

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
 Data File : BF116973.D
 Acq On : 12 Sep 2019 3:20
 Operator : HP/JU
 Sample : K4787-01 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S(1-4)

Quant Time: Sep 12 08:24:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

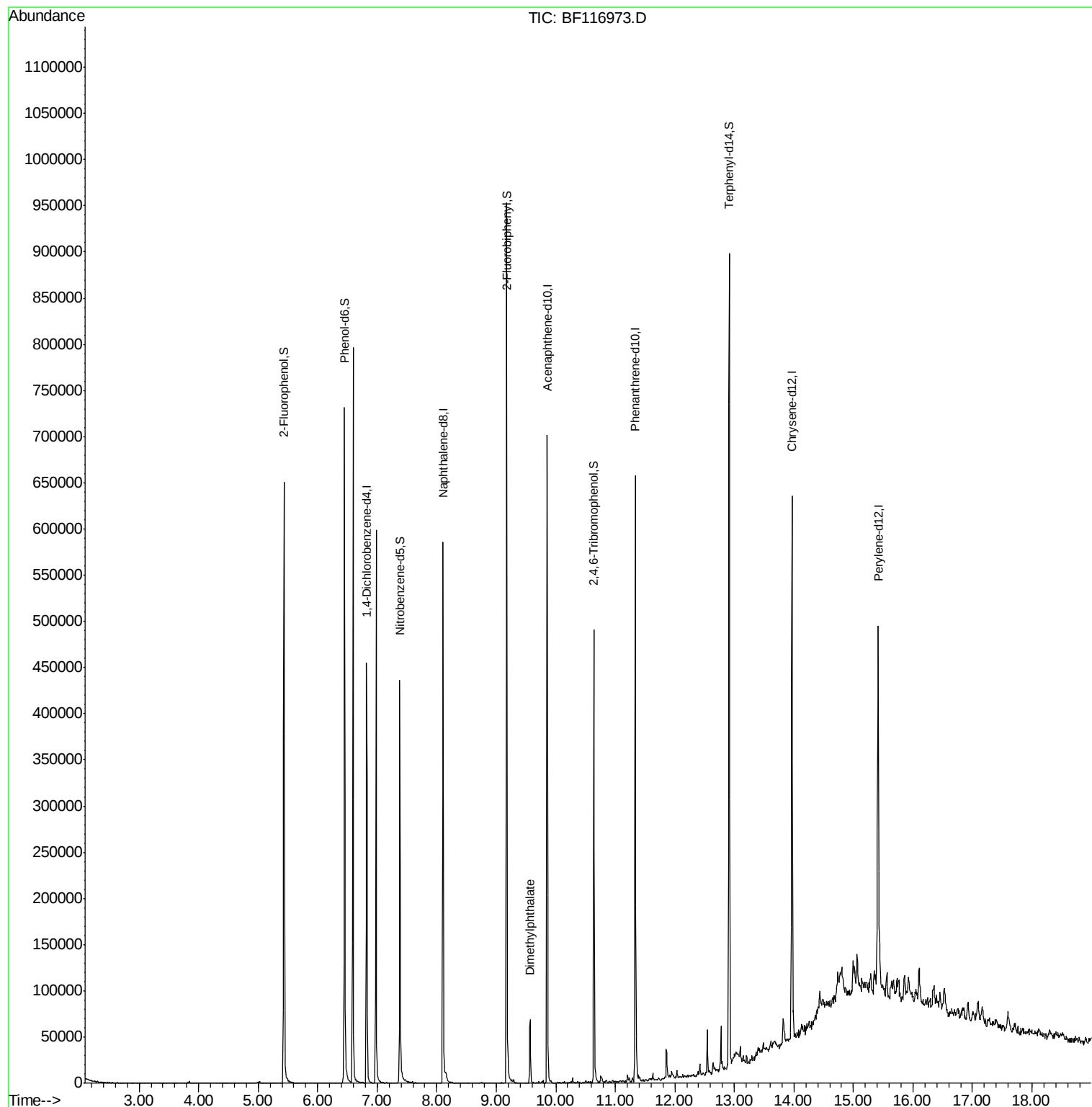
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	66635	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	285154	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	150315	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	253015	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	165070	20.00	ng	-0.02
87) Perylene-d12	15.42	264	172529	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	181963	44.24	ng	-0.02
7) Phenol-d6	6.45	99	251536	46.57	ng	-0.02
23) Nitrobenzene-d5	7.38	82	153561	30.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	54945	54.68	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	287540	32.27	ng	-0.02
79) Terphenyl-d14	12.92	244	269196	30.17	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.57	163	33025	3.182	ng	Qvalue 97

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

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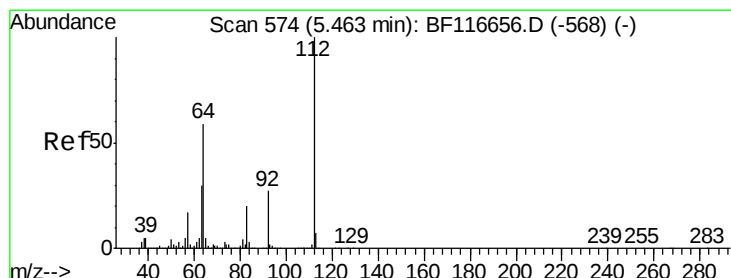
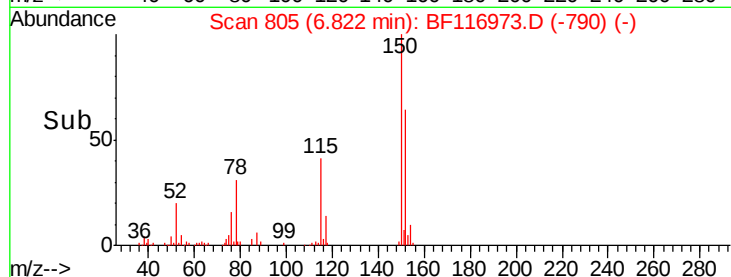
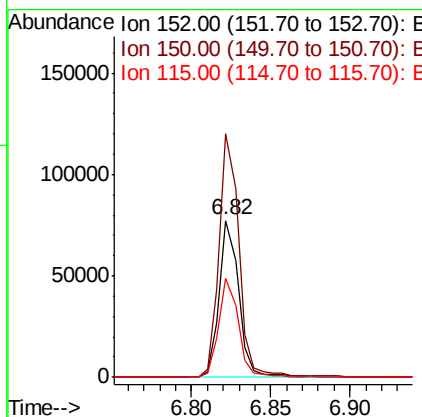
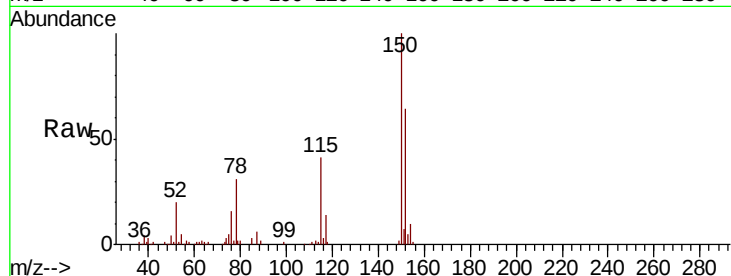


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF116973.D
 Acq: 12 Sep 2019 3:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S(1-4)

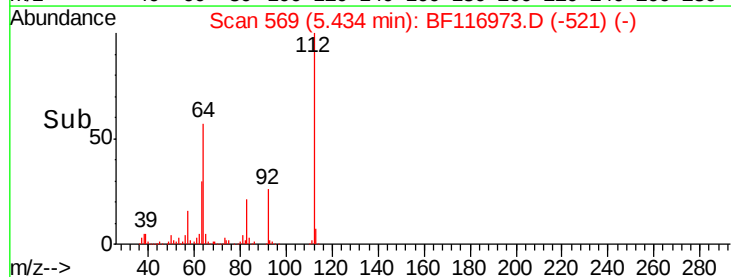
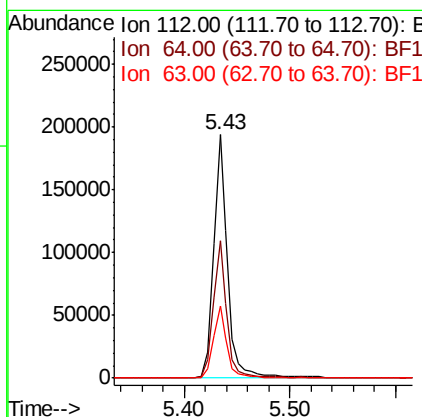
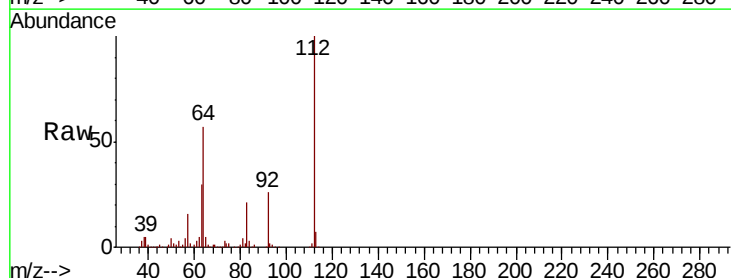
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.4	186.6
115	63.4	49.9	74.9



#5

2-Fluorophenol
 Concen: 44.240 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.02 min
 Lab File: BF116973.D
 Acq: 12 Sep 2019 3:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.1	70.7
63	29.7	24.9	37.3





#7

Phenol-d6

Concen: 46.572 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF116973.D

Acq: 12 Sep 2019 3:20

Instrument :

BNA_F

ClientSampleId :

TP-3-S(1-4)

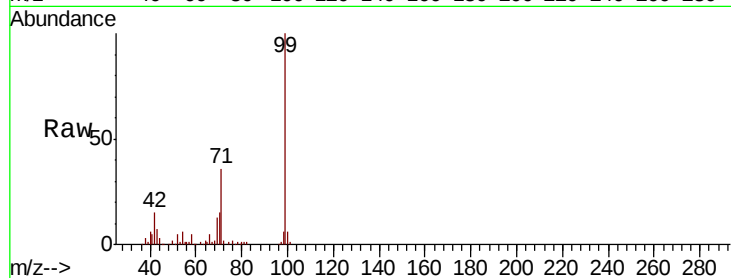
Tot Ion: 99 Resp: 251536

Ion Ratio Lower Upper

99 100

42 14.8 13.7 20.5

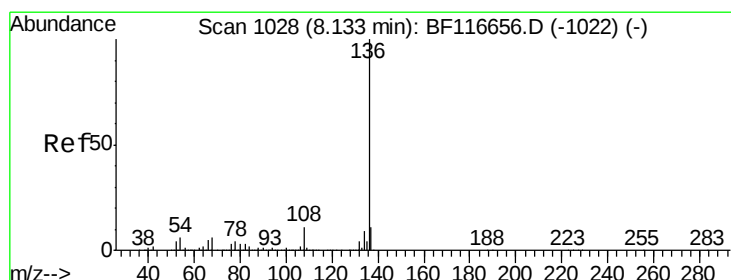
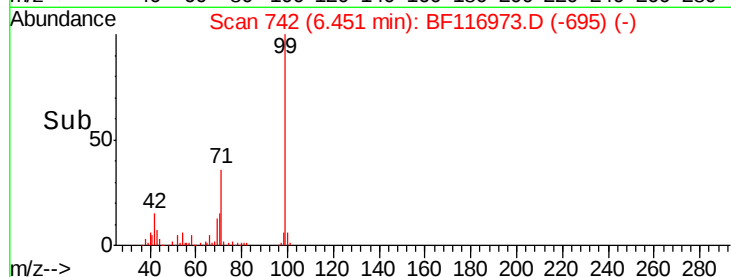
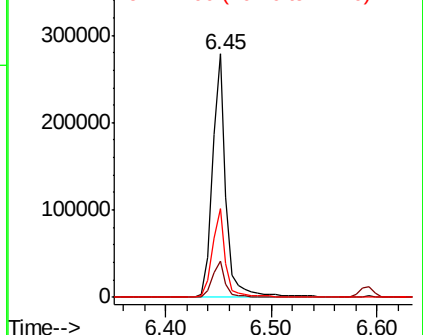
71 36.2 30.8 46.2



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: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116973.D

Acq: 12 Sep 2019 3:20

Tgt Ion: 136 Resp: 285154

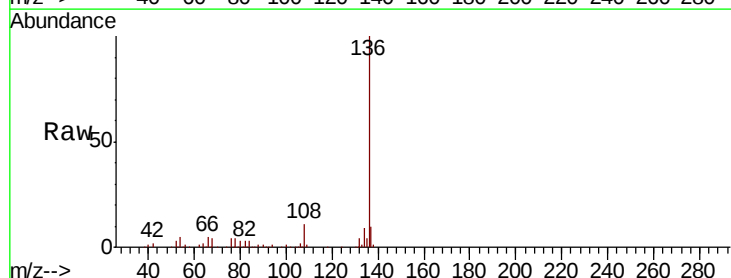
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 5.3 4.8 7.2

68 4.4 4.0 6.0

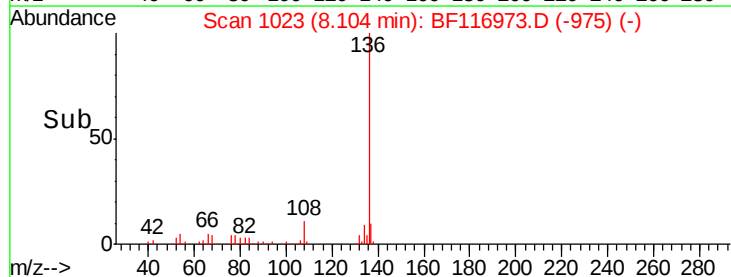
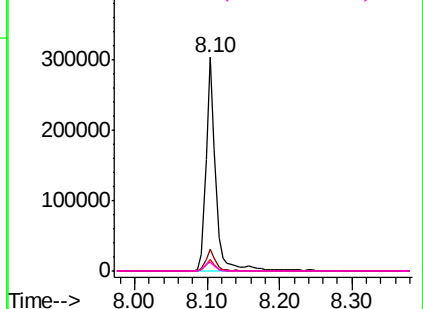


Abundance Ion 136.00 (135.70 to 136.70): E

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

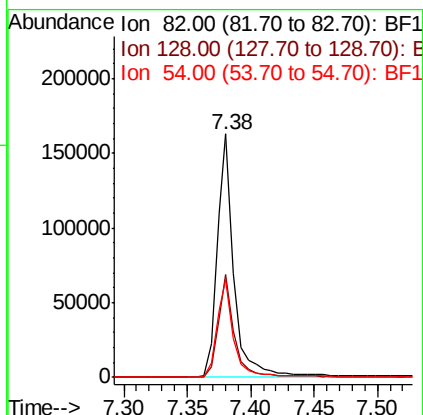
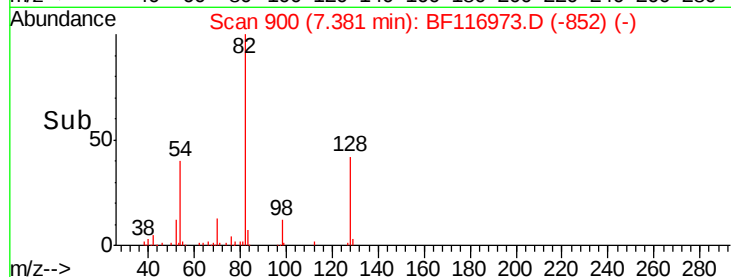
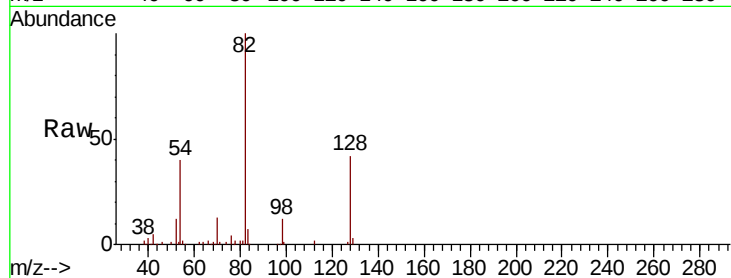




#23
 Nitrobenzene-d5
 Concen: 30.743 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.02 min
 Lab File: BF116973.D
 Acq: 12 Sep 2019 3:20

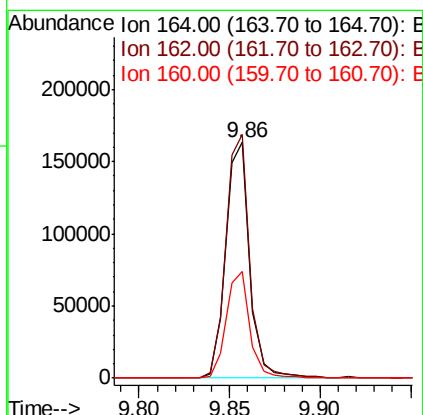
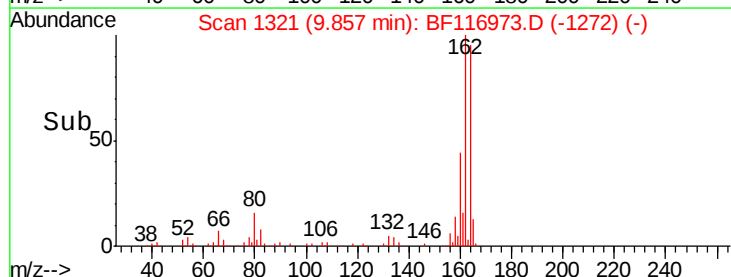
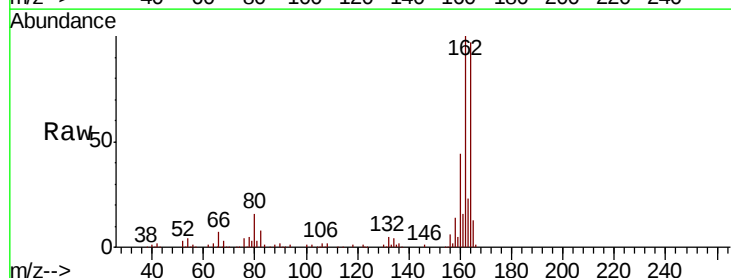
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S(1-4)

Tot Ion:	82	Resp:	153561
Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.8	49.2
54	40.0	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF116973.D
 Acq: 12 Sep 2019 3:20

Tgt Ion:	164	Resp:	150315
Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.4	122.0
160	45.2	35.4	53.2

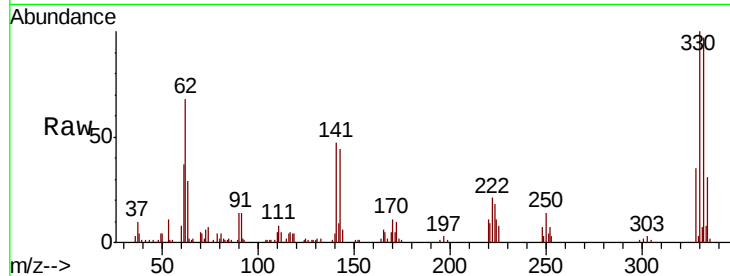




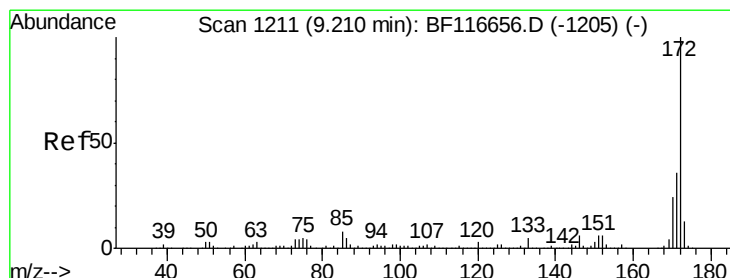
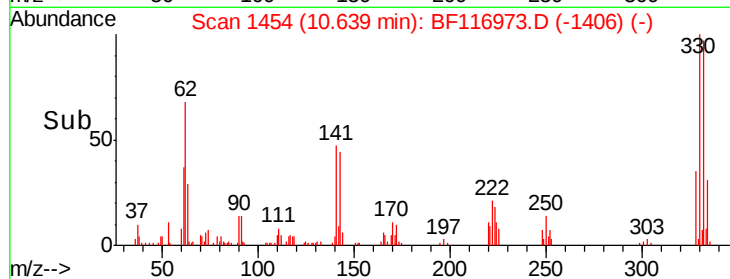
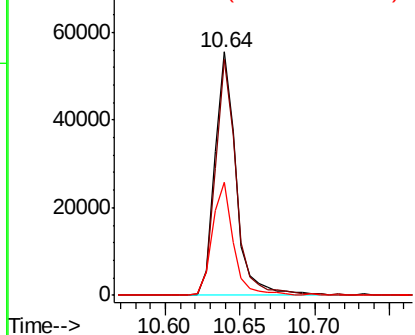
#42
 2,4,6-Tribromophenol
 Concen: 54.678 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BF116973.D
 Acq: 12 Sep 2019 3:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S(1-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	45.7	31.4	47.2

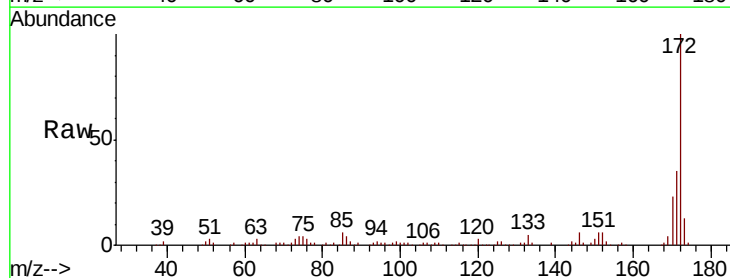


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

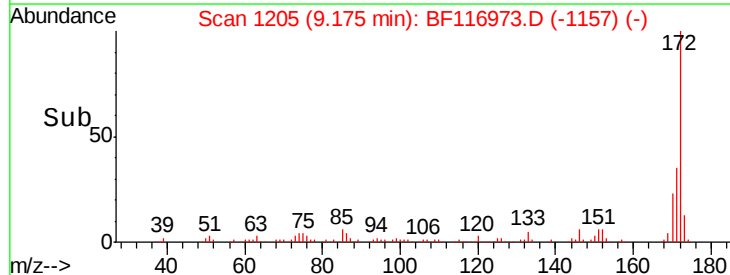
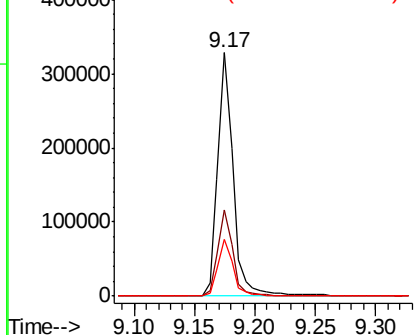


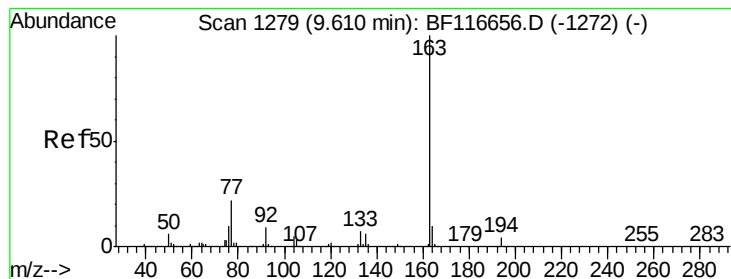
#45
 2-Fluorobiphenyl
 Concen: 32.269 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF116973.D
 Acq: 12 Sep 2019 3:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	23.1	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: 3.182 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF116973.D

Acq: 12 Sep 2019 3:20

Instrument :

BNA_F

ClientSampleId :

TP-3-S(1-4)

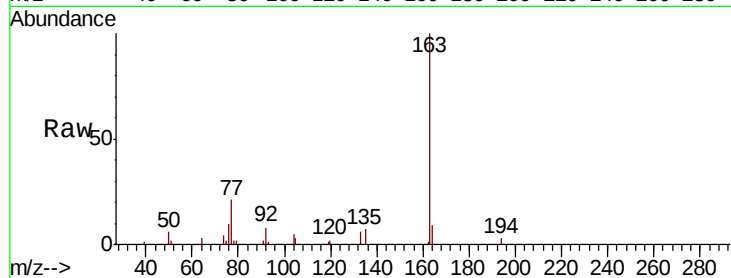
Tot Ion:163 Resp: 33025

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

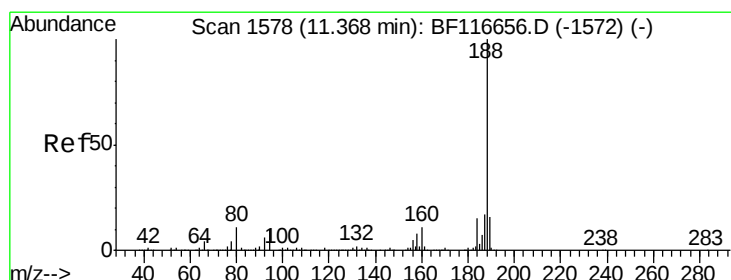
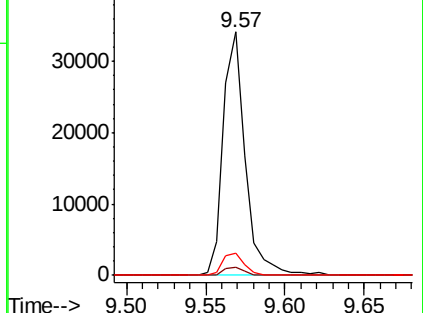
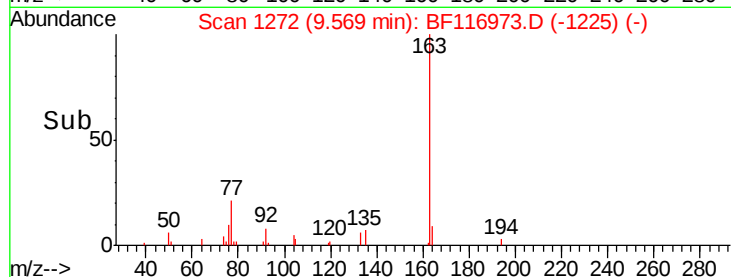
164 9.1 8.6 12.8



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: 11.33 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BF116973.D

Acq: 12 Sep 2019 3:20

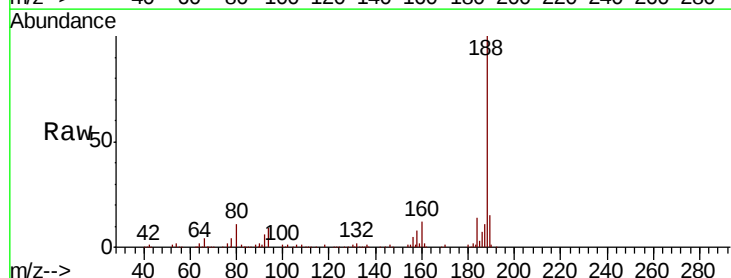
Tgt Ion:188 Resp: 253015

Ion Ratio Lower Upper

188 100

94 9.3 7.3 10.9

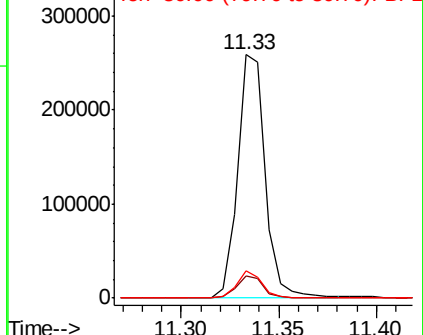
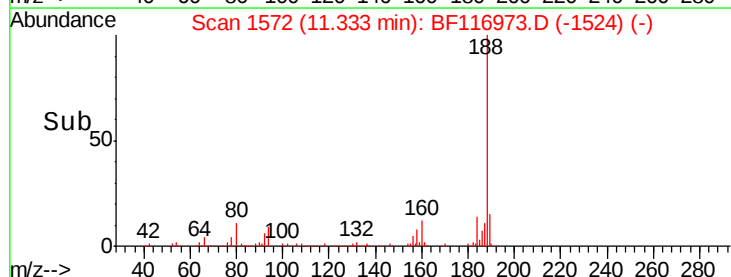
80 11.0 8.4 12.6

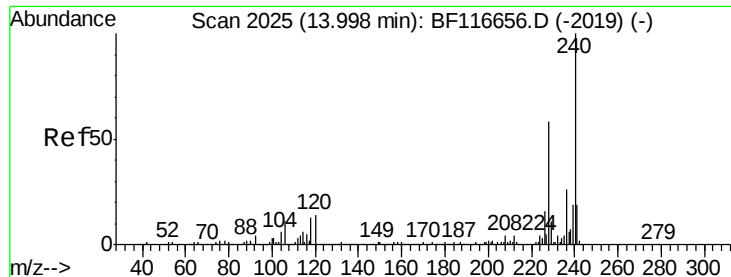


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF116973.D

Acq: 12 Sep 2019 3:20

Instrument :

BNA_F

ClientSampleId :

TP-3-S(1-4)

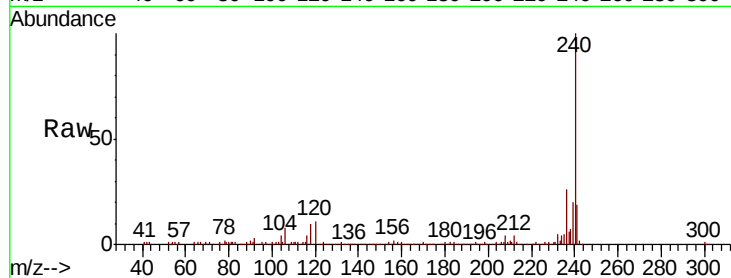
Tot Ion:240 Resp: 165070

Ion Ratio Lower Upper

240 100

120 11.1 9.1 13.7

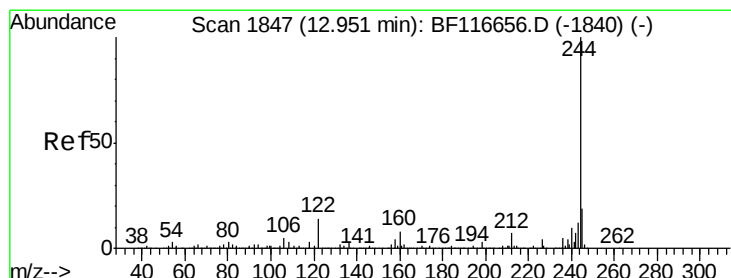
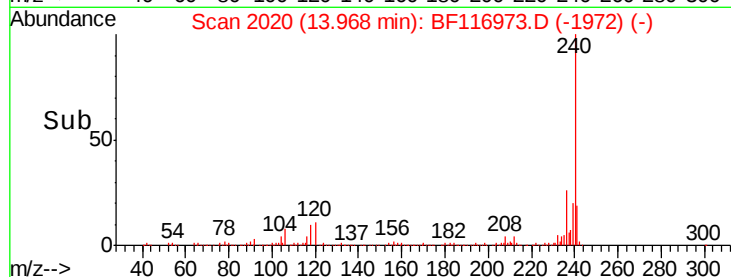
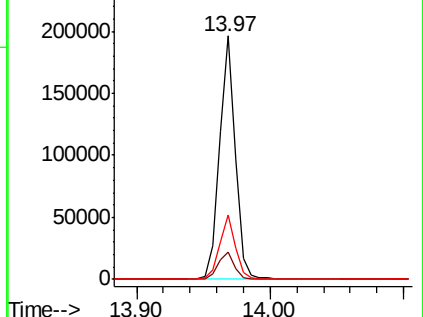
236 26.4 21.1 31.7



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: 30.169 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.02 min

Lab File: BF116973.D

Acq: 12 Sep 2019 3:20

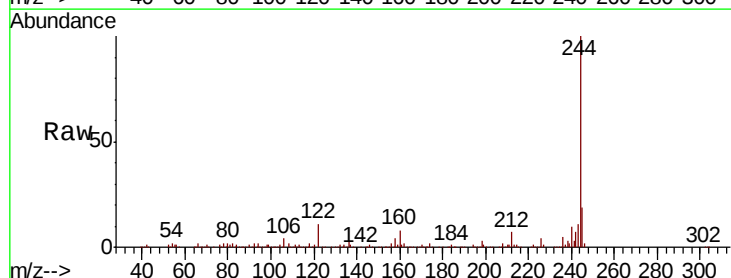
Tgt Ion:244 Resp: 269196

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

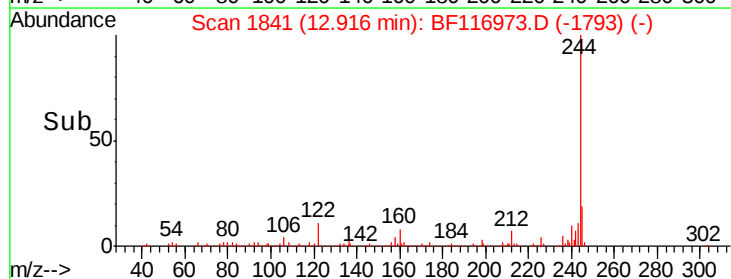
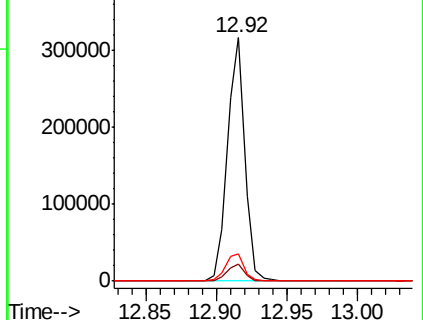
122 11.0 10.2 15.4

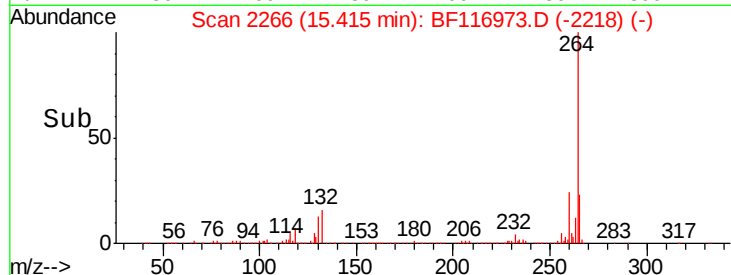
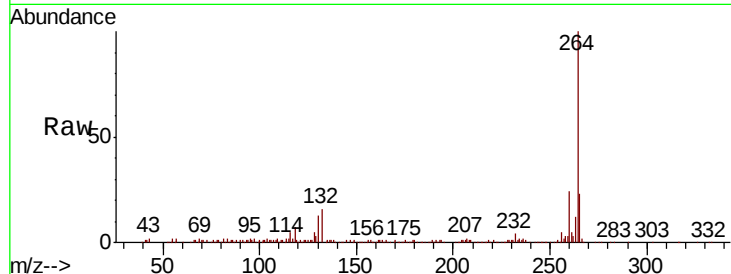
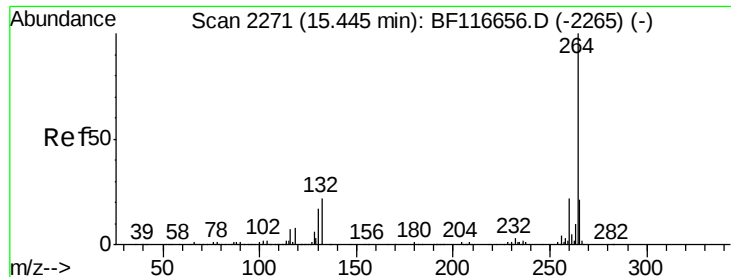


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2266
Delta R.T. -0.02 min
Lab File: BF116973.D
Acq: 12 Sep 2019 3:20

Instrument :
BNA_F
ClientSampleId :
TP-3-S(1-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	22.7	16.5	24.7

