

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
 Data File : BF116386.D
 Acq On : 19 Aug 2019 13:36
 Operator : HP/JU
 Sample : K4356-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Aug 19 16:33:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

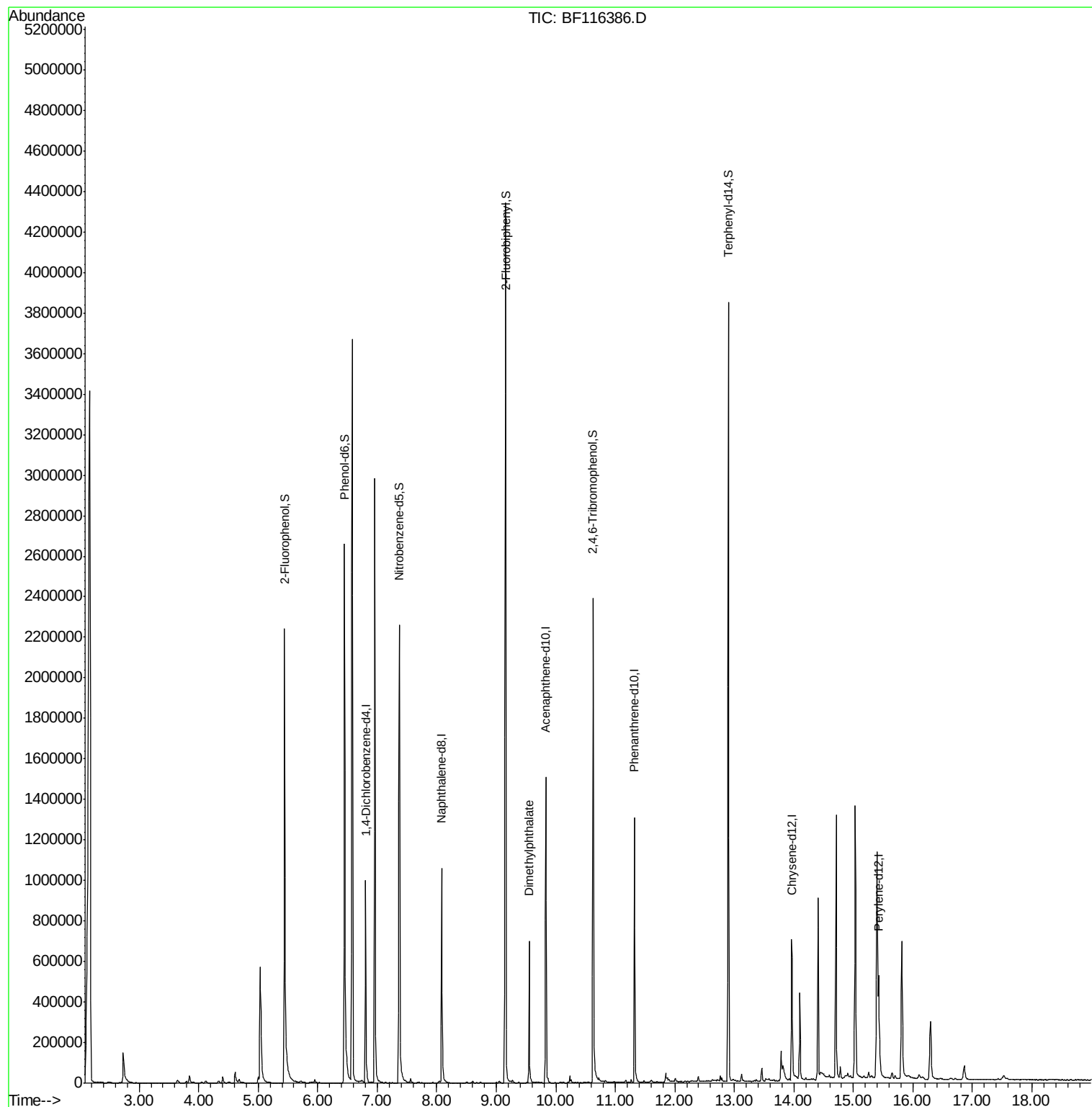
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	148380	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	574160	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	294758	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	475041	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	275182	20.00	ng	-0.02
87) Perylene-d12	15.42	264	271718	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	867980	97.93	ng	0.00
7) Phenol-d6	6.45	99	1135822	101.57	ng	-0.01
23) Nitrobenzene-d5	7.37	82	938248	94.33	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	323200	113.10	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1520428	96.62	ng	-0.01
79) Terphenyl-d14	12.90	244	1426200	109.21	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.55	163	278681	13.886	ng	Qvalue 99

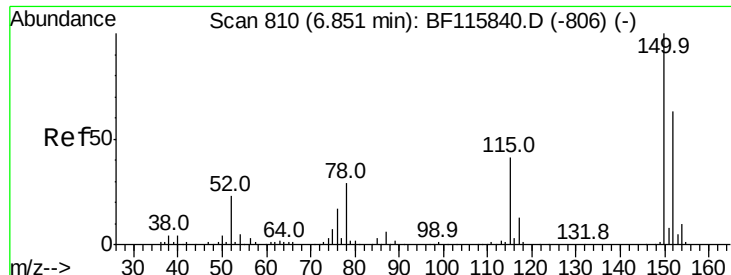
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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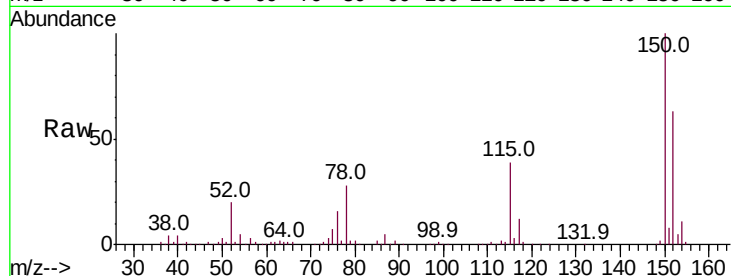


#1

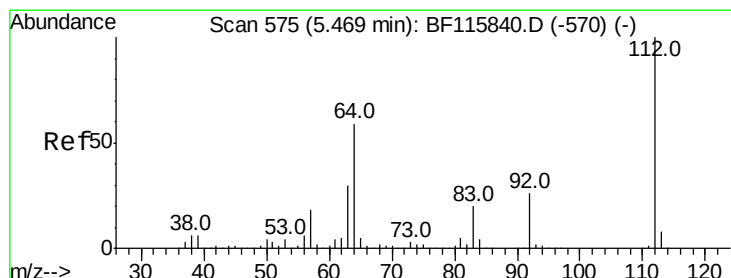
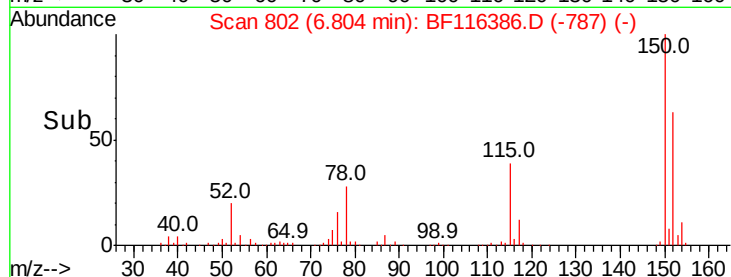
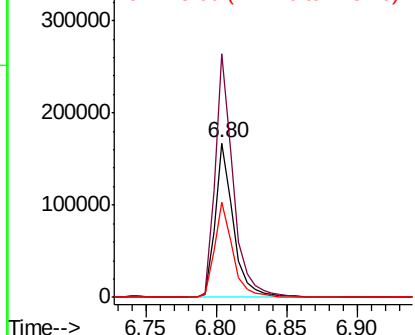
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116386.D
 Acq: 19 Aug 2019 13:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	61.5	49.9	74.9



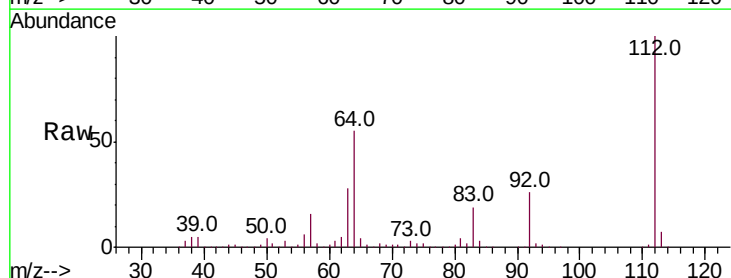
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



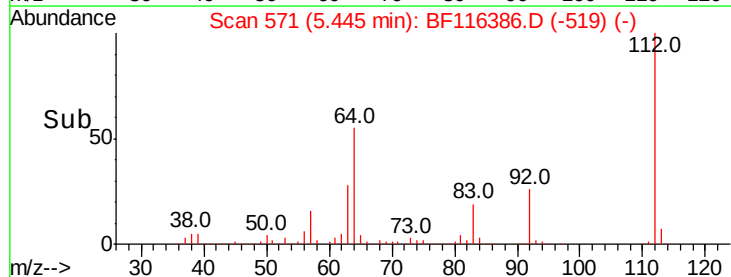
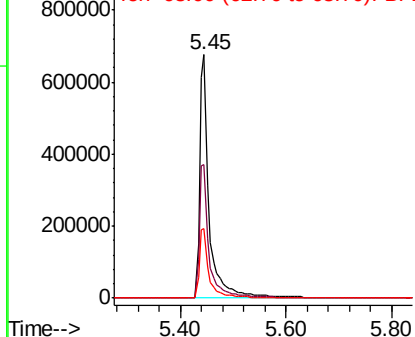
#5

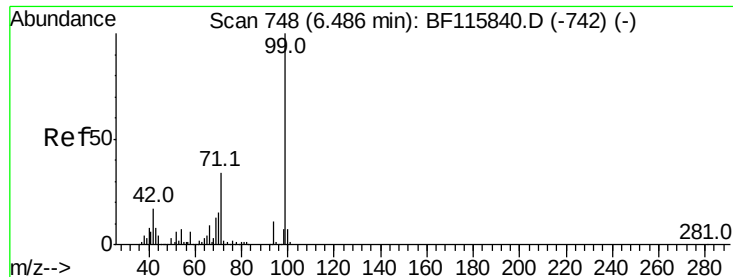
2-Fluorophenol
 Concen: 97.928 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF116386.D
 Acq: 19 Aug 2019 13:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	45.4	68.2
63	28.3	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: 101.568 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116386.D

Acq: 19 Aug 2019 13:36

Instrument :

BNA_F

ClientSampleId :

TP-3

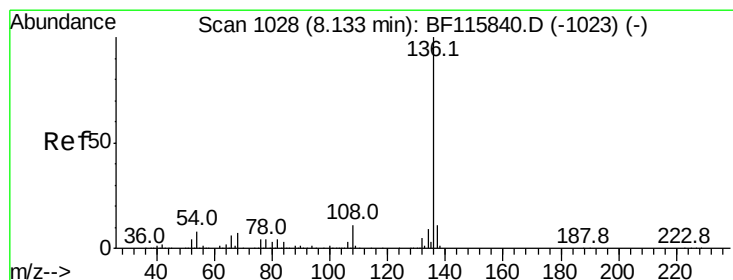
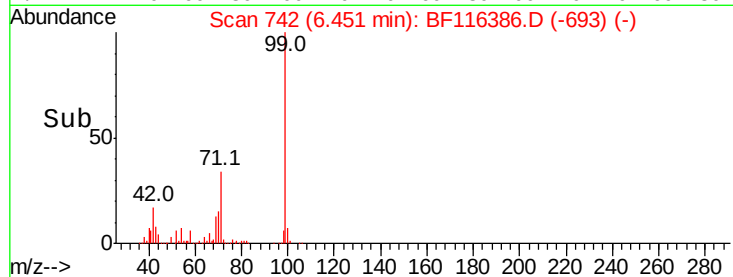
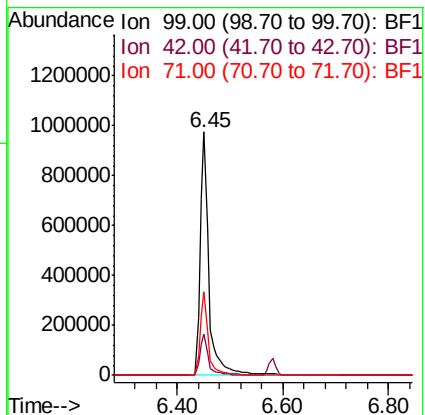
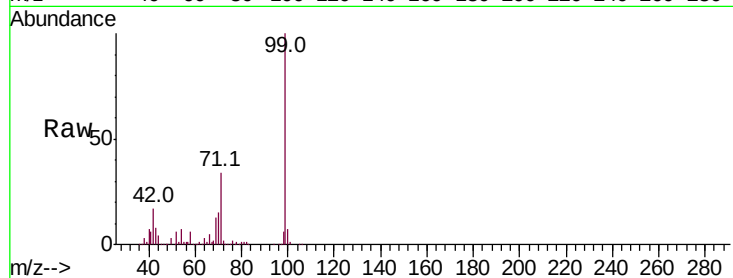
Tot Ion: 99 Resp: 1135822

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

71 34.2 27.3 40.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF116386.D

Acq: 19 Aug 2019 13:36

Tgt Ion: 136 Resp: 574160

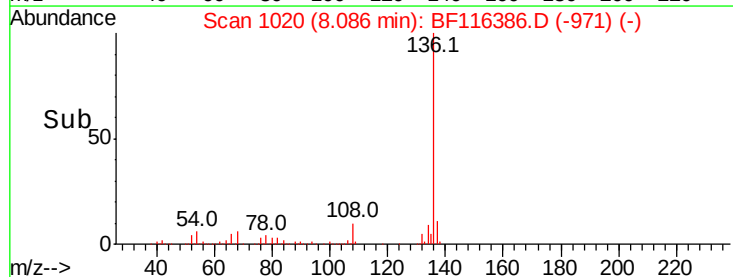
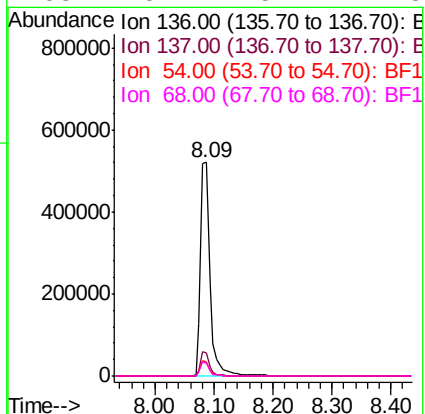
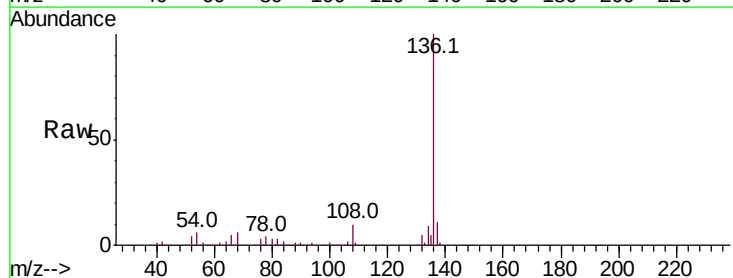
Ion Ratio Lower Upper

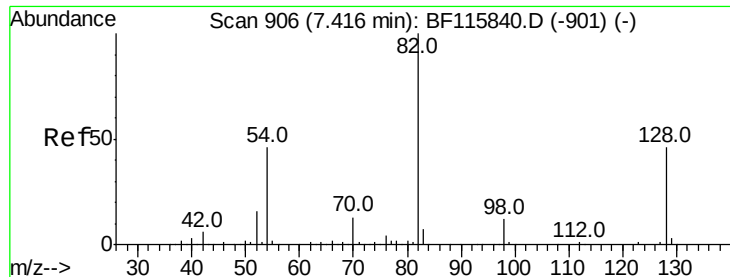
136 100

137 10.9 9.0 13.4

54 6.4 5.8 8.6

68 6.1 5.2 7.8

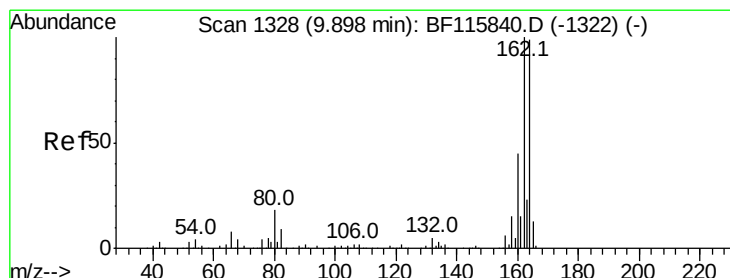
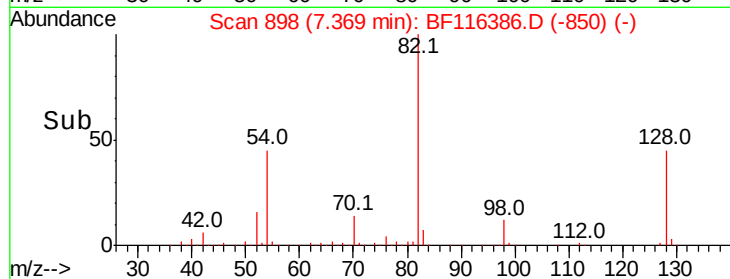
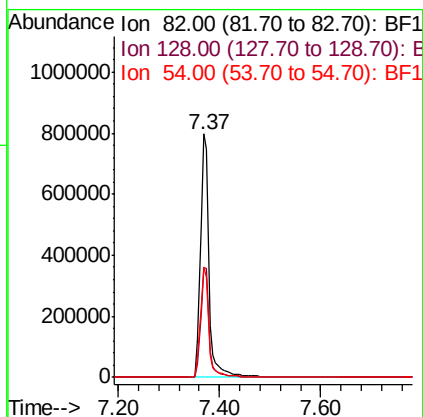
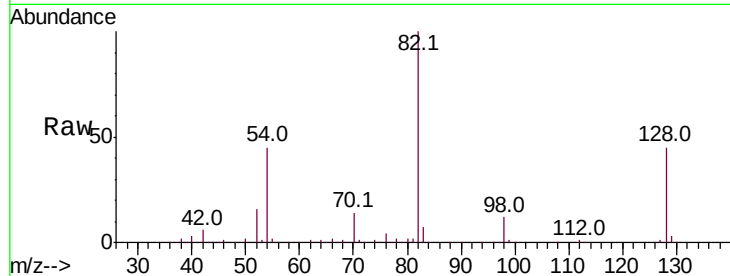




#23
 Nitrobenzene-d5
 Concen: 94.327 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116386.D
 Acq: 19 Aug 2019 13:36

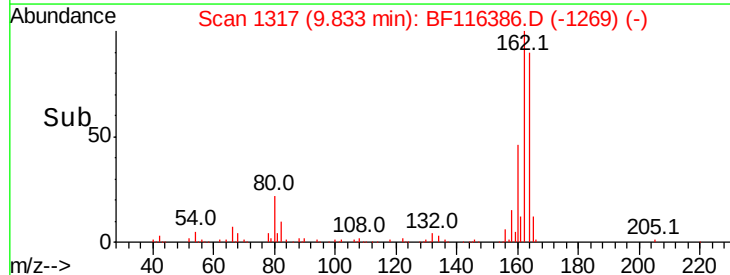
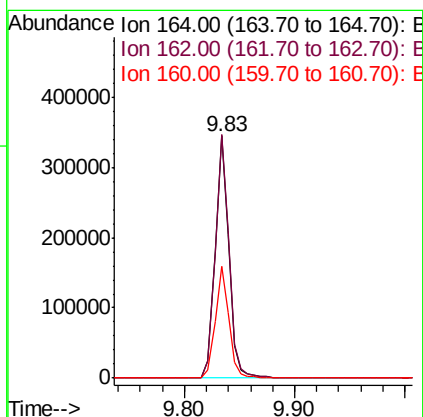
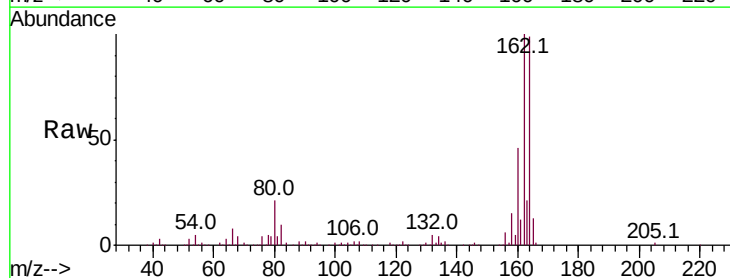
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

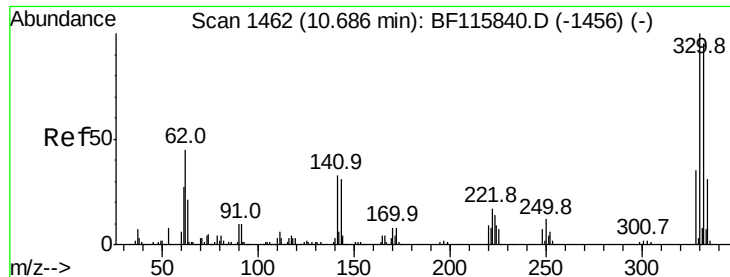
Tot Ion: 82 Resp: 938248
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.5 54.7
 54 45.5 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116386.D
 Acq: 19 Aug 2019 13:36

Tgt Ion:164 Resp: 294758
 Ion Ratio Lower Upper
 164 100
 162 100.5 82.6 124.0
 160 46.0 37.6 56.4

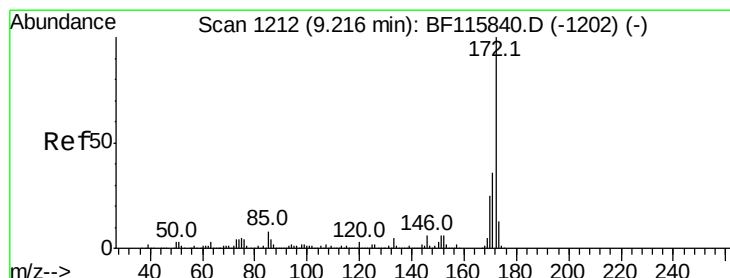
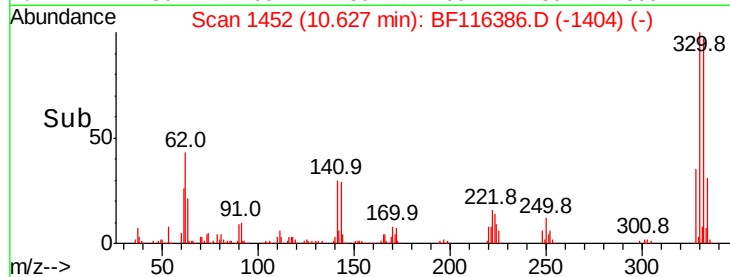
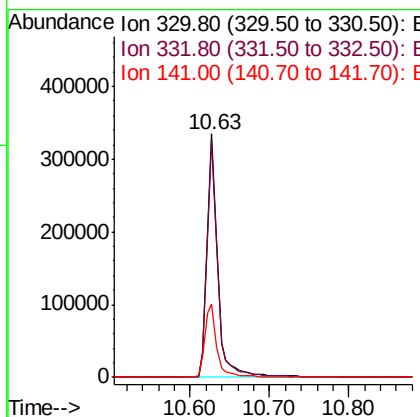
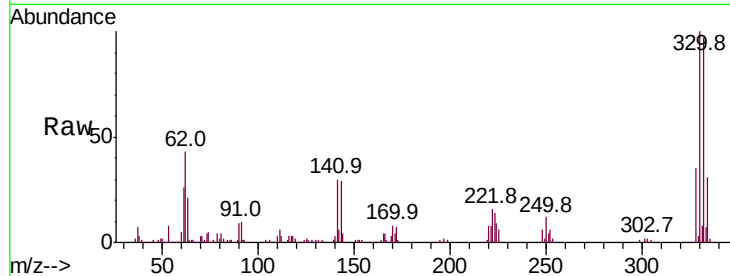




#42
2,4,6-Tribromophenol
Concen: 113.096 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BF116386.D
Acq: 19 Aug 2019 13:36

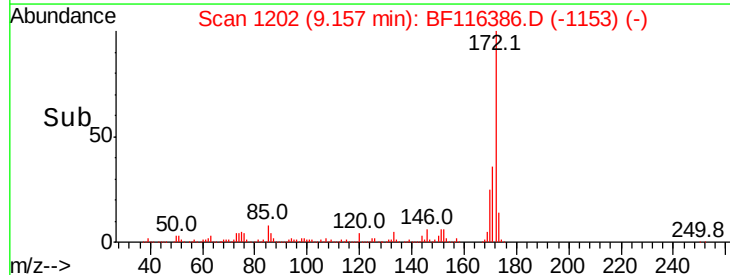
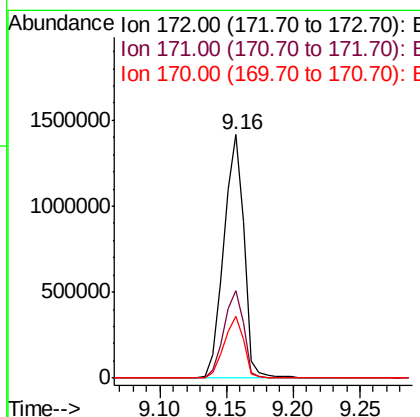
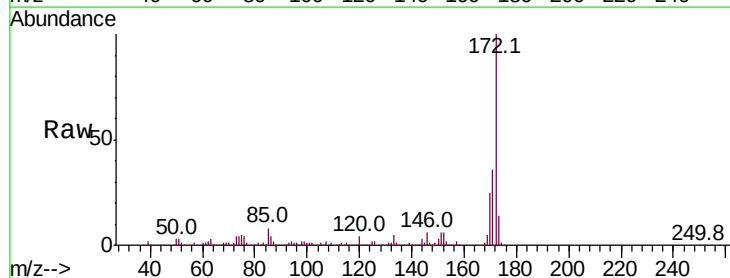
Instrument :
BNA_F
ClientSampled :
TP-3

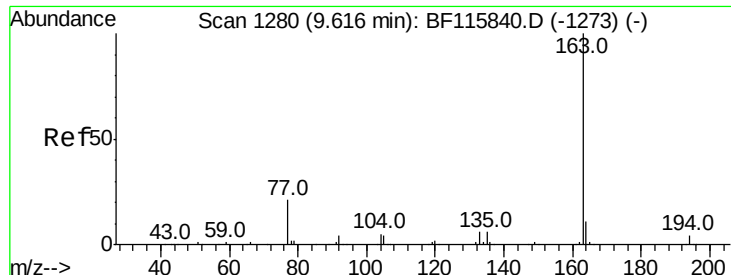
Tot Ion:330 Resp: 323200
Ion Ratio Lower Upper
330 100
332 97.2 76.8 115.2
141 33.6 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 96.617 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116386.D
Acq: 19 Aug 2019 13:36

Tgt Ion:172 Resp: 1520428
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 25.4 20.1 30.1





#50

Dimethylphthalate

Concen: 13.886 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF116386.D

Acq: 19 Aug 2019 13:36

Instrument :

BNA_F

ClientSampleId :

TP-3

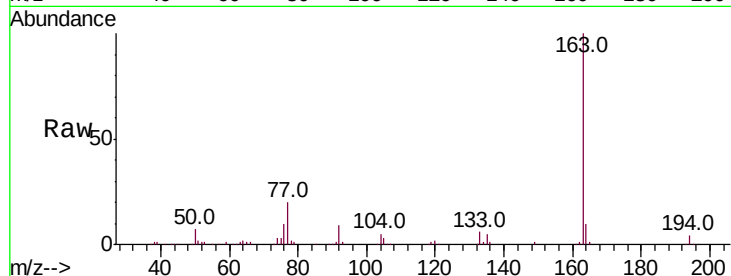
Tot Ion:163 Resp: 278681

Ion Ratio Lower Upper

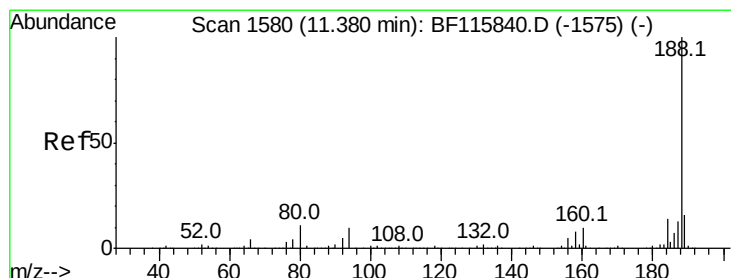
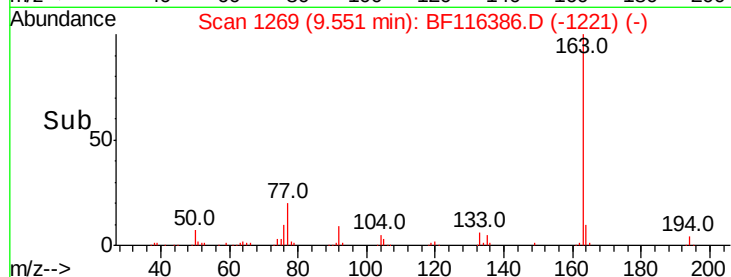
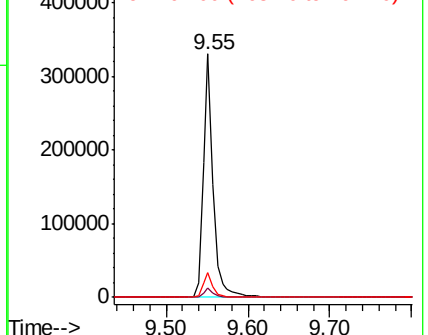
163 100

194 3.7 3.0 4.6

164 10.0 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: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF116386.D

Acq: 19 Aug 2019 13:36

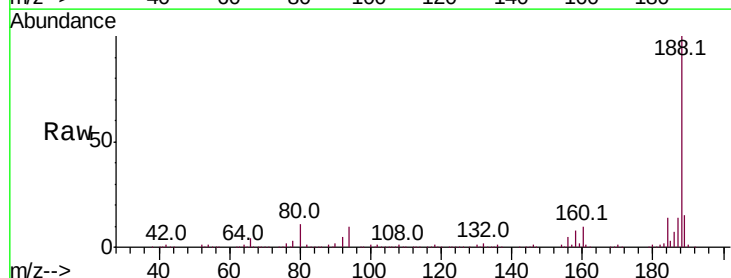
Tgt Ion:188 Resp: 475041

Ion Ratio Lower Upper

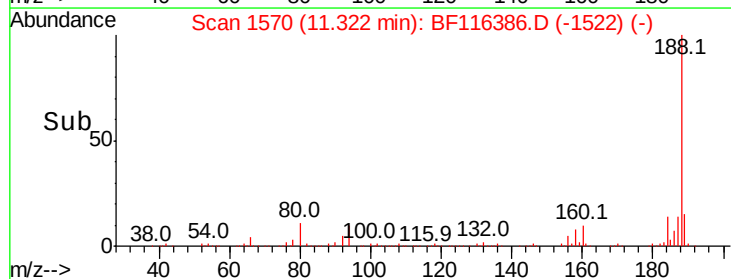
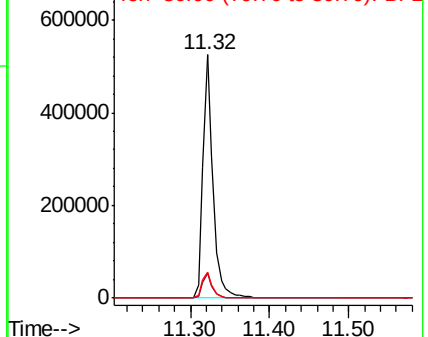
188 100

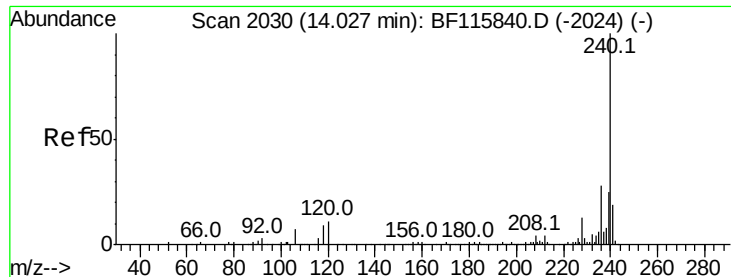
94 10.0 8.1 12.1

80 10.5 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: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF116386.D

Acq: 19 Aug 2019 13:36

Instrument :

BNA_F

ClientSampleId :

TP-3

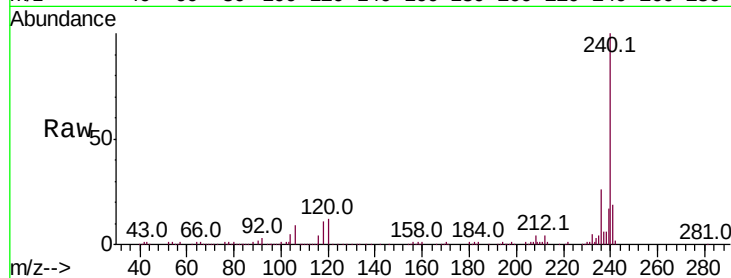
Tot Ion:240 Resp: 275182

Ion Ratio Lower Upper

240 100

120 12.2 10.7 16.1

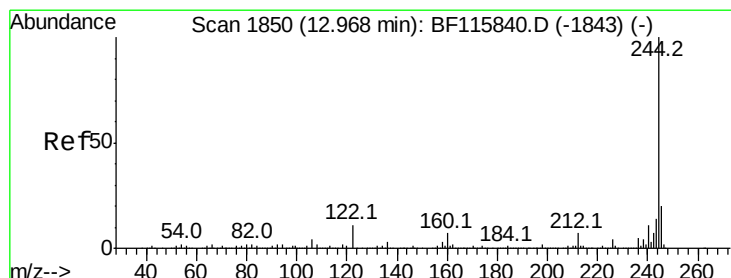
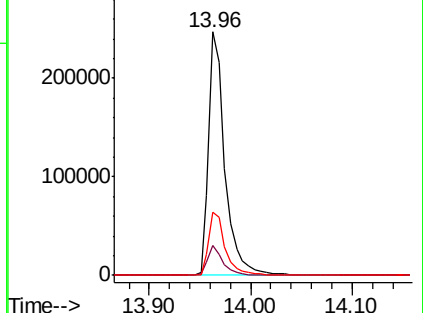
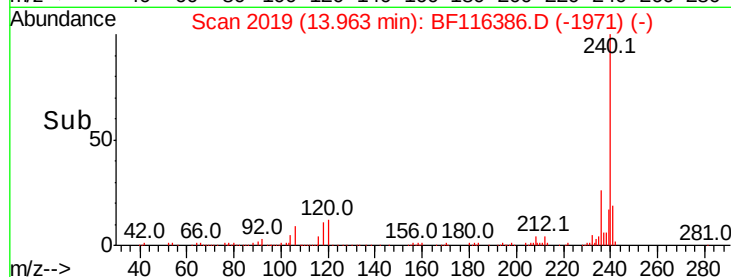
236 26.0 22.2 33.2



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: 109.209 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116386.D

Acq: 19 Aug 2019 13:36

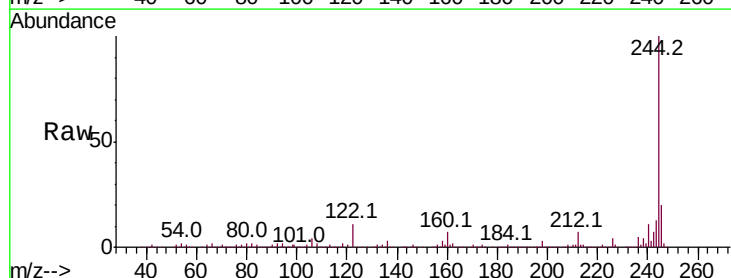
Tgt Ion:244 Resp: 1426200

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

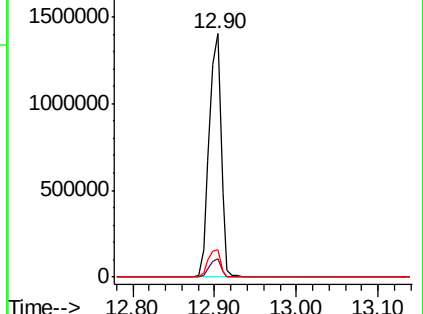
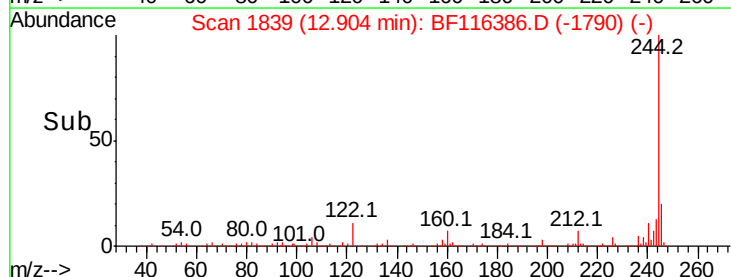
122 11.1 9.0 13.4

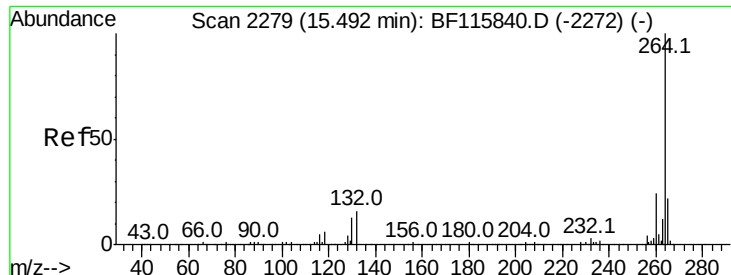


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF116386.D
 Acq: 19 Aug 2019 13:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.5	17.4	26.0

