

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
 Data File : BF115990.D
 Acq On : 5 Aug 2019 20:01
 Operator : HP/JU
 Sample : K4090-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 06 03:49:20 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	139991	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	535651	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	292200	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	538228	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	417336	20.00	ng	-0.02
87) Perylene-d12	15.46	264	352733	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1060337	126.80	ng	0.01
7) Phenol-d6	6.48	99	1265840	119.98	ng	0.00
23) Nitrobenzene-d5	7.40	82	981077	105.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	438174	154.67	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1665651	106.77	ng	-0.02
79) Terphenyl-d14	12.95	244	1961496	99.04	ng	-0.02

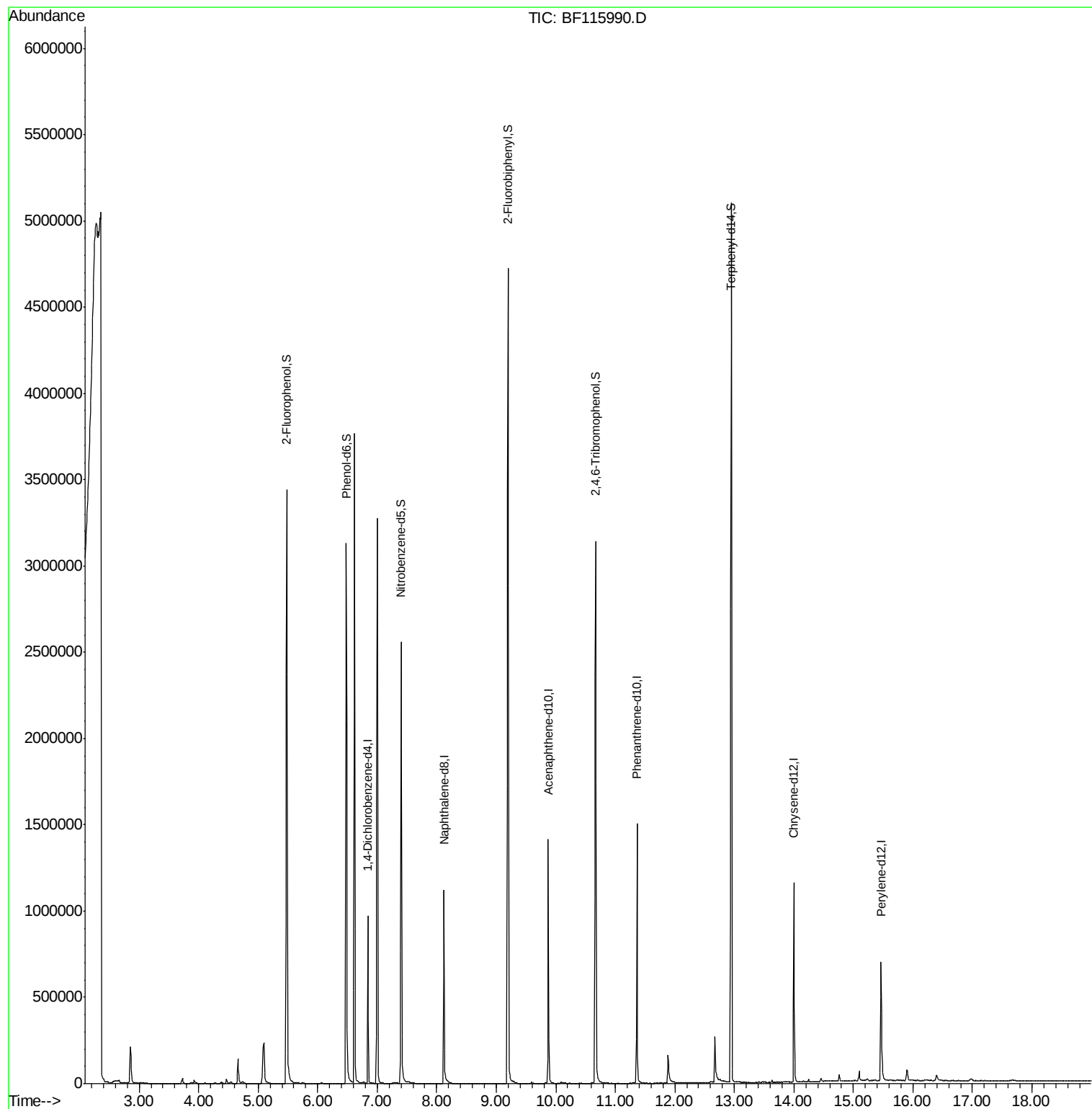
Target Compounds Qvalue

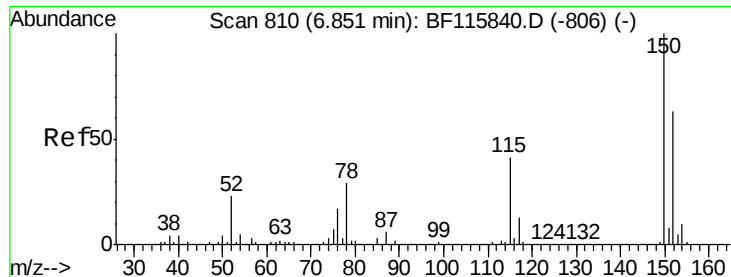
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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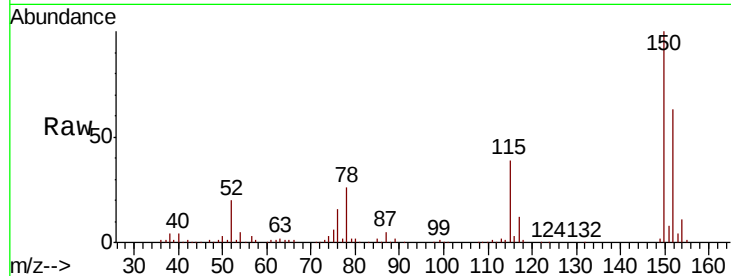


#1

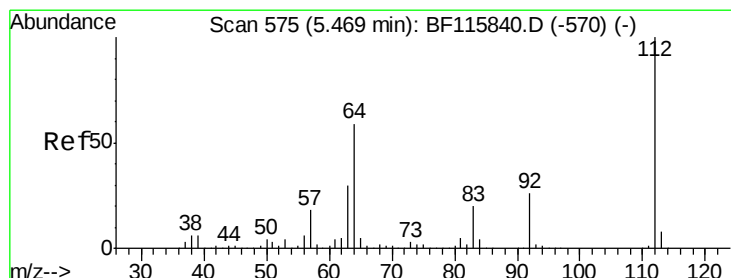
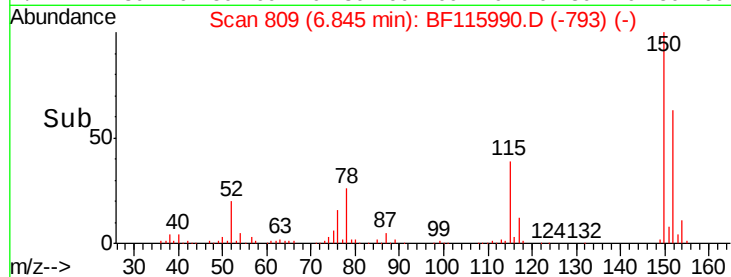
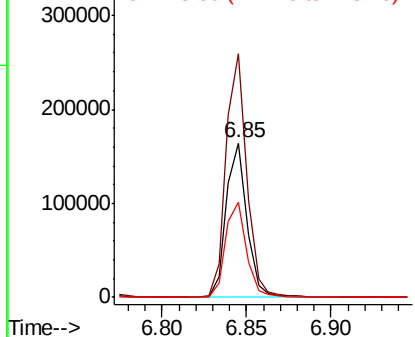
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF115990.D
Acq: 5 Aug 2019 20:01

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

Tot Ion:152 Resp: 139991
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.0
115 61.7 51.8 77.8



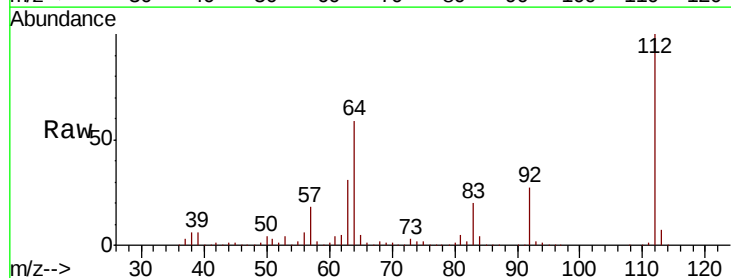
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



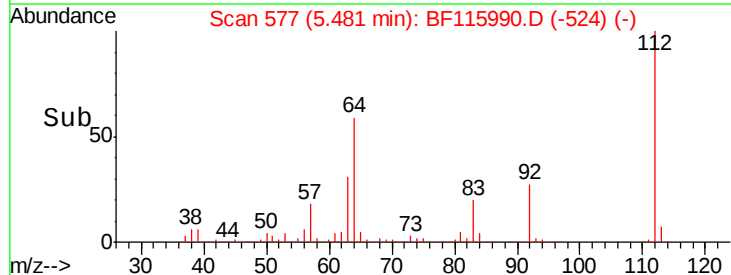
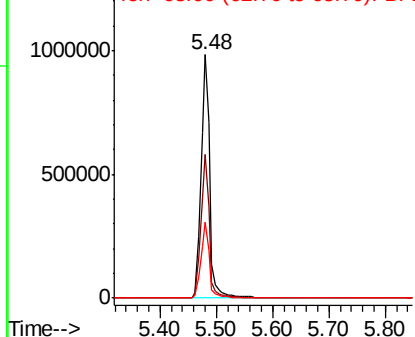
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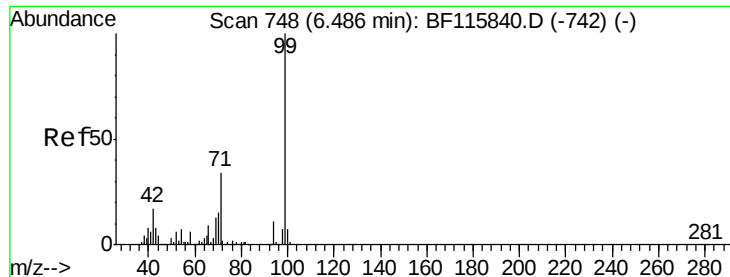
2-Fluorophenol
Concen: 126.799 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF115990.D
Acq: 5 Aug 2019 20:01

Tgt Ion:112 Resp: 1060337
Ion Ratio Lower Upper
112 100
64 59.2 46.8 70.2
63 31.1 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: 119.978 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115990.D

Acq: 5 Aug 2019 20:01

Instrument :

BNA_F

ClientSampleId :

OR-02-080219-A

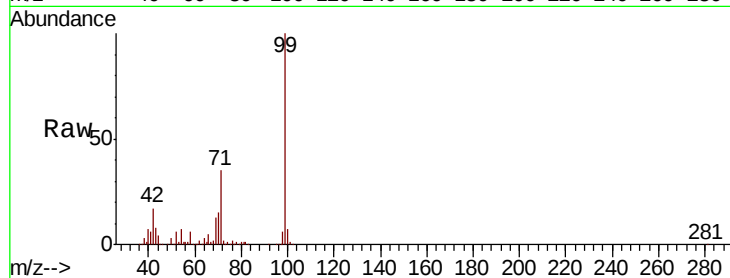
Tot Ion: 99 Resp: 1265840

Ion Ratio Lower Upper

99 100

42 17.4 13.8 20.6

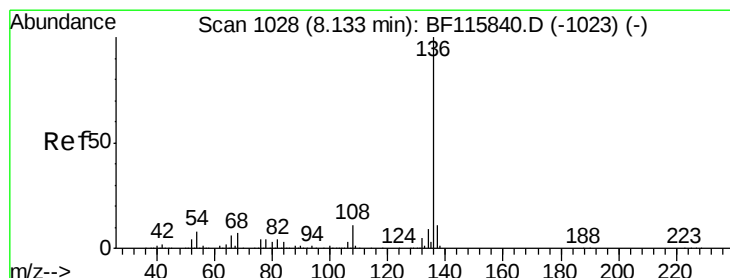
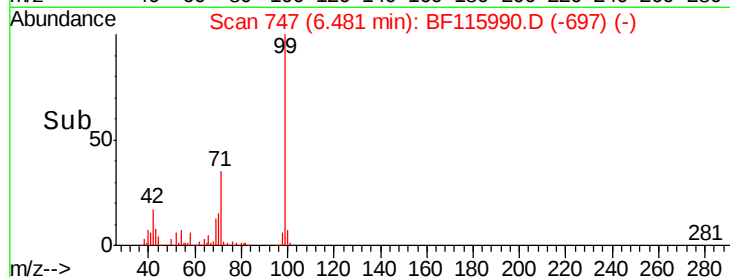
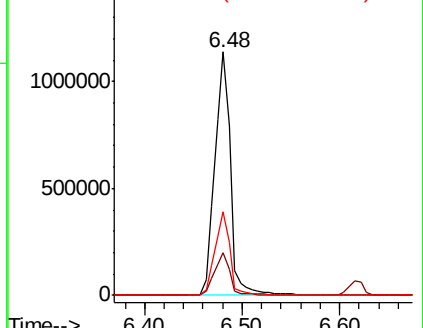
71 34.5 27.1 40.7



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: BF115990.D

Acq: 5 Aug 2019 20:01

Tgt Ion: 136 Resp: 535651

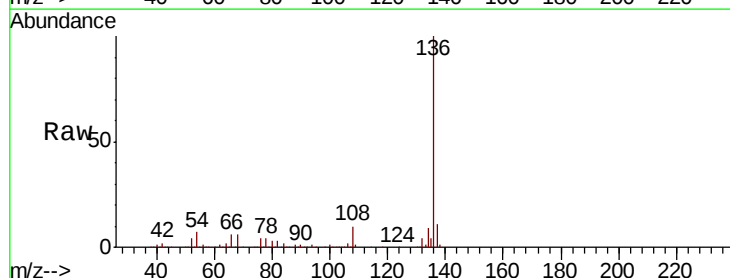
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.1 6.1 9.1

68 6.0 5.4 8.2

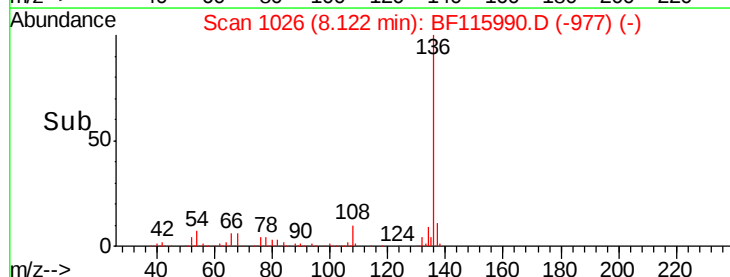
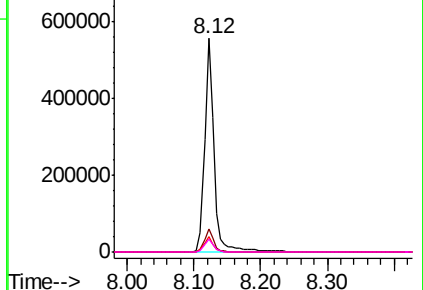


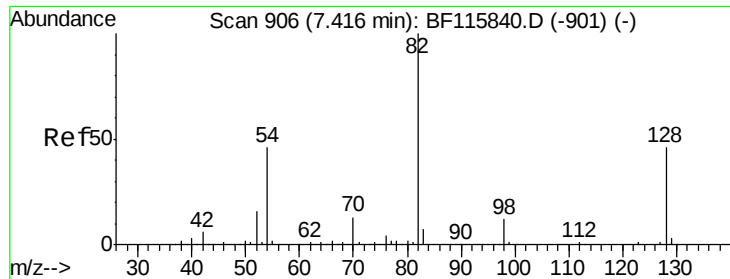
Abundance Ion 136.00 (135.70 to 136.70): E

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

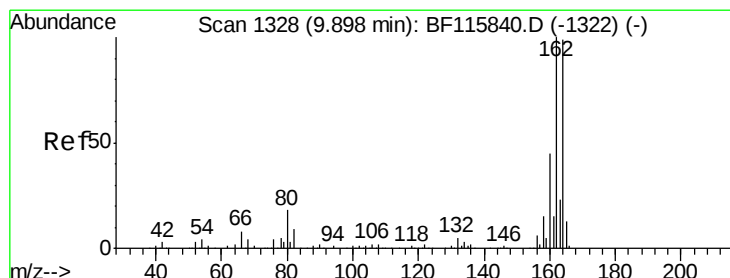
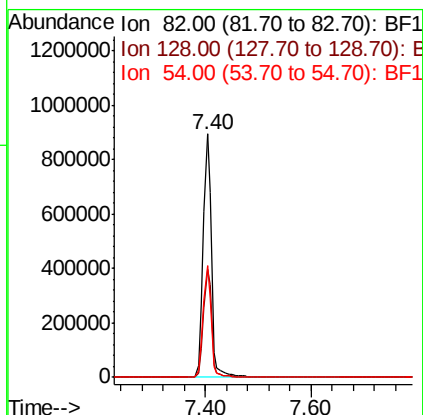
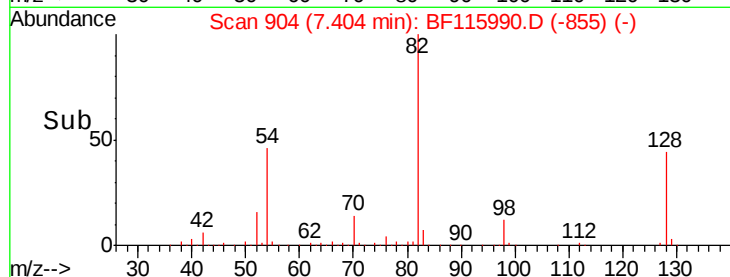
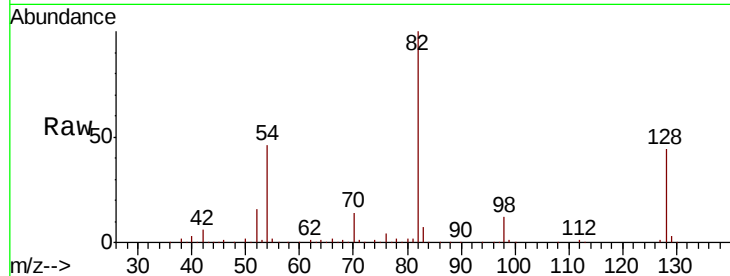




#23
Nitrobenzene-d5
Concen: 105.723 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF115990.D
Acq: 5 Aug 2019 20:01

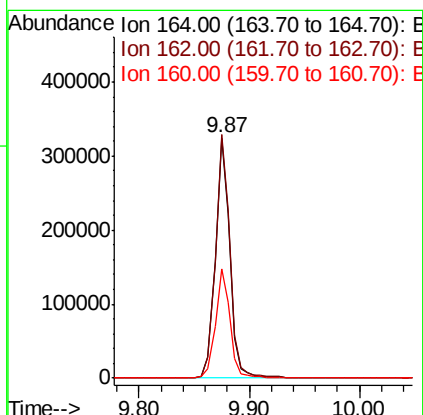
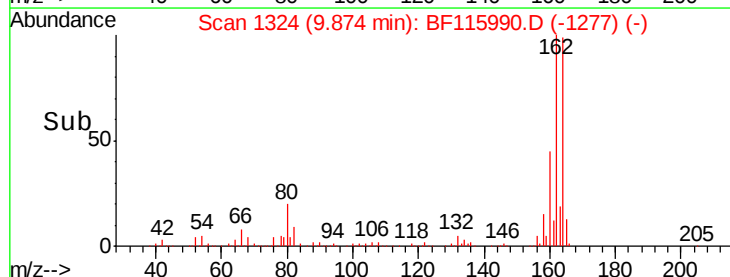
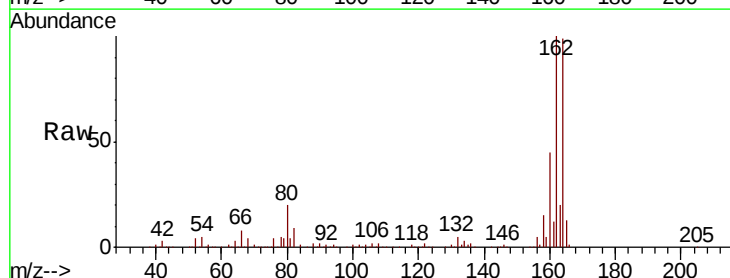
Instrument :
BNA_F
ClientSampleId :
OR-02-080219-A

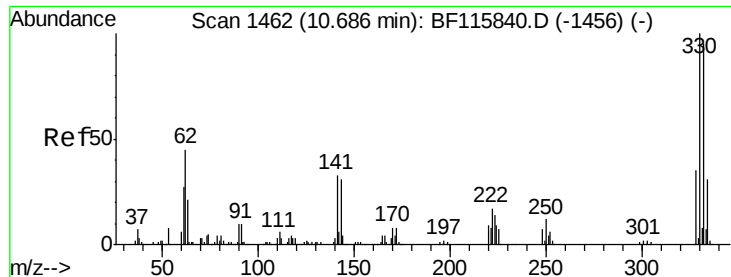
Tot Ion: 82 Resp: 981077
Ion Ratio Lower Upper
82 100
128 44.5 36.6 55.0
54 45.8 36.6 55.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF115990.D
Acq: 5 Aug 2019 20:01

Tgt Ion: 164 Resp: 292200
Ion Ratio Lower Upper
164 100
162 101.5 80.8 121.2
160 45.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 154.670 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF115990.D

Acq: 5 Aug 2019 20:01

Instrument :

BNA_F

ClientSampleId :

OR-02-080219-A

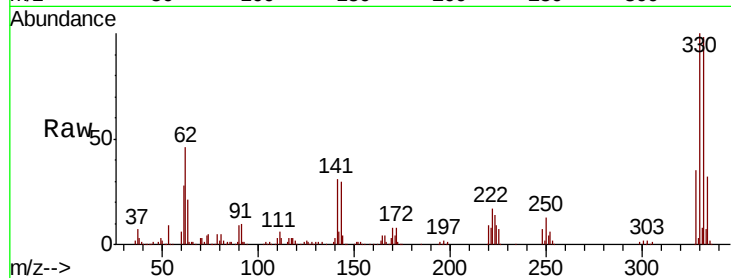
Tot Ion:330 Resp: 438174

Ion Ratio Lower Upper

330 100

332 96.6 77.7 116.5

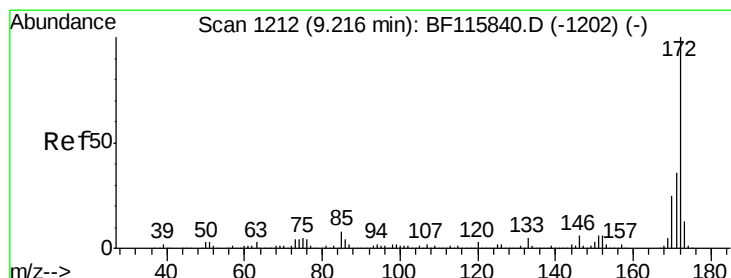
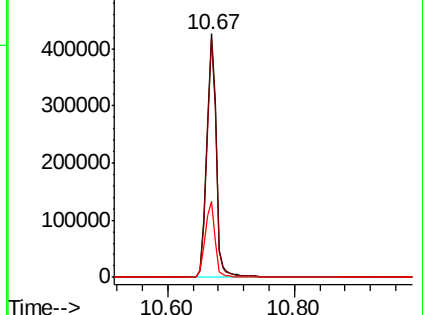
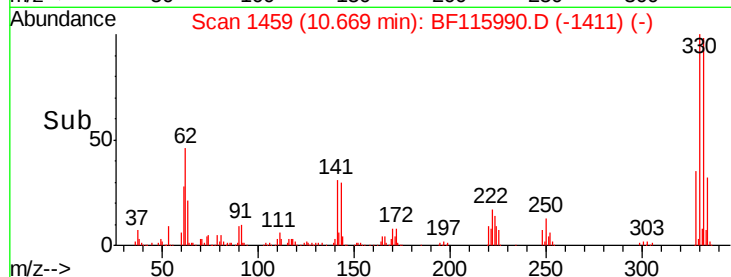
141 32.2 28.1 42.1



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: 106.772 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF115990.D

Acq: 5 Aug 2019 20:01

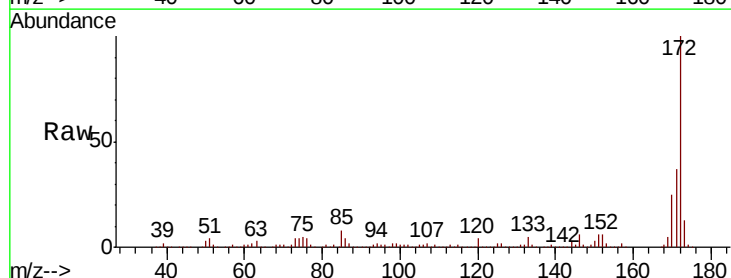
Tgt Ion:172 Resp: 1665651

Ion Ratio Lower Upper

172 100

171 36.8 29.1 43.7

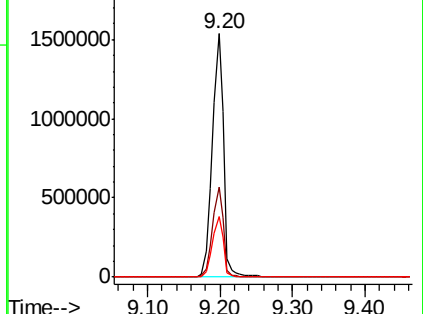
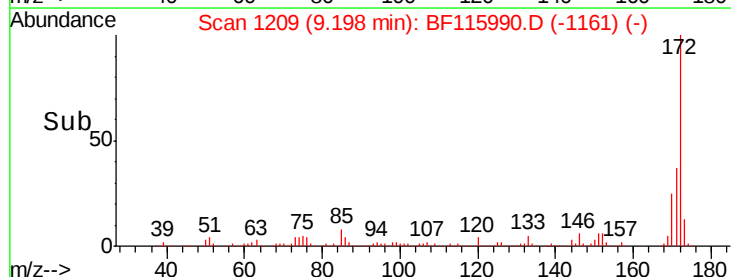
170 25.0 20.1 30.1

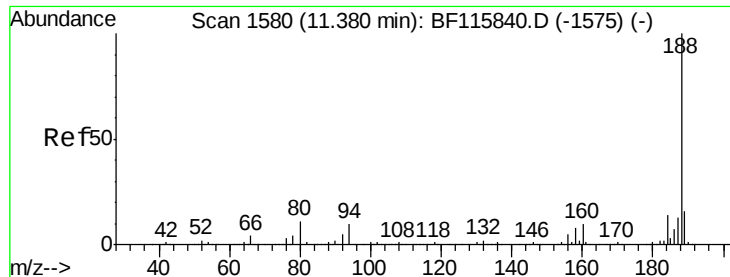


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

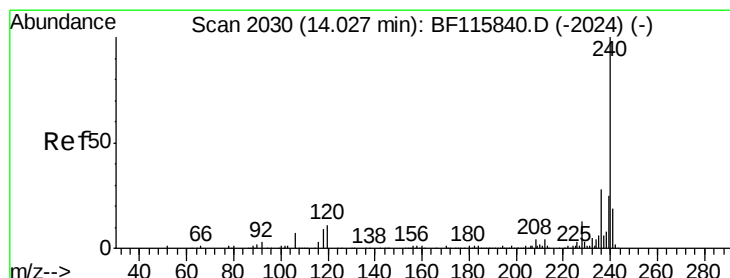
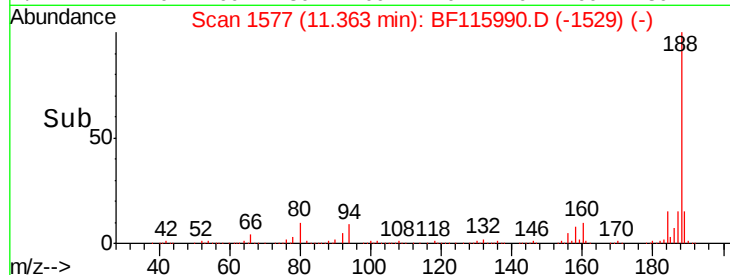
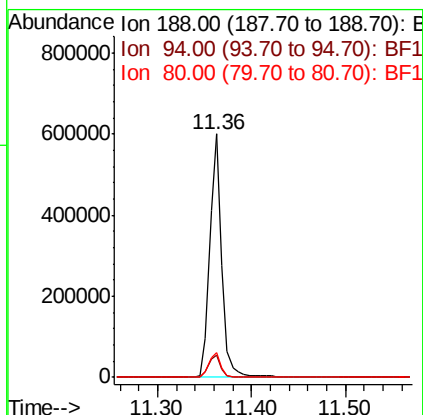
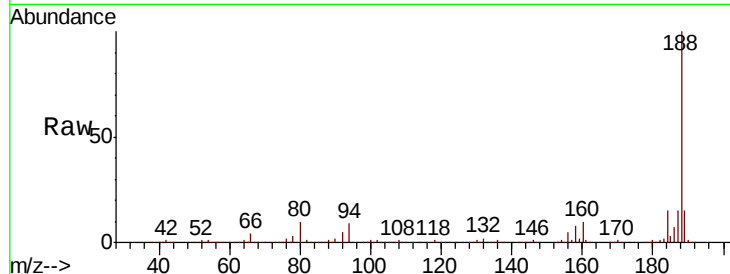




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF115990.D
Acq: 5 Aug 2019 20:01

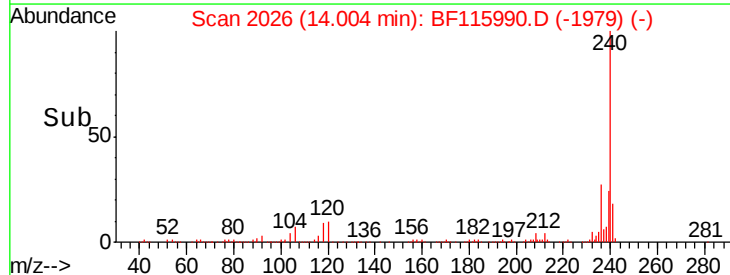
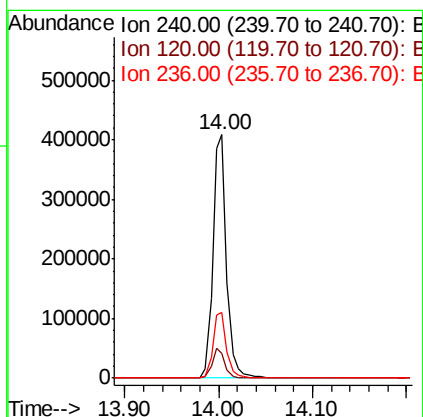
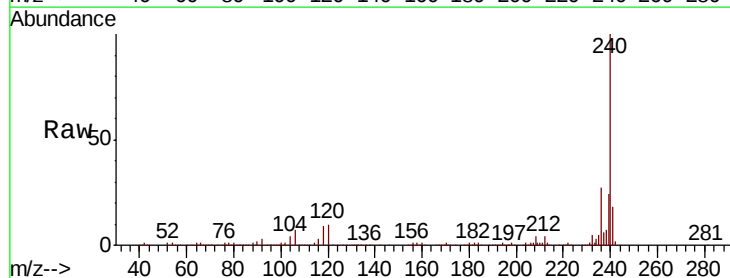
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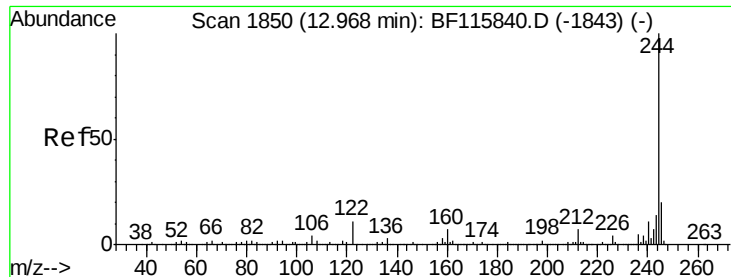
Tot Ion:188 Resp: 538228
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.1 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF115990.D
Acq: 5 Aug 2019 20:01

Tgt Ion:240 Resp: 417336
Ion Ratio Lower Upper
240 100
120 10.3 8.5 12.7
236 27.0 22.2 33.2





#79

Terphenyl-d14

Concen: 99.038 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF115990.D

Acq: 5 Aug 2019 20:01

Instrument :

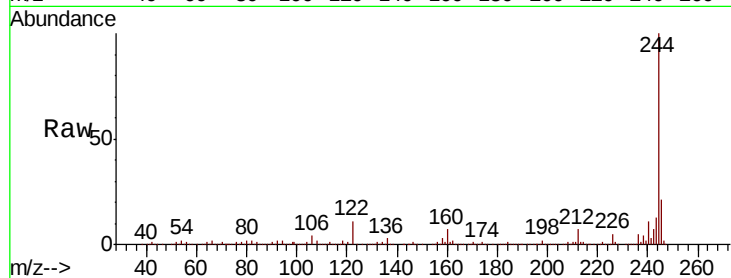
BNA_F

ClientSampleId :

OR-02-080219-A

Tot Ion:244 Resp: 1961496

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	11.0	8.6	13.0

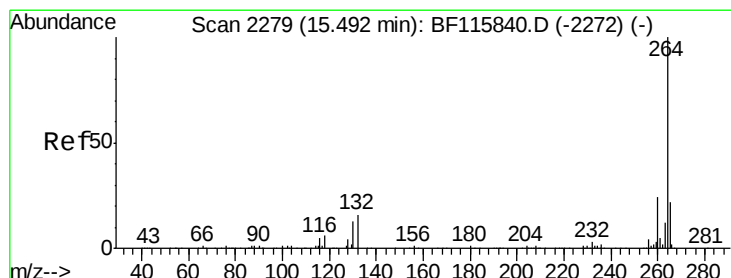
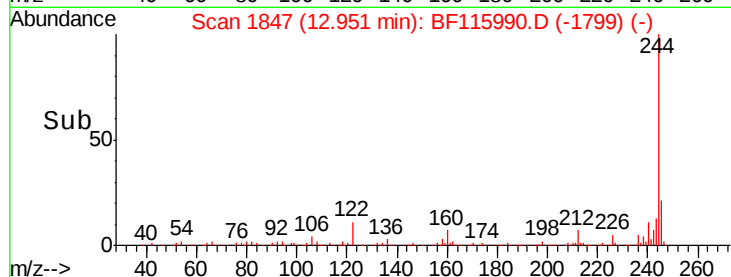
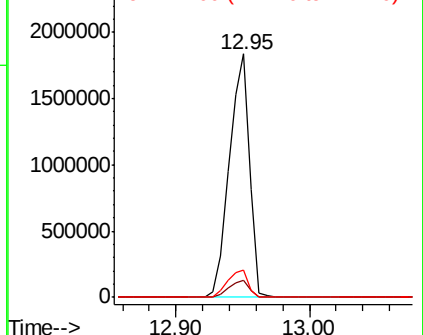


Abundance

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

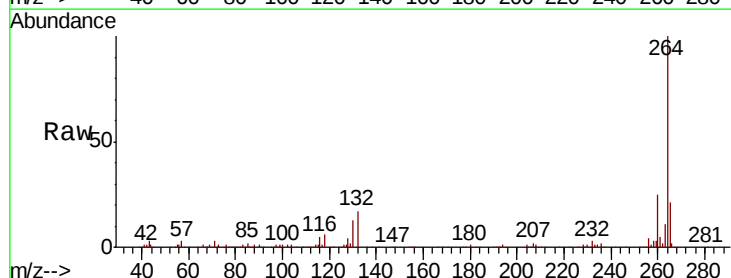
Delta R.T. -0.03 min

Lab File: BF115990.D

Acq: 5 Aug 2019 20:01

Tgt Ion:264 Resp: 352733

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.3	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

