

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108200.D
 Acq On : 16 Aug 2018 17:37
 Operator : JU/SJ
 Sample : J4486-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ202

Quant Time: Aug 16 18:59:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

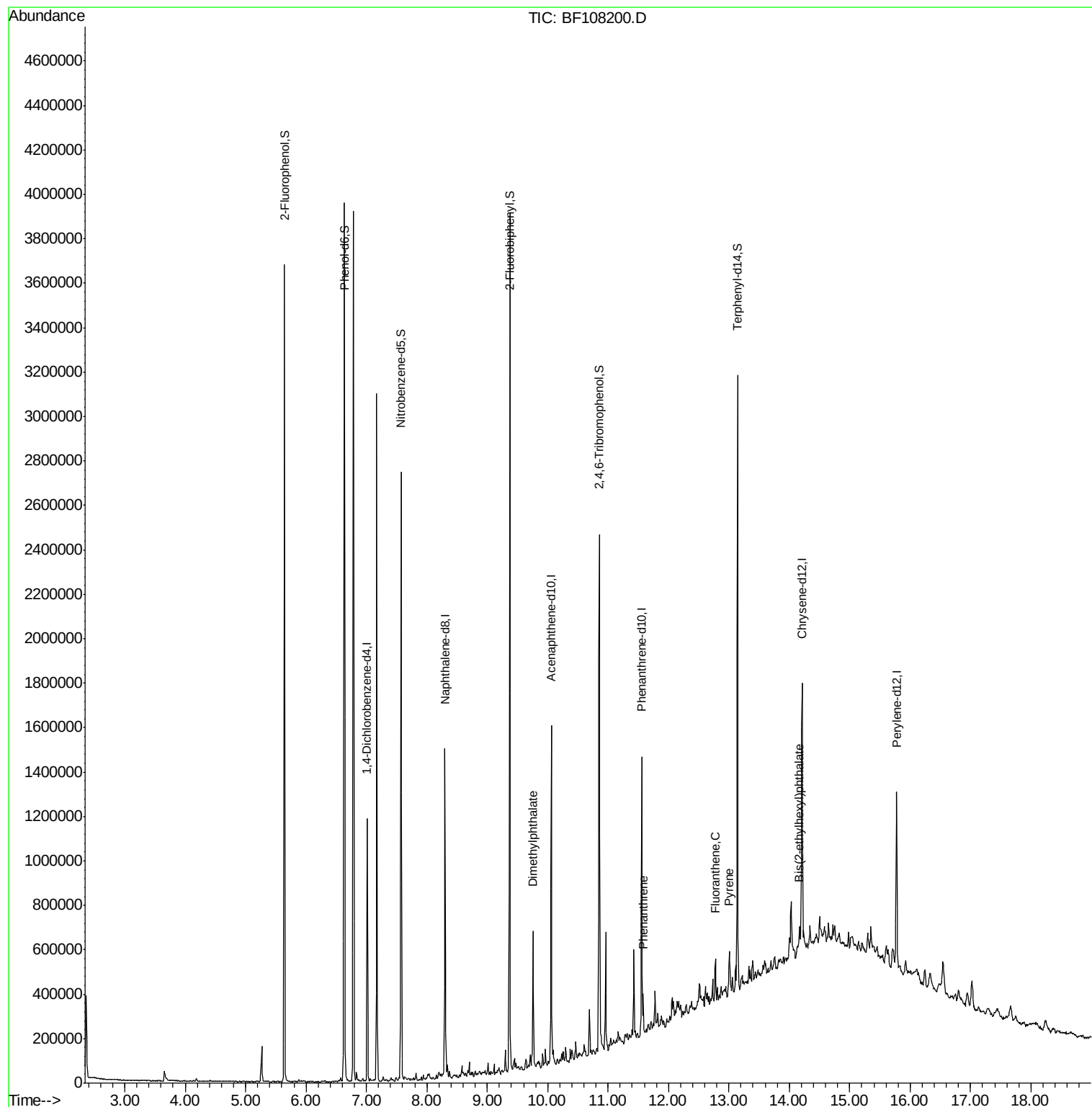
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	171141	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	630499	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	285001	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	456571	20.00	ng	0.00
75) Chrysene-d12	14.21	240	416322	20.00	ng	0.00
86) Perylene-d12	15.78	264	378868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	976810	103.33	ng	0.01
7) Phenol-d6	6.64	99	1290526	102.74	ng	0.00
23) Nitrobenzene-d5	7.58	82	840412	74.38	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	273720	96.28	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1138550	64.14	ng	0.00
78) Terphenyl-d14	13.14	244	879875	53.74	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.76	163	154900	7.802	ng	Qvalue # 98
70) Phenanthrene	11.58	178	63948	2.970	ng	98
74) Fluoranthene	12.78	202	73373	3.122	ng	95
77) Pyrene	13.01	202	73192	2.777	ng	98
83) Bis(2-ethylhexyl)phthalate	14.17	149	30397	2.145	ng	# 95

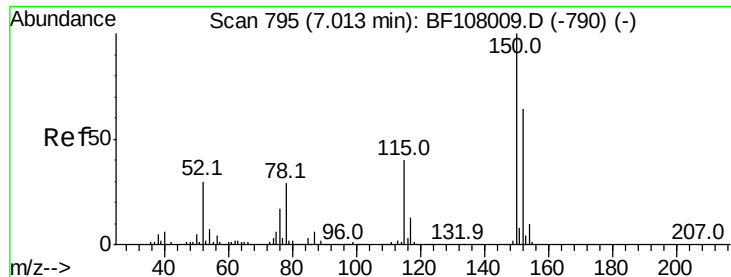
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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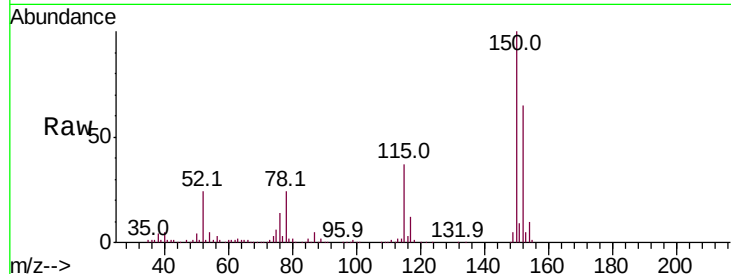


#1

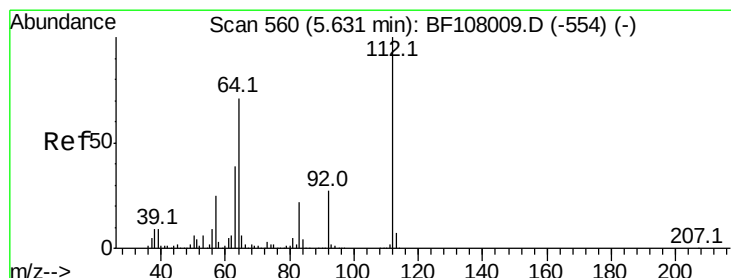
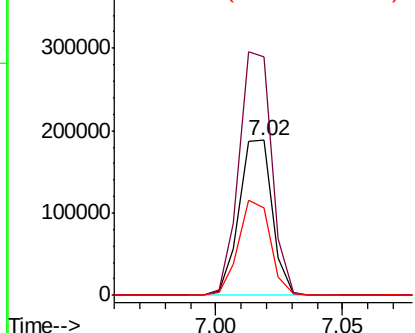
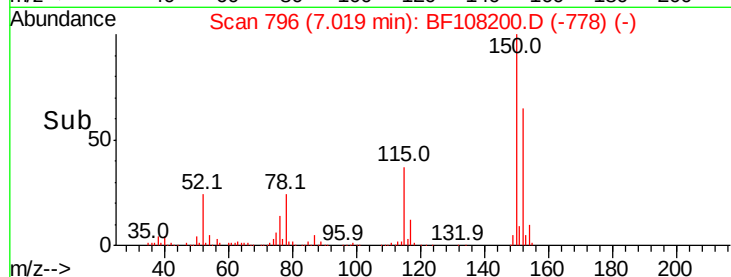
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108200.D
Acq: 16 Aug 2018 17:37

Instrument :
BNA_F
ClientSampleId :
VNJ202

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	56.3	50.1	75.1



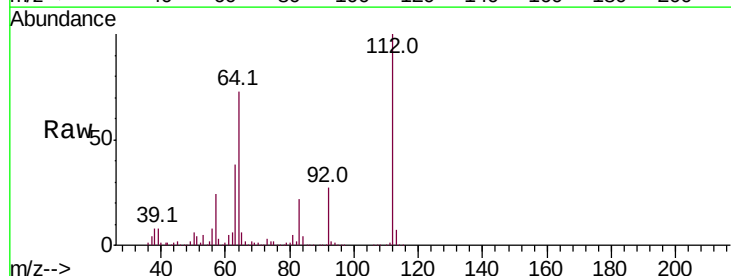
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



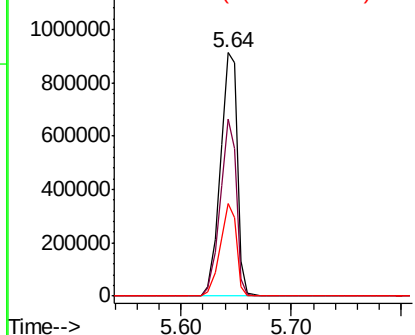
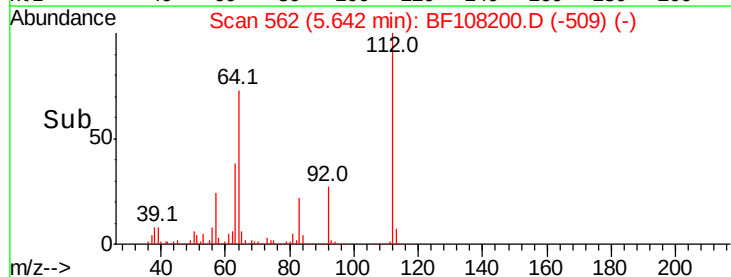
#5

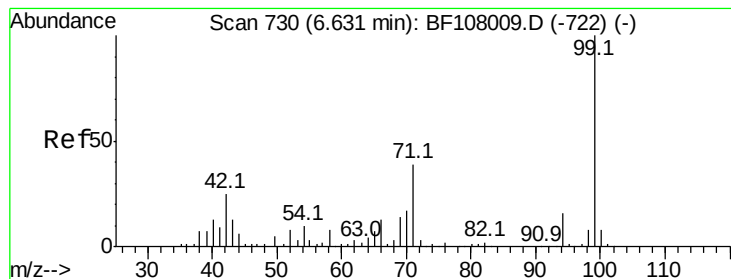
2-Fluorophenol
Concen: 103.334 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108200.D
Acq: 16 Aug 2018 17:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.7	47.9	71.9#
63	38.3	23.7	35.5#



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: 102.735 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108200.D

Acq: 16 Aug 2018 17:37

Instrument :

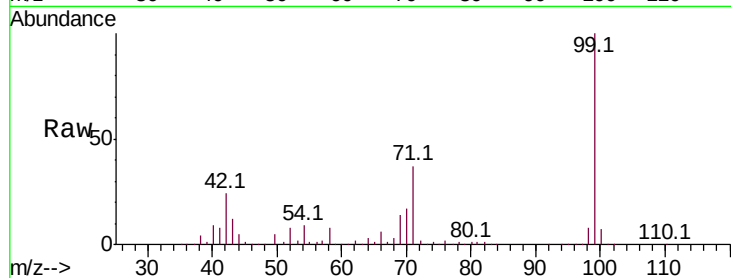
BNA_F

ClientSampleId :

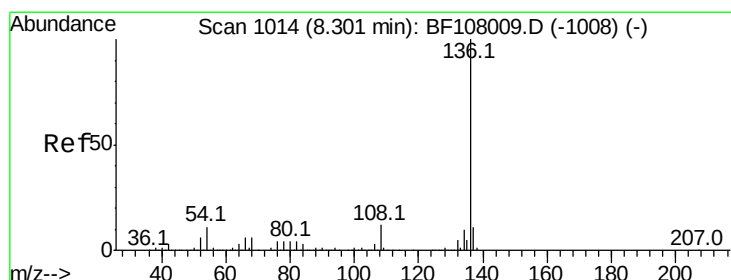
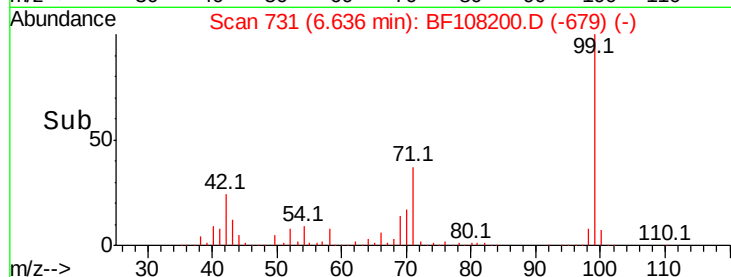
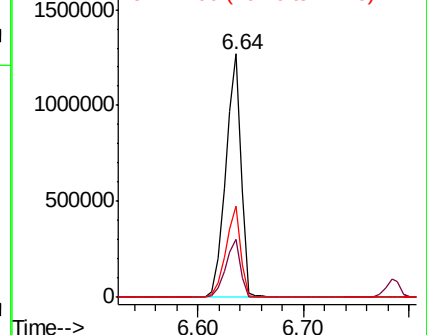
VNJ202

Tot Ion: 99 Resp: 1290526

Ion	Ratio	Lower	Upper
99	100		
42	23.6	14.5	21.7#
71	37.3	25.4	38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

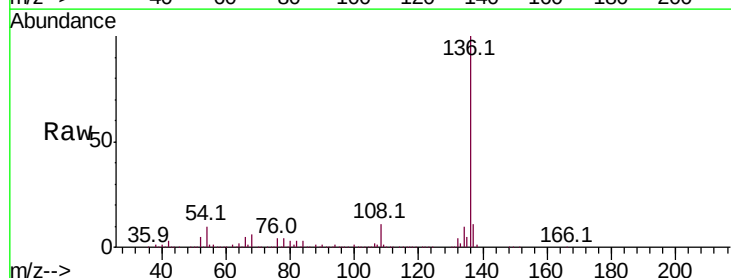
Delta R.T. -0.00 min

Lab File: BF108200.D

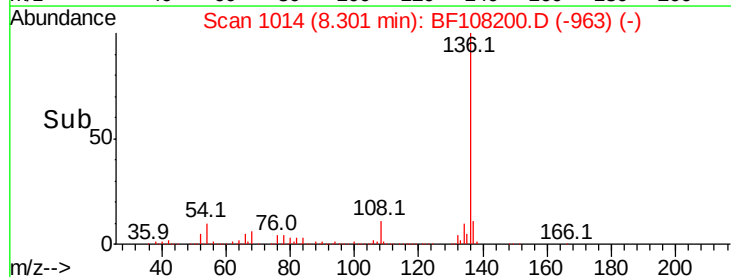
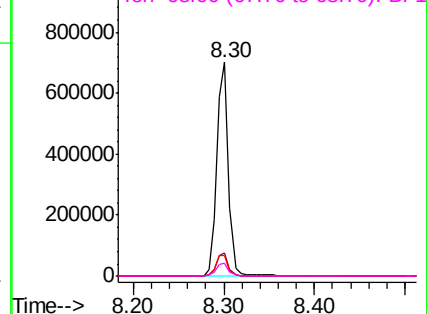
Acq: 16 Aug 2018 17:37

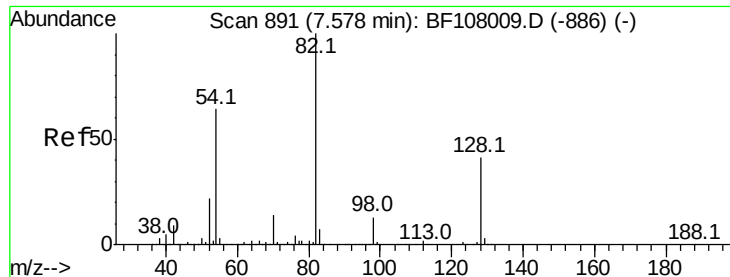
Tgt Ion: 136 Resp: 630499

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.7	6.6	9.8
68	5.9	5.0	7.4



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: 74.380 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF108200.D

Acq: 16 Aug 2018 17:37

Instrument :

BNA_F

ClientSampleId :

VNJ202

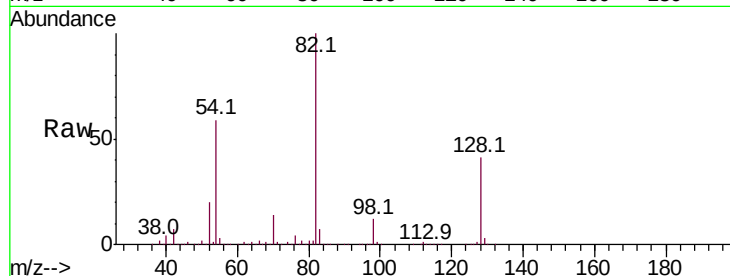
Tot Ion: 82 Resp: 840412

Ion Ratio Lower Upper

82 100

128 41.5 36.1 54.1

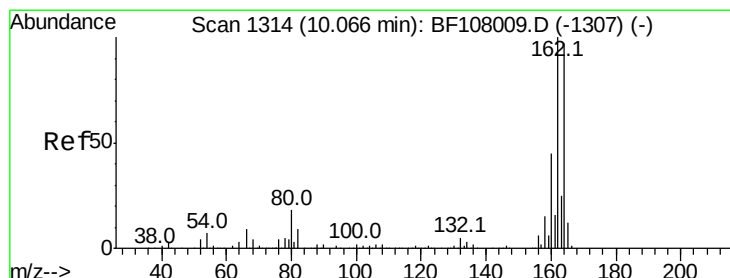
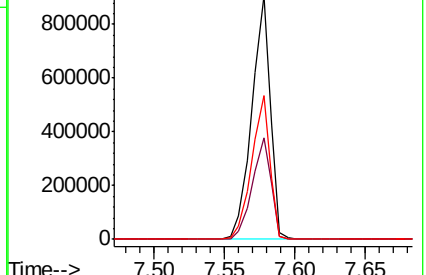
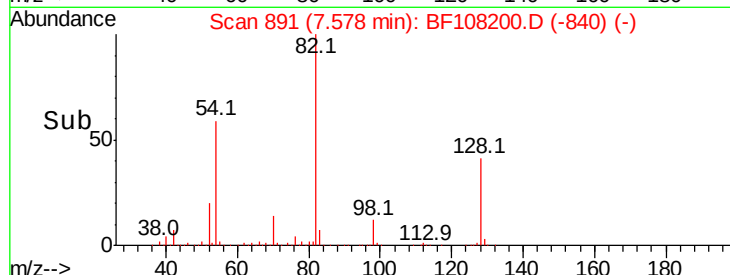
54 59.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF108200.D

Acq: 16 Aug 2018 17:37

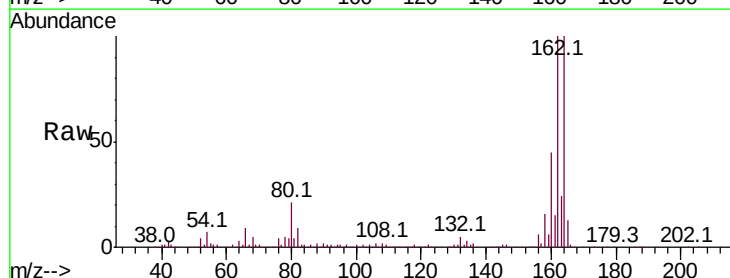
Tgt Ion: 164 Resp: 285001

Ion Ratio Lower Upper

164 100

162 100.4 86.1 129.1

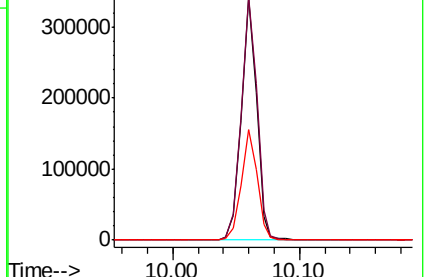
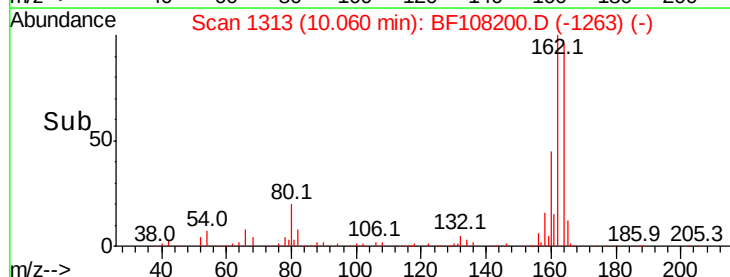
160 45.6 38.3 57.5

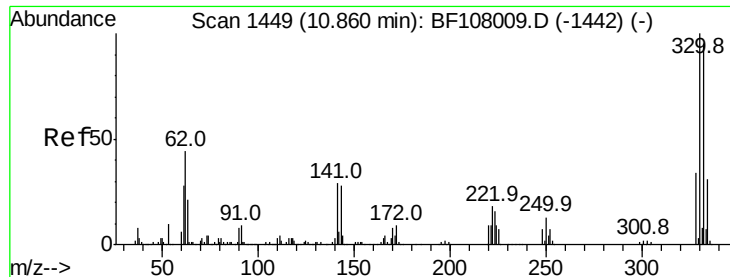


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

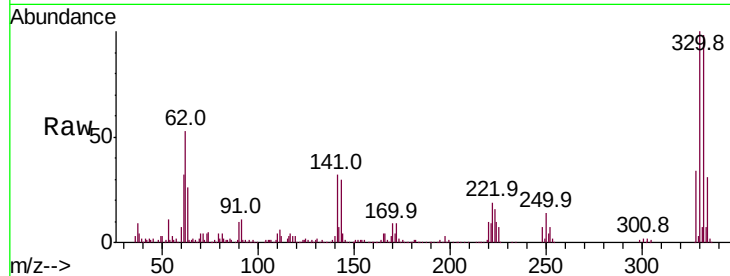




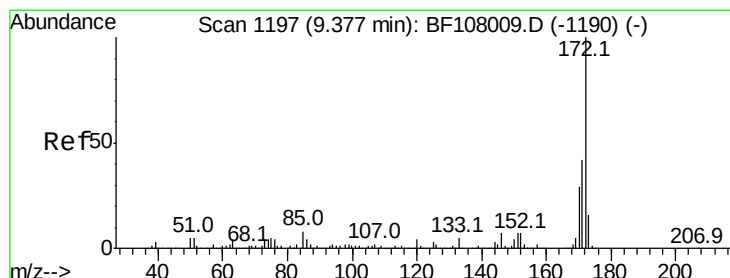
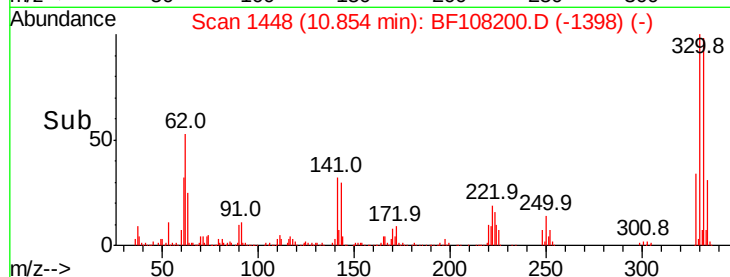
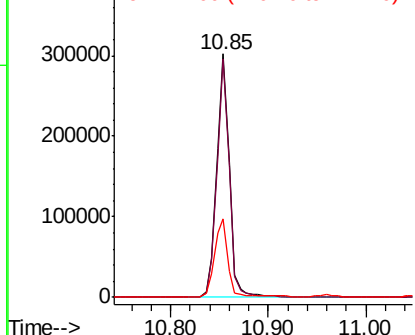
#41
 2,4,6-Tribromophenol
 Concen: 96.285 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108200.D
 Acq: 16 Aug 2018 17:37

Instrument :
 BNA_F
 ClientSampled :
 VNJ202

Tot Ion:330 Resp: 273720
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 33.3 29.9 44.9

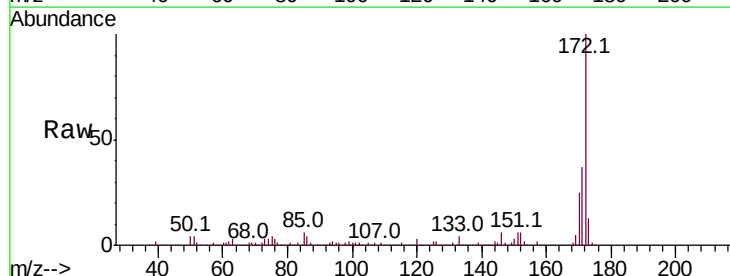


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

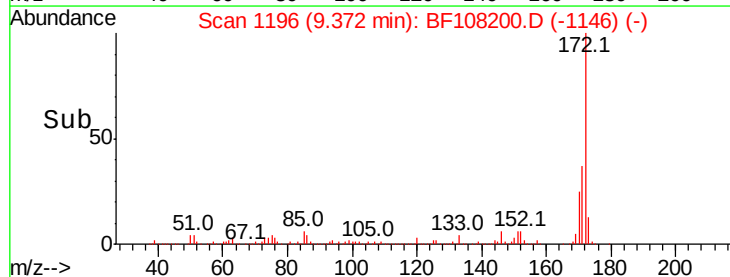
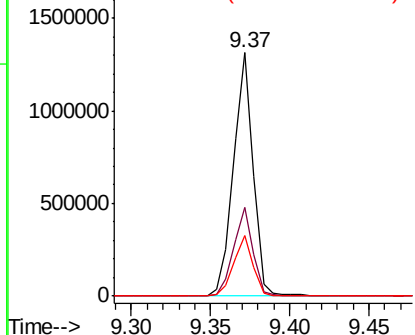


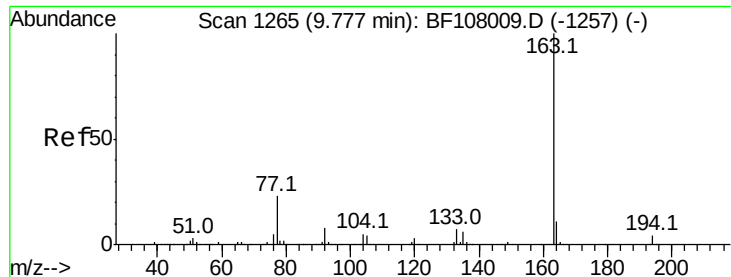
#44
 2-Fluorobiphenyl
 Concen: 64.137 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108200.D
 Acq: 16 Aug 2018 17:37

Tgt Ion:172 Resp: 1138550
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.7 19.6 29.4



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

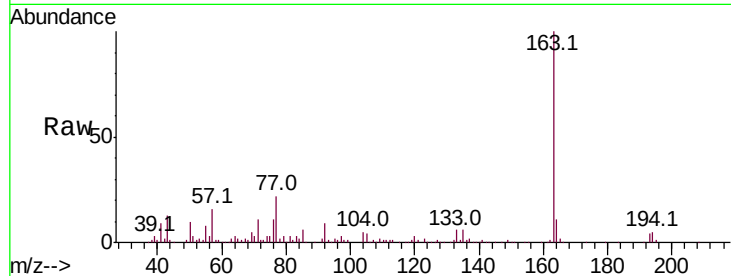




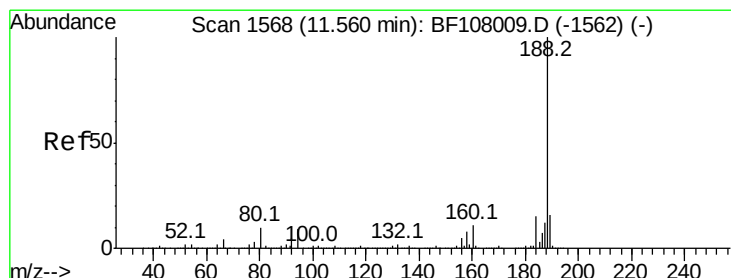
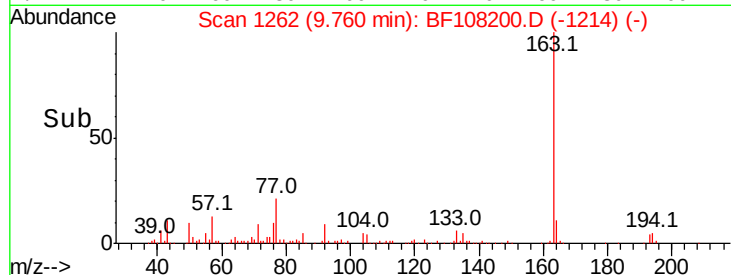
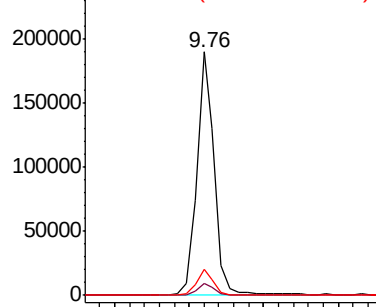
#49
Dimethylphthalate
Concen: 7.802 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108200.D
Acq: 16 Aug 2018 17:37

Instrument :
BNA_F
ClientSampleId :
VNJ202

Tot Ion:163 Resp: 154900
Ion Ratio Lower Upper
163 100
194 4.9 2.7 4.1#
164 10.6 8.2 12.2

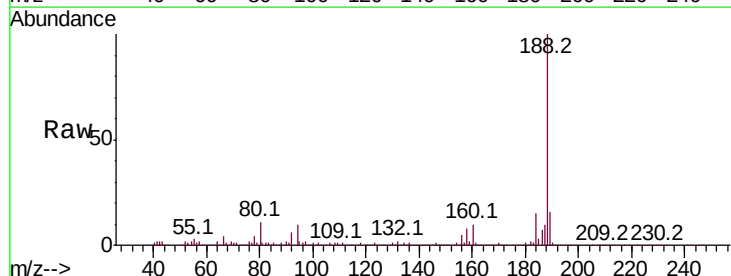


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

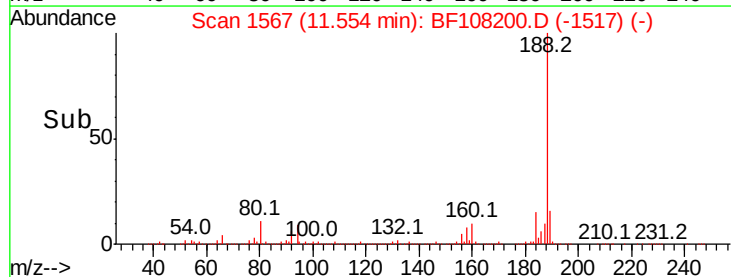
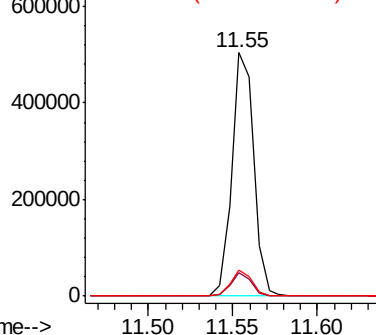


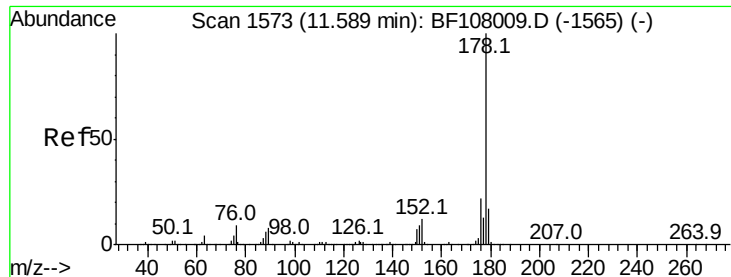
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108200.D
Acq: 16 Aug 2018 17:37

Tgt Ion:188 Resp: 456571
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.7 9.2 13.8



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

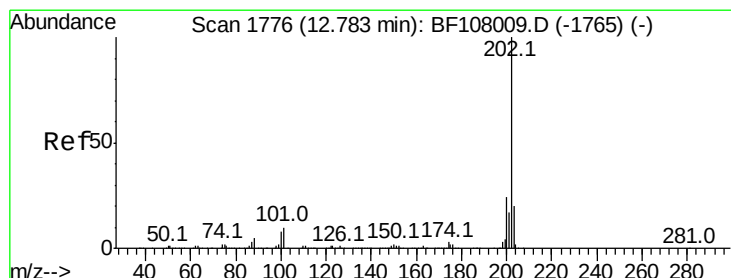
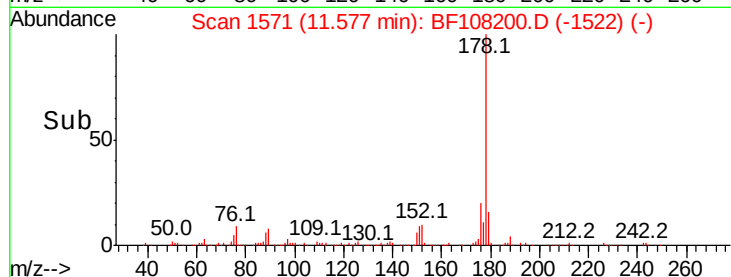
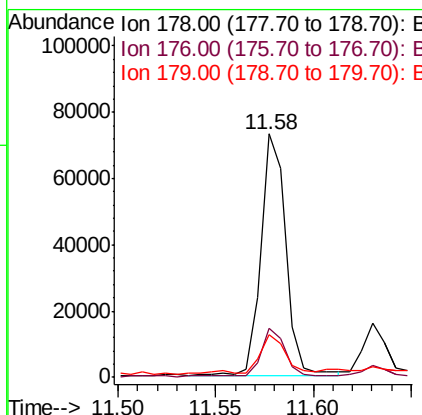
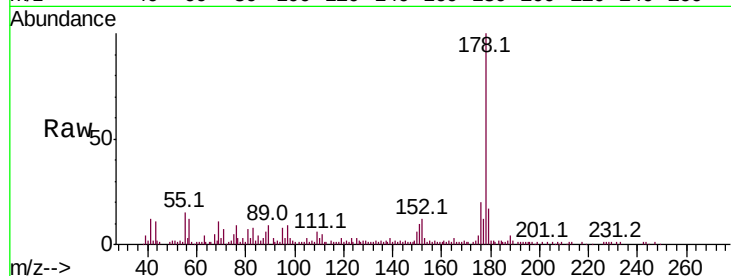




#70
Phenanthrene
Concen: 2.970 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF108200.D
Acq: 16 Aug 2018 17:37

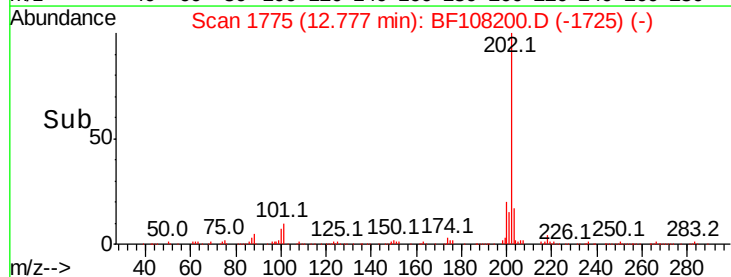
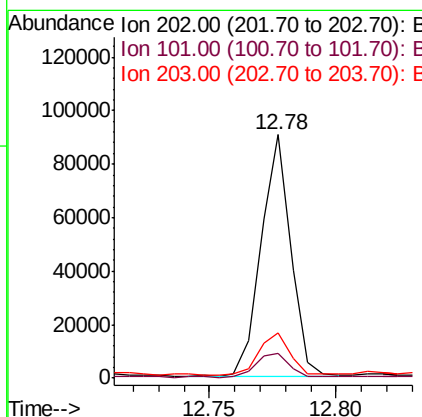
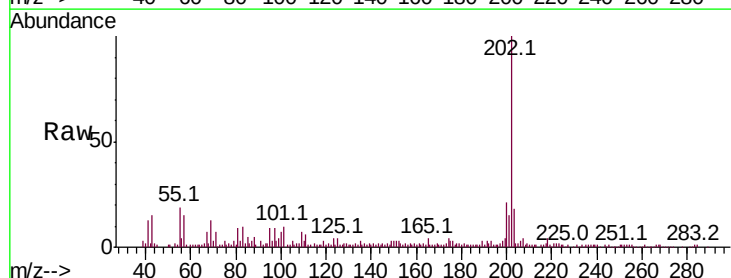
Instrument :
BNA_F
ClientSampleId :
VNJ202

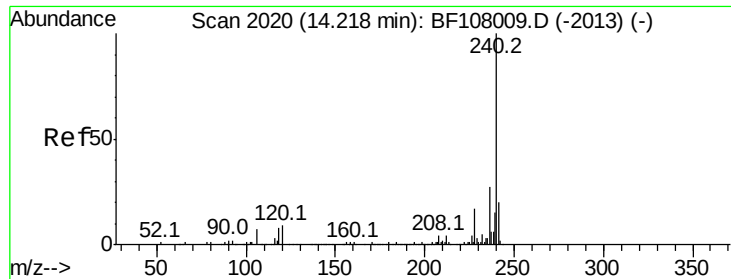
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	17.4	13.0	19.6



#74
Fluoranthene
Concen: 3.122 ng
RT: 12.78 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF108200.D
Acq: 16 Aug 2018 17:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	34.1
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108200.D

Acq: 16 Aug 2018 17:37

Instrument :

BNA_F

ClientSampleId :

VNJ202

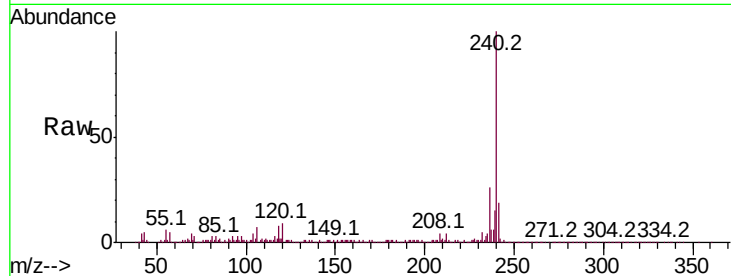
Tot Ion:240 Resp: 416322

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

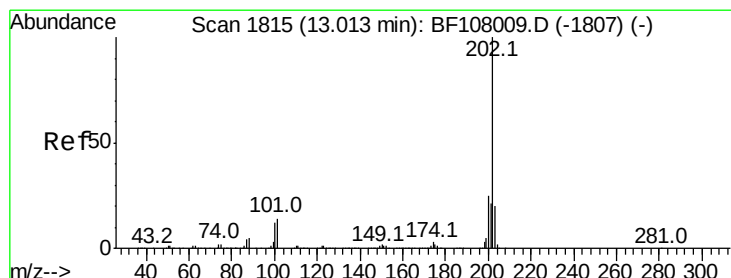
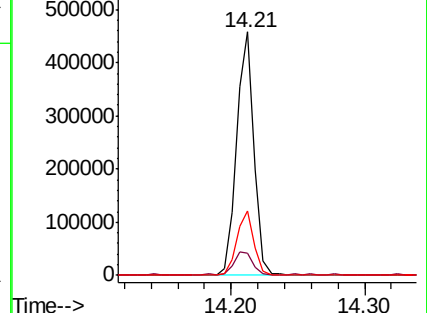
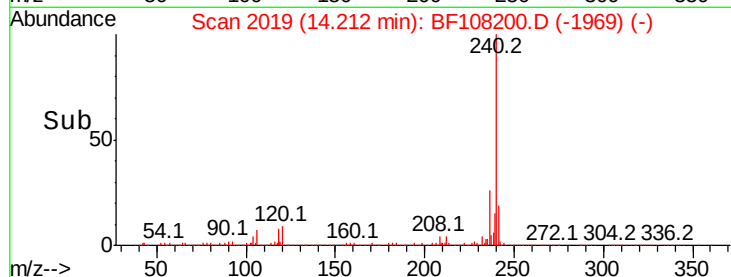
236 26.3 20.7 31.1



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



#77

Pyrene

Concen: 2.777 ng

RT: 13.01 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF108200.D

Acq: 16 Aug 2018 17:37

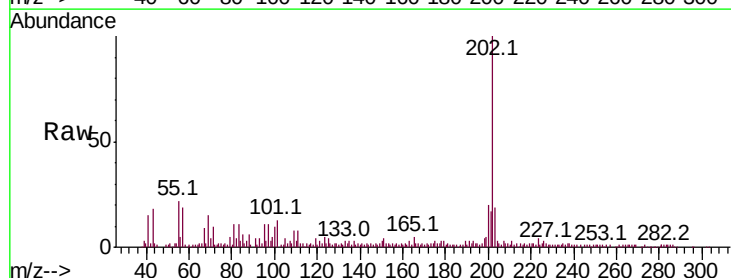
Tgt Ion:202 Resp: 73192

Ion Ratio Lower Upper

202 100

200 20.5 17.4 26.2

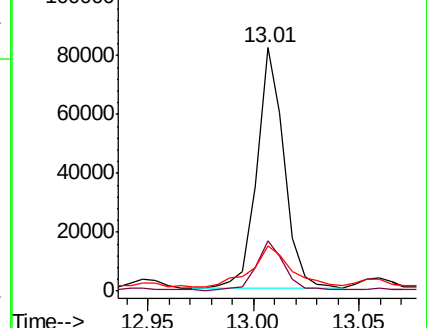
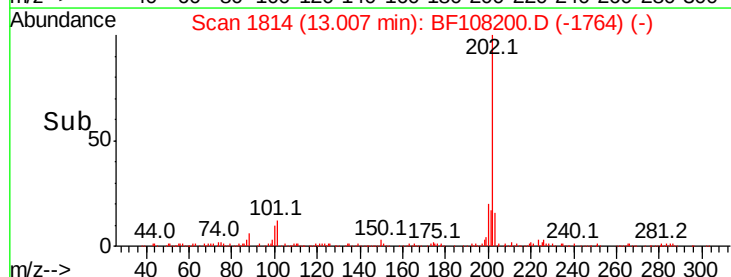
203 18.8 14.3 21.5

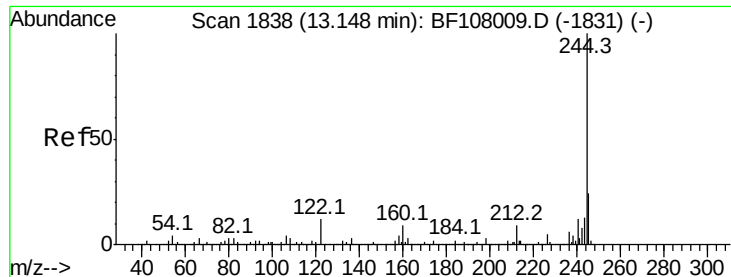


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 53.736 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108200.D

Acq: 16 Aug 2018 17:37

Instrument :

BNA_F

ClientSampled :

VNJ202

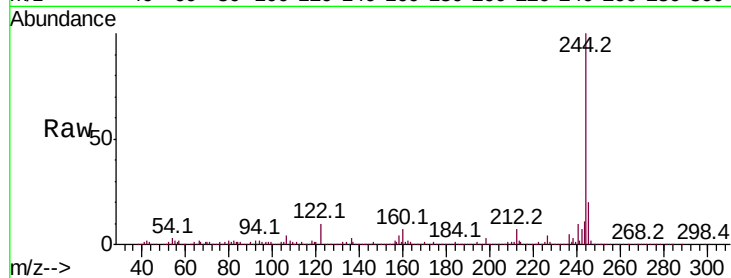
Tot Ion:244 Resp: 879875

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

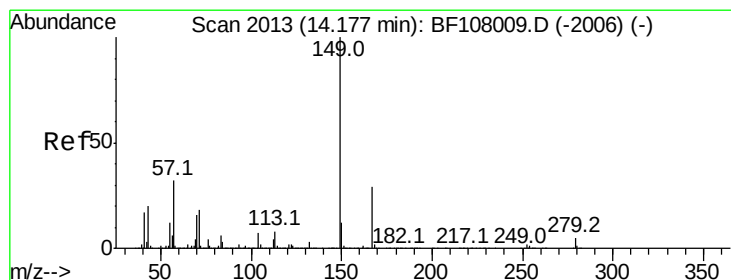
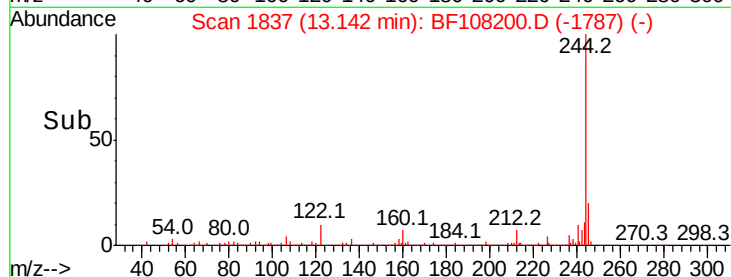
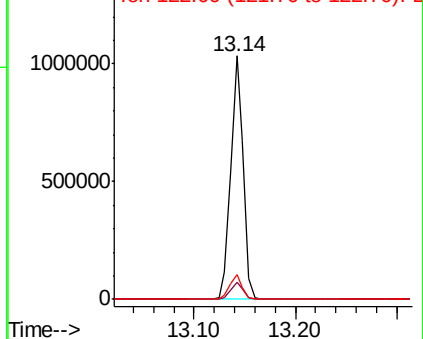
122 10.4 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.145 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF108200.D

Acq: 16 Aug 2018 17:37

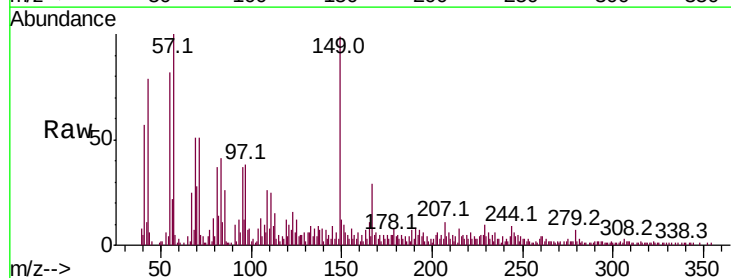
Tgt Ion:149 Resp: 30397

Ion Ratio Lower Upper

149 100

167 29.0 21.3 31.9

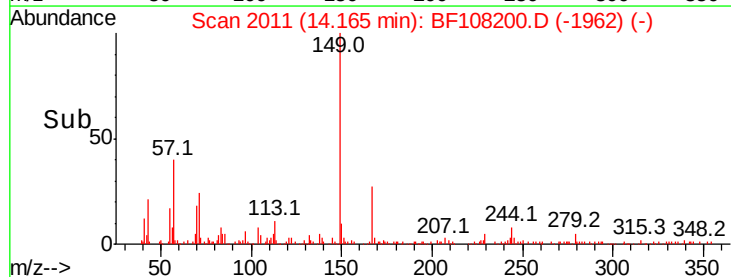
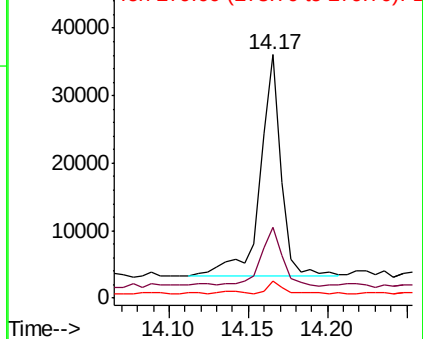
279 6.9 3.0 4.4#

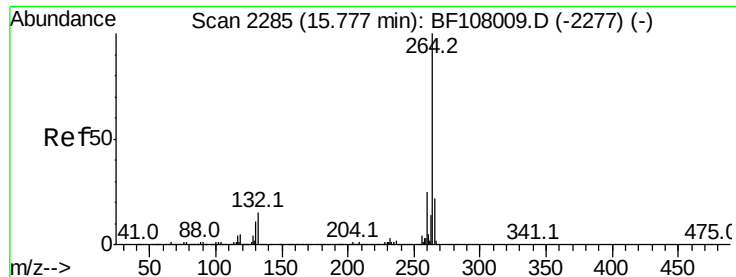


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

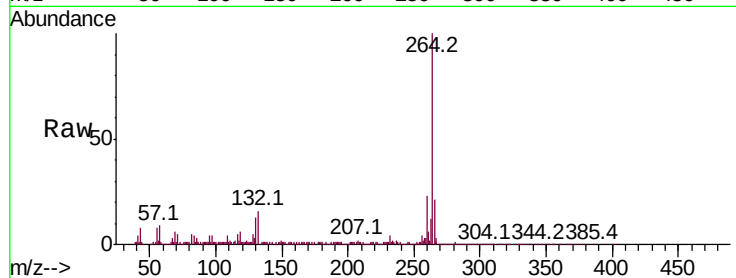




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BF108200.D
 Acq: 16 Aug 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :
 VNJ202

Tot Ion:	264	Resp:	378868
Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	20.8	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 400000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

