

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116801.D
 Acq On : 4 Sep 2019 5:00
 Operator : HP/JU
 Sample : K4643-30
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T11-C1-C4-(0-4)

Quant Time: Sep 04 07:54:19 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

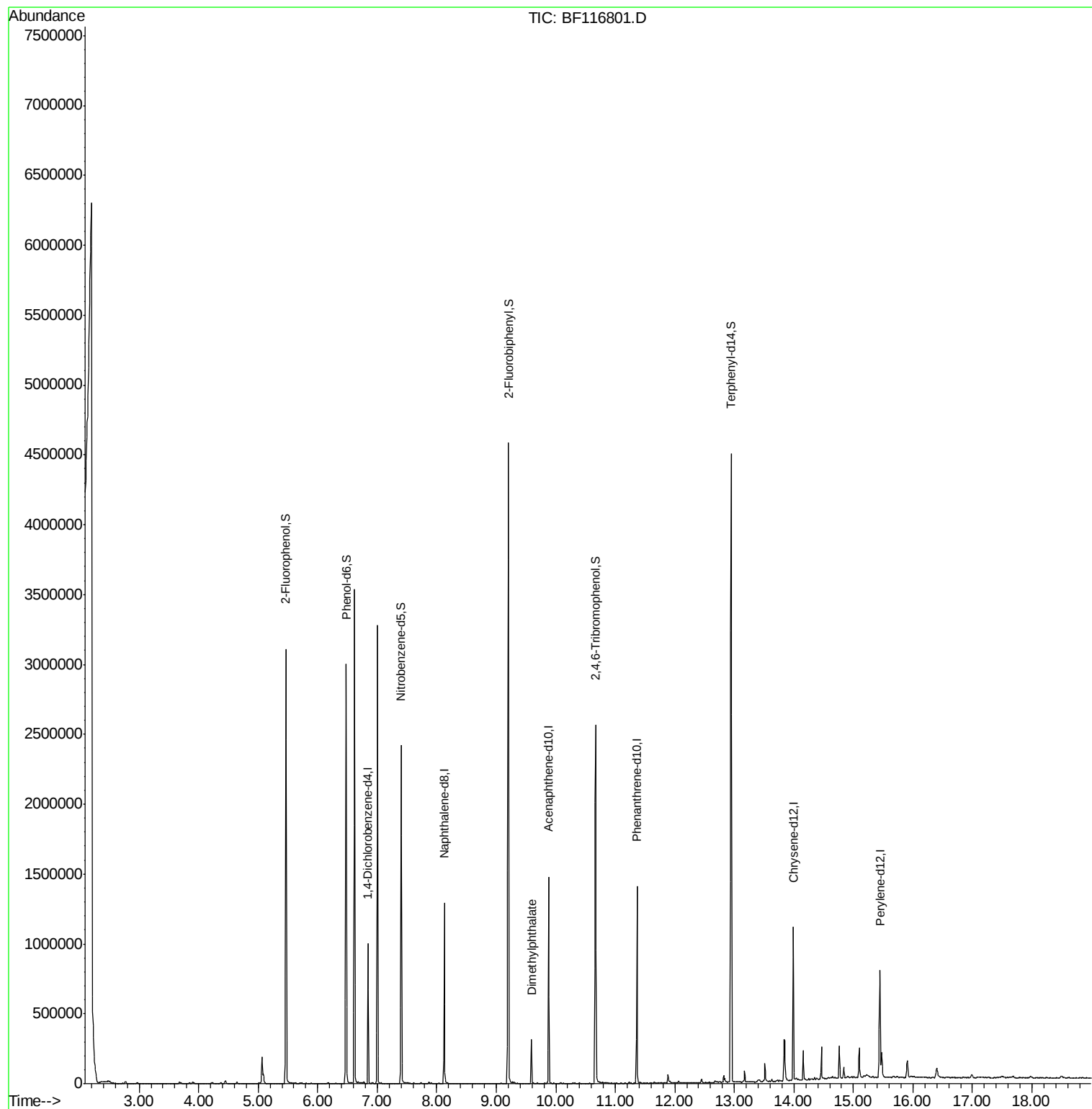
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	139665	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	553424	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	283785	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	482211	20.00	ng	0.00
76) Chrysene-d12	13.99	240	329902	20.00	ng	0.00
87) Perylene-d12	15.44	264	340407	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	966796	112.14	ng	0.00
7) Phenol-d6	6.48	99	1183305	104.53	ng	0.00
23) Nitrobenzene-d5	7.40	82	859639	88.67	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	283969	149.68	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1447343	86.03	ng	0.00
79) Terphenyl-d14	12.94	244	1513226	84.85	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	136832	6.984	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: BF116801.D

Acq: 4 Sep 2019 5:00

Instrument :

BNA_F

ClientSampleId :

T11-C1-C4-(0-4)

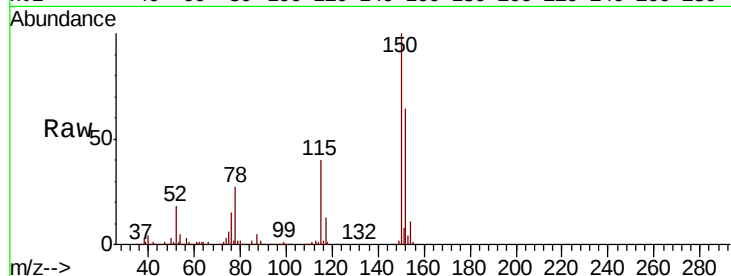
Tot Ion:152 Resp: 139665

Ion Ratio Lower Upper

152 100

150 156.5 124.4 186.6

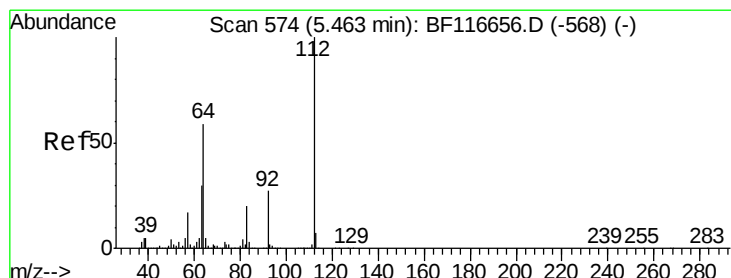
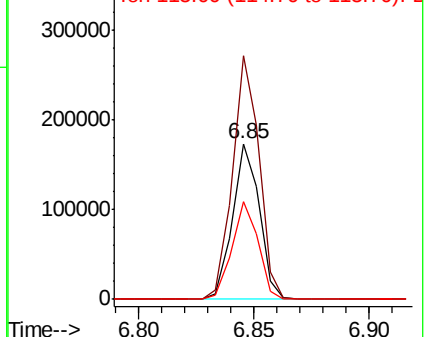
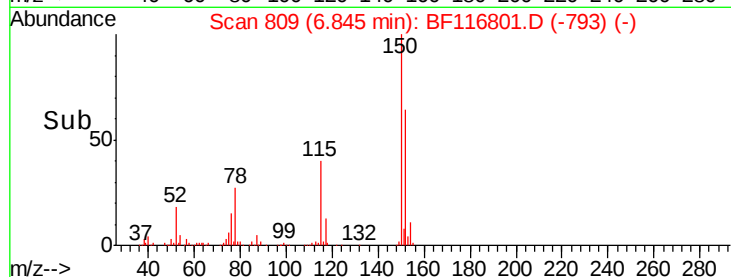
115 62.9 49.9 74.9



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: 112.144 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116801.D

Acq: 4 Sep 2019 5:00

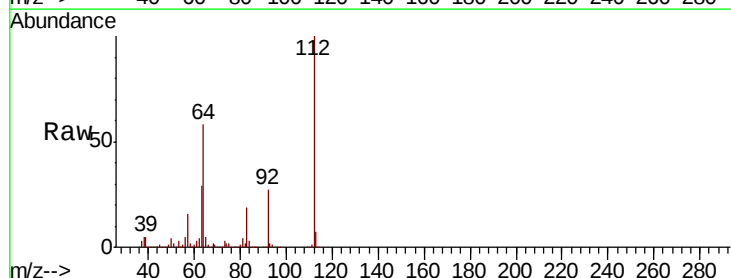
Tgt Ion:112 Resp: 966796

Ion Ratio Lower Upper

112 100

64 57.7 47.1 70.7

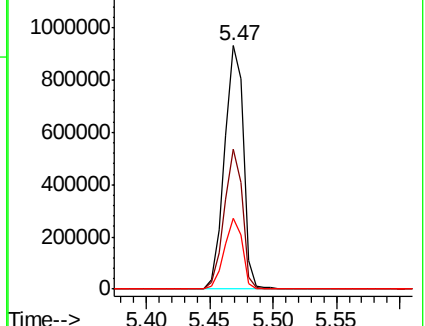
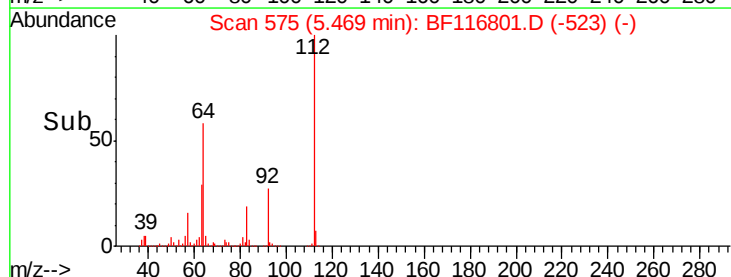
63 29.0 24.9 37.3

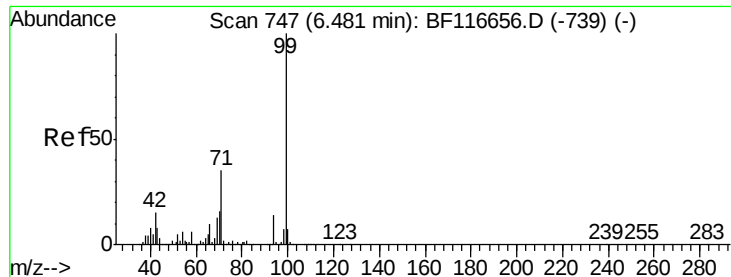


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 104.529 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF116801.D

Acq: 4 Sep 2019 5:00

Instrument :

BNA_F

ClientSampleId :

T11-C1-C4-(0-4)

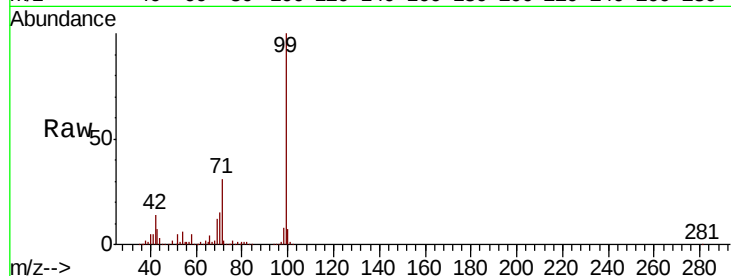
Tot Ion: 99 Resp: 1183305

Ion Ratio Lower Upper

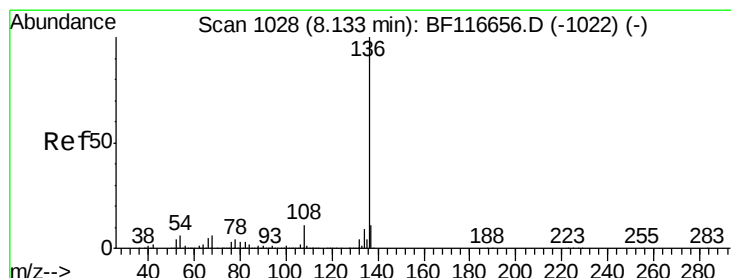
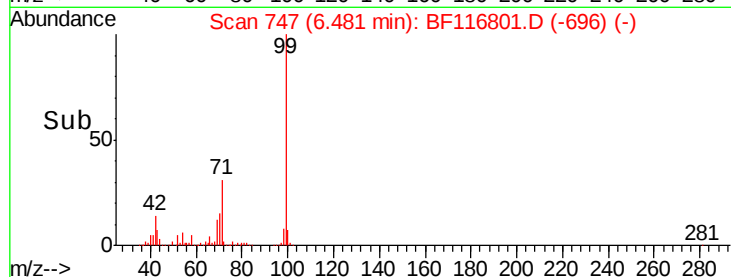
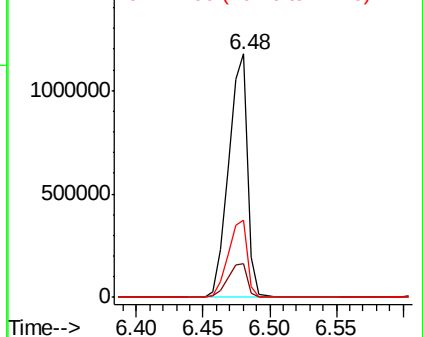
99 100

42 13.7 13.7 20.5

71 31.5 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: BF116801.D

Acq: 4 Sep 2019 5:00

Tgt Ion: 136 Resp: 553424

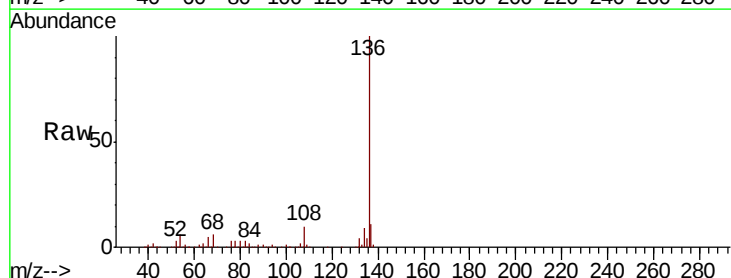
Ion Ratio Lower Upper

136 100

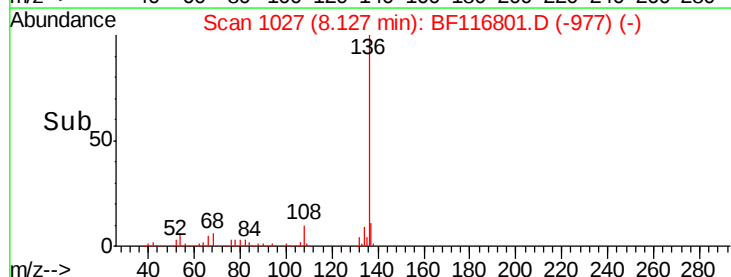
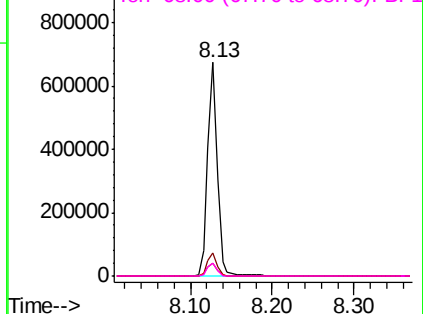
137 10.9 8.9 13.3

54 6.0 4.8 7.2

68 6.0 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

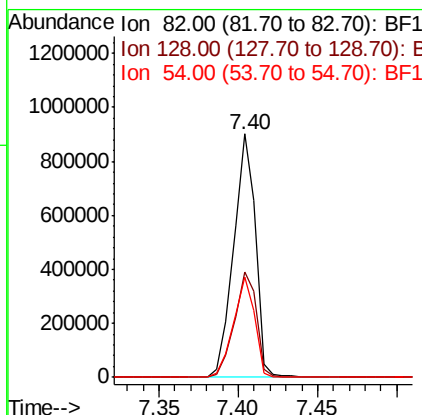
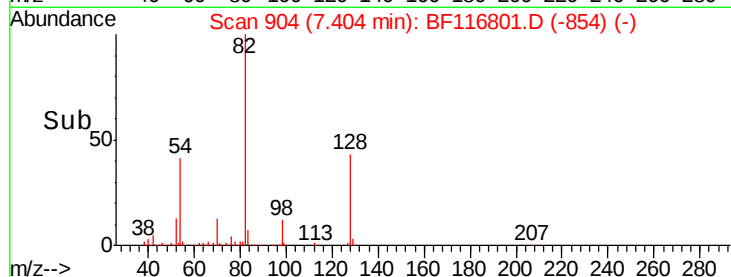
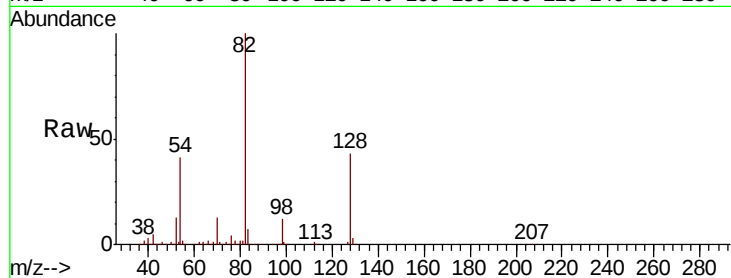




#23
Nitrobenzene-d5
Concen: 88.674 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116801.D
Acq: 4 Sep 2019 5:00

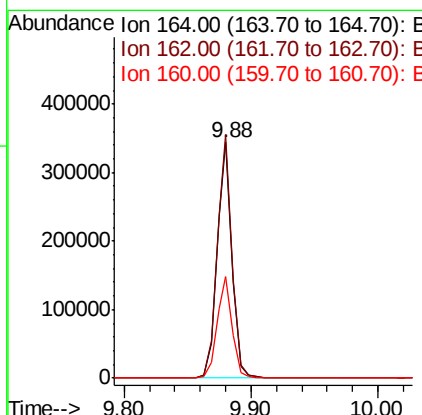
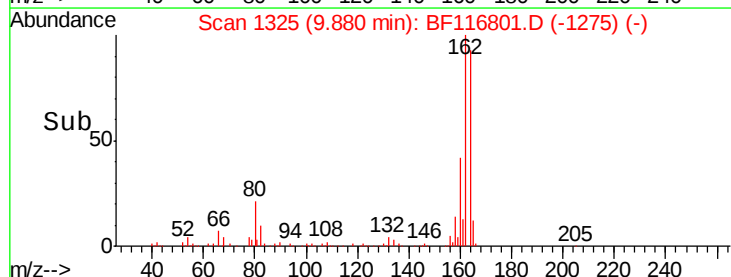
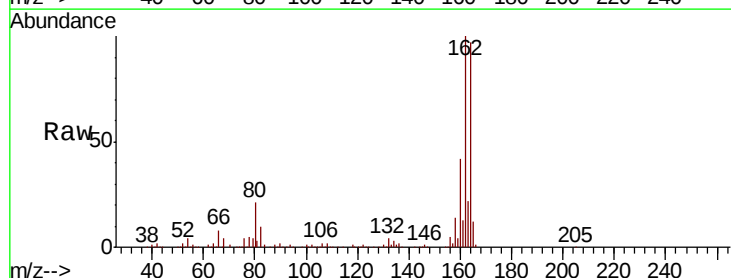
Instrument :
BNA_F
ClientSampleId :
T11-C1-C4-(0-4)

Tot Ion	82	Resp	859639
Ion Ratio	Lower	Upper	
82	100		
128	43.4	32.8	49.2
54	41.1	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: BF116801.D
Acq: 4 Sep 2019 5:00

Tgt Ion	164	Resp	283785
Ion Ratio	Lower	Upper	
164	100		
162	103.3	81.4	122.0
160	43.3	35.4	53.2

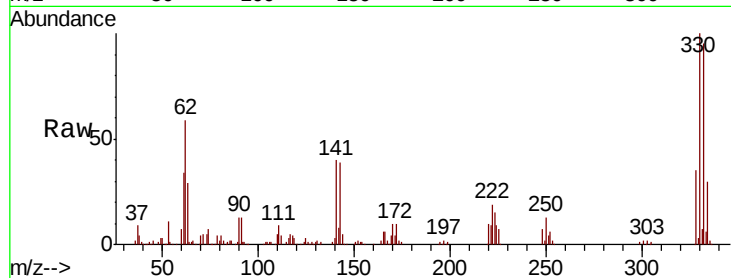




#42
 2,4,6-Tribromophenol
 Concen: 149.681 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116801.D
 Acq: 4 Sep 2019 5:00

Instrument :
 BNA_F
 ClientSampleId :
 T11-C1-C4-(0-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.9	115.3
141	40.9	31.4	47.2

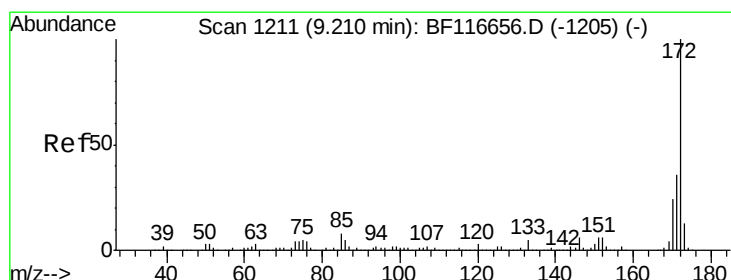
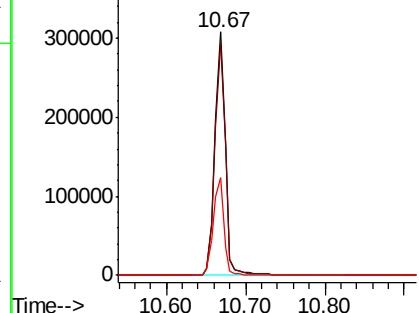
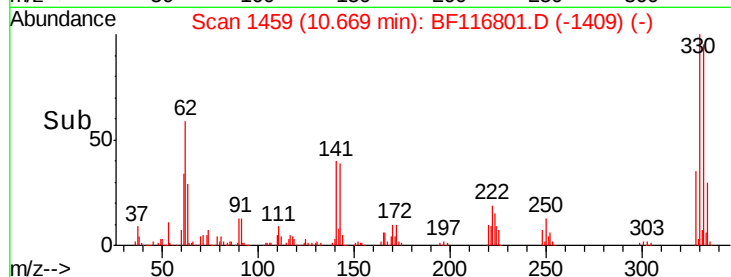


Abundance

Ion 329.80 (329.50 to 330.50): E

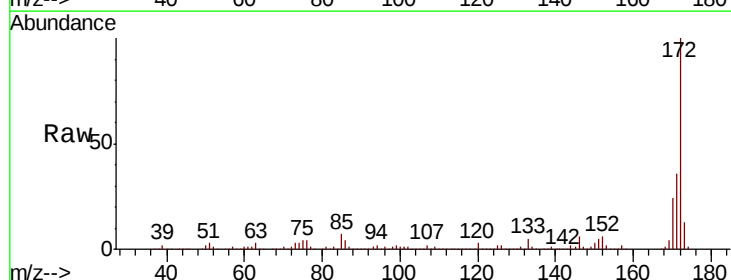
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.034 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116801.D
 Acq: 4 Sep 2019 5:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.8	41.6
170	24.0	18.9	28.3

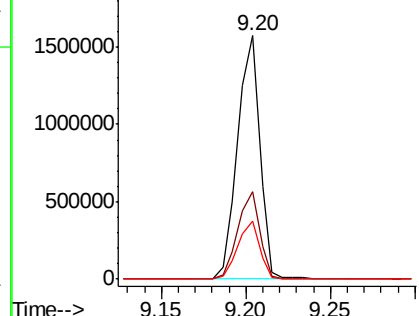
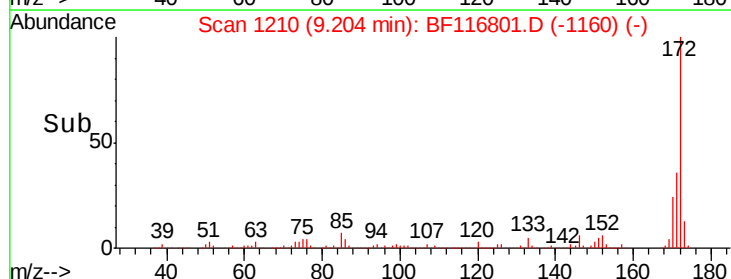


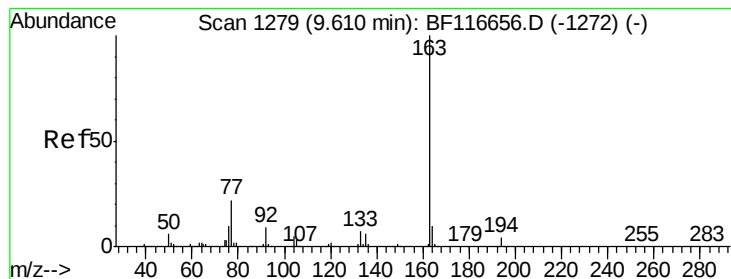
Abundance

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: 6.984 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF116801.D

Acq: 4 Sep 2019 5:00

Instrument :

BNA_F

ClientSampleId :

T11-C1-C4-(0-4)

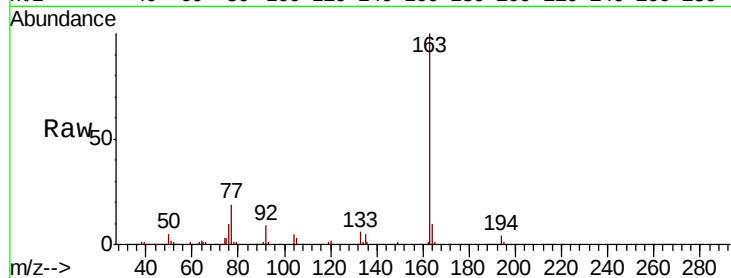
Tot Ion:163 Resp: 136832

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

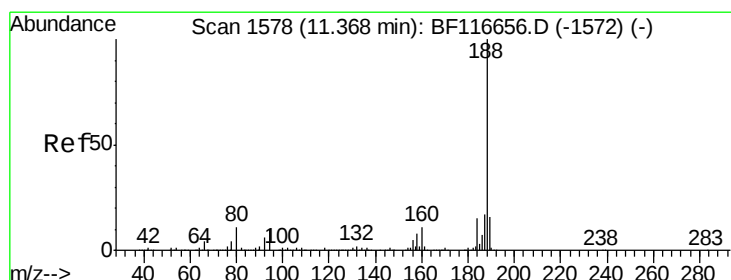
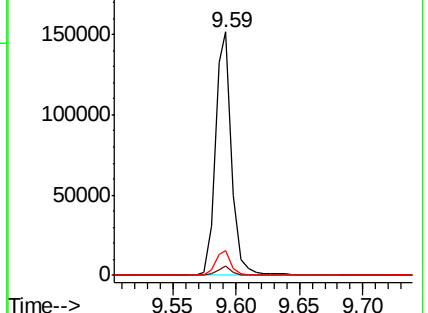
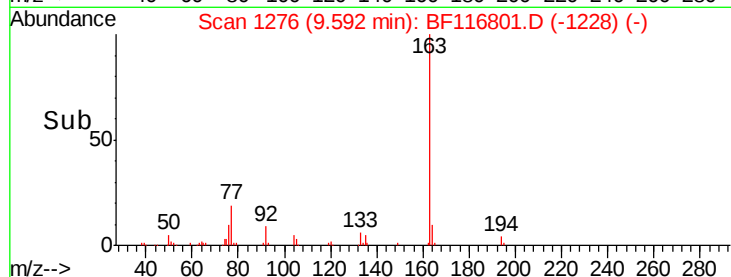
164 10.4 8.6 12.8



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: BF116801.D

Acq: 4 Sep 2019 5:00

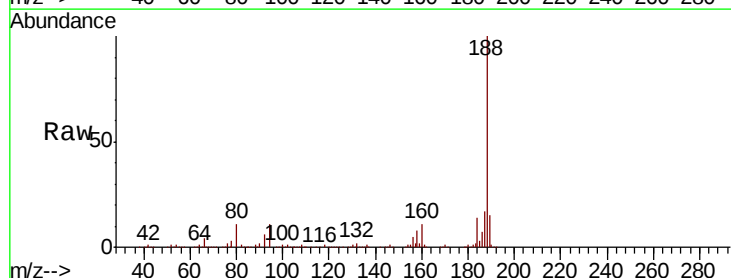
Tgt Ion:188 Resp: 482211

Ion Ratio Lower Upper

188 100

94 10.8 7.3 10.9

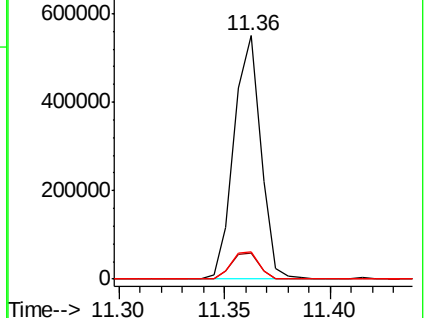
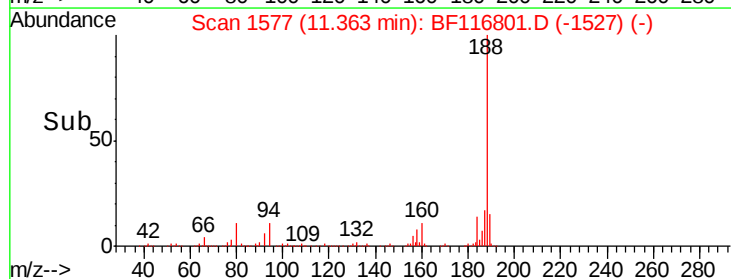
80 11.4 8.4 12.6

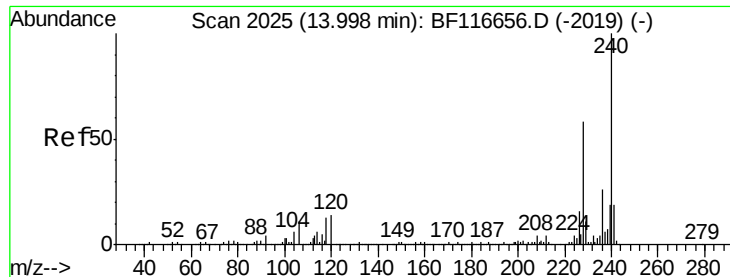


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

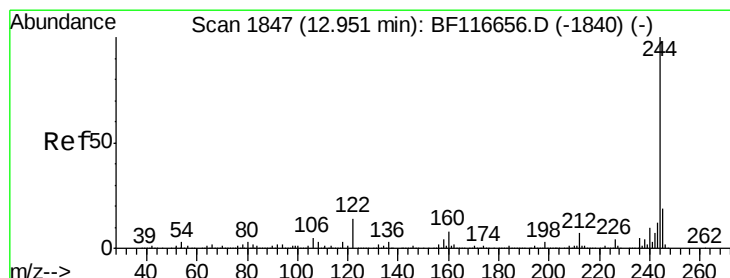
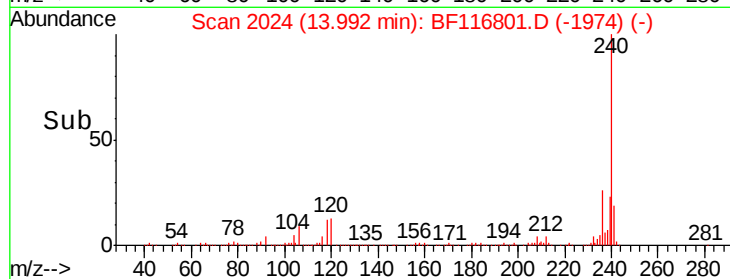
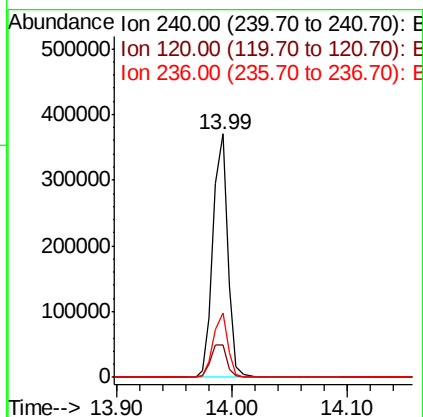
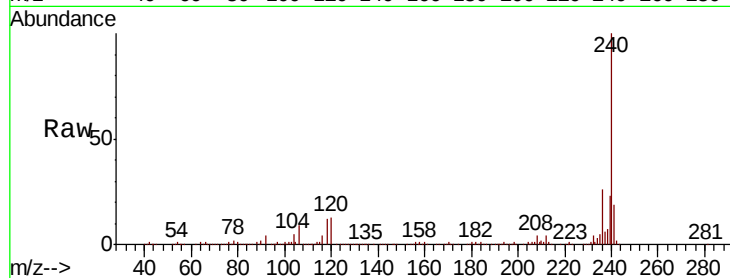




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF116801.D
 Acq: 4 Sep 2019 5:00

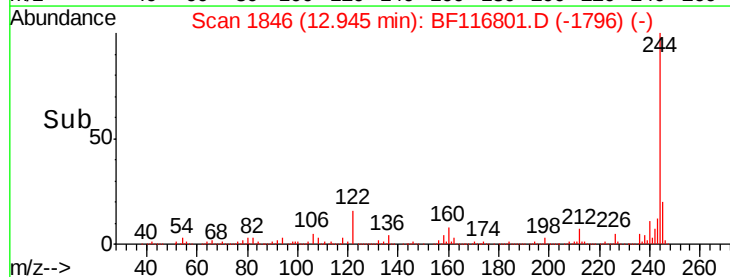
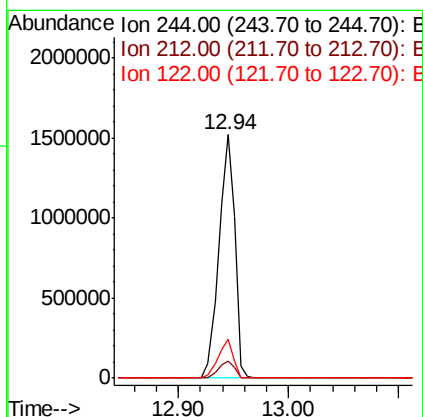
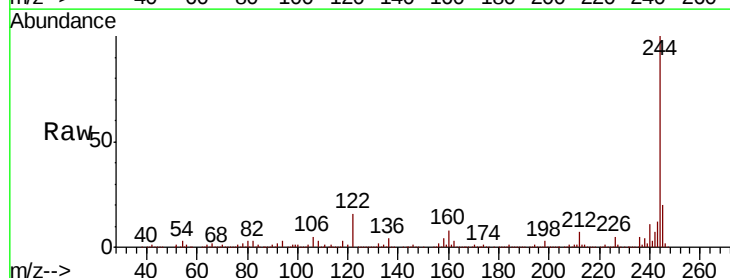
Instrument :
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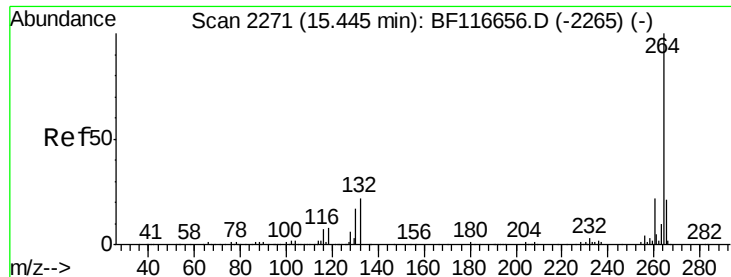
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.1	13.7
236	26.3	21.1	31.7



#79
 Terphenyl-d14
 Concen: 84.855 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116801.D
 Acq: 4 Sep 2019 5:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	15.7	10.2	15.4

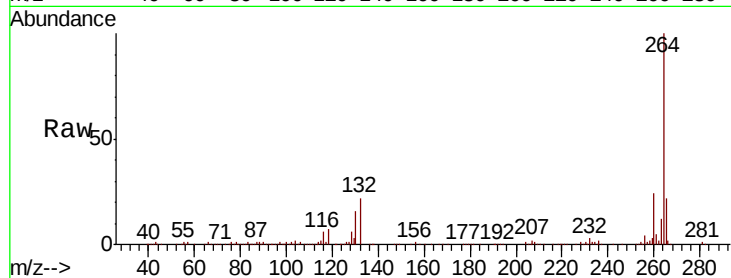




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF116801.D
Acq: 4 Sep 2019 5:00

Instrument :
BNA_F
ClientSampleId :
T11-C1-C4-(0-4)

Tot Ion:	264	Resp:	340407
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.3	27.5
265	22.4	16.5	24.7



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

