

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116291.D
 Acq On : 15 Aug 2019 21:10
 Operator : HP/JU
 Sample : K4356-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Aug 16 04:42:16 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

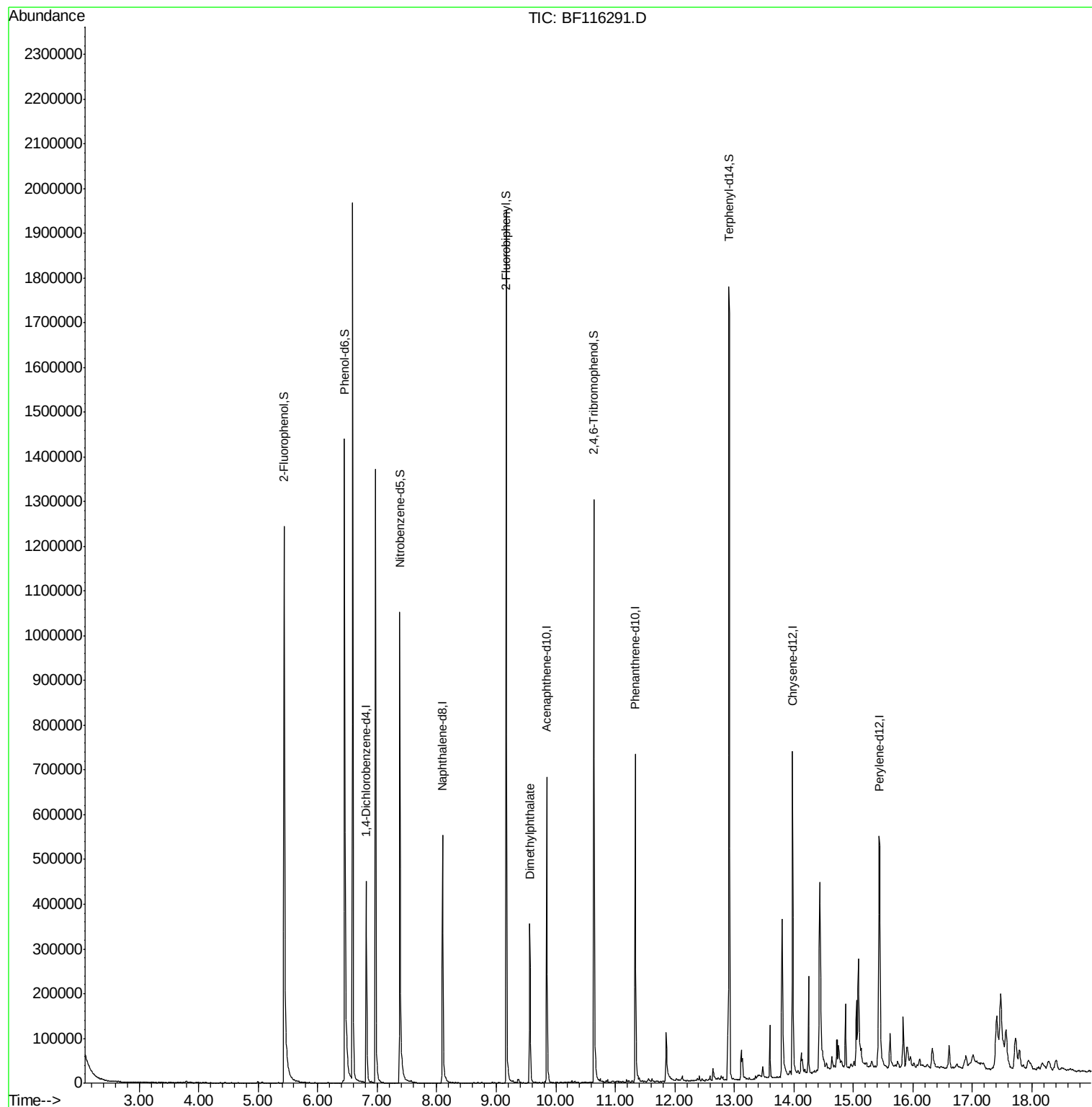
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	73047	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	283800	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	153909	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	297839	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	282362	20.00	ng	-0.03
87) Perylene-d12	15.44	264	283511	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	497496	114.01	ng	-0.04
7) Phenol-d6	6.46	99	651010	118.25	ng	-0.03
23) Nitrobenzene-d5	7.38	82	409848	83.36	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	168991	113.25	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	575443	70.03	ng	-0.04
79) Terphenyl-d14	12.92	244	640877	47.83	ng	-0.04
Target Compounds						
50) Dimethylphthalate	9.56	163	150644	14.375	ng	Qvalue 99

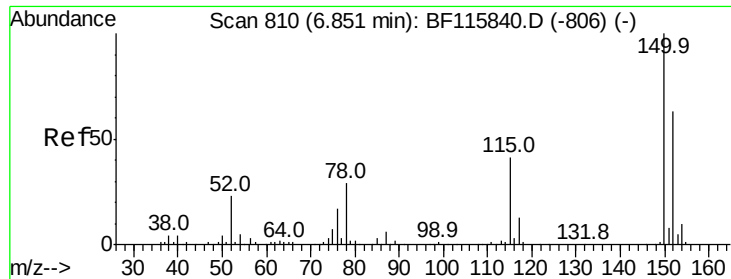
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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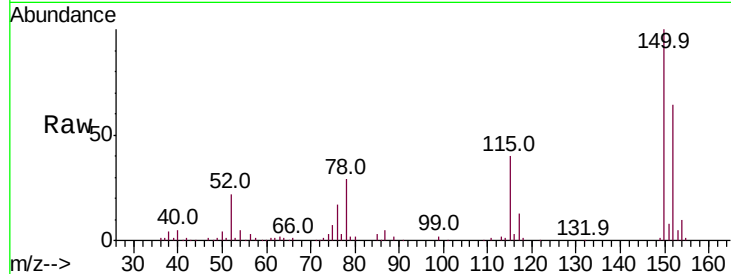


#1

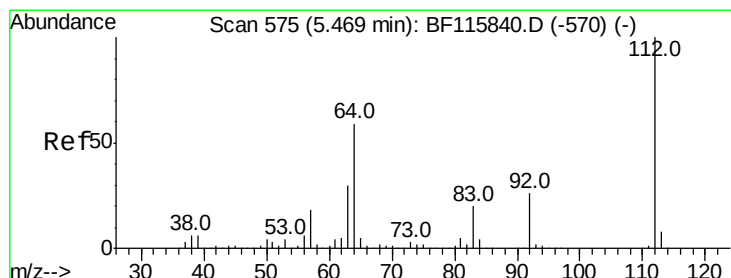
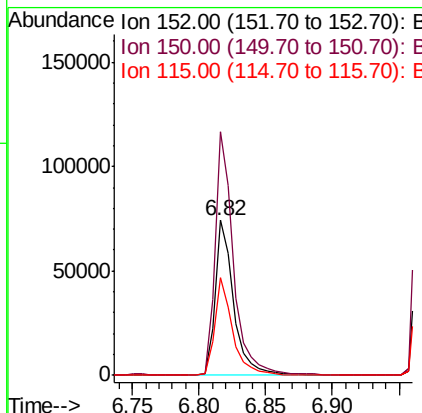
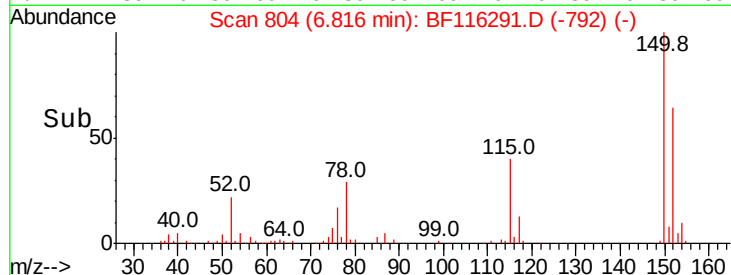
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116291.D
Acq: 15 Aug 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion:152 Resp: 73047
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 62.9 49.9 74.9



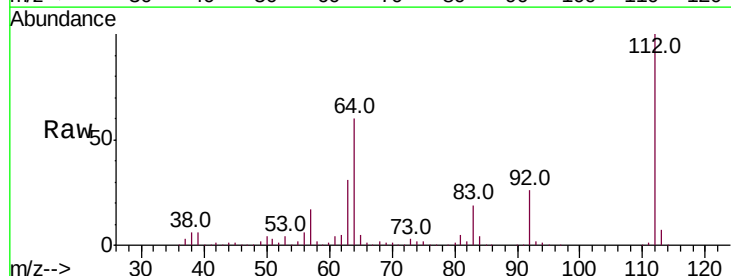
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



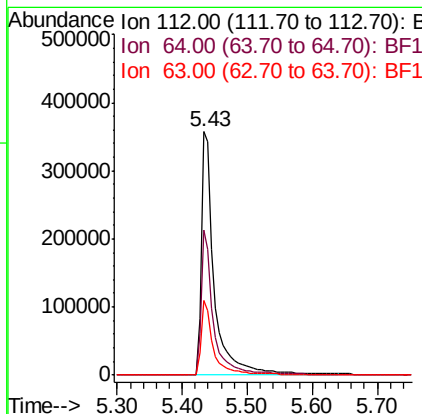
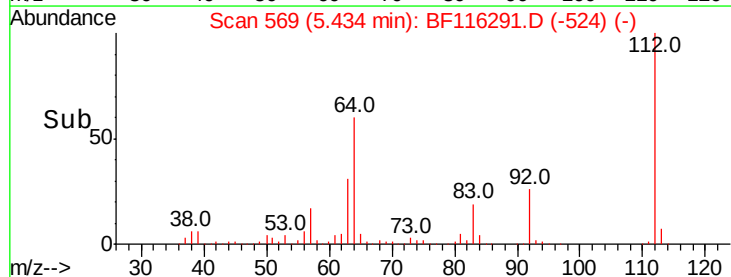
#5

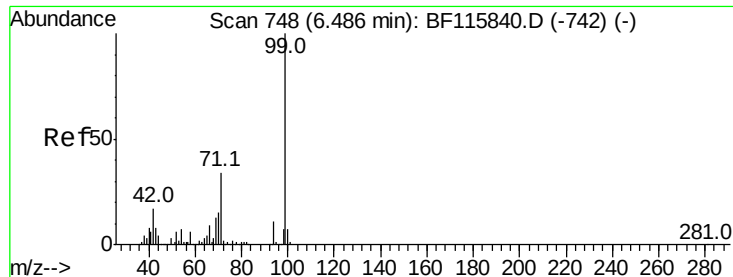
2-Fluorophenol
Concen: 114.014 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.04 min
Lab File: BF116291.D
Acq: 15 Aug 2019 21:10

Tgt Ion:112 Resp: 497496
Ion Ratio Lower Upper
112 100
64 59.8 45.4 68.2
63 30.8 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: 118.252 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116291.D

Acq: 15 Aug 2019 21:10

Instrument :

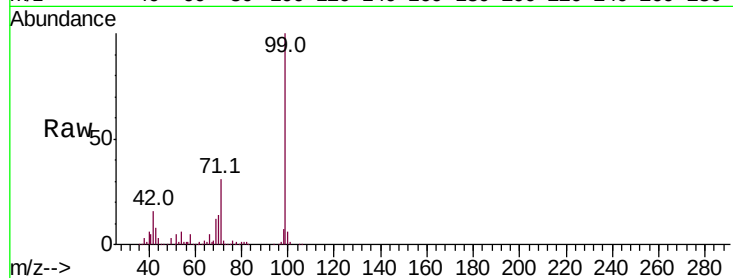
BNA_F

ClientSampleId :

TP-4

Tot Ion: 99 Resp: 651010

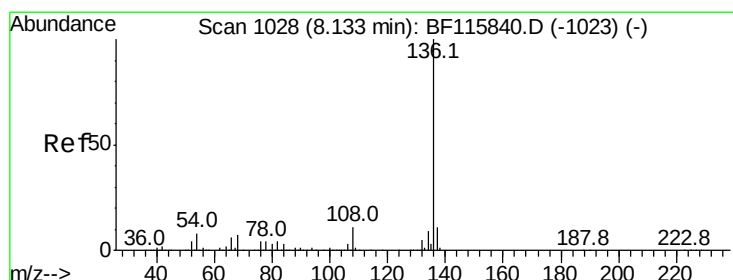
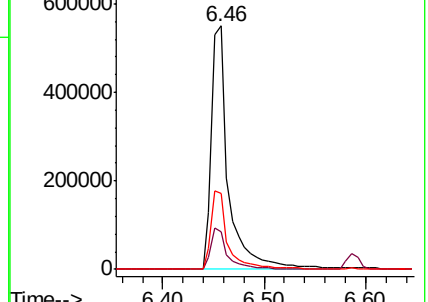
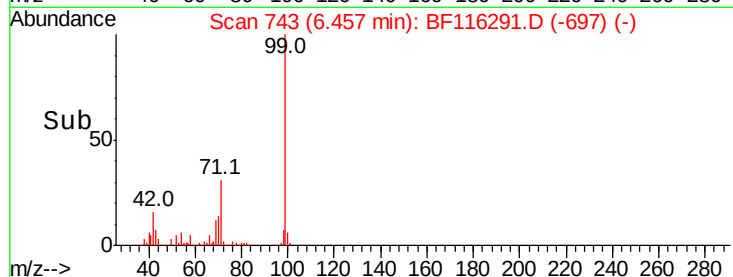
Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.8	20.8
71	31.2	27.3	40.9



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: 8.10 min Scan# 1022

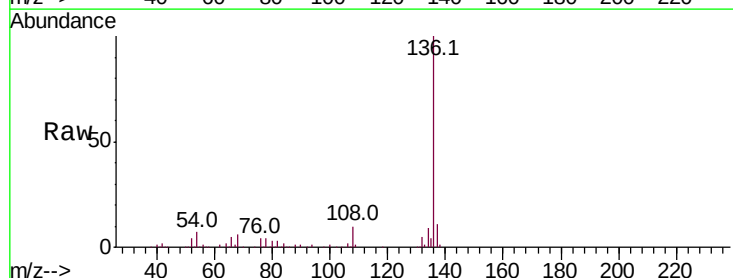
Delta R.T. -0.03 min

Lab File: BF116291.D

Acq: 15 Aug 2019 21:10

Tgt Ion: 136 Resp: 283800

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.9	5.8	8.6
68	6.0	5.2	7.8

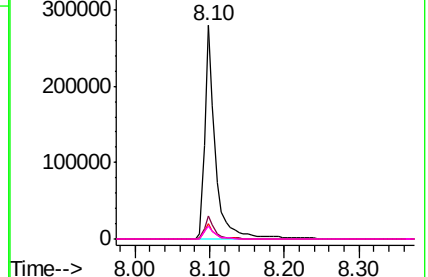
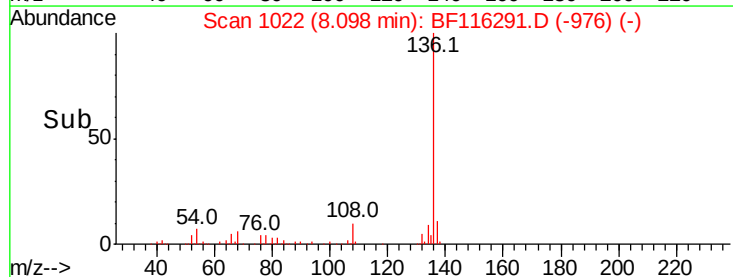


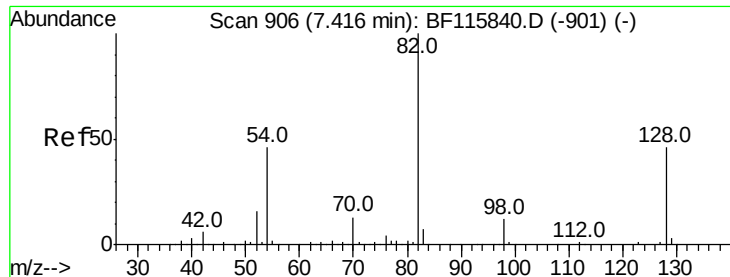
Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.360 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF116291.D

Acq: 15 Aug 2019 21:10

Instrument :

BNA_F

ClientSampled :

TP-4

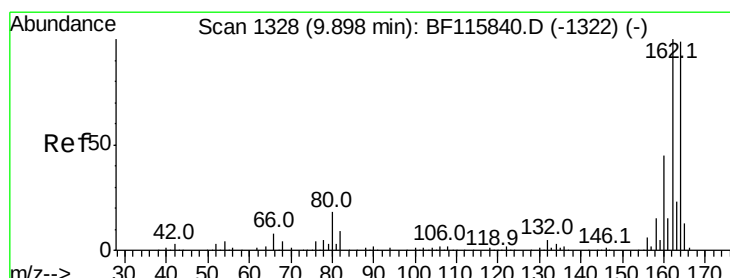
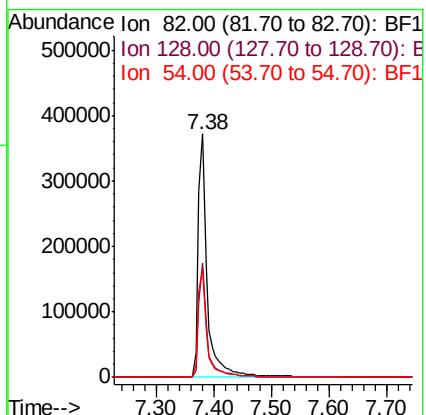
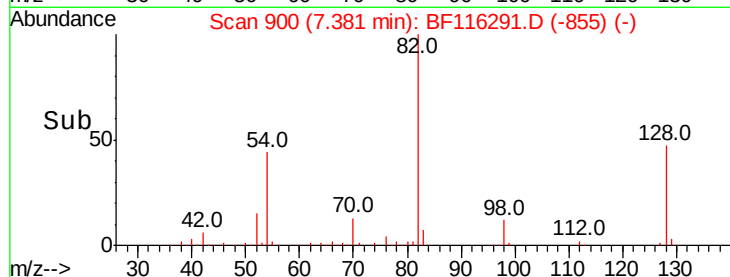
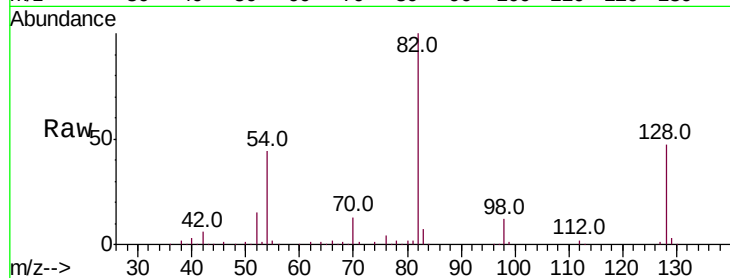
Tot Ion: 82 Resp: 409848

Ion Ratio Lower Upper

82 100

128 46.9 36.5 54.7

54 44.2 36.0 54.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF116291.D

Acq: 15 Aug 2019 21:10

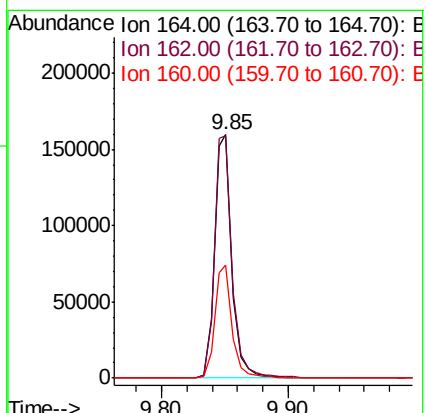
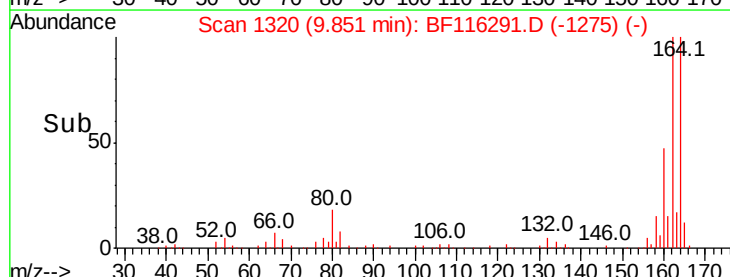
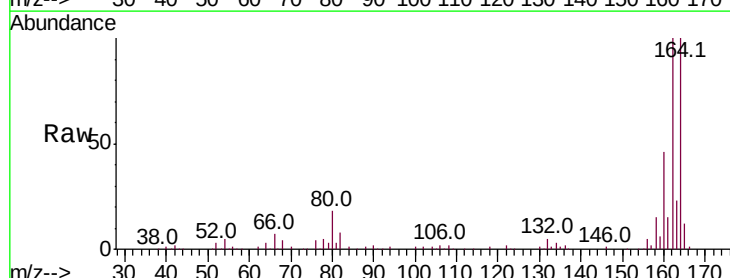
Tgt Ion: 164 Resp: 153909

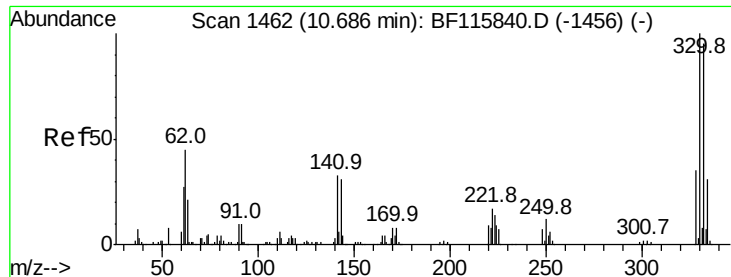
Ion Ratio Lower Upper

164 100

162 99.6 82.6 124.0

160 46.5 37.6 56.4

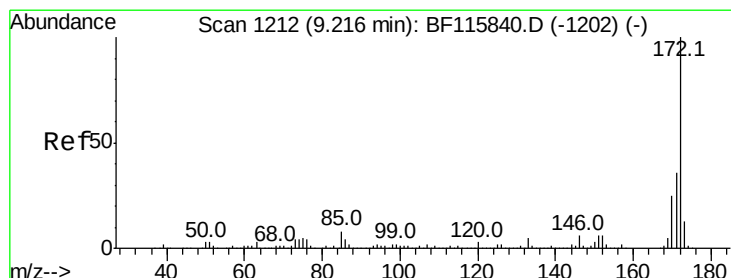
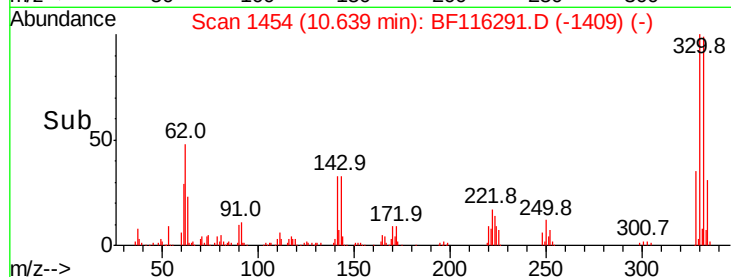
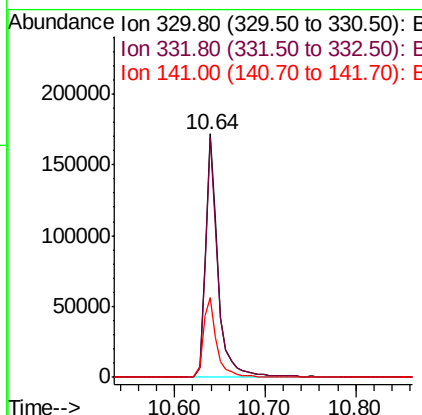
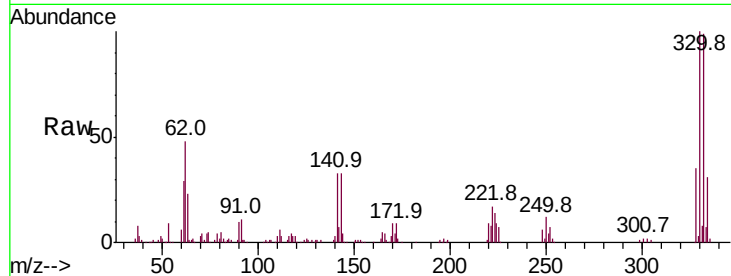




#42
 2,4,6-Tribromophenol
 Concen: 113.250 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116291.D
 Acq: 15 Aug 2019 21:10

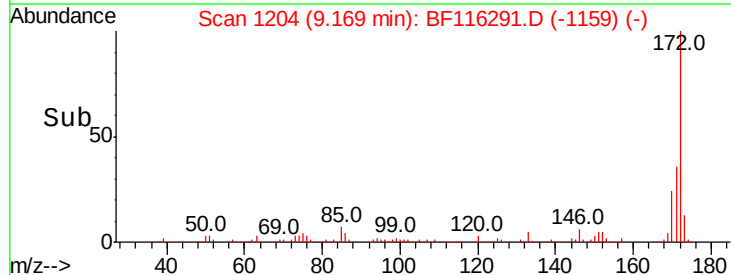
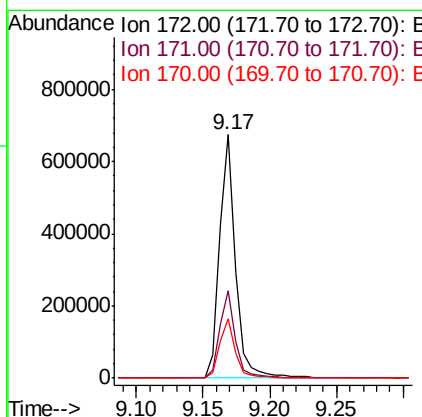
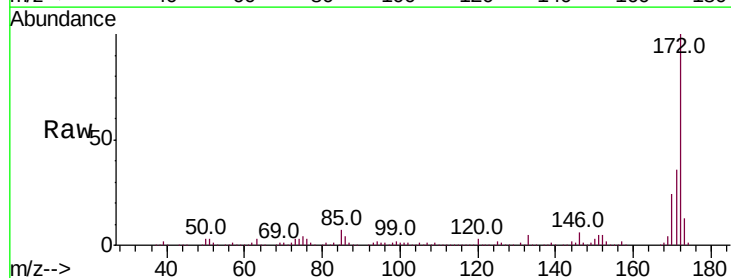
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

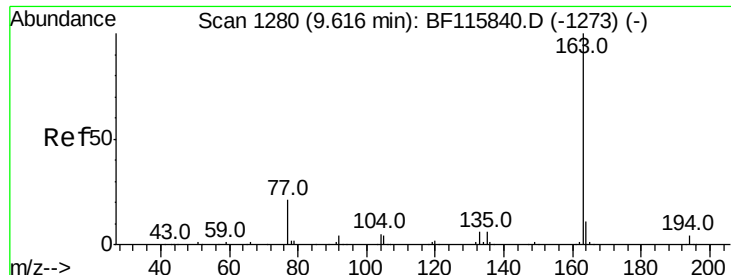
Tot Ion:330 Resp: 168991
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.8 115.2
 141 34.4 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 70.031 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116291.D
 Acq: 15 Aug 2019 21:10

Tgt Ion:172 Resp: 575443
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.2 20.1 30.1

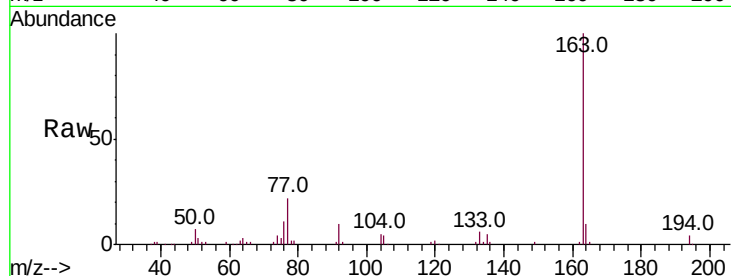




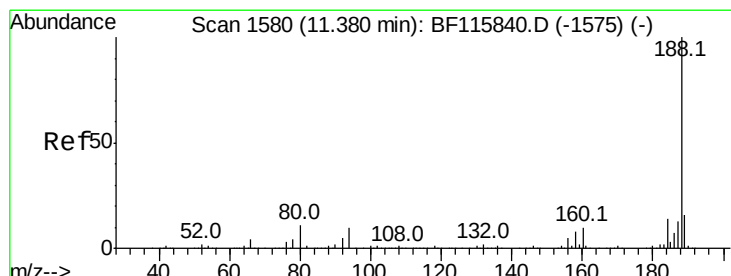
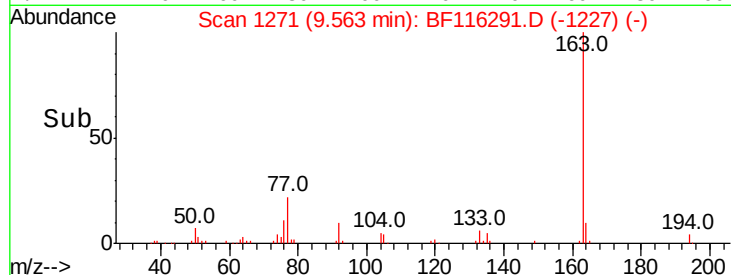
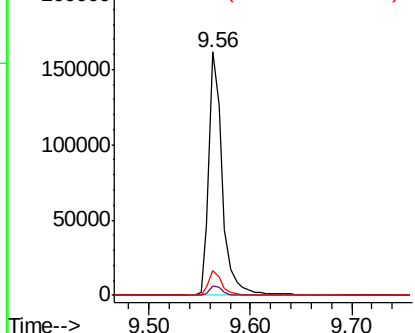
#50
Dimethylphthalate
Concen: 14.375 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.04 min
Lab File: BF116291.D
Acq: 15 Aug 2019 21:10

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion:163 Resp: 150644
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.1 8.4 12.6

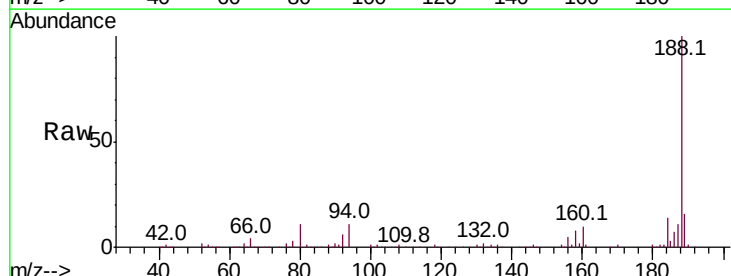


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

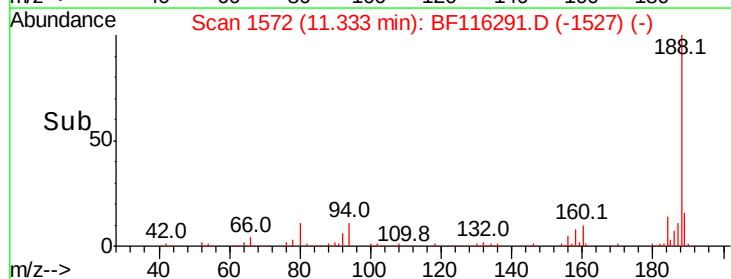
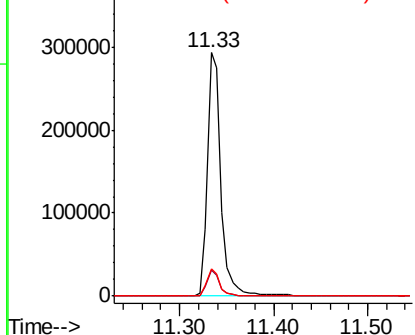


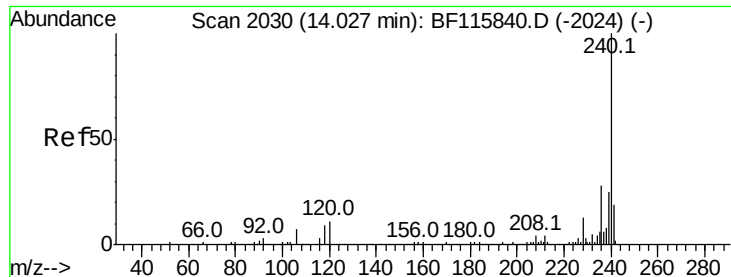
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.04 min
Lab File: BF116291.D
Acq: 15 Aug 2019 21:10

Tgt Ion:188 Resp: 297839
Ion Ratio Lower Upper
188 100
94 10.8 8.1 12.1
80 11.2 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: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF116291.D

Acq: 15 Aug 2019 21:10

Instrument :

BNA_F

ClientSampleId :

TP-4

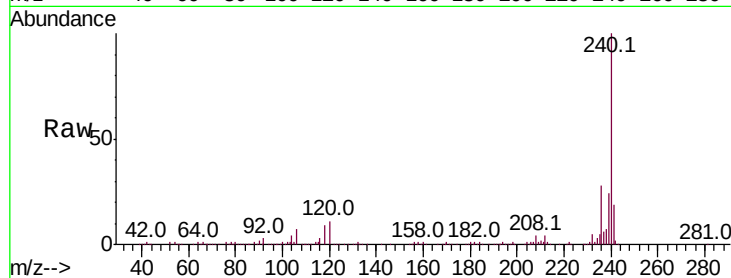
Tot Ion:240 Resp: 282362

Ion Ratio Lower Upper

240 100

120 10.6 10.7 16.1#

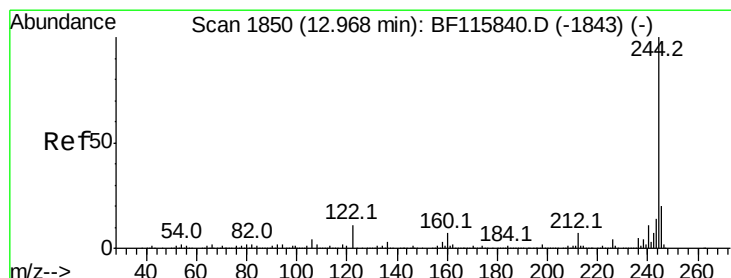
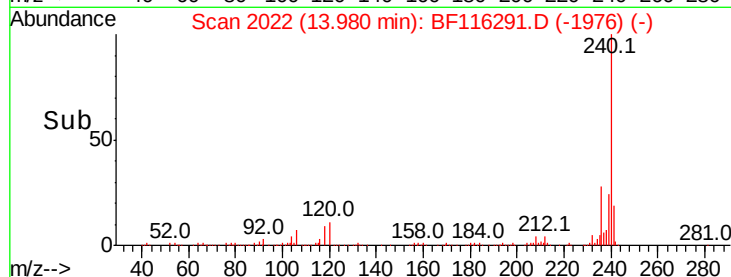
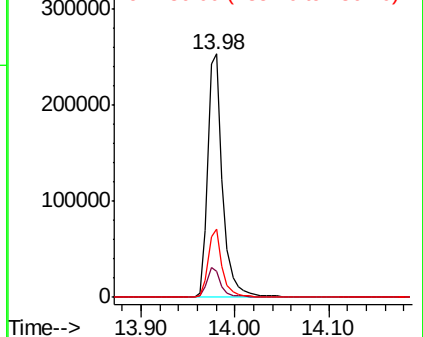
236 27.8 22.2 33.2



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: 47.826 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF116291.D

Acq: 15 Aug 2019 21:10

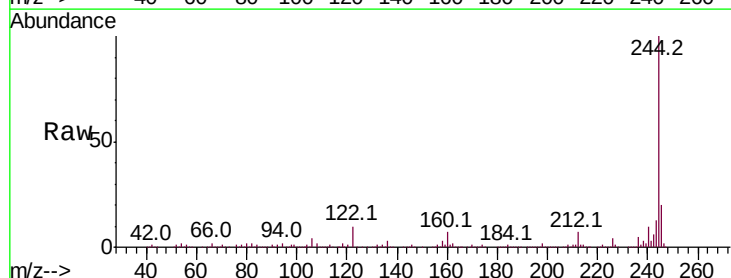
Tgt Ion:244 Resp: 640877

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

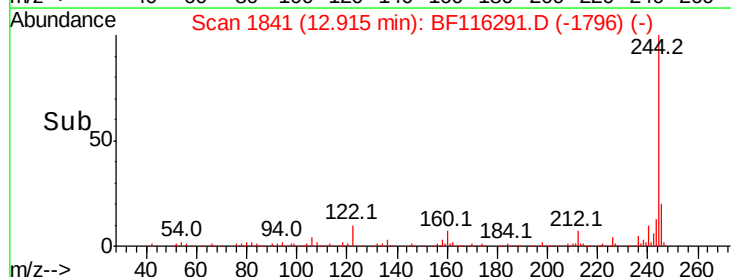
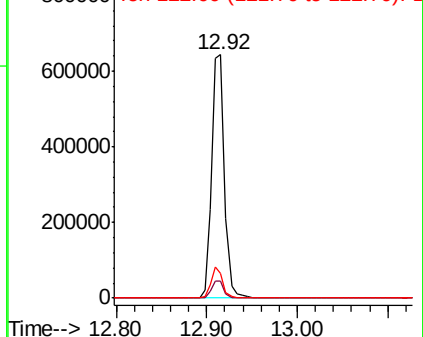
122 10.3 9.0 13.4

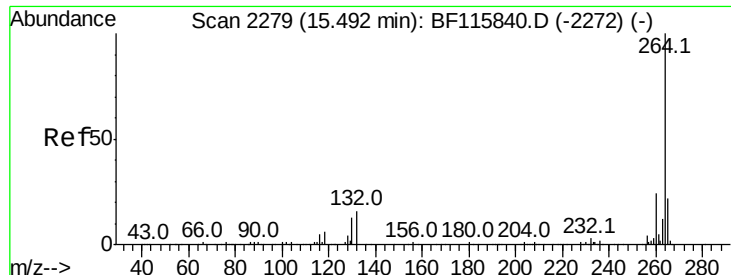


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BF116291.D
 Acq: 15 Aug 2019 21:10

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion:264 Resp: 283511
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.7 29.5
 265 21.3 17.4 26.0

