

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108329.D
 Acq On : 21 Aug 2018 10:50
 Operator : JU/SJ
 Sample : J4500-20
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Quant Time: Aug 21 11:58:40 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

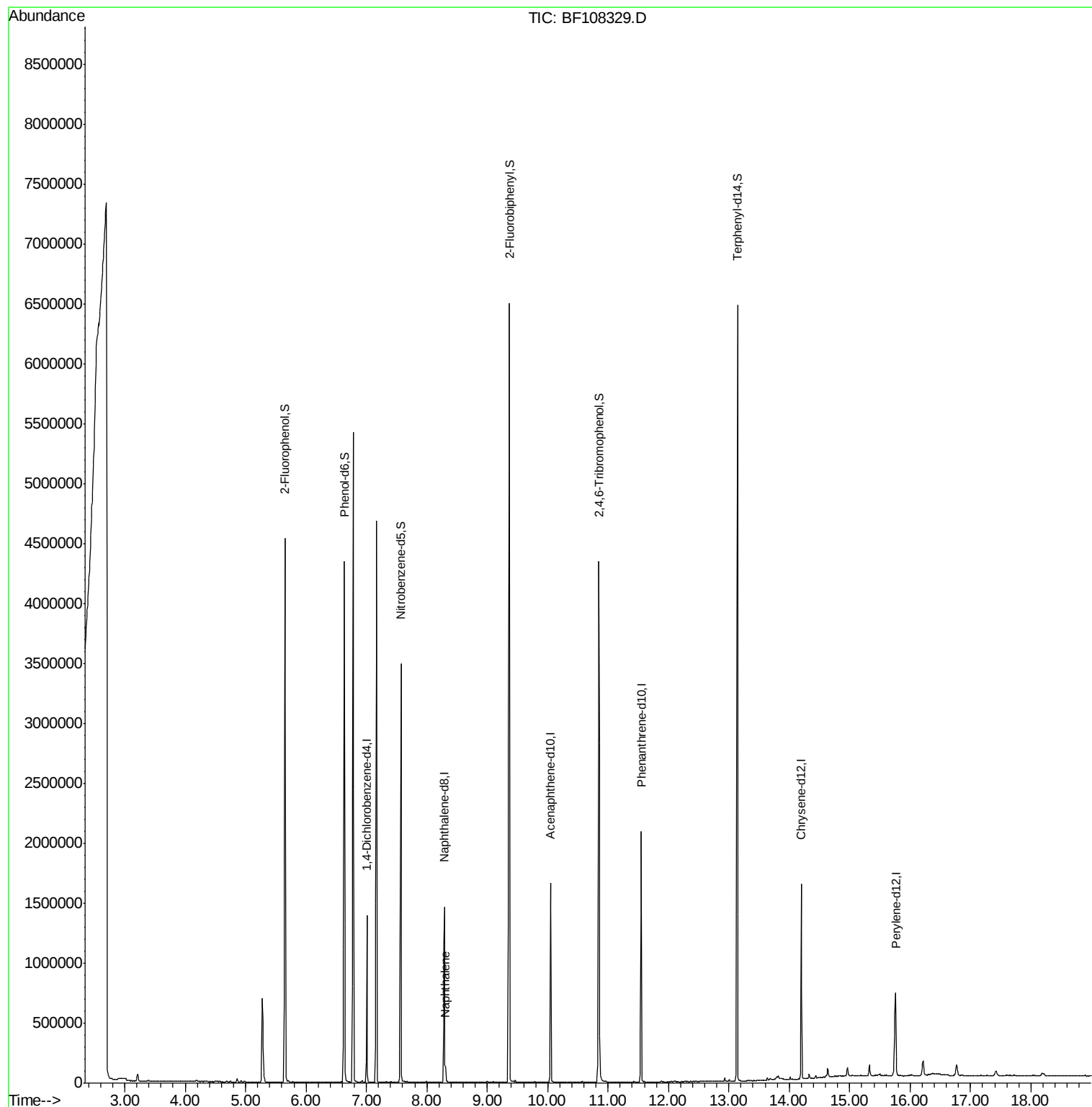
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	181900	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	670702	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	346965	20.00	ng	-0.02
63) Phenanthrene-d10	11.55	188	718373	20.00	ng	-0.01
75) Chrysene-d12	14.20	240	520011	20.00	ng	-0.02
86) Perylene-d12	15.76	264	359325	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1292467	128.64	ng	0.02
7) Phenol-d6	6.64	99	1527501	114.41	ng	0.00
23) Nitrobenzene-d5	7.57	82	1278365	106.36	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	601967	173.93	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2220528	102.75	ng	-0.01
78) Terphenyl-d14	13.14	244	2588298	126.55	ng	0.00
Target Compounds						
31) Naphthalene	8.31	128	68494	2.246	ng	Qvalue 99

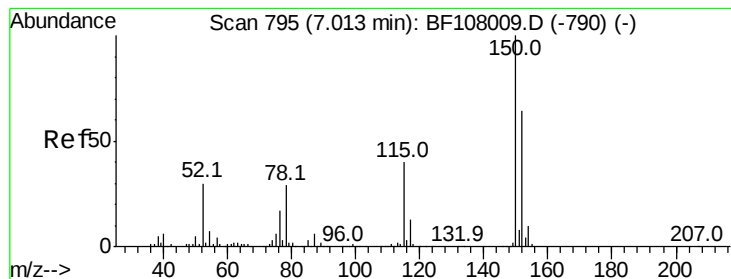
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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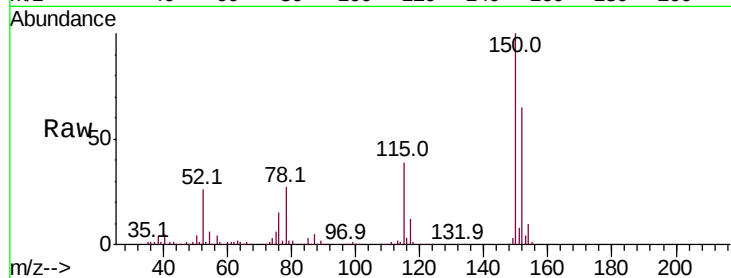


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108329.D
Acq: 21 Aug 2018 10:50

Instrument :
BNA_F
ClientSampleId :
TP-12

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	59.7	50.1	75.1

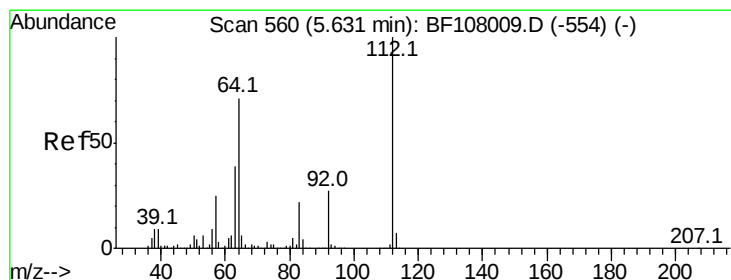
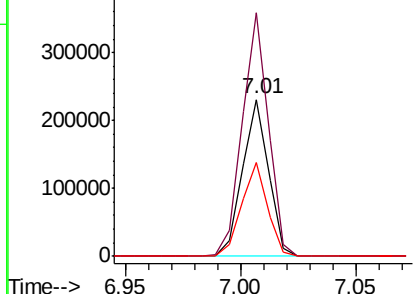
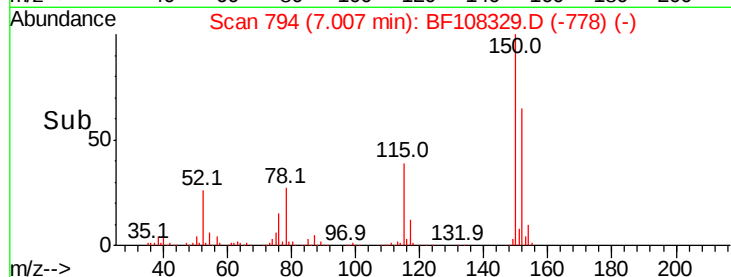


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

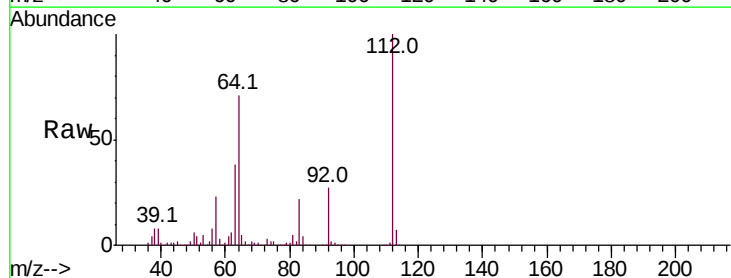
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 128.640 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108329.D
Acq: 21 Aug 2018 10:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	47.9	71.9
63	38.0	23.7	35.5

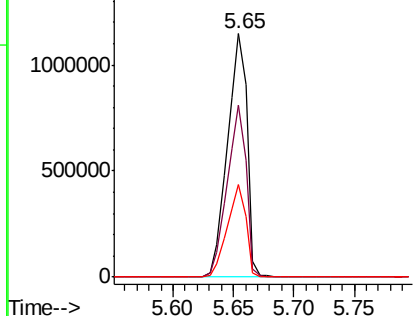
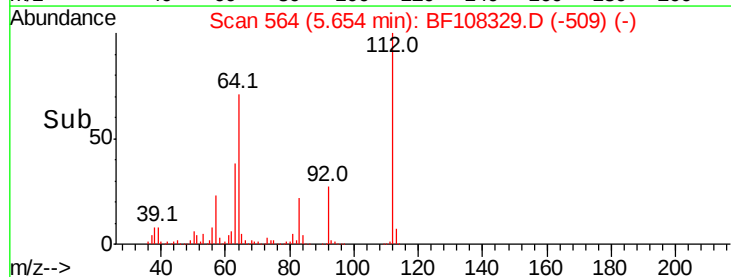


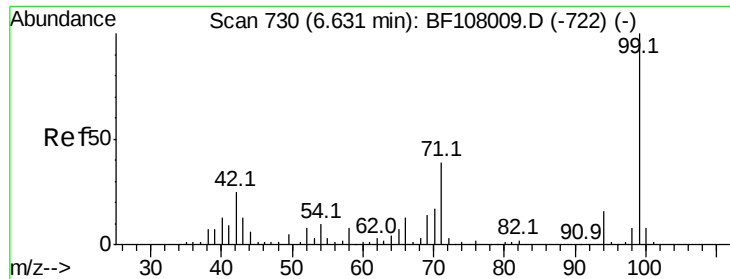
Abundance

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: 114.408 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108329.D

Acq: 21 Aug 2018 10:50

Instrument :

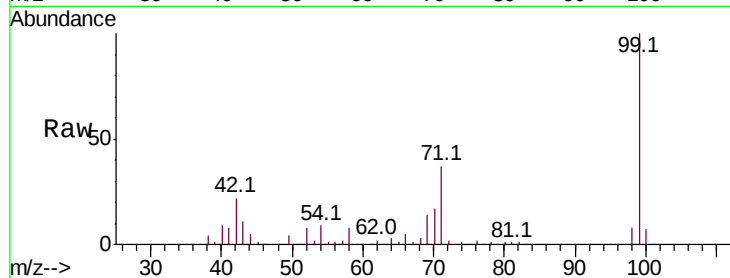
BNA_F

ClientSampleId :

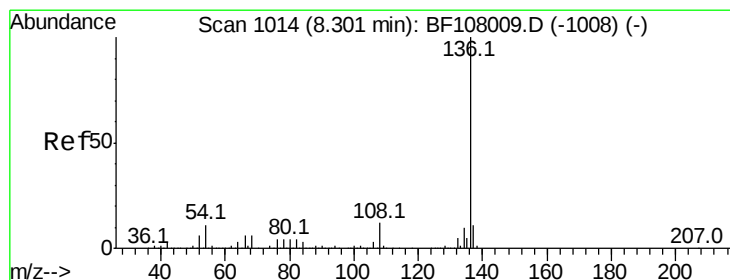
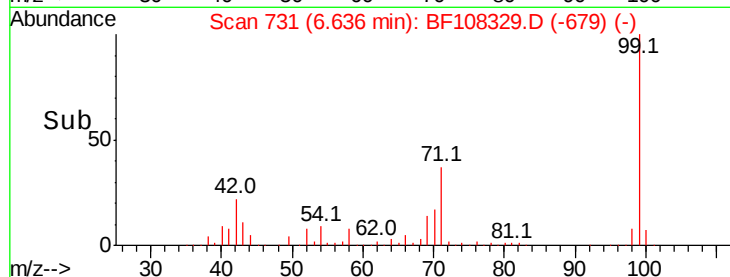
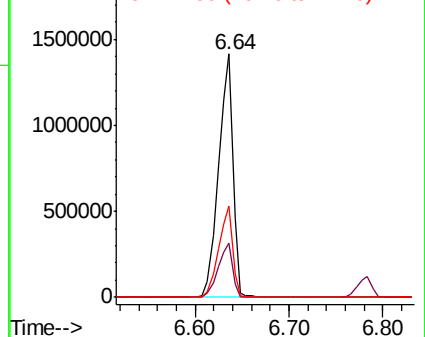
TP-12

Tot Ion: 99 Resp: 1527501

Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.5	21.7#
71	37.4	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

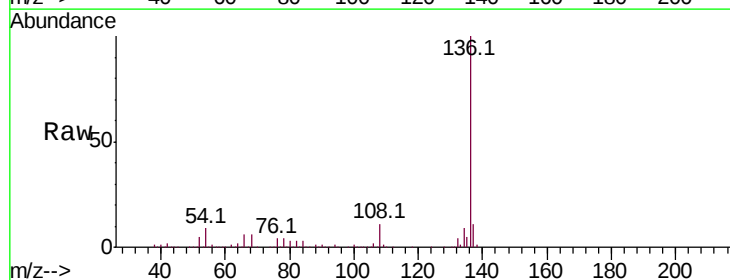
Delta R.T. -0.01 min

Lab File: BF108329.D

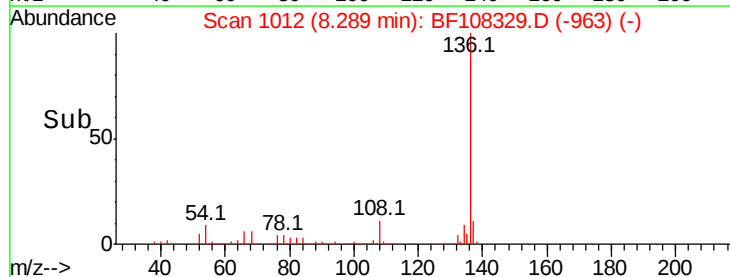
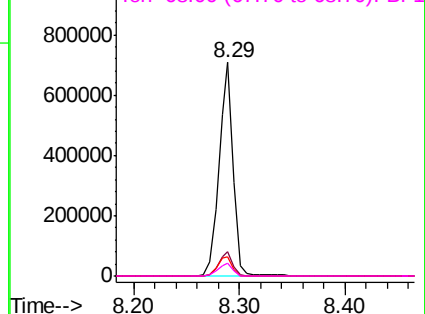
Acq: 21 Aug 2018 10:50

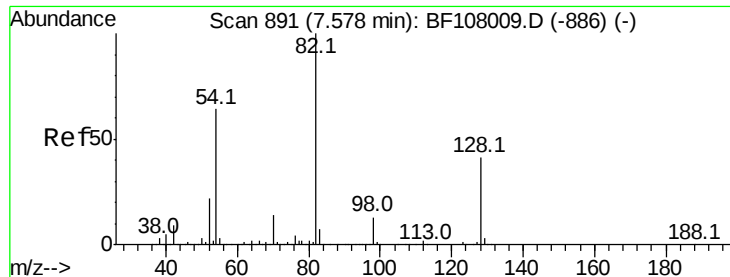
Tgt Ion: 136 Resp: 670702

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.2	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



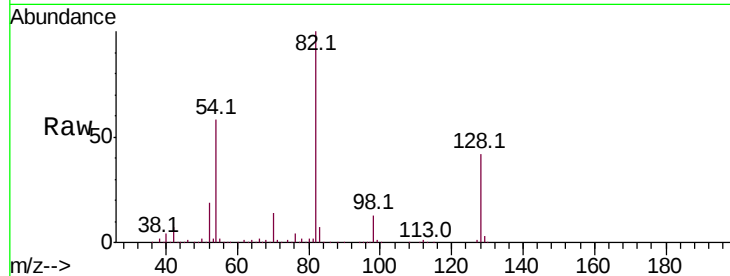


#23
 Nitrobenzene-d5
 Concen: 106.358 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF108329.D
 Acq: 21 Aug 2018 10:50

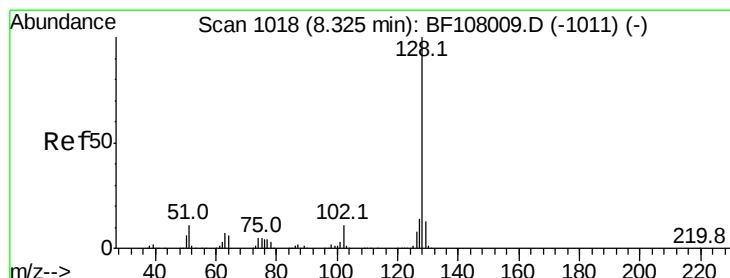
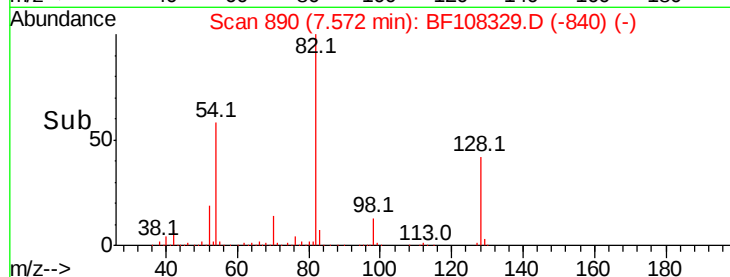
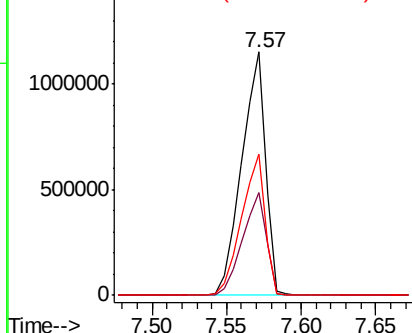
Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Tot Ion: 82 Resp: 1278365

Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	58.1	41.4	62.2



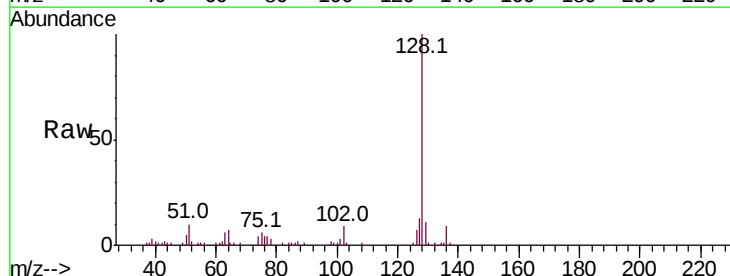
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



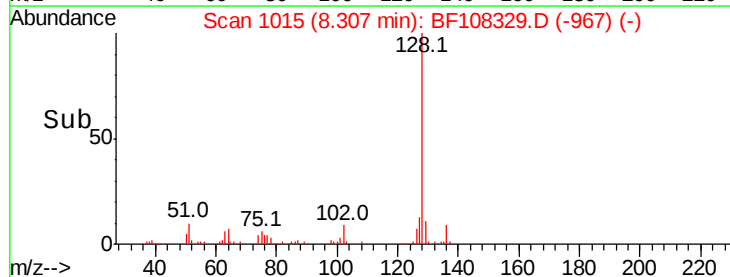
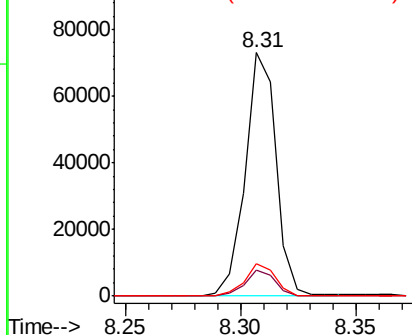
#31
 Naphthalene
 Concen: 2.246 ng
 RT: 8.31 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: BF108329.D
 Acq: 21 Aug 2018 10:50

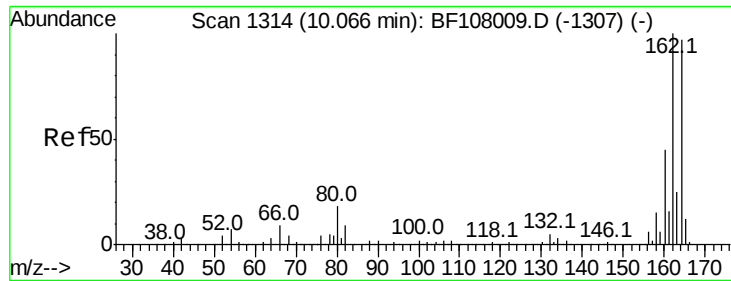
Tgt Ion:128 Resp: 68494

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.4	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

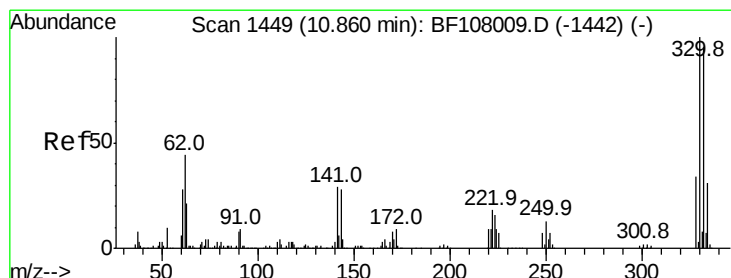
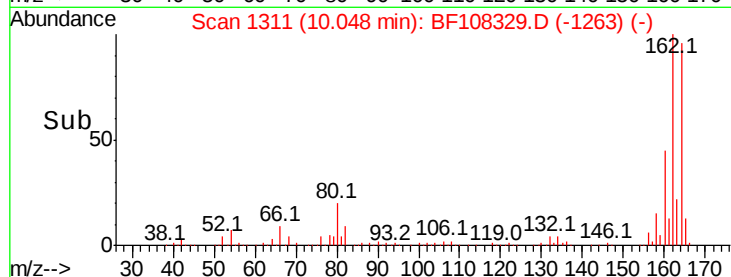
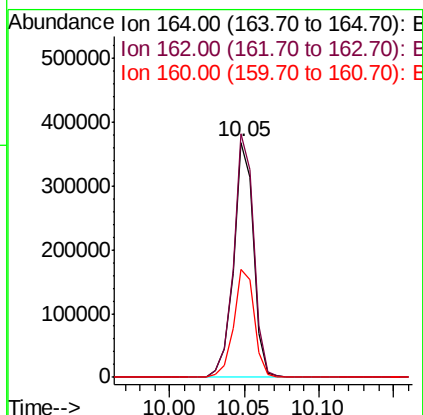
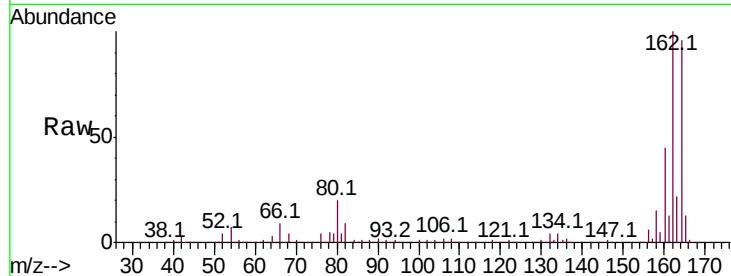




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF108329.D
 Acq: 21 Aug 2018 10:50

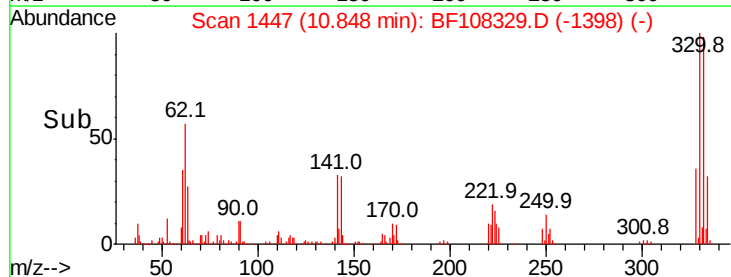
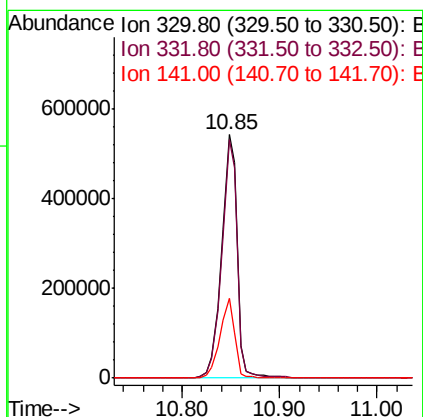
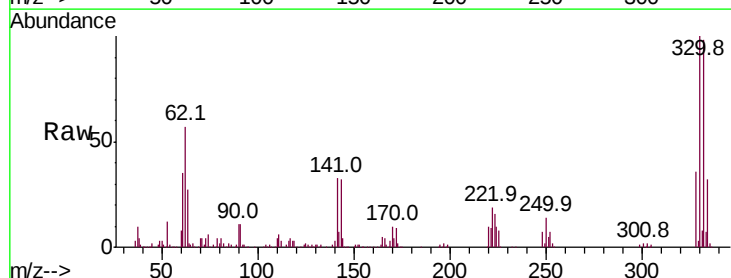
Instrument :
 BNA_F
 ClientSampled :
 TP-12

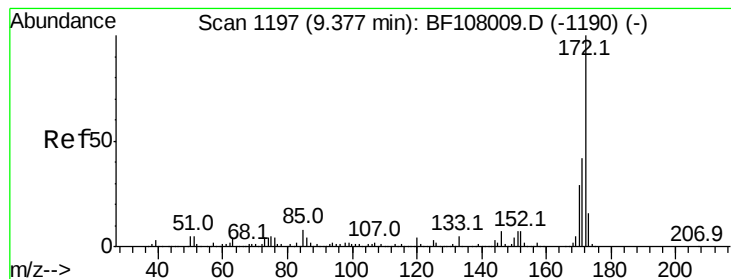
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	46.2	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 173.934 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108329.D
 Acq: 21 Aug 2018 10:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	31.5	29.9	44.9



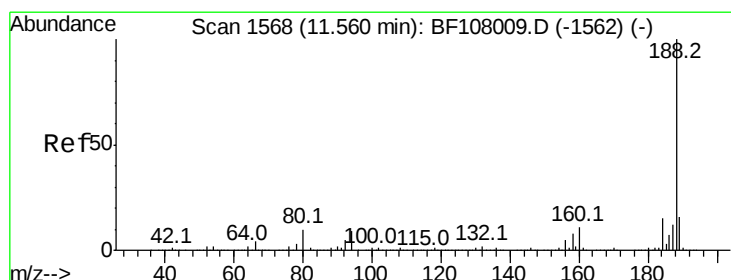
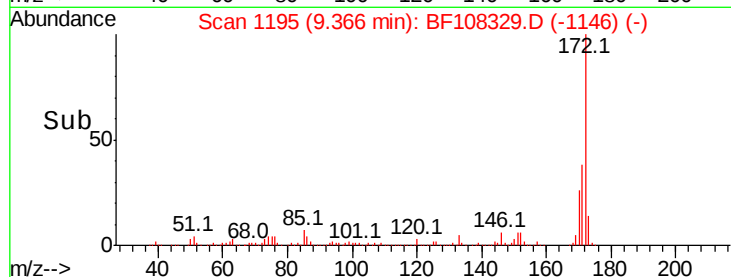
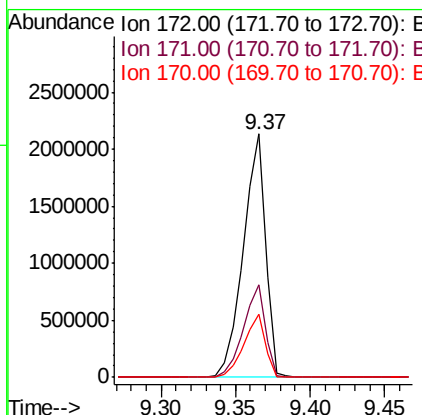
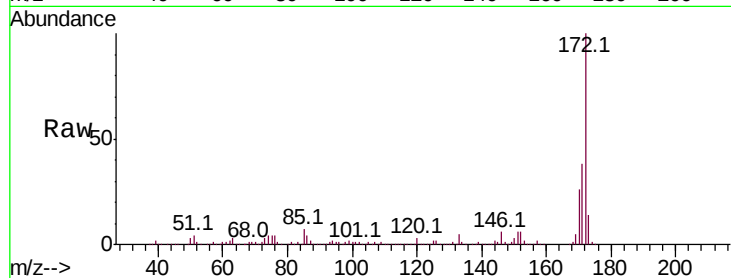


#44
 2-Fluorobiphenyl
 Concen: 102.748 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF108329.D
 Acq: 21 Aug 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Tot Ion:172 Resp: 2220528

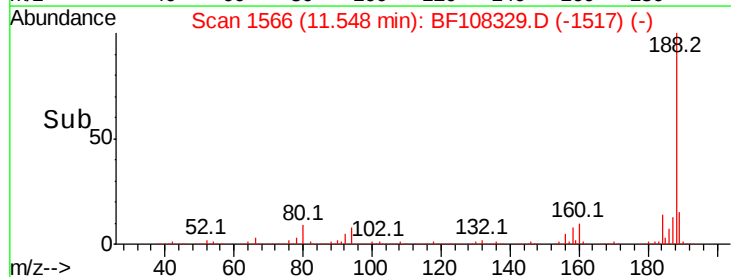
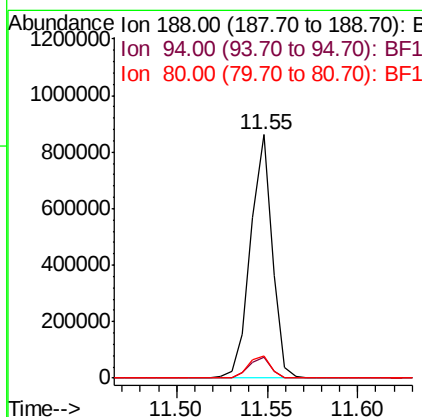
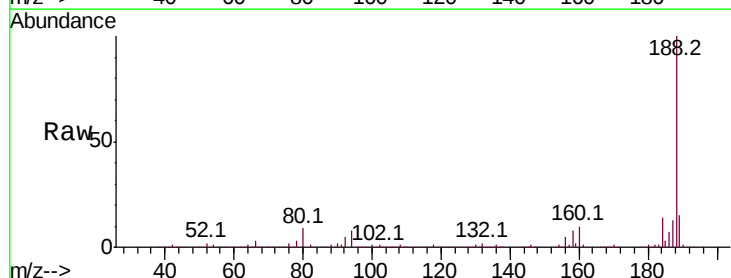
Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	25.7	19.6	29.4

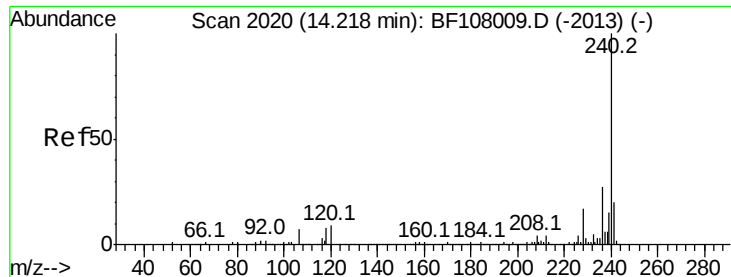


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF108329.D
 Acq: 21 Aug 2018 10:50

Tgt Ion:188 Resp: 718373

Ion	Ratio	Lower	Upper
188	100		
94	8.5	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: BF108329.D

Acq: 21 Aug 2018 10:50

Instrument :

BNA_F

ClientSampleId :

TP-12

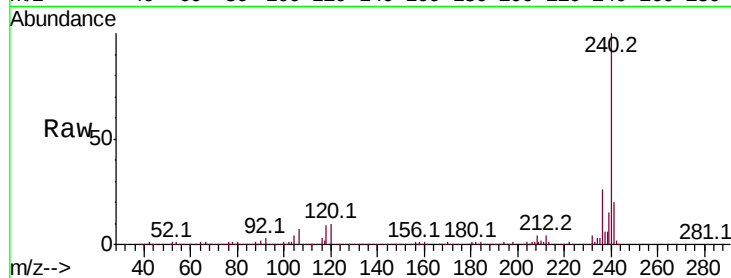
Tot Ion:240 Resp: 520011

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

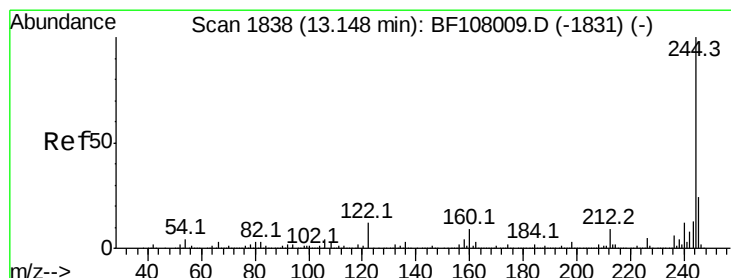
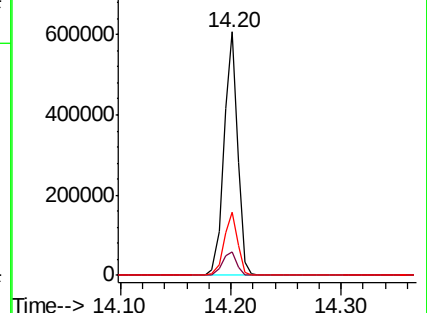
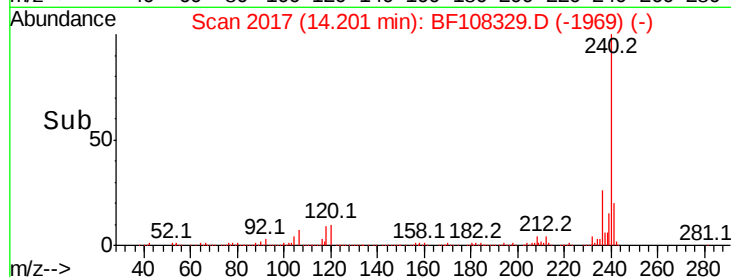
236 26.0 20.7 31.1



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



#78

Terphenyl-d14

Concen: 126.554 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108329.D

Acq: 21 Aug 2018 10:50

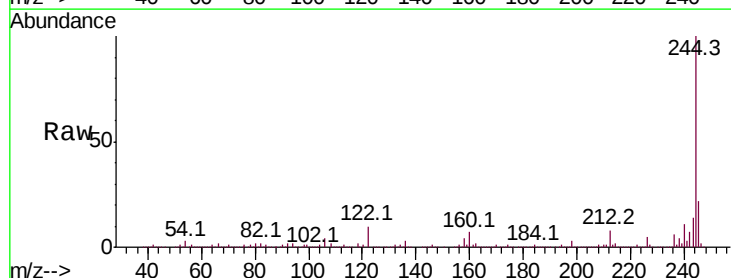
Tgt Ion:244 Resp: 2588298

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.0

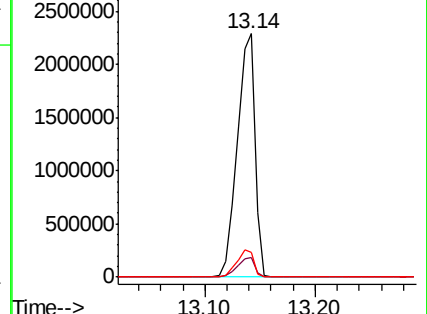
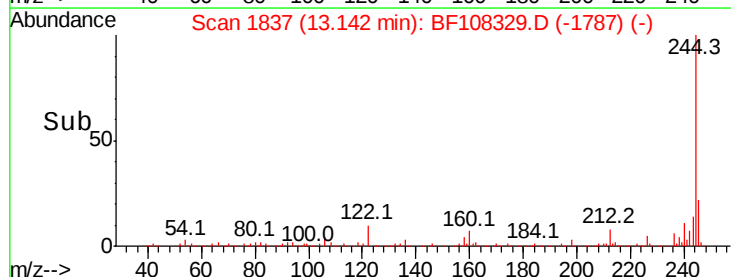
122 10.4 11.0 16.4#

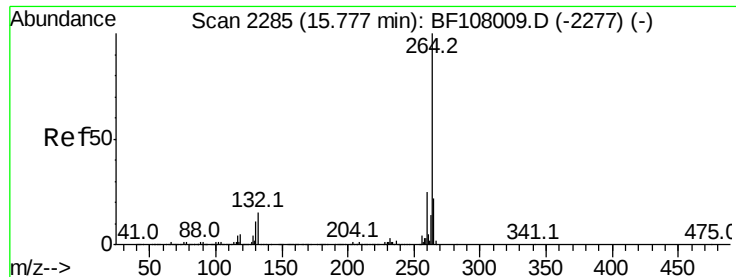


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.76 min Scan# 2282
Delta R.T. -0.02 min
Lab File: BF108329.D
Acq: 21 Aug 2018 10:50

Instrument :
BNA_F
ClientSampleId :
TP-12

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	17.5	26.3

