

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
 Data File : BF115688.D
 Acq On : 19 Jul 2019 22:43
 Operator : HP/JU
 Sample : K3615-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 04:00:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

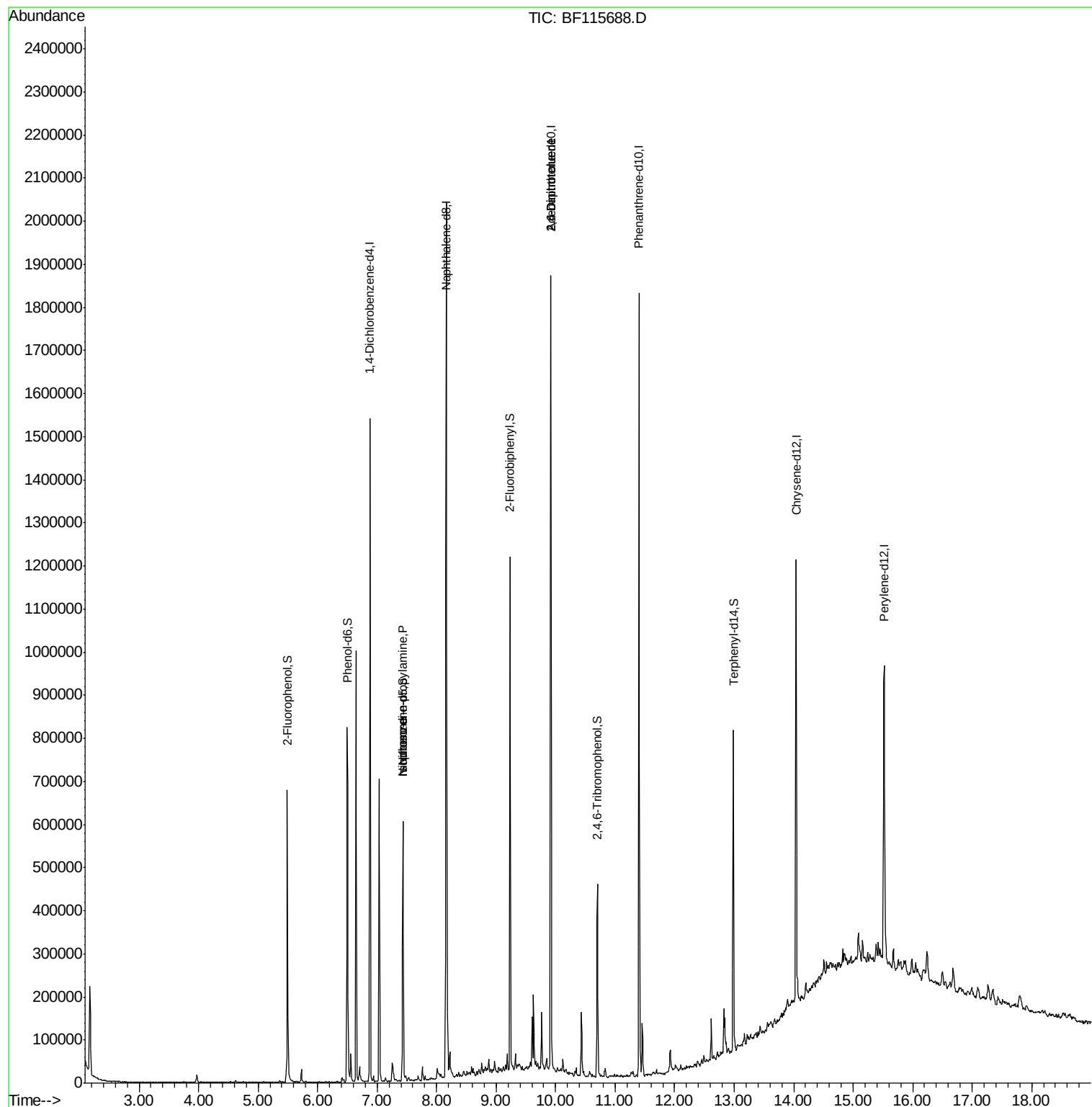
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	210470	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	851057	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	385883	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	598262	20.00	ng	0.00
76) Chrysene-d12	14.04	240	350217	20.00	ng	0.00
87) Perylene-d12	15.52	264	336972	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	198123	15.40	ng	-0.01
7) Phenol-d6	6.50	99	287684	17.62	ng	-0.02
23) Nitrobenzene-d5	7.43	82	183208	12.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	54109	12.01	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	342585	15.54	ng	-0.02
79) Terphenyl-d14	12.99	244	241539	12.73	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	24290	2.281	ng	# 80
25) Isophorone	7.43	82	177781	6.070	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	50988	7.728	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	50989	5.965	ng	# 24

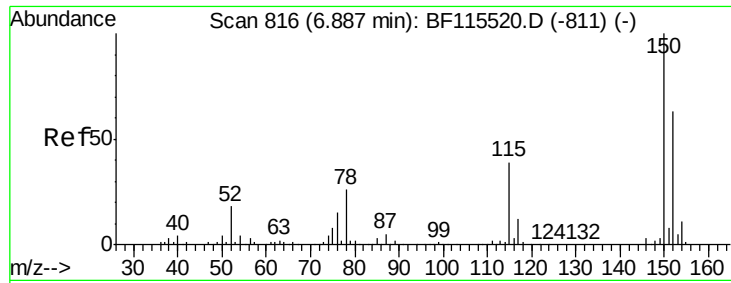
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 20 04:00:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



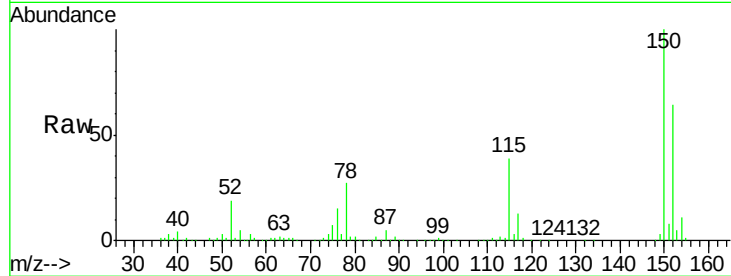


#1

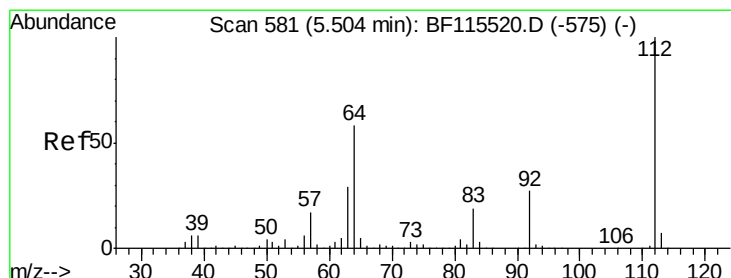
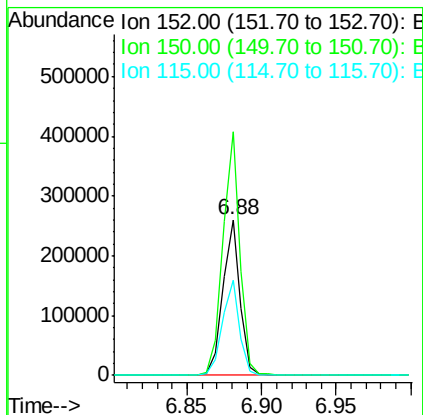
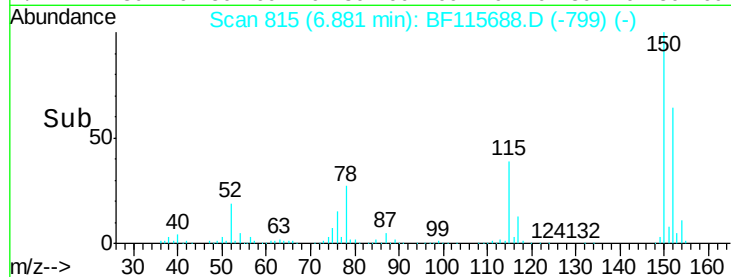
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115688.D
Acq: 19 Jul 2019 22:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 210470
Ion Ratio Lower Upper
152 100
150 156.6 129.7 194.5
115 61.1 48.2 72.4



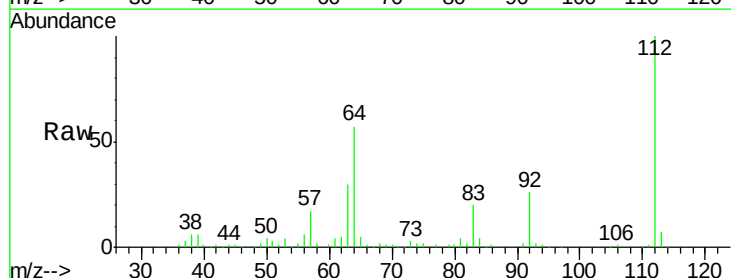
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



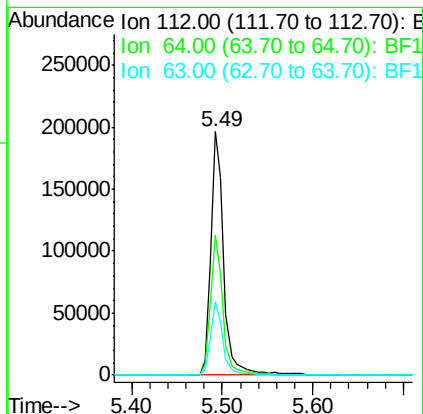
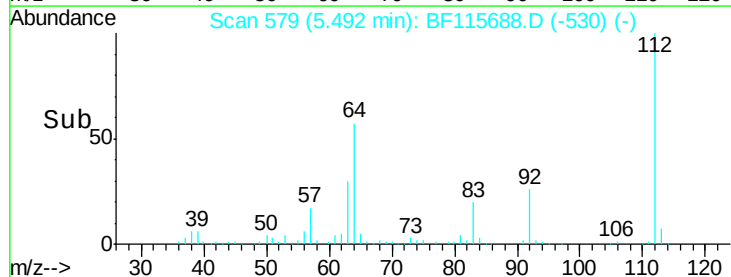
#5

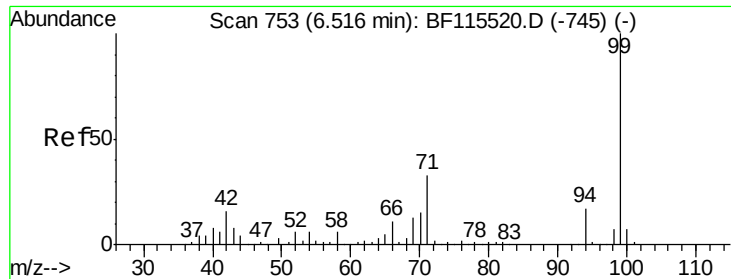
2-Fluorophenol
Concen: 15.398 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF115688.D
Acq: 19 Jul 2019 22:43

Tgt Ion:112 Resp: 198123
Ion Ratio Lower Upper
112 100
64 57.4 46.8 70.2
63 30.3 24.1 36.1



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: 17.620 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF115688.D

Acq: 19 Jul 2019 22:43

Instrument :

BNA_F

ClientSampleId :

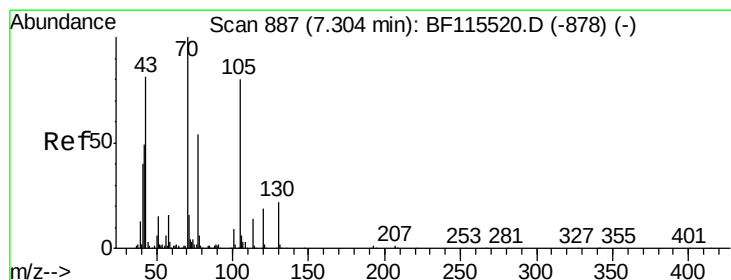
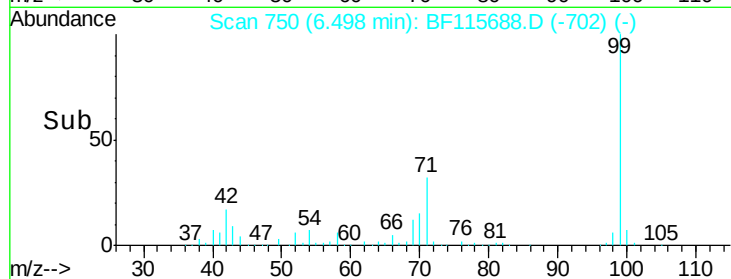
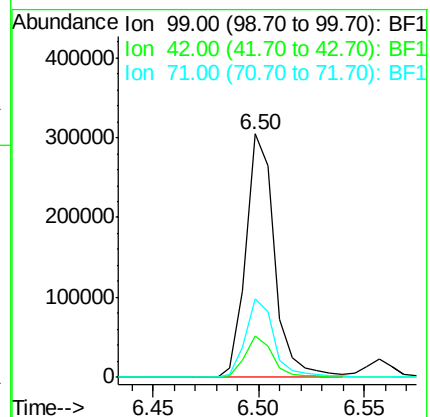
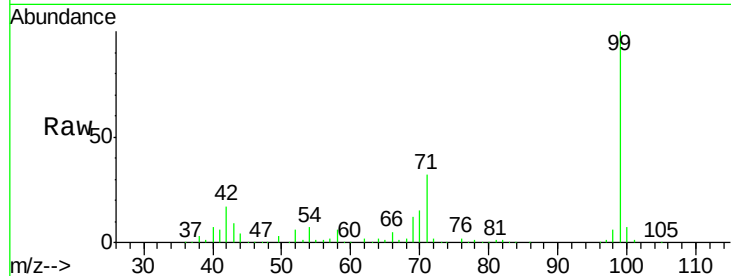
Tot Ion: 99 Resp: 287684

Ion Ratio Lower Upper

99 100

42 17.2 13.6 20.4

71 32.4 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 2.281 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF115688.D

Acq: 19 Jul 2019 22:43

Tgt Ion: 70 Resp: 24290

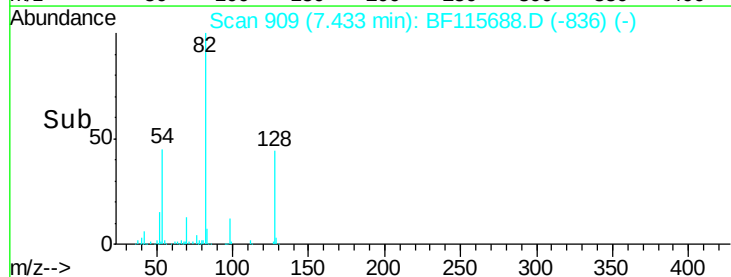
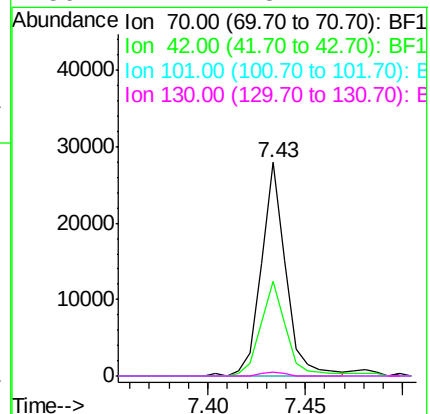
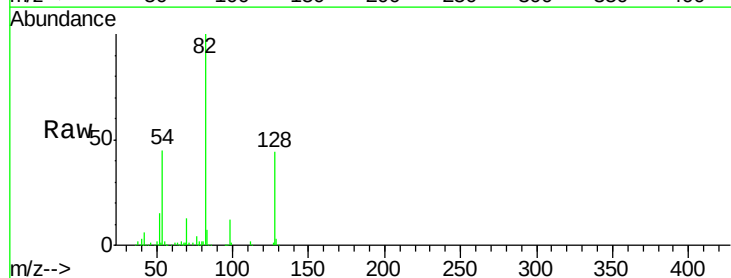
Ion Ratio Lower Upper

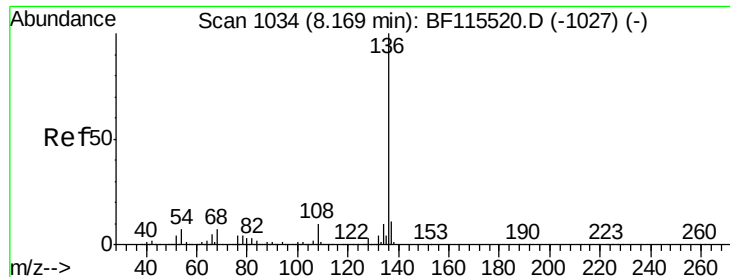
70 100

42 44.1 39.6 59.4

101 0.0 8.1 12.1#

130 2.1 18.2 27.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115688.D

Acq: 19 Jul 2019 22:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 851057

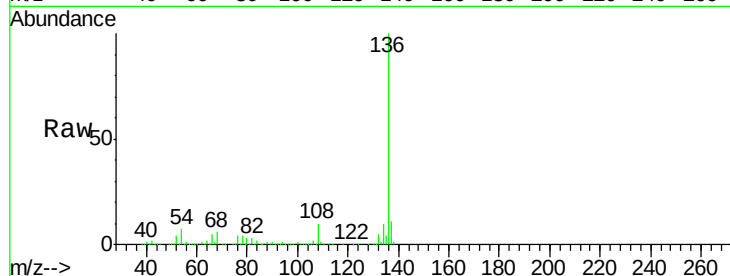
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 7.3 5.6 8.4

68 6.4 5.0 7.6

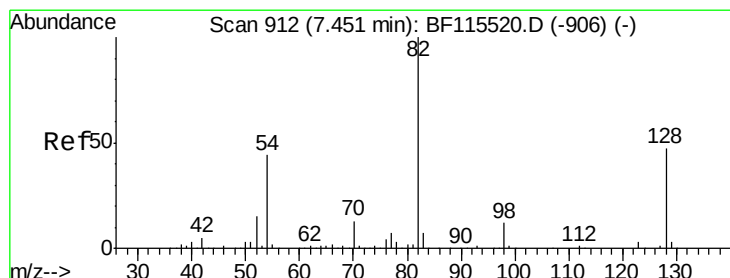
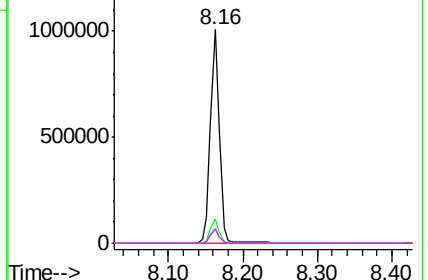
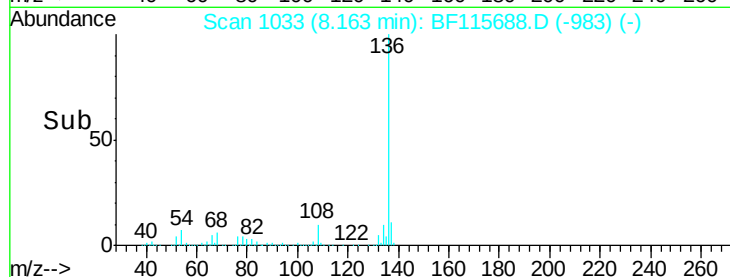


Abundance Ion 136.00 (135.70 to 136.70): E

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: 12.517 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF115688.D

Acq: 19 Jul 2019 22:43

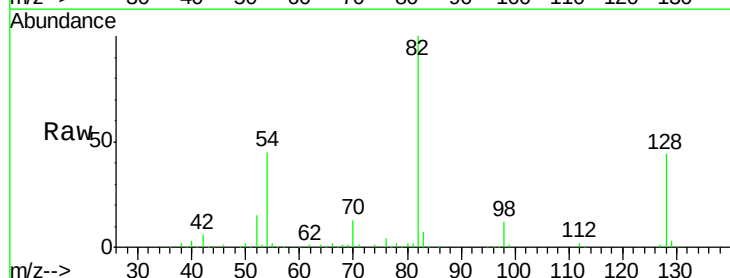
Tgt Ion: 82 Resp: 183208

Ion Ratio Lower Upper

82 100

128 44.4 38.6 57.8

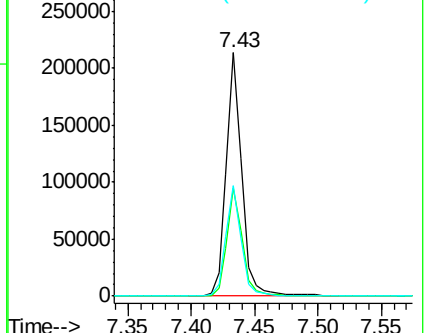
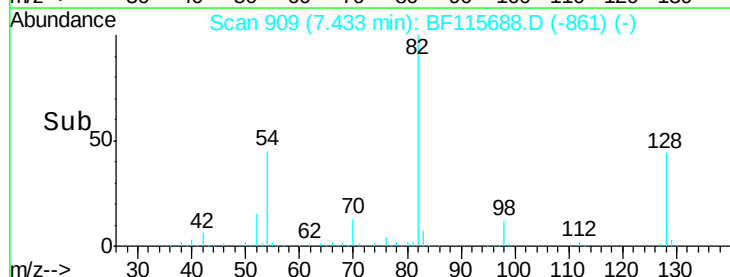
54 45.2 35.6 53.4

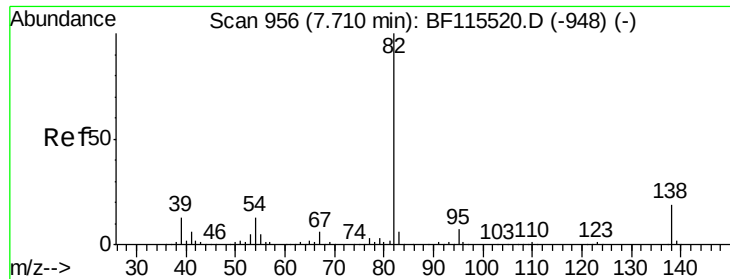


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 6.070 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF115688.D

Acq: 19 Jul 2019 22:43

Instrument :

BNA_F

ClientSampleId :

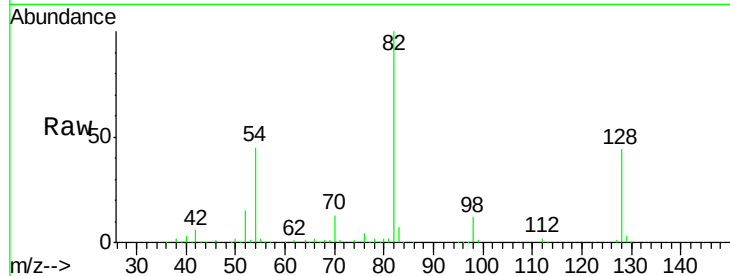
Tot Ion: 82 Resp: 177781

Ion Ratio Lower Upper

82 100

95 0.2 5.5 8.3#

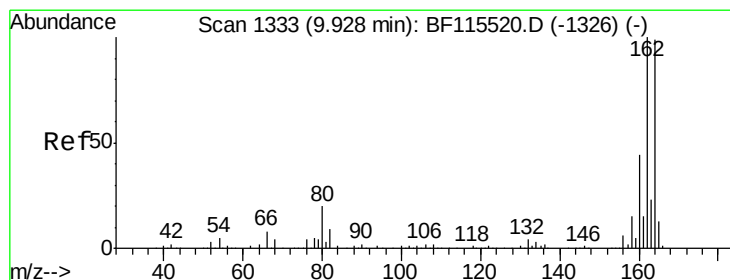
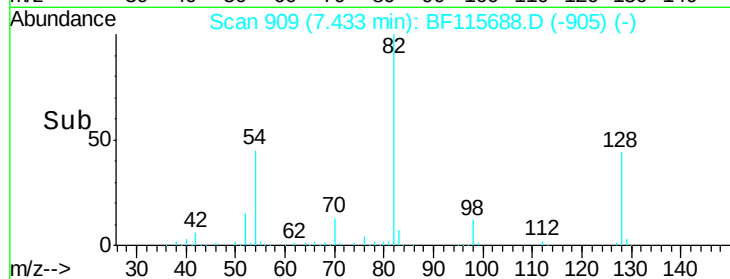
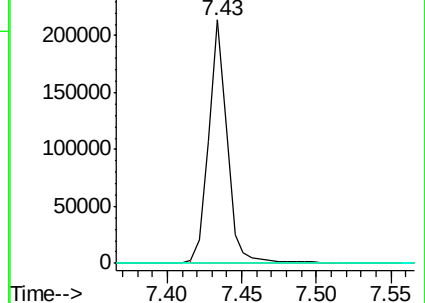
138 0.0 14.9 22.3#



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF115688.D

Acq: 19 Jul 2019 22:43

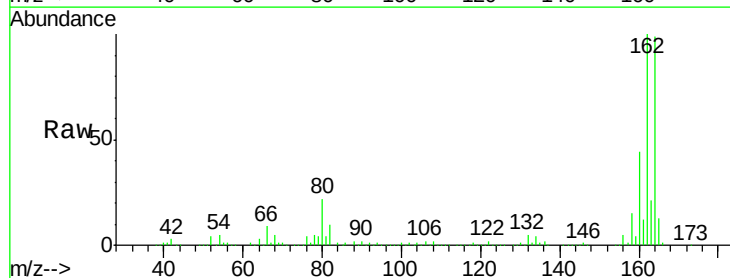
Tgt Ion: 164 Resp: 385883

Ion Ratio Lower Upper

164 100

162 100.6 82.9 124.3

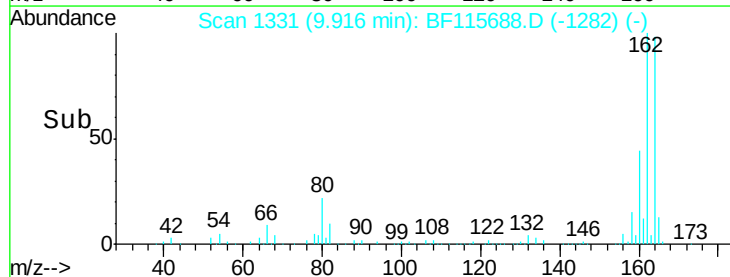
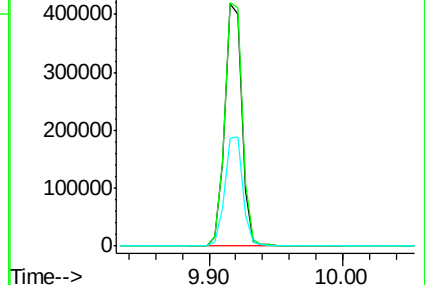
160 44.7 36.8 55.2

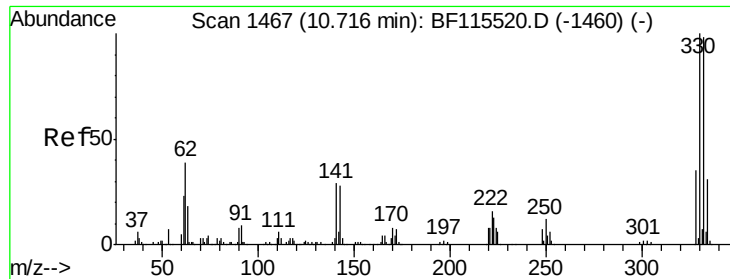


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 12.013 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115688.D

Acq: 19 Jul 2019 22:43

Instrument :

BNA_F

ClientSampleId :

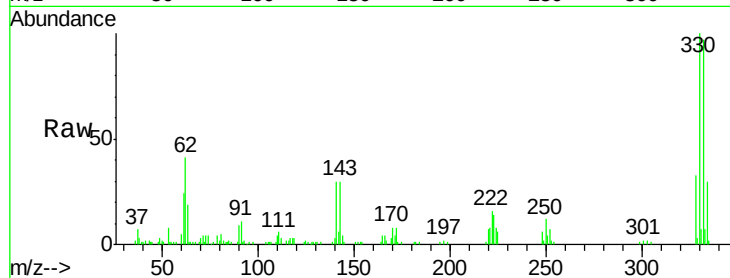
Tot Ion:330 Resp: 54109

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

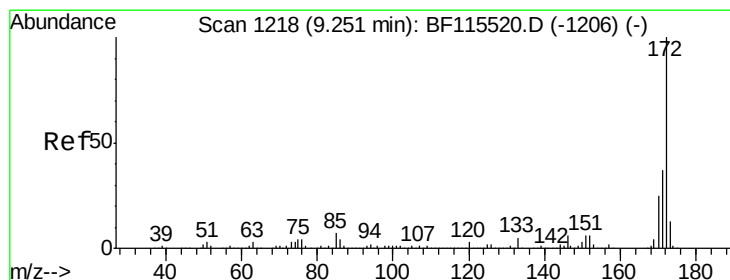
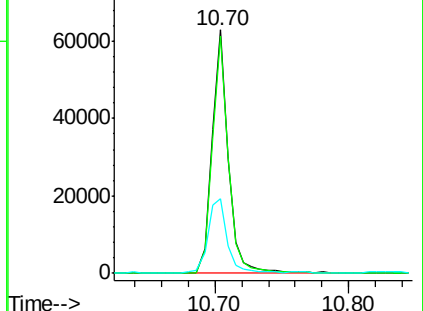
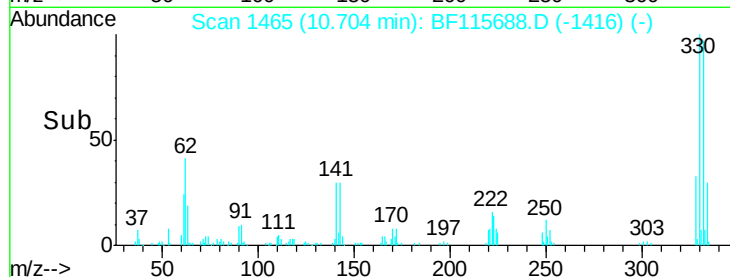
141 35.9 22.4 33.6#



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: 15.539 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF115688.D

Acq: 19 Jul 2019 22:43

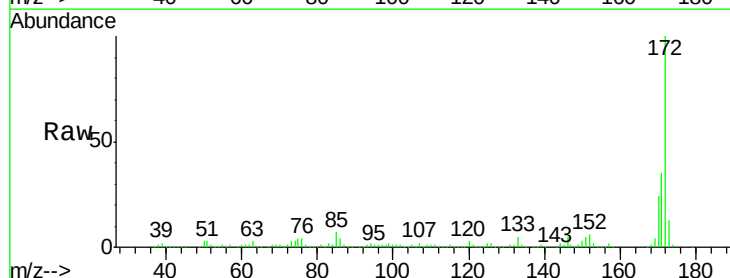
Tgt Ion:172 Resp: 342585

Ion Ratio Lower Upper

172 100

171 35.1 30.6 46.0

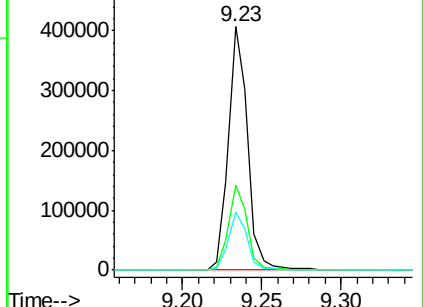
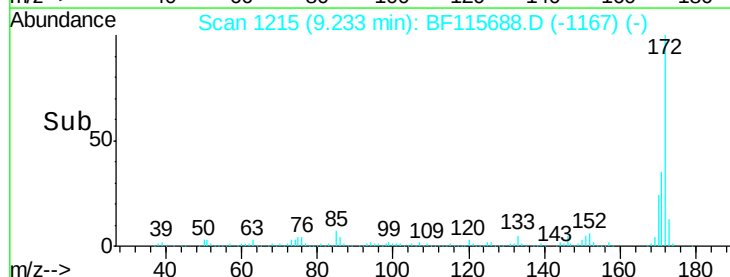
170 23.7 20.5 30.7

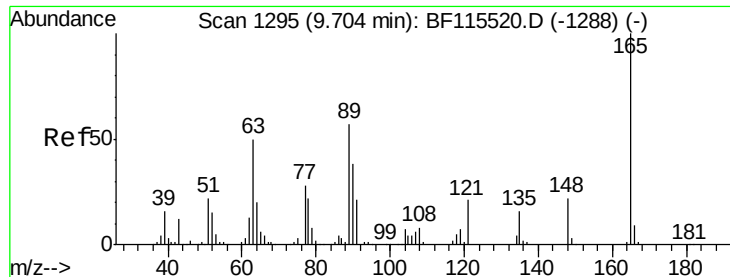


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

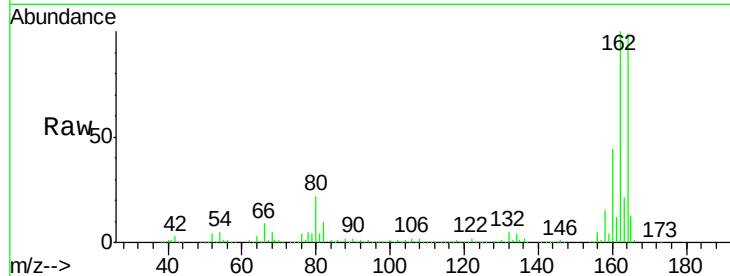




#51
 2,6-Dinitrotoluene
 Concen: 7.728 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF115688.D
 Acq: 19 Jul 2019 22:43

Instrument :
 BNA_F
 ClientSampleId :

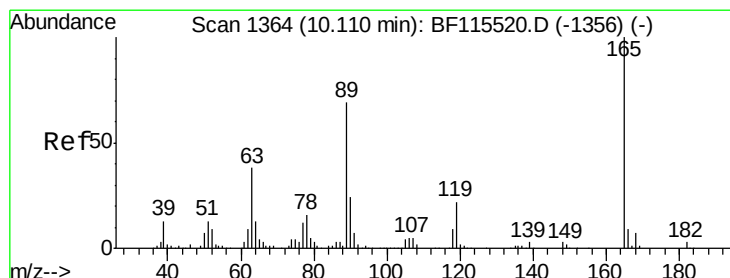
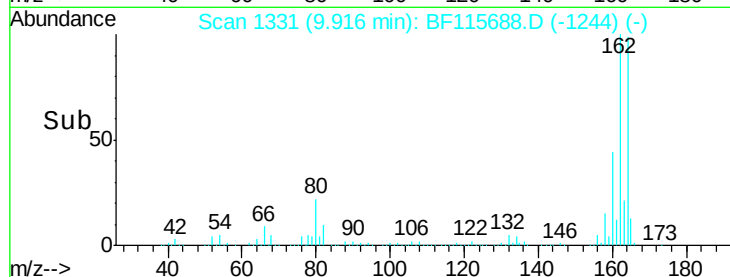
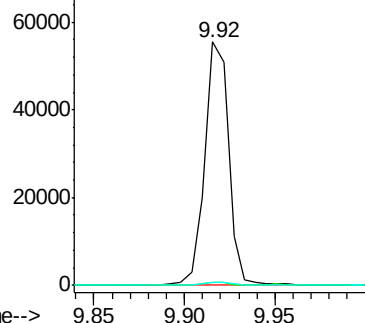
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.6	61.0#
89	1.3	43.9	65.9#



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



#57
 2,4-Dinitrotoluene
 Concen: 5.965 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF115688.D
 Acq: 19 Jul 2019 22:43

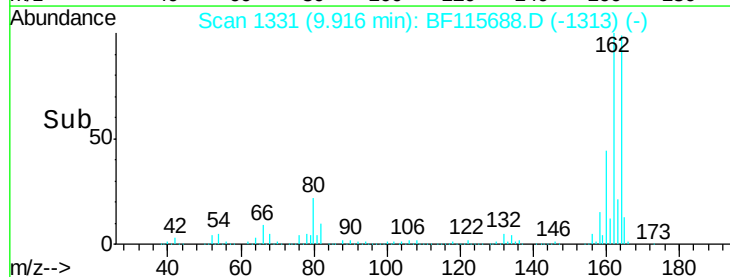
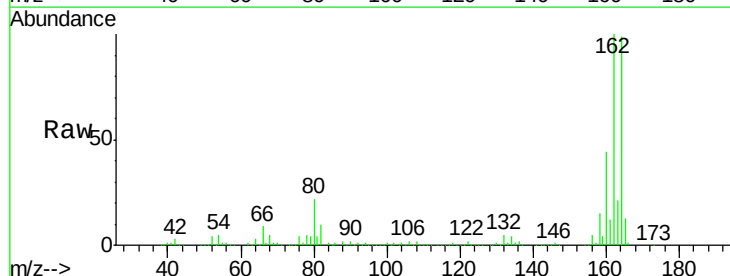
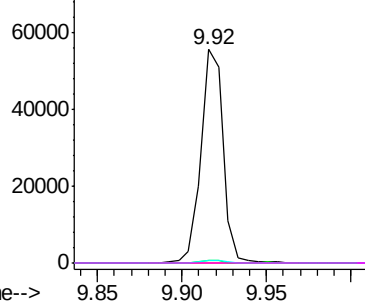
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.9	52.3#
89	1.3	57.5	86.3#
182	0.0	2.2	3.4#

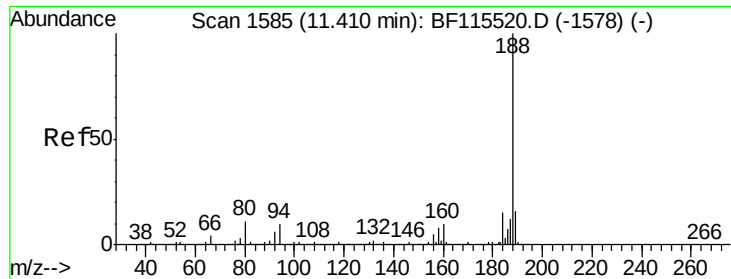
Abundance Ion 165.00 (164.70 to 165.70): E

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

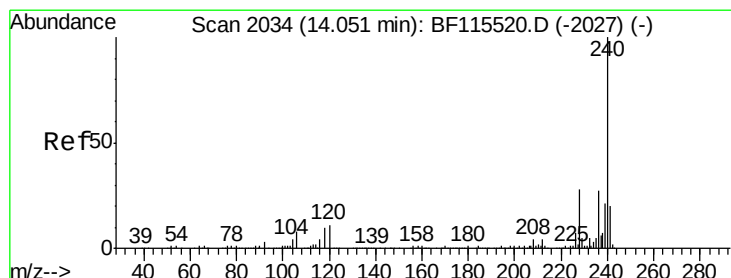
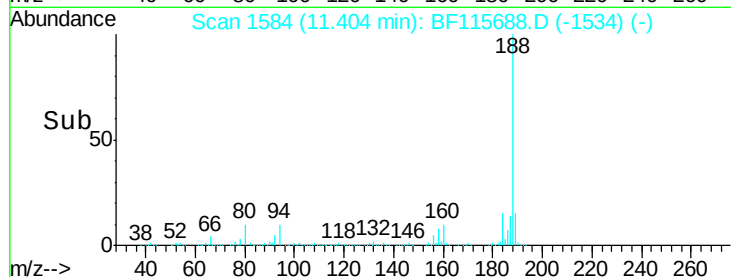
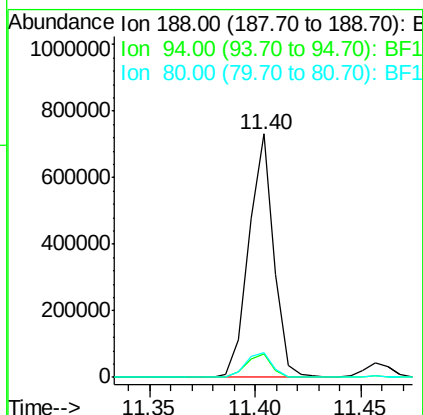
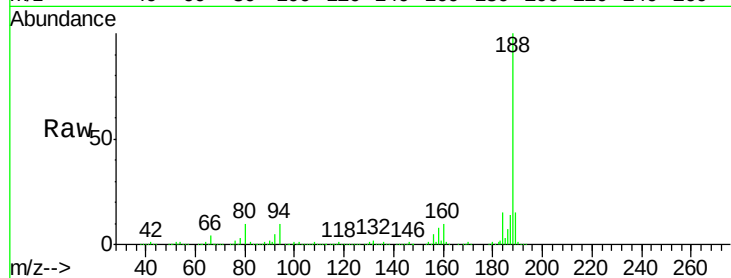




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115688.D
Acq: 19 Jul 2019 22:43

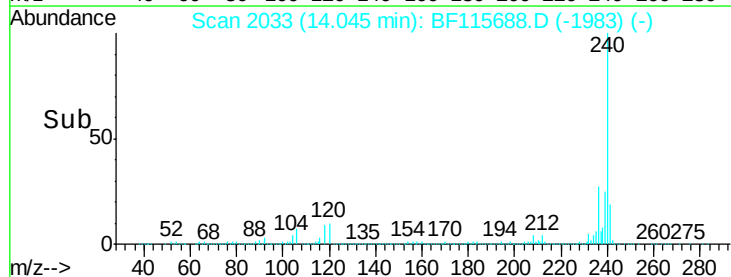
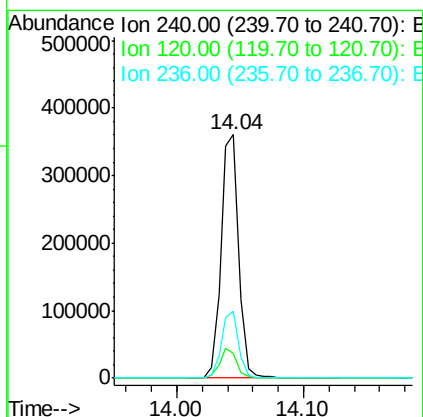
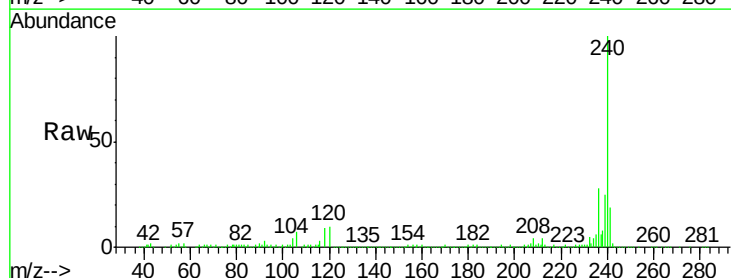
Instrument :
BNA_F
ClientSampled :

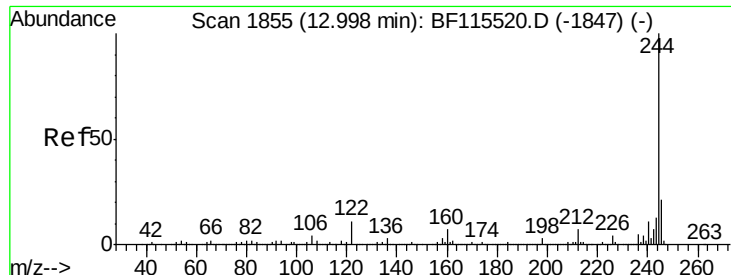
Tot Ion:188 Resp: 598262
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 10.2 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115688.D
Acq: 19 Jul 2019 22:43

Tgt Ion:240 Resp: 350217
Ion Ratio Lower Upper
240 100
120 10.3 8.6 13.0
236 27.6 21.3 31.9





#79

Terphenyl-d14

Concen: 12.726 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115688.D

Acq: 19 Jul 2019 22:43

Instrument :

BNA_F

ClientSampleId :

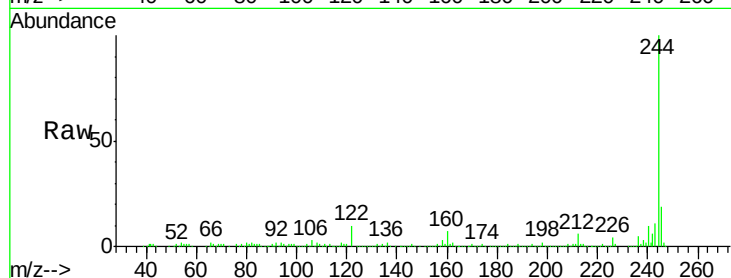
Tot Ion:244 Resp: 241539

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

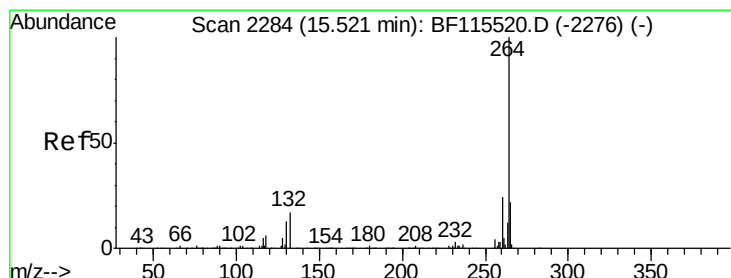
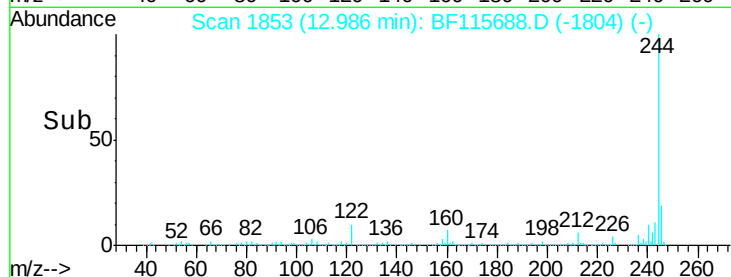
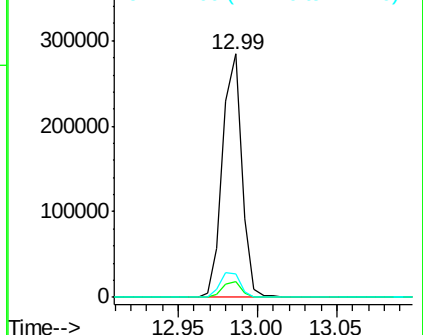
122 9.9 8.6 12.8



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: 15.52 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BF115688.D

Acq: 19 Jul 2019 22:43

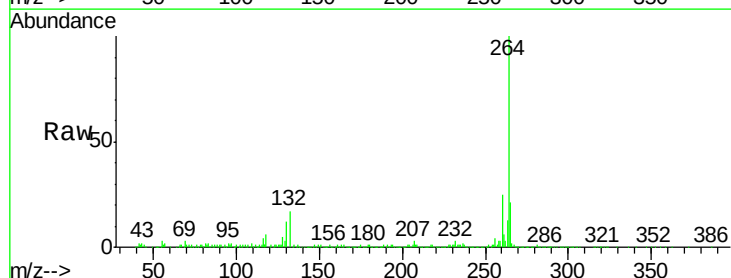
Tgt Ion:264 Resp: 336972

Ion Ratio Lower Upper

264 100

260 24.9 19.8 29.8

265 21.2 17.7 26.5



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

