

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116287.D
 Acq On : 15 Aug 2019 19:22
 Operator : HP/JU
 Sample : K4356-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Aug 16 04:30:56 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

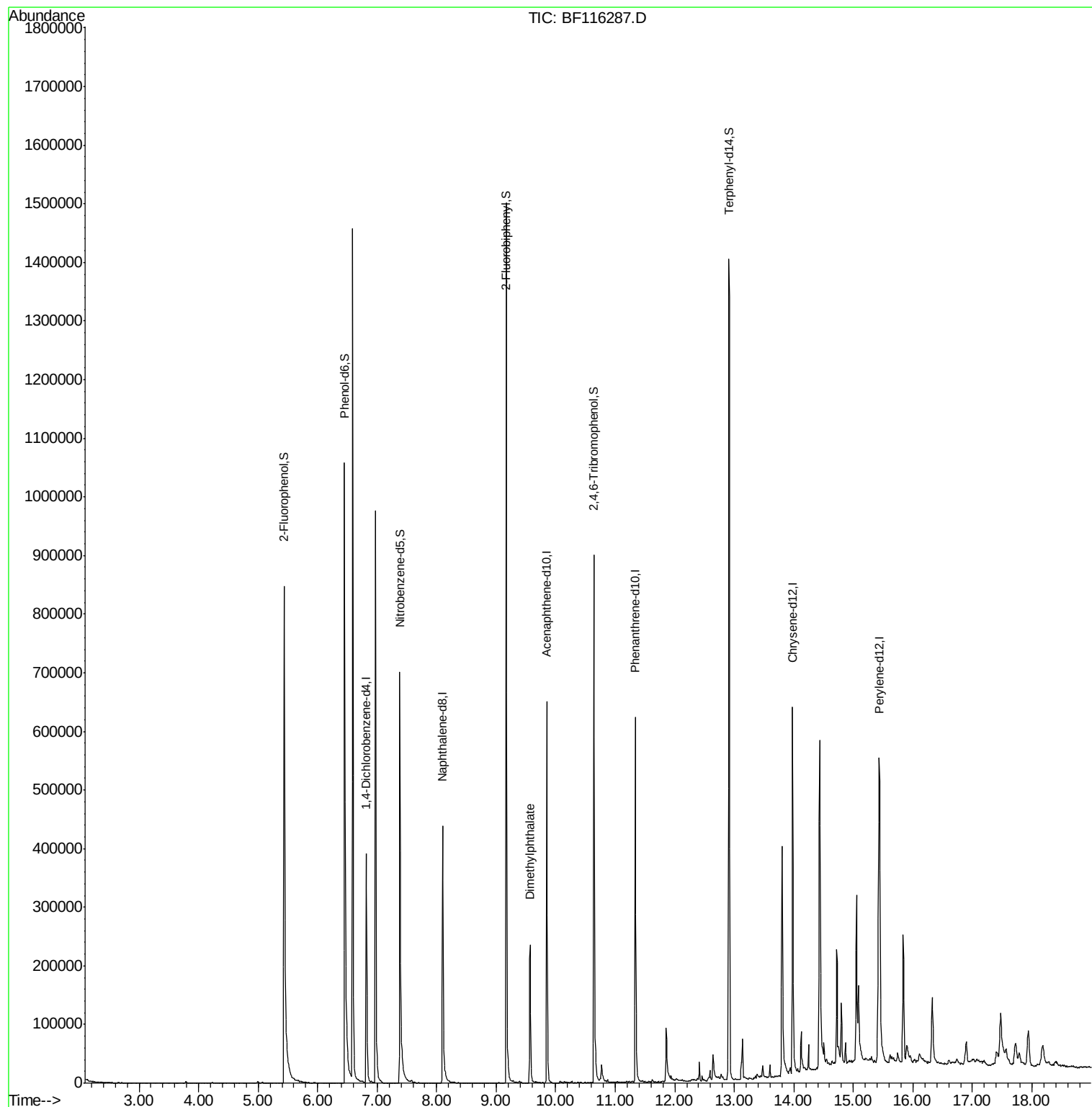
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	67941	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	259862	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	143002	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	264541	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	249458	20.00	ng	-0.03
87) Perylene-d12	15.44	264	275504	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	390732	96.28	ng	-0.04
7) Phenol-d6	6.45	99	527484	103.02	ng	-0.04
23) Nitrobenzene-d5	7.38	82	318378	70.72	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	126479	91.23	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	464410	60.83	ng	-0.04
79) Terphenyl-d14	12.92	244	494920	41.81	ng	-0.04
Target Compounds						Qvalue
50) Dimethylphthalate	9.57	163	122461	12.577	ng	99

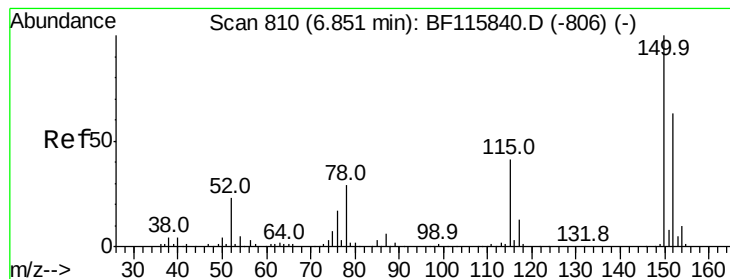
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF116287.D

Acq: 15 Aug 2019 19:22

Instrument :

BNA_F

ClientSampleId :

TP-7

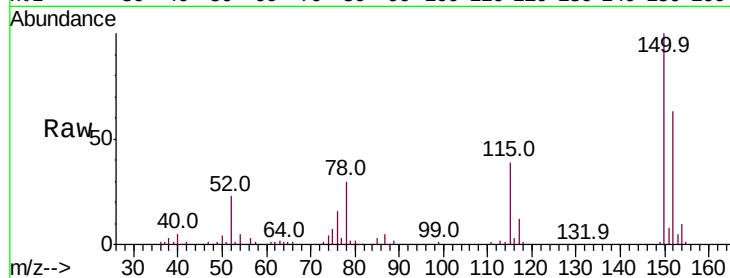
Tot Ion:152 Resp: 67941

Ion Ratio Lower Upper

152 100

150 157.5 126.2 189.2

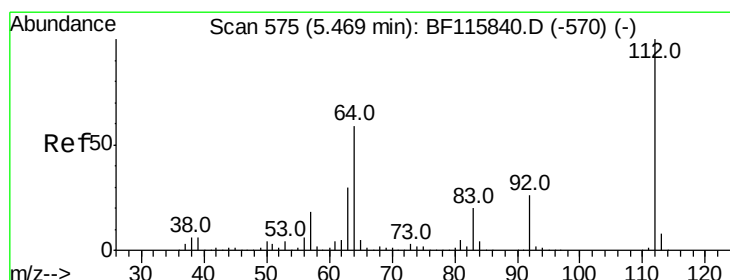
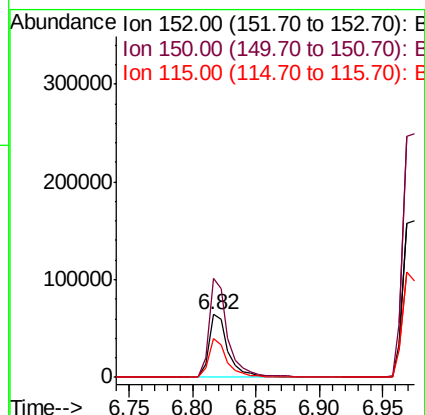
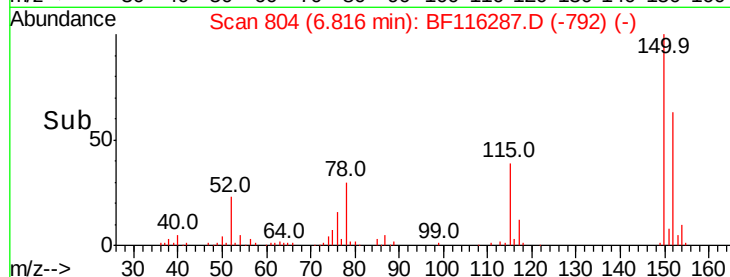
115 61.6 49.9 74.9



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: 96.276 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.04 min

Lab File: BF116287.D

Acq: 15 Aug 2019 19:22

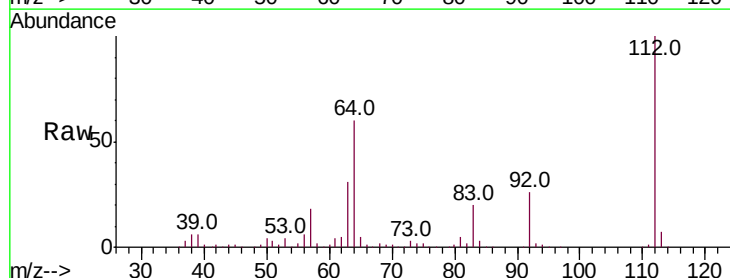
Tgt Ion:112 Resp: 390732

Ion Ratio Lower Upper

112 100

64 60.4 45.4 68.2

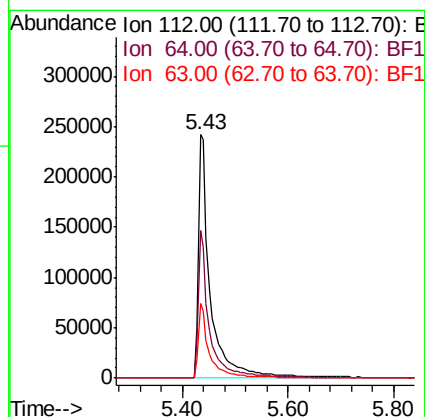
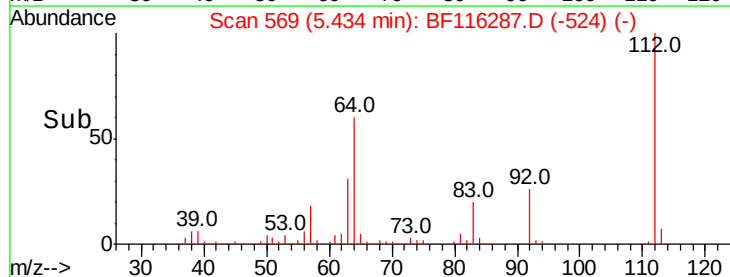
63 30.9 23.7 35.5

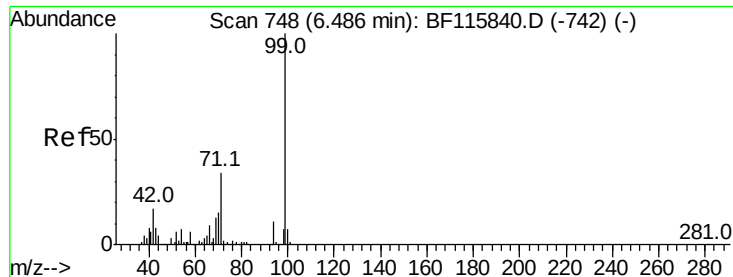


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 103.015 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.04 min

Lab File: BF116287.D

Acq: 15 Aug 2019 19:22

Instrument :

BNA_F

ClientSampled :

TP-7

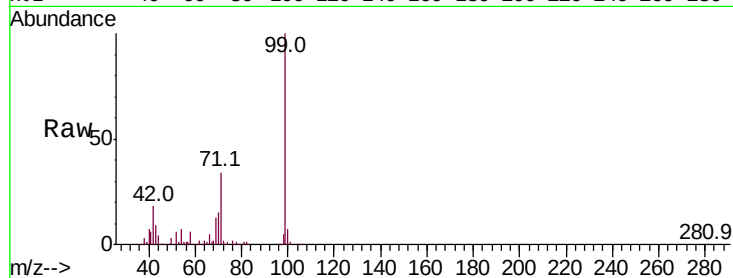
Tot Ion: 99 Resp: 527484

Ion Ratio Lower Upper

99 100

42 17.5 13.8 20.8

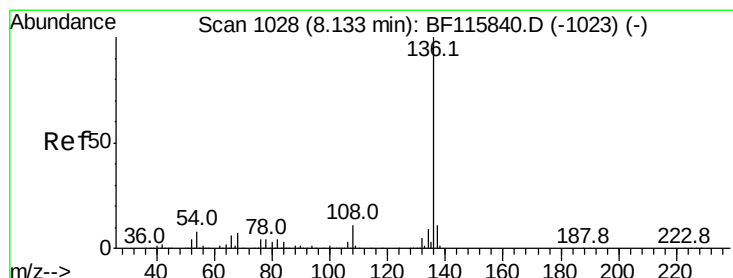
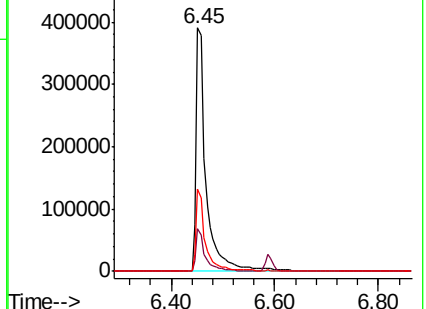
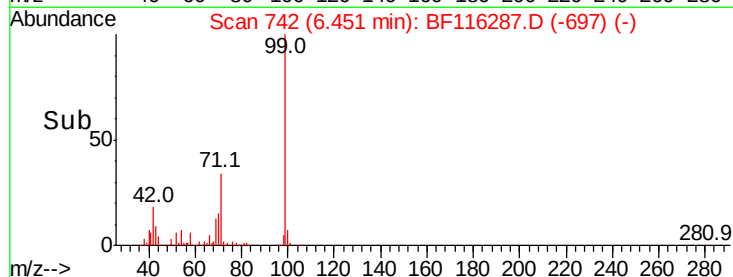
71 33.8 27.3 40.9



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: BF116287.D

Acq: 15 Aug 2019 19:22

Tgt Ion: 136 Resp: 259862

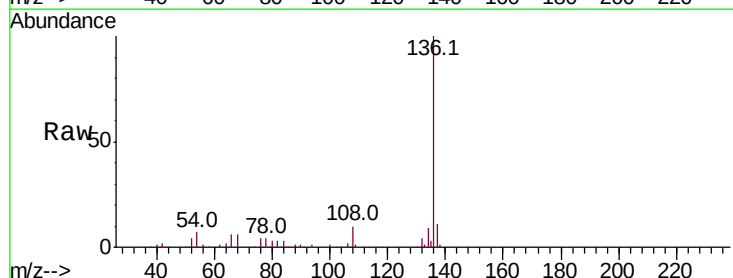
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.3 5.8 8.6

68 6.4 5.2 7.8

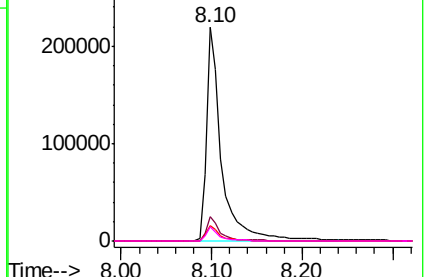
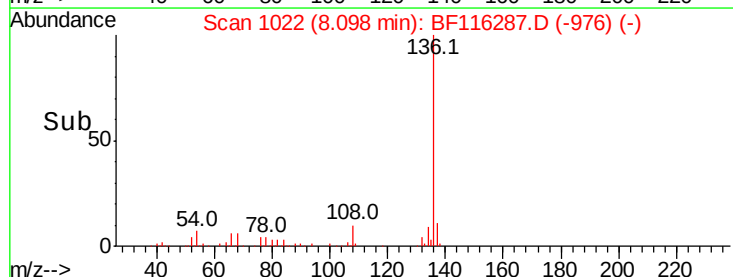


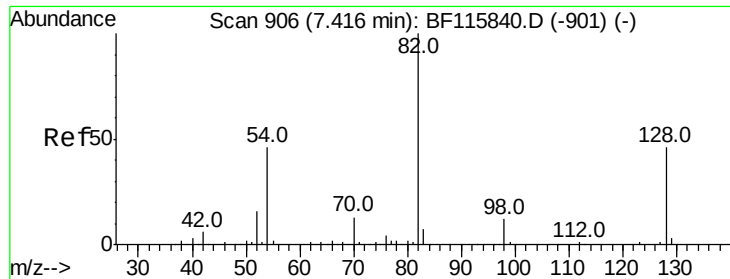
Abundance Ion 136.00 (135.70 to 136.70): E

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

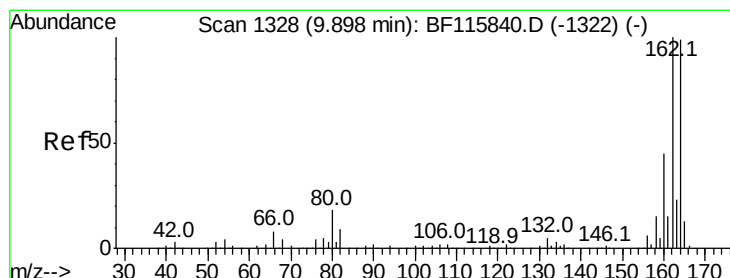
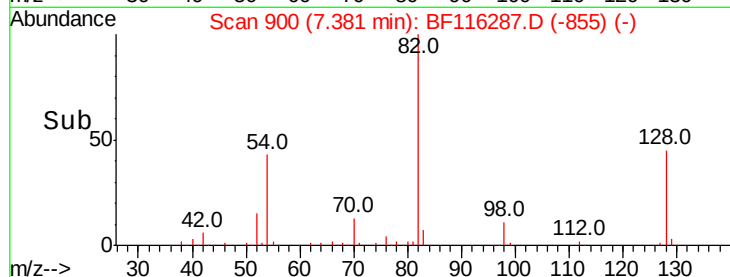
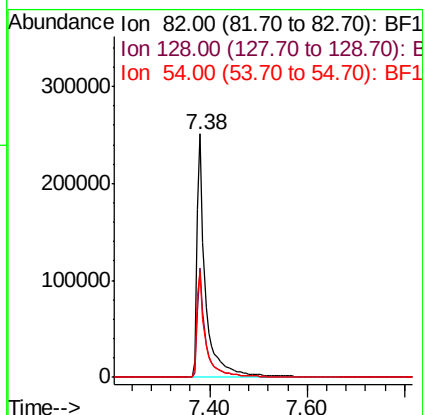
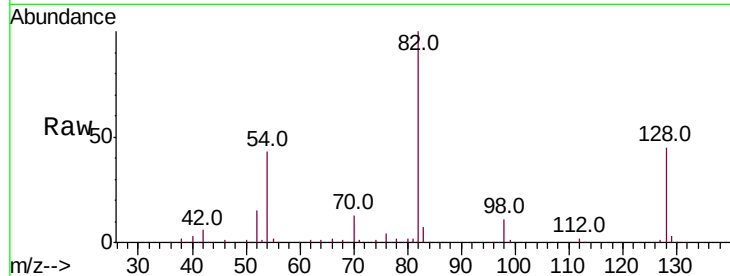




#23
Nitrobenzene-d5
Concen: 70.721 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116287.D
Acq: 15 Aug 2019 19:22

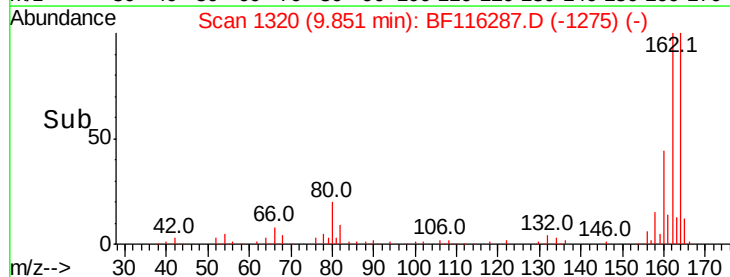
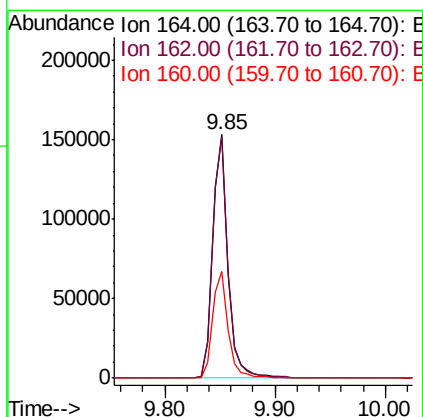
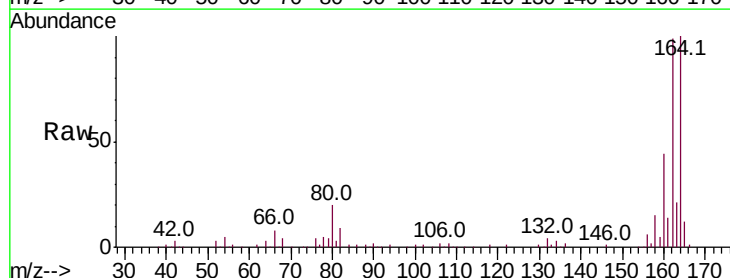
Instrument :
BNA_F
ClientSampleId :
TP-7

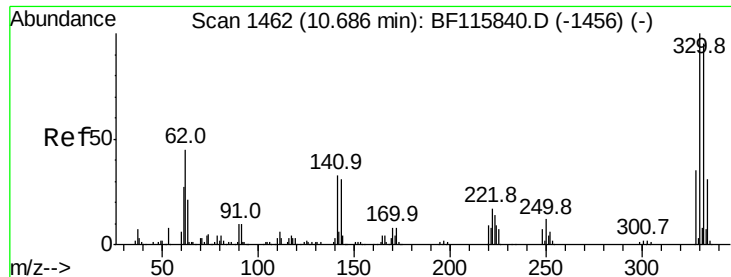
Tot Ion: 82 Resp: 318378
Ion Ratio Lower Upper
82 100
128 45.1 36.5 54.7
54 43.3 36.0 54.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF116287.D
Acq: 15 Aug 2019 19:22

Tgt Ion: 164 Resp: 143002
Ion Ratio Lower Upper
164 100
162 98.9 82.6 124.0
160 43.9 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 91.225 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.04 min

Lab File: BF116287.D

Acq: 15 Aug 2019 19:22

Instrument :

BNA_F

ClientSampled :

TP-7

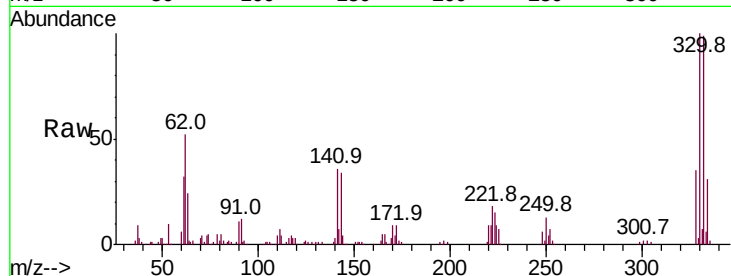
Tot Ion:330 Resp: 126479

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

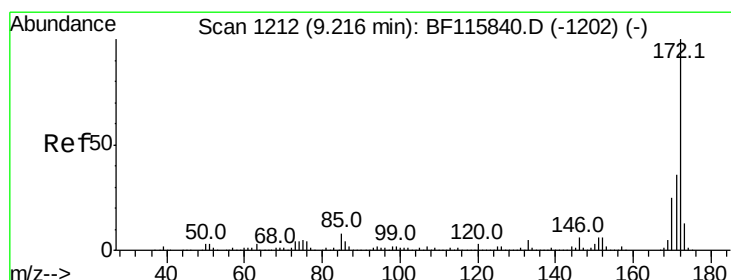
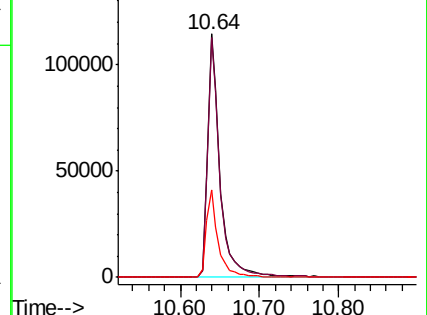
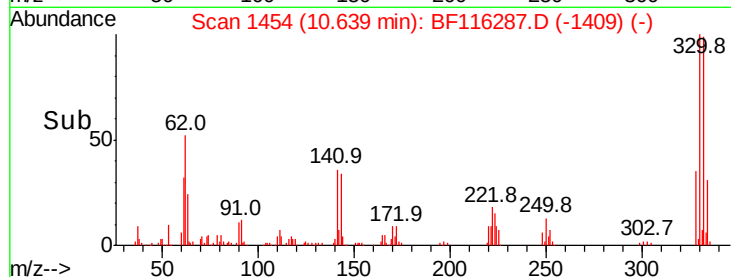
141 34.9 26.3 39.5



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: 60.830 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF116287.D

Acq: 15 Aug 2019 19:22

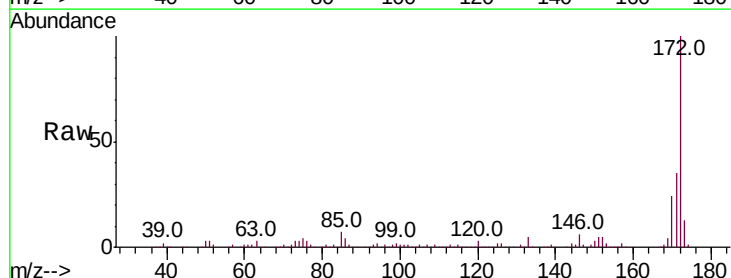
Tgt Ion:172 Resp: 464410

Ion Ratio Lower Upper

172 100

171 35.1 29.6 44.4

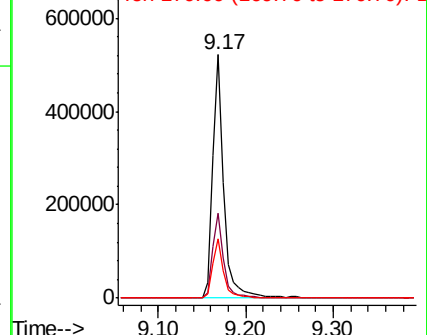
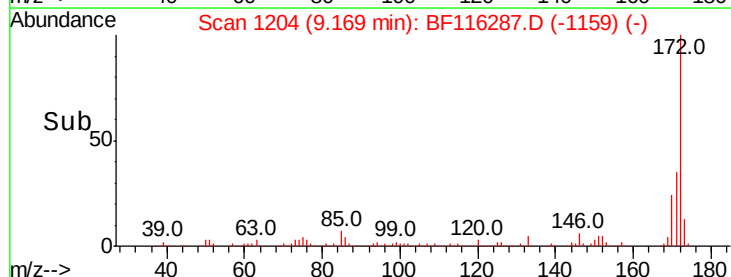
170 24.3 20.1 30.1

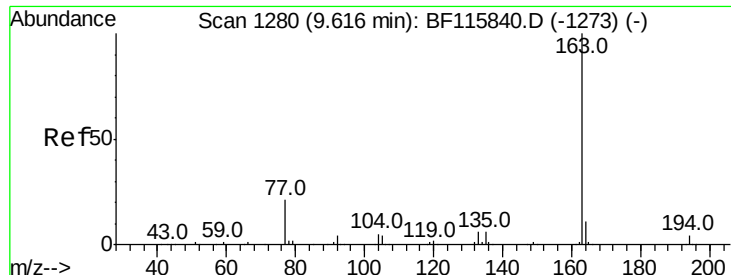


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

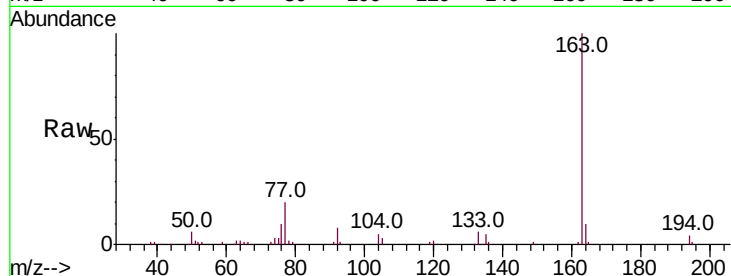




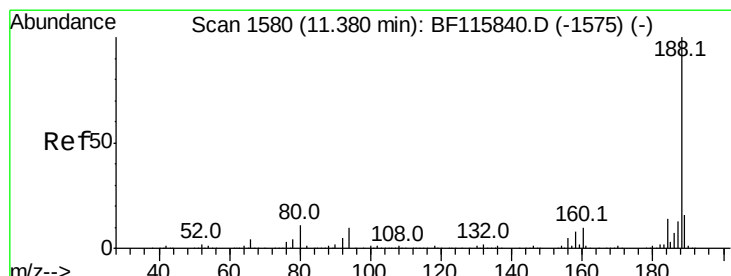
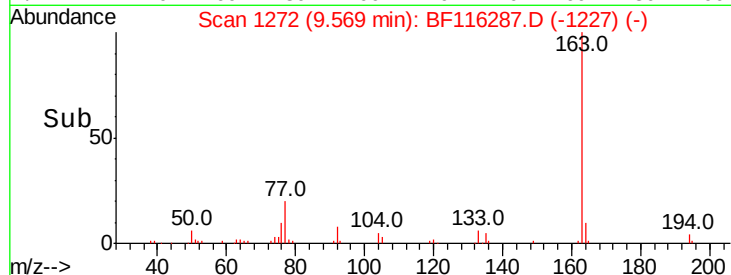
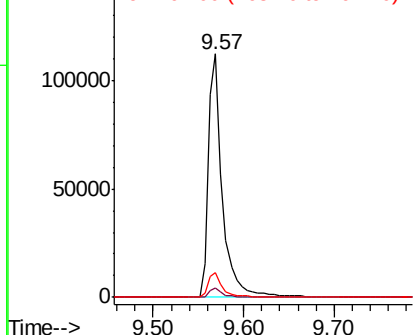
#50
 Dimethylphthalate
 Concen: 12.577 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.04 min
 Lab File: BF116287.D
 Acq: 15 Aug 2019 19:22

Instrument :
 BNA_F
 ClientSampled :
 TP-7

Tot Ion:163 Resp: 122461
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.0 4.6
 164 10.1 8.4 12.6

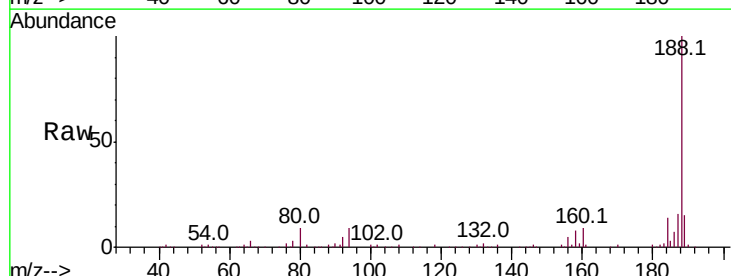


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

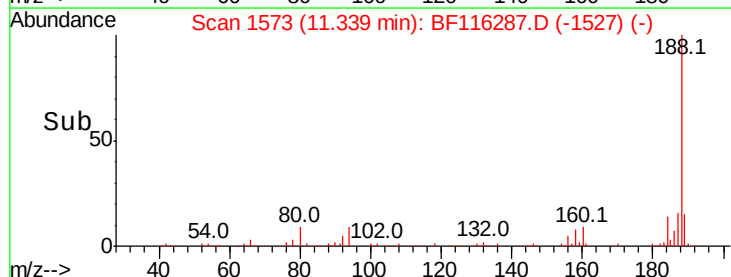
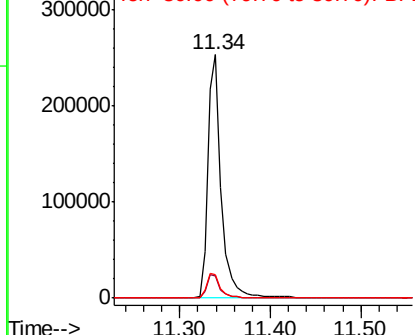


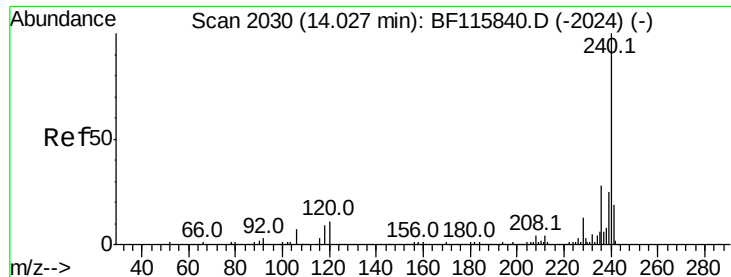
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF116287.D
 Acq: 15 Aug 2019 19:22

Tgt Ion:188 Resp: 264541
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.1 12.1
 80 9.5 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: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF116287.D

Acq: 15 Aug 2019 19:22

Instrument :

BNA_F

ClientSampleId :

TP-7

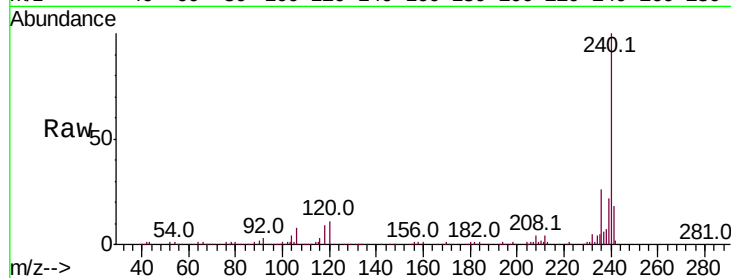
Tot Ion:240 Resp: 249458

Ion Ratio Lower Upper

240 100

120 10.7 10.7 16.1#

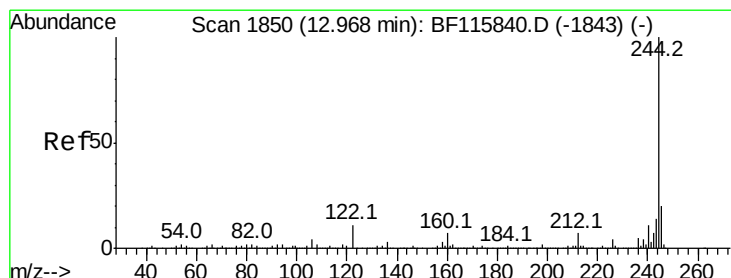
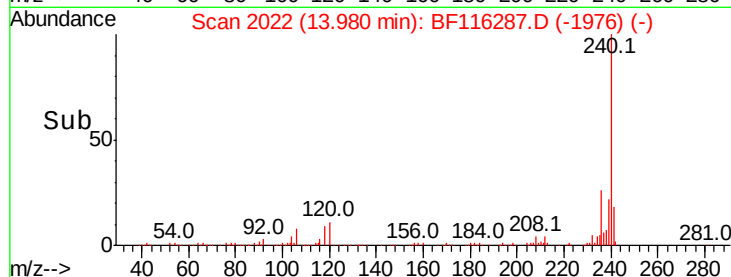
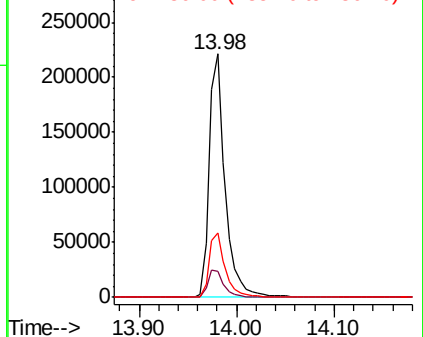
236 26.4 22.2 33.2



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: 41.806 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF116287.D

Acq: 15 Aug 2019 19:22

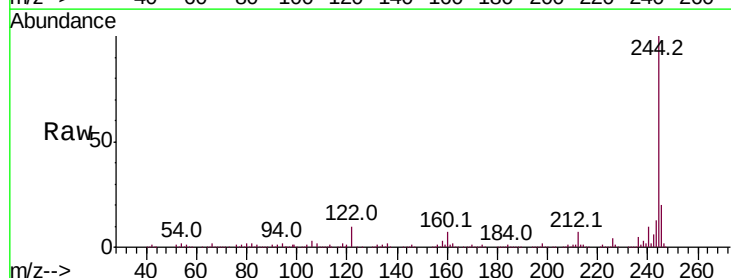
Tgt Ion:244 Resp: 494920

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

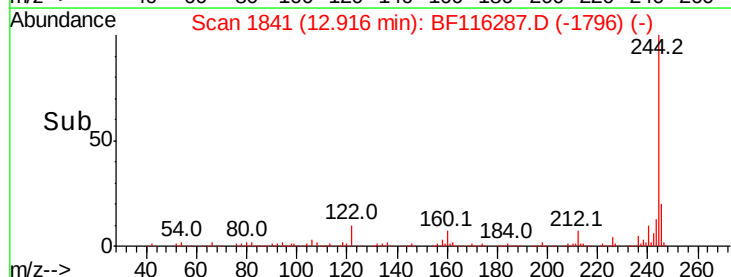
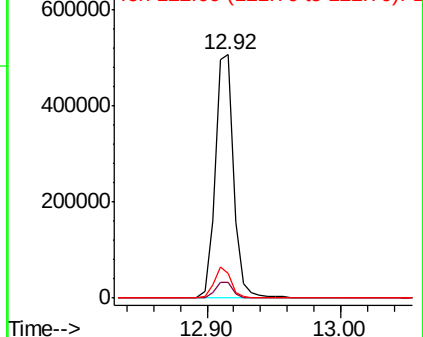
122 10.1 9.0 13.4

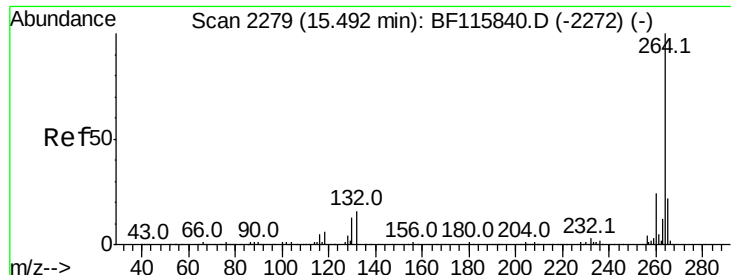


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

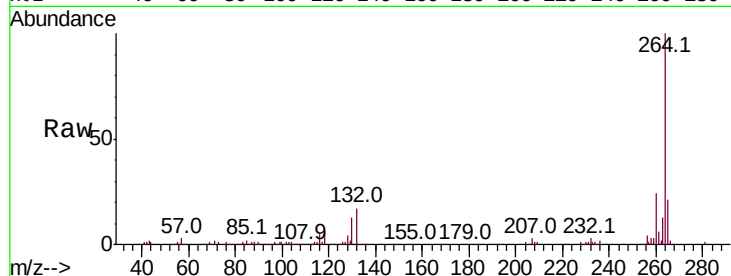




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BF116287.D
 Acq: 15 Aug 2019 19:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.1	17.4	26.0



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

