

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115772.D
 Acq On : 25 Jul 2019 21:47
 Operator : HP/JU
 Sample : K3990-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-A

Quant Time: Jul 26 07:28:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

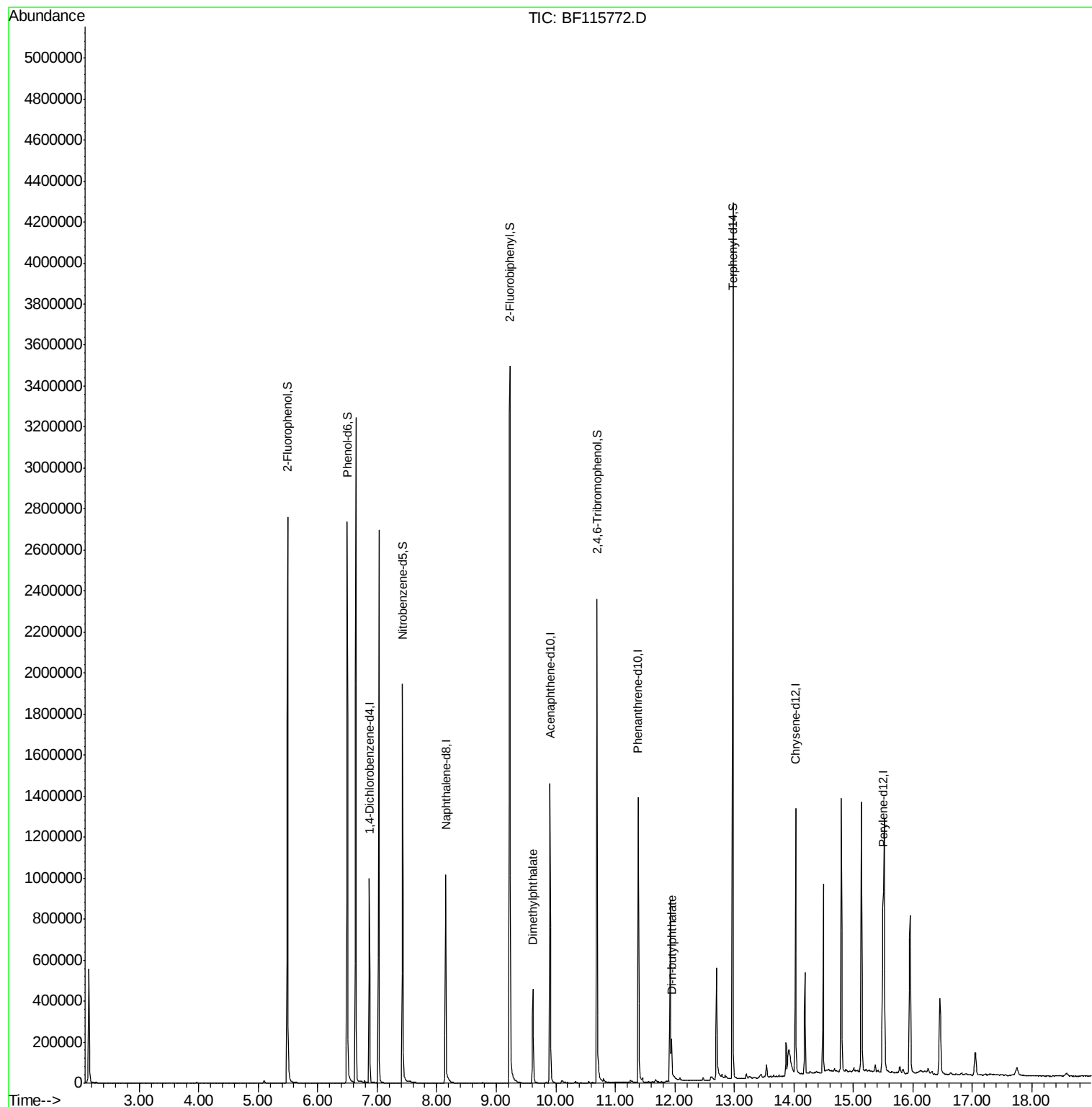
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	131826	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	525445	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	294735	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	551479	20.00	ng	0.00
76) Chrysene-d12	14.03	240	427173	20.00	ng	0.00
87) Perylene-d12	15.49	264	412389	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	799552	99.21	ng	0.00
7) Phenol-d6	6.50	99	1044375	102.13	ng	0.00
23) Nitrobenzene-d5	7.43	82	654137	72.39	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	330232	95.99	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1259542	74.80	ng	0.00
79) Terphenyl-d14	12.97	244	1522291	65.76	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	213300	9.619	ng	99
74) Di-n-butylphthalate	11.94	149	69060	2.188	ng	99

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

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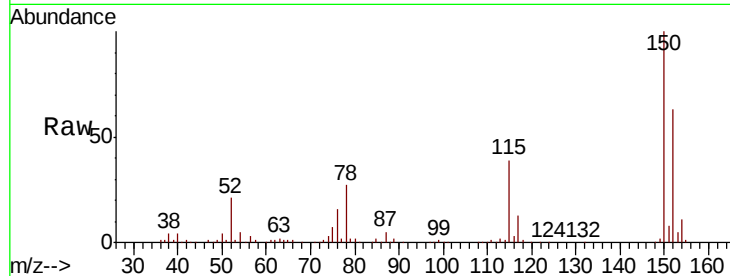


#1

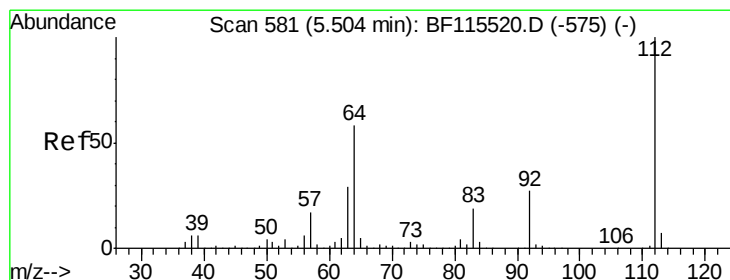
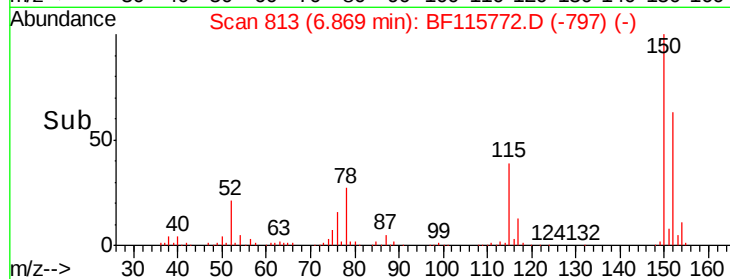
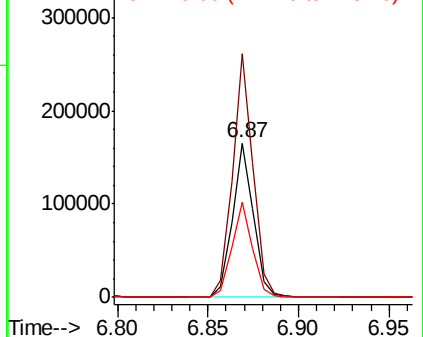
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115772.D
 Acq: 25 Jul 2019 21:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-A

Tot Ion:152 Resp: 131826
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.6 189.8
 115 61.9 47.8 71.6



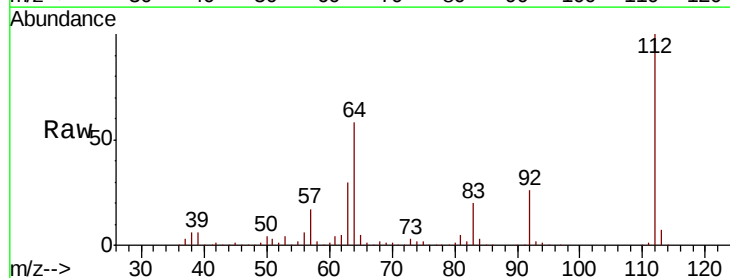
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



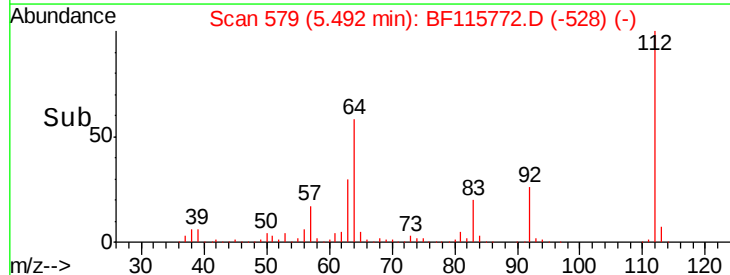
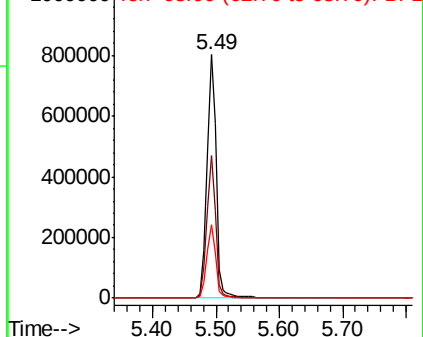
#5

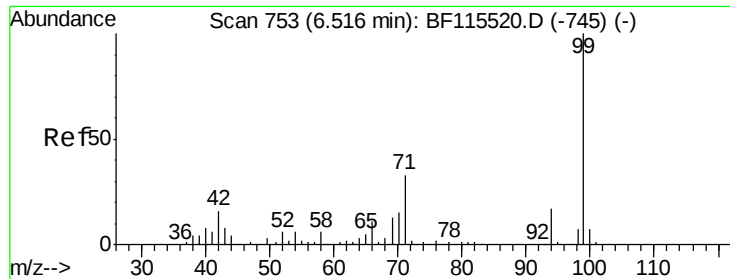
2-Fluorophenol
 Concen: 99.209 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF115772.D
 Acq: 25 Jul 2019 21:47

Tgt Ion:112 Resp: 799552
 Ion Ratio Lower Upper
 112 100
 64 58.4 45.8 68.8
 63 30.2 23.6 35.4



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: 102.127 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115772.D

Acq: 25 Jul 2019 21:47

Instrument :

BNA_F

ClientSampled :

TP-3-A

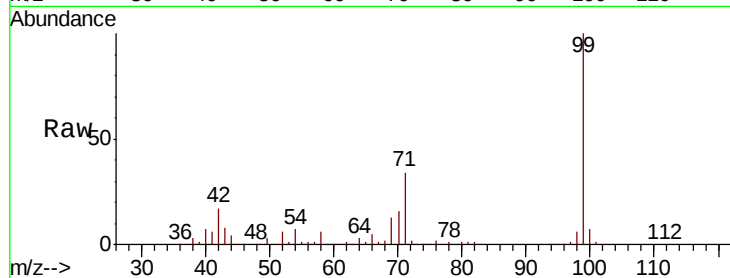
Tot Ion: 99 Resp: 1044375

Ion Ratio Lower Upper

99 100

42 17.2 13.4 20.2

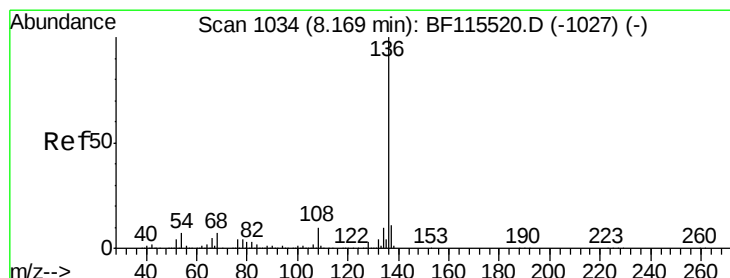
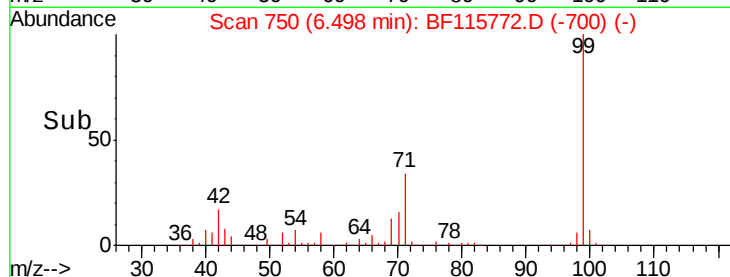
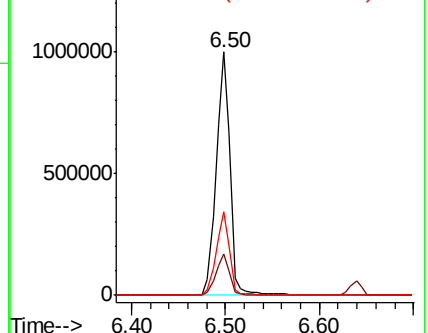
71 34.1 26.7 40.1



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115772.D

Acq: 25 Jul 2019 21:47

Tgt Ion: 136 Resp: 525445

Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.7 5.0 7.6

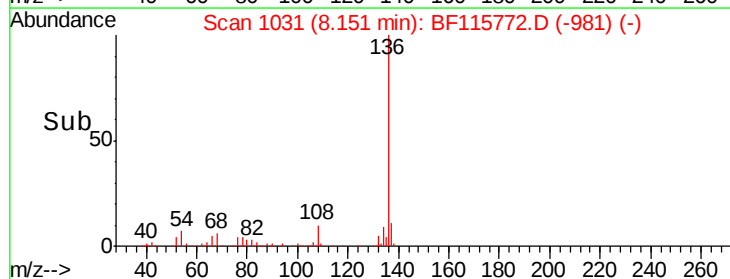
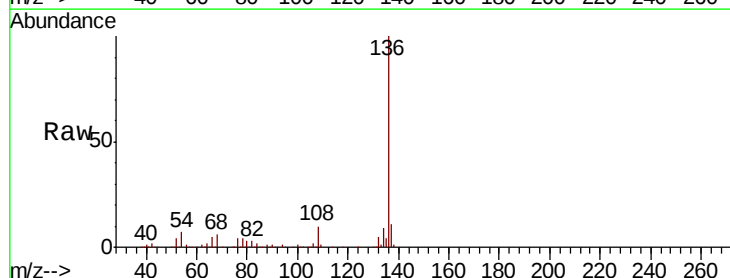
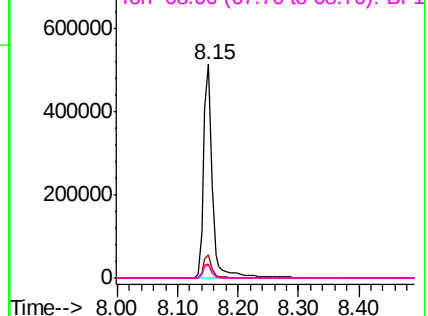
68 5.9 4.7 7.1

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

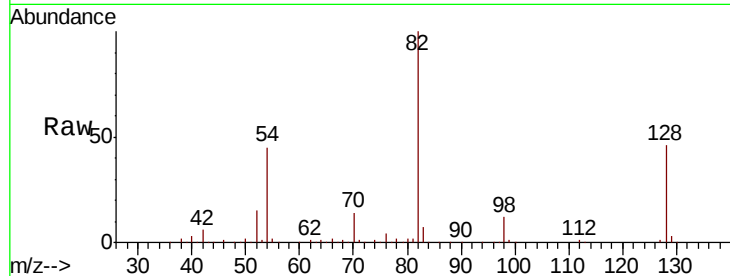




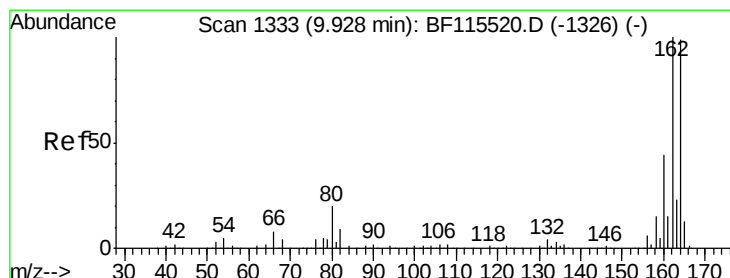
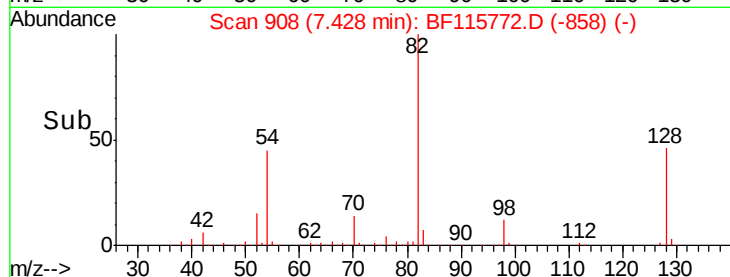
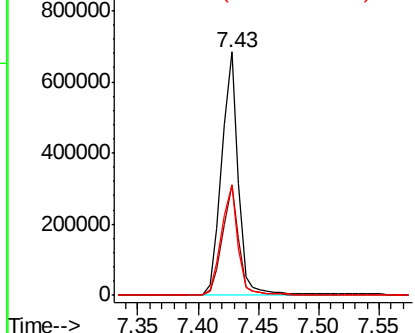
#23
 Nitrobenzene-d5
 Concen: 72.388 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF115772.D
 Acq: 25 Jul 2019 21:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-A

Tot Ion	82	Resp	654137
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.6	55.0
54	45.2	36.6	54.8

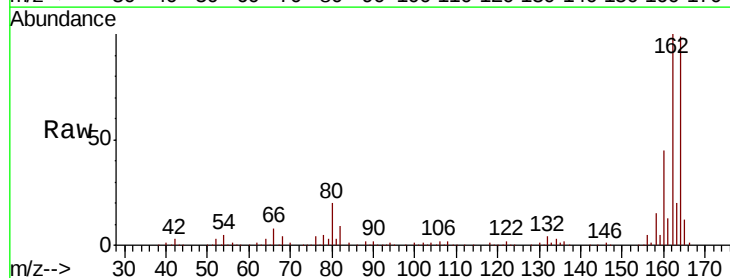


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

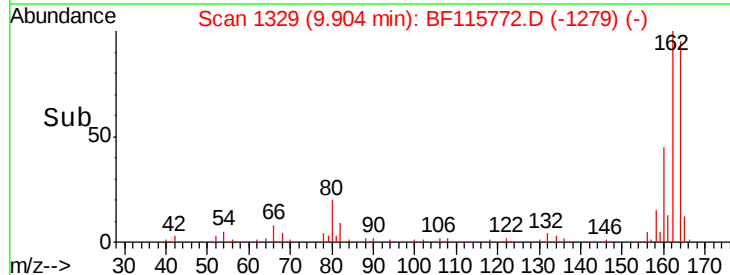
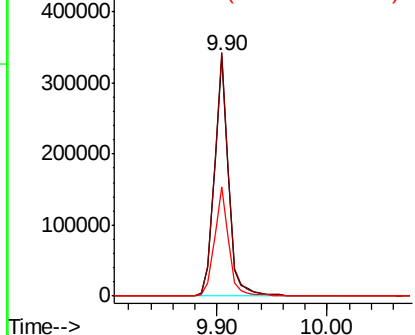


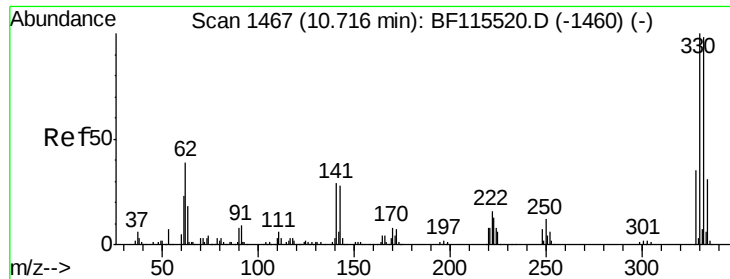
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF115772.D
 Acq: 25 Jul 2019 21:47

Tgt Ion	164	Resp	294735
Ion Ratio	Lower	Upper	
164	100		
162	101.5	81.8	122.6
160	45.5	37.5	56.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

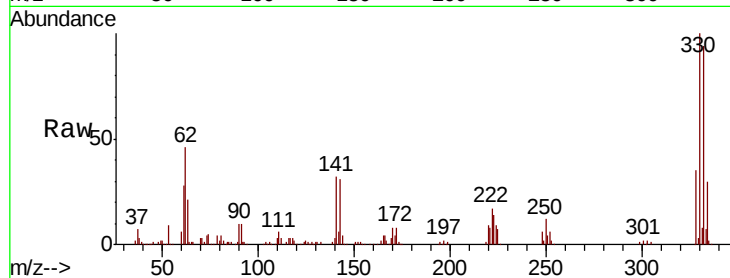




#42
 2,4,6-Tribromophenol
 Concen: 95.990 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF115772.D
 Acq: 25 Jul 2019 21:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.1	114.1
141	33.2	25.9	38.9

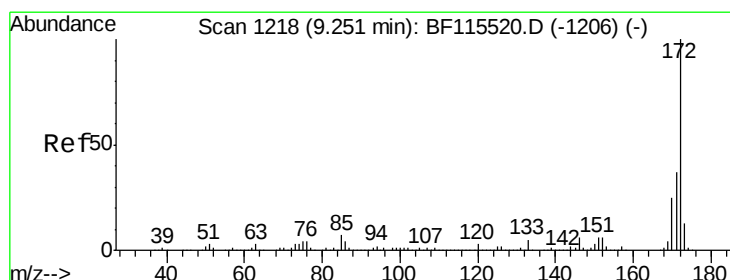
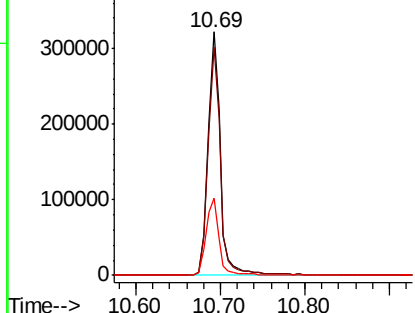
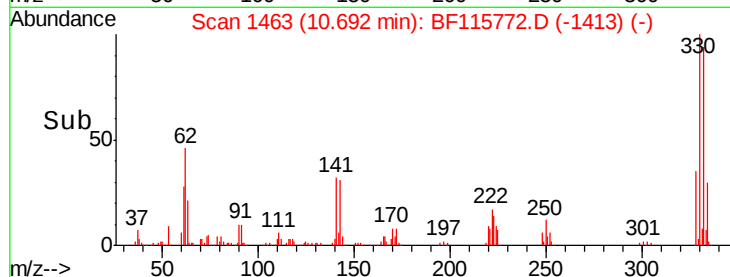


Abundance

Ion 329.80 (329.50 to 330.50): E

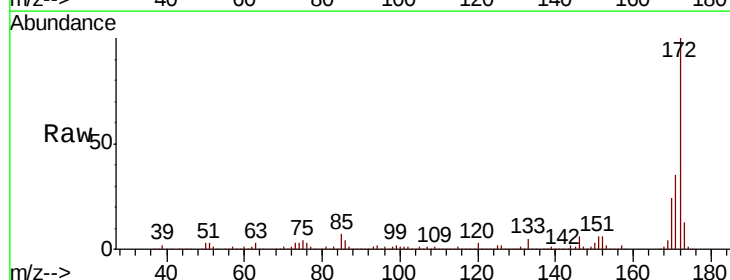
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.798 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115772.D
 Acq: 25 Jul 2019 21:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	24.4	20.1	30.1

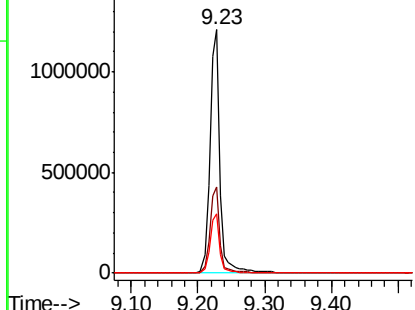
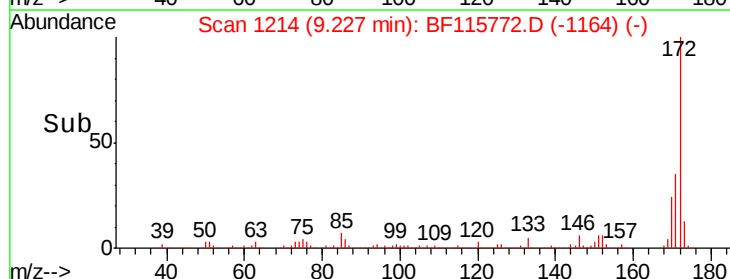


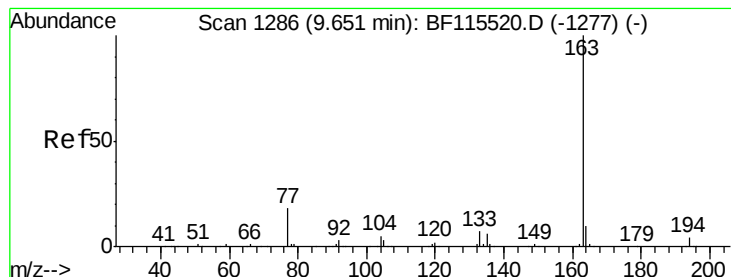
Abundance

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: 9.619 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF115772.D

Acq: 25 Jul 2019 21:47

Instrument :

BNA_F

ClientSampleId :

TP-3-A

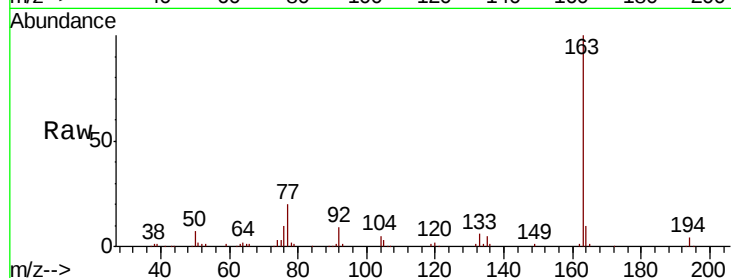
Tot Ion:163 Resp: 213300

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

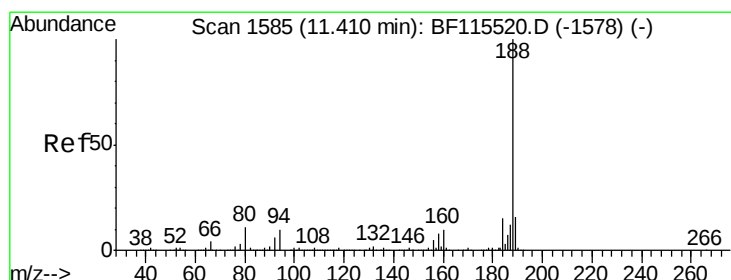
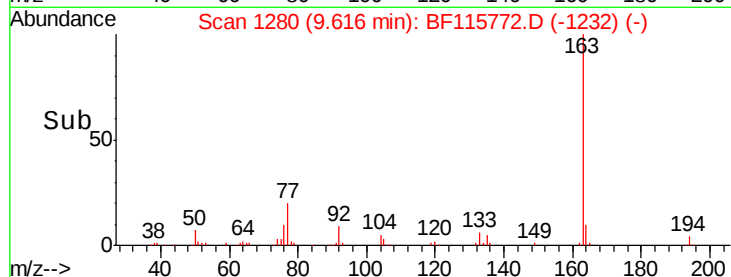
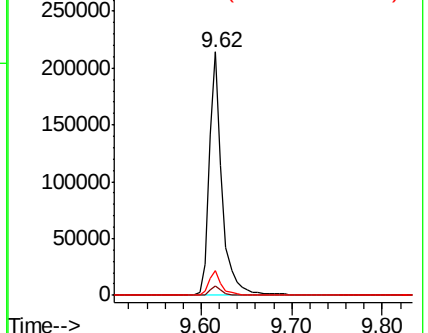
164 10.0 8.3 12.5



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: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF115772.D

Acq: 25 Jul 2019 21:47

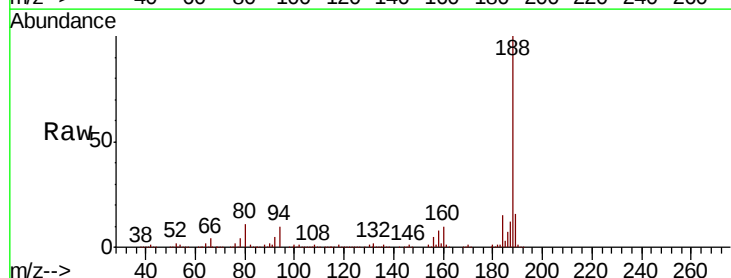
Tgt Ion:188 Resp: 551479

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

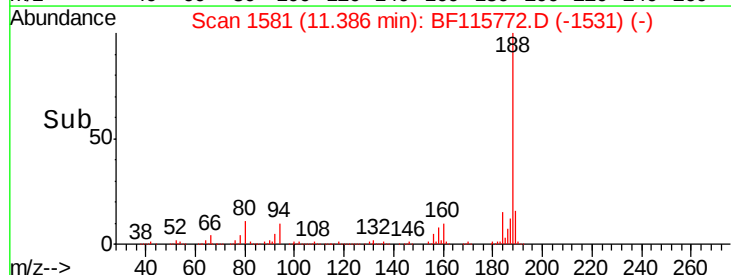
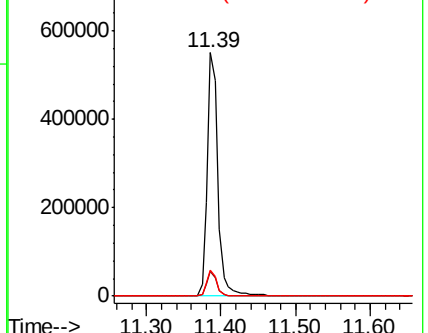
80 10.9 9.0 13.6

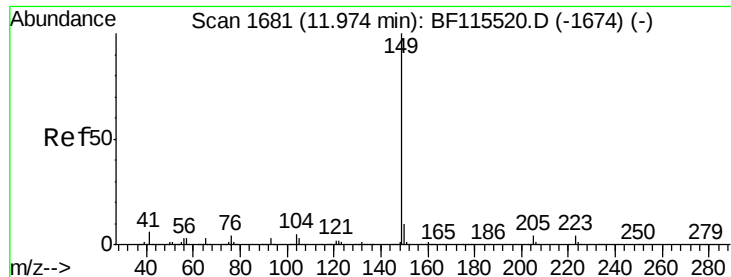


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

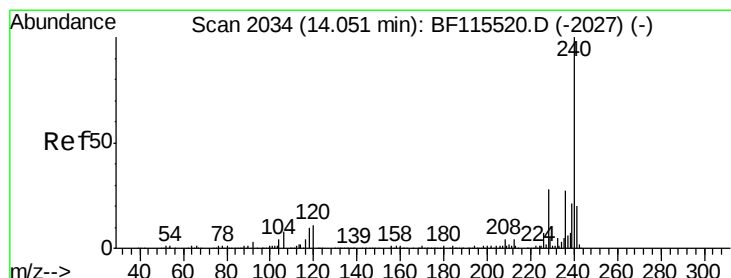
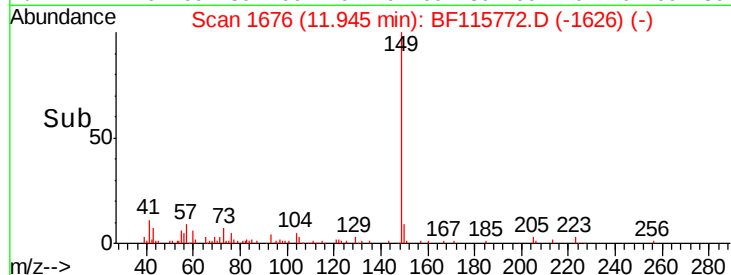
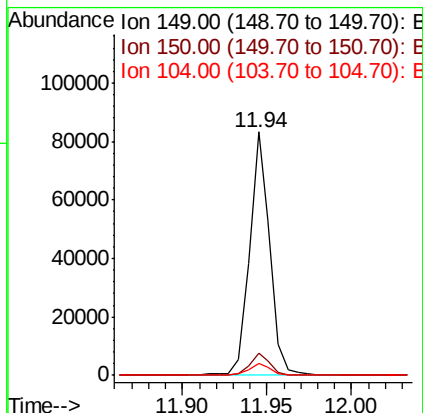
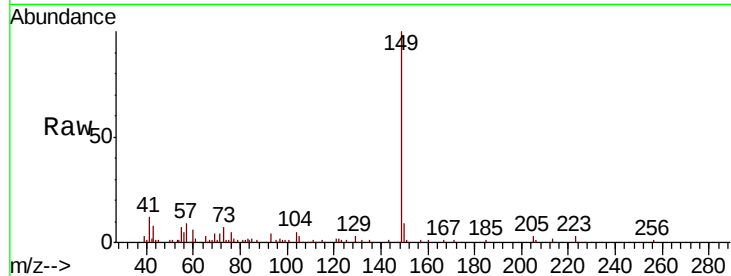




#74
Di-n-butylphthalate
Concen: 2.188 ng
RT: 11.94 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BF115772.D
Acq: 25 Jul 2019 21:47

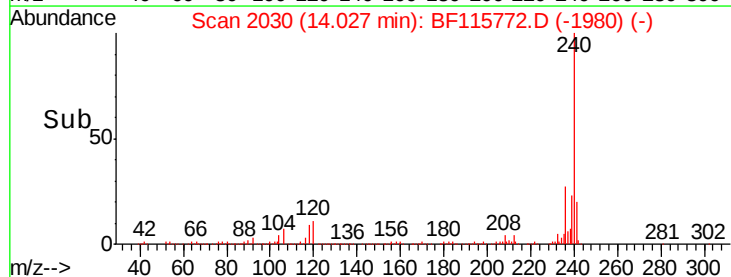
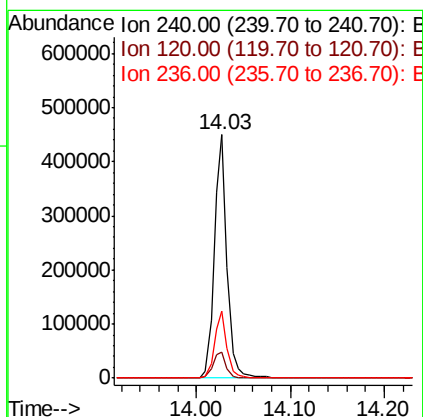
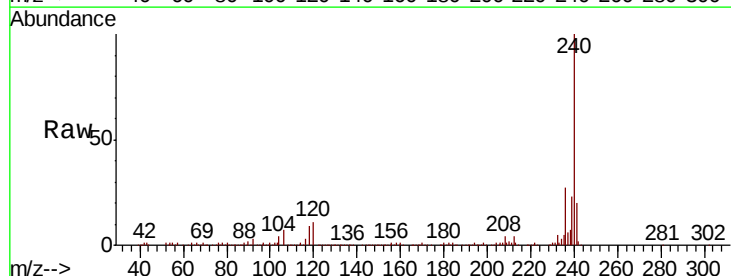
Instrument :
BNA_F
ClientSampleId :
TP-3-A

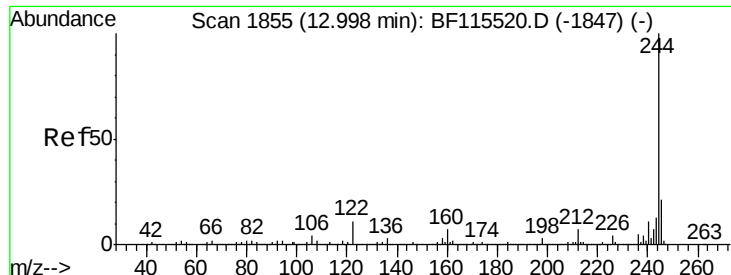
Tot Ion:149 Resp: 69060
Ion Ratio Lower Upper
149 100
150 9.4 8.0 12.0
104 5.1 4.3 6.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115772.D
Acq: 25 Jul 2019 21:47

Tgt Ion:240 Resp: 427173
Ion Ratio Lower Upper
240 100
120 10.8 10.0 15.0
236 27.4 21.8 32.6





#79

Terphenyl-d14

Concen: 65.755 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF115772.D

Acq: 25 Jul 2019 21:47

Instrument :

BNA_F

ClientSampleId :

TP-3-A

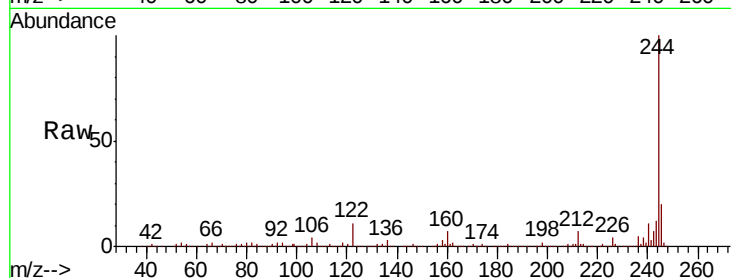
Tot Ion:244 Resp: 1522291

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

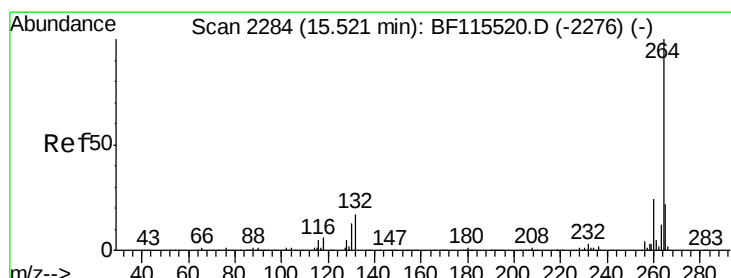
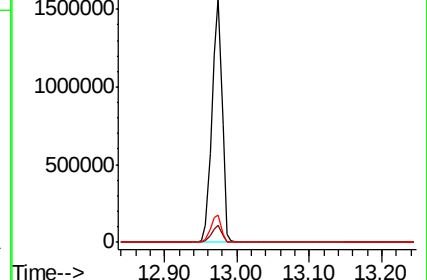
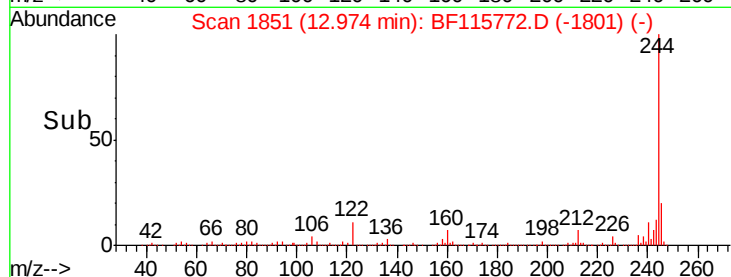
122 11.3 8.2 12.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF115772.D

Acq: 25 Jul 2019 21:47

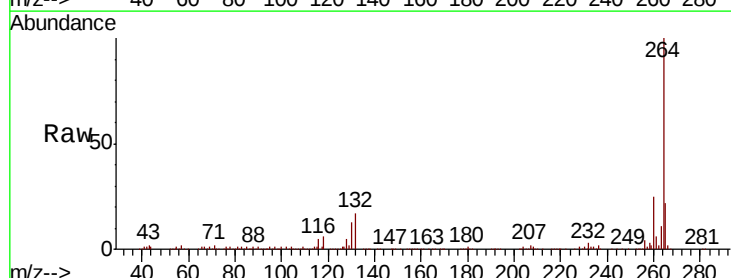
Tgt Ion:264 Resp: 412389

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.6

265 21.8 17.5 26.3



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

