

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 05:59:53 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

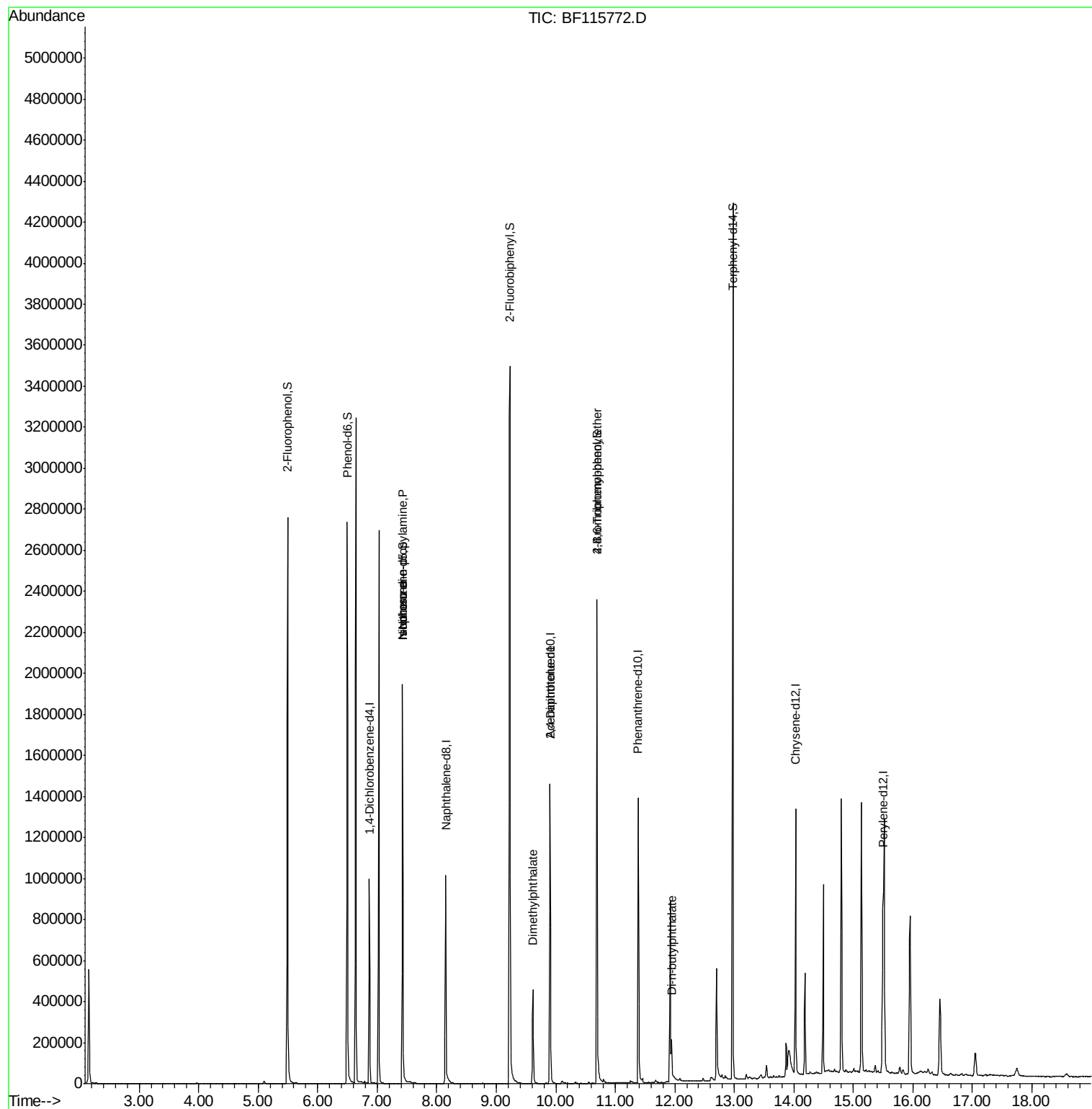
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	131826	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	525445	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	294735	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	551479	20.00	ng	0.00
76) Chrysene-d12	14.03	240	427173	20.00	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						
19) n-Nitroso-di-n-propylamine	7.43	70	87584	13.132	ng	# 79
25) Isophorone	7.43	82	654220	36.180	ng	# 65
50) Dimethylphthalate	9.62	163	213300	9.619	ng	99
57) 2,4-Dinitrotoluene	9.90	165	36888	5.650	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	19332	3.068	ng	# 1
74) Di-n-butylphthalate	11.94	149	69060	2.188	ng	99

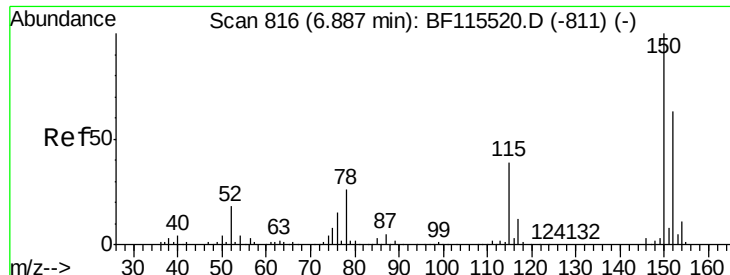
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



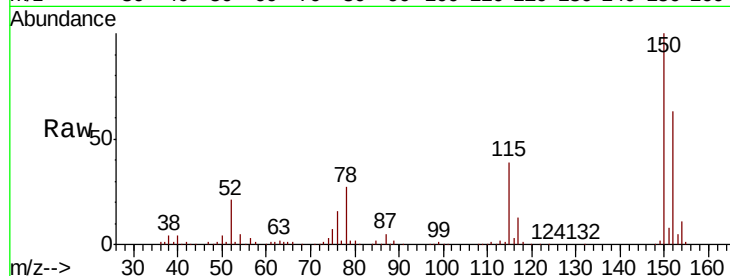


#1

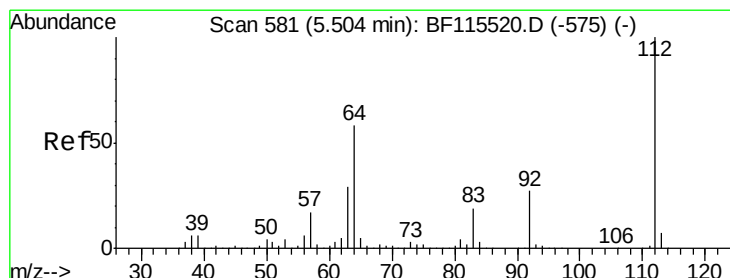
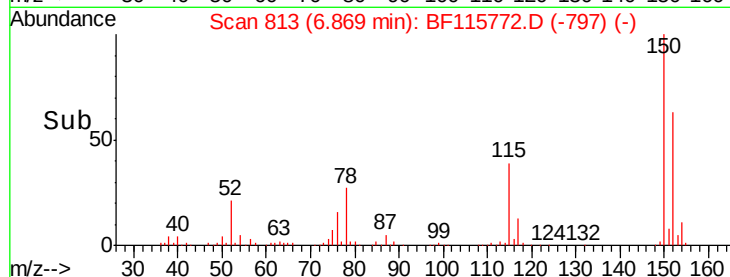
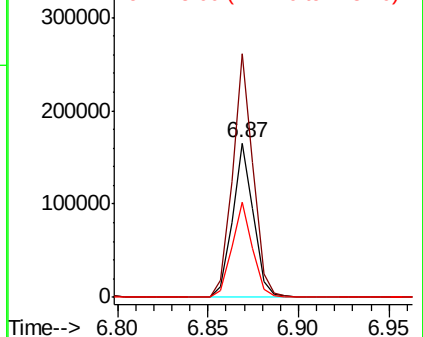
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115772.D
 Acq: 25 Jul 2019 21:47

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



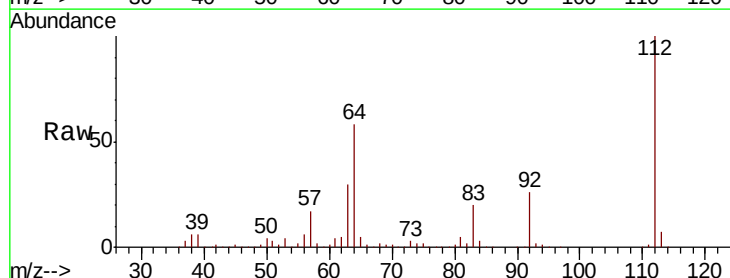
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



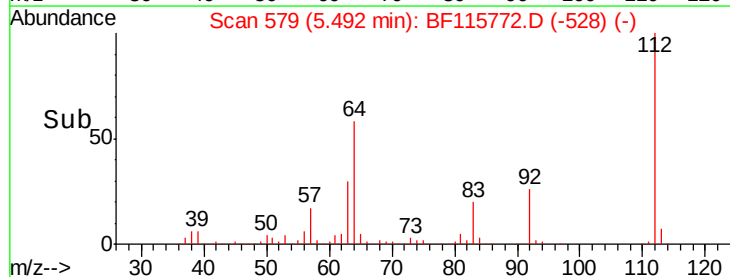
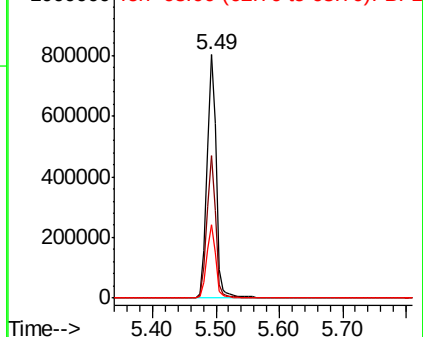
#5

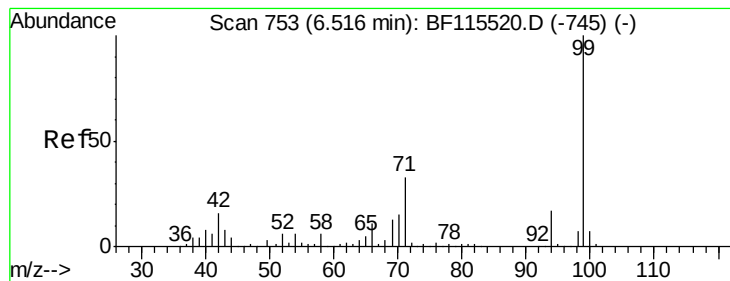
2-Fluorophenol
 Concen: 99.209 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF115772.D
 Acq: 25 Jul 2019 21:47

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

ClientSampleId :

TP-3-A

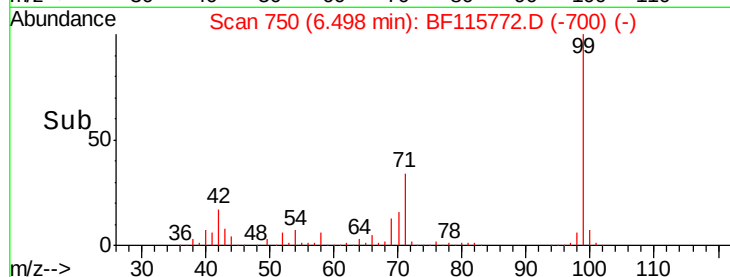
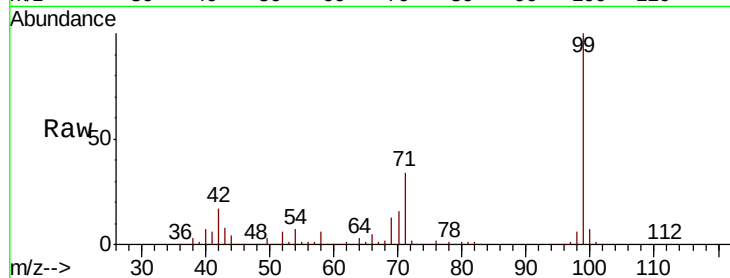
Tot Ion: 99 Resp: 1044375

Ion Ratio Lower Upper

99 100

42 17.2 13.4 20.2

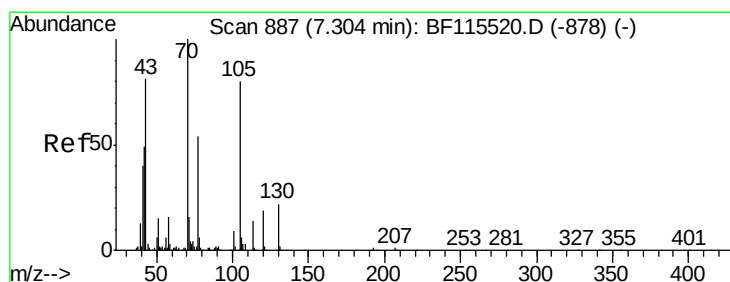
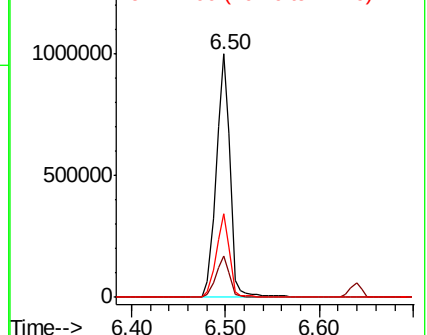
71 34.1 26.7 40.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.132 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF115772.D

Acq: 25 Jul 2019 21:47

Tgt Ion: 70 Resp: 87584

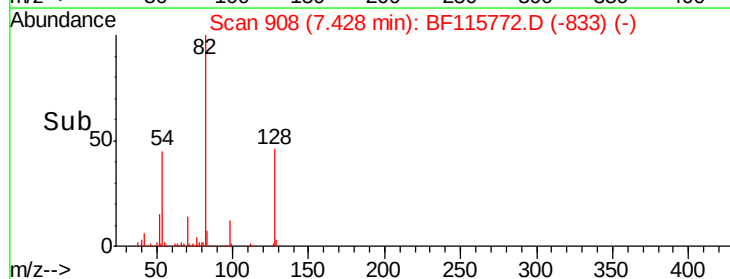
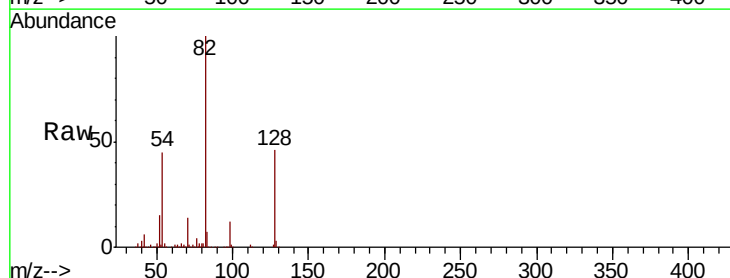
Ion Ratio Lower Upper

70 100

42 43.2 41.8 62.8

101 0.0 7.6 11.4#

130 2.1 16.9 25.3#

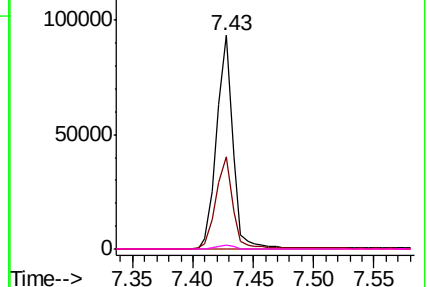


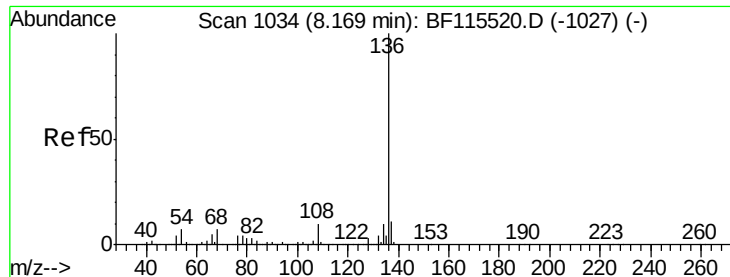
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

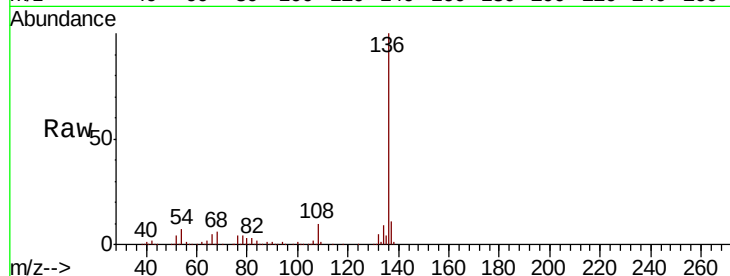




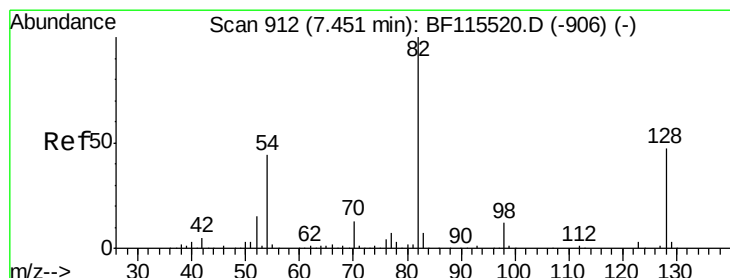
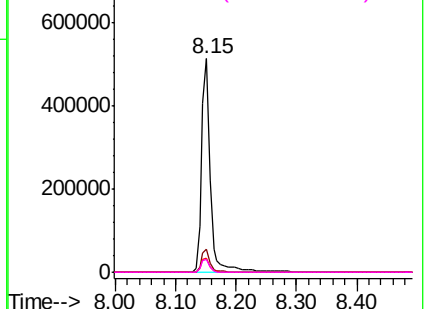
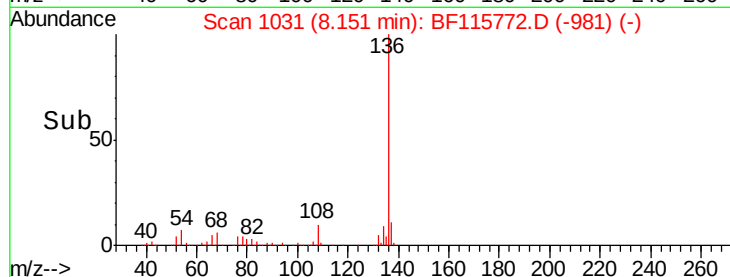
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115772.D
Acq: 25 Jul 2019 21:47

Instrument :
BNA_F
ClientSampleId :
TP-3-A

Tot 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

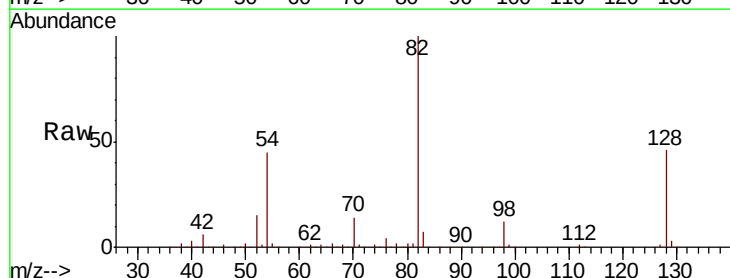


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

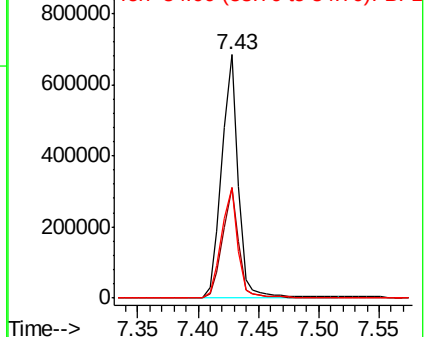
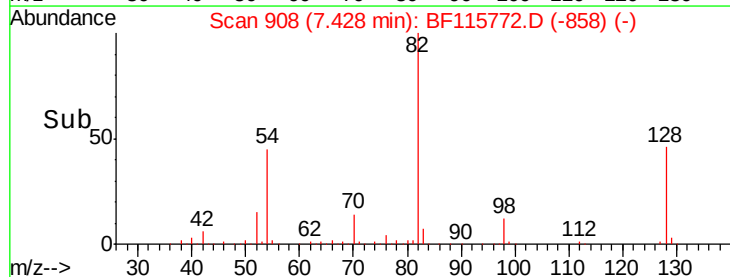


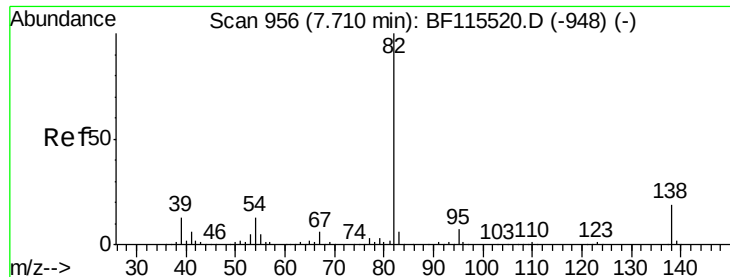
#23
Nitrobenzene-d5
Concen: 72.388 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF115772.D
Acq: 25 Jul 2019 21:47

Tgt 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





#25

Isophorone

Concen: 36.180 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF115772.D

Acq: 25 Jul 2019 21:47

Instrument :

BNA_F

ClientSampleId :

TP-3-A

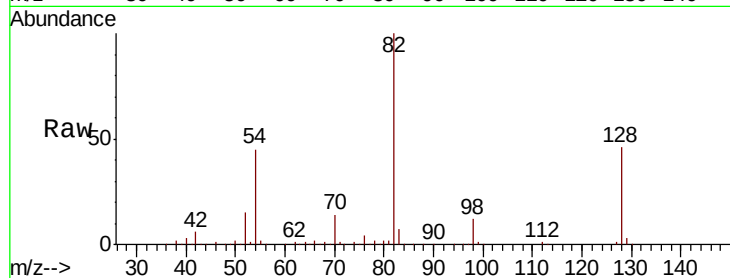
Tot Ion: 82 Resp: 654220

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

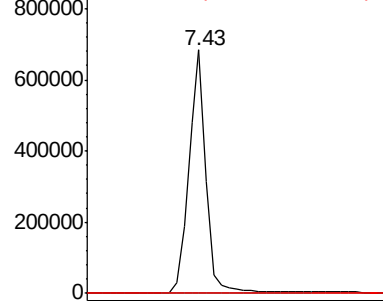
138 0.0 14.2 21.4#



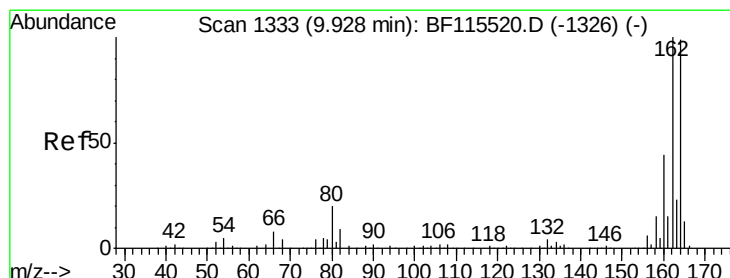
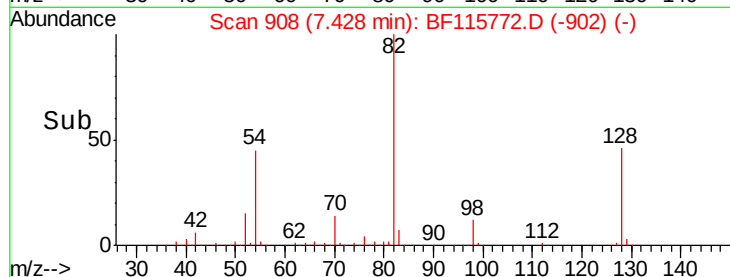
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



Time-->



#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

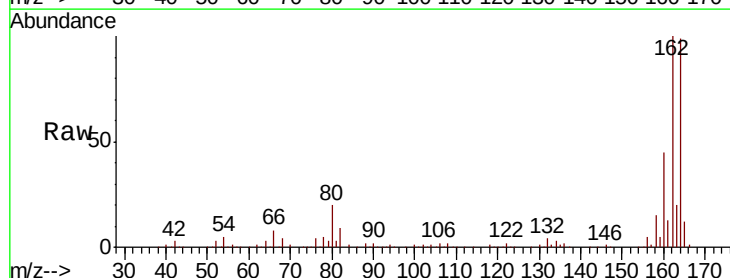
Tgt Ion: 164 Resp: 294735

Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.6

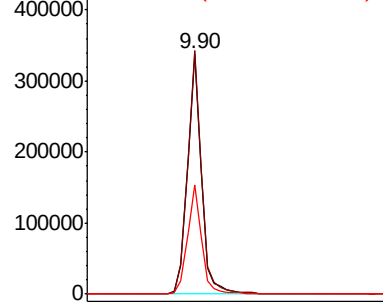
160 45.5 37.5 56.3



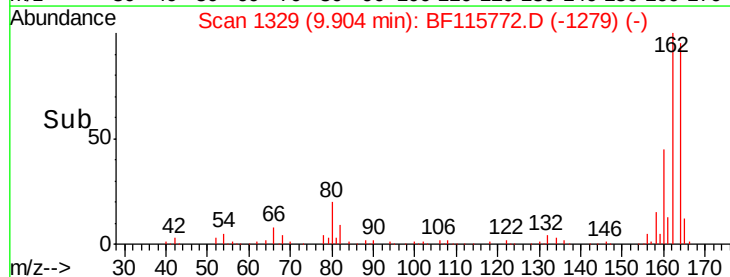
Abundance Ion 164.00 (163.70 to 164.70): E

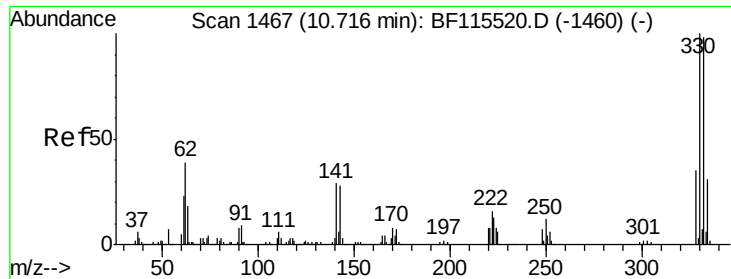
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->





#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

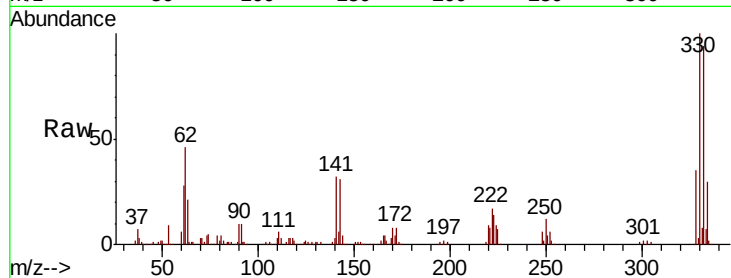
Tot Ion:330 Resp: 330232

Ion Ratio Lower Upper

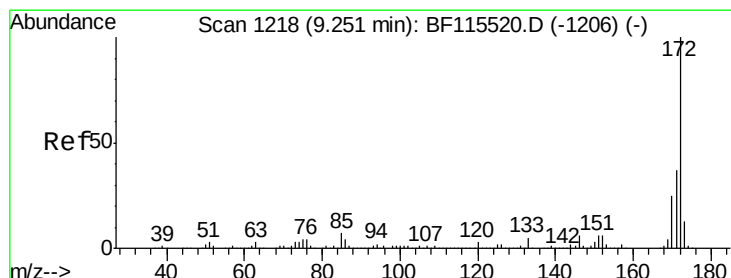
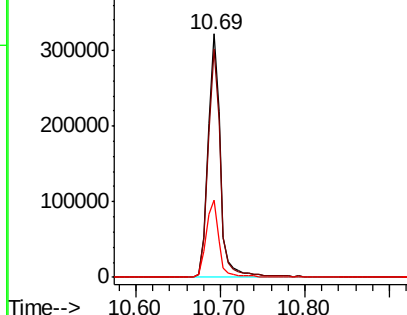
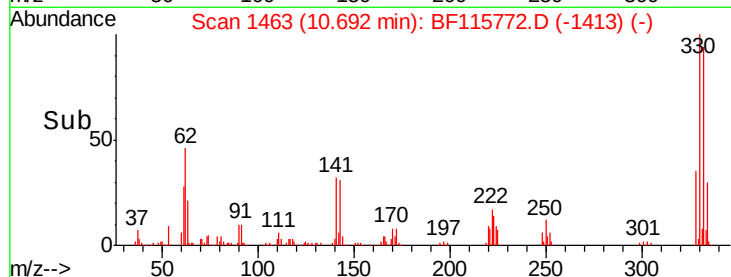
330 100

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

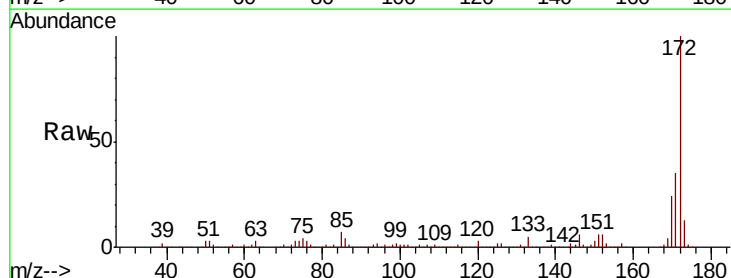
Tgt Ion:172 Resp: 1259542

Ion Ratio Lower Upper

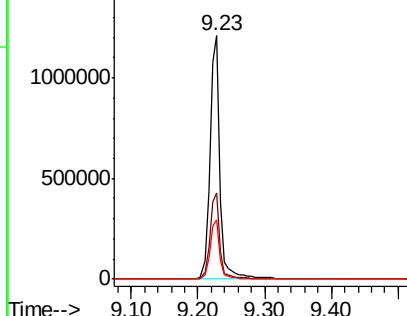
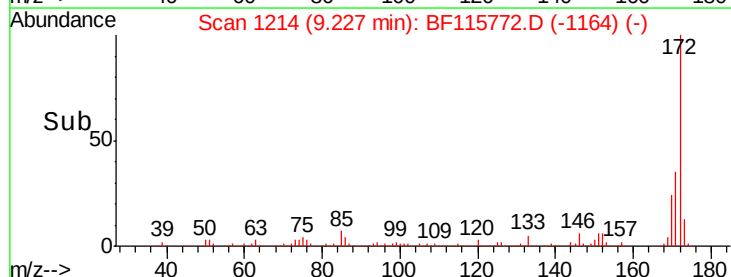
172 100

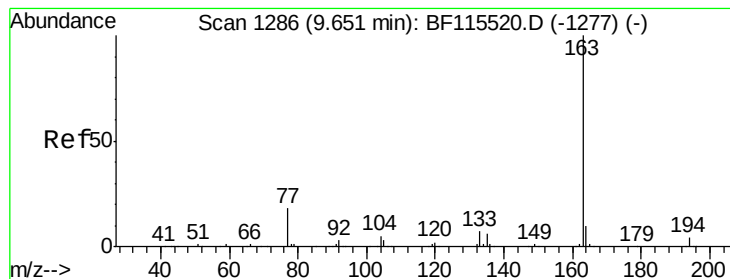
171 35.4 29.0 43.4

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

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TP-3-A

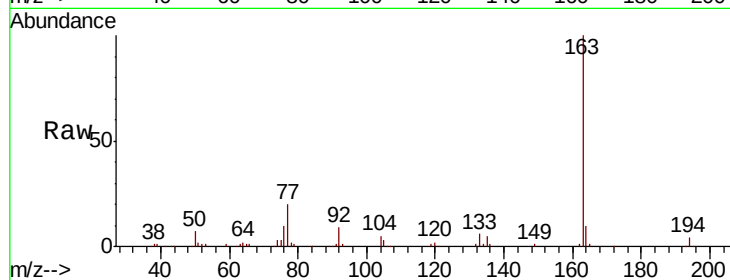
Tot Ion:163 Resp: 213300

Ion Ratio Lower Upper

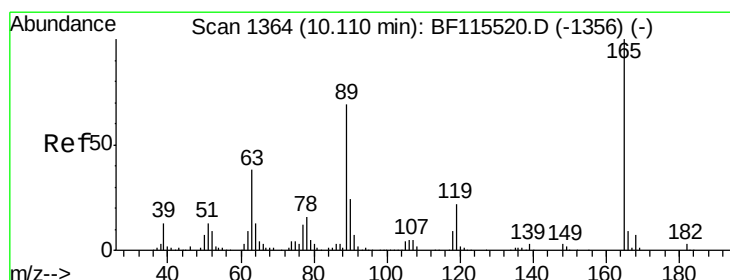
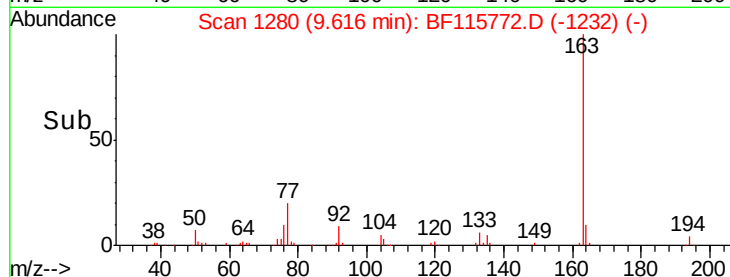
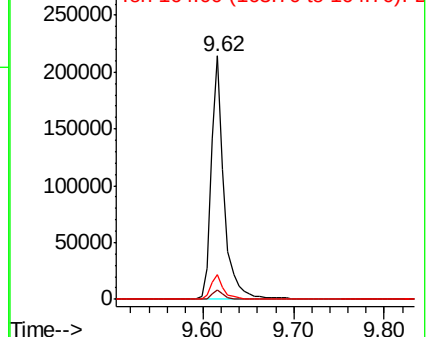
163 100

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



#57

2,4-Dinitrotoluene

Concen: 5.650 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.19 min

Lab File: BF115772.D

Acq: 25 Jul 2019 21:47

Tgt Ion:165 Resp: 36888

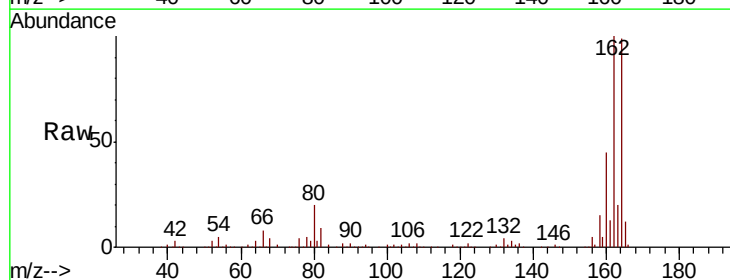
Ion Ratio Lower Upper

165 100

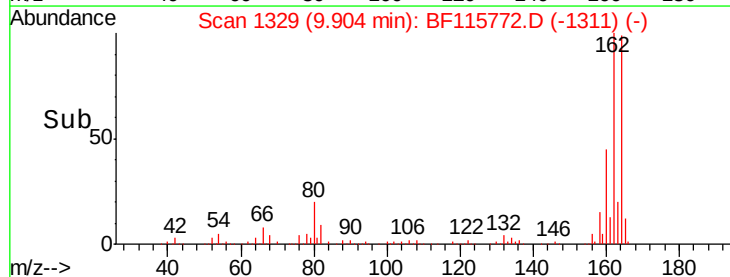
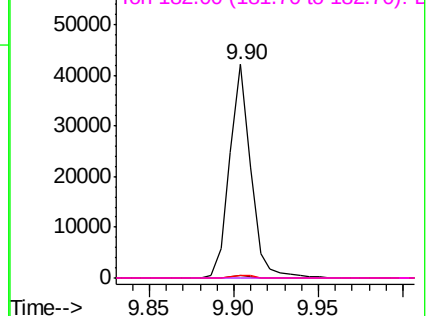
63 1.3 33.4 50.2#

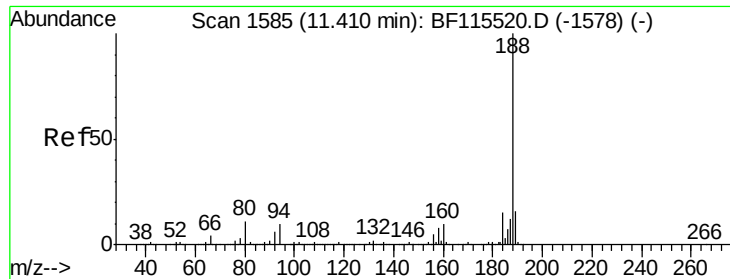
89 1.4 57.3 85.9#

182 0.0 2.1 3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): 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

Instrument :

BNA_F

ClientSampleId :

TP-3-A

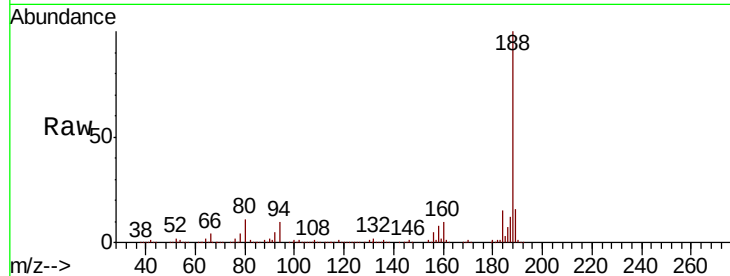
Tot Ion:188 Resp: 551479

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

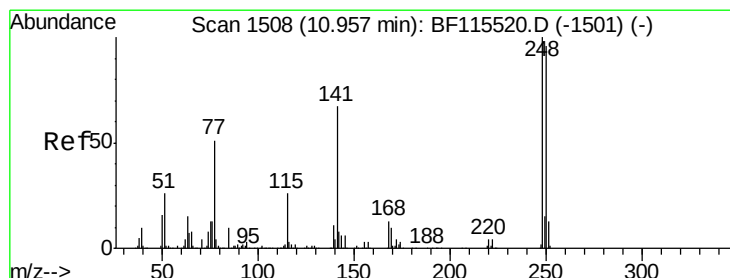
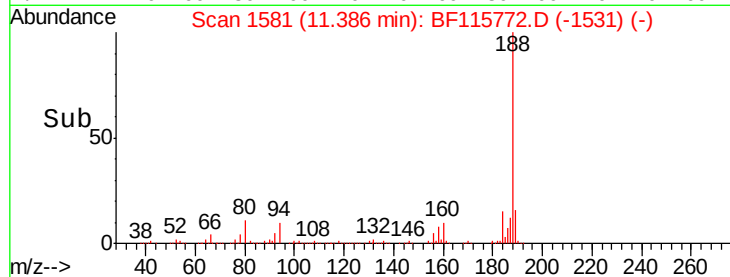
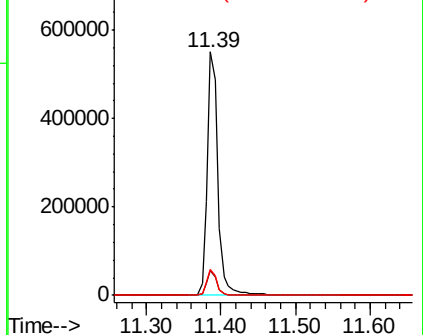
80 10.9 9.0 13.6



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



#67

4-Bromophenyl-phenylether

Concen: 3.068 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.25 min

Lab File: BF115772.D

Acq: 25 Jul 2019 21:47

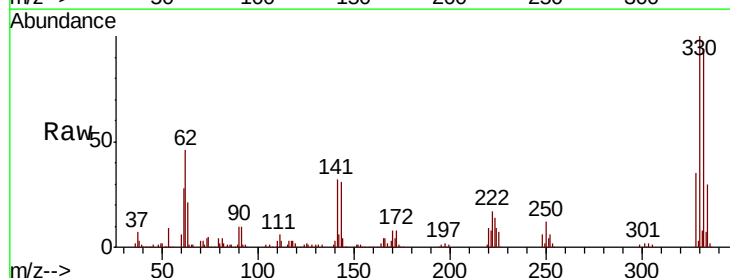
Tgt Ion:248 Resp: 19332

Ion Ratio Lower Upper

248 100

250 194.3 77.0 115.4#

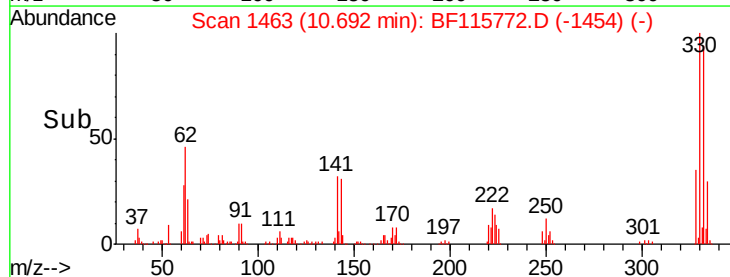
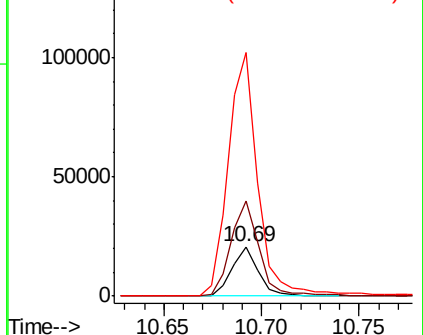
141 495.3 52.1 78.1#

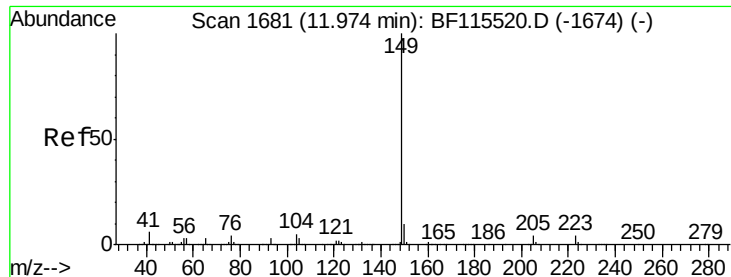


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

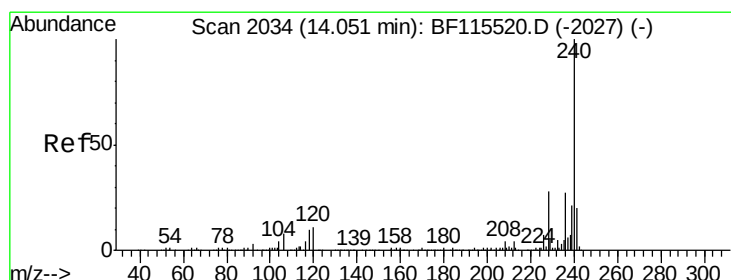
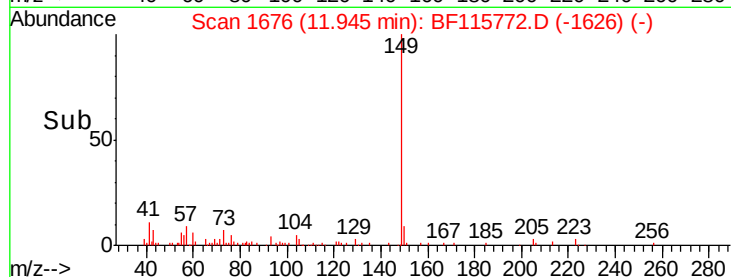
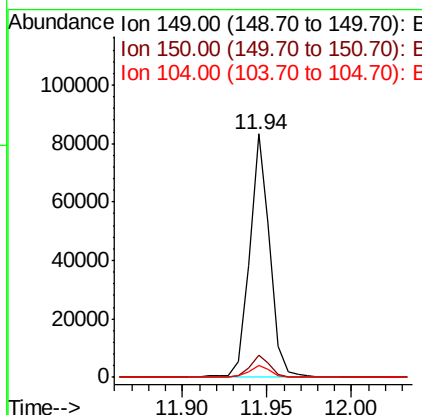
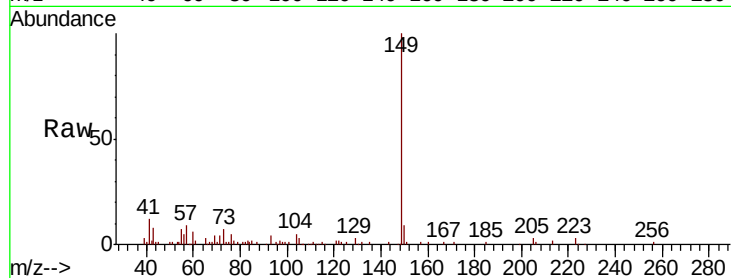




#74
Di-n-butylphthalate
Concen: 2.188 ng
RT: 11.94 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BF115772.D
Acq: 25 Jul 2019 21:47

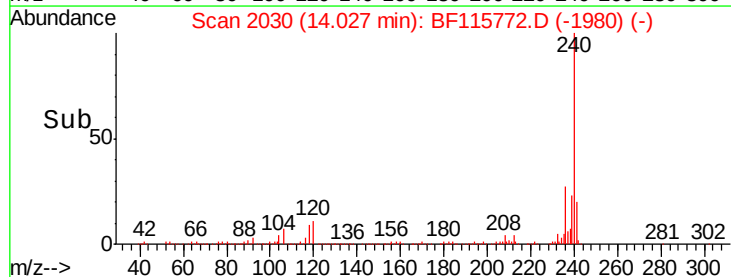
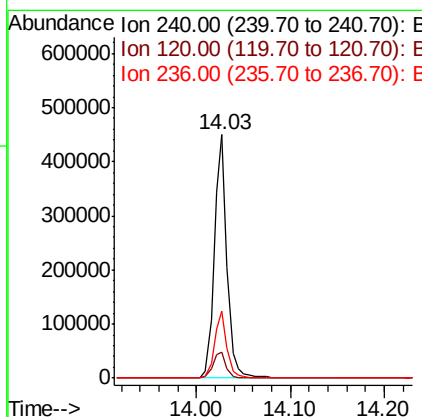
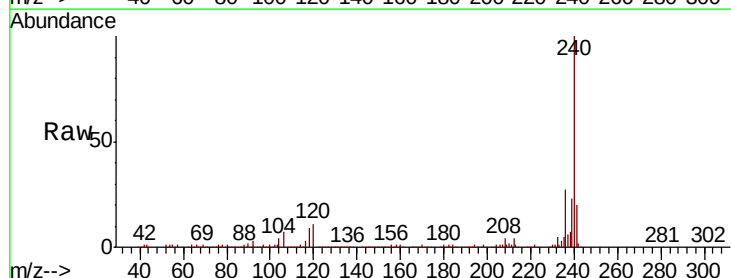
Instrument :
BNA_F
ClientSampled :
TP-3-A

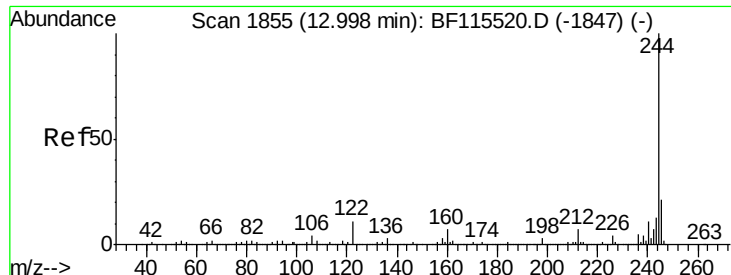
Tot Ion:149 Resp: 69060
Ion Ratio Lower Upper
149 100
150 9.4 8.0 12.0
104 5.1 4.3 6.5



#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

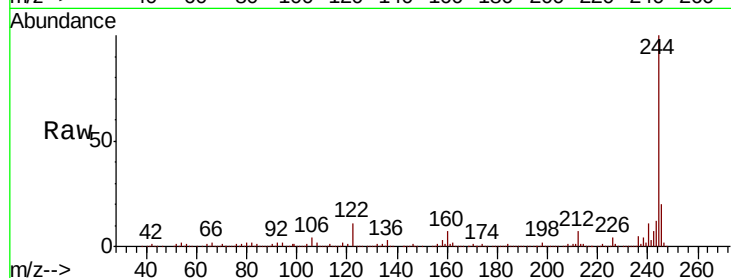
Tot Ion:244 Resp: 1522291

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	11.3	8.2	12.4

244 100

212 7.0 5.5 8.3

122 11.3 8.2 12.4

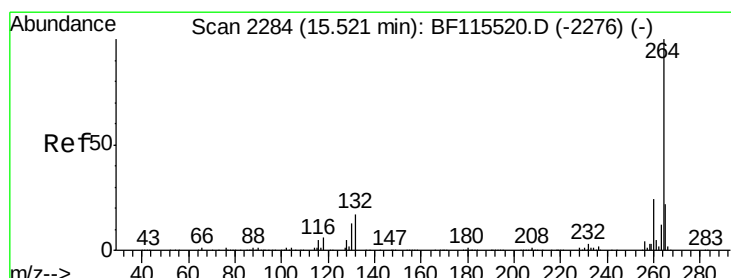
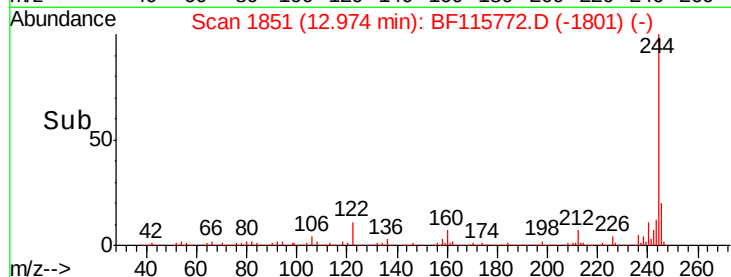
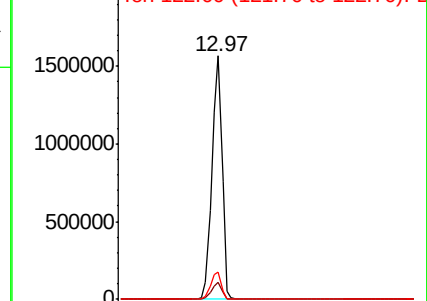


Abundance

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

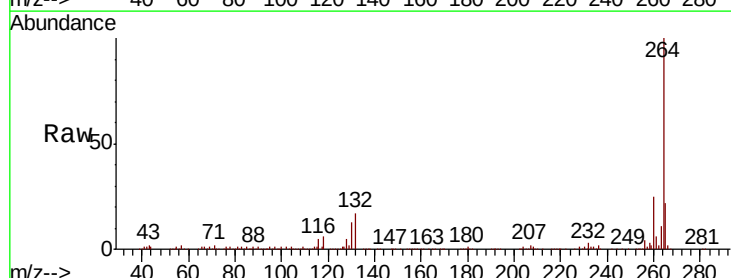
Tgt Ion:264 Resp: 412389

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.6
265	21.8	17.5	26.3

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

