

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115552.D
 Acq On : 15 Jul 2019 9:01
 Operator : HP/JU
 Sample : PB121222BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:34:17 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

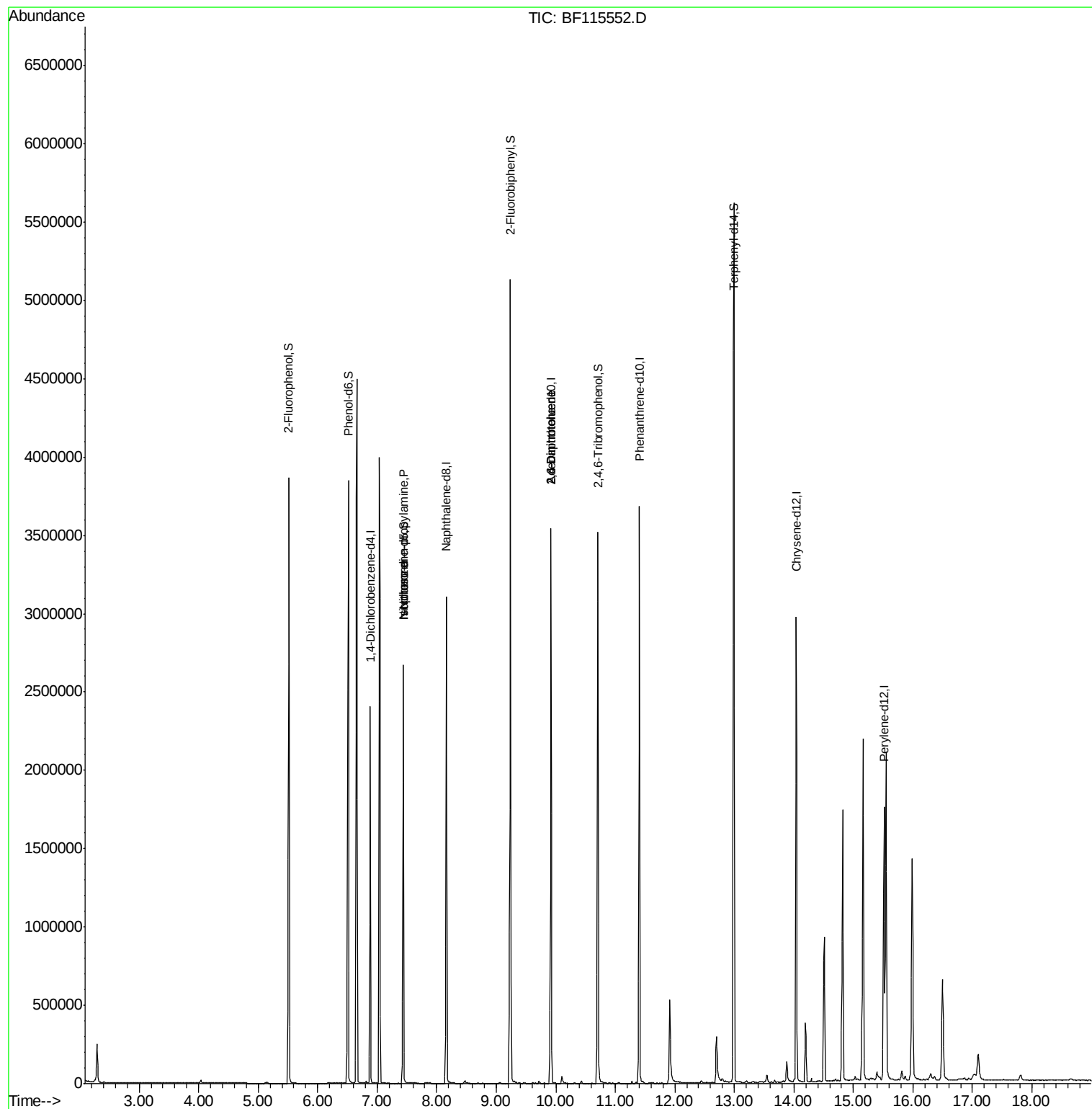
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	393783	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1545041	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	788047	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1482735	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1009524	20.00	ng	-0.01
87) Perylene-d12	15.52	264	891832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1328065	55.17	ng	0.01
7) Phenol-d6	6.52	99	1711898	56.04	ng	0.00
23) Nitrobenzene-d5	7.44	82	1119049	42.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	539076	58.61	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2046524	45.45	ng	-0.01
79) Terphenyl-d14	12.99	244	2209514	40.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	150737	7.566	ng	# 78
25) Isophorone	7.44	82	1096313	20.619	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	100833	7.483	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	100833	5.776	ng	# 24

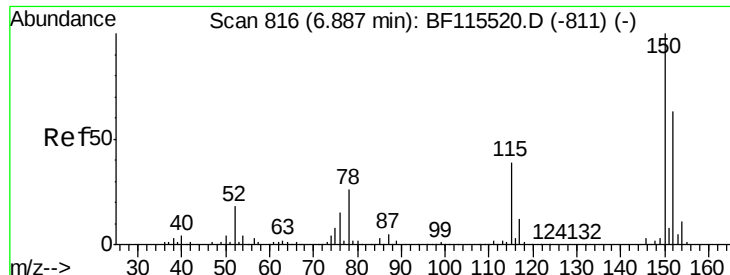
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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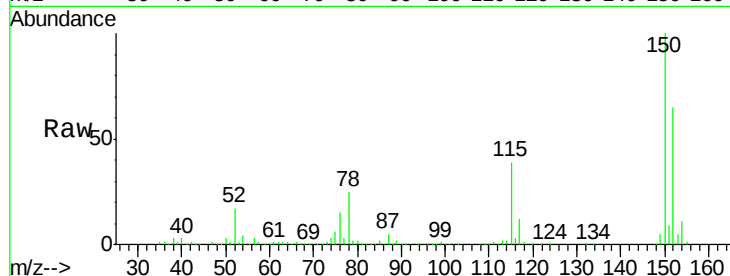


#1

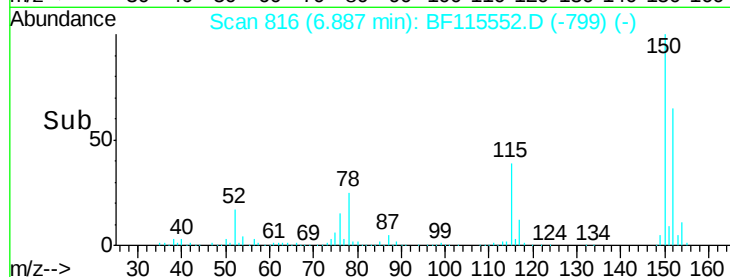
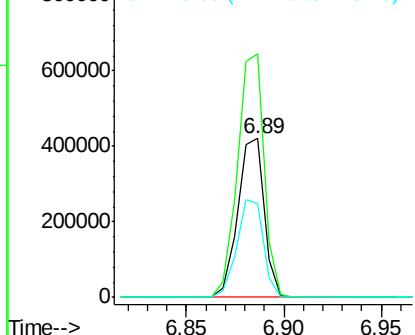
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115552.D
Acq: 15 Jul 2019 9:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 393783
Ion Ratio Lower Upper
152 100
150 153.3 129.7 194.5
115 59.4 48.2 72.4



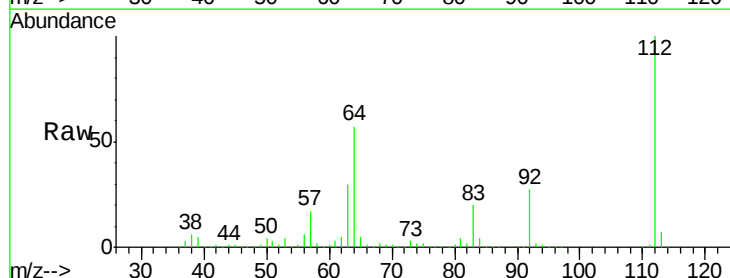
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



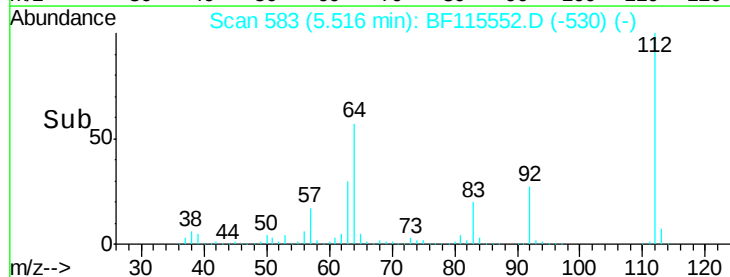
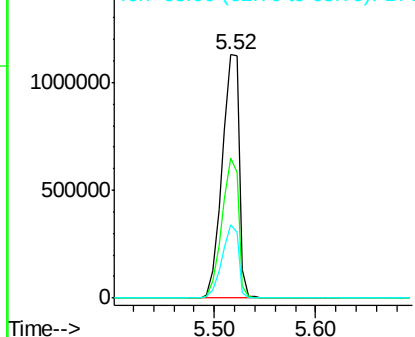
#5

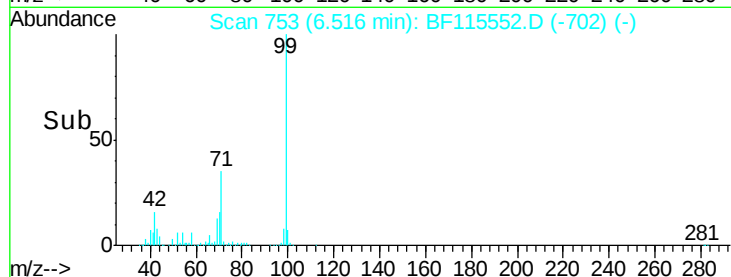
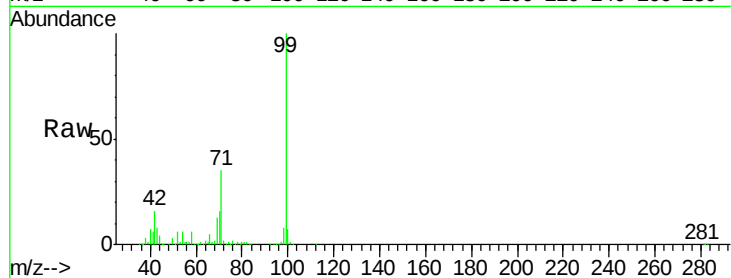
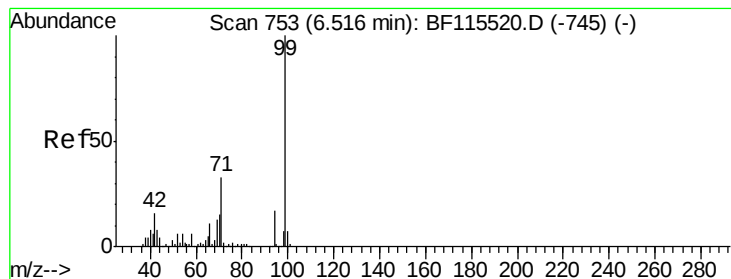
2-Fluorophenol
Concen: 55.166 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115552.D
Acq: 15 Jul 2019 9:01

Tgt Ion:112 Resp: 1328065
Ion Ratio Lower Upper
112 100
64 57.3 46.8 70.2
63 30.1 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: 56.041 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115552.D

Acq: 15 Jul 2019 9:01

Instrument :

BNA_F

ClientSampleId :

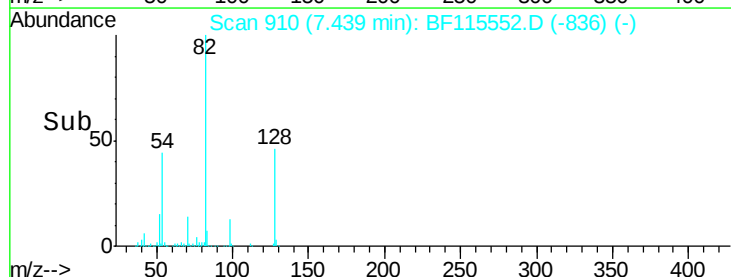
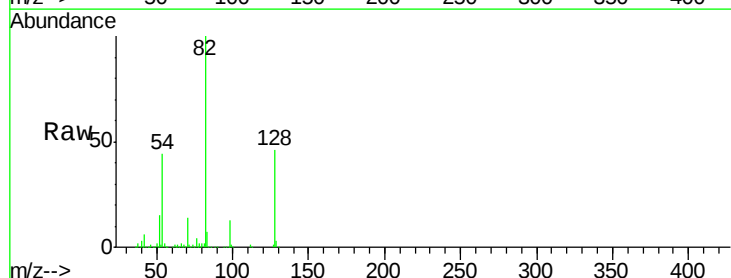
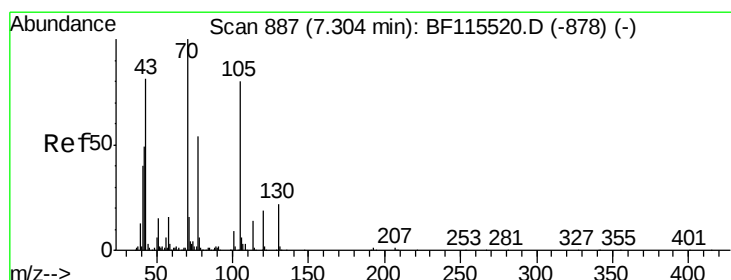
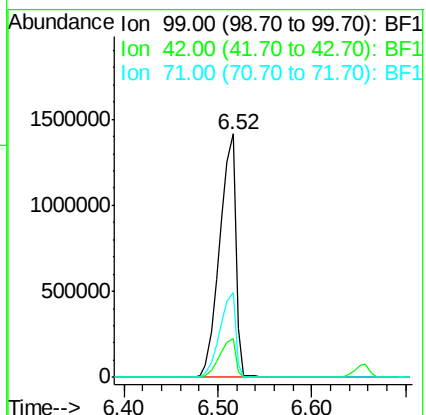
Tot Ion: 99 Resp: 1711898

Ion Ratio Lower Upper

99 100

42 15.9 13.6 20.4

71 34.9 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 7.566 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115552.D

Acq: 15 Jul 2019 9:01

Tgt Ion: 70 Resp: 150737

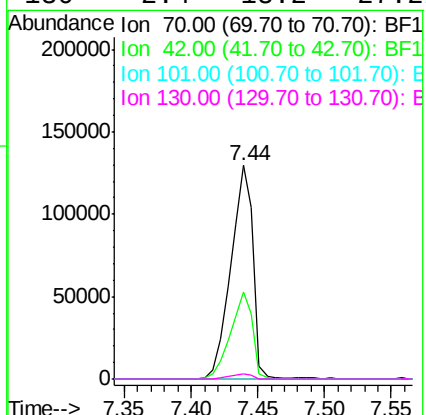
Ion Ratio Lower Upper

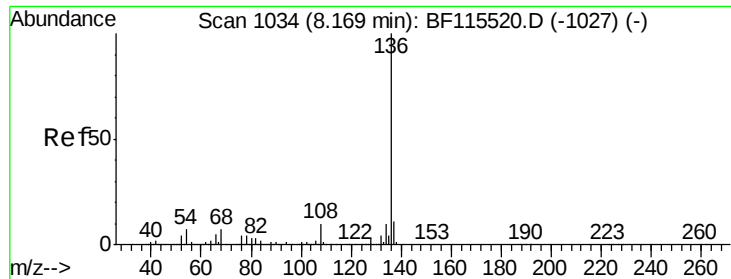
70 100

42 41.0 39.6 59.4

101 0.0 8.1 12.1#

130 2.4 18.2 27.2#

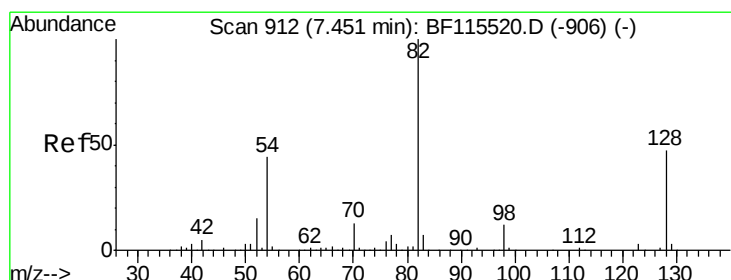
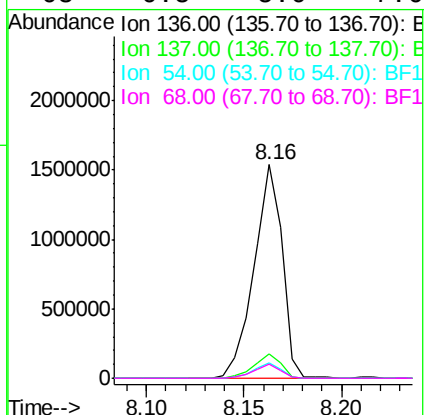
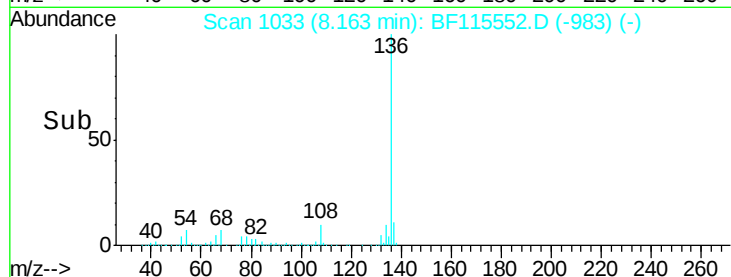
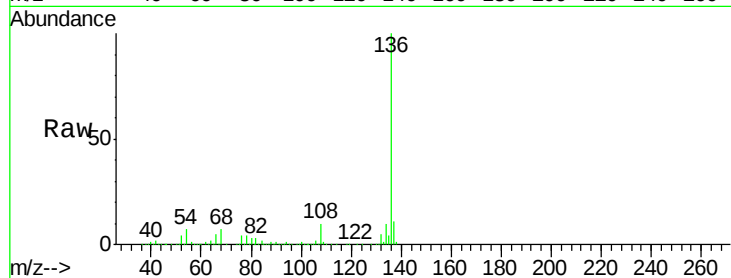




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115552.D
Acq: 15 Jul 2019 9:01

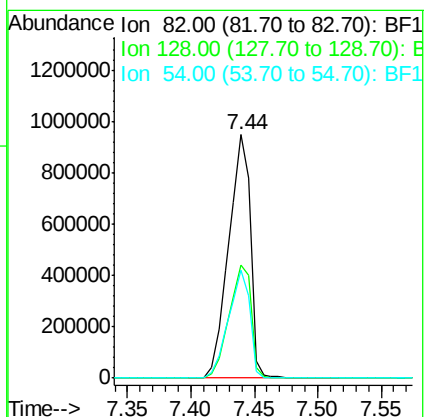
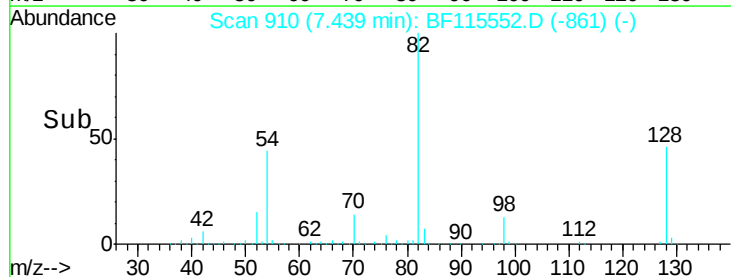
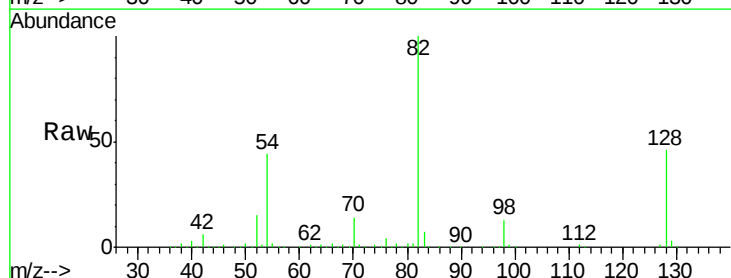
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1545041
Ion Ratio	Lower Upper
136 100	
137 11.5	9.0 13.4
54 7.1	5.6 8.4
68 6.5	5.0 7.6



#23
Nitrobenzene-d5
Concen: 42.115 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115552.D
Acq: 15 Jul 2019 9:01

Tgt Ion: 82	Resp: 1119049
Ion Ratio	Lower Upper
82 100	
128 46.3	38.6 57.8
54 44.4	35.6 53.4





#25

Isophorone

Concen: 20.619 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115552.D

Acq: 15 Jul 2019 9:01

Instrument :

BNA_F

ClientSampleId :

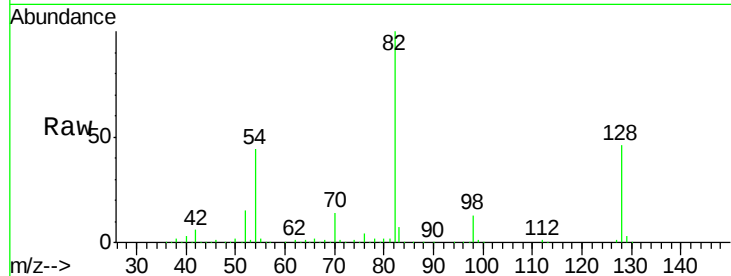
Tot Ion: 82 Resp: 1096313

Ion Ratio Lower Upper

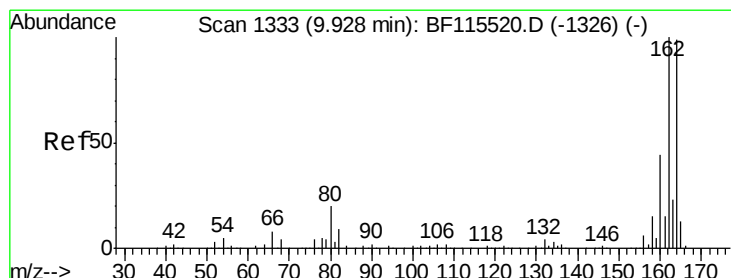
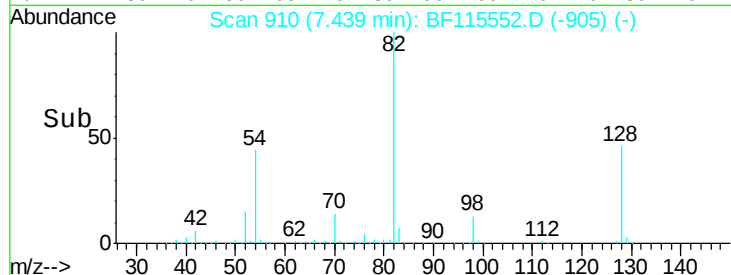
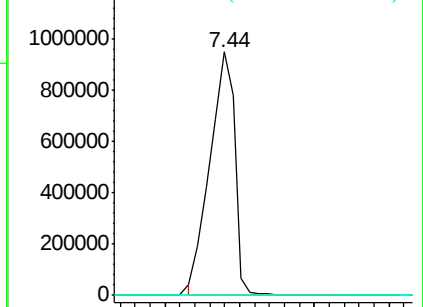
82 100

95 0.0 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# 1332

Delta R.T. -0.01 min

Lab File: BF115552.D

Acq: 15 Jul 2019 9:01

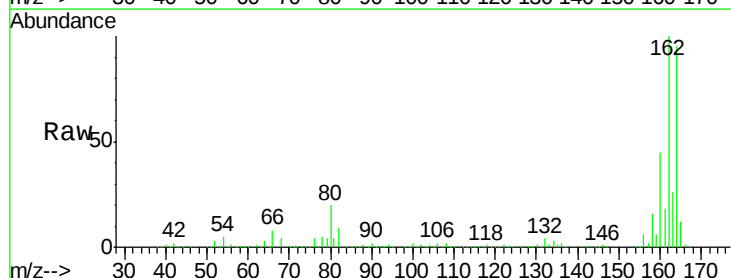
Tgt Ion: 164 Resp: 788047

Ion Ratio Lower Upper

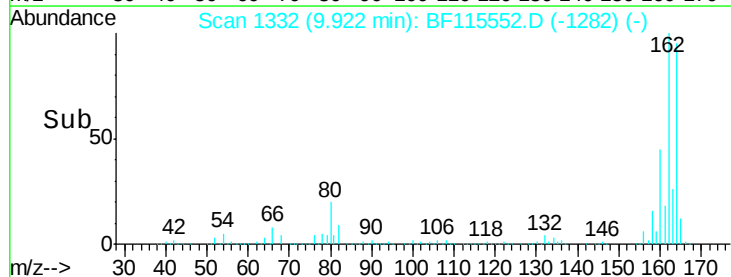
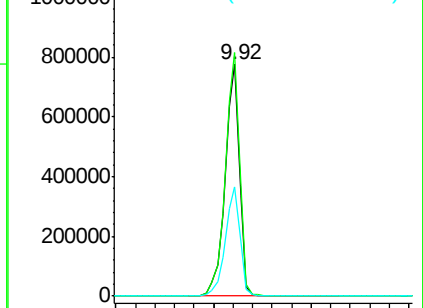
164 100

162 105.0 82.9 124.3

160 47.3 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: 58.605 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115552.D

Acq: 15 Jul 2019 9:01

Instrument :

BNA_F

ClientSampleId :

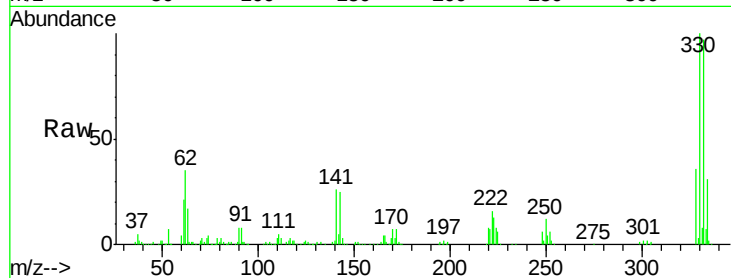
Tot Ion:330 Resp: 539076

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

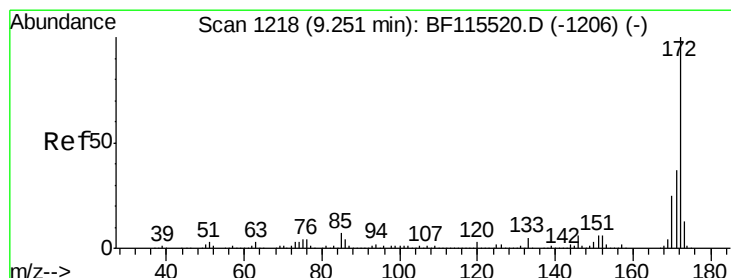
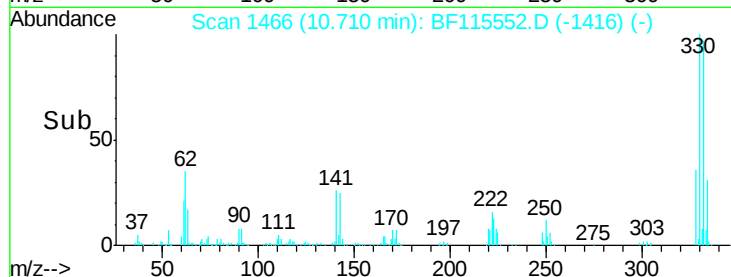
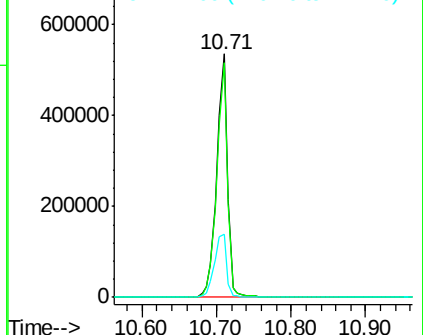
141 29.4 22.4 33.6



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: 45.454 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115552.D

Acq: 15 Jul 2019 9:01

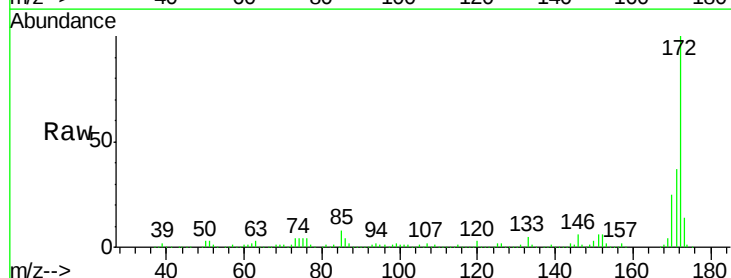
Tgt Ion:172 Resp: 2046524

Ion Ratio Lower Upper

172 100

171 37.0 30.6 46.0

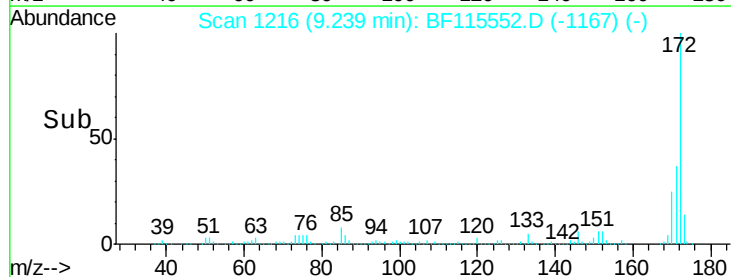
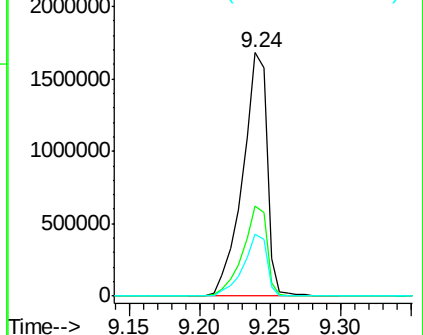
170 25.3 20.5 30.7

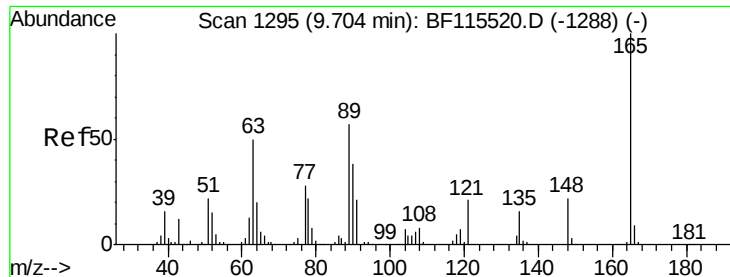


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

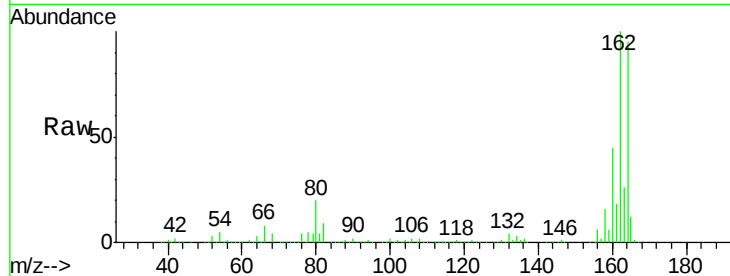




#51
 2,6-Dinitrotoluene
 Concen: 7.483 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.22 min
 Lab File: BF115552.D
 Acq: 15 Jul 2019 9:01

Instrument :
 BNA_F
 ClientSampleId :

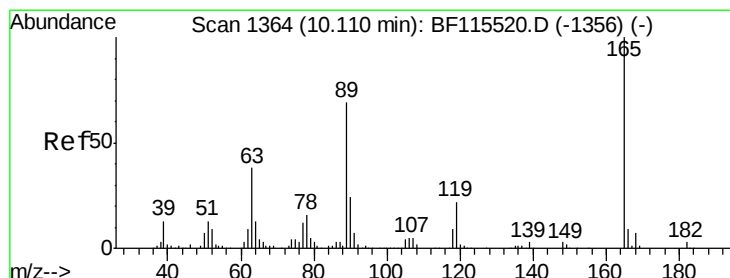
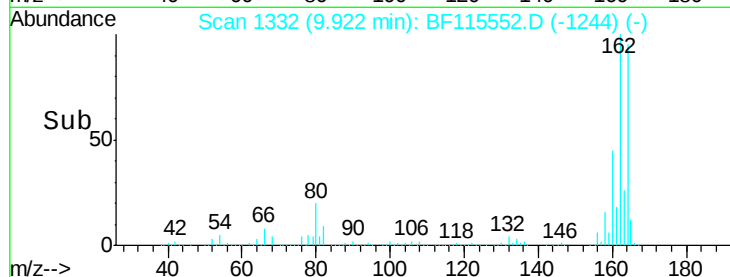
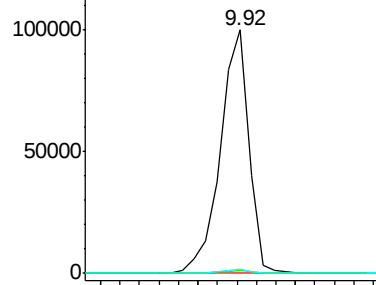
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.6	61.0#
89	1.6	43.9	65.9#



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: 5.776 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF115552.D
 Acq: 15 Jul 2019 9:01

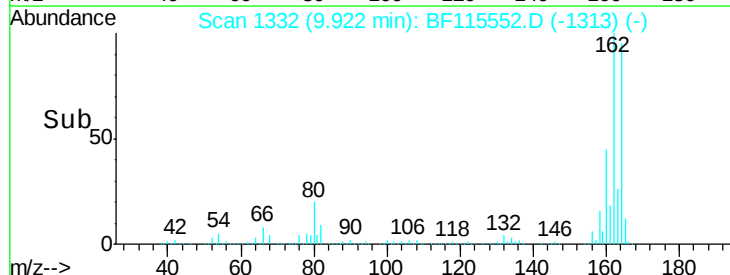
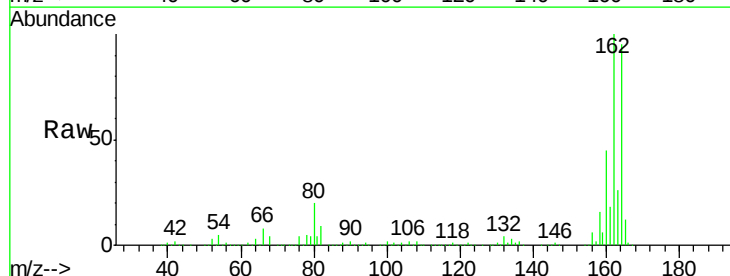
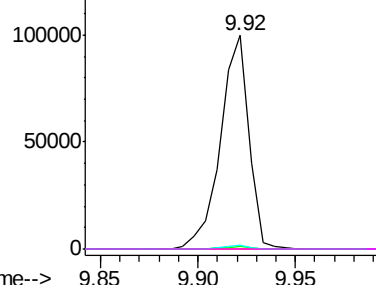
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.9	52.3#
89	1.6	57.5	86.3#
182	0.0	2.2	3.4#

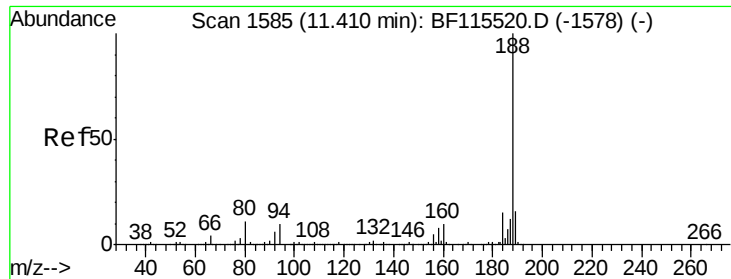
Abundance Ion 165.00 (164.70 to 165.70): E

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

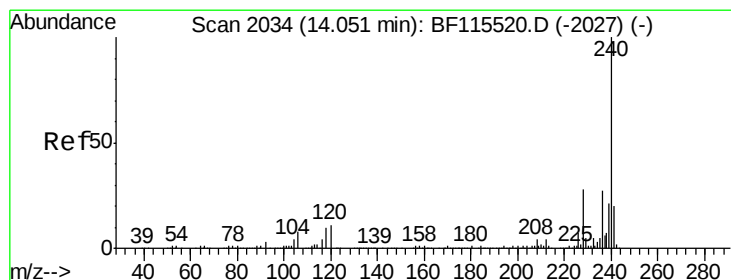
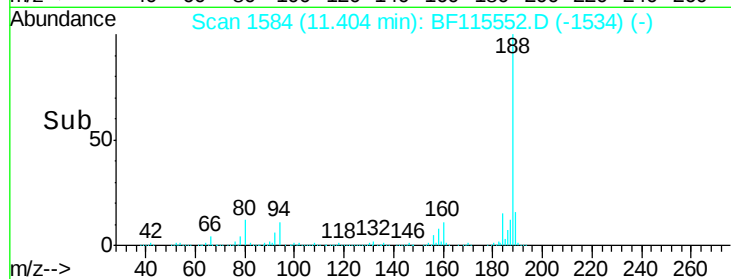
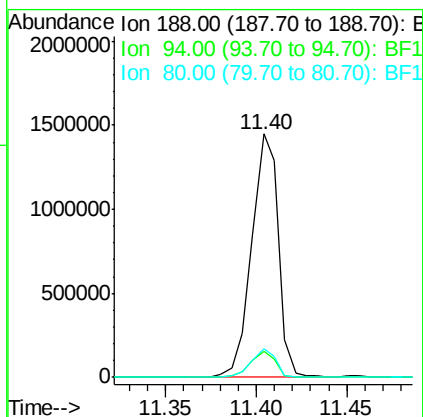
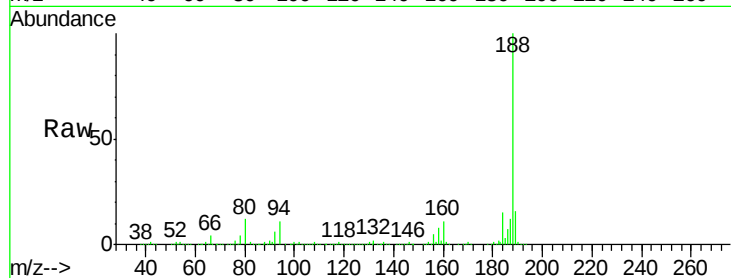




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115552.D
Acq: 15 Jul 2019 9:01

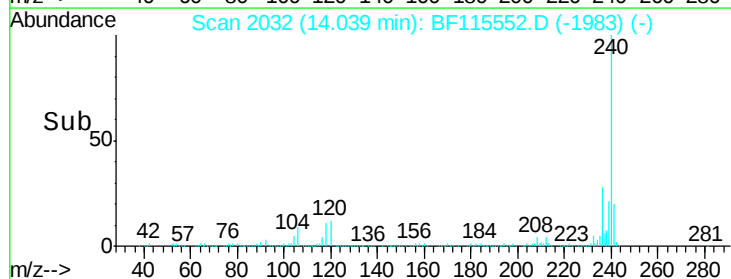
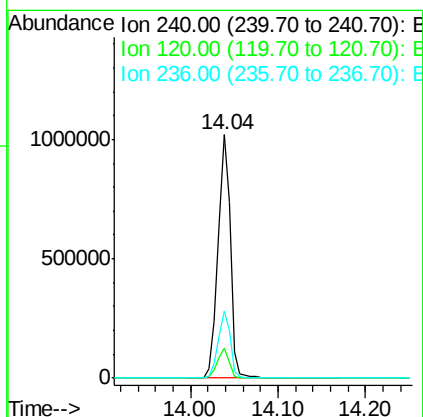
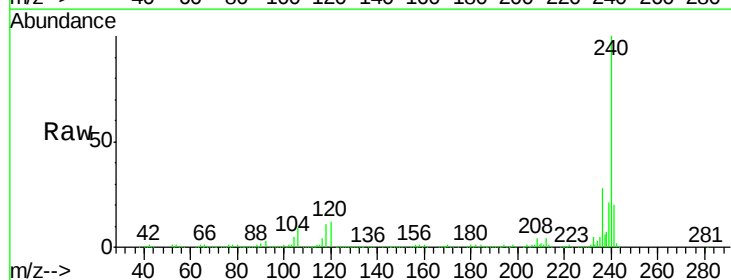
Instrument :
BNA_F
ClientSampleId :

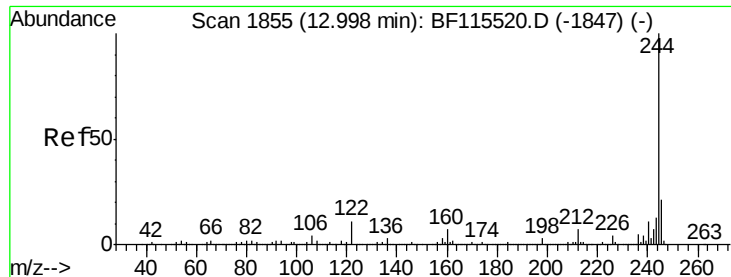
Tot Ion:188 Resp: 1482735
Ion Ratio Lower Upper
188 100
94 10.6 7.8 11.6
80 11.7 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115552.D
Acq: 15 Jul 2019 9:01

Tgt Ion:240 Resp: 1009524
Ion Ratio Lower Upper
240 100
120 12.2 8.6 13.0
236 27.7 21.3 31.9





#79

Terphenyl-d14

Concen: 40.385 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115552.D

Acq: 15 Jul 2019 9:01

Instrument :

BNA_F

ClientSampleId :

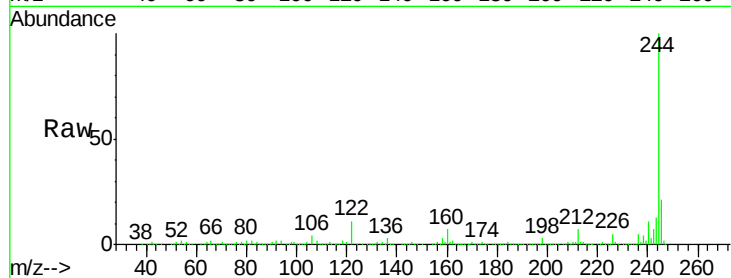
Tot Ion:244 Resp: 2209514

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

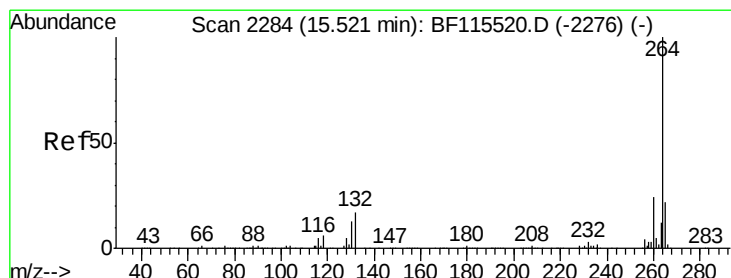
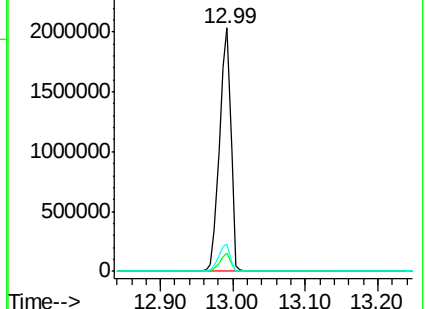
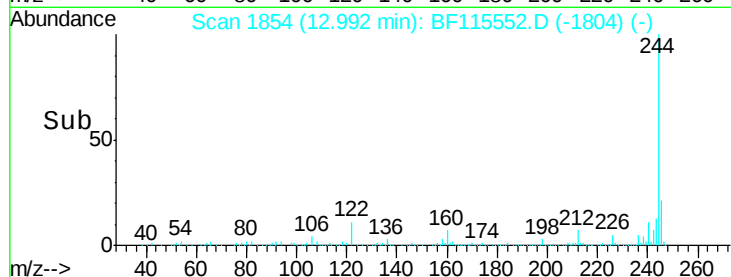
122 11.3 8.6 12.8



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# 2283

Delta R.T. -0.01 min

Lab File: BF115552.D

Acq: 15 Jul 2019 9:01

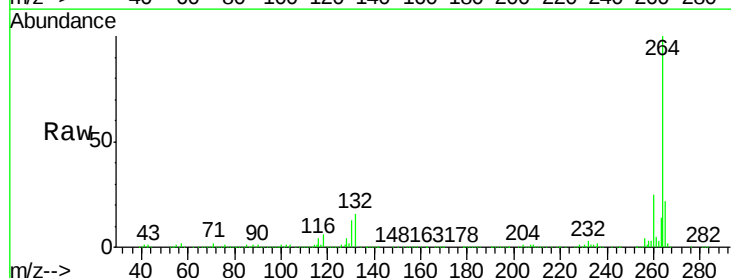
Tgt Ion:264 Resp: 891832

Ion Ratio Lower Upper

264 100

260 24.9 19.8 29.8

265 21.5 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

