

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
 Data File : BF116350.D
 Acq On : 17 Aug 2019 12:03
 Operator : HP/JU
 Sample : K4208-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02(10-12)

Quant Time: Aug 19 06:38:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

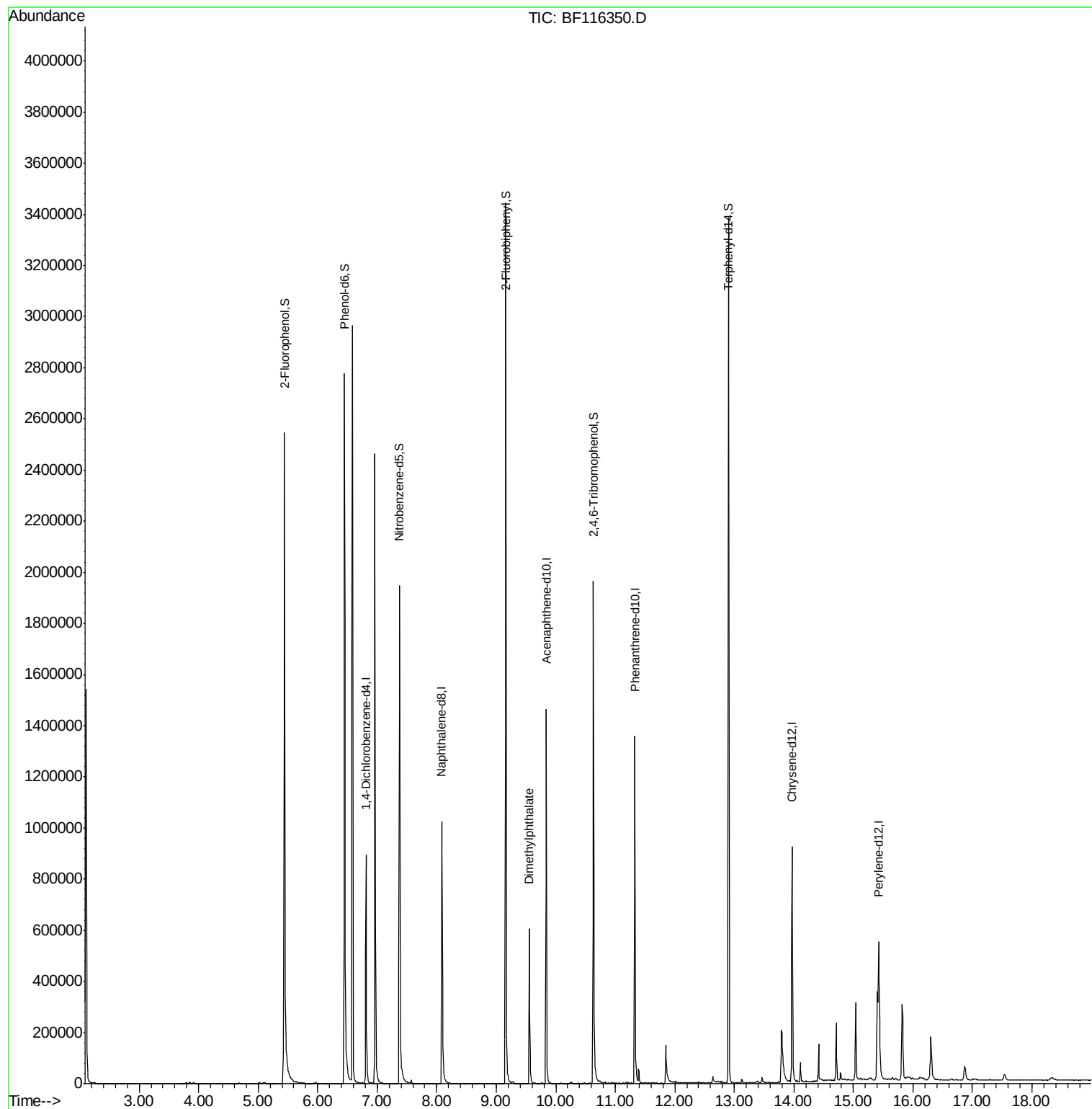
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	142322	20.00	ng	-0.04
21) Naphthalene-d8	8.09	136	551292	20.00	ng	-0.04
39) Acenaphthene-d10	9.84	164	290613	20.00	ng	-0.05
64) Phenanthrene-d10	11.33	188	496422	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	338781	20.00	ng	-0.04
87) Perylene-d12	15.43	264	310173	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	846734	99.60	ng	-0.03
7) Phenol-d6	6.45	99	1110125	103.50	ng	-0.04
23) Nitrobenzene-d5	7.37	82	723369	75.74	ng	-0.04
42) 2,4,6-Tribromophenol	10.63	330	274975	97.59	ng	-0.04
45) 2-Fluorobiphenyl	9.16	172	1153981	74.38	ng	-0.04
79) Terphenyl-d14	12.90	244	1177658	73.25	ng	-0.05
Target Compounds						Qvalue
50) Dimethylphthalate	9.56	163	260906	13.185	ng	99

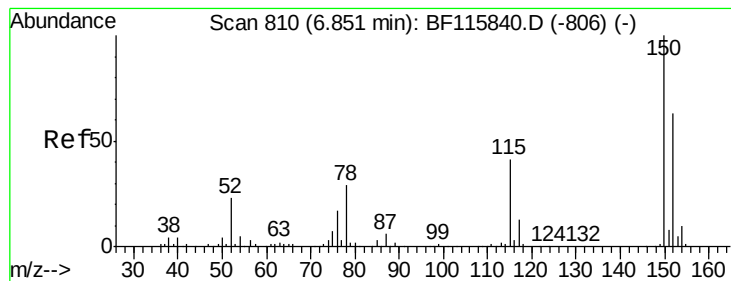
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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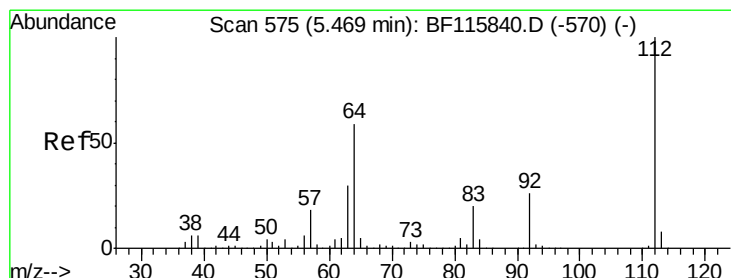
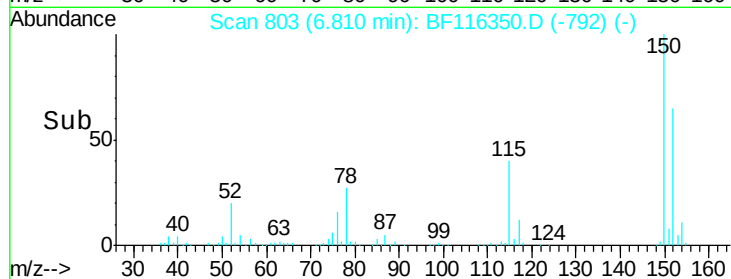
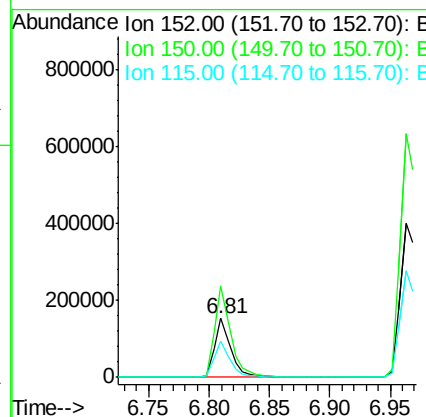
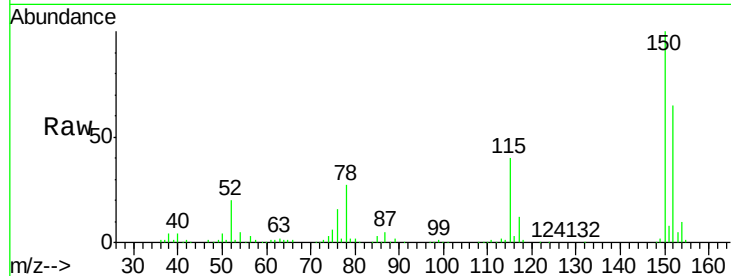


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.04 min
Lab File: BF116350.D
Acq: 17 Aug 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SB-02(10-12)

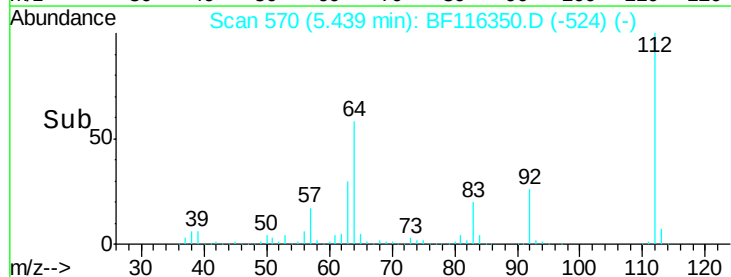
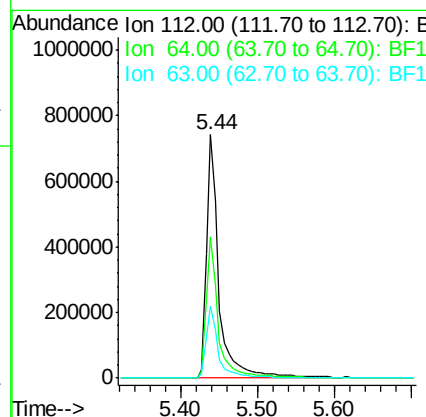
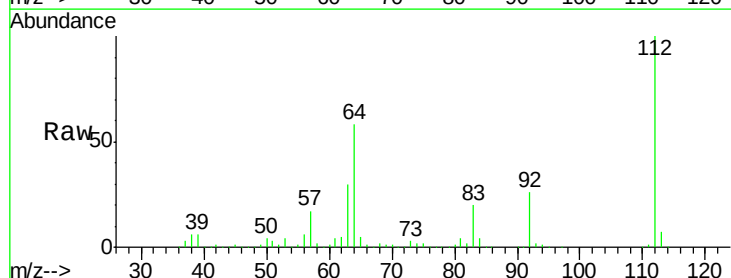
Tot Ion:152 Resp: 142322
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 61.2 49.9 74.9

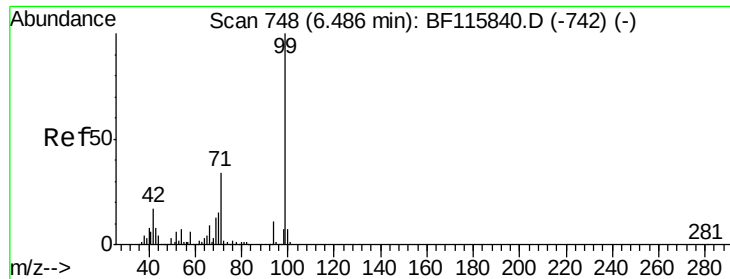


#5

2-Fluorophenol
Concen: 99.597 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116350.D
Acq: 17 Aug 2019 12:03

Tgt Ion:112 Resp: 846734
Ion Ratio Lower Upper
112 100
64 58.0 45.4 68.2
63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 103.496 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.04 min

Lab File: BF116350.D

Acq: 17 Aug 2019 12:03

Instrument :

BNA_F

ClientSampleId :

SB-02(10-12)

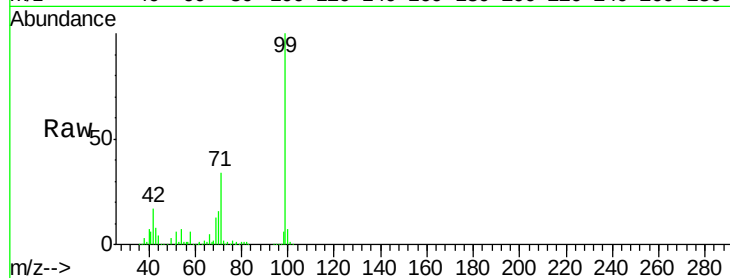
Tot Ion: 99 Resp: 1110125

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.8
71	34.5	27.3	40.9

99 100

42 16.9 13.8 20.8

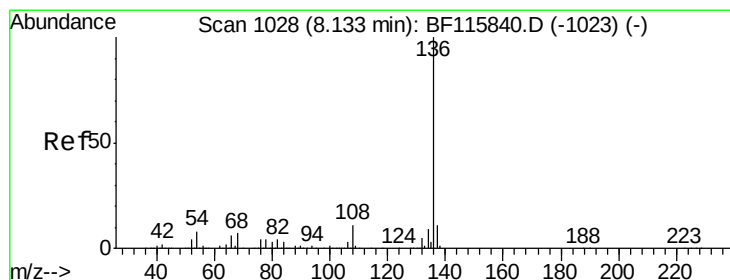
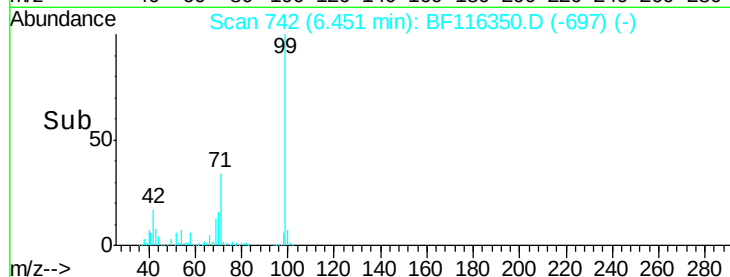
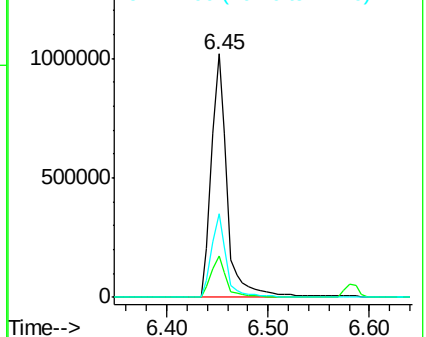
71 34.5 27.3 40.9



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: 8.09 min Scan# 1020

Delta R.T. -0.04 min

Lab File: BF116350.D

Acq: 17 Aug 2019 12:03

Tgt Ion: 136 Resp: 551292

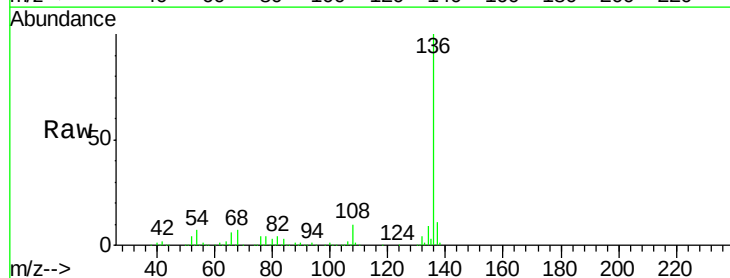
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.3	5.8	8.6
68	6.6	5.2	7.8

136 100

137 11.2 9.0 13.4

54 7.3 5.8 8.6

68 6.6 5.2 7.8

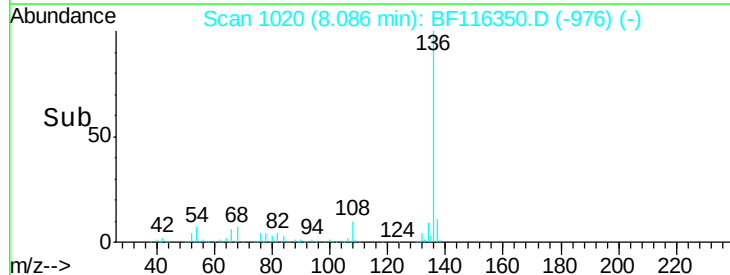
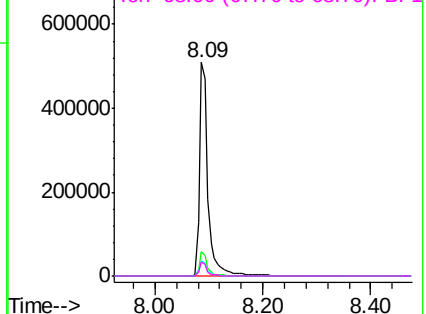


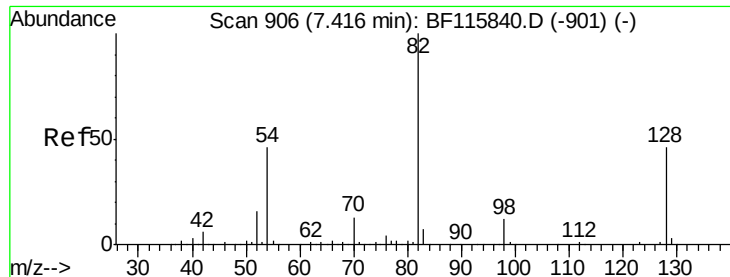
Abundance Ion 136.00 (135.70 to 136.70): E

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

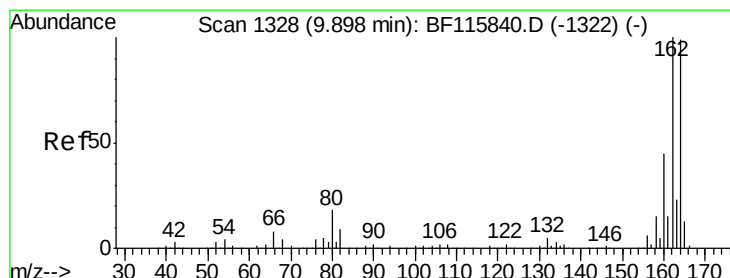
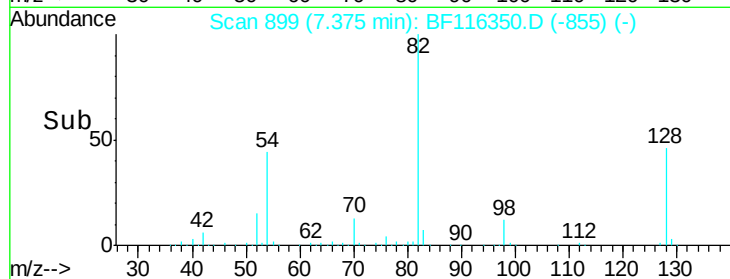
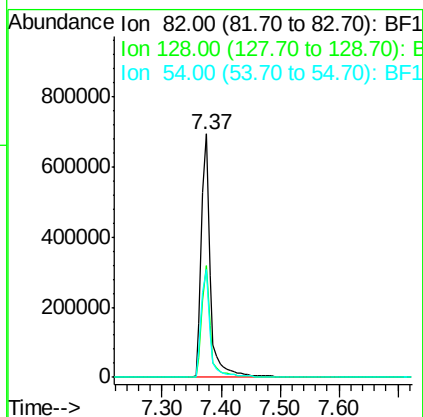
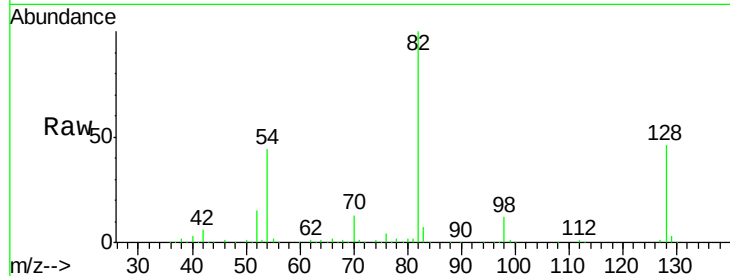




#23
 Nitrobenzene-d5
 Concen: 75.740 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.04 min
 Lab File: BF116350.D
 Acq: 17 Aug 2019 12:03

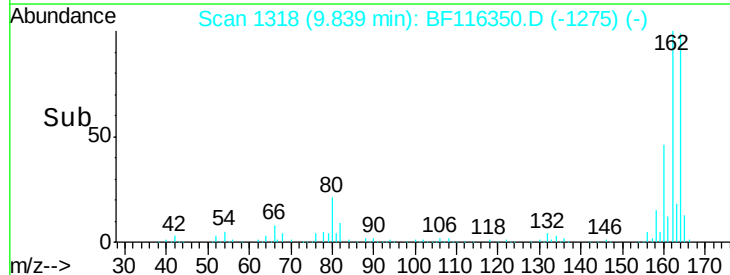
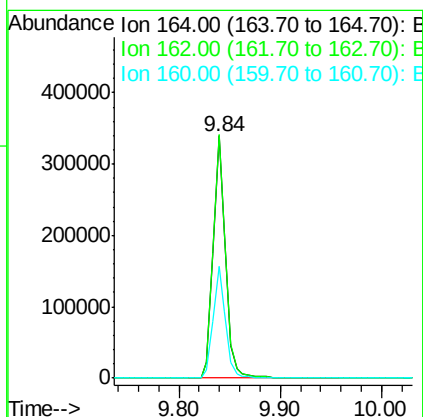
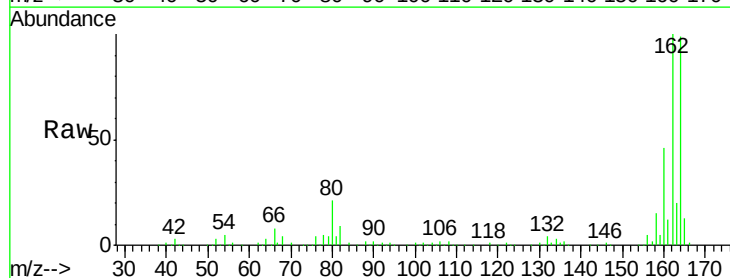
Instrument :
 BNA_F
 ClientSampleId :
 SB-02(10-12)

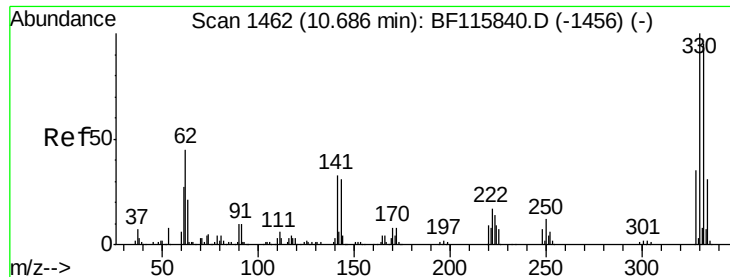
Tot Ion: 82 Resp: 723369
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.5 54.7
 54 44.1 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.05 min
 Lab File: BF116350.D
 Acq: 17 Aug 2019 12:03

Tgt Ion:164 Resp: 290613
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.6 124.0
 160 46.3 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 97.593 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.04 min

Lab File: BF116350.D

Acq: 17 Aug 2019 12:03

Instrument :

BNA_F

ClientSampleId :

SB-02(10-12)

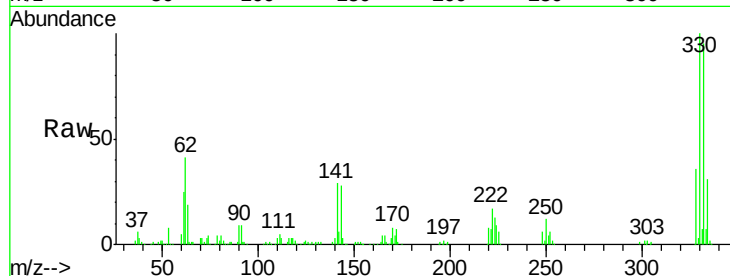
Tot Ion:330 Resp: 274975

Ion Ratio Lower Upper

330 100

332 95.4 76.8 115.2

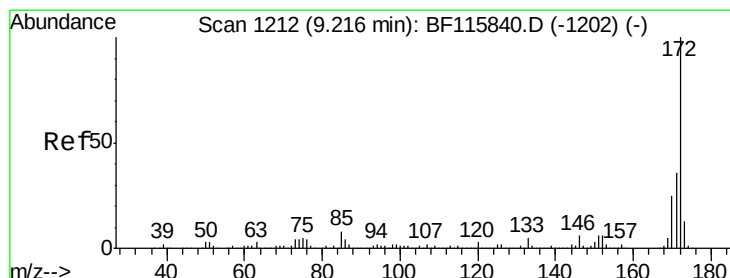
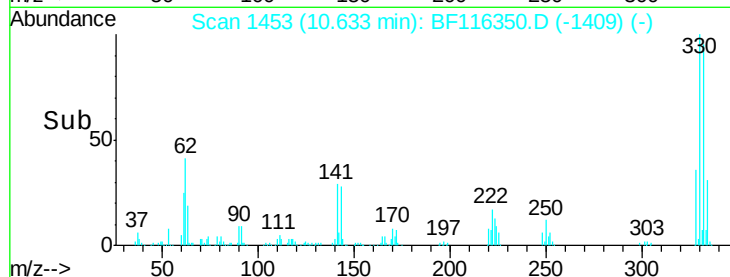
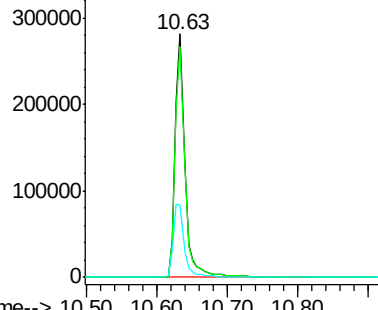
141 34.1 26.3 39.5



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: 74.377 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.04 min

Lab File: BF116350.D

Acq: 17 Aug 2019 12:03

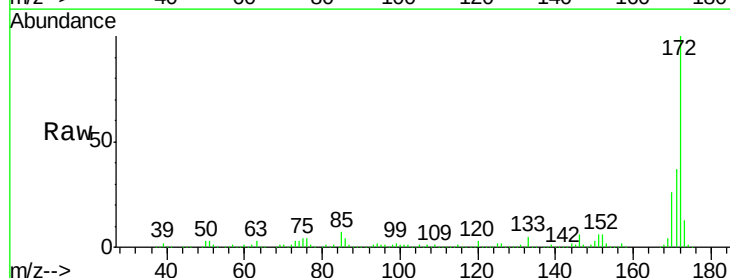
Tgt Ion:172 Resp: 1153981

Ion Ratio Lower Upper

172 100

171 37.2 29.6 44.4

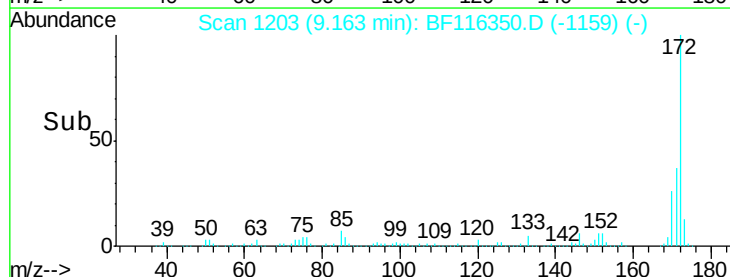
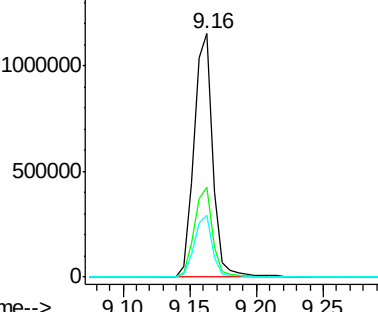
170 25.6 20.1 30.1

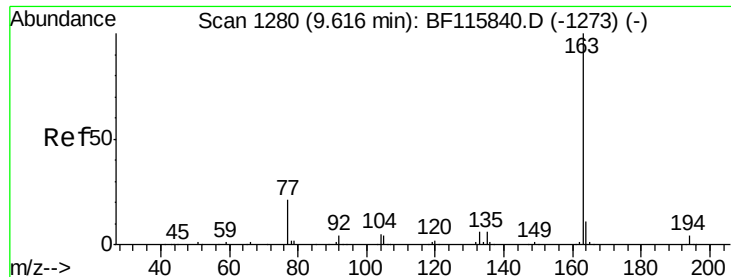


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

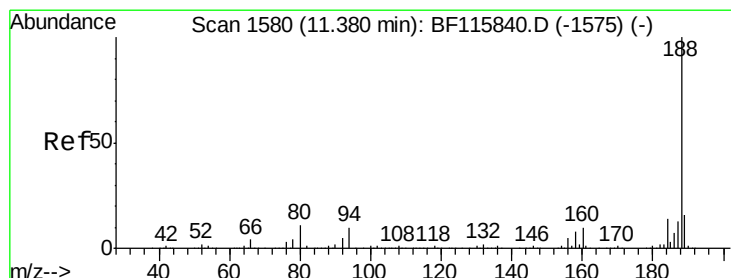
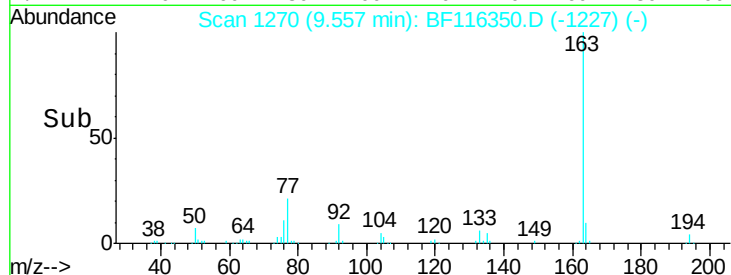
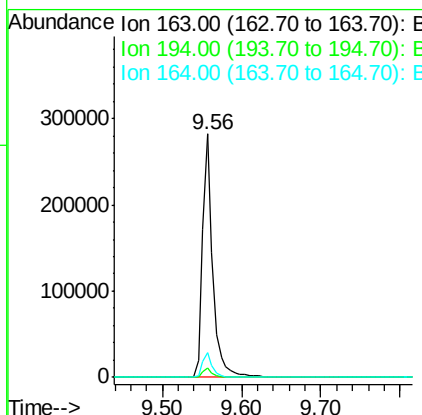
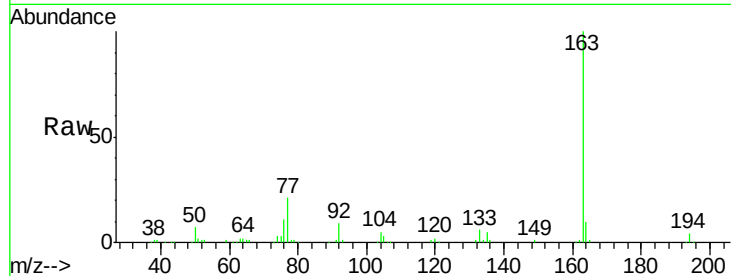




#50
 Dimethylphthalate
 Concen: 13.185 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.05 min
 Lab File: BF116350.D
 Acq: 17 Aug 2019 12:03

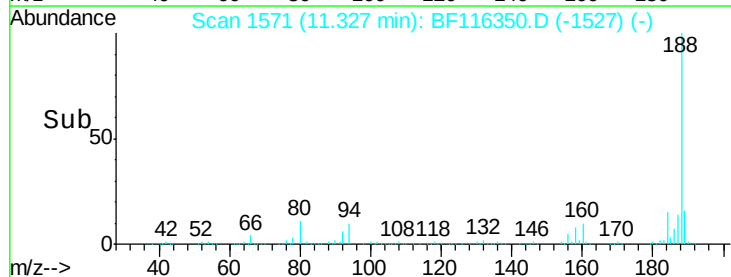
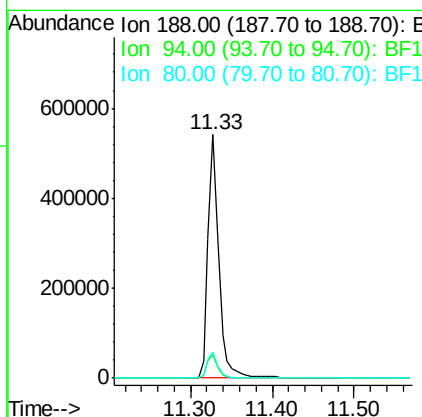
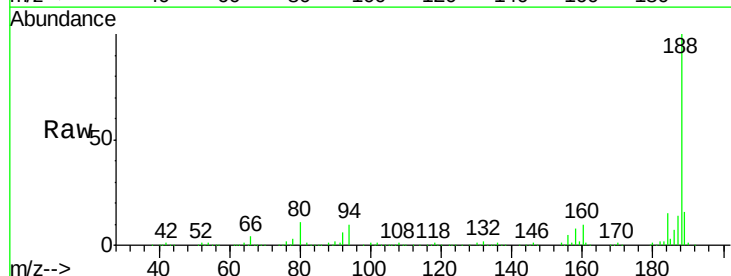
Instrument :
 BNA_F
 ClientSampleId :
 SB-02(10-12)

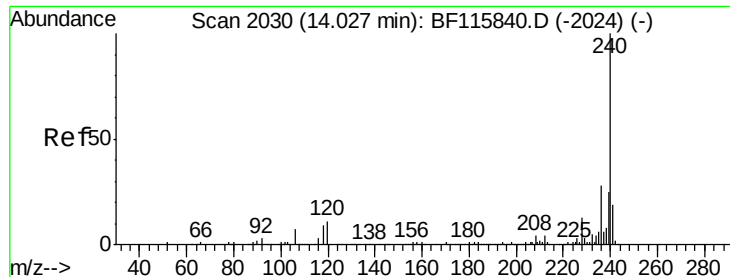
Tot Ion:163 Resp: 260906
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.0 4.6
 164 10.0 8.4 12.6



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.04 min
 Lab File: BF116350.D
 Acq: 17 Aug 2019 12:03

Tgt Ion:188 Resp: 496422
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.1 12.1
 80 10.5 8.7 13.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.04 min

Lab File: BF116350.D

Acq: 17 Aug 2019 12:03

Instrument :

BNA_F

ClientSampleId :

SB-02(10-12)

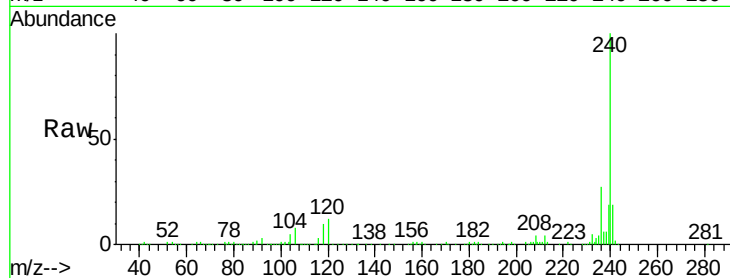
Tot Ion:240 Resp: 338781

Ion Ratio Lower Upper

240 100

120 11.7 10.7 16.1

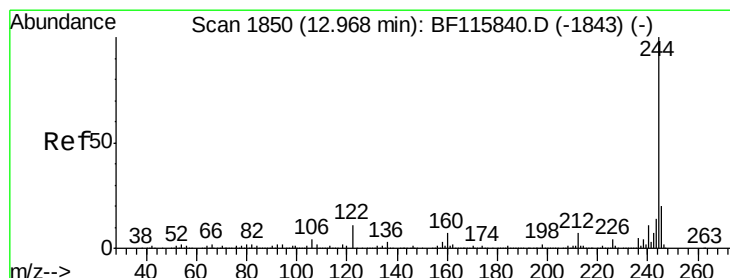
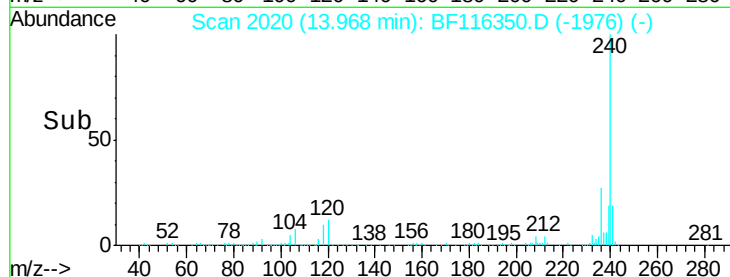
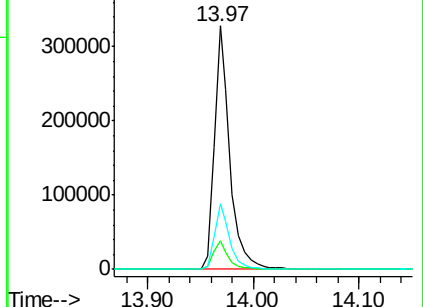
236 26.9 22.2 33.2



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: 73.249 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.05 min

Lab File: BF116350.D

Acq: 17 Aug 2019 12:03

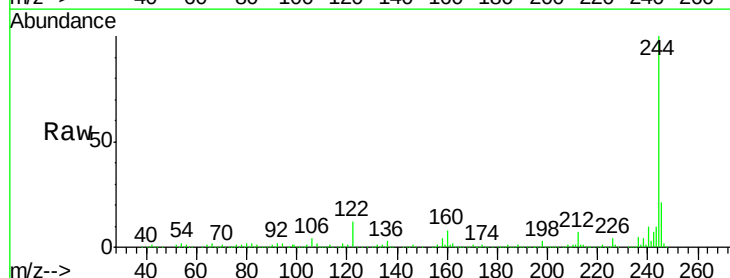
Tgt Ion:244 Resp: 1177658

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

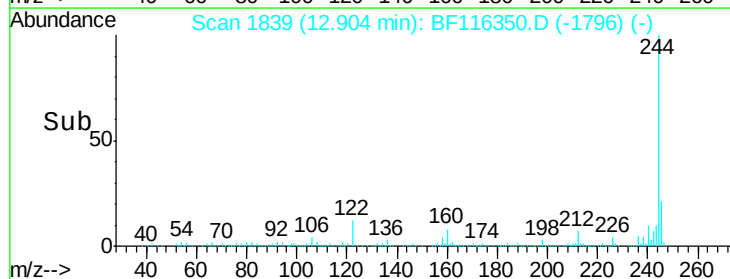
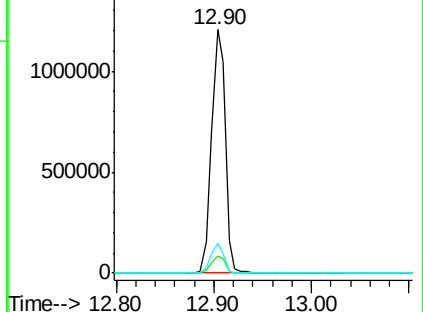
122 12.5 9.0 13.4

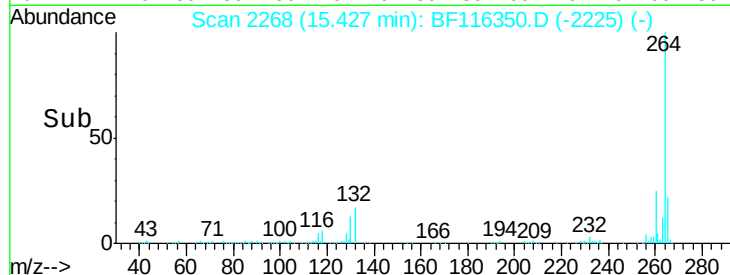
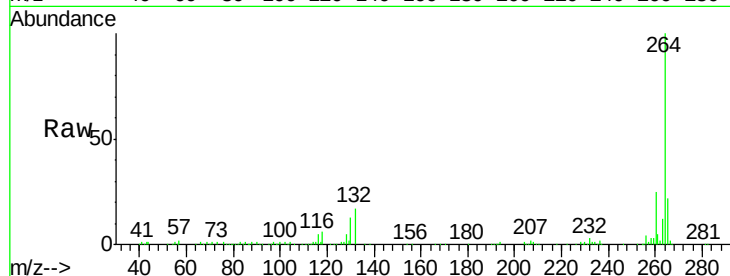
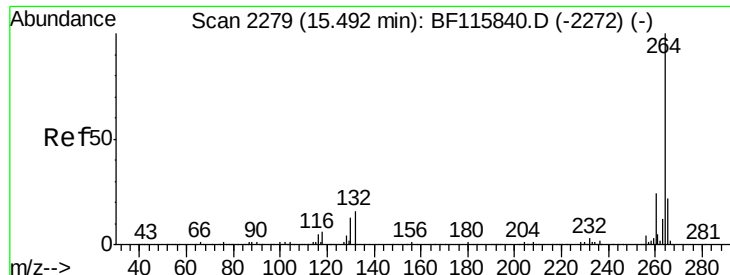


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.05 min
 Lab File: BF116350.D
 Acq: 17 Aug 2019 12:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-02(10-12)

Tot Ion:	264	Resp:	310173
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	22.3	17.4	26.0

