

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
 Data File : BF116863.D
 Acq On : 6 Sep 2019 15:53
 Operator : HP/JU
 Sample : K4650-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Sep 07 04:44:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

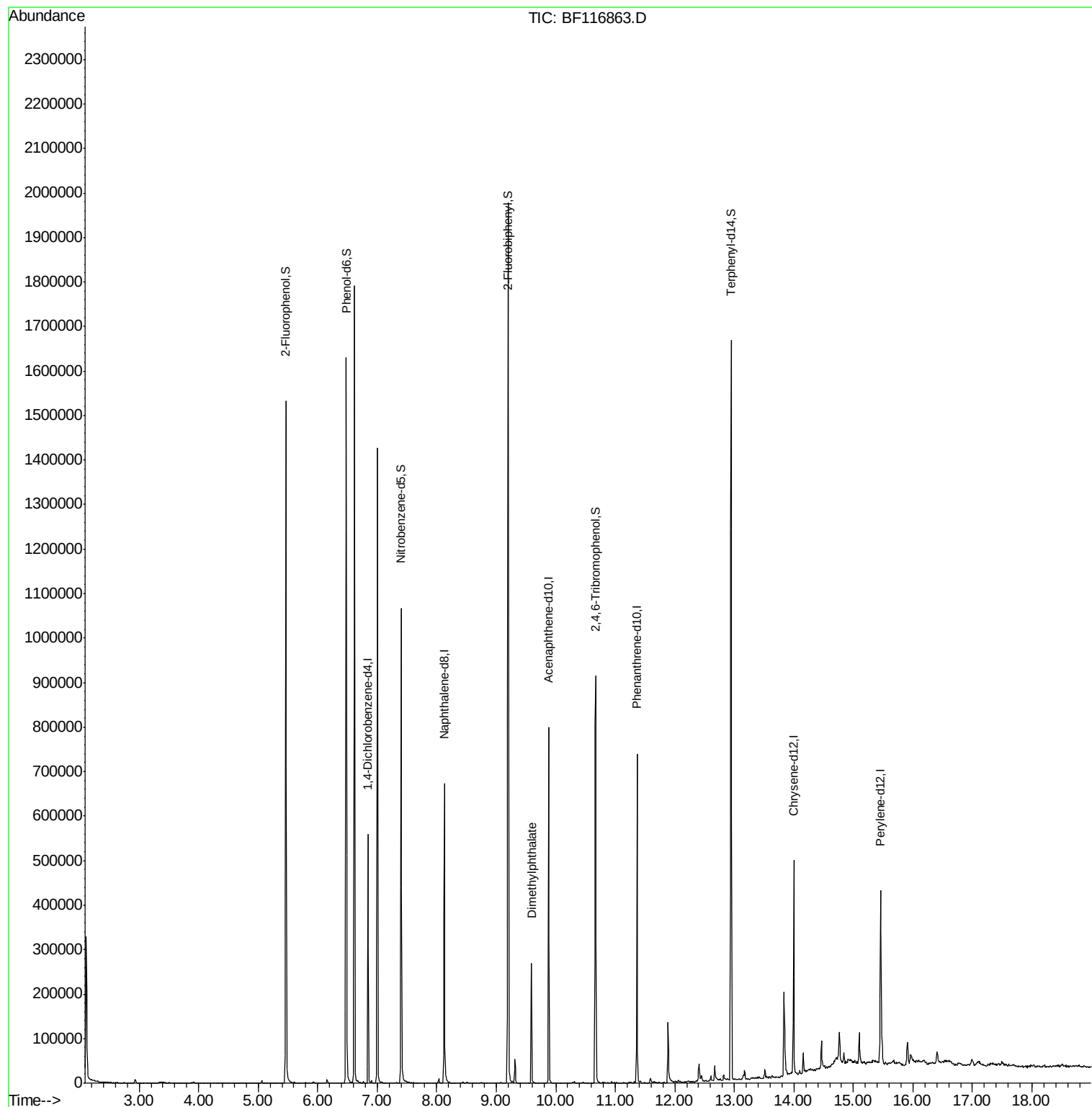
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	75541	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	308363	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	153626	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	238966	20.00	ng	0.00
76) Chrysene-d12	14.00	240	145253	20.00	ng	0.00
87) Perylene-d12	15.46	264	166625	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	425147	91.18	ng	0.00
7) Phenol-d6	6.48	99	577376	94.30	ng	0.00
23) Nitrobenzene-d5	7.40	82	352849	65.32	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	102715	100.01	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	599947	65.88	ng	-0.01
79) Terphenyl-d14	12.94	244	497541	63.37	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	120360	11.348	ng	Qvalue 99

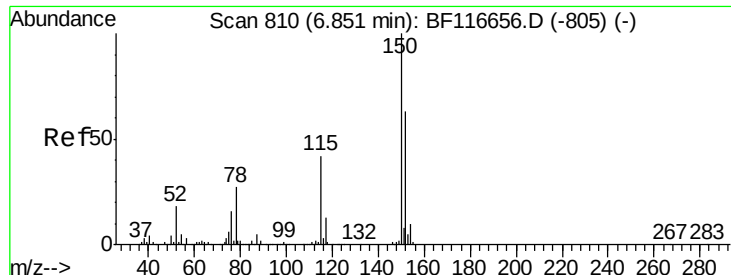
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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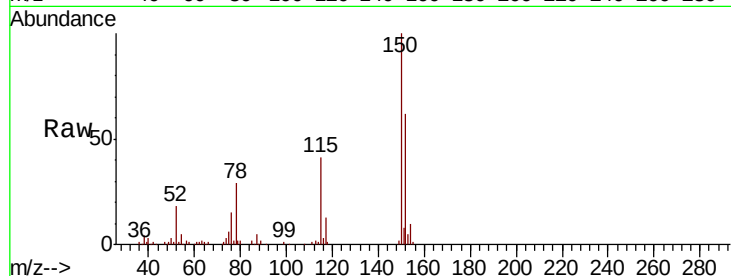


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116863.D
Acq: 6 Sep 2019 15:53

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.4	186.6
115	66.3	49.9	74.9

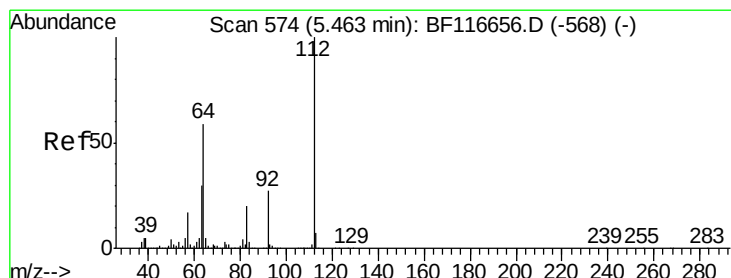
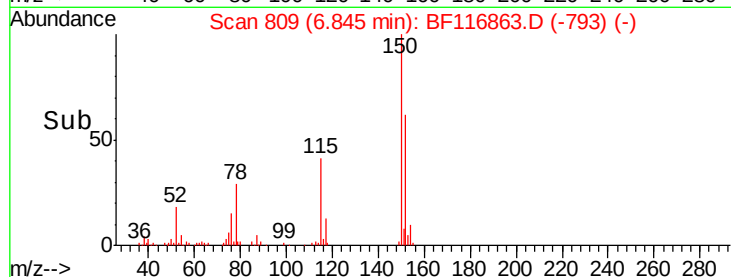
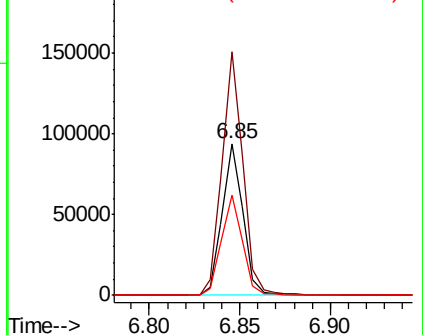


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

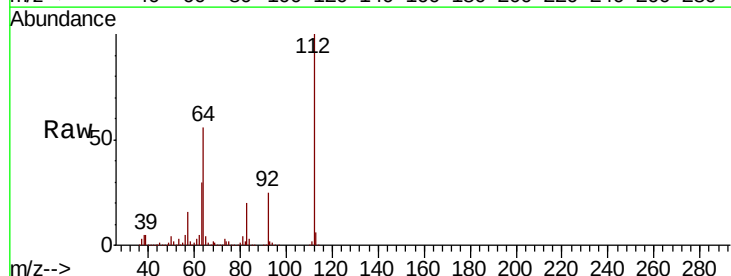
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.177 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116863.D
Acq: 6 Sep 2019 15:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.1	70.7
63	29.7	24.9	37.3

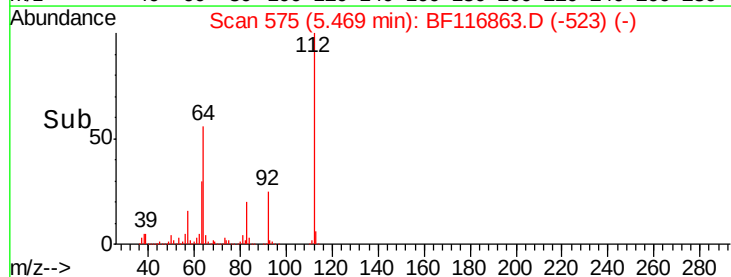
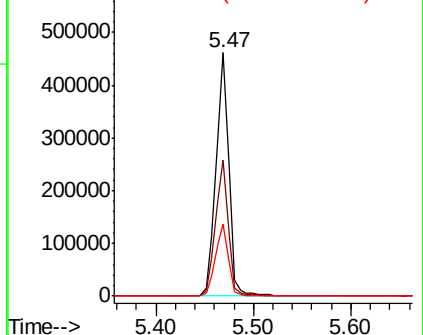


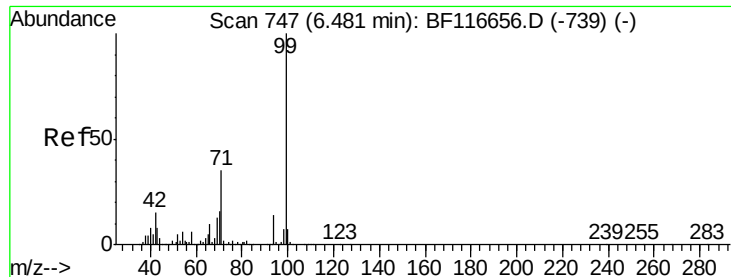
Abundance

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: 94.299 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116863.D

Acq: 6 Sep 2019 15:53

Instrument :

BNA_F

ClientSampleId :

TP-6

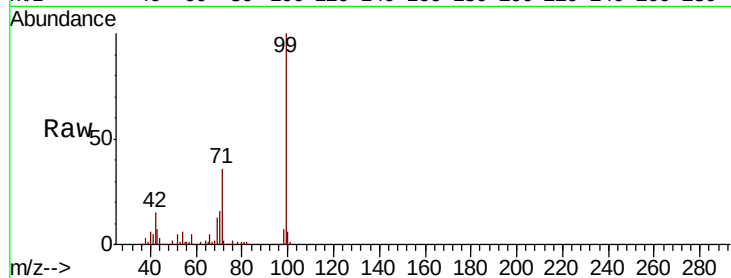
Tot Ion: 99 Resp: 577376

Ion Ratio Lower Upper

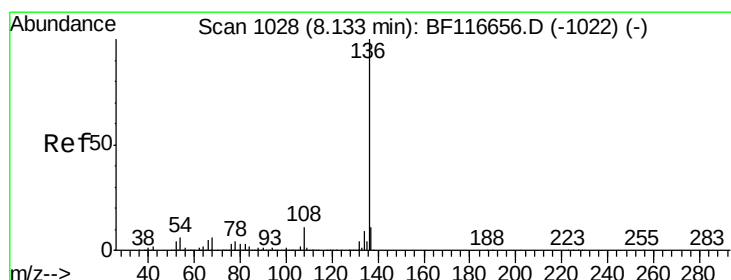
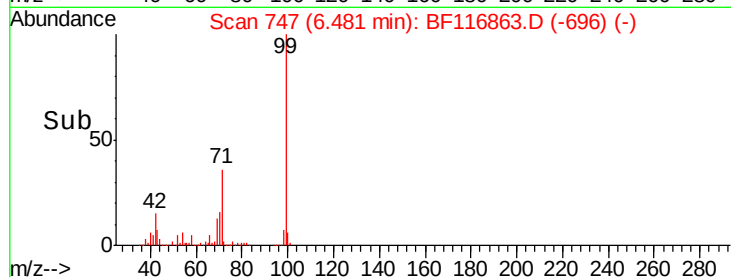
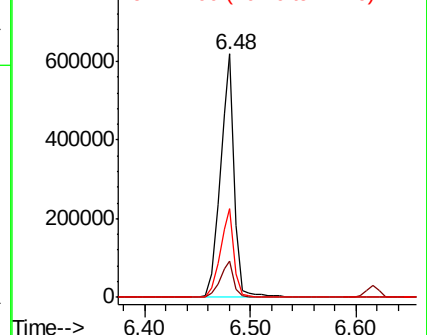
99 100

42 14.7 13.7 20.5

71 36.3 30.8 46.2



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116863.D

Acq: 6 Sep 2019 15:53

Tgt Ion: 136 Resp: 308363

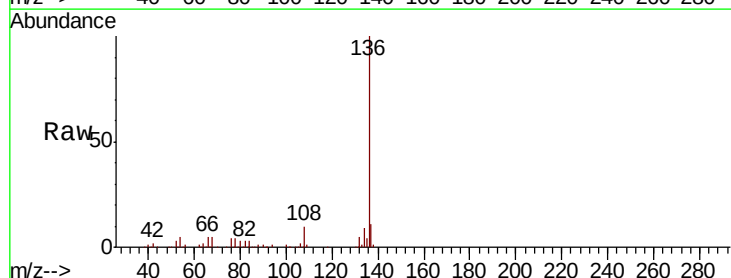
Ion Ratio Lower Upper

136 100

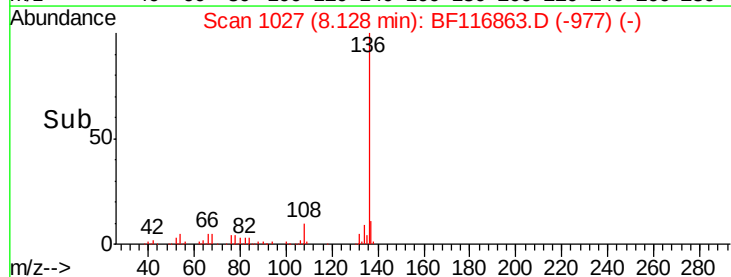
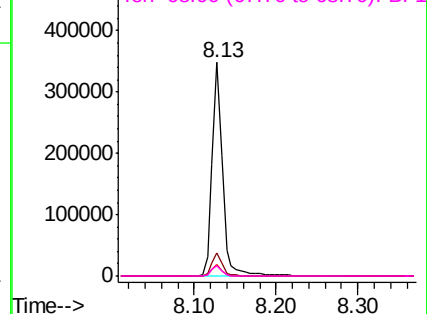
137 10.6 8.9 13.3

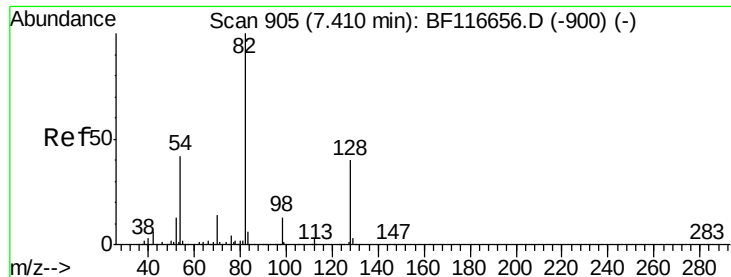
54 5.3 4.8 7.2

68 4.7 4.0 6.0



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: 65.323 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116863.D

Acq: 6 Sep 2019 15:53

Instrument :

BNA_F

ClientSampleId :

TP-6

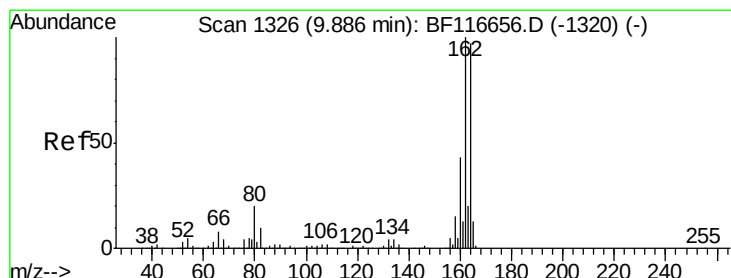
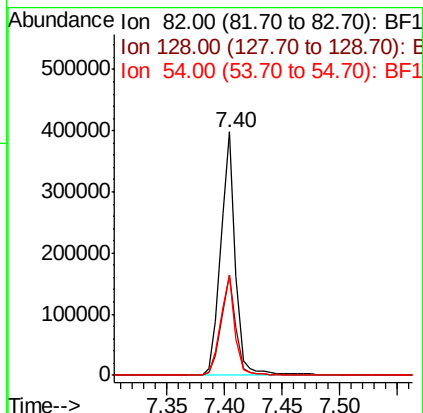
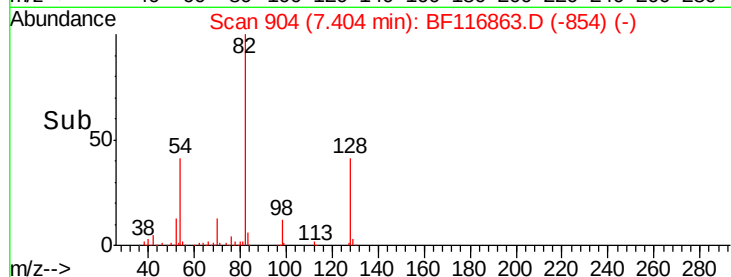
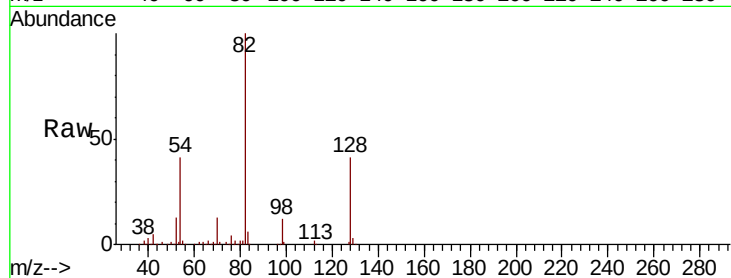
Tot Ion: 82 Resp: 352849

Ion Ratio Lower Upper

82 100

128 41.0 32.8 49.2

54 41.0 36.9 55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF116863.D

Acq: 6 Sep 2019 15:53

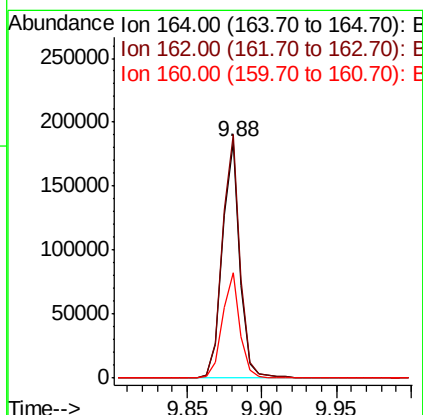
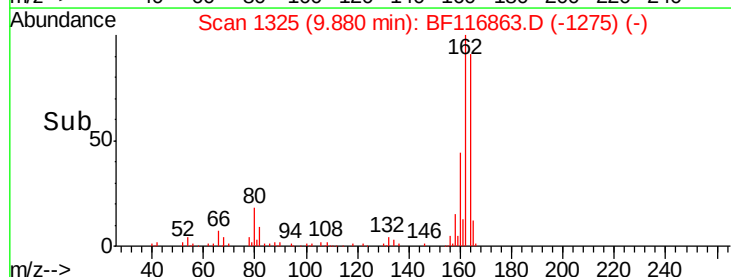
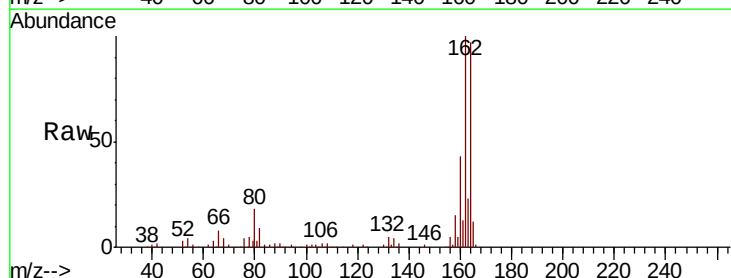
Tgt Ion: 164 Resp: 153626

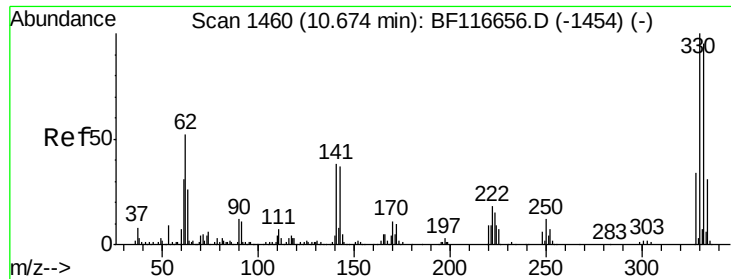
Ion Ratio Lower Upper

164 100

162 103.0 81.4 122.0

160 44.6 35.4 53.2

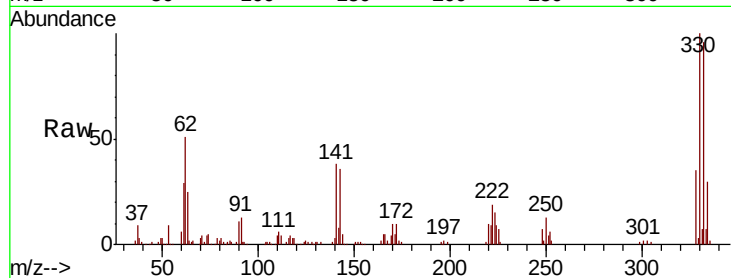




#42
 2,4,6-Tribromophenol
 Concen: 100.012 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116863.D
 Acq: 6 Sep 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.9	115.3
141	43.2	31.4	47.2

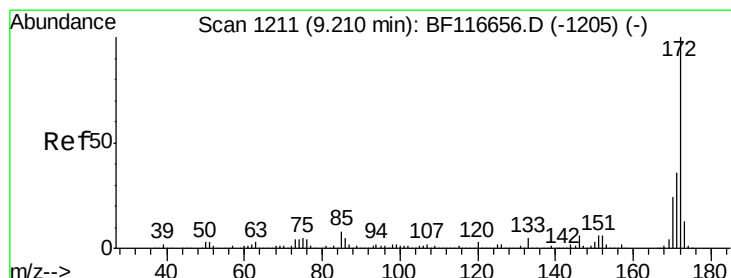
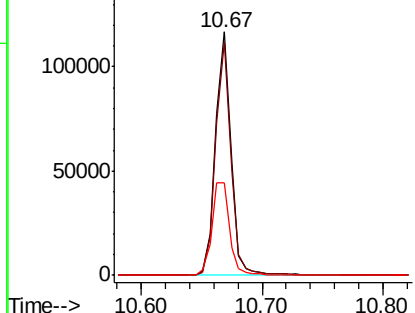
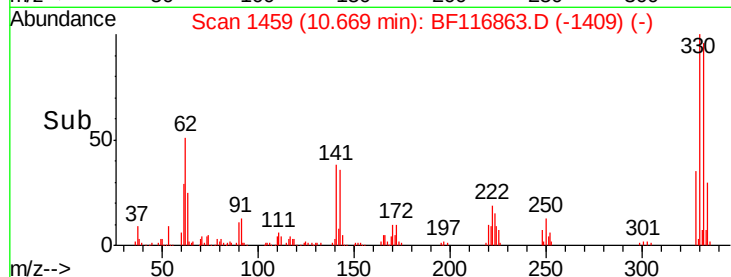


Abundance

Ion 329.80 (329.50 to 330.50): E

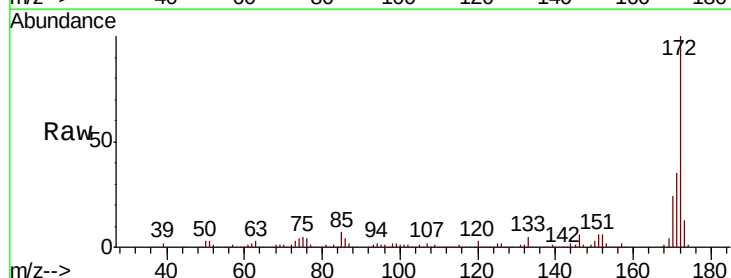
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 65.877 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116863.D
 Acq: 6 Sep 2019 15:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.6
170	23.6	18.9	28.3

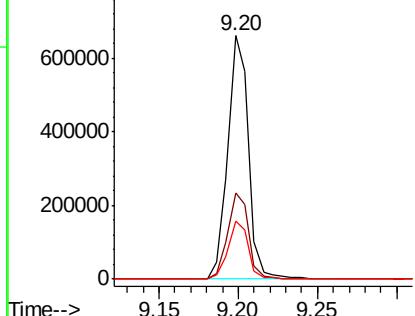
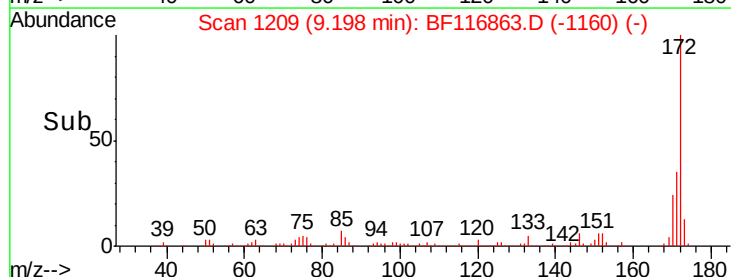


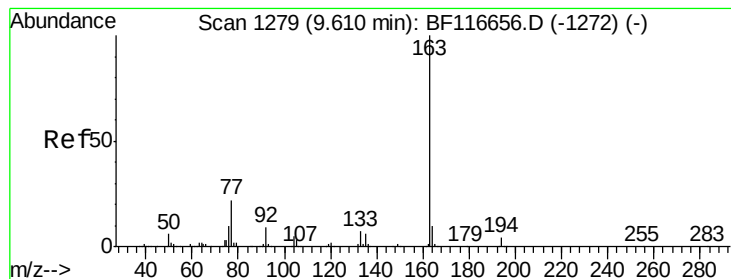
Abundance

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: 11.348 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF116863.D

Acq: 6 Sep 2019 15:53

Instrument :

BNA_F

ClientSampleId :

TP-6

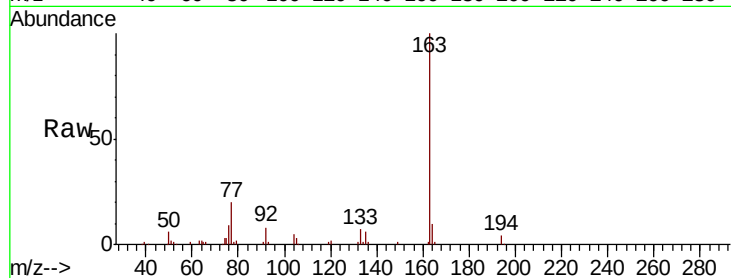
Tot Ion:163 Resp: 120360

Ion Ratio Lower Upper

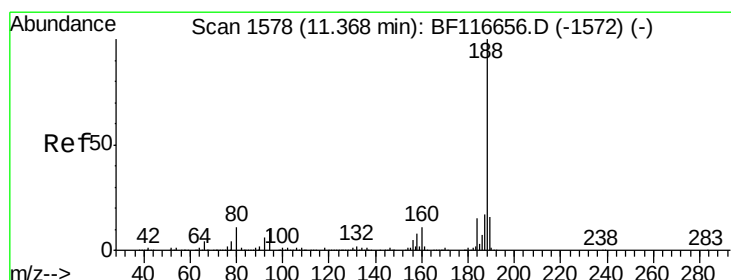
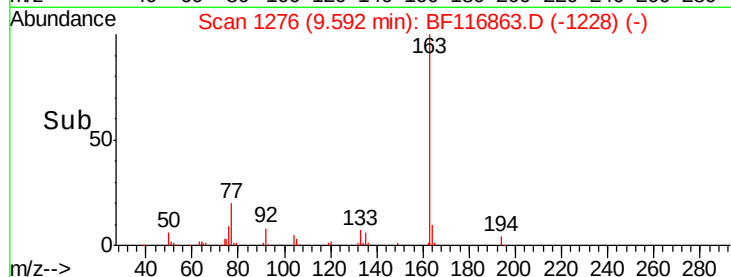
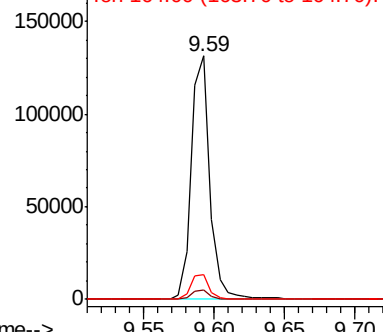
163 100

194 3.7 2.8 4.2

164 10.1 8.6 12.8



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# 1577

Delta R.T. -0.01 min

Lab File: BF116863.D

Acq: 6 Sep 2019 15:53

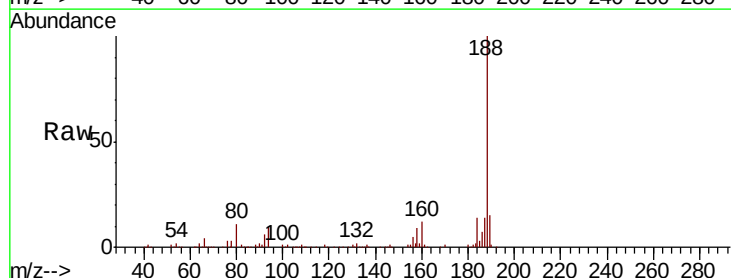
Tgt Ion:188 Resp: 238966

Ion Ratio Lower Upper

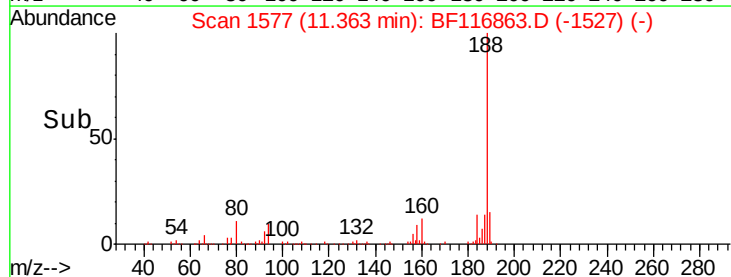
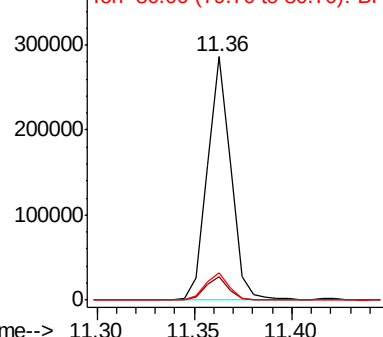
188 100

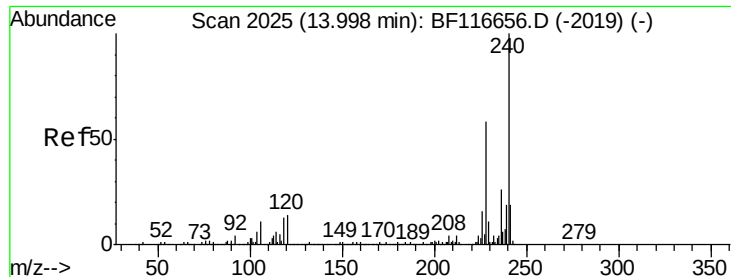
94 9.8 7.3 10.9

80 11.0 8.4 12.6



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

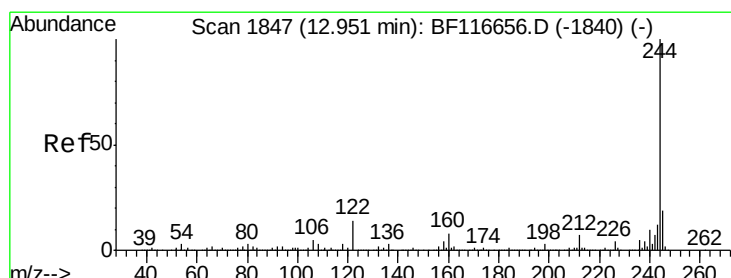
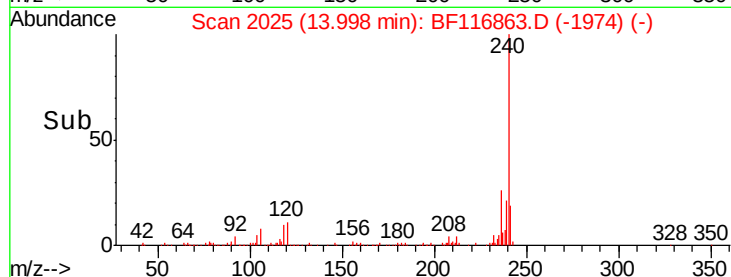
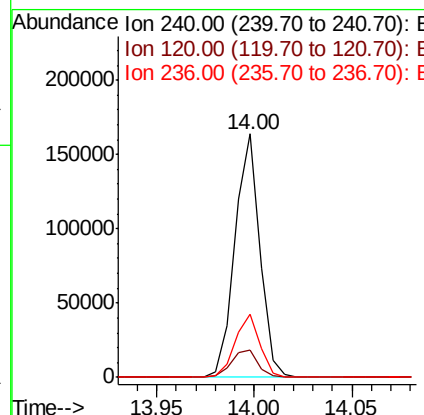
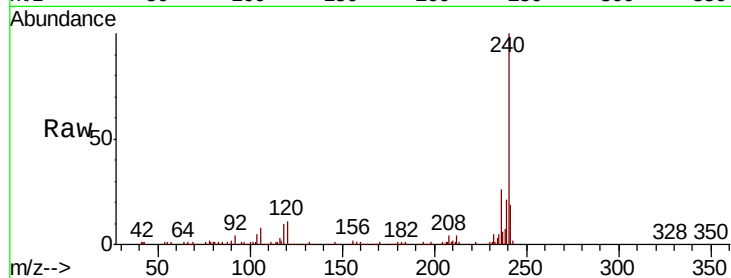




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116863.D
Acq: 6 Sep 2019 15:53

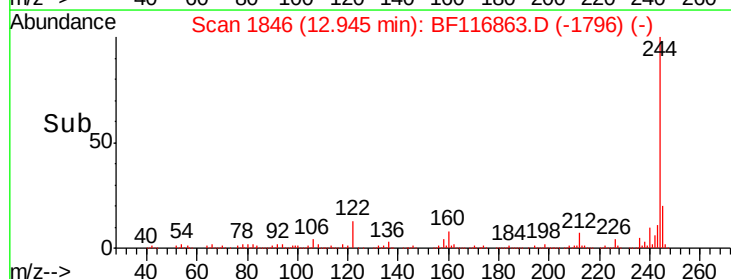
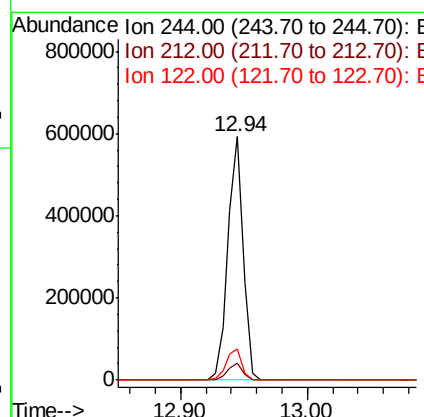
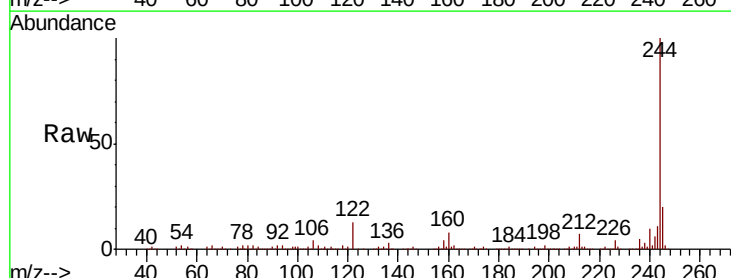
Instrument :
BNA_F
ClientSampleId :
TP-6

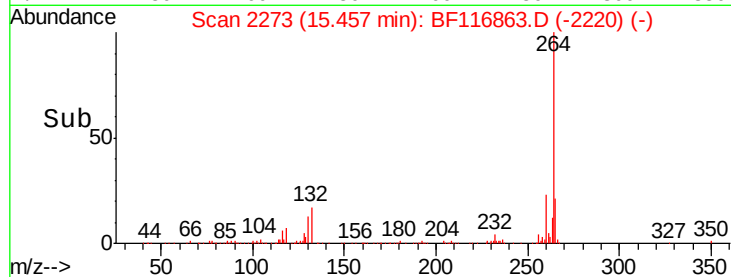
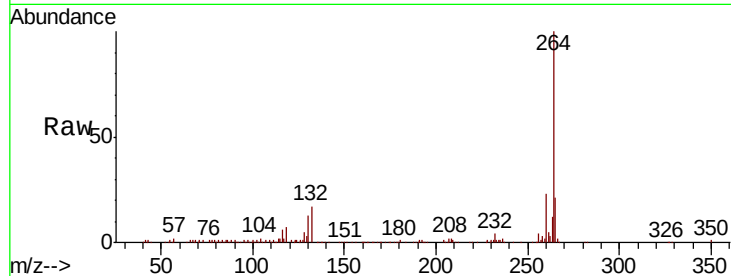
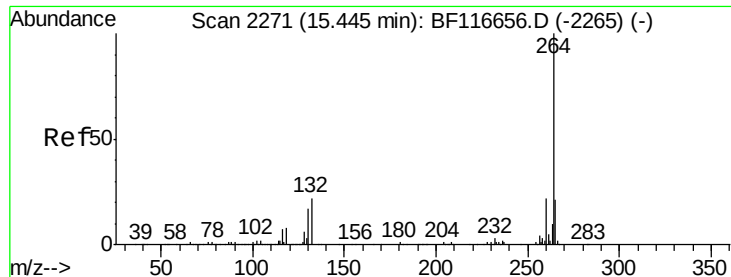
Tot Ion:240 Resp: 145253
Ion Ratio Lower Upper
240 100
120 11.0 9.1 13.7
236 25.9 21.1 31.7



#79
Terphenyl-d14
Concen: 63.367 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116863.D
Acq: 6 Sep 2019 15:53

Tgt Ion:244 Resp: 497541
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 12.9 10.2 15.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF116863.D
Acq: 6 Sep 2019 15:53

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	20.7	16.5	24.7

