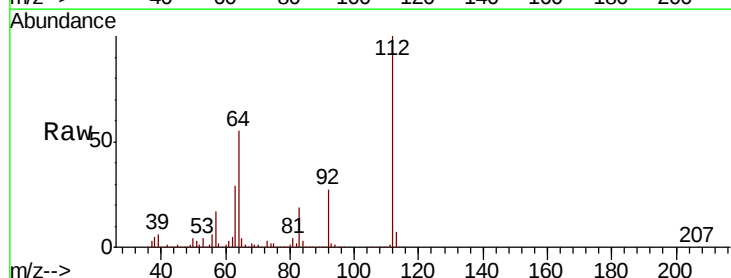
Tot Ion:152 Resp: 471406
Ion Ratio Lower Upper
152 100
150 155.5 124.0 186.0
115 60.3 46.3 69.5

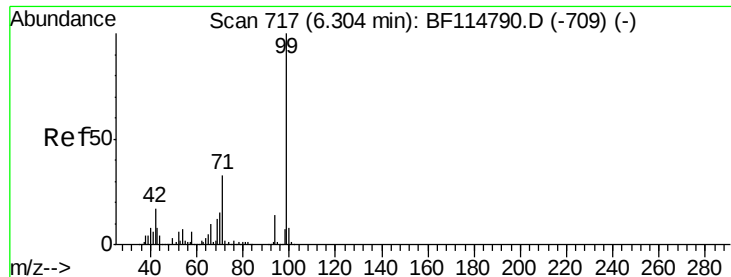


#5

2-Fluorophenol
Concen: 100.877 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.04 min
Lab File: BF114854.D
Acq: 6 Jun 2019 11:17

Tgt Ion:112 Resp: 2721499
Ion Ratio Lower Upper
112 100
64 55.4 44.6 66.8
63 28.9 23.0 34.4





#7

Phenol-d6

Concen: 90.734 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114854.D

Acq: 6 Jun 2019 11:17

Instrument :

BNA_F

ClientSampleId :

SU-02-060419-A

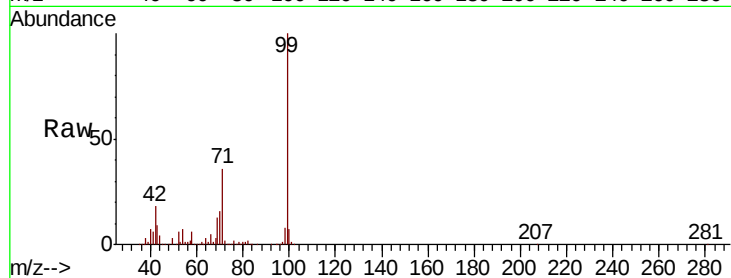
Tot Ion: 99 Resp: 2978563

Ion Ratio Lower Upper

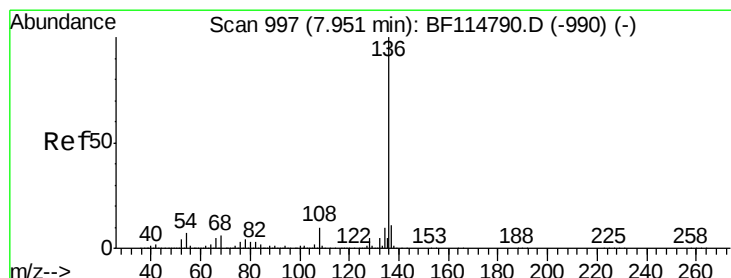
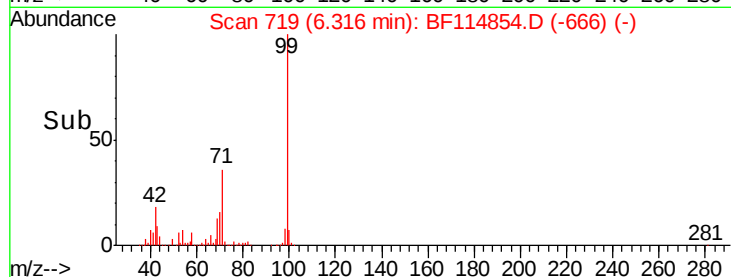
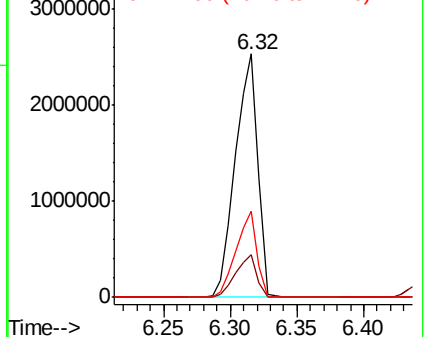
99 100

42 17.5 13.3 19.9

71 35.6 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: BF114854.D

Acq: 6 Jun 2019 11:17

Tgt Ion: 136 Resp: 1876685

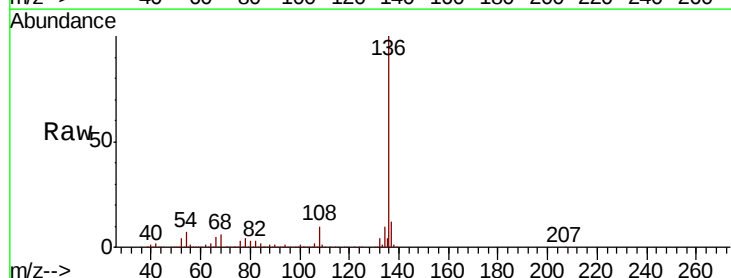
Ion Ratio Lower Upper

136 100

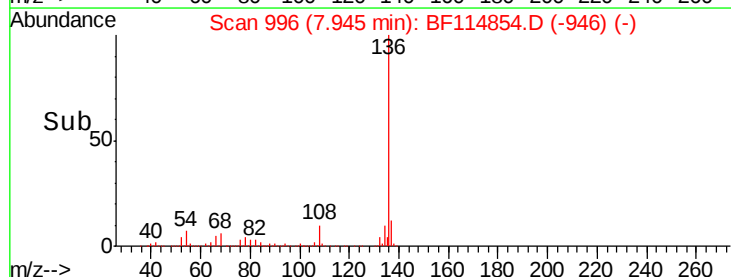
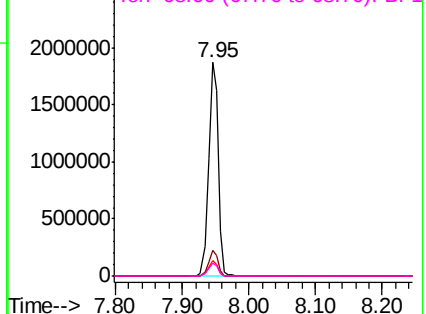
137 11.7 9.1 13.7

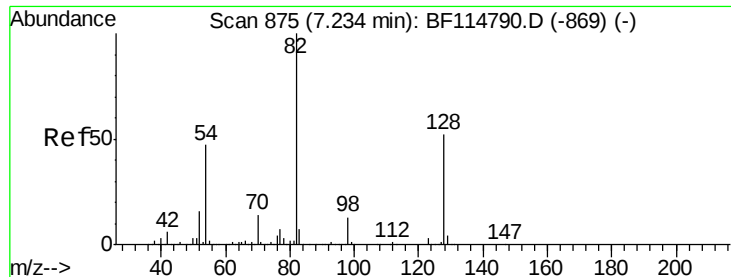
54 7.3 5.4 8.0

68 6.2 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



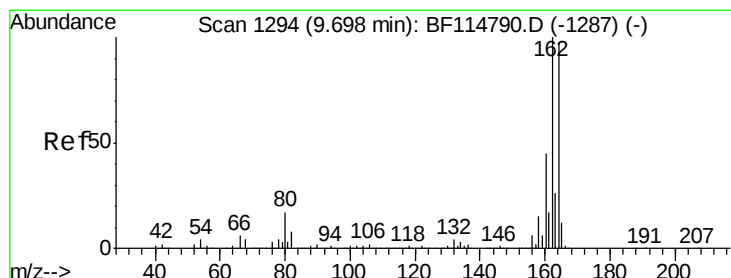
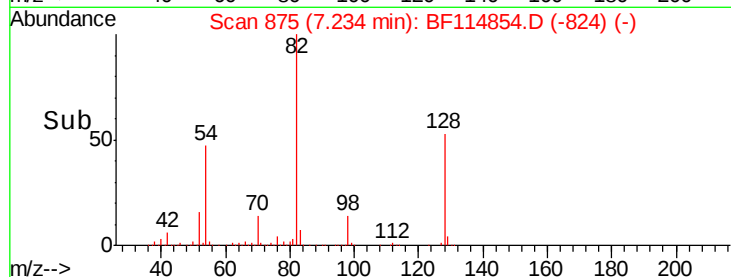
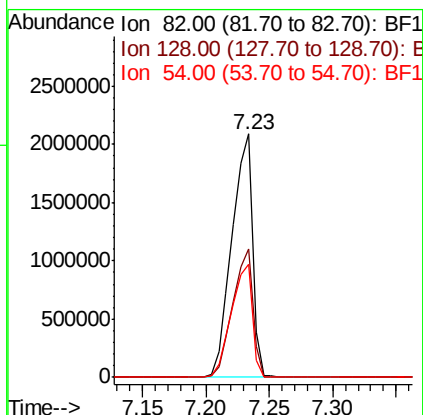
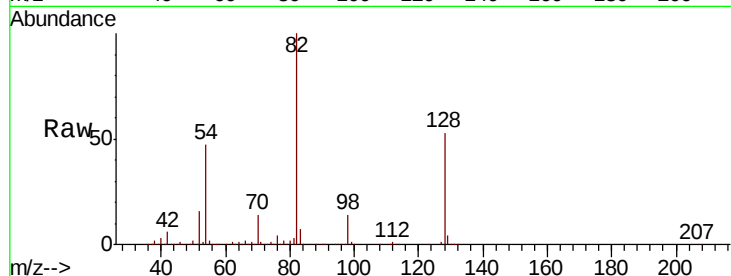


#23
 Nitrobenzene-d5
 Concen: 76.994 ng
 RT: 7.23 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BF114854.D
 Acq: 6 Jun 2019 11:17

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

Tot Ion: 82 Resp: 2347267

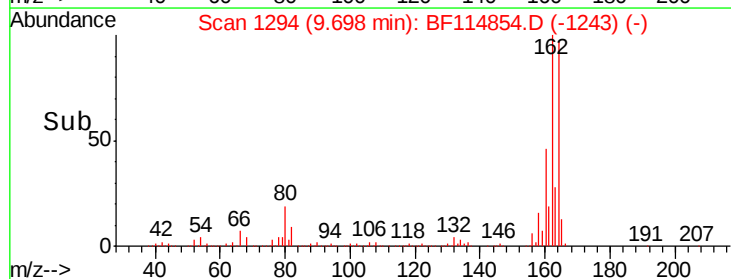
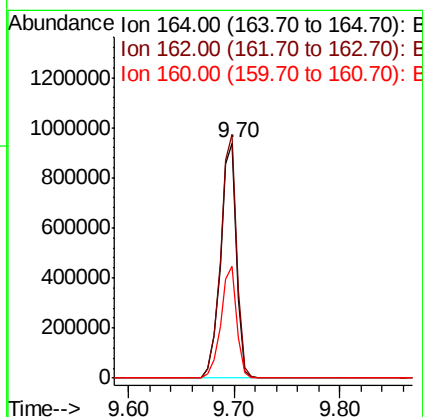
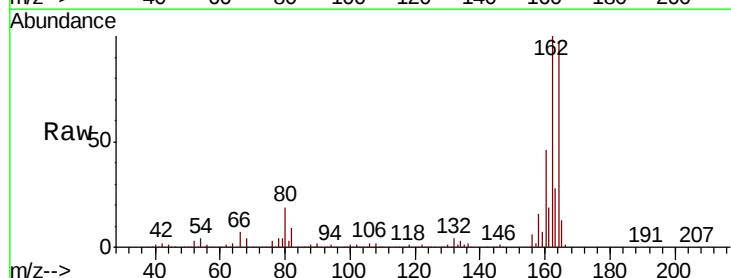
Ion	Ratio	Lower	Upper
82	100		
128	52.9	41.8	62.6
54	46.6	37.9	56.9

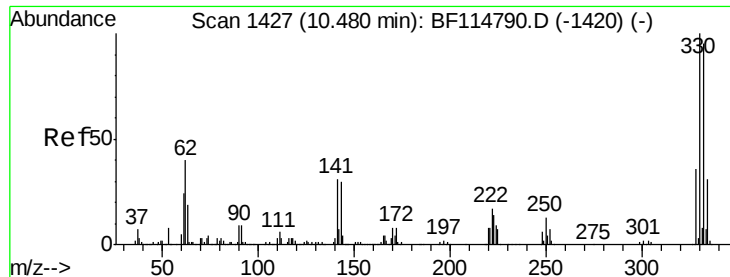


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF114854.D
 Acq: 6 Jun 2019 11:17

Tgt Ion:164 Resp: 994867

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.3	123.5
160	47.5	36.7	55.1

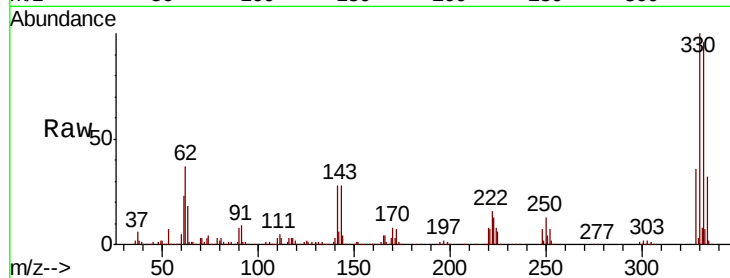




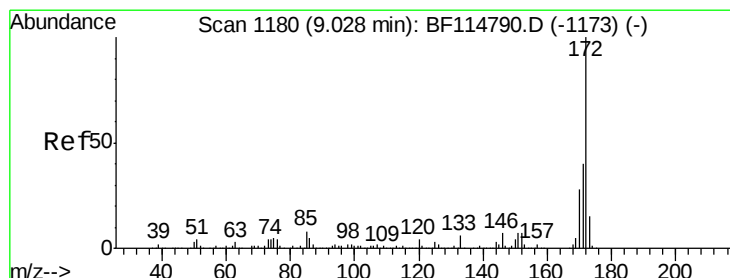
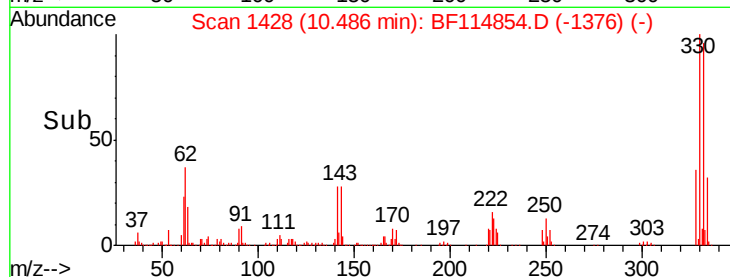
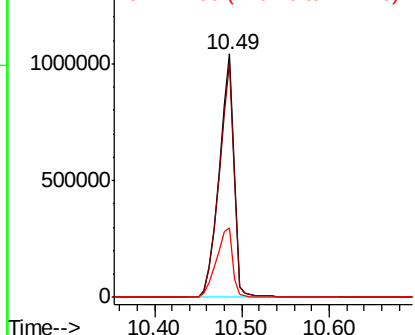
#42
 2,4,6-Tribromophenol
 Concen: 115.553 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF114854.D
 Acq: 6 Jun 2019 11:17

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

Tot Ion:330 Resp: 1238874
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 31.5 26.2 39.4

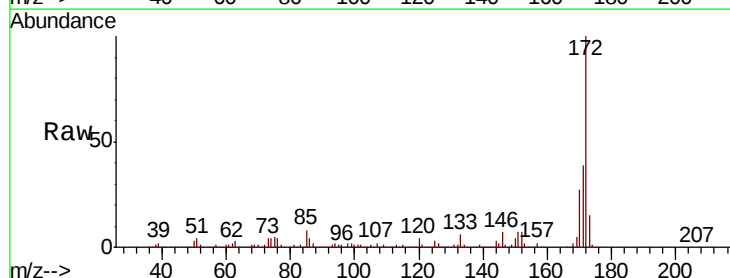


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

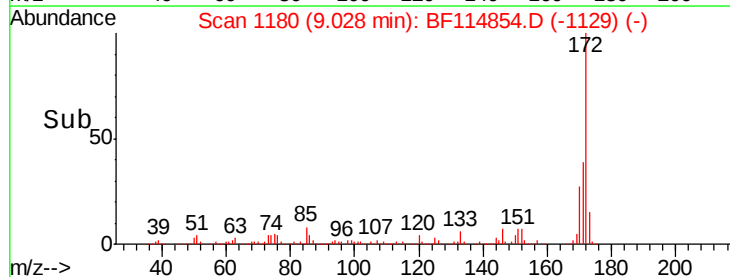
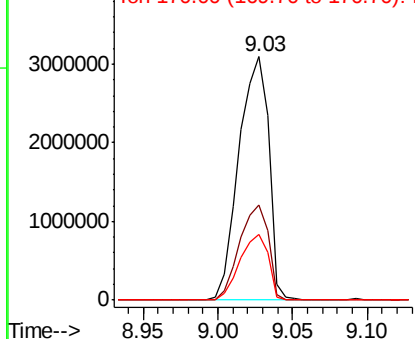


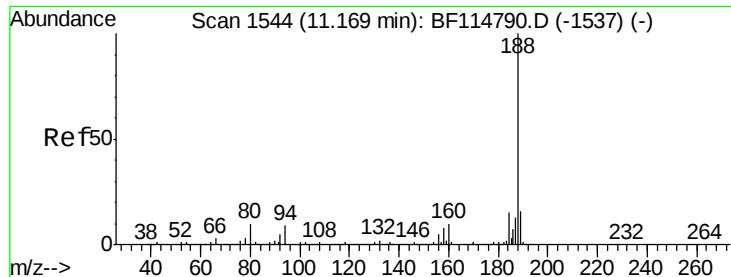
#45
 2-Fluorobiphenyl
 Concen: 81.345 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF114854.D
 Acq: 6 Jun 2019 11:17

Tgt Ion:172 Resp: 4320085
 Ion Ratio Lower Upper
 172 100
 171 39.1 32.3 48.5
 170 27.0 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

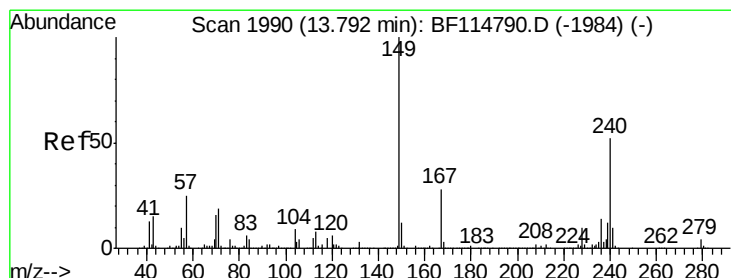
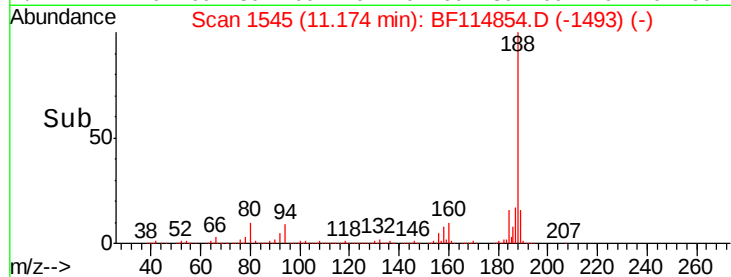
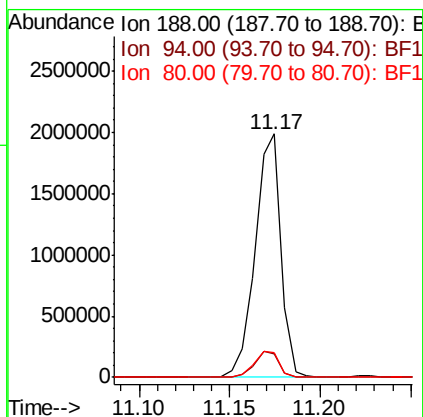
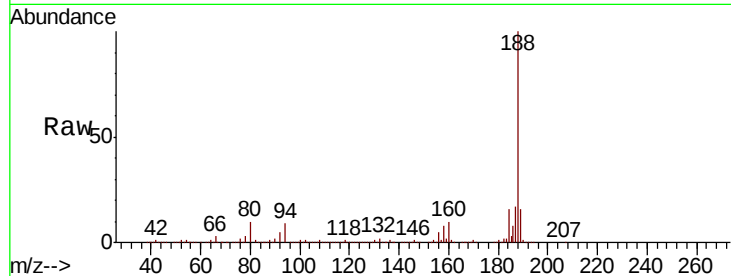




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114854.D
Acq: 6 Jun 2019 11:17

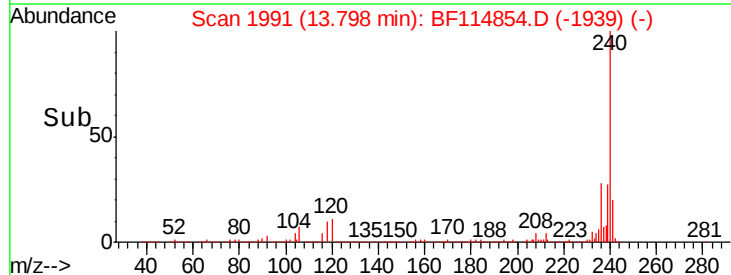
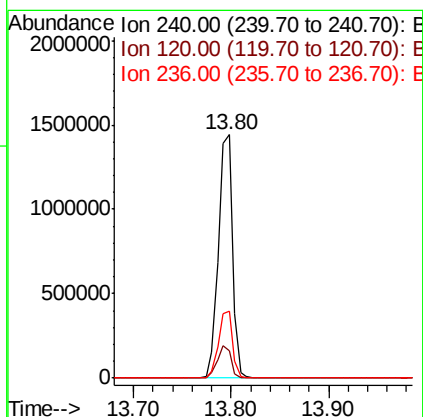
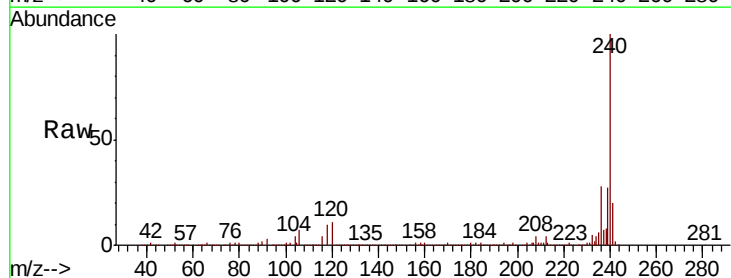
Instrument :
BNA_F
ClientSampleId :
SU-02-060419-A

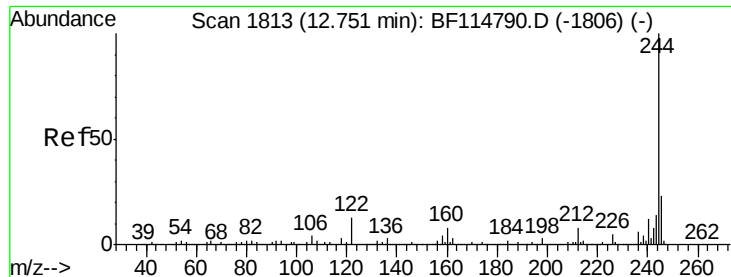
Tot Ion:188 Resp: 1958322
Ion Ratio Lower Upper
188 100
94 9.4 7.6 11.4
80 10.0 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BF114854.D
Acq: 6 Jun 2019 11:17

Tgt Ion:240 Resp: 1460621
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.4
236 27.6 21.4 32.0





#79

Terphenyl-d14

Concen: 63.724 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF114854.D

Acq: 6 Jun 2019 11:17

Instrument :

BNA_F

ClientSampleId :

SU-02-060419-A

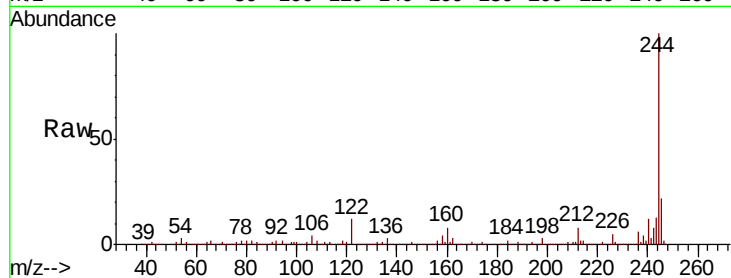
Tot Ion:244 Resp: 4786010

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

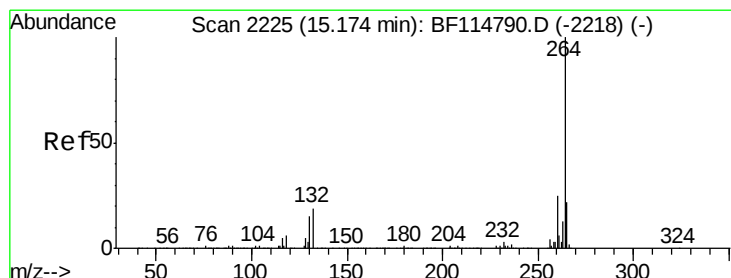
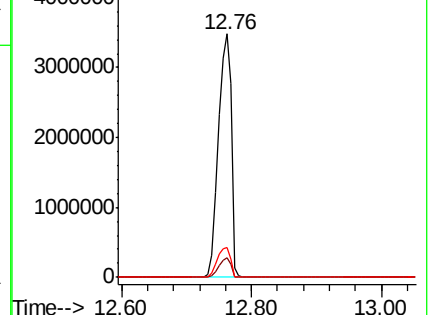
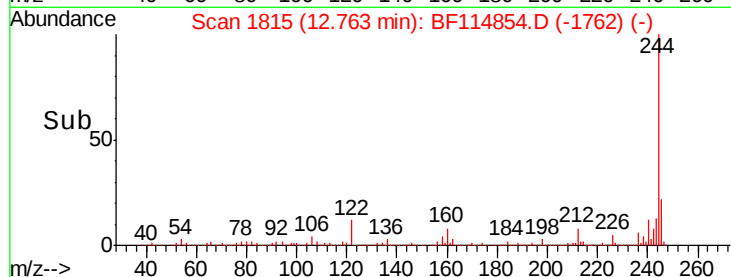
122 12.2 10.5 15.7



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: 15.19 min Scan# 2228

Delta R.T. 0.02 min

Lab File: BF114854.D

Acq: 6 Jun 2019 11:17

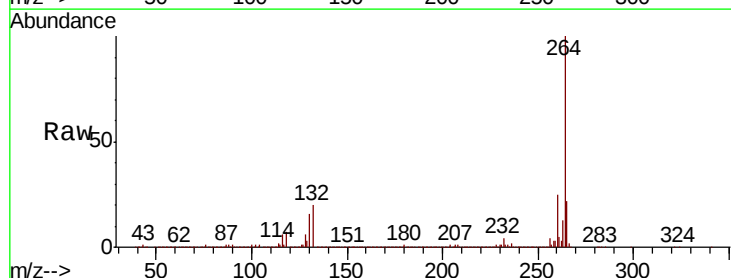
Tgt Ion:264 Resp: 1369591

Ion Ratio Lower Upper

264 100

260 25.3 20.1 30.1

265 22.2 17.7 26.5



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

