

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
 Data File : BF115998.D
 Acq On : 5 Aug 2019 23:34
 Operator : HP/JU
 Sample : K4095-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-080219-A

Quant Time: Aug 06 05:20:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	149207	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	556265	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	294088	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	503878	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	309996	20.00	ng	-0.02
87) Perylene-d12	15.46	264	346044	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1042181	116.93	ng	0.01
7) Phenol-d6	6.48	99	1221376	108.61	ng	0.00
23) Nitrobenzene-d5	7.40	82	978382	101.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	410494	143.97	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1641302	104.54	ng	-0.02
79) Terphenyl-d14	12.95	244	1744025	118.55	ng	-0.02

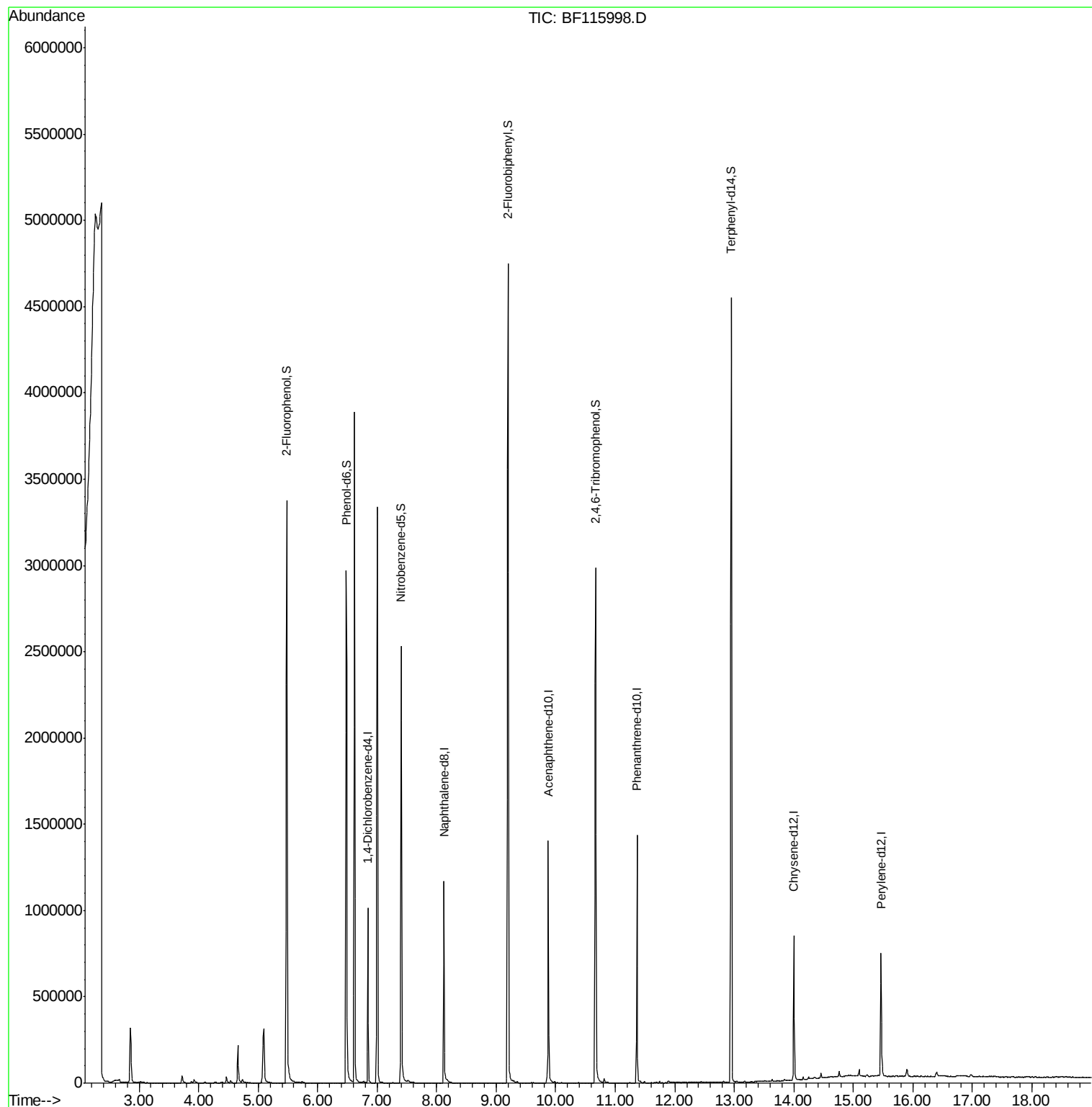
Target Compounds Qvalue

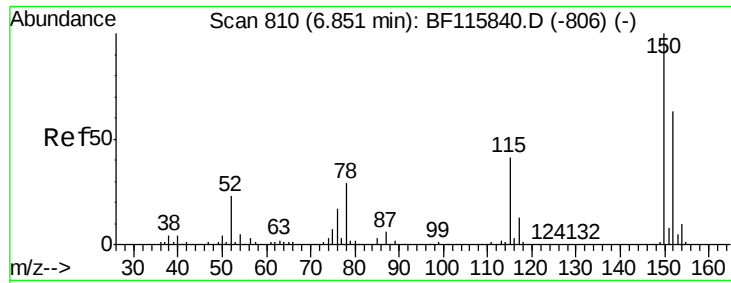
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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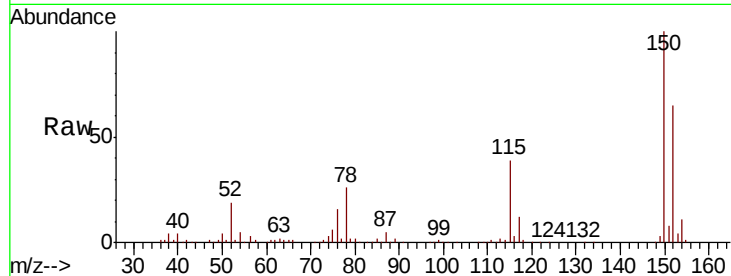


#1

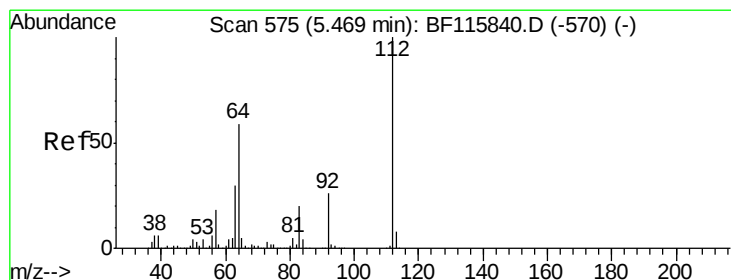
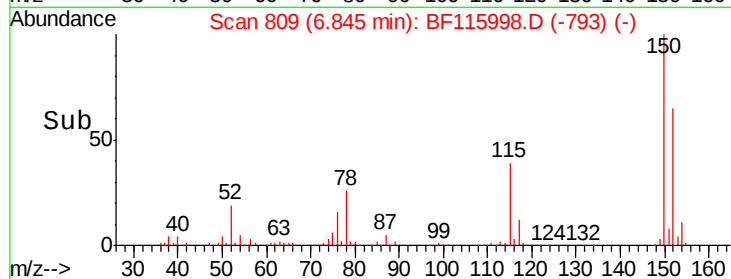
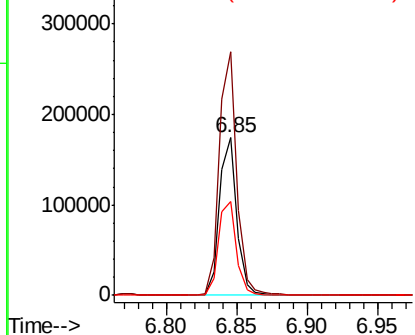
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF115998.D
 Acq: 5 Aug 2019 23:34

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-080219-A

Tot Ion:152 Resp: 149207
 Ion Ratio Lower Upper
 152 100
 150 154.8 127.4 191.0
 115 59.9 51.8 77.8



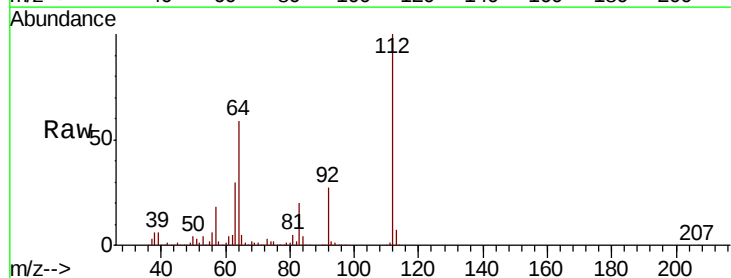
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



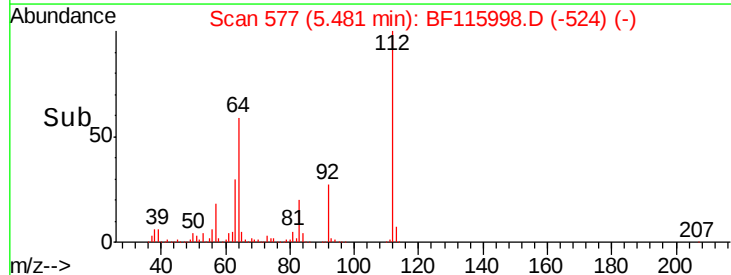
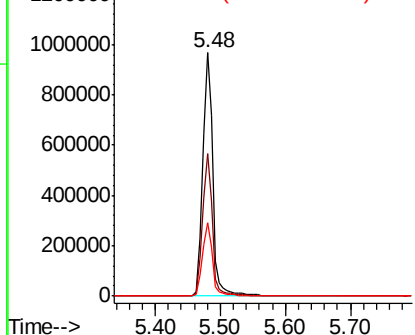
#5

2-Fluorophenol
 Concen: 116.930 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF115998.D
 Acq: 5 Aug 2019 23:34

Tgt Ion:112 Resp: 1042181
 Ion Ratio Lower Upper
 112 100
 64 58.7 46.8 70.2
 63 30.4 24.2 36.2



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: 108.613 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115998.D

Acq: 5 Aug 2019 23:34

Instrument :

BNA_F

ClientSampleId :

SU-02-080219-A

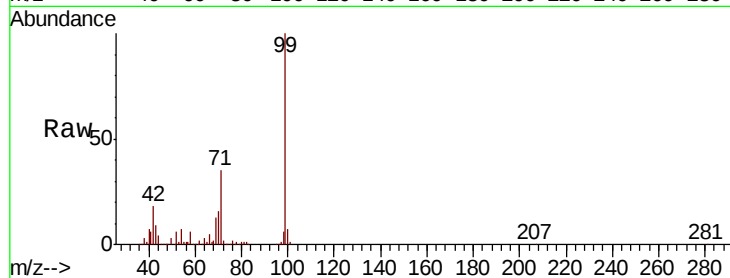
Tot Ion: 99 Resp: 1221376

Ion Ratio Lower Upper

99 100

42 17.8 13.8 20.6

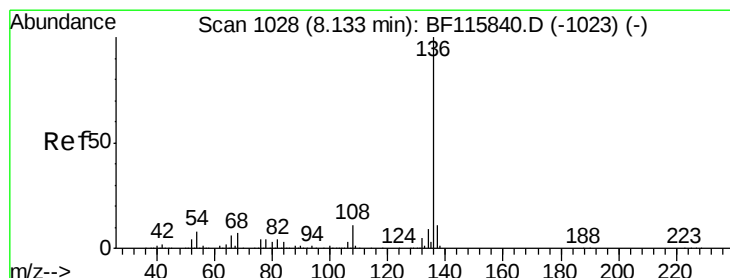
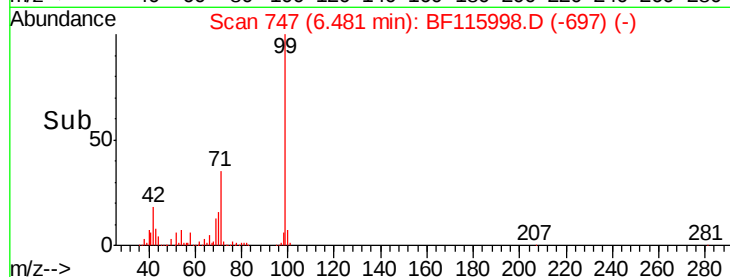
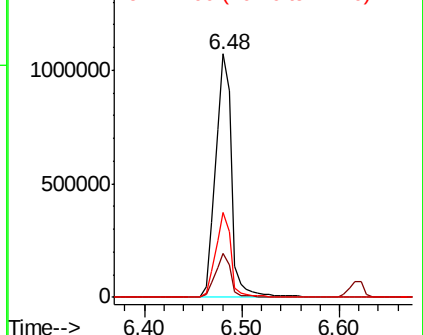
71 34.8 27.1 40.7



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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF115998.D

Acq: 5 Aug 2019 23:34

Tgt Ion: 136 Resp: 556265

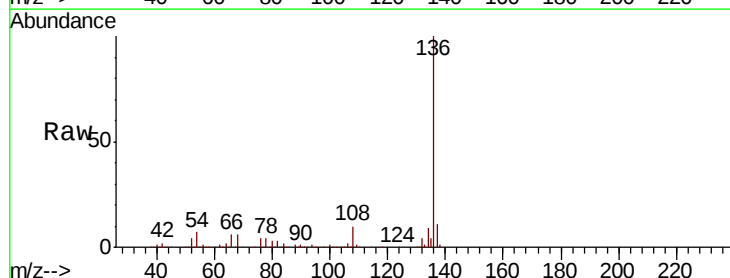
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.1 6.1 9.1

68 5.8 5.4 8.2

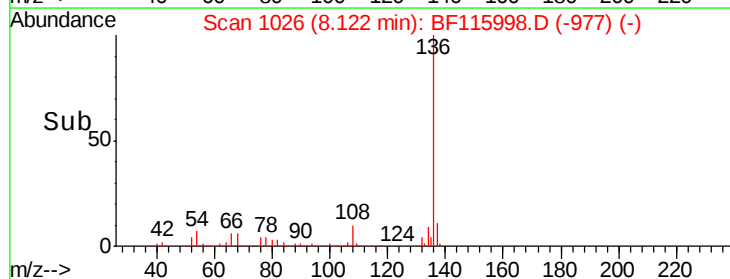
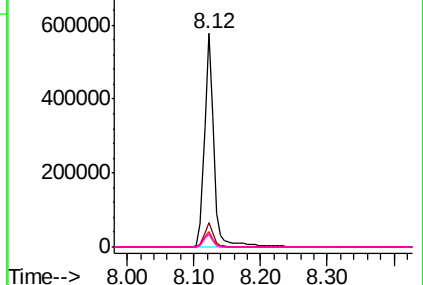


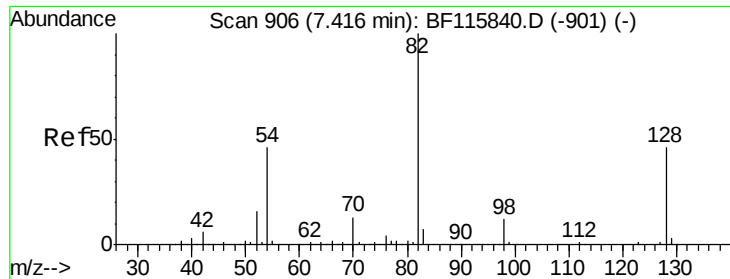
Abundance Ion 136.00 (135.70 to 136.70): E

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

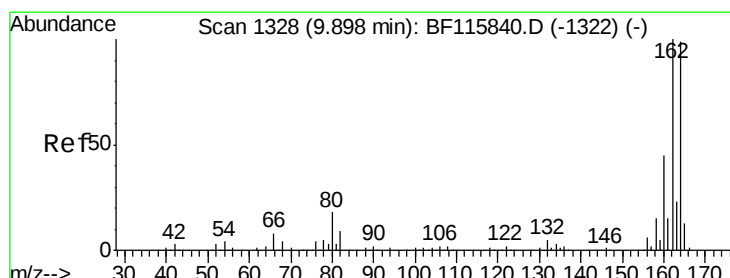
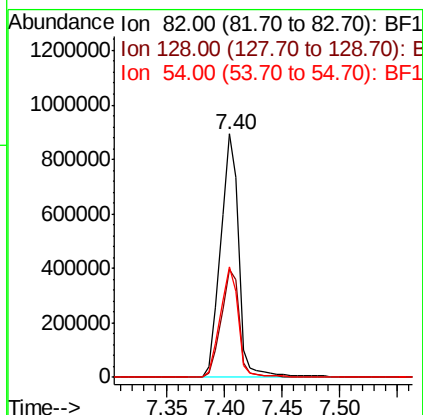
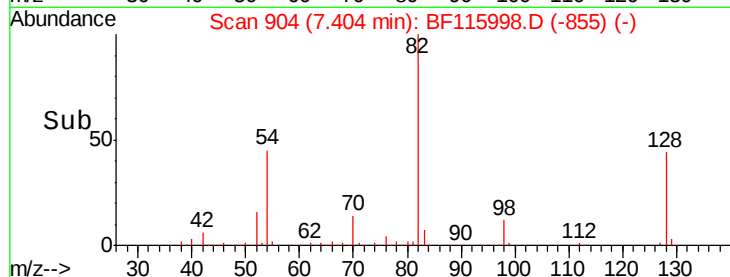
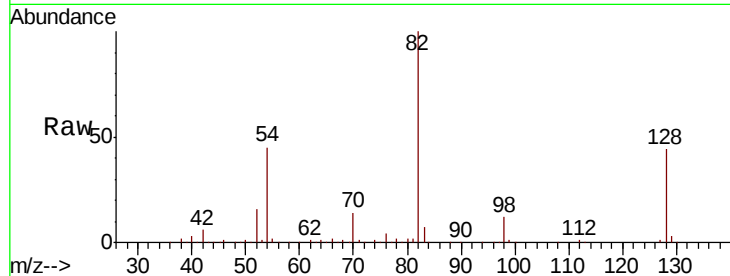




#23
Nitrobenzene-d5
Concen: 101.526 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF115998.D
Acq: 5 Aug 2019 23:34

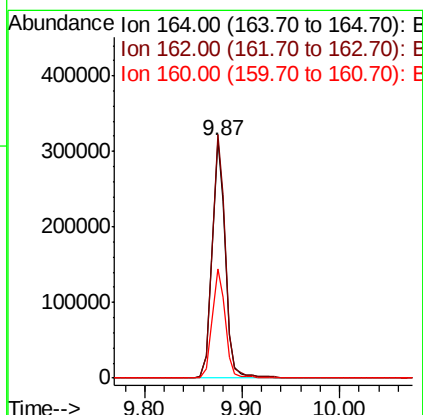
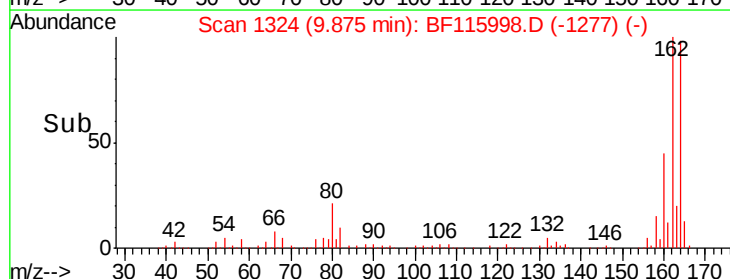
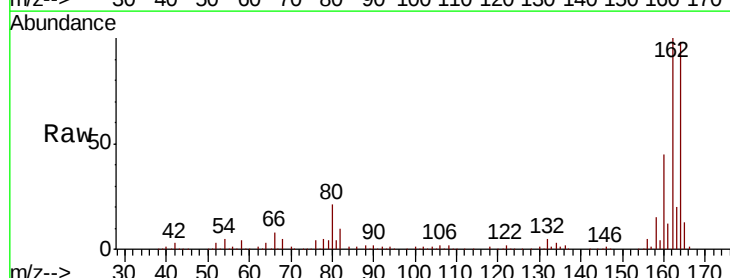
Instrument :
BNA_F
ClientSampleId :
SU-02-080219-A

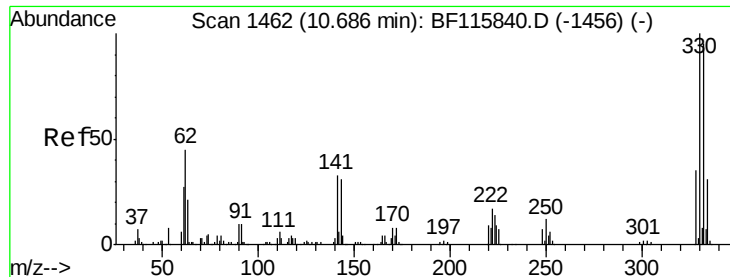
Tot Ion: 82 Resp: 978382
Ion Ratio Lower Upper
82 100
128 44.2 36.6 55.0
54 45.4 36.6 55.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF115998.D
Acq: 5 Aug 2019 23:34

Tgt Ion:164 Resp: 294088
Ion Ratio Lower Upper
164 100
162 102.2 80.8 121.2
160 46.1 36.2 54.4

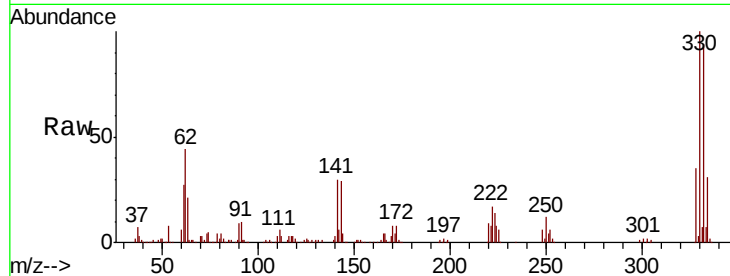




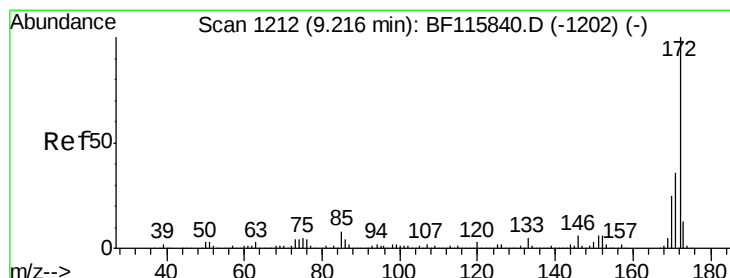
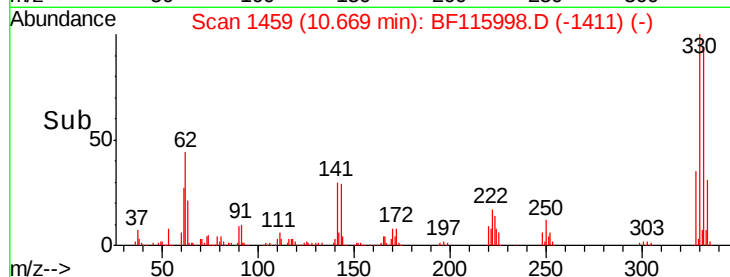
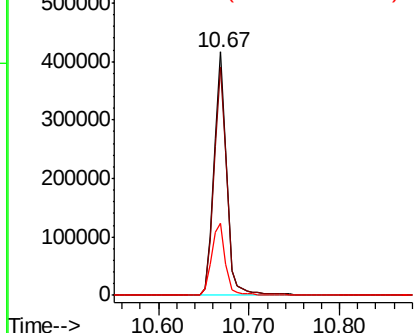
#42
 2,4,6-Tribromophenol
 Concen: 143.969 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF115998.D
 Acq: 5 Aug 2019 23:34

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-080219-A

Tot Ion:330 Resp: 410494
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.7 116.5
 141 33.1 28.1 42.1

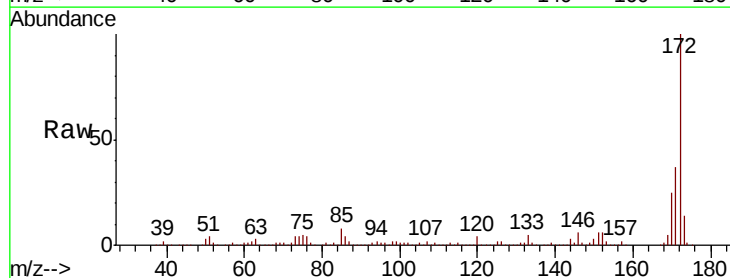


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

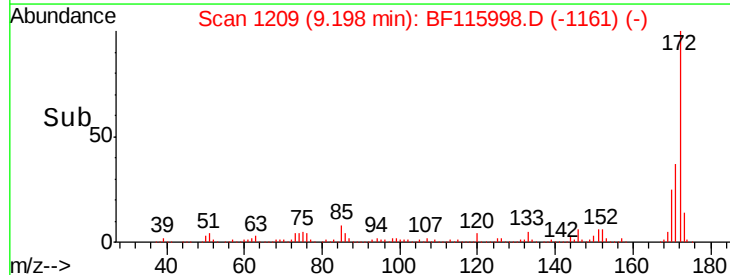
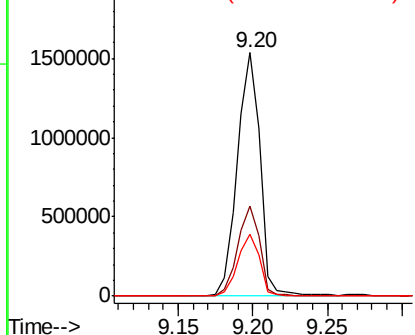


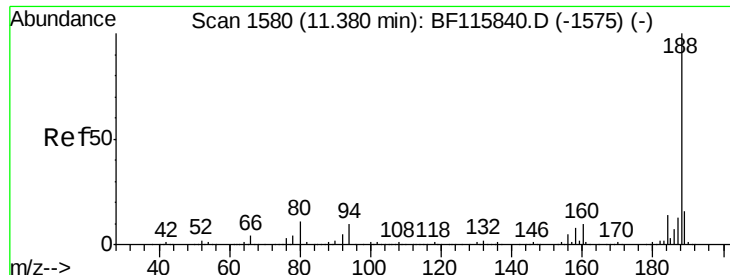
#45
 2-Fluorobiphenyl
 Concen: 104.536 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF115998.D
 Acq: 5 Aug 2019 23:34

Tgt Ion:172 Resp: 1641302
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.1 43.7
 170 25.5 20.1 30.1



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

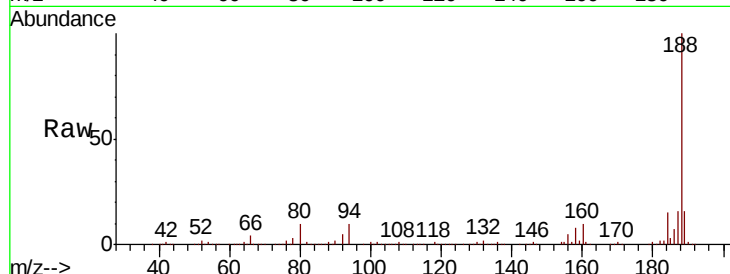




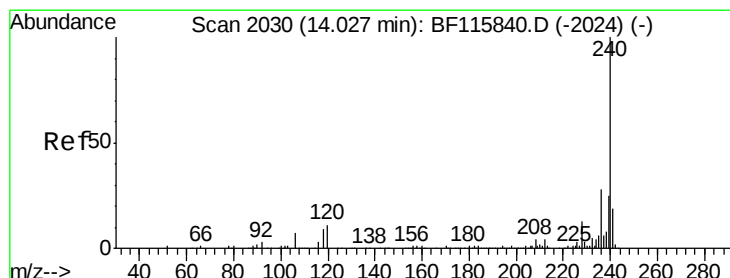
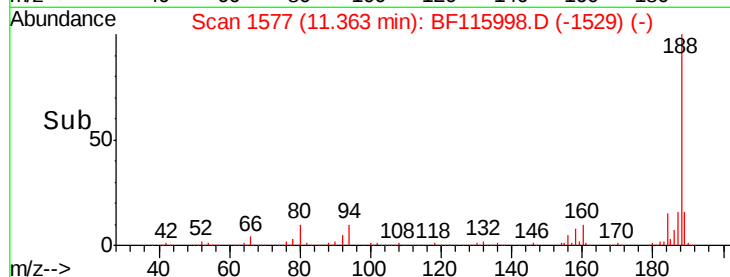
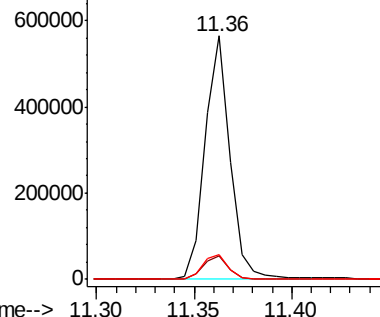
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF115998.D
Acq: 5 Aug 2019 23:34

Instrument :
BNA_F
ClientSampleId :
SU-02-080219-A

Tot Ion:188 Resp: 503878
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 10.4 8.6 12.8

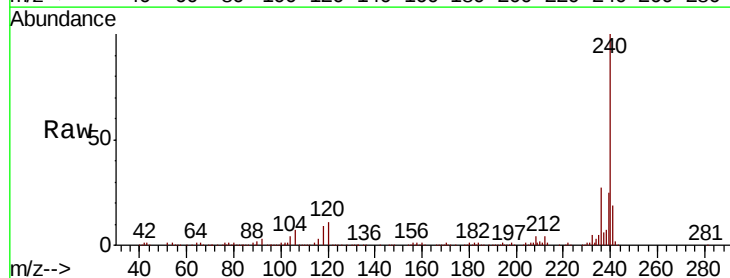


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

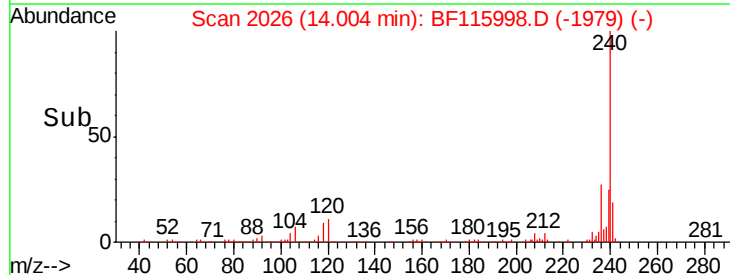
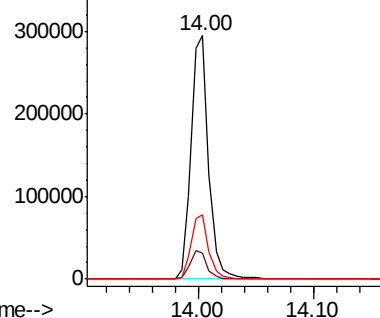


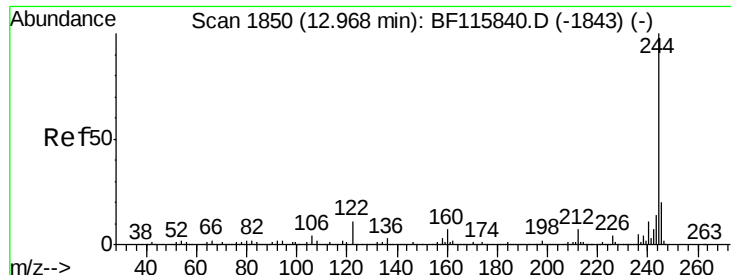
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF115998.D
Acq: 5 Aug 2019 23:34

Tgt Ion:240 Resp: 309996
Ion Ratio Lower Upper
240 100
120 10.5 8.5 12.7
236 26.6 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 118.548 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF115998.D

Acq: 5 Aug 2019 23:34

Instrument :

BNA_F

ClientSampleId :

SU-02-080219-A

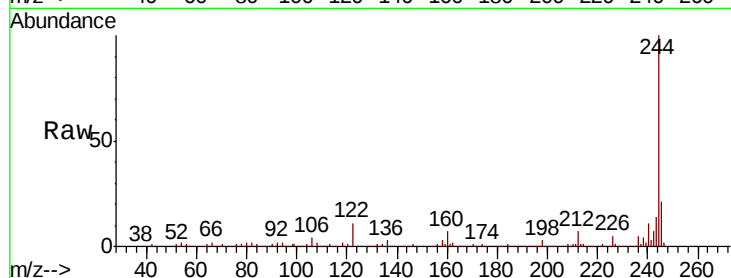
Tot Ion:244 Resp: 1744025

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	11.1	8.6	13.0

244 100

212 7.2 5.6 8.4

122 11.1 8.6 13.0

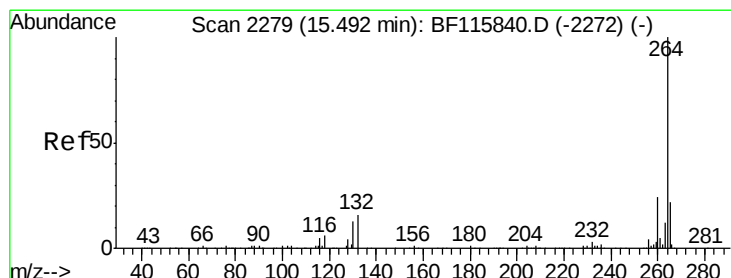
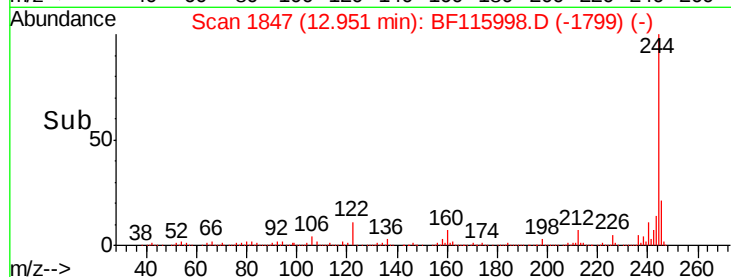
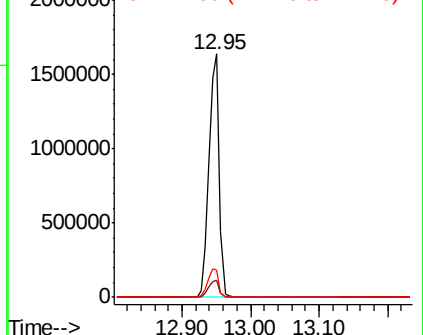


Abundance

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: 15.46 min Scan# 2274

Delta R.T. -0.03 min

Lab File: BF115998.D

Acq: 5 Aug 2019 23:34

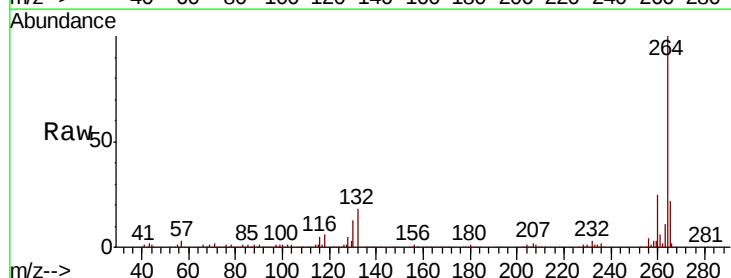
Tgt Ion:264 Resp: 346044

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.0	17.5	26.3

264 100

260 24.8 19.4 29.2

265 22.0 17.5 26.3



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

