

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115771.D
 Acq On : 25 Jul 2019 21:20
 Operator : HP/JU
 Sample : K3990-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-A

Quant Time: Jul 26 05:59:41 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

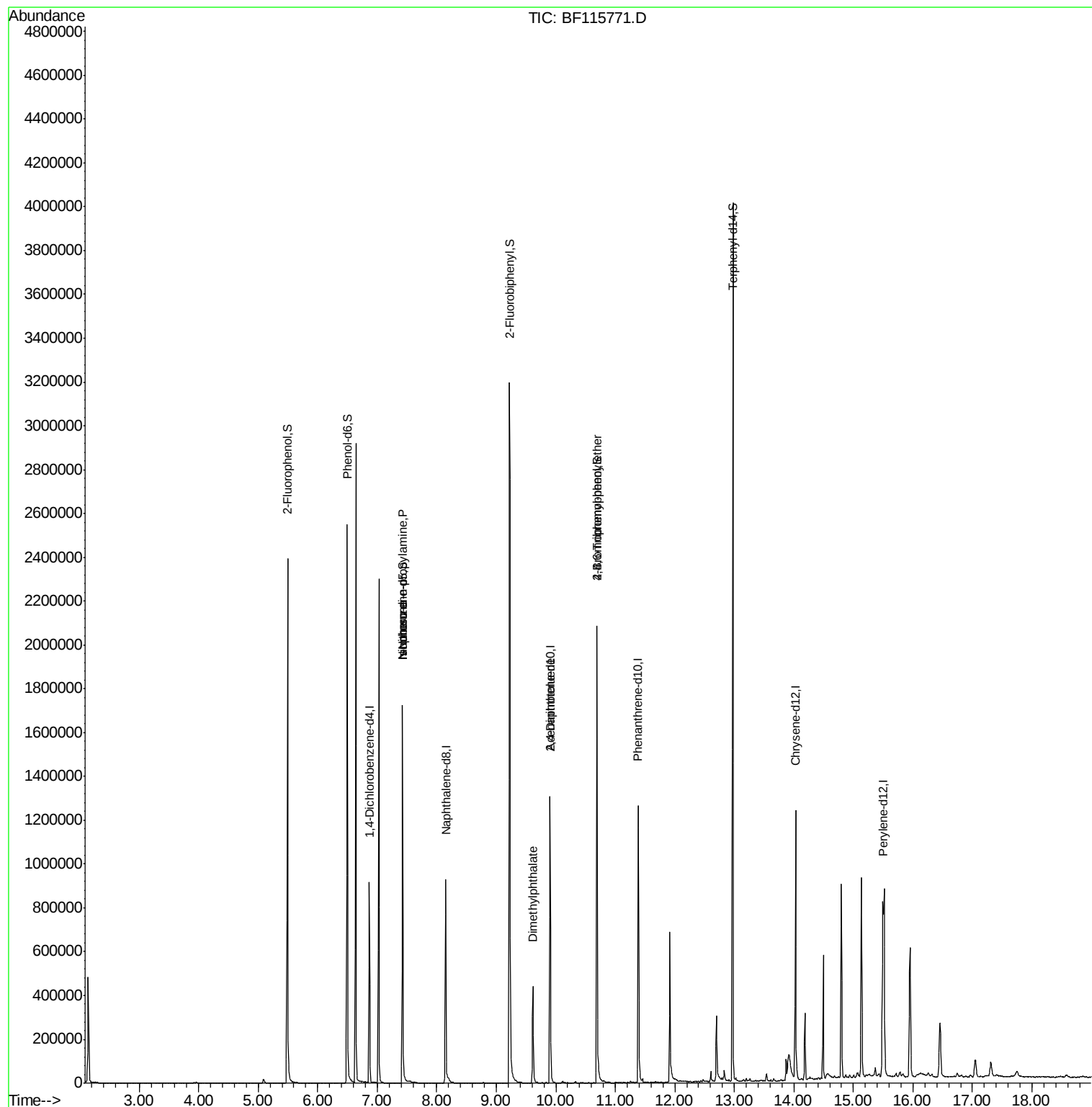
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	121185	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	476924	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	270602	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	513302	20.00	ng	0.00
76) Chrysene-d12	14.03	240	416725	20.00	ng	0.00
87) Perylene-d12	15.49	264	405027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	697194	94.10	ng	0.00
7) Phenol-d6	6.50	99	918710	97.73	ng	0.00
23) Nitrobenzene-d5	7.43	82	574217	70.01	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	285856	90.50	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1120517	72.48	ng	-0.01
79) Terphenyl-d14	12.97	244	1383279	61.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	76906	12.544	ng	# 79
25) Isophorone	7.43	82	574213	34.986	ng	# 65
50) Dimethylphthalate	9.62	163	201066	9.876	ng	99
57) 2,4-Dinitrotoluene	9.90	165	34565	5.766	ng	# 24
67) 4-Bromophenyl-phenylether	10.69	248	17260	2.942	ng	# 1

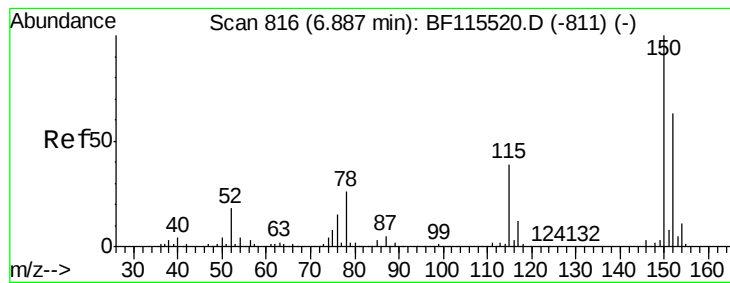
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



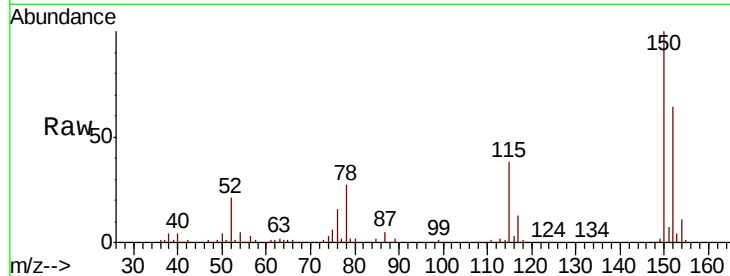


#1

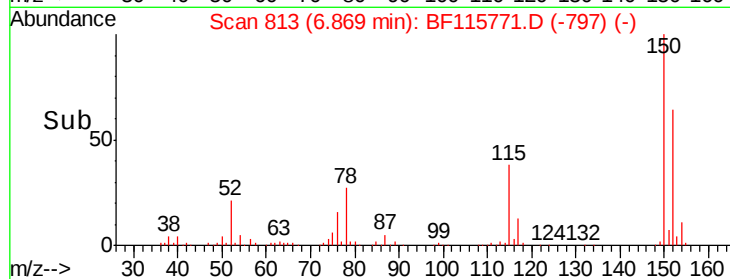
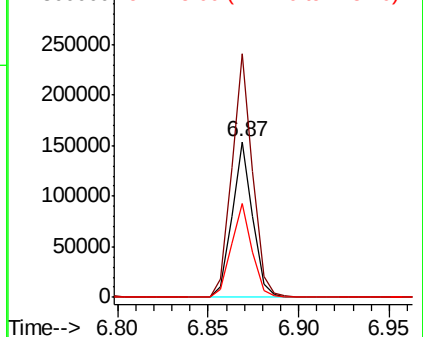
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115771.D
 Acq: 25 Jul 2019 21:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-A

Tot Ion:152 Resp: 121185
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.6 189.8
 115 59.9 47.8 71.6



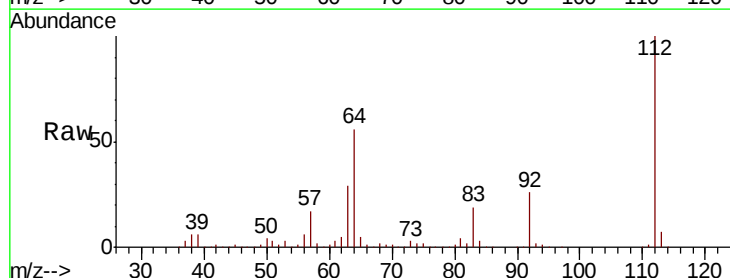
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



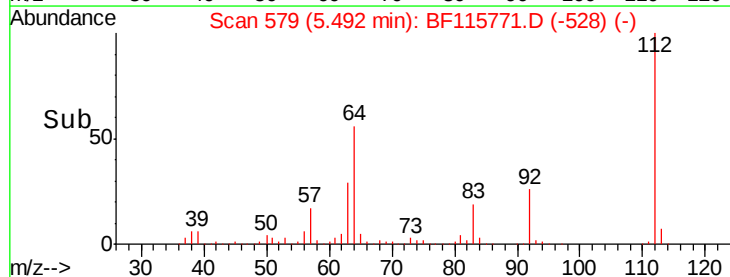
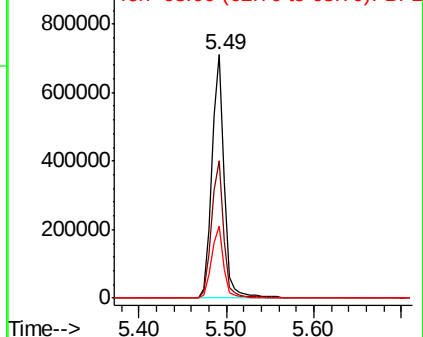
#5

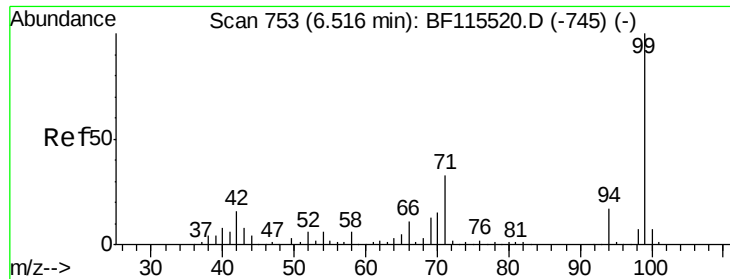
2-Fluorophenol
 Concen: 94.105 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF115771.D
 Acq: 25 Jul 2019 21:20

Tgt Ion:112 Resp: 697194
 Ion Ratio Lower Upper
 112 100
 64 56.3 45.8 68.8
 63 29.4 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: 97.727 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115771.D

Acq: 25 Jul 2019 21:20

Instrument :

BNA_F

ClientSampleId :

TP-1-A

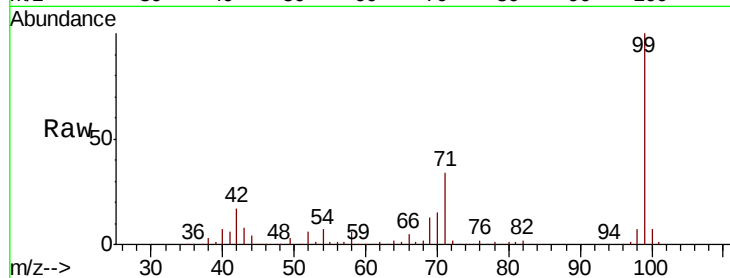
Tot Ion: 99 Resp: 918710

Ion Ratio Lower Upper

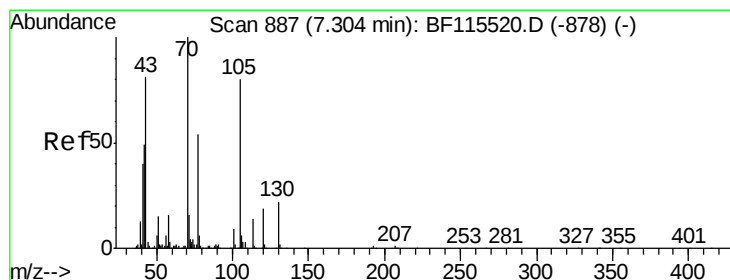
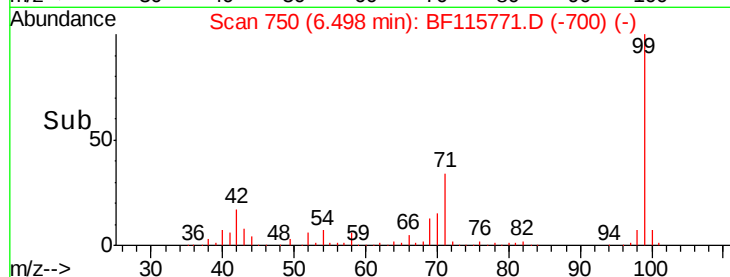
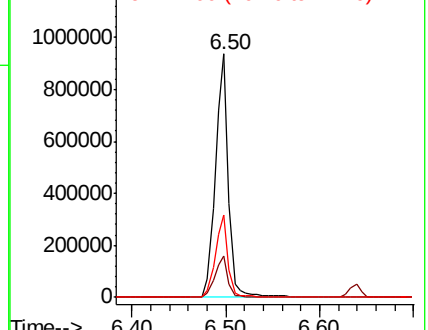
99 100

42 17.0 13.4 20.2

71 33.9 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: 12.544 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF115771.D

Acq: 25 Jul 2019 21:20

Tgt Ion: 70 Resp: 76906

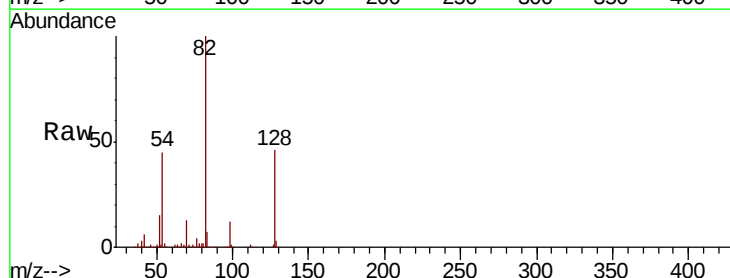
Ion Ratio Lower Upper

70 100

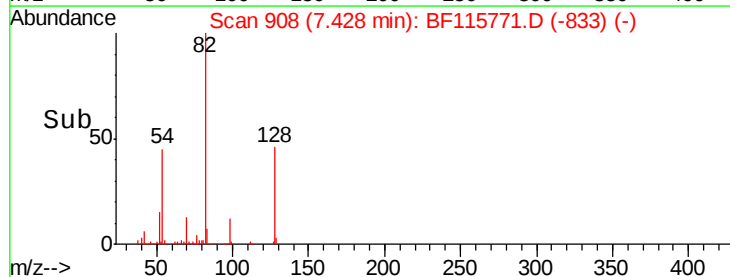
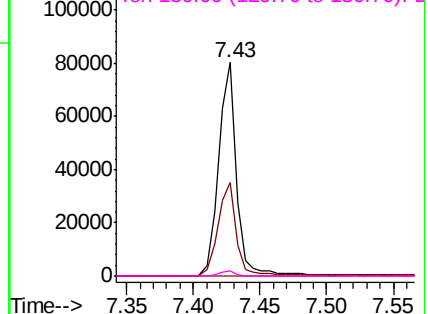
42 43.6 41.8 62.8

101 0.0 7.6 11.4#

130 2.2 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): E
Ion 130.00 (129.70 to 130.70): E

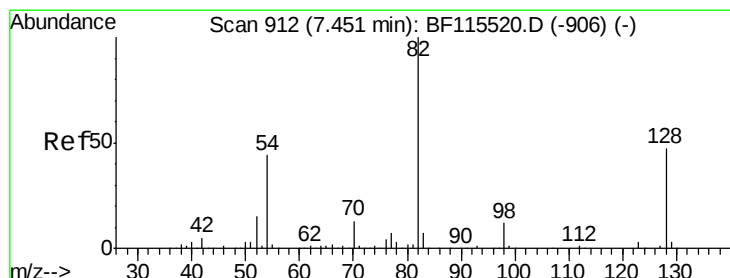
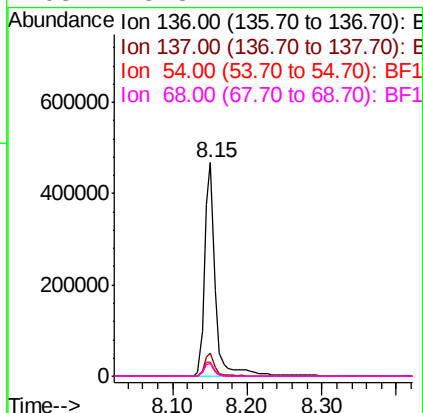
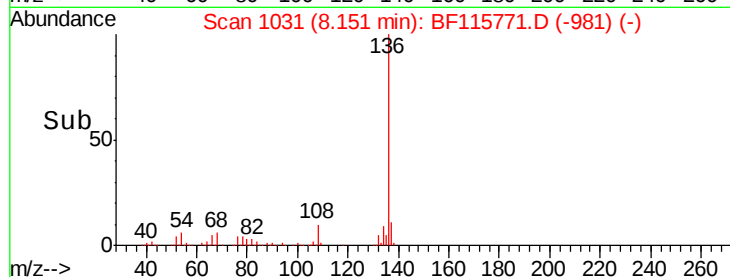
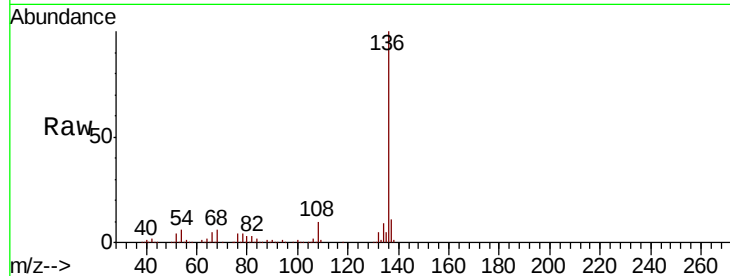




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115771.D
Acq: 25 Jul 2019 21:20

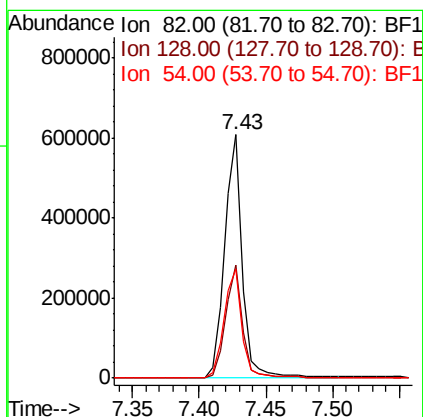
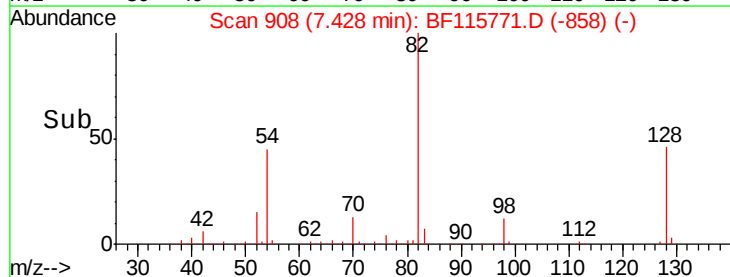
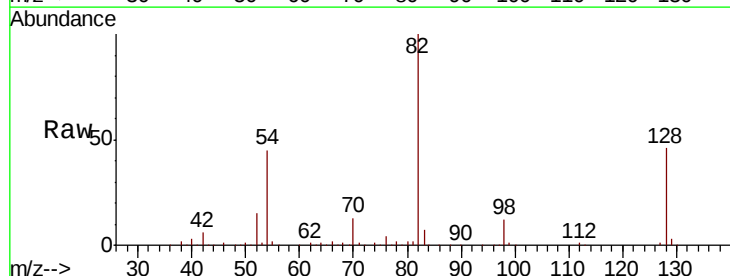
Instrument :
BNA_F
ClientSampleId :
TP-1-A

Tot Ion:136	Resp:	476924
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.7	13.1
54 6.4	5.0	7.6
68 5.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 70.009 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF115771.D
Acq: 25 Jul 2019 21:20

Tgt Ion: 82	Resp: 574217
Ion Ratio	Lower Upper
82 100	
128 46.3	36.6 55.0
54 44.8	36.6 54.8





#25

Isophorone

Concen: 34.986 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF115771.D

Acq: 25 Jul 2019 21:20

Instrument :

BNA_F

ClientSampleId :

TP-1-A

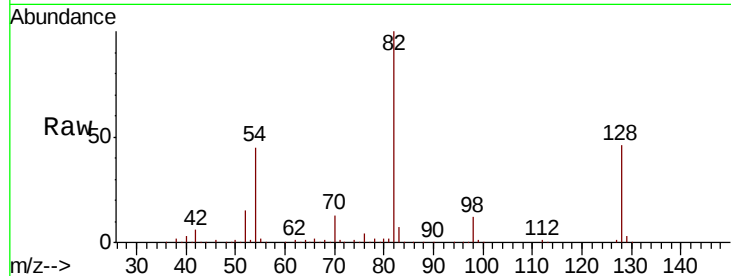
Tot Ion: 82 Resp: 574213

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

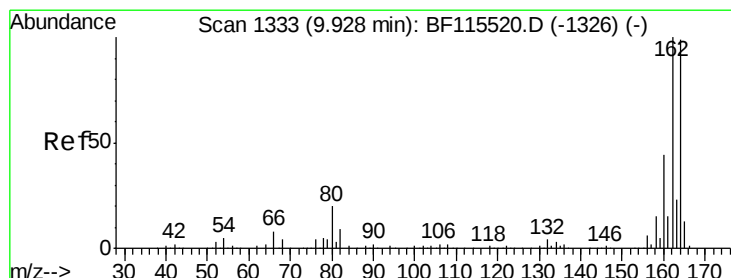
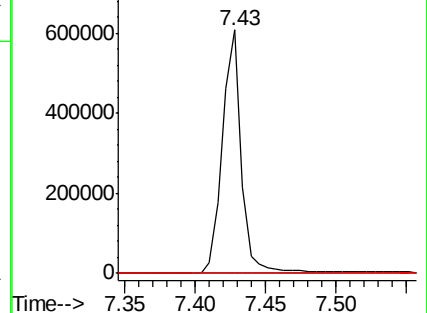
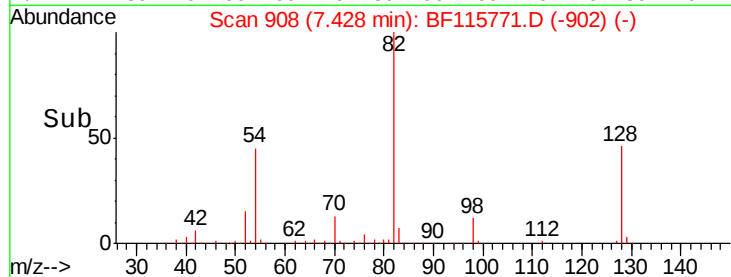
138 0.0 14.2 21.4#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF115771.D

Acq: 25 Jul 2019 21:20

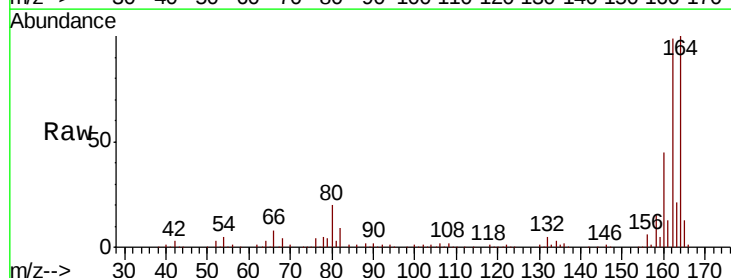
Tgt Ion: 164 Resp: 270602

Ion Ratio Lower Upper

164 100

162 99.4 81.8 122.6

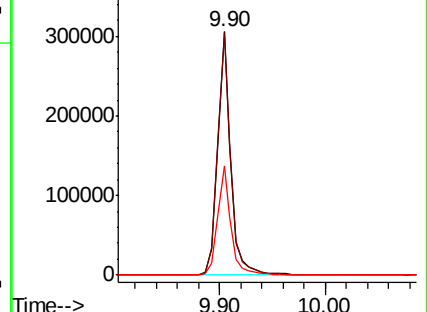
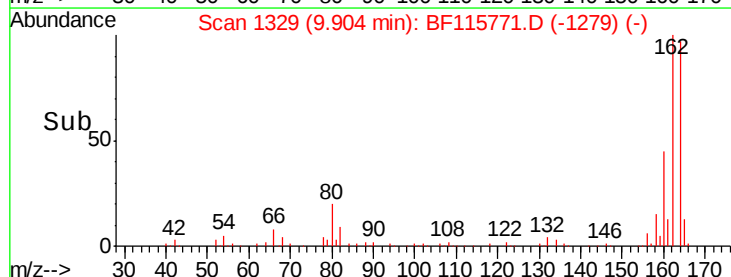
160 44.9 37.5 56.3

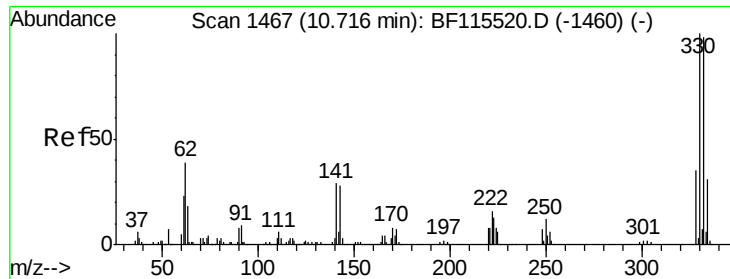


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

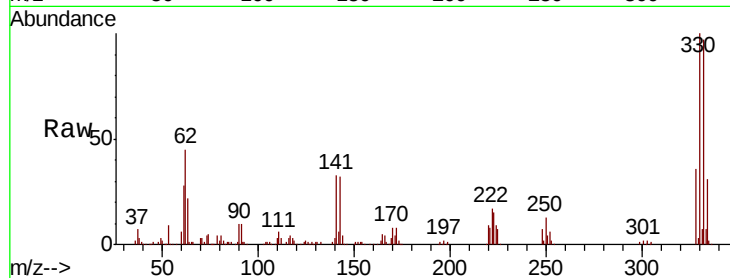




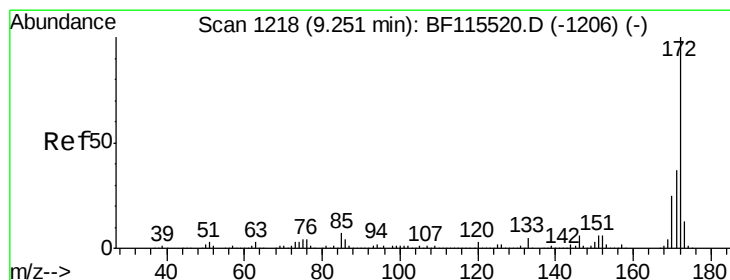
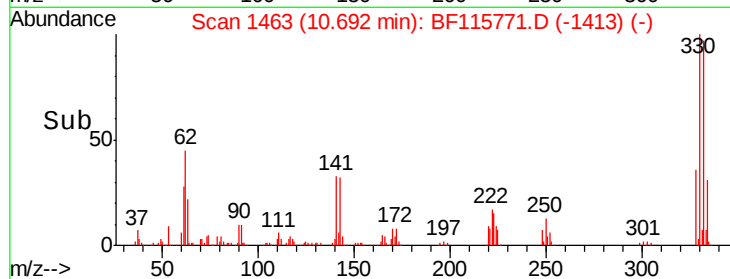
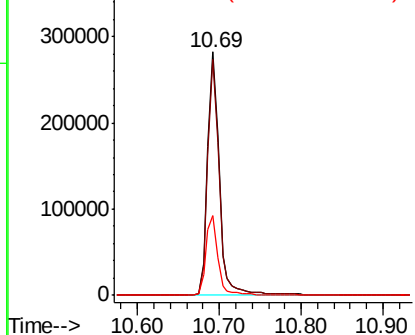
#42
 2,4,6-Tribromophenol
 Concen: 90.501 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF115771.D
 Acq: 25 Jul 2019 21:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.1	114.1
141	33.7	25.9	38.9

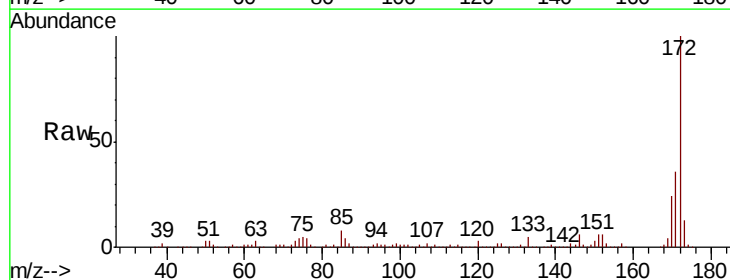


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

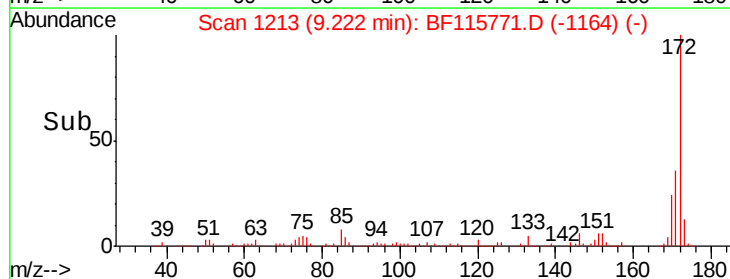
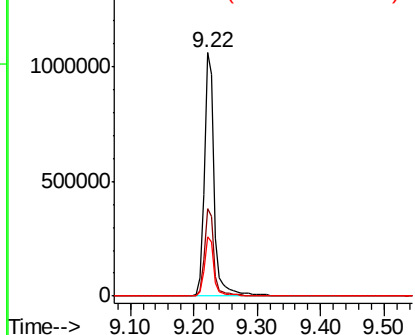


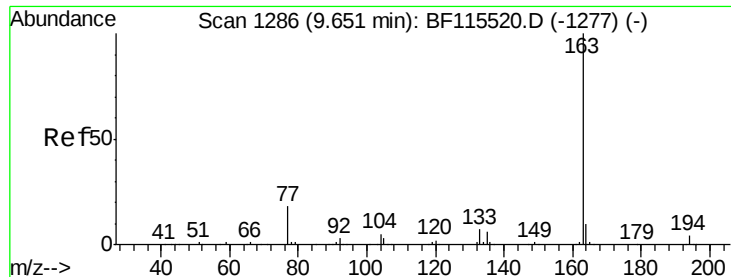
#45
 2-Fluorobiphenyl
 Concen: 72.476 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF115771.D
 Acq: 25 Jul 2019 21:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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: 9.876 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF115771.D

Acq: 25 Jul 2019 21:20

Instrument :

BNA_F

ClientSampled :

TP-1-A

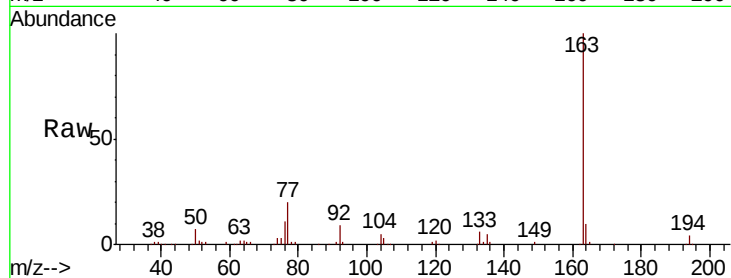
Tot Ion:163 Resp: 201066

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

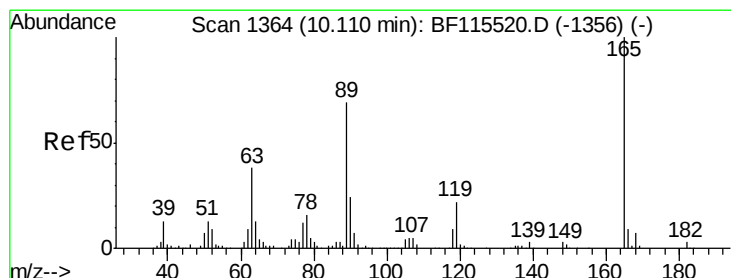
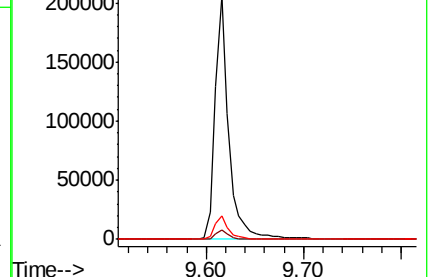
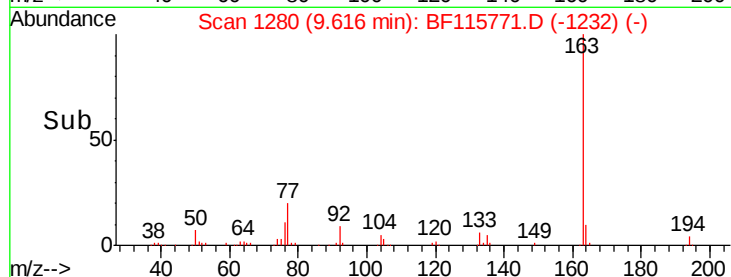
164 9.9 8.3 12.5



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: 5.766 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.19 min

Lab File: BF115771.D

Acq: 25 Jul 2019 21:20

Tgt Ion:165 Resp: 34565

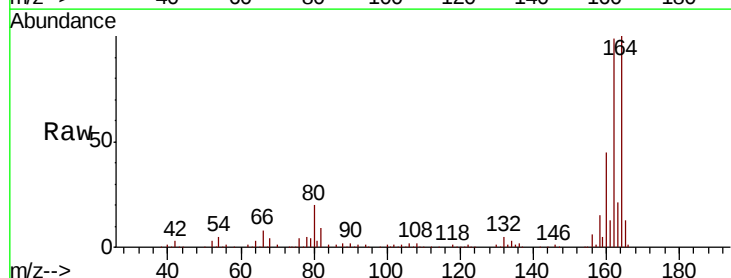
Ion Ratio Lower Upper

165 100

63 1.0 33.4 50.2#

89 1.2 57.3 85.9#

182 0.0 2.1 3.1#

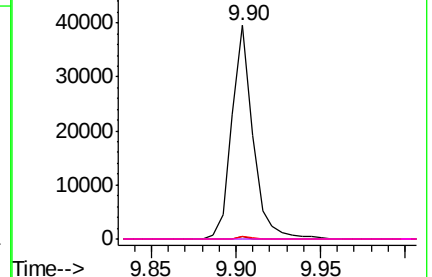
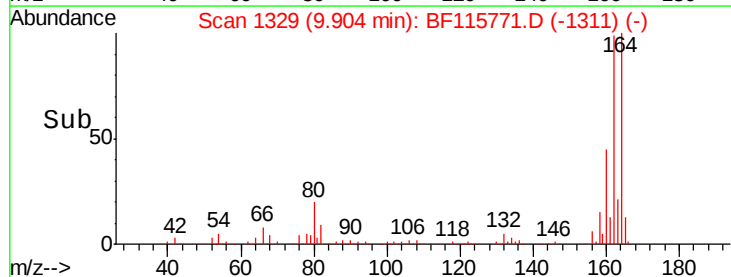


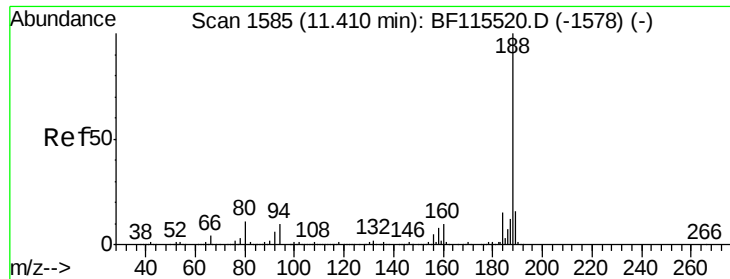
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF115771.D

Acq: 25 Jul 2019 21:20

Instrument :

BNA_F

ClientSampleId :

TP-1-A

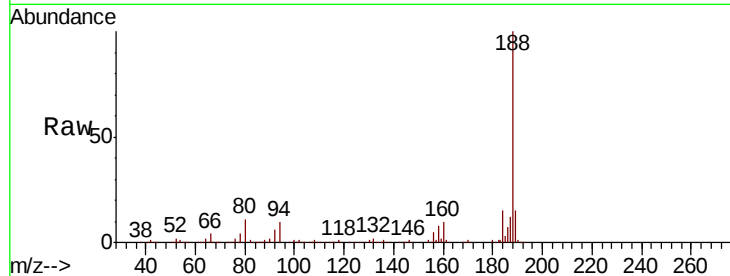
Tot Ion:188 Resp: 513302

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

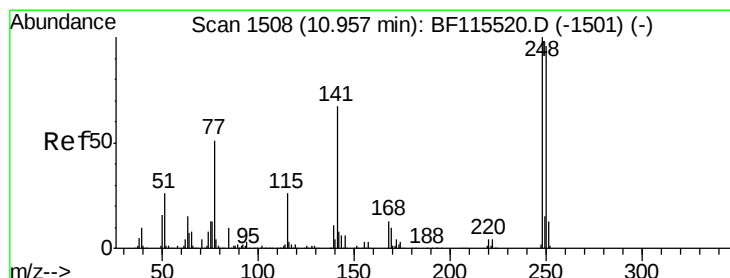
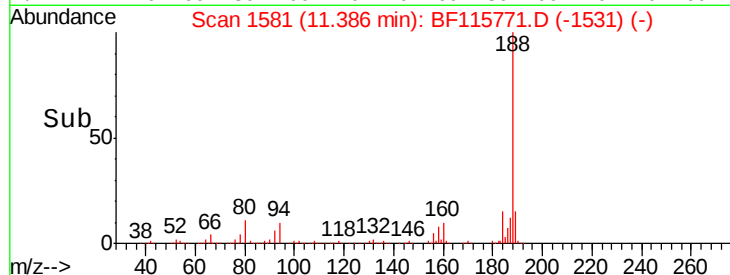
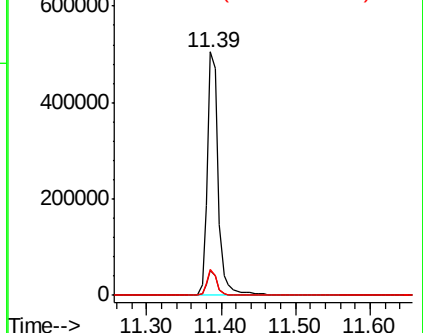
80 10.9 9.0 13.6



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: 2.942 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.25 min

Lab File: BF115771.D

Acq: 25 Jul 2019 21:20

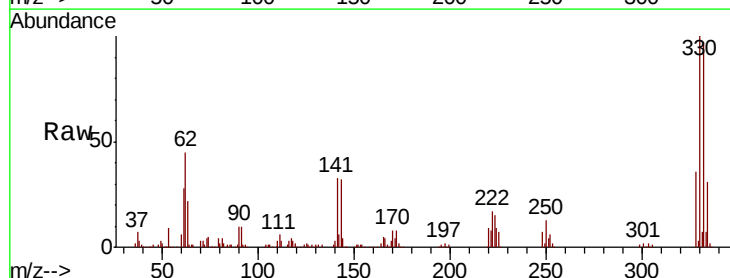
Tgt Ion:248 Resp: 17260

Ion Ratio Lower Upper

248 100

250 196.4 77.0 115.4#

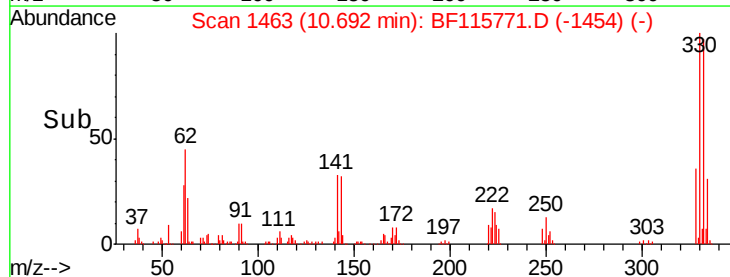
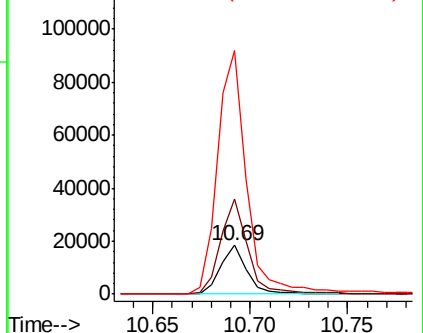
141 500.8 52.1 78.1#

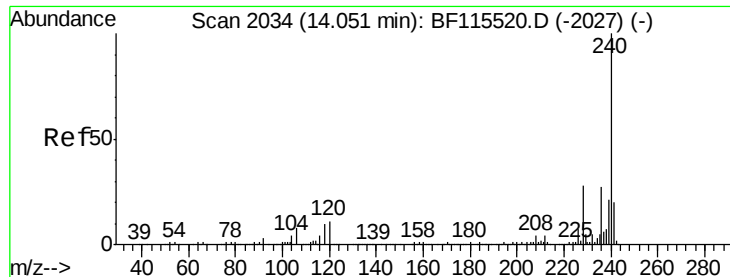


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115771.D

Acq: 25 Jul 2019 21:20

Instrument :

BNA_F

ClientSampled :

TP-1-A

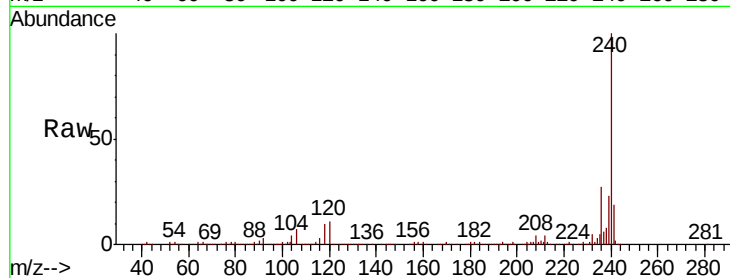
Tot Ion:240 Resp: 416725

Ion Ratio Lower Upper

240 100

120 10.9 10.0 15.0

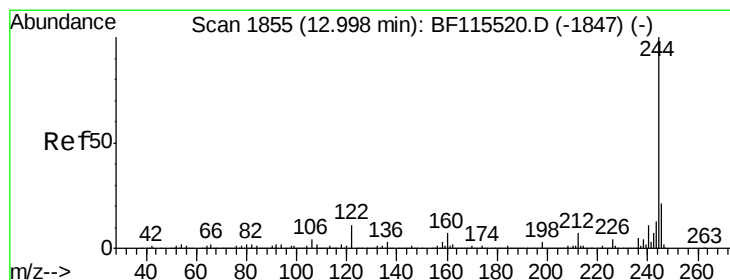
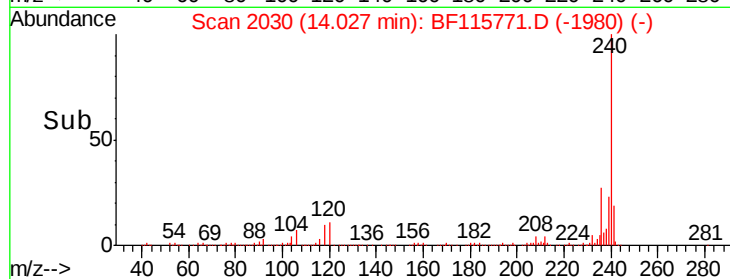
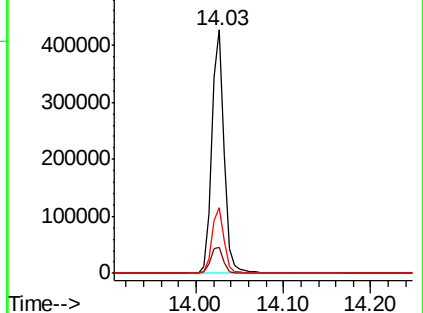
236 27.1 21.8 32.6



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: 61.249 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF115771.D

Acq: 25 Jul 2019 21:20

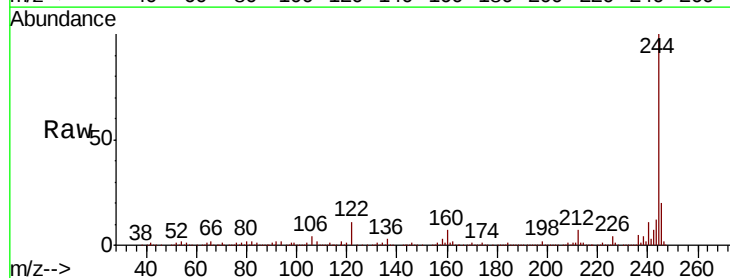
Tgt Ion:244 Resp: 1383279

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

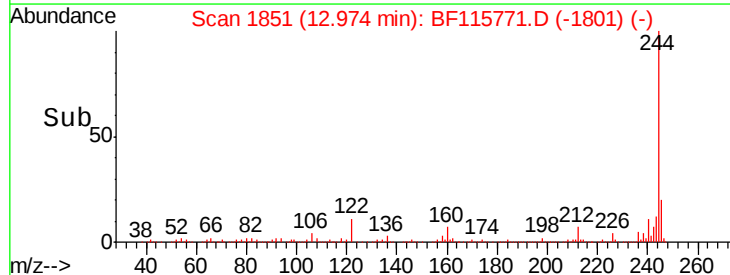
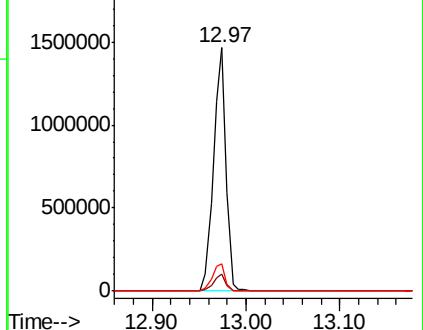
122 11.2 8.2 12.4

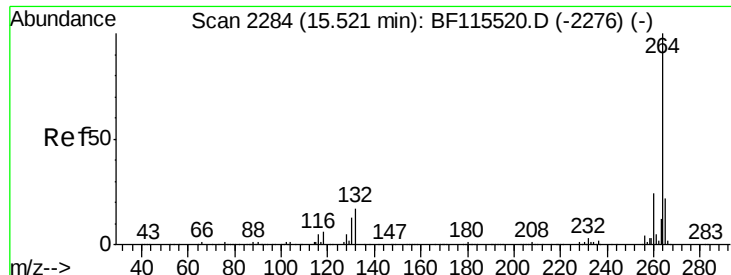


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

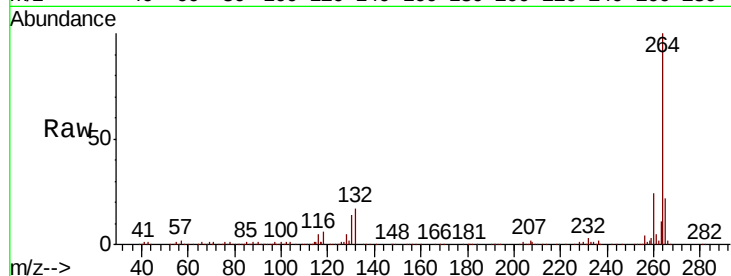




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF115771.D
 Acq: 25 Jul 2019 21:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	21.9	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

