

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
 Data File : BF112289.D
 Acq On : 29 Jan 2019 11:27
 Operator : JU/SJ
 Sample : K1015-16RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 29 13:07:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

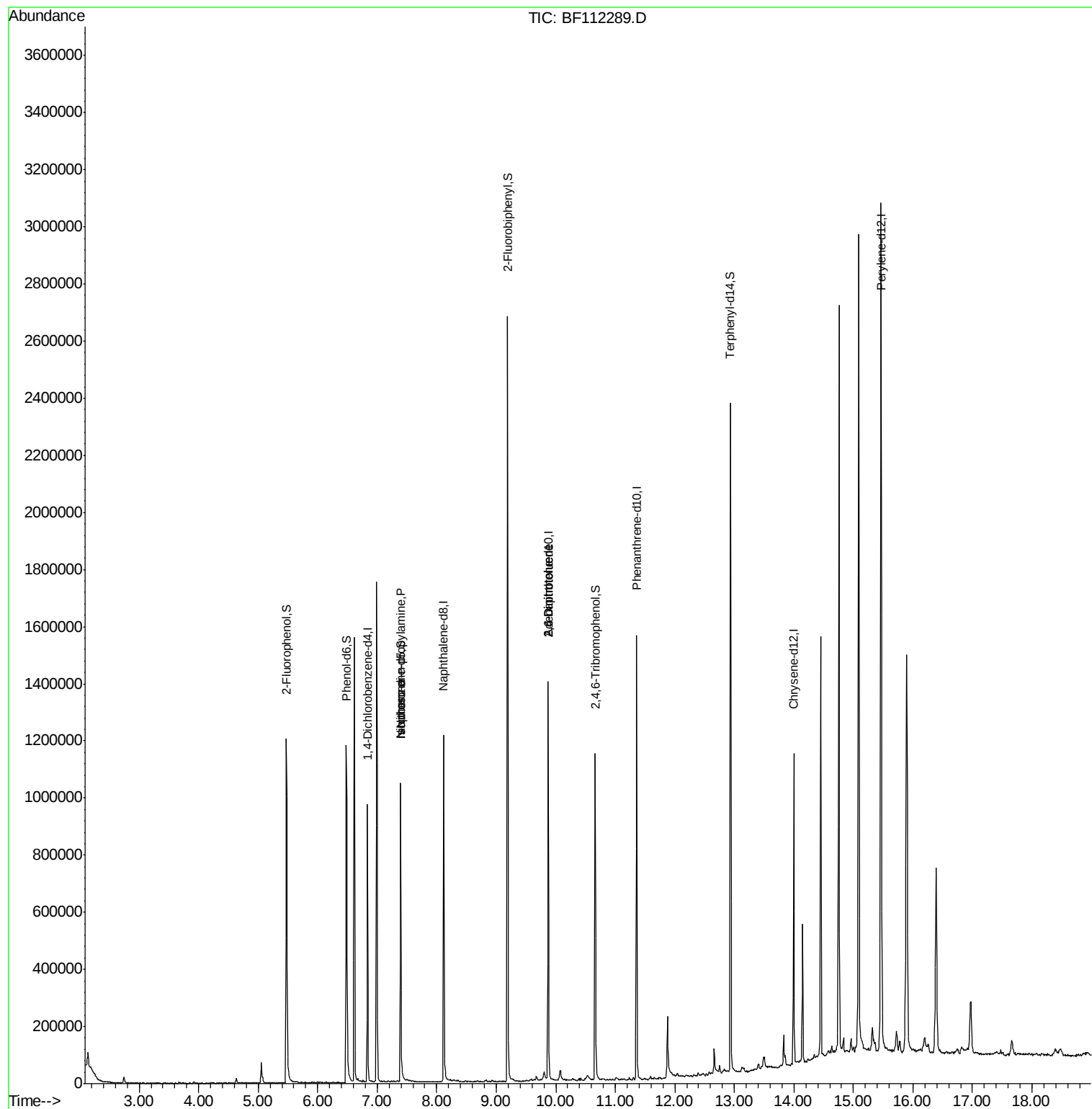
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	154505	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	600413	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	290287	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	539997	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	366585	20.00	ng	-0.01
87) Perylene-d12	15.46	264	332560	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	384438	52.85	ng	0.00
7) Phenol-d6	6.48	99	470030	46.50	ng	-0.01
23) Nitrobenzene-d5	7.39	82	385503	37.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	151784	44.92	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	836145	40.74	ng	-0.01
79) Terphenyl-d14	12.94	244	822336	42.25	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	50698	7.274	ng	# 78
25) Isophorone	7.39	82	385500	23.582	ng	# 64
51) 2,6-Dinitrotoluene	9.87	165	36883	7.302	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	36884	5.736	ng	# 32

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

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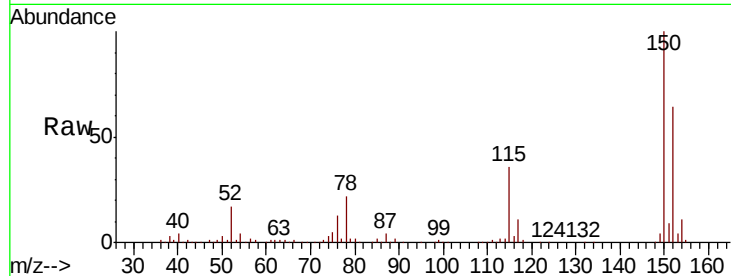


#1

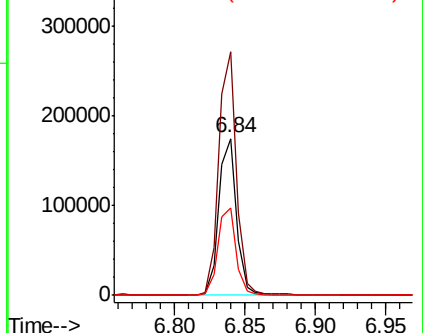
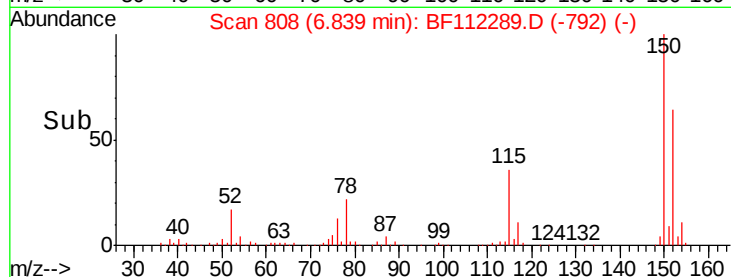
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112289.D
Acq: 29 Jan 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 154505
Ion Ratio Lower Upper
152 100
150 155.3 127.4 191.0
115 56.0 45.5 68.3



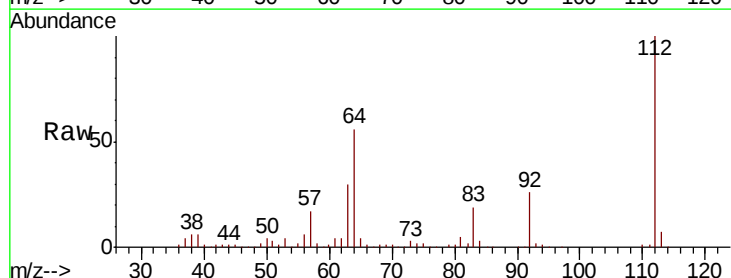
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



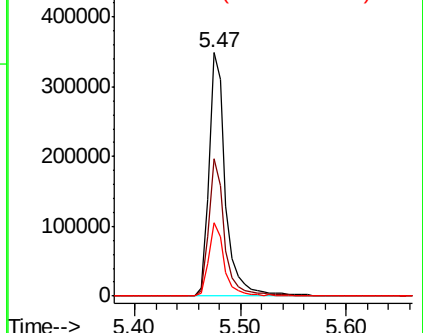
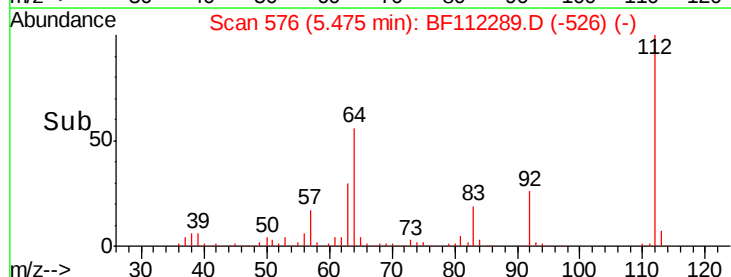
#5

2-Fluorophenol
Concen: 52.851 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112289.D
Acq: 29 Jan 2019 11:27

Tgt Ion:112 Resp: 384438
Ion Ratio Lower Upper
112 100
64 56.5 45.7 68.5
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: 46.503 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112289.D

Acq: 29 Jan 2019 11:27

Instrument :

BNA_G

ClientSampled :

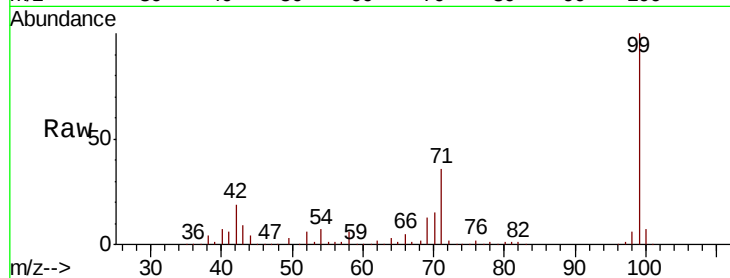
Tot Ion: 99 Resp: 470030

Ion Ratio Lower Upper

99 100

42 18.5 15.1 22.7

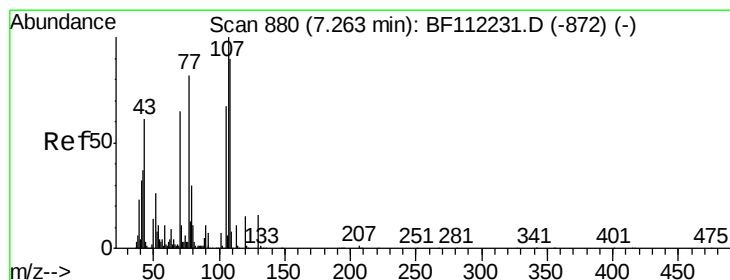
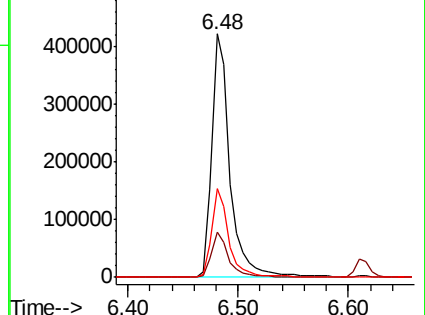
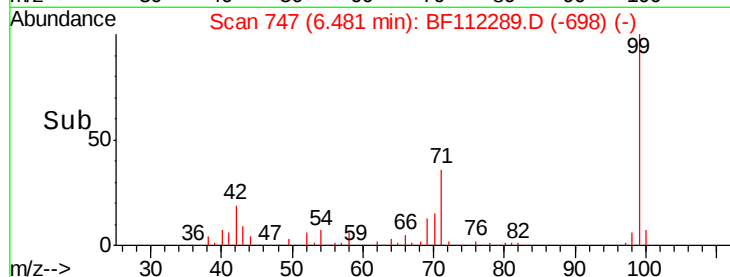
71 36.2 26.9 40.3



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: 7.274 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.13 min

Lab File: BF112289.D

Acq: 29 Jan 2019 11:27

Tgt Ion: 70 Resp: 50698

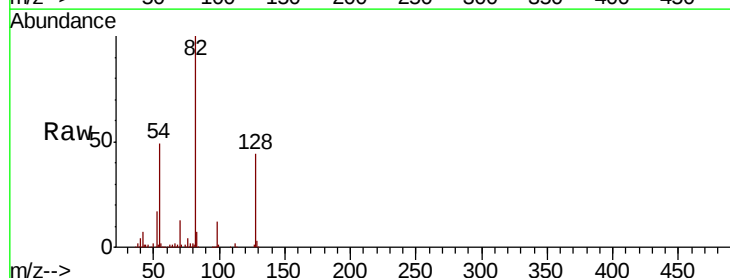
Ion Ratio Lower Upper

70 100

42 49.1 47.6 71.4

101 0.0 7.9 11.9#

130 2.2 18.4 27.6#

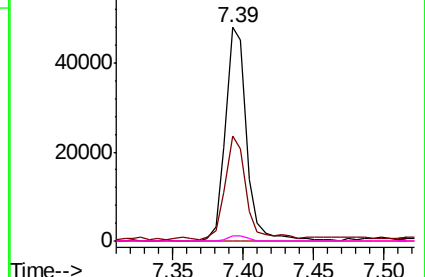
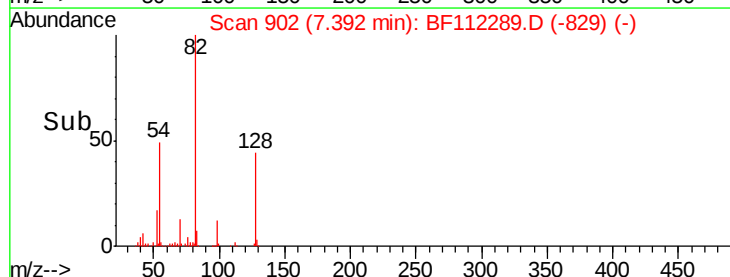


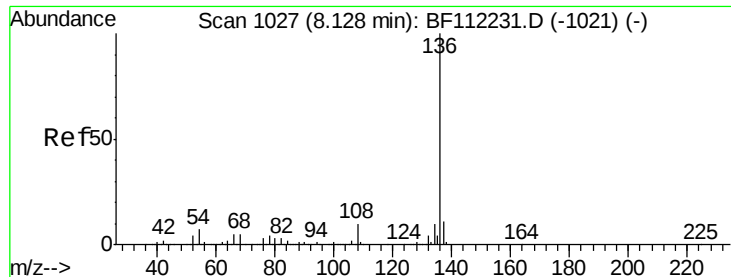
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

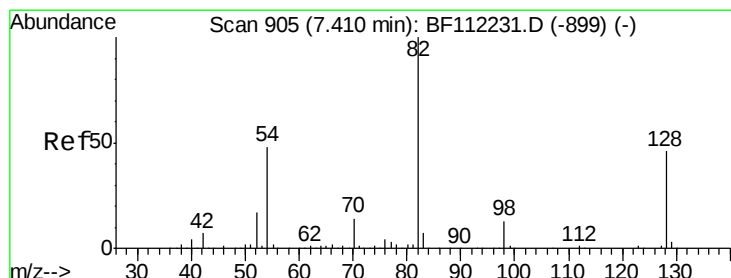
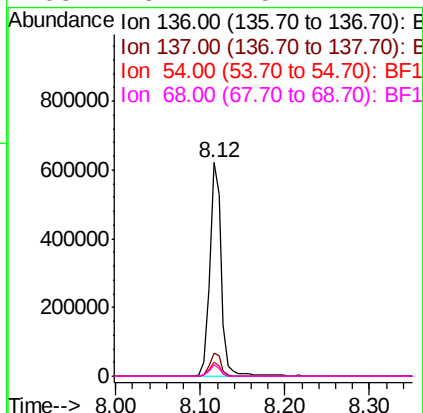
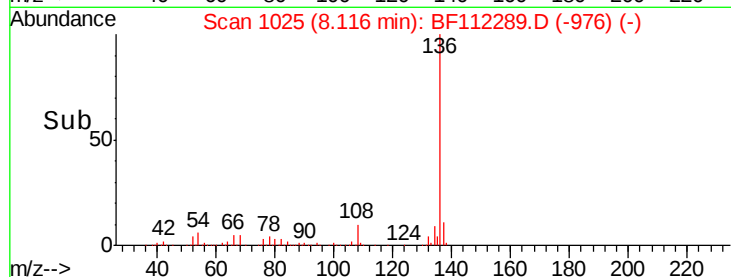
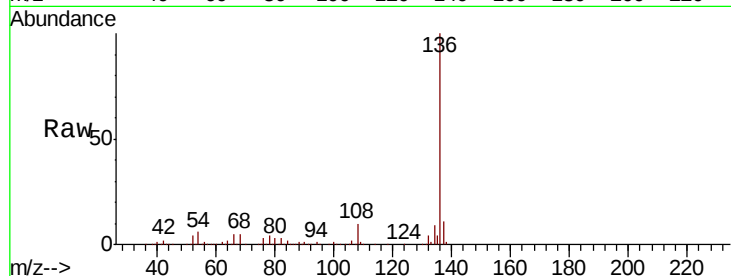




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112289.D
Acq: 29 Jan 2019 11:27

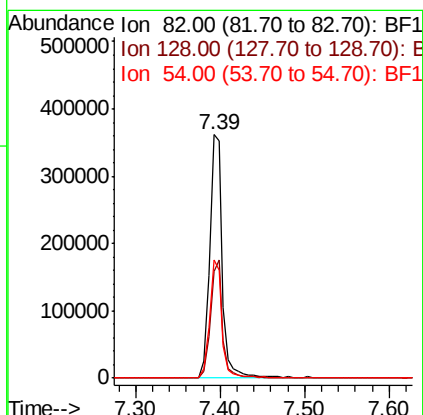
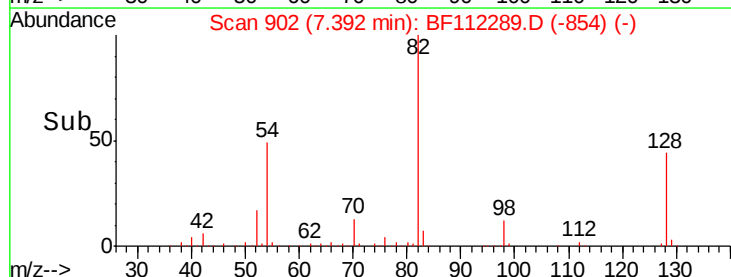
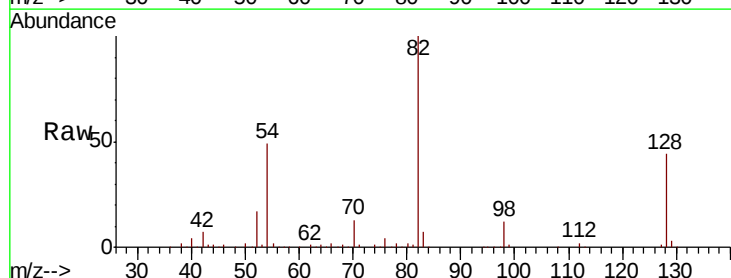
Instrument :
BNA_G
ClientSampleId :

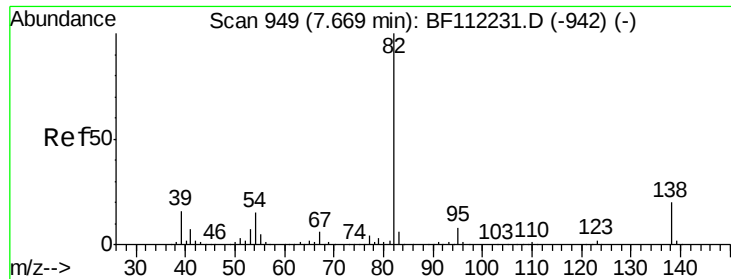
Tot Ion:136	Resp: 600413
Ion Ratio	Lower Upper
136 100	
137 10.9	9.1 13.7
54 6.4	5.9 8.9
68 5.2	5.1 7.7



#23
Nitrobenzene-d5
Concen: 36.996 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112289.D
Acq: 29 Jan 2019 11:27

Tgt Ion: 82	Resp: 385503
Ion Ratio	Lower Upper
82 100	
128 43.7	37.8 56.8
54 48.6	39.7 59.5





#25

Isophorone

Concen: 23.582 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.28 min

Lab File: BF112289.D

Acq: 29 Jan 2019 11:27

Instrument :

BNA_G

ClientSampled :

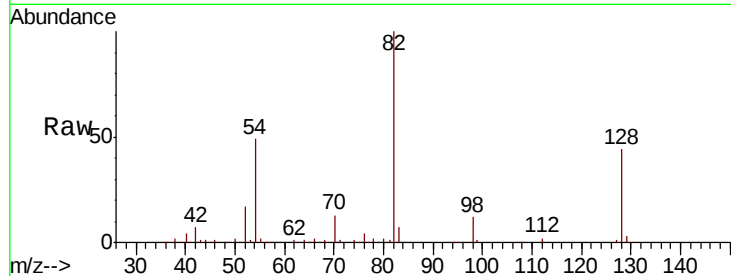
Tot Ion: 82 Resp: 385500

Ion Ratio Lower Upper

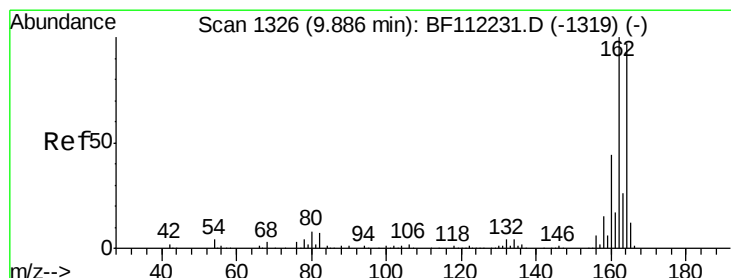
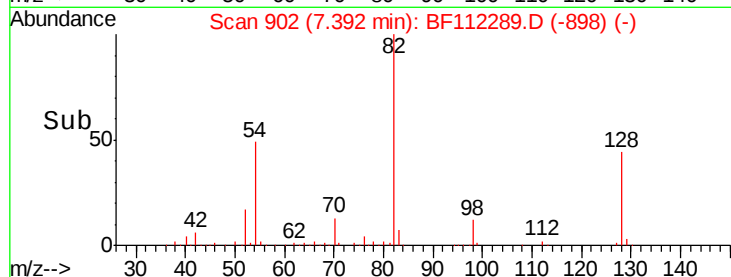
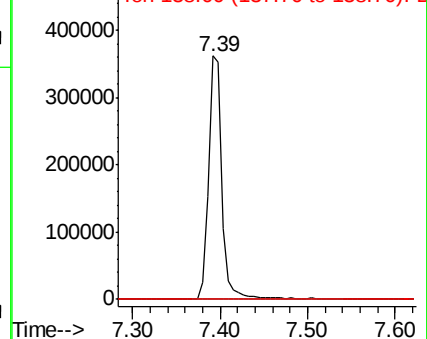
82 100

95 0.1 5.7 8.5#

138 0.0 15.4 23.0#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112289.D

Acq: 29 Jan 2019 11:27

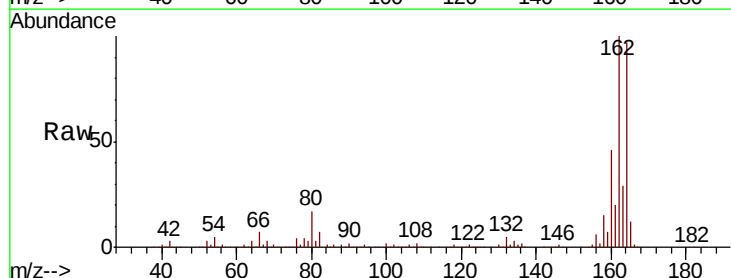
Tgt Ion: 164 Resp: 290287

Ion Ratio Lower Upper

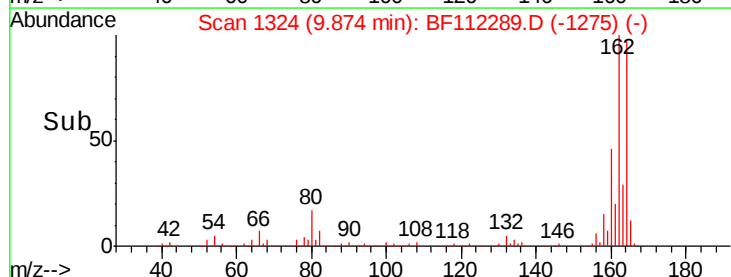
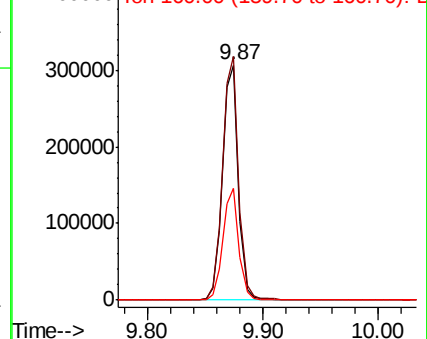
164 100

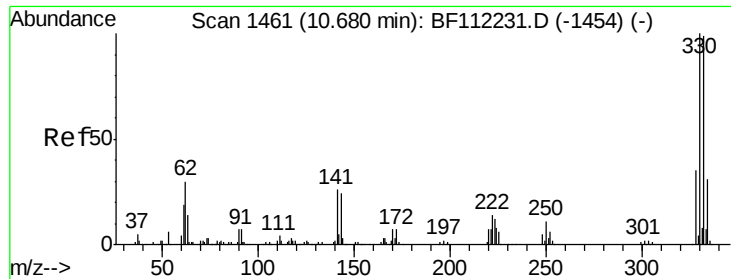
162 103.5 82.2 123.4

160 47.7 36.2 54.4



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

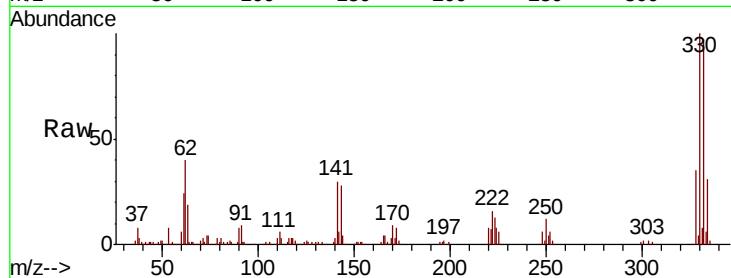




#42
 2,4,6-Tribromophenol
 Concen: 44.922 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112289.D
 Acq: 29 Jan 2019 11:27

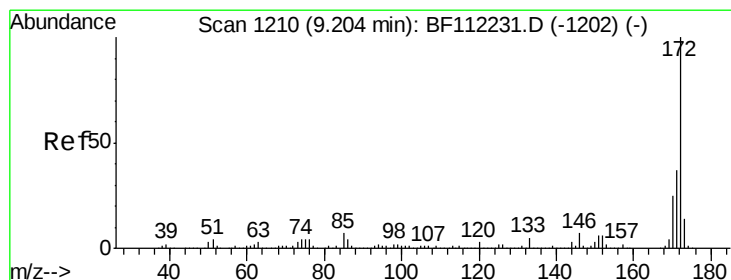
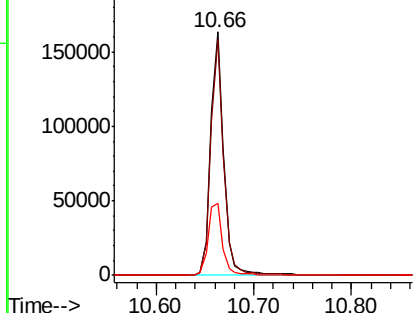
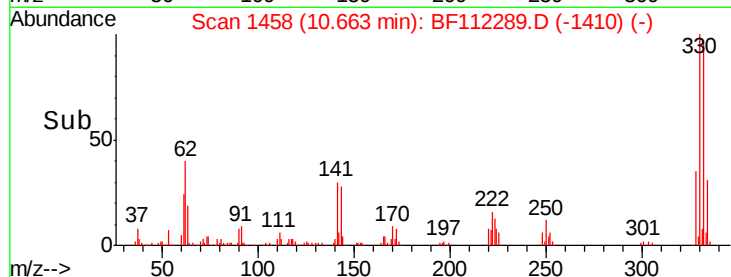
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	32.3	24.3	36.5



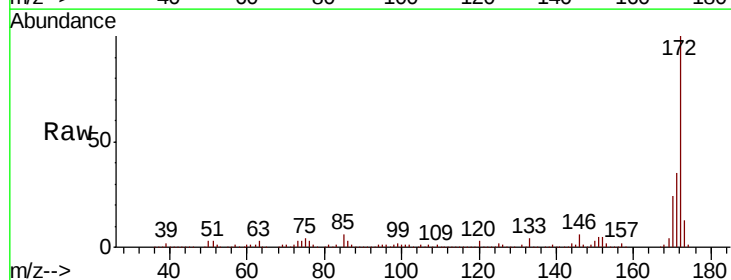
Abundance

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



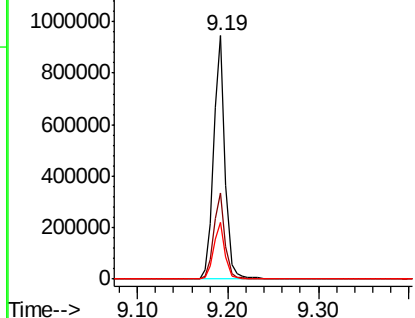
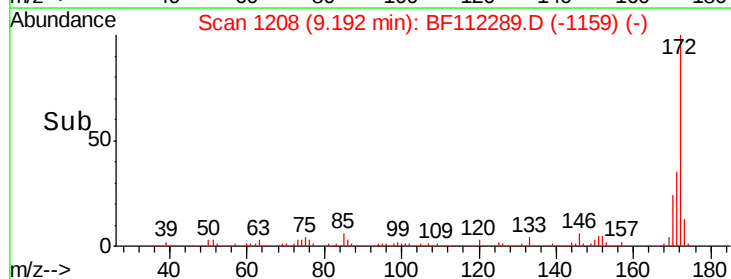
#45
 2-Fluorobiphenyl
 Concen: 40.739 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112289.D
 Acq: 29 Jan 2019 11:27

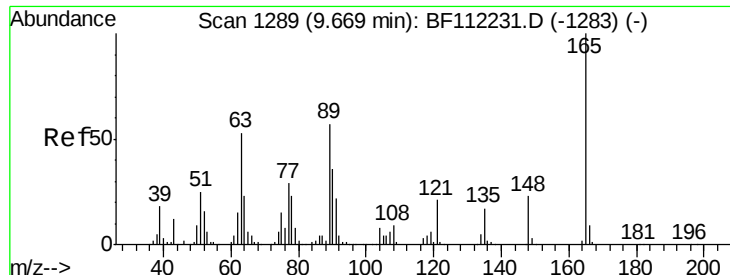
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.5	45.7
170	23.5	20.2	30.4



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





#51

2,6-Dinitrotoluene

Concen: 7.302 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF112289.D

Acq: 29 Jan 2019 11:27

Instrument :

BNA_G

ClientSampleId :

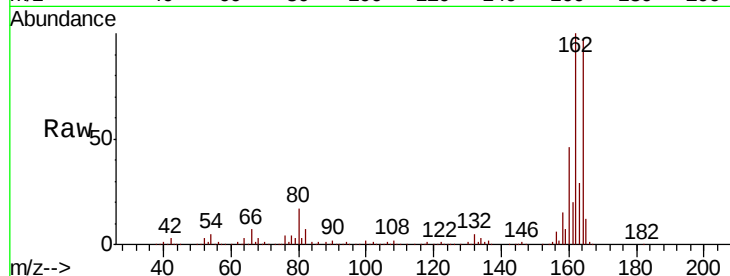
Tot Ion:165 Resp: 36883

Ion Ratio Lower Upper

165 100

63 1.4 33.8 50.8#

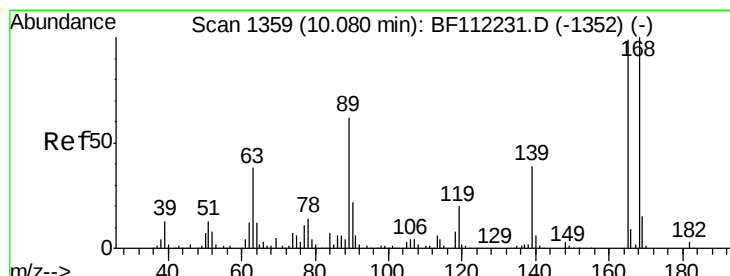
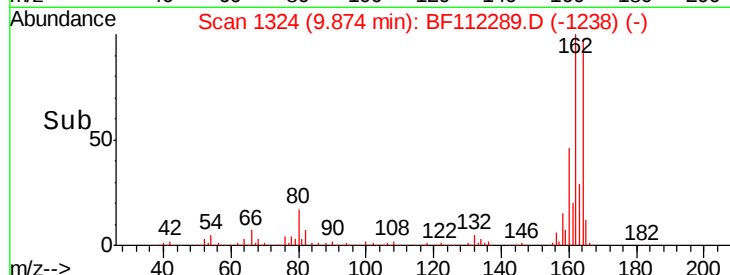
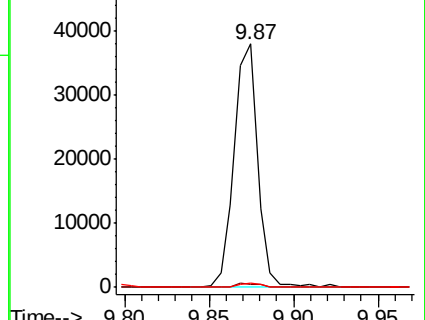
89 2.0 36.9 55.3#



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: 5.736 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF112289.D

Acq: 29 Jan 2019 11:27

Tgt Ion:165 Resp: 36884

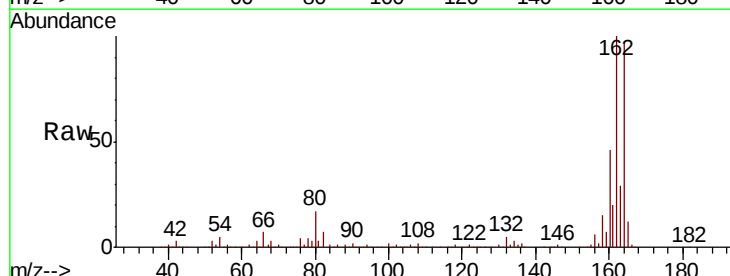
Ion Ratio Lower Upper

165 100

63 1.4 27.9 41.9#

89 2.0 47.9 71.9#

182 0.9 2.2 3.4#

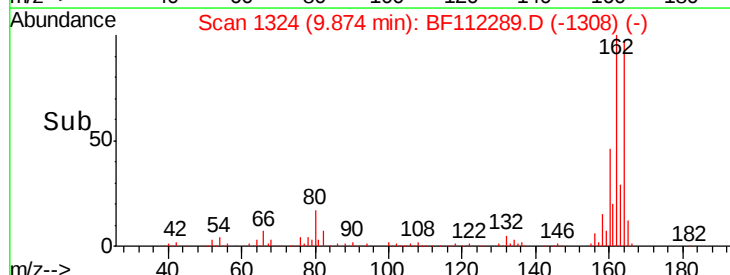
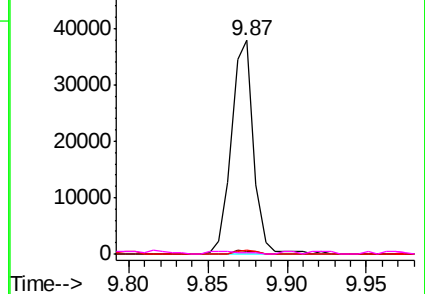


Abundance Ion 165.00 (164.70 to 165.70): E

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

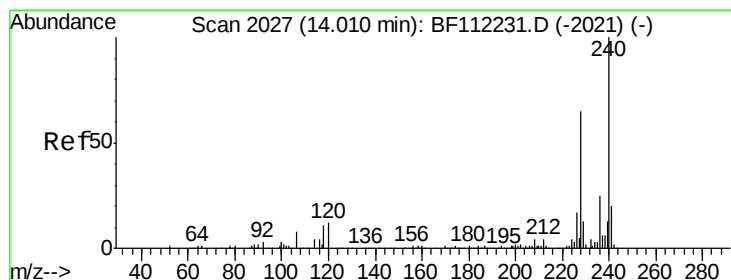
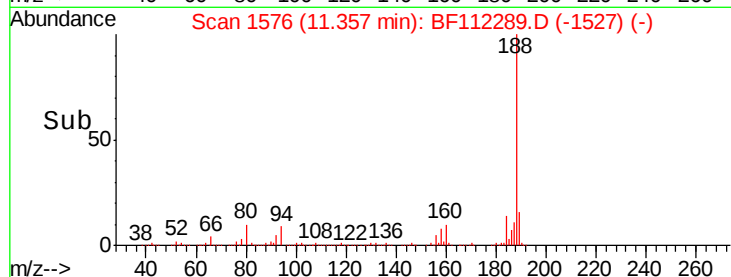
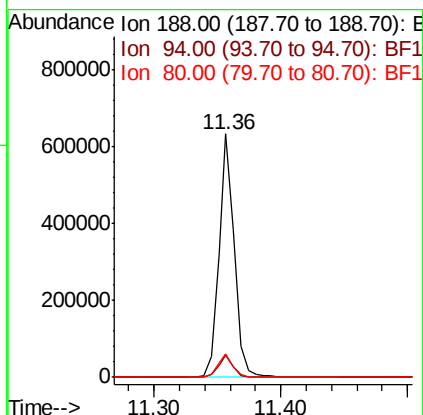
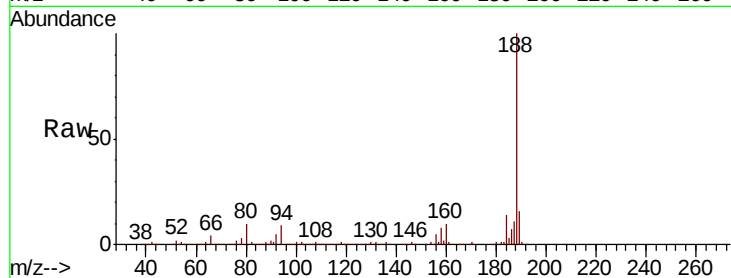




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112289.D
Acq: 29 Jan 2019 11:27

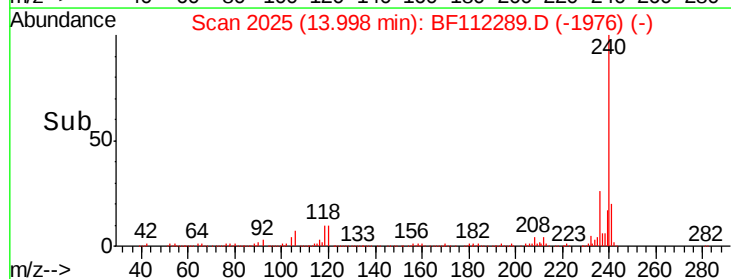
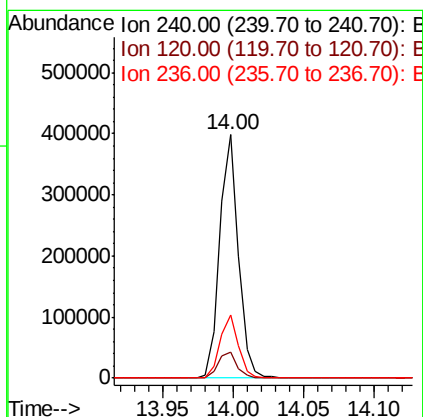
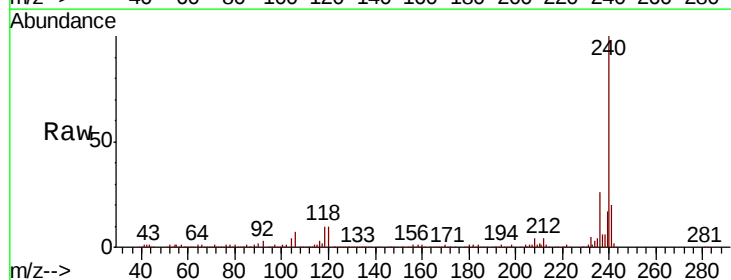
Instrument :
BNA_G
ClientSampleId :

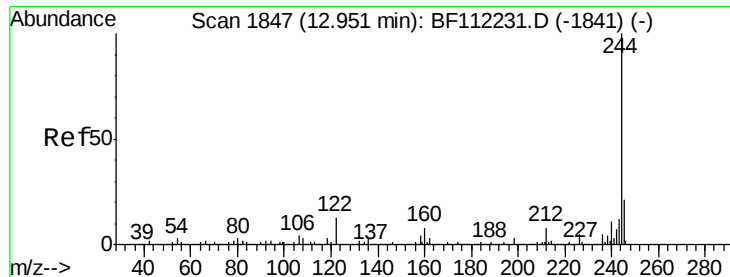
Tot Ion:188 Resp: 539997
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 9.8 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112289.D
Acq: 29 Jan 2019 11:27

Tgt Ion:240 Resp: 366585
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.6
236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 42.250 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112289.D

Acq: 29 Jan 2019 11:27

Instrument :

BNA_G

ClientSampled :

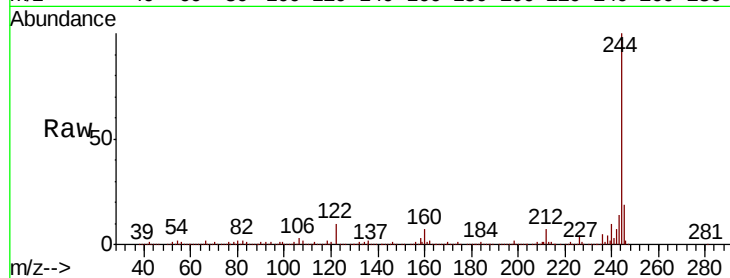
Tot Ion:244 Resp: 822336

Ion Ratio Lower Upper

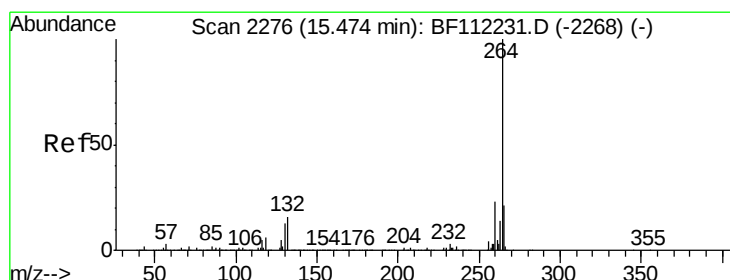
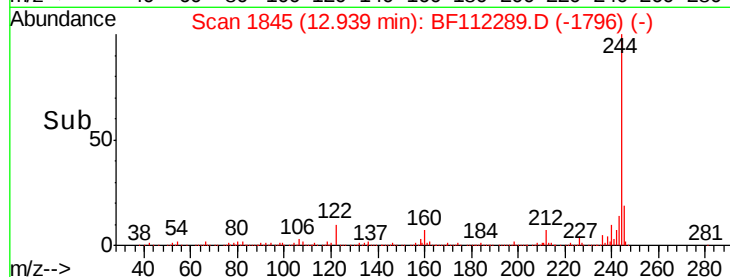
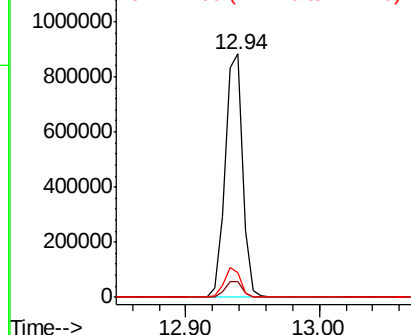
244 100

212 6.6 5.9 8.9

122 10.3 9.8 14.6



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF112289.D

Acq: 29 Jan 2019 11:27

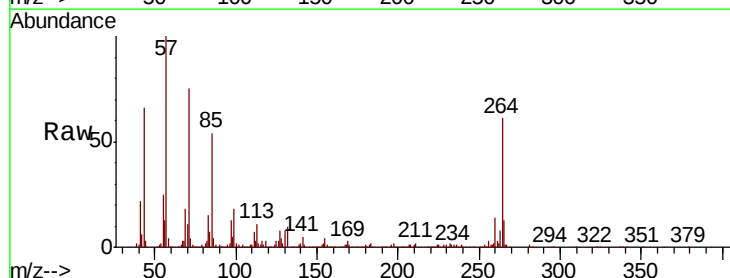
Tgt Ion:264 Resp: 332560

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.2

265 20.8 17.0 25.4



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

