

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108333.D
 Acq On : 21 Aug 2018 12:37
 Operator : JU/SJ
 Sample : J4521-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11969

Quant Time: Aug 21 13:10:26 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	7.01	152	160899	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	606662	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	312830	20.00	ng	-0.02
63) Phenanthrene-d10	11.55	188	670805	20.00	ng	-0.01
75) Chrysene-d12	14.20	240	534921	20.00	ng	-0.02
86) Perylene-d12	15.75	264	366585	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1033235	116.26	ng	0.02
7) Phenol-d6	6.63	99	1248982	105.76	ng	0.00
23) Nitrobenzene-d5	7.57	82	1038268	95.50	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	516521	165.53	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	1873076	96.13	ng	-0.01
78) Terphenyl-d14	13.14	244	2401537	114.15	ng	-0.01

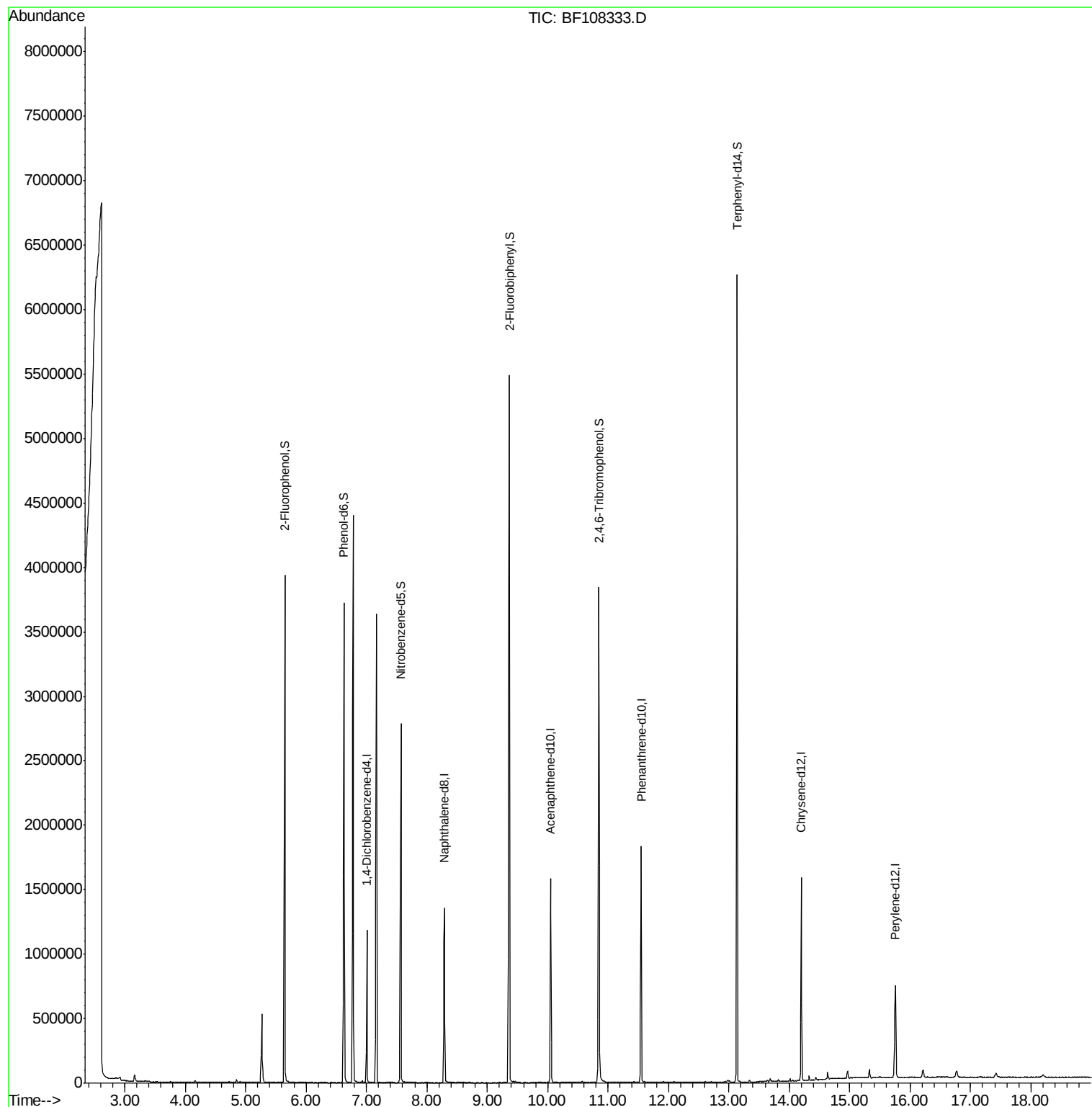
Target Compounds Qvalue

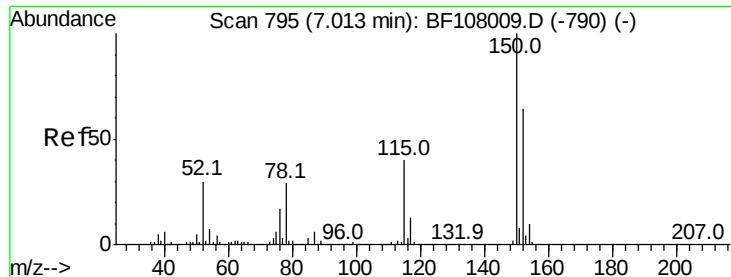
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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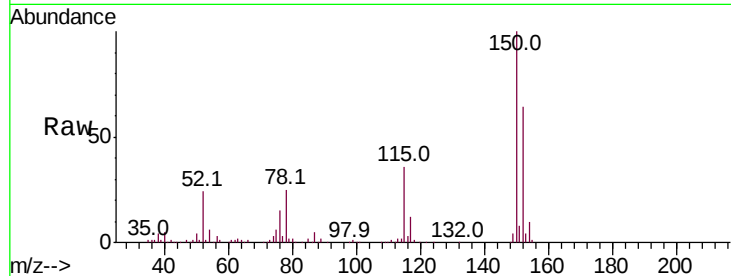


#1

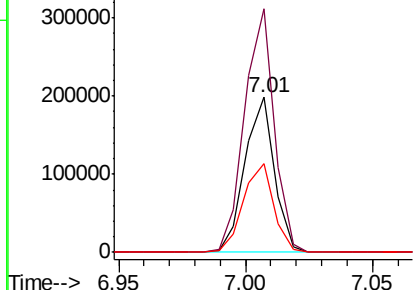
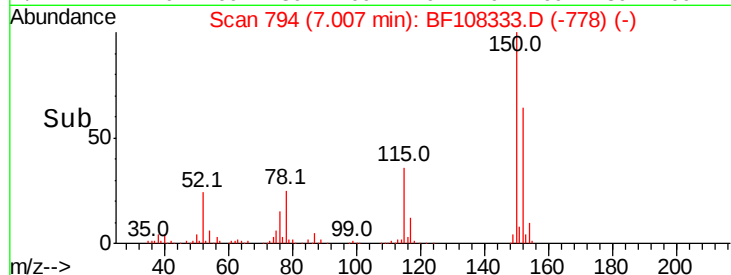
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108333.D
Acq: 21 Aug 2018 12:37

Instrument :
BNA_F
ClientSampleId :
72-11969

Tot Ion:152 Resp: 160899
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 57.4 50.1 75.1



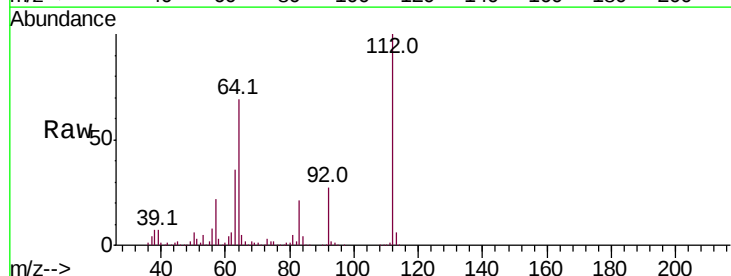
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



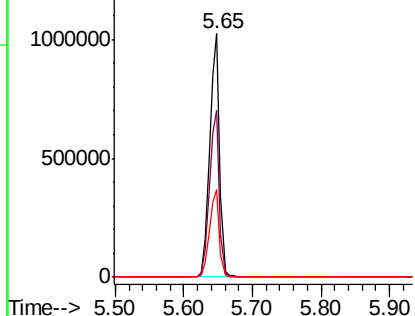
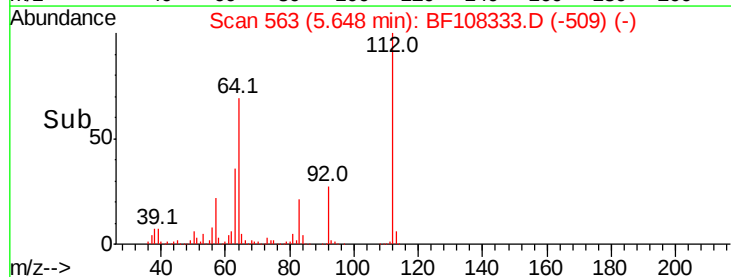
#5

2-Fluorophenol
Concen: 116.261 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108333.D
Acq: 21 Aug 2018 12:37

Tgt Ion:112 Resp: 1033235
Ion Ratio Lower Upper
112 100
64 68.5 47.9 71.9
63 35.8 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: 105.757 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108333.D

Acq: 21 Aug 2018 12:37

Instrument :

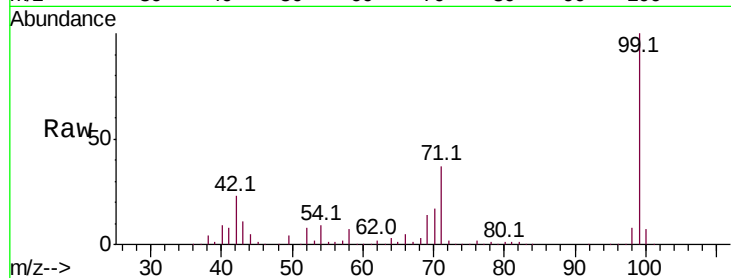
BNA_F

ClientSampleId :

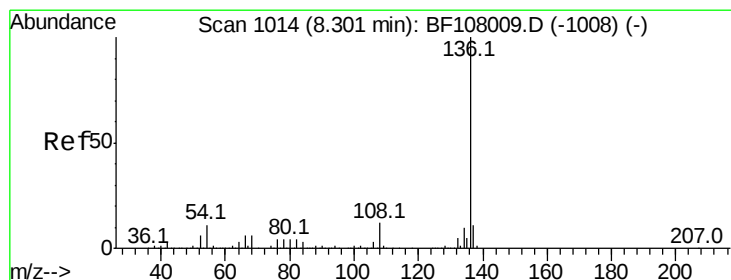
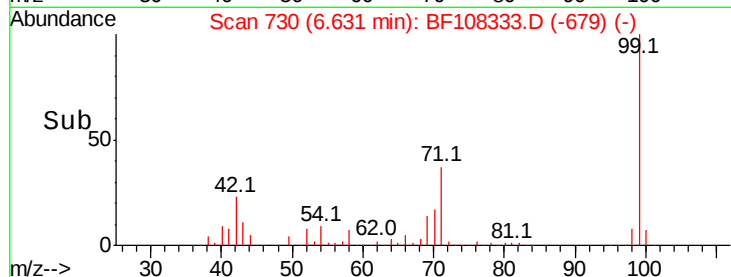
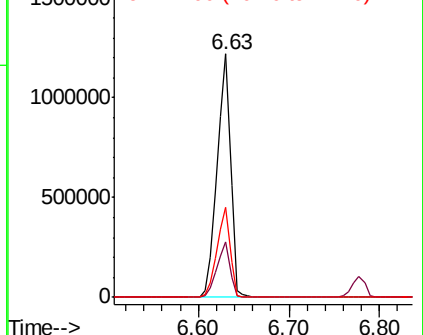
72-11969

Tot Ion: 99 Resp: 1248982

Ion	Ratio	Lower	Upper
99	100		
42	22.7	14.5	21.7#
71	37.0	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: 8.29 min Scan# 1012

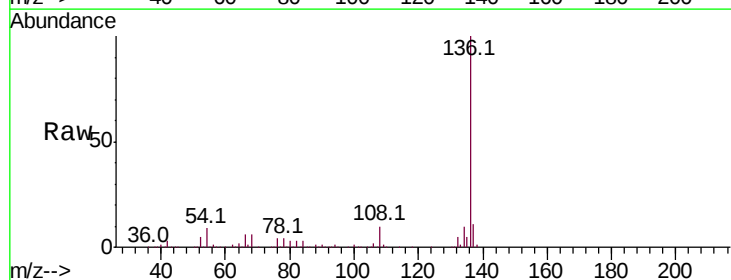
Delta R.T. -0.01 min

Lab File: BF108333.D

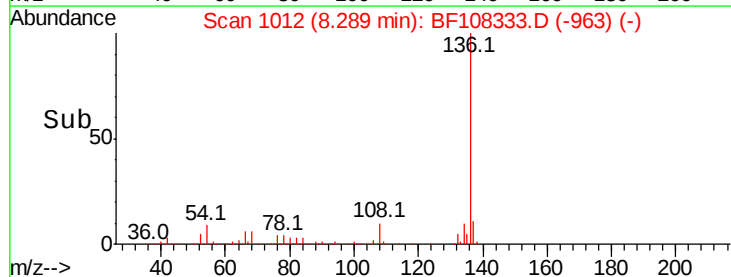
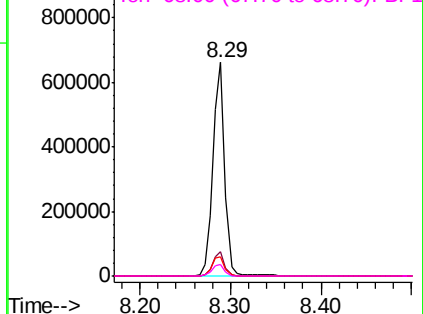
Acq: 21 Aug 2018 12:37

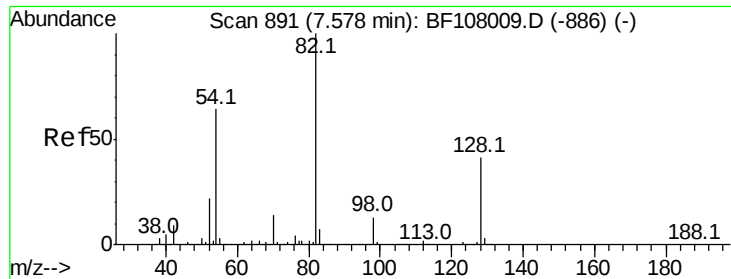
Tgt Ion: 136 Resp: 606662

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.2	6.6	9.8
68	5.7	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: 95.501 ng

RT: 7.57 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF108333.D

Acq: 21 Aug 2018 12:37

Instrument :

BNA_F

ClientSampled :

72-11969

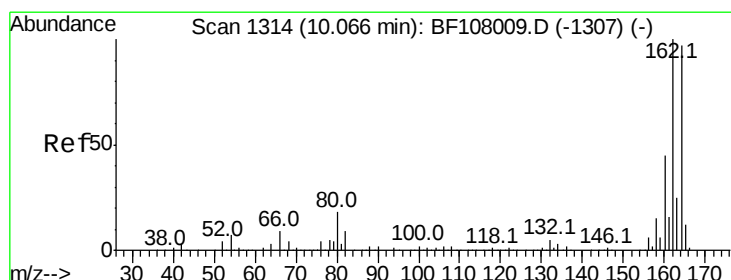
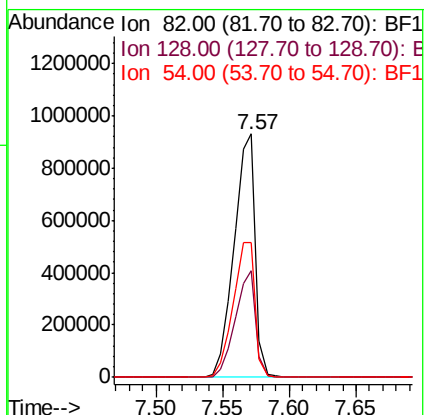
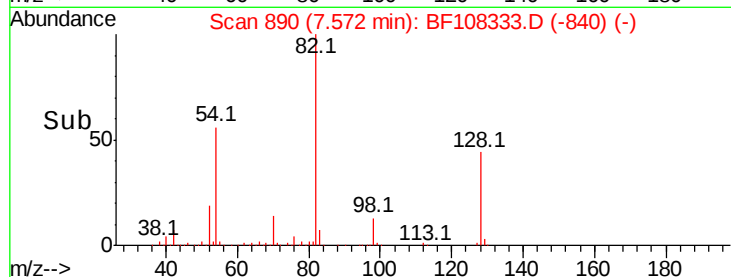
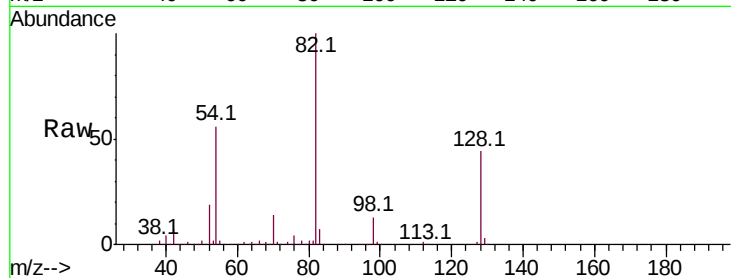
Tot Ion: 82 Resp: 1038268

Ion Ratio Lower Upper

82 100

128 44.0 36.1 54.1

54 55.5 41.4 62.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF108333.D

Acq: 21 Aug 2018 12:37

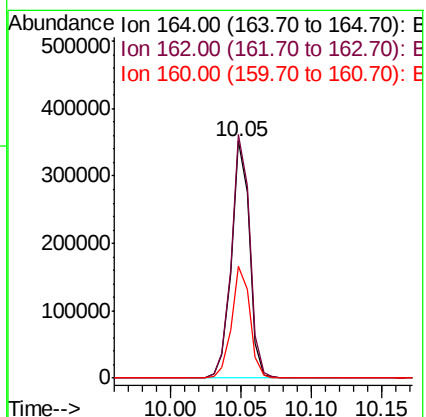
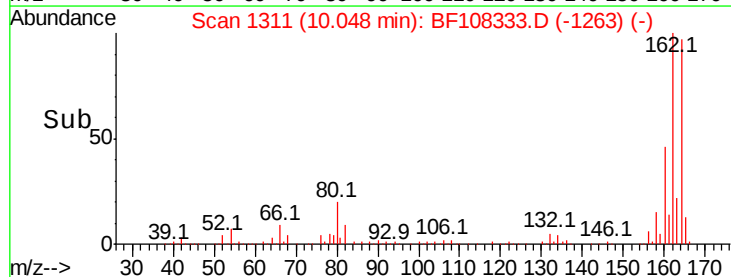
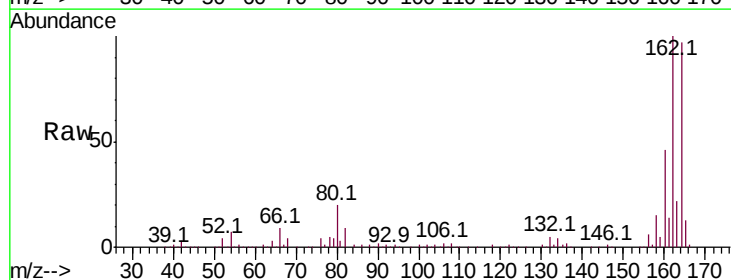
Tgt Ion:164 Resp: 312830

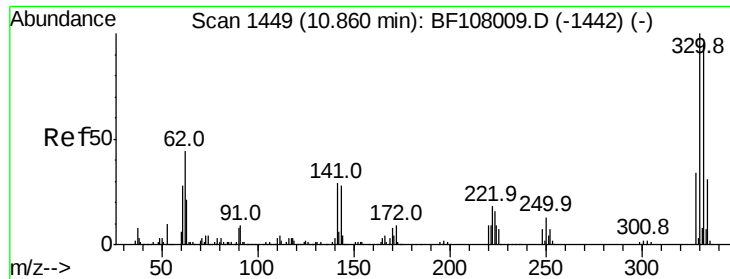
Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

160 47.1 38.3 57.5

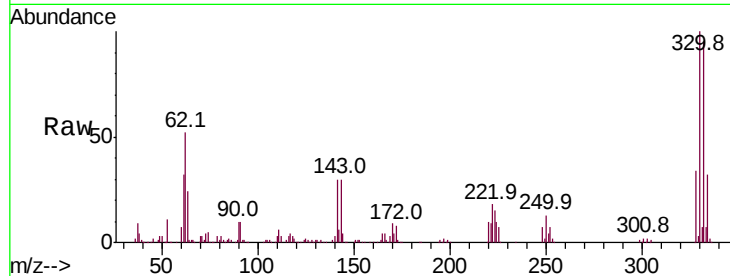




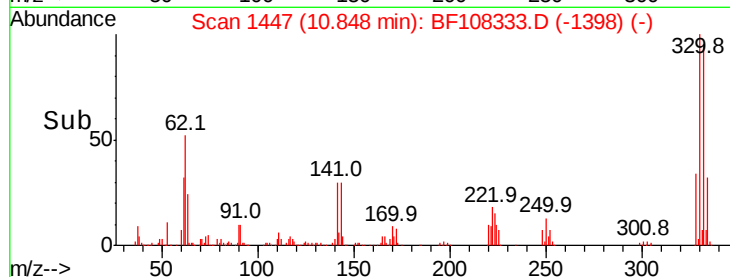
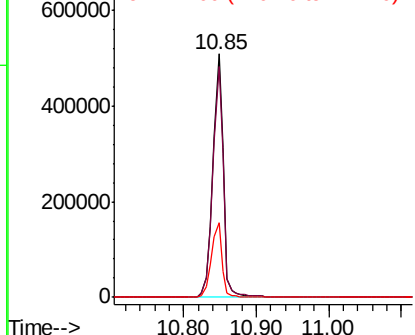
#41
 2,4,6-Tribromophenol
 Concen: 165.530 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108333.D
 Acq: 21 Aug 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 72-11969

Tot Ion:330 Resp: 516521
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 31.3 29.9 44.9

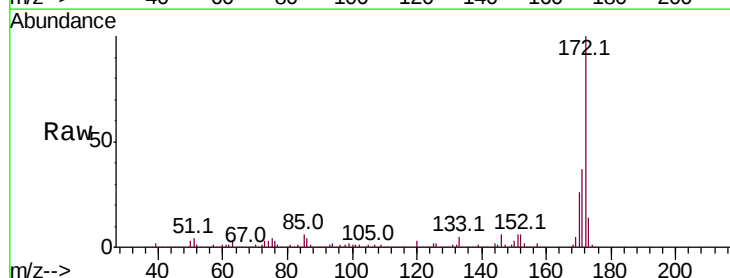


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

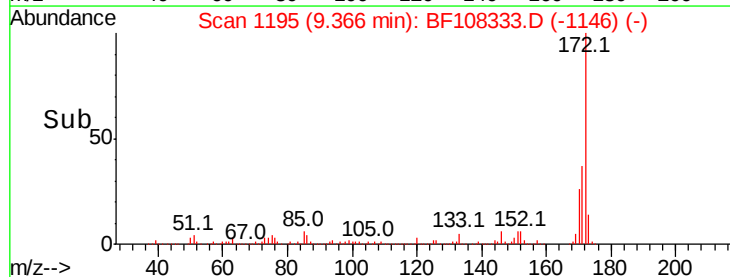
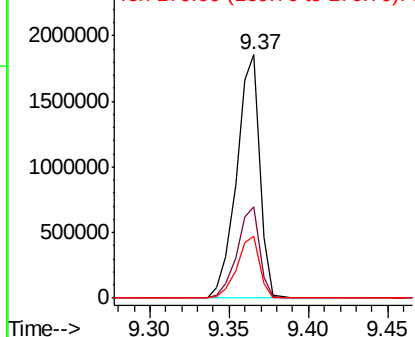


#44
 2-Fluorobiphenyl
 Concen: 96.128 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF108333.D
 Acq: 21 Aug 2018 12:37

Tgt Ion:172 Resp: 1873076
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.7 44.5
 170 25.5 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

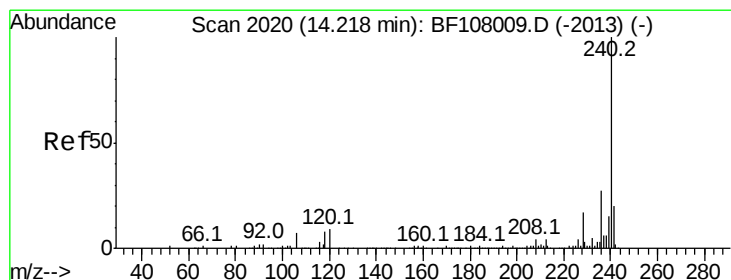
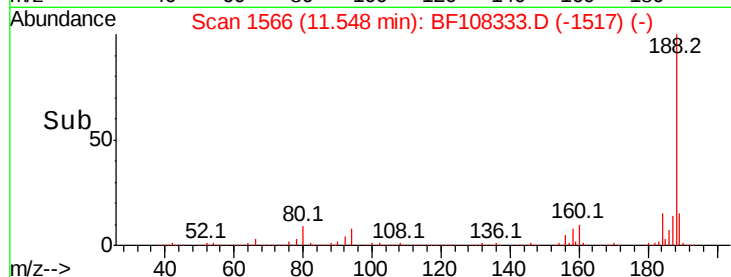
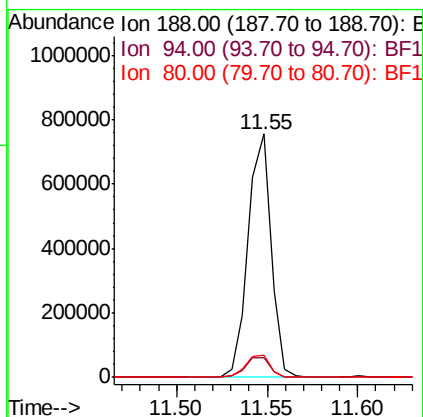
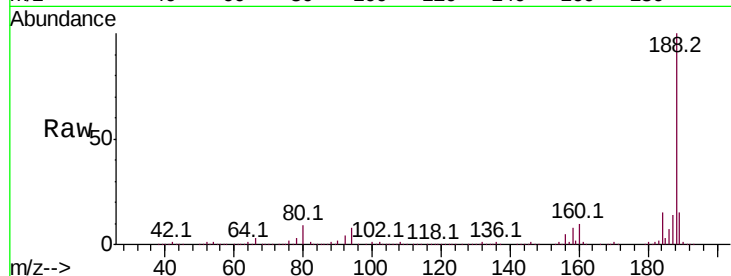




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF108333.D
 Acq: 21 Aug 2018 12:37

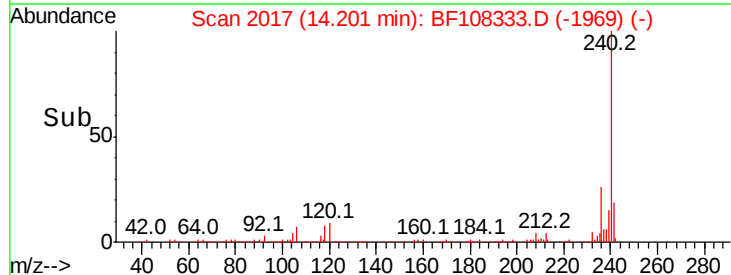
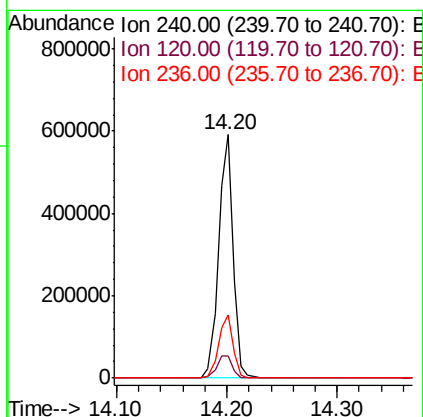
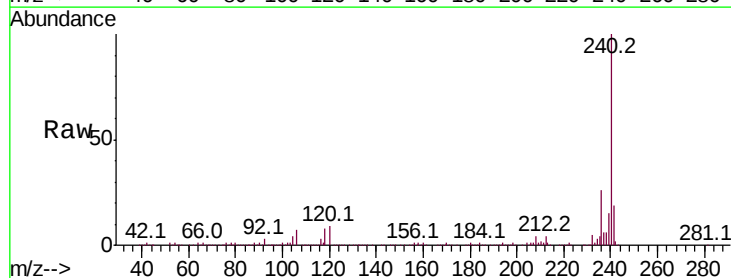
Instrument :
 BNA_F
 ClientSampleId :
 72-11969

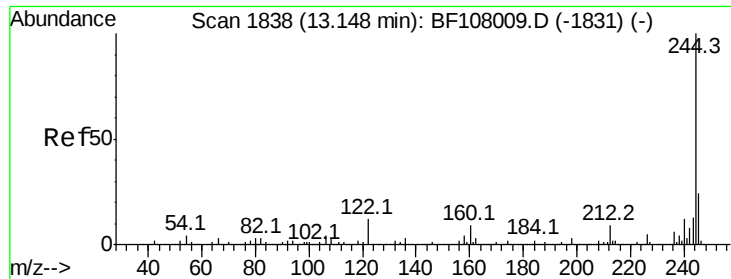
Tot Ion:188 Resp: 670805
 Ion Ratio Lower Upper
 188 100
 94 8.1 8.5 12.7#
 80 9.2 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.20 min Scan# 2017
 Delta R.T. -0.02 min
 Lab File: BF108333.D
 Acq: 21 Aug 2018 12:37

Tgt Ion:240 Resp: 534921
 Ion Ratio Lower Upper
 240 100
 120 9.4 9.5 14.3#
 236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 114.149 ng

RT: 13.14 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF108333.D

Acq: 21 Aug 2018 12:37

Instrument :

BNA_F

ClientSampleId :

72-11969

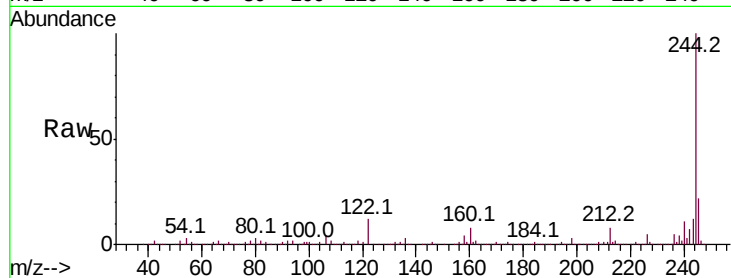
Tot Ion:244 Resp: 2401537

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.0

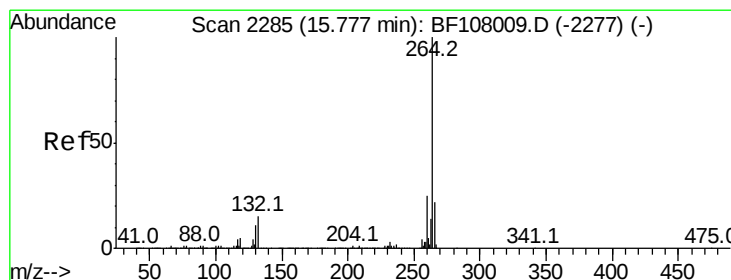
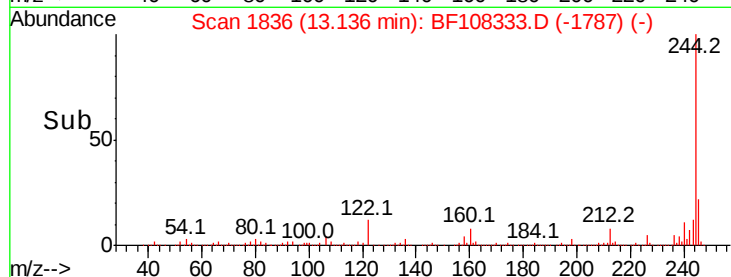
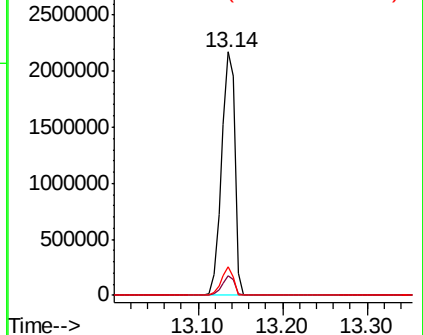
122 11.9 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF108333.D

Acq: 21 Aug 2018 12:37

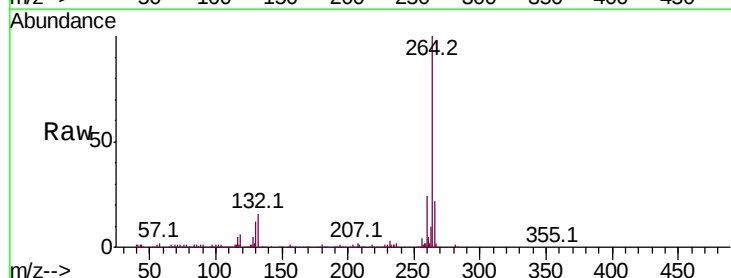
Tgt Ion:264 Resp: 366585

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.7 17.5 26.3



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

