

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116229.D
 Acq On : 13 Aug 2019 14:07
 Operator : HP/JU
 Sample : K4200-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Quant Time: Aug 14 00:09:24 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

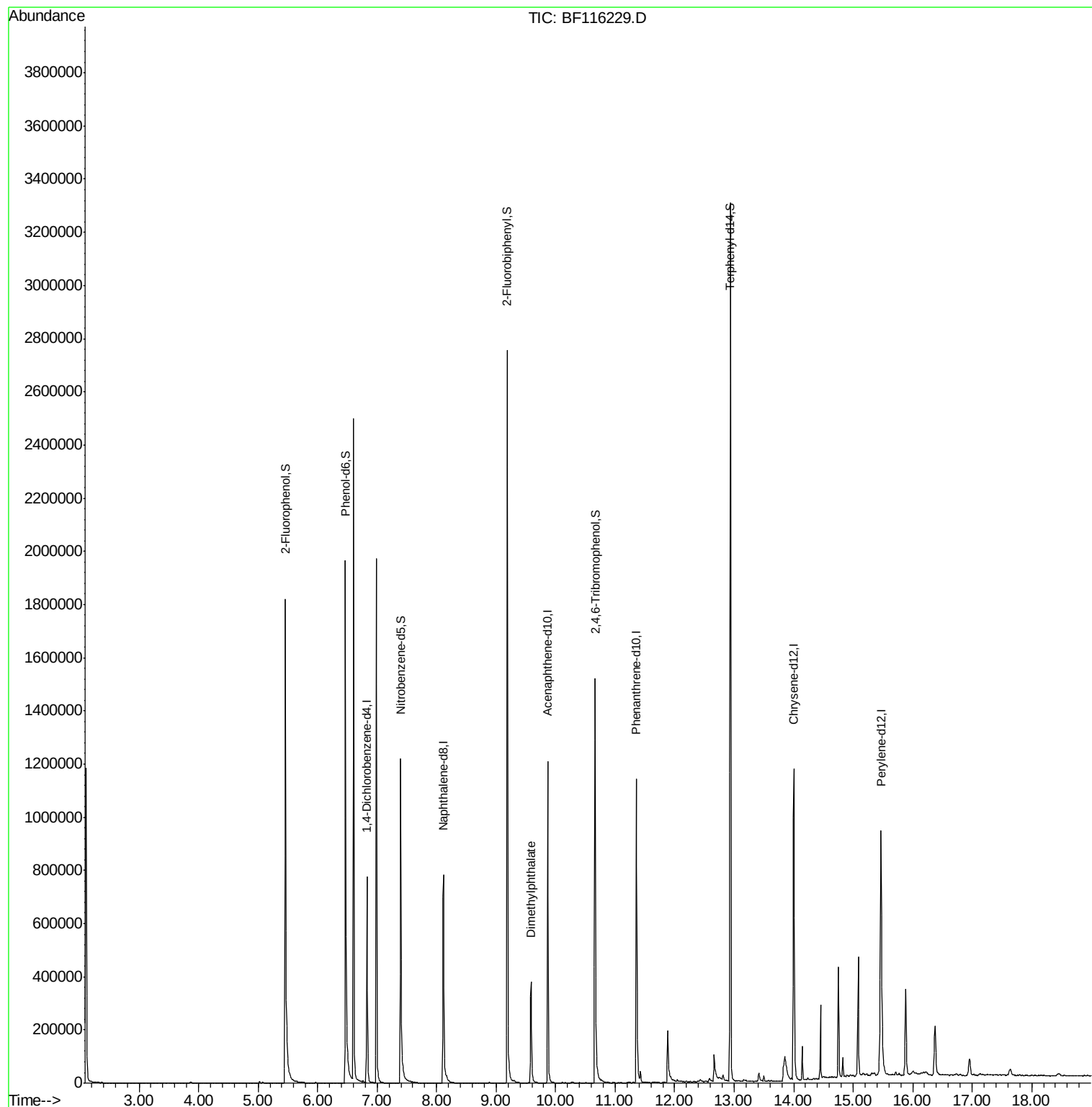
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	118193	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	470492	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	255420	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	495300	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	455319	20.00	ng	0.00
87) Perylene-d12	15.47	264	485446	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	649311	91.97	ng	-0.01
7) Phenol-d6	6.47	99	844663	94.82	ng	-0.02
23) Nitrobenzene-d5	7.40	82	540454	66.31	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	247295	99.86	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	948157	69.53	ng	-0.02
79) Terphenyl-d14	12.94	244	1163339	53.84	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	211453	12.159	ng	Qvalue 98

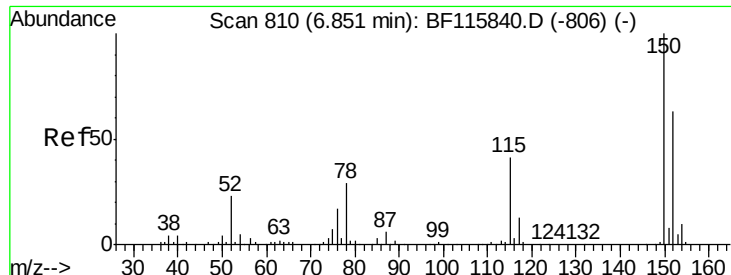
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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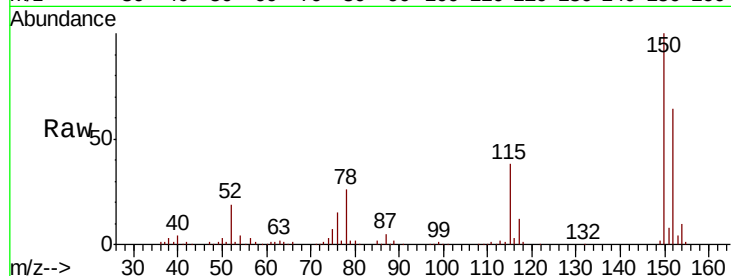


#1

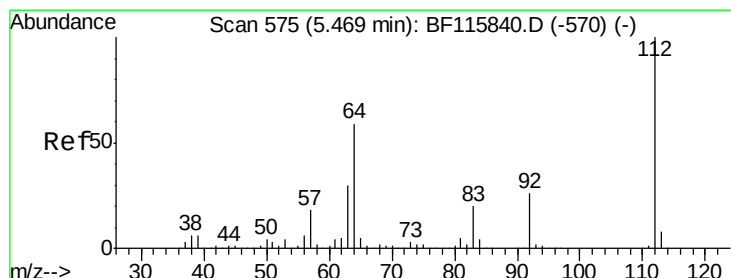
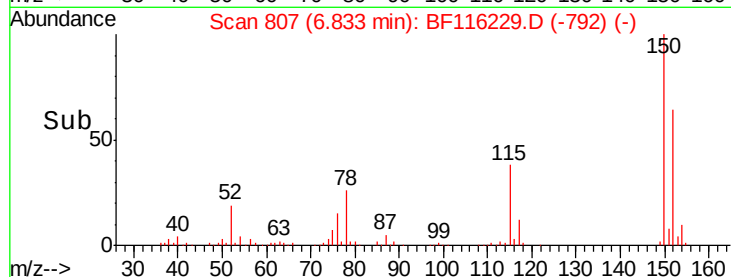
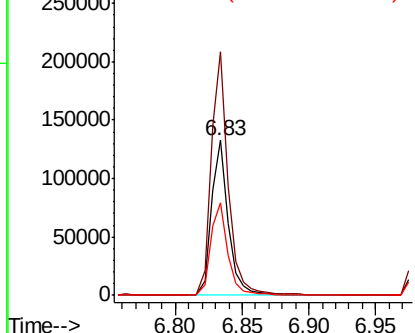
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116229.D
Acq: 13 Aug 2019 14:07

Instrument :
BNA_F
ClientSampled :
TP-14

Tot Ion:152 Resp: 118193
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 59.9 49.9 74.9



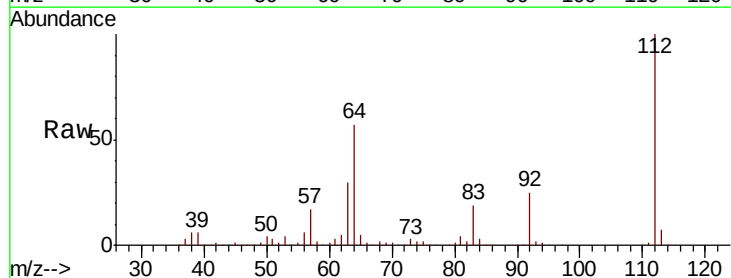
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



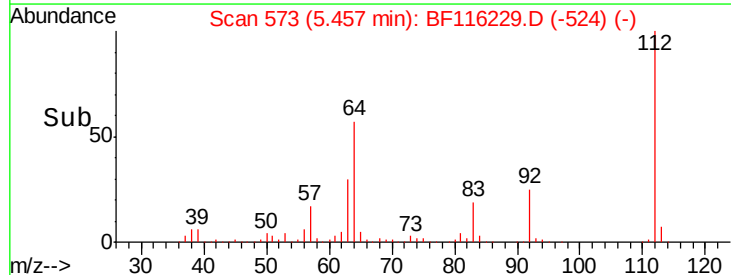
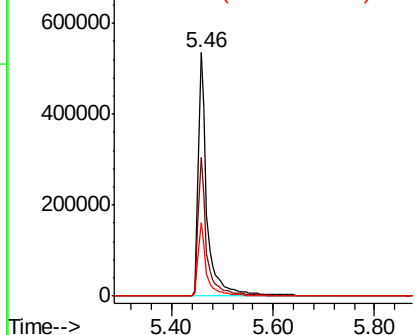
#5

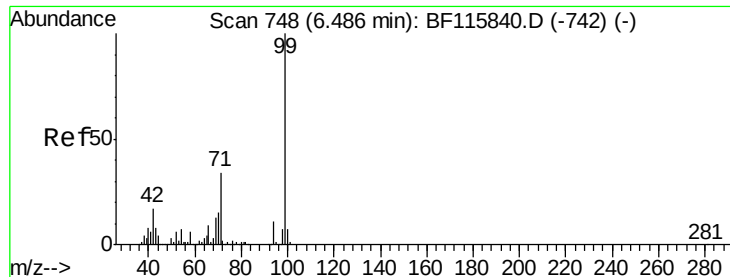
2-Fluorophenol
Concen: 91.967 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116229.D
Acq: 13 Aug 2019 14:07

Tgt Ion:112 Resp: 649311
Ion Ratio Lower Upper
112 100
64 56.8 45.4 68.2
63 30.2 23.7 35.5



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: 94.823 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116229.D

Acq: 13 Aug 2019 14:07

Instrument :

BNA_F

ClientSampled :

TP-14

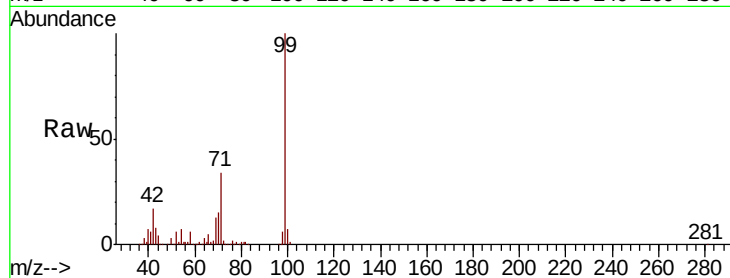
Tot Ion: 99 Resp: 844663

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.8

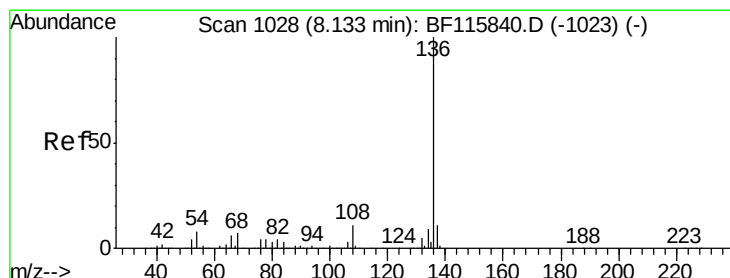
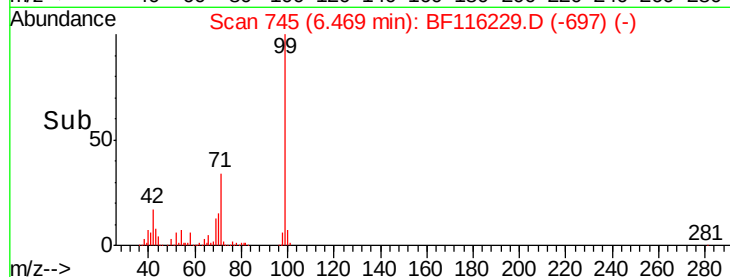
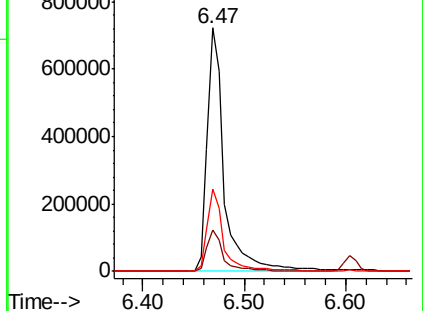
71 33.9 27.3 40.9



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116229.D

Acq: 13 Aug 2019 14:07

Tgt Ion: 136 Resp: 470492

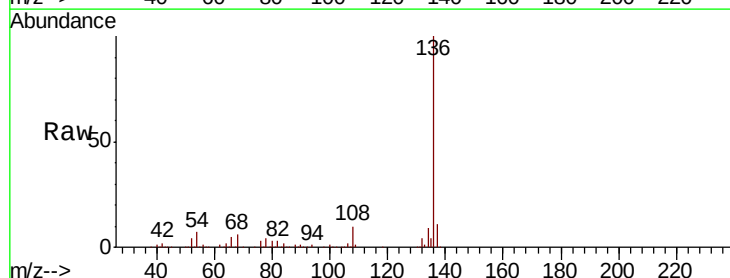
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.6 5.8 8.6

68 6.1 5.2 7.8

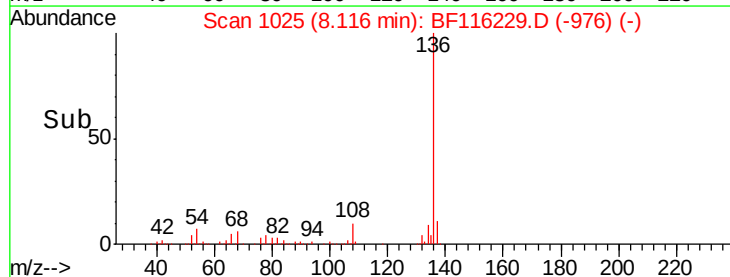
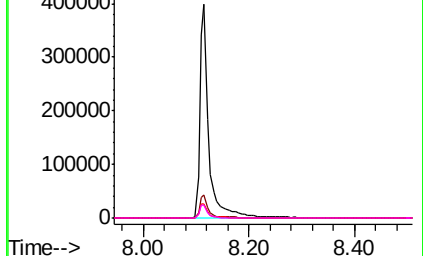


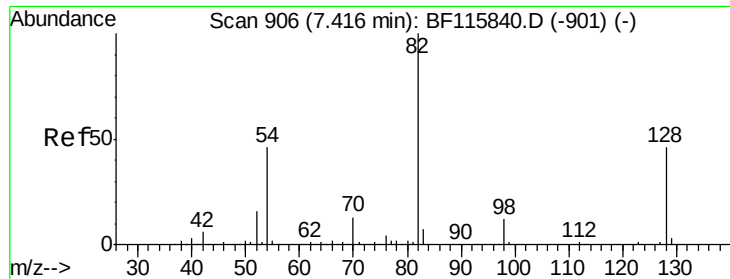
Abundance Ion 136.00 (135.70 to 136.70): E

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

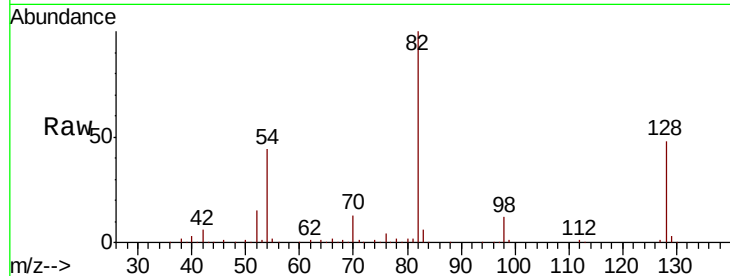




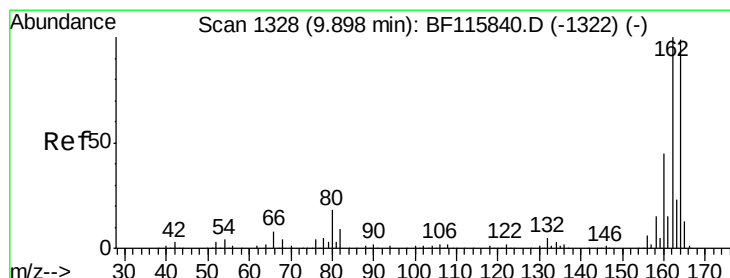
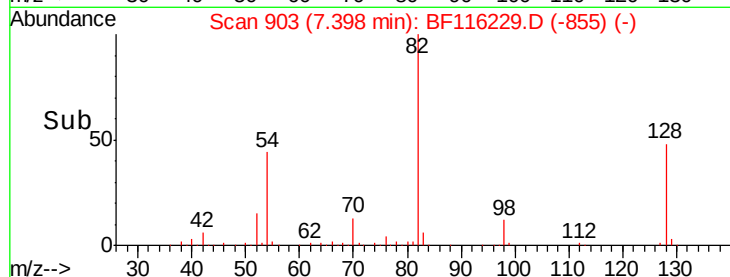
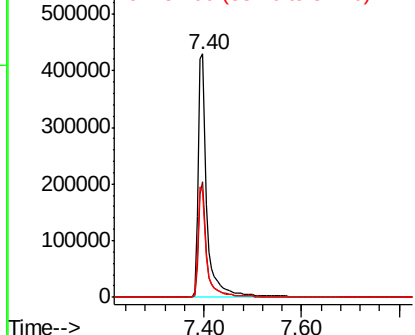
#23
 Nitrobenzene-d5
 Concen: 66.306 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116229.D
 Acq: 13 Aug 2019 14:07

Instrument :
 BNA_F
 ClientSampleID :
 TP-14

Tot Ion: 82 Resp: 540454
 Ion Ratio Lower Upper
 82 100
 128 47.7 36.5 54.7
 54 44.0 36.0 54.0

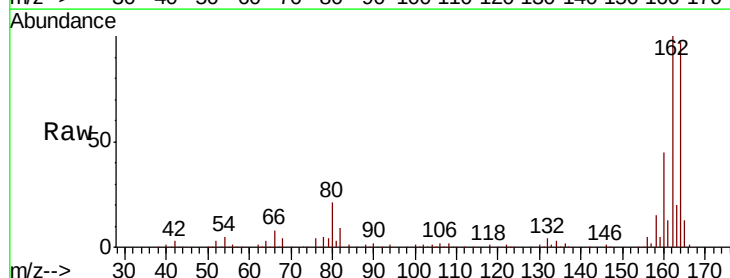


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

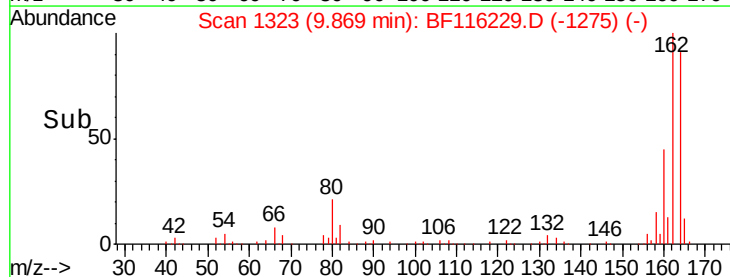
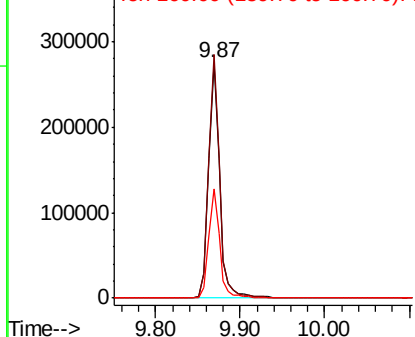


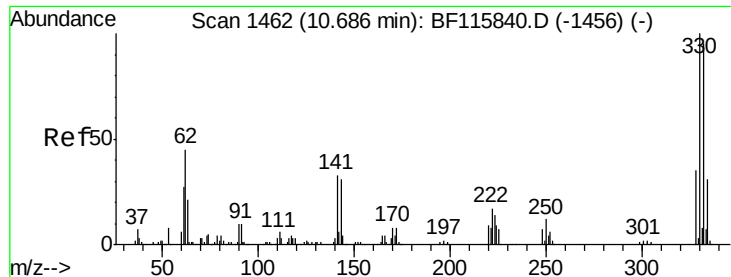
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116229.D
 Acq: 13 Aug 2019 14:07

Tgt Ion: 164 Resp: 255420
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.6 124.0
 160 46.4 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 99.862 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116229.D

Acq: 13 Aug 2019 14:07

Instrument :

BNA_F

ClientSampled :

TP-14

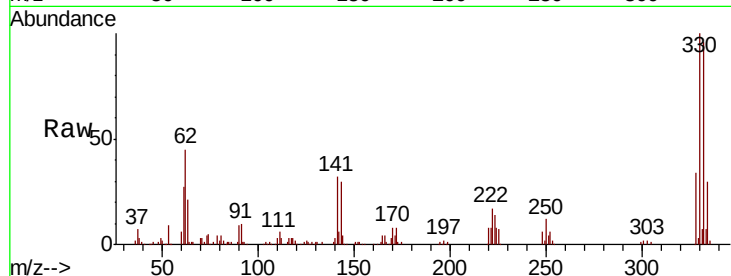
Tot Ion:330 Resp: 247295

Ion Ratio Lower Upper

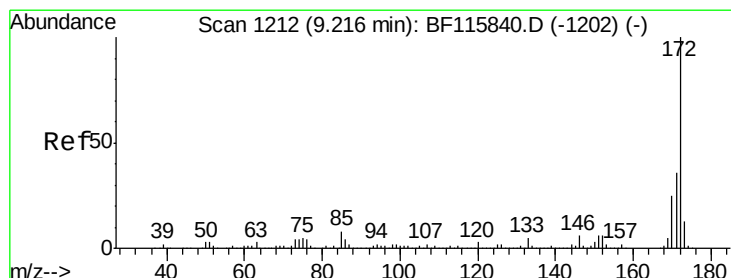
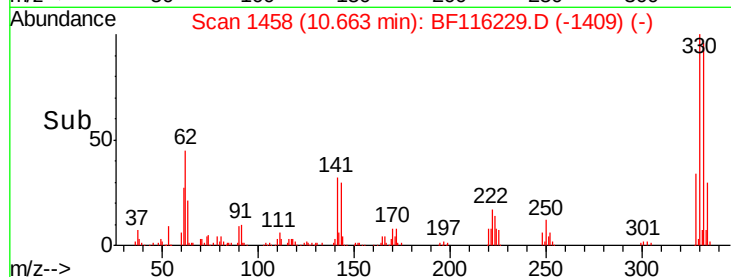
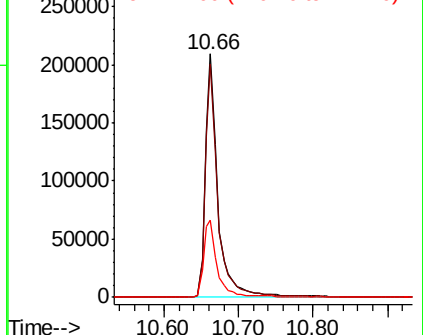
330 100

332 96.5 76.8 115.2

141 34.6 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: 69.531 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116229.D

Acq: 13 Aug 2019 14:07

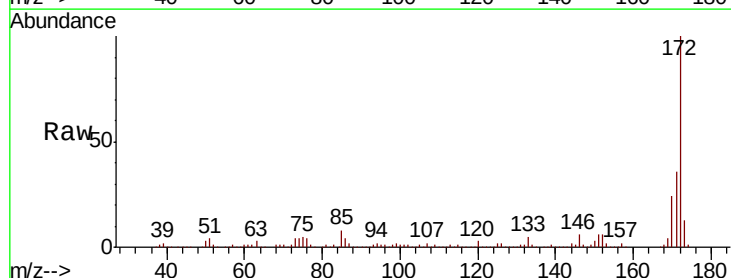
Tgt Ion:172 Resp: 948157

Ion Ratio Lower Upper

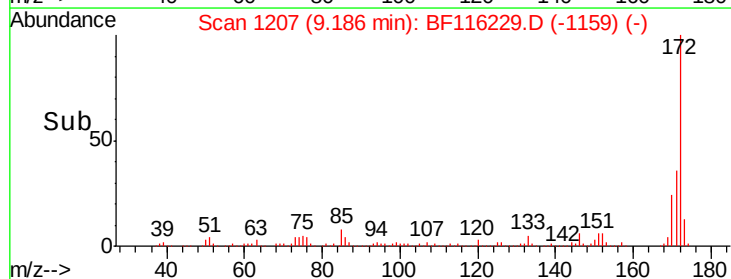
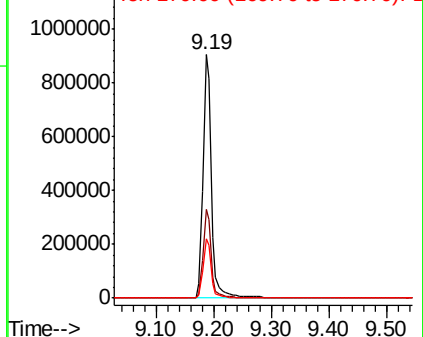
172 100

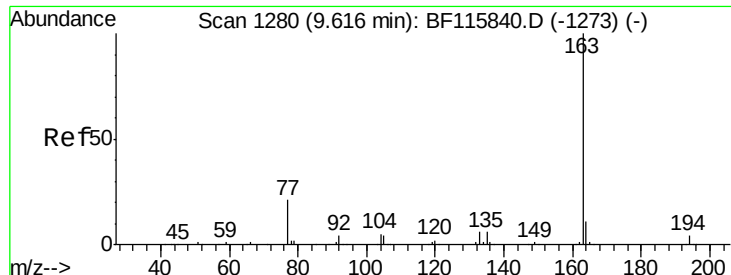
171 36.3 29.6 44.4

170 24.5 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

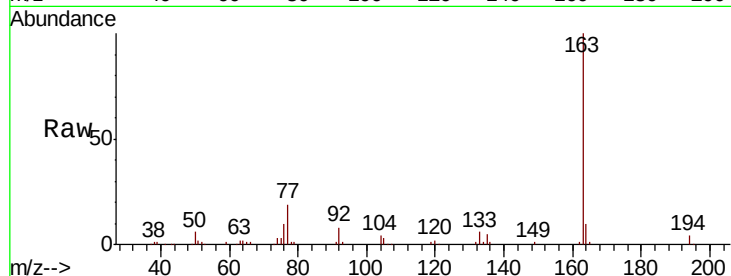




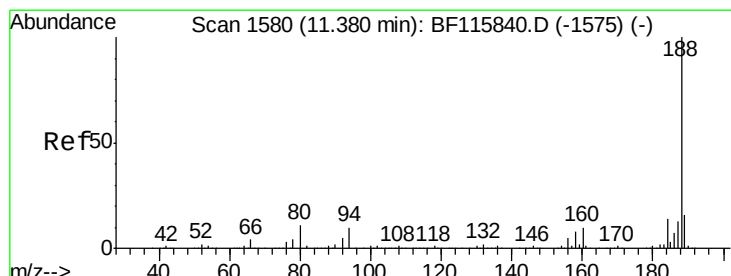
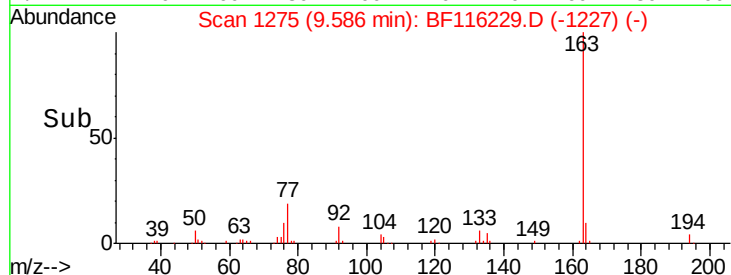
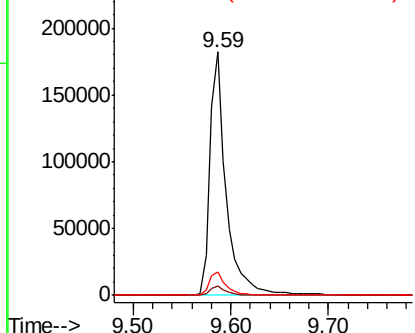
#50
Dimethylphthalate
Concen: 12.159 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116229.D
Acq: 13 Aug 2019 14:07

Instrument :
BNA_F
ClientSampleId :
TP-14

Tot Ion:163	Resp:	211453
Ion Ratio	Lower	Upper
163	100	
194	3.9	3.0 4.6
164	9.7	8.4 12.6

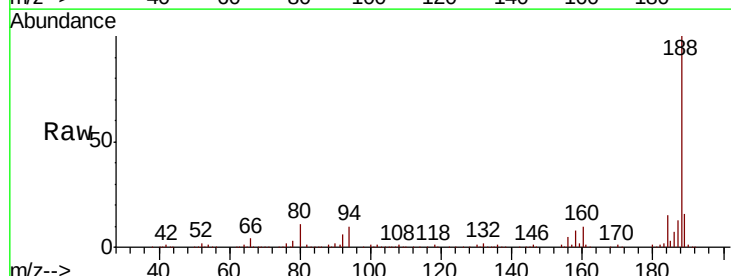


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

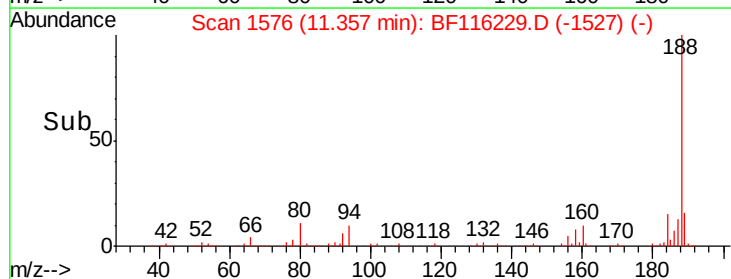
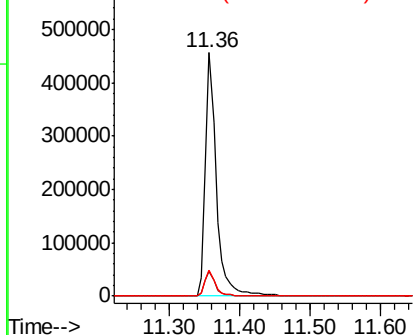


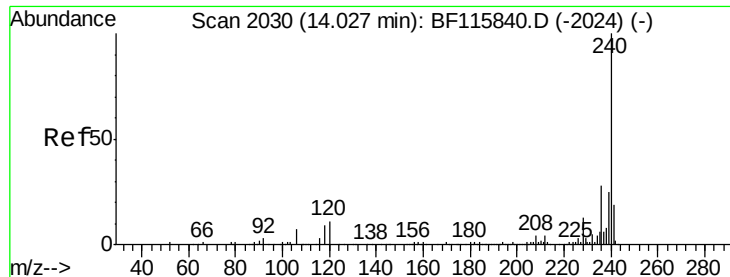
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116229.D
Acq: 13 Aug 2019 14:07

Tgt Ion:188	Resp:	495300
Ion Ratio	Lower	Upper
188	100	
94	10.0	8.1 12.1
80	10.9	8.7 13.1



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. -0.01 min

Lab File: BF116229.D

Acq: 13 Aug 2019 14:07

Instrument :

BNA_F

ClientSampled :

TP-14

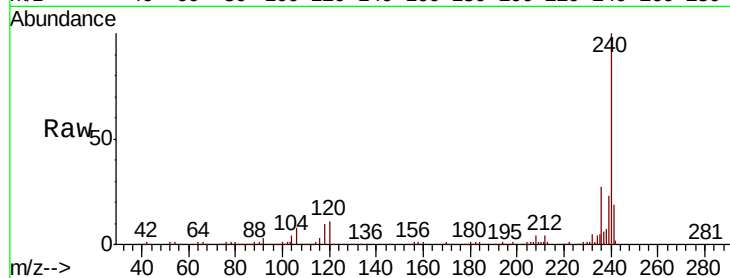
Tot Ion:240 Resp: 455319

Ion Ratio Lower Upper

240 100

120 10.9 10.7 16.1

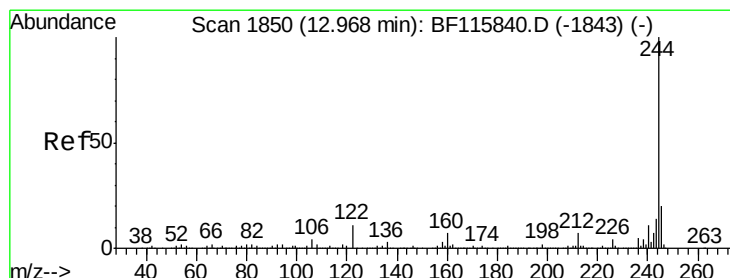
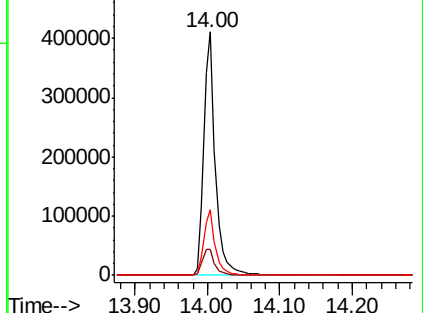
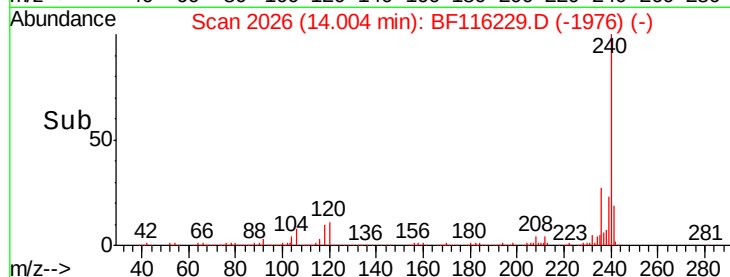
236 27.2 22.2 33.2



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: 53.838 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116229.D

Acq: 13 Aug 2019 14:07

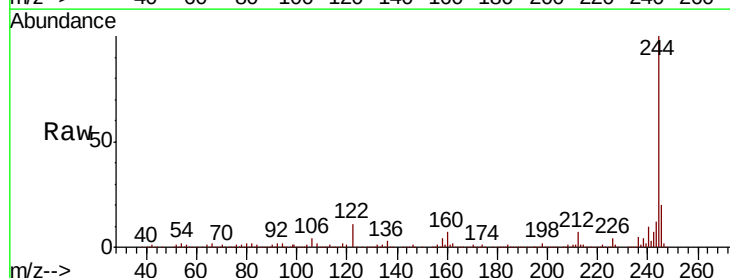
Tgt Ion:244 Resp: 1163339

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

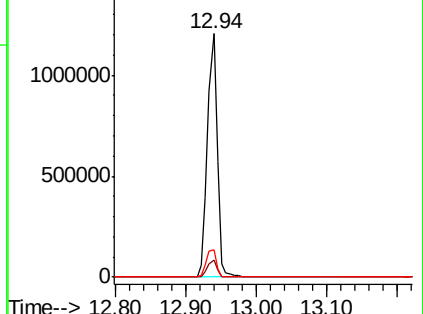
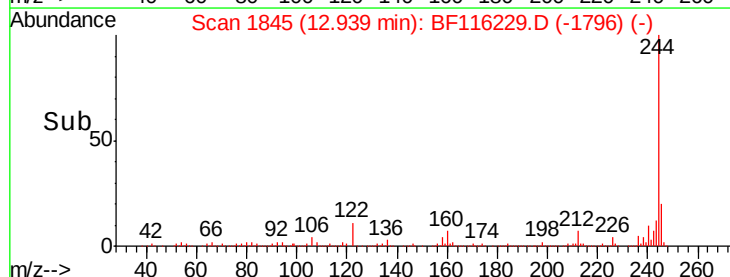
122 11.5 9.0 13.4

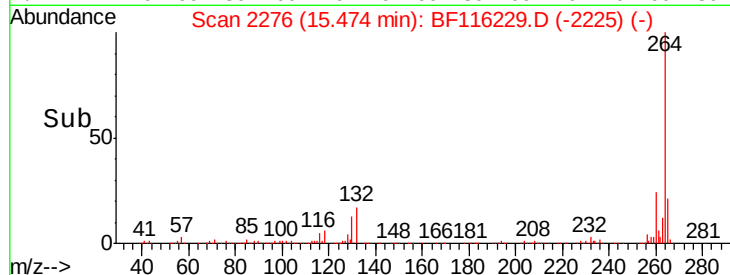
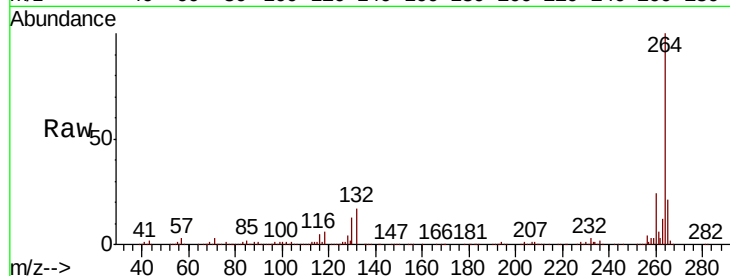
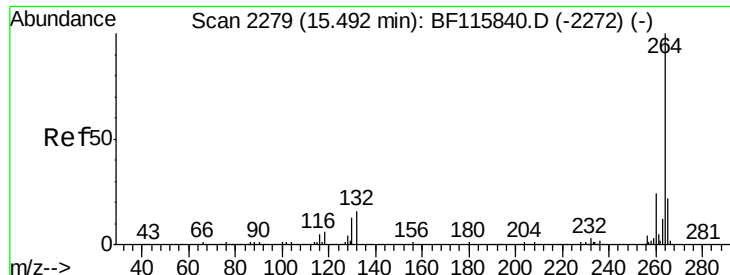


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BF116229.D
 Acq: 13 Aug 2019 14:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	20.9	17.4	26.0

