

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115409.D
 Acq On : 8 Jul 2019 16:54
 Operator : HP/JU
 Sample : K3605-01DL2 200X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GWDL2

Quant Time: Jul 10 08:44:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 14:57:35 2019
 Response via : Initial Calibration

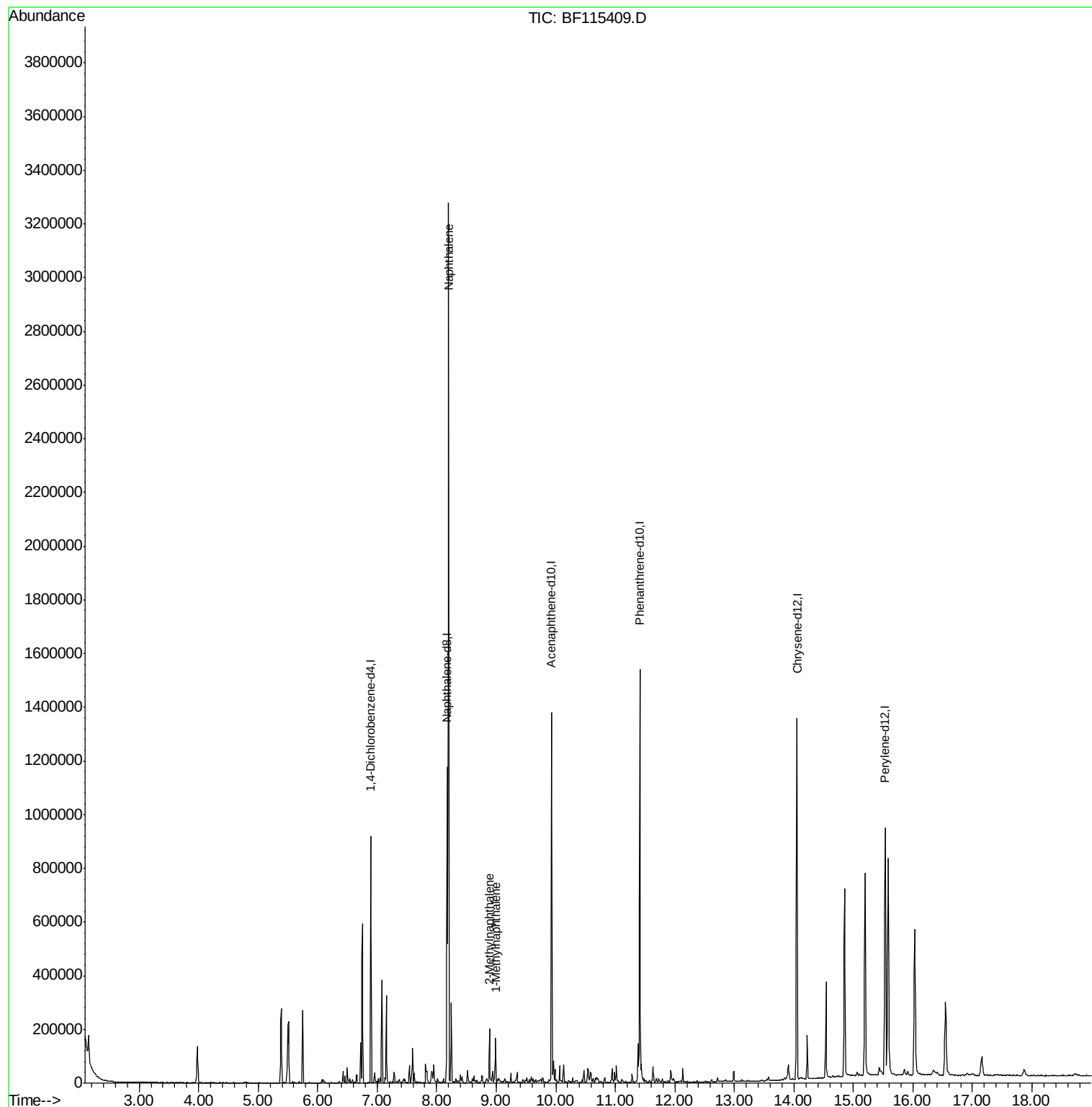
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	118859	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	498442	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	259582	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	531392	20.00	ng	0.00
76) Chrysene-d12	14.05	240	450556	20.00	ng	-0.02
87) Perylene-d12	15.53	264	445485	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	3048	0.40	ng	-0.02
7) Phenol-d6	6.50	99	2472	0.25	ng	-0.02
23) Nitrobenzene-d5	7.45	82	4698	0.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	1661	0.58	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	10357	0.70	ng	-0.01
79) Terphenyl-d14	12.99	244	14772	0.67	ng	-0.01
Target Compounds						
31) Naphthalene	8.20	128	1350170	54.535	ng	100
37) 2-Methylnaphthalene	8.89	142	45710	2.762	ng	99
38) 1-Methylnaphthalene	8.99	142	36678	2.323	ng	97

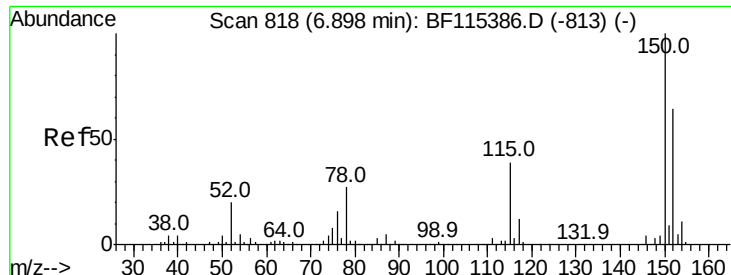
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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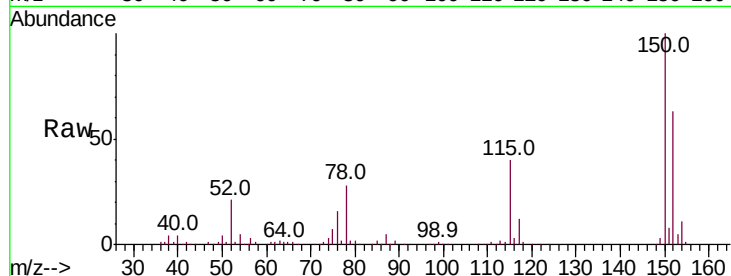


#1

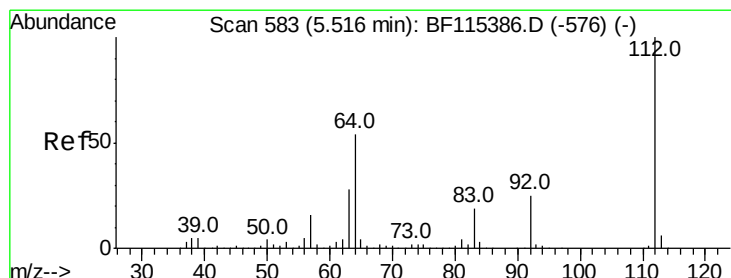
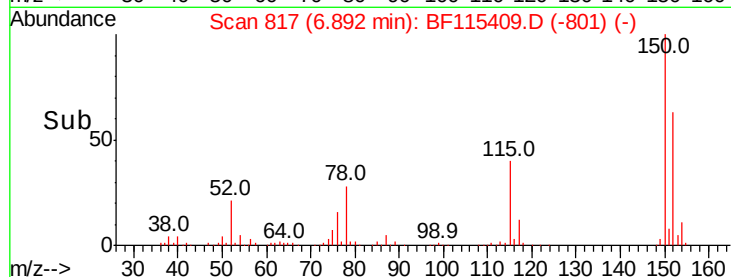
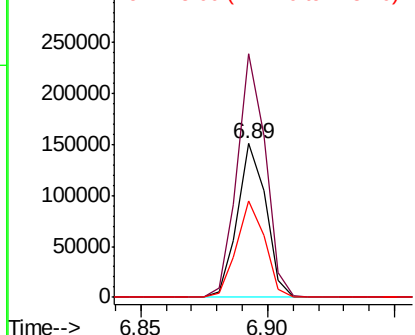
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115409.D
Acq: 8 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tot Ion:152 Resp: 118859
Ion Ratio Lower Upper
152 100
150 158.2 124.7 187.1
115 63.0 48.1 72.1



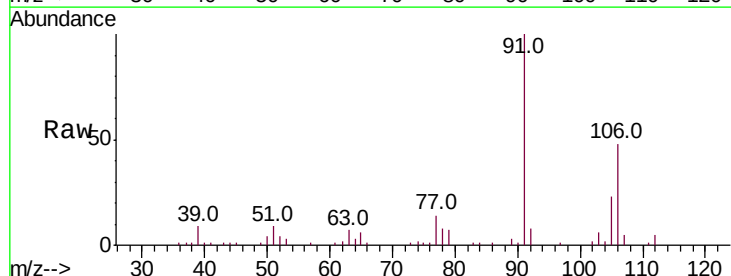
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



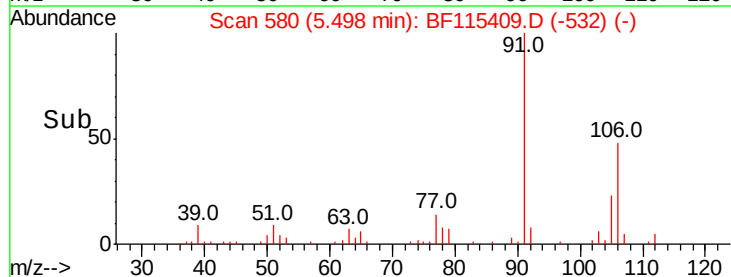
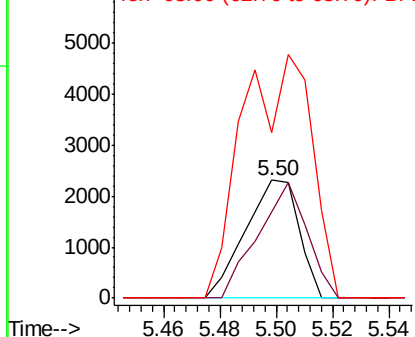
#5

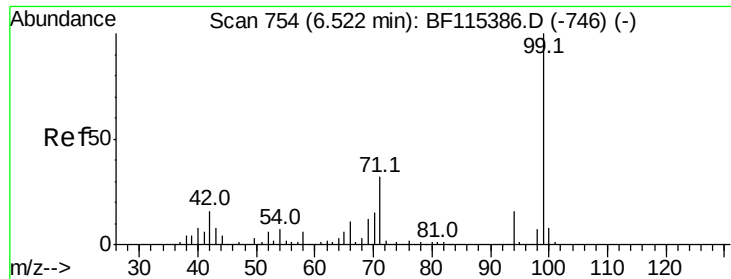
2-Fluorophenol
Concen: 0.396 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.02 min
Lab File: BF115409.D
Acq: 8 Jul 2019 16:54

Tgt Ion:112 Resp: 3048
Ion Ratio Lower Upper
112 100
64 73.1 43.0 64.6#
63 140.2 22.2 33.2#



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: 0.253 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF115409.D

Acq: 8 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GWDL2

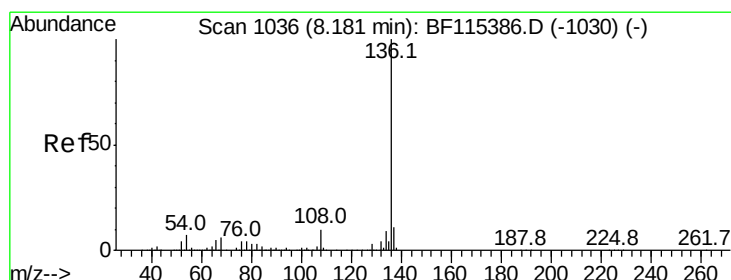
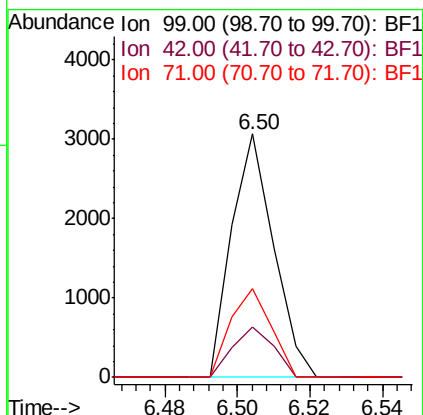
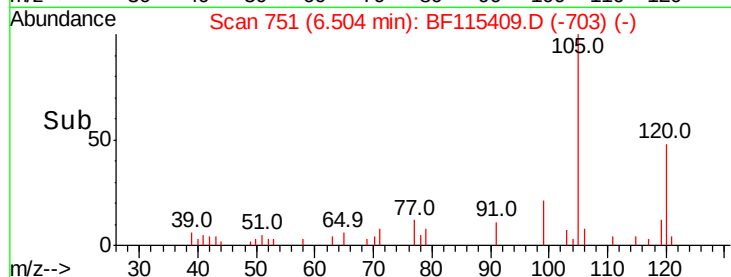
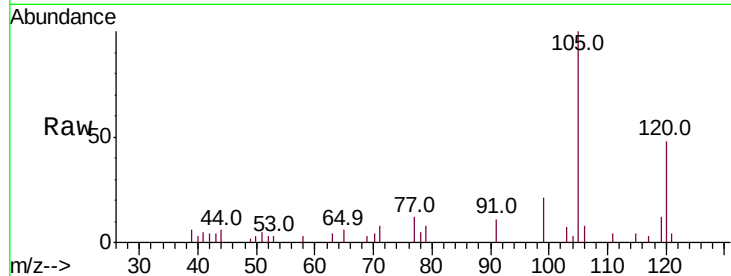
Tot Ion: 99 Resp: 2472

Ion Ratio Lower Upper

99 100

42 20.5 13.1 19.7#

71 36.7 25.9 38.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115409.D

Acq: 8 Jul 2019 16:54

Tgt Ion: 136 Resp: 498442

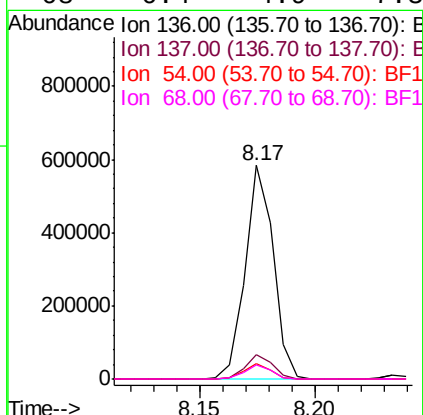
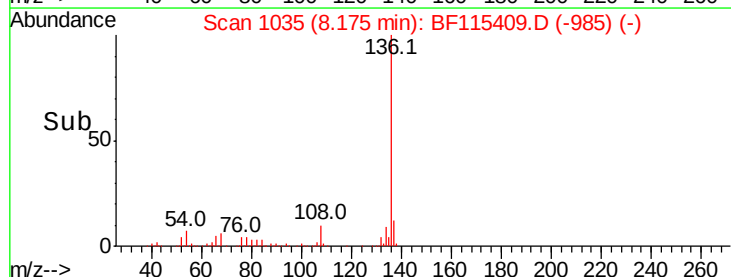
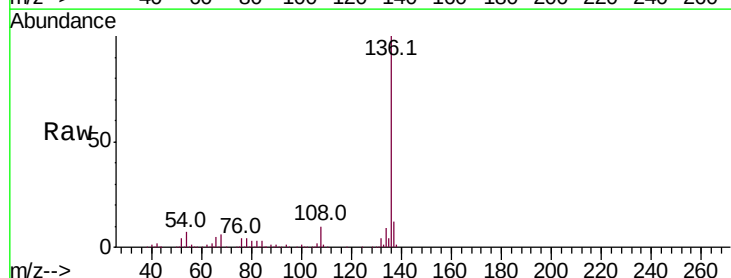
Ion Ratio Lower Upper

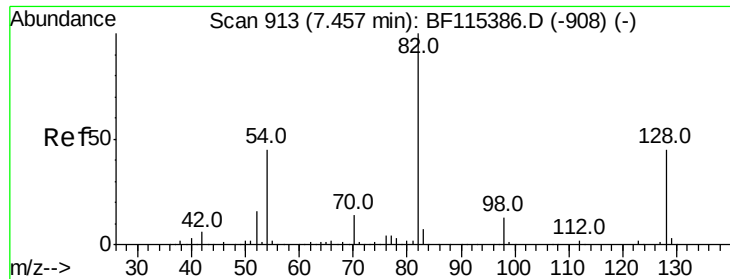
136 100

137 11.7 8.9 13.3

54 7.4 5.6 8.4

68 6.4 4.9 7.3

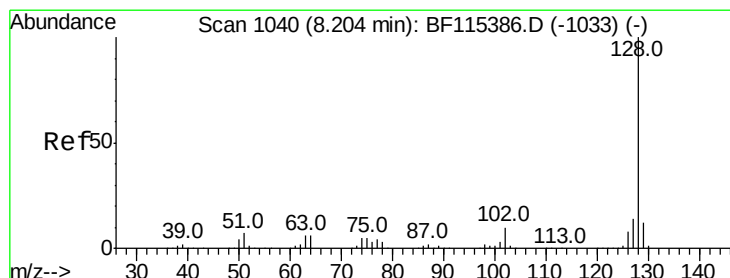
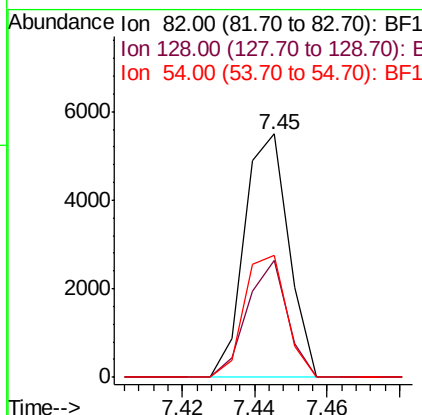
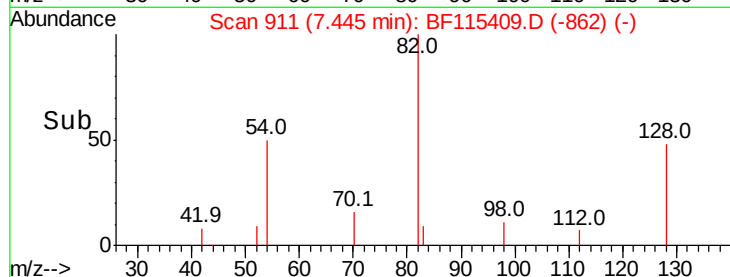
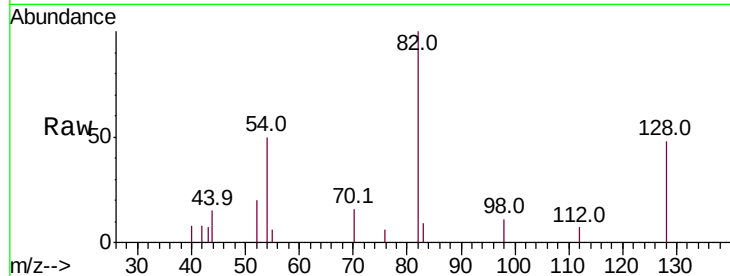




#23
 Nitrobenzene-d5
 Concen: 0.557 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115409.D
 Acq: 8 Jul 2019 16:54

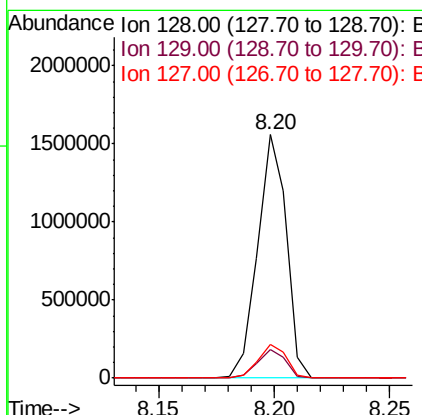
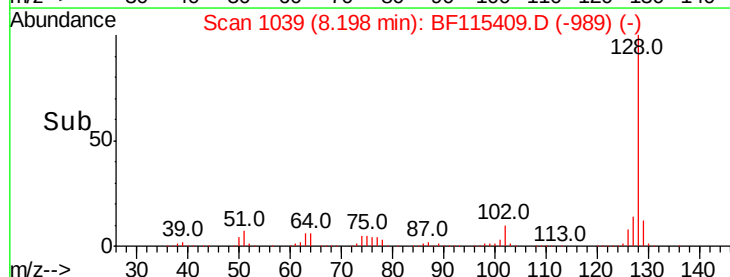
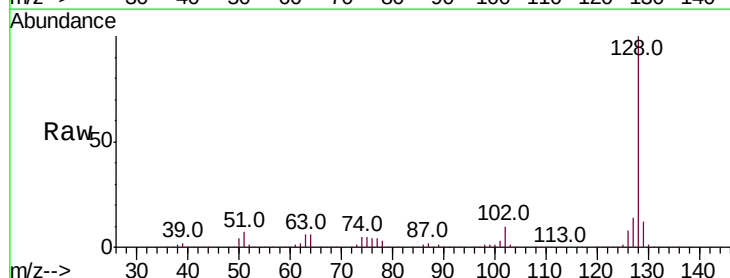
Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GWDL2

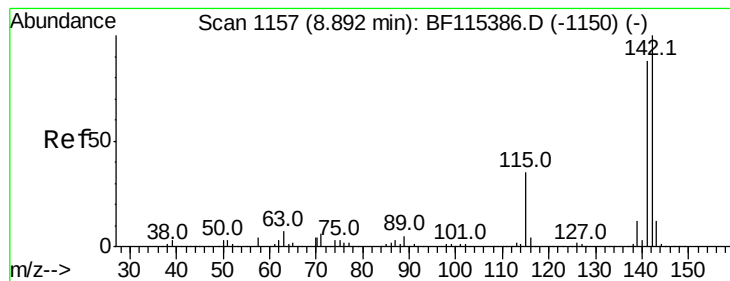
Tot Ion: 82 Resp: 4698
 Ion Ratio Lower Upper
 82 100
 128 47.8 35.7 53.5
 54 49.9 36.3 54.5



#31
 Naphthalene
 Concen: 54.535 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF115409.D
 Acq: 8 Jul 2019 16:54

Tgt Ion: 128 Resp: 1350170
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.4 14.2
 127 13.9 11.2 16.8





#37

2-Methylnaphthalene

Concen: 2.762 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF115409.D

Acq: 8 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GWDL2

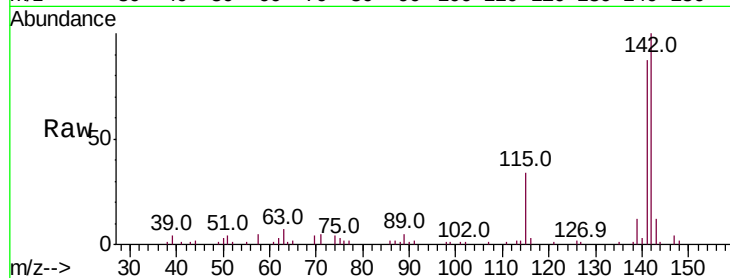
Tot Ion:142 Resp: 45710

Ion Ratio Lower Upper

142 100

141 87.2 70.6 106.0

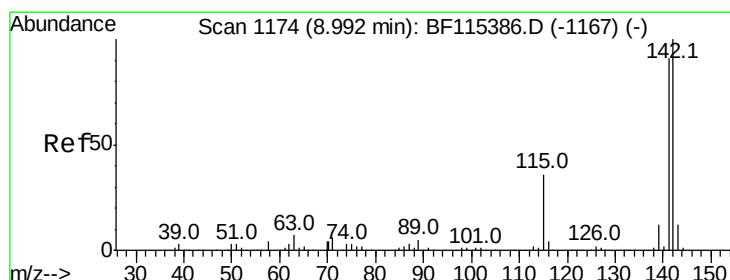
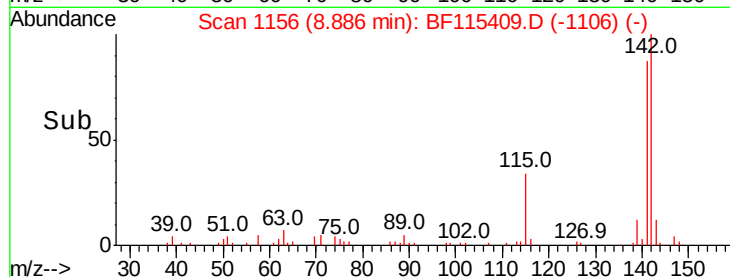
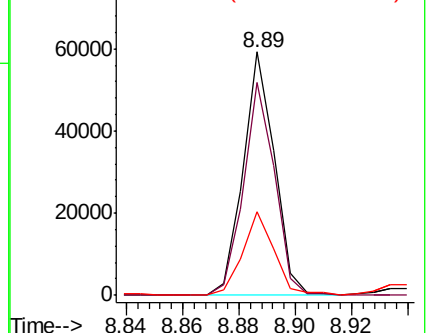
115 34.2 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 2.323 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF115409.D

Acq: 8 Jul 2019 16:54

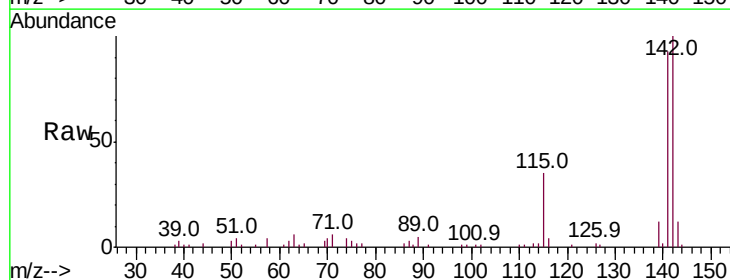
Tgt Ion:142 Resp: 36678

Ion Ratio Lower Upper

142 100

141 93.5 72.7 109.1

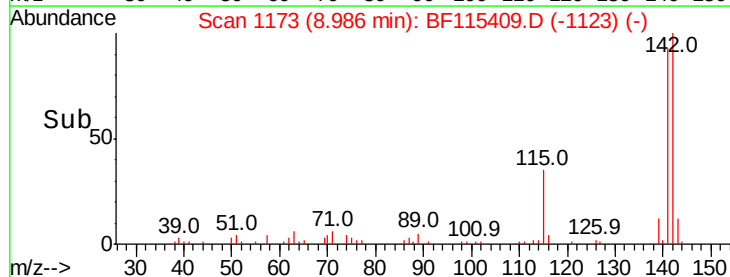
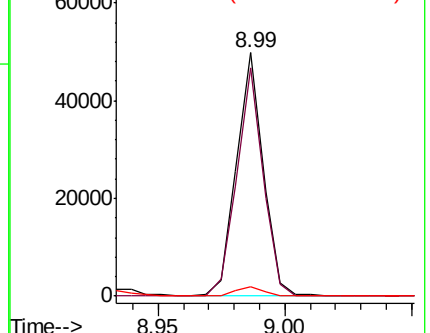
116 4.1 3.0 4.4

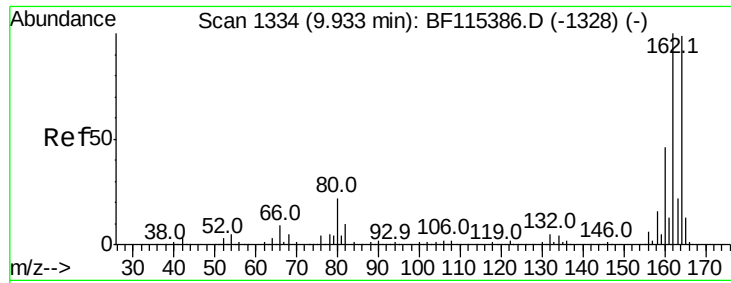


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

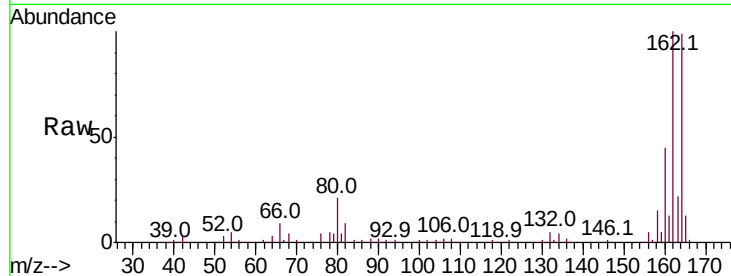




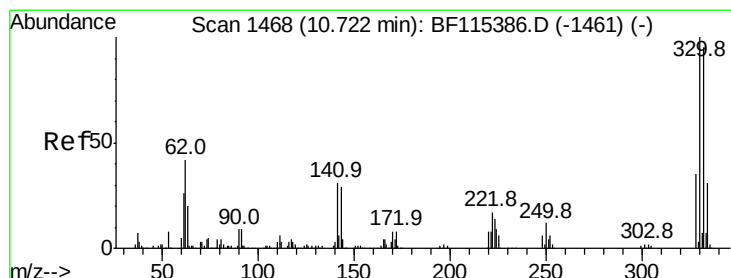
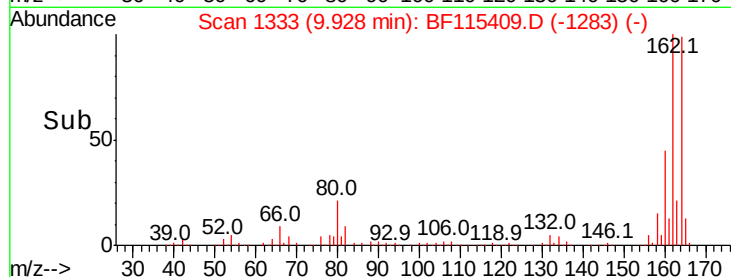
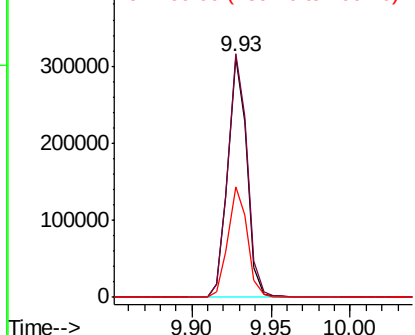
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF115409.D
Acq: 8 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tot Ion:164 Resp: 259582
Ion Ratio Lower Upper
164 100
162 101.3 80.6 121.0
160 46.1 37.0 55.6

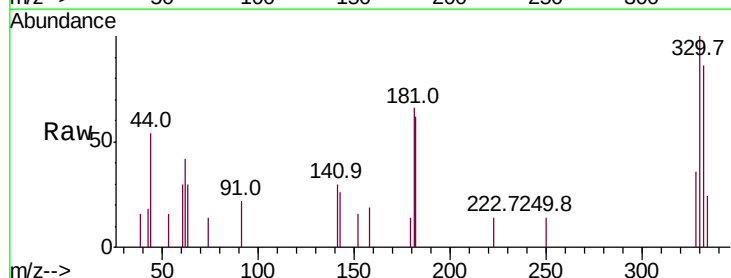


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

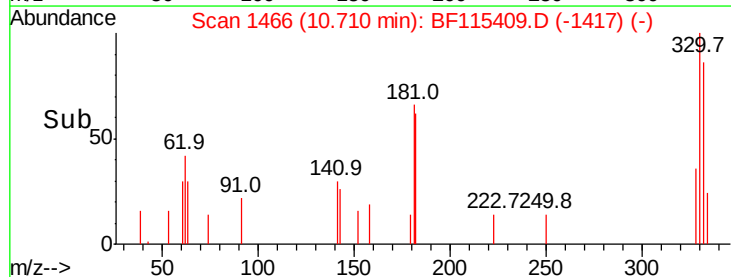
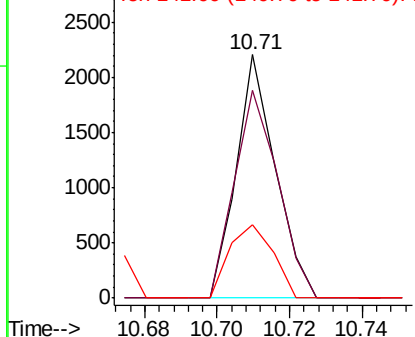


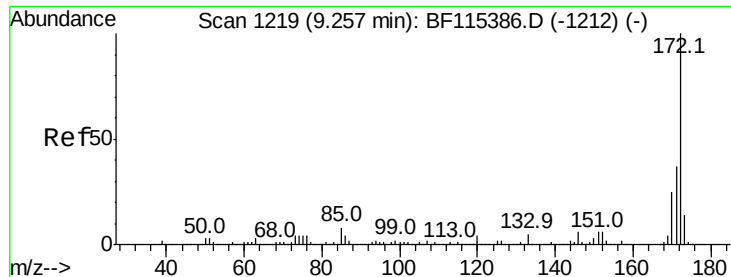
#42
2,4,6-Tribromophenol
Concen: 0.579 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF115409.D
Acq: 8 Jul 2019 16:54

Tgt Ion:330 Resp: 1661
Ion Ratio Lower Upper
330 100
332 94.3 76.3 114.5
141 33.5 27.0 40.4



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

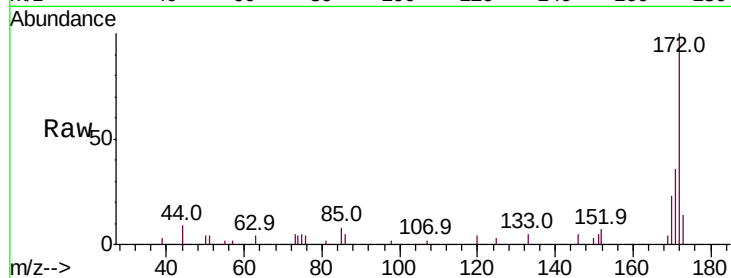




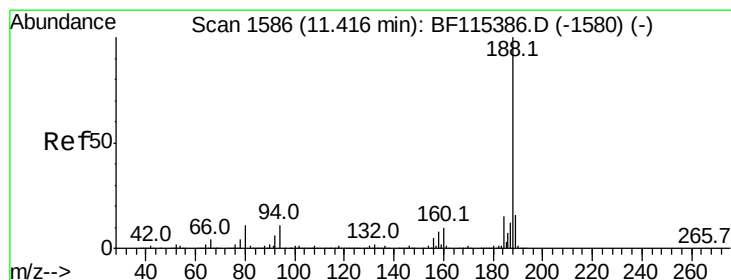
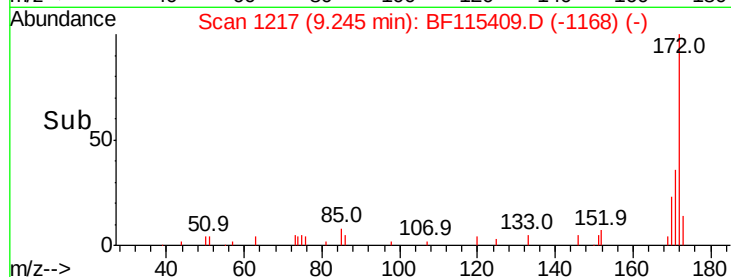
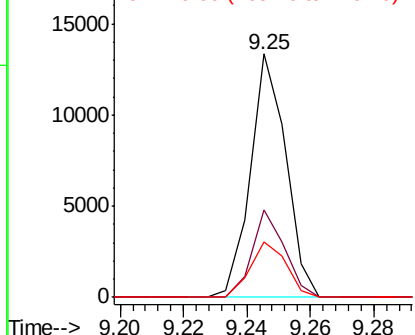
#45
2-Fluorobiphenyl
Concen: 0.700 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115409.D
Acq: 8 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tot Ion:172 Resp: 10357
Ion Ratio Lower Upper
172 100
171 35.7 29.8 44.8
170 22.6 20.2 30.4

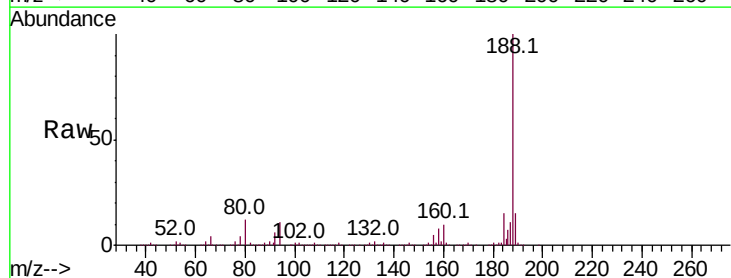


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

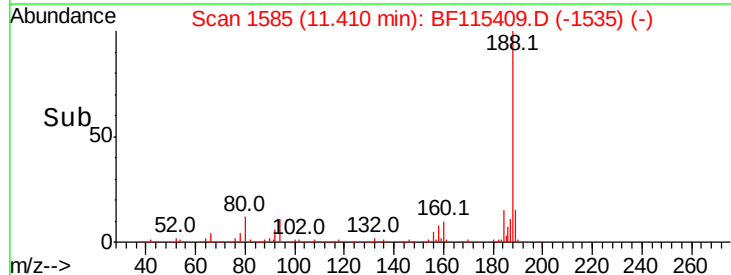
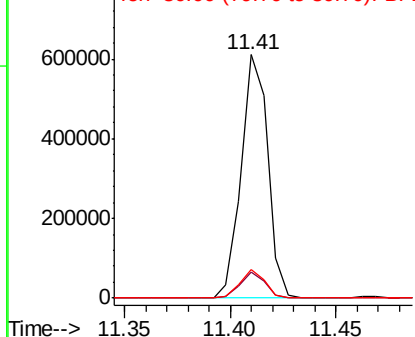


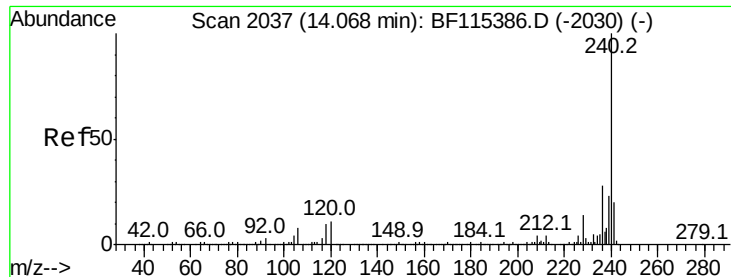
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF115409.D
Acq: 8 Jul 2019 16:54

Tgt Ion:188 Resp: 531392
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.6 9.1 13.7



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF115409.D

Acq: 8 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GWDL2

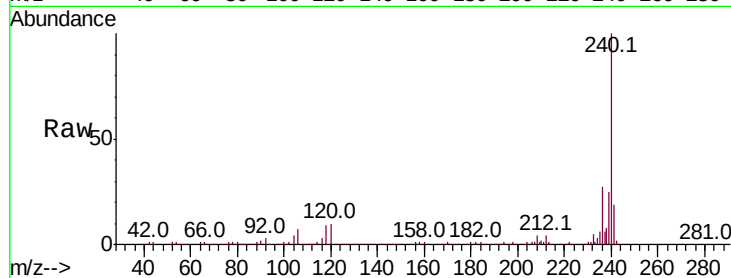
Tot Ion:240 Resp: 450556

Ion Ratio Lower Upper

240 100

120 10.0 9.1 13.7

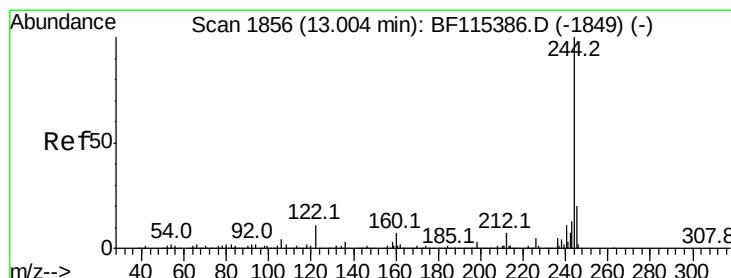
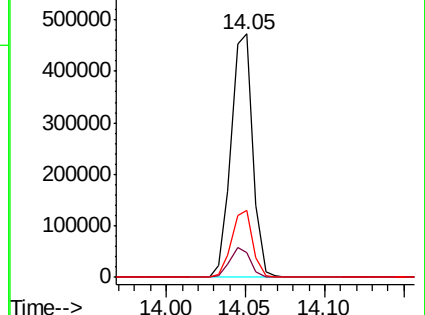
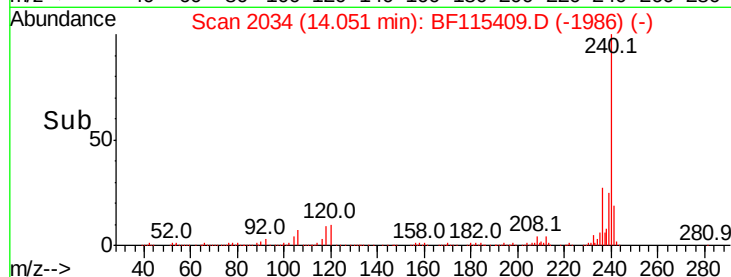
236 27.3 22.5 33.7



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: 0.671 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115409.D

Acq: 8 Jul 2019 16:54

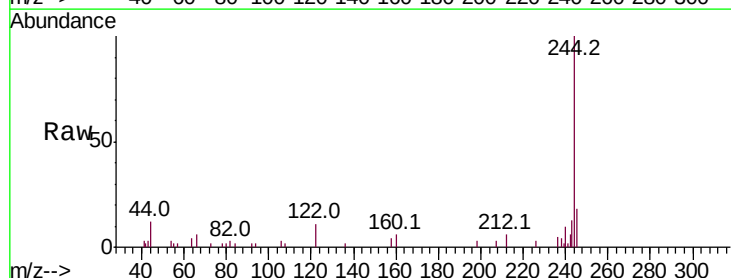
Tgt Ion:244 Resp: 14772

Ion Ratio Lower Upper

244 100

212 6.2 5.7 8.5

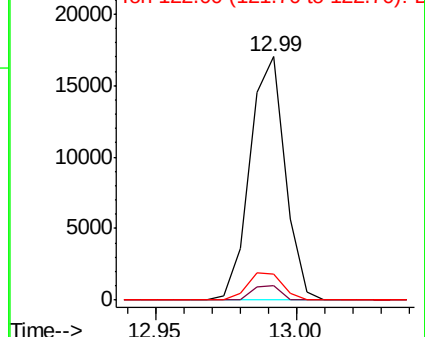
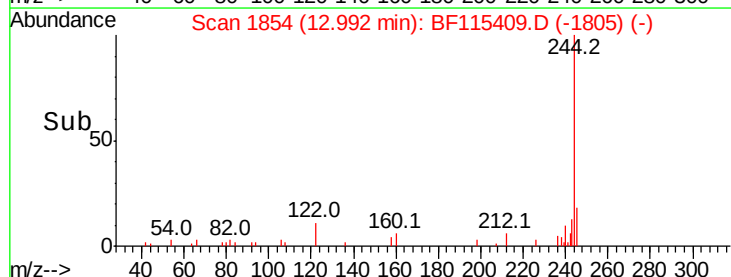
122 10.6 9.1 13.7

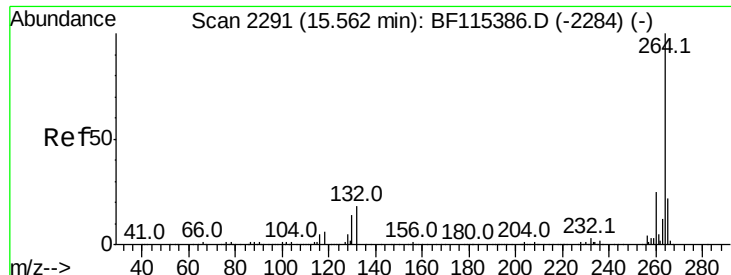


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

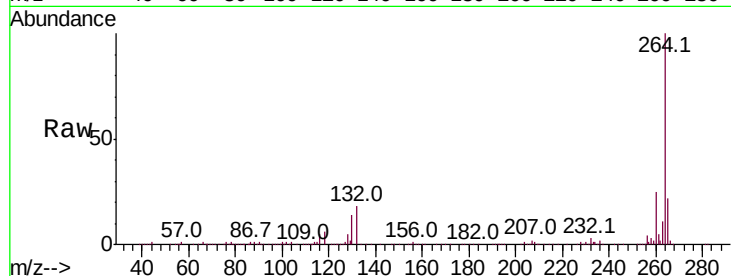




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. -0.03 min
 Lab File: BF115409.D
 Acq: 8 Jul 2019 16:54

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GWDL2

Tot Ion: 264 Resp: 445485
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.9 29.9
 265 21.9 17.4 26.2



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

