

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108320.D
 Acq On : 21 Aug 2018 5:54
 Operator : JU/SJ
 Sample : J4500-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Quant Time: Aug 21 07:02:48 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

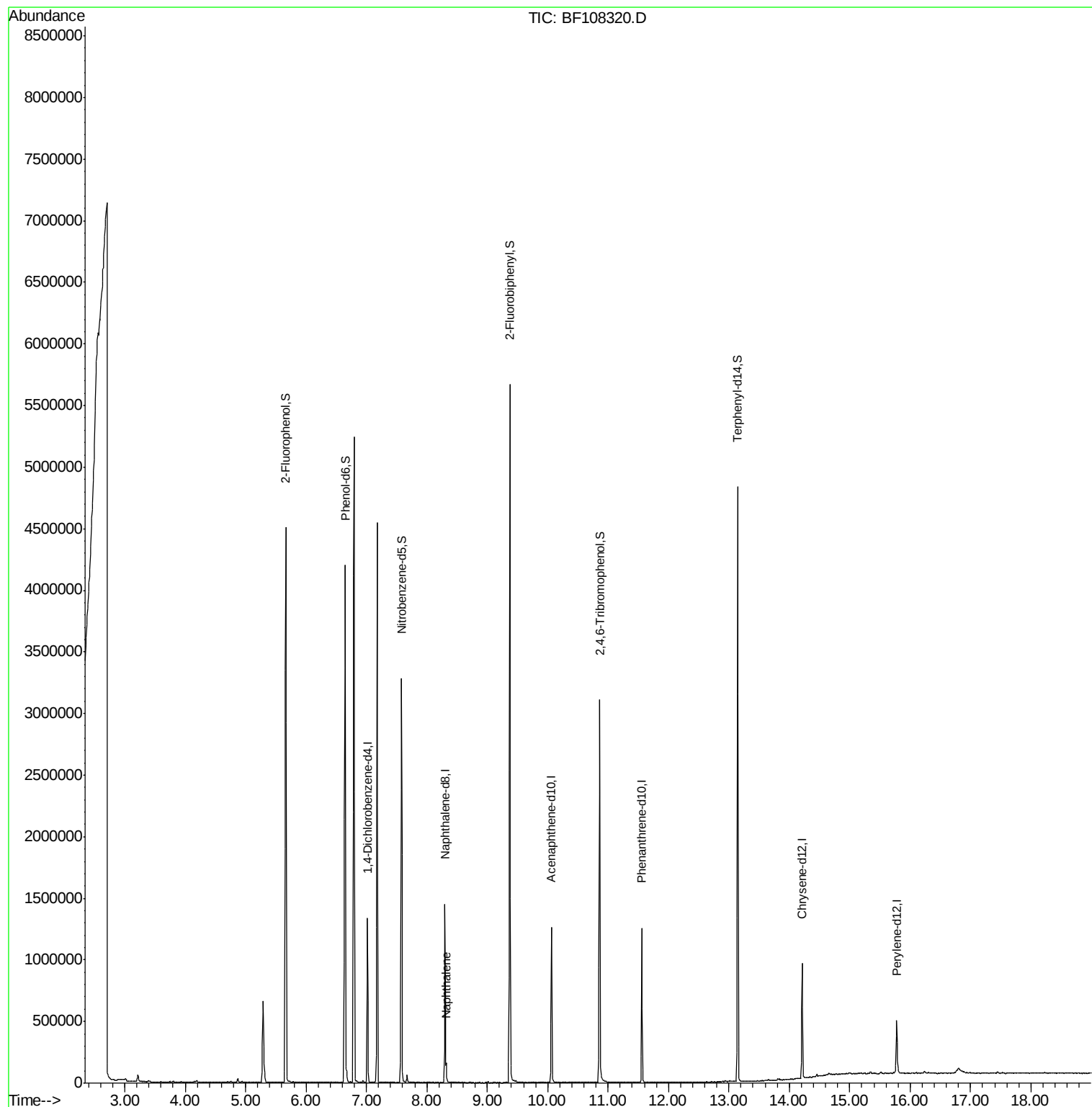
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	178145	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	607948	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	261759	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	442404	20.00	ng	0.00
75) Chrysene-d12	14.21	240	312605	20.00	ng	0.00
86) Perylene-d12	15.78	264	233857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1268657	128.93	ng	0.04
7) Phenol-d6	6.65	99	1450250	110.91	ng	0.02
23) Nitrobenzene-d5	7.58	82	1165451	106.97	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	398090	152.47	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1907402	116.99	ng	0.00
78) Terphenyl-d14	13.15	244	1719442	139.85	ng	0.00
Target Compounds						
31) Naphthalene	8.32	128	61196	2.213	ng	Qvalue 99

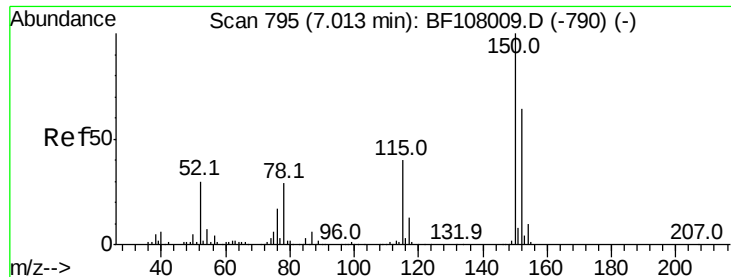
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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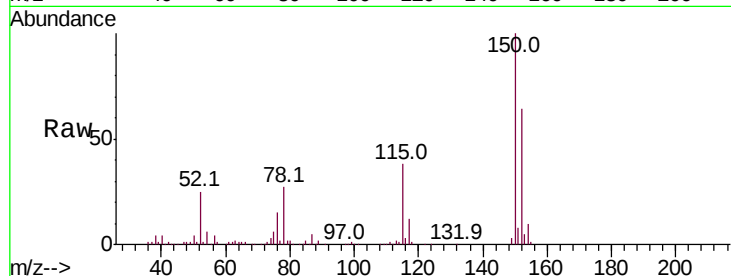


#1

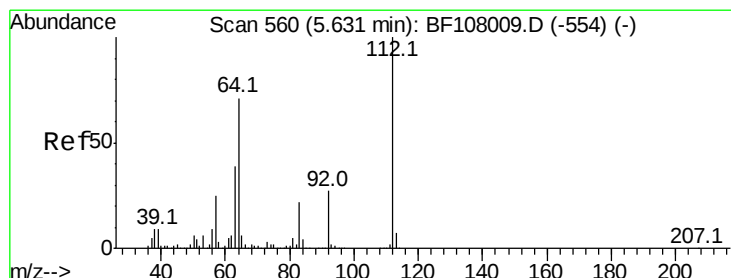
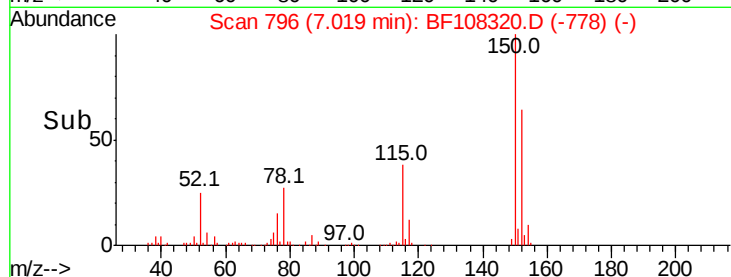
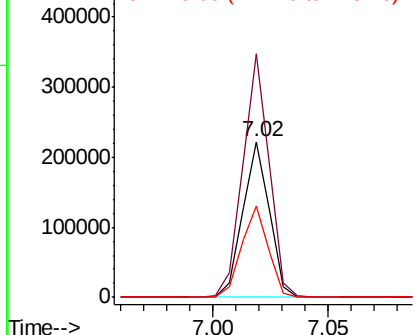
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108320.D
Acq: 21 Aug 2018 5:54

Instrument :
BNA_F
ClientSampleId :
TP-12

Tot Ion:152 Resp: 178145
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 58.9 50.1 75.1



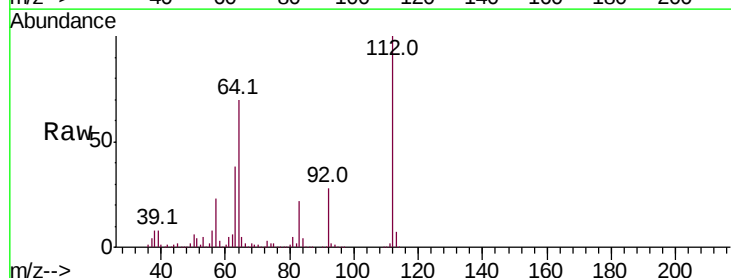
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



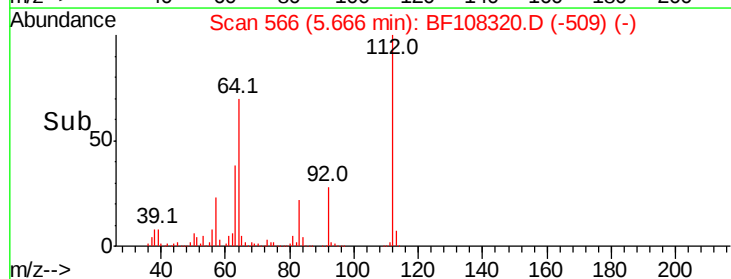
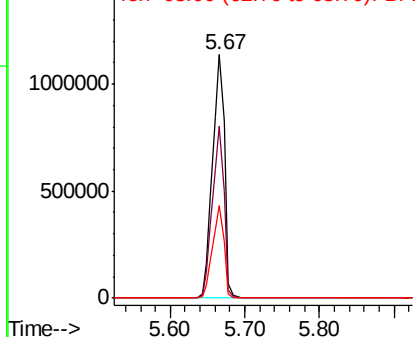
#5

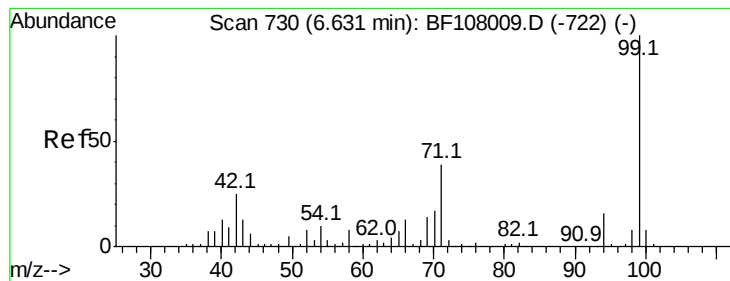
2-Fluorophenol
Concen: 128.931 ng
RT: 5.67 min Scan# 566
Delta R.T. 0.04 min
Lab File: BF108320.D
Acq: 21 Aug 2018 5:54

Tgt Ion:112 Resp: 1268657
Ion Ratio Lower Upper
112 100
64 70.4 47.9 71.9
63 37.9 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: 110.911 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108320.D

Acq: 21 Aug 2018 5:54

Instrument :

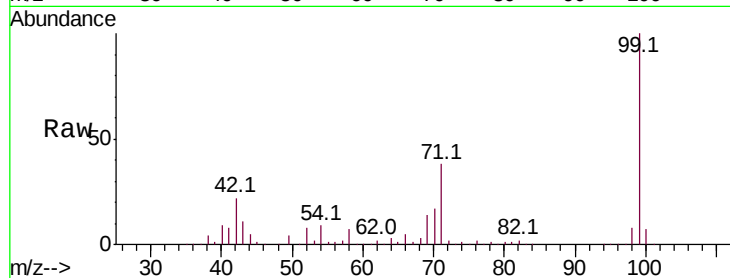
BNA_F

ClientSampleId :

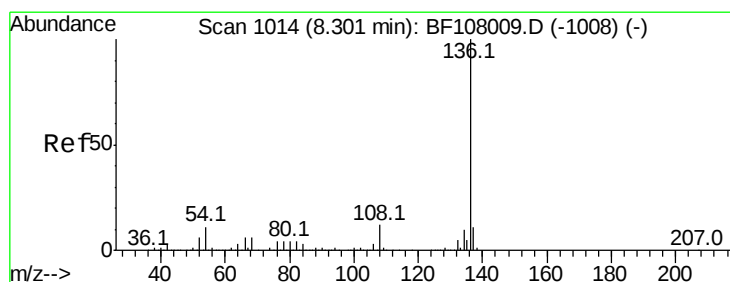
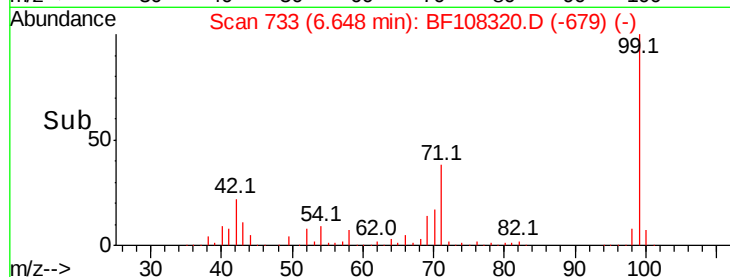
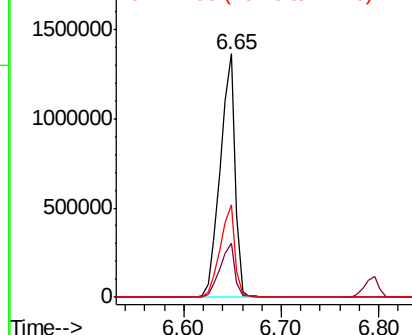
TP-12

Tot Ion: 99 Resp: 1450250

Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.5	21.7#
71	38.0	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: 8.30 min Scan# 1014

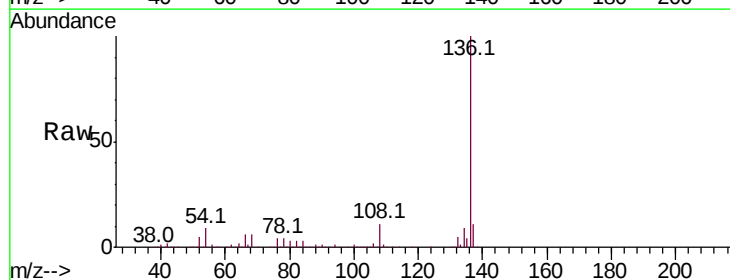
Delta R.T. 0.00 min

Lab File: BF108320.D

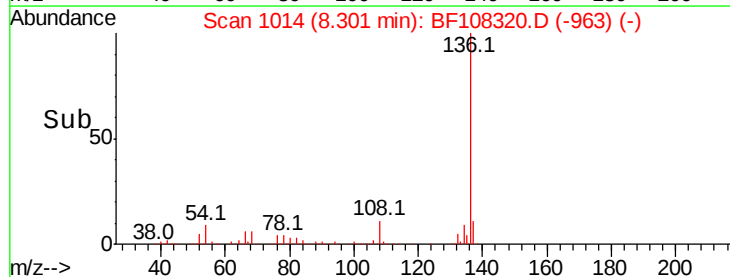
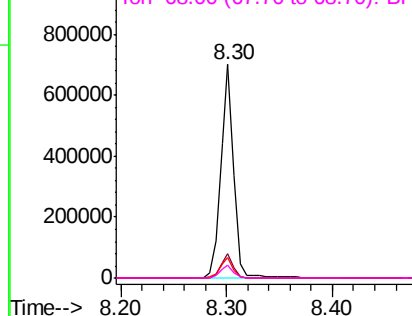
Acq: 21 Aug 2018 5:54

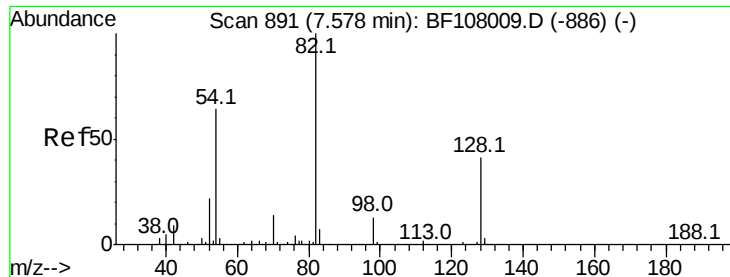
Tgt Ion: 136 Resp: 607948

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.4	6.6	9.8
68	6.2	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

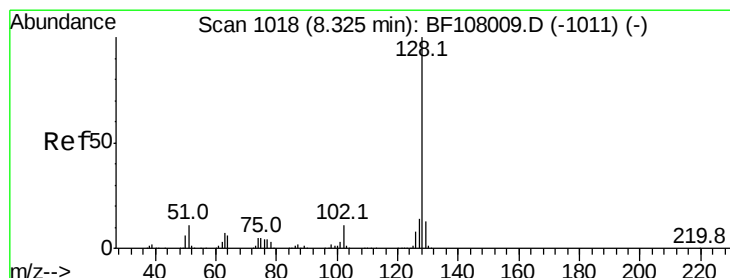
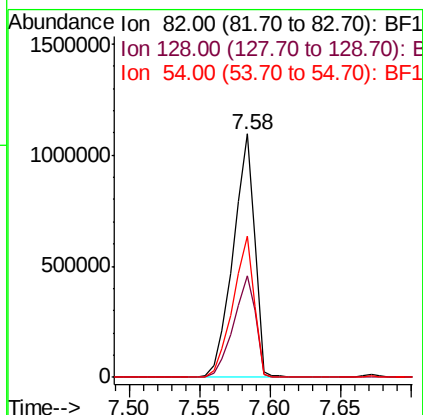
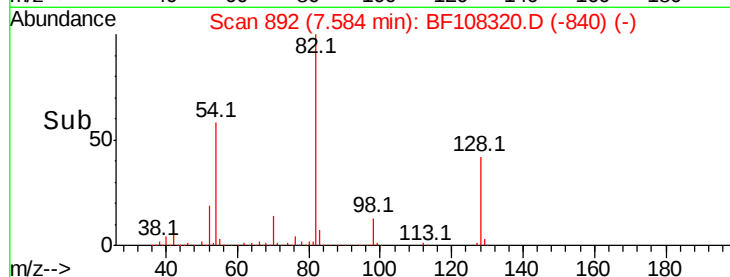
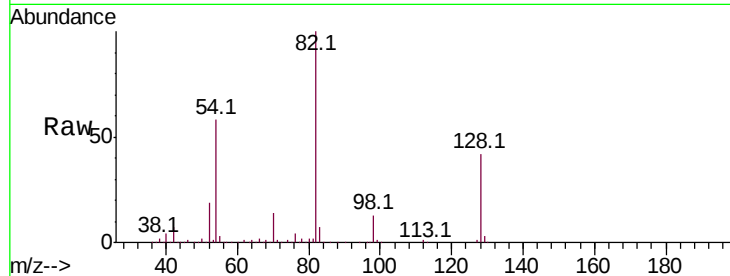




#23
Nitrobenzene-d5
Concen: 106.973 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF108320.D
Acq: 21 Aug 2018 5:54

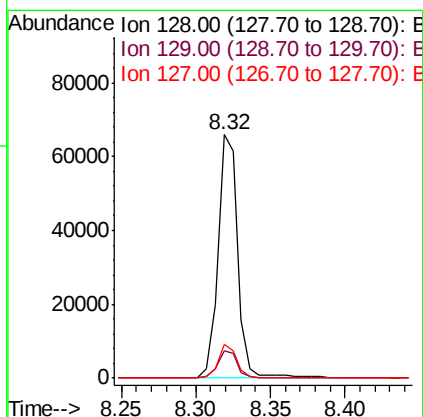
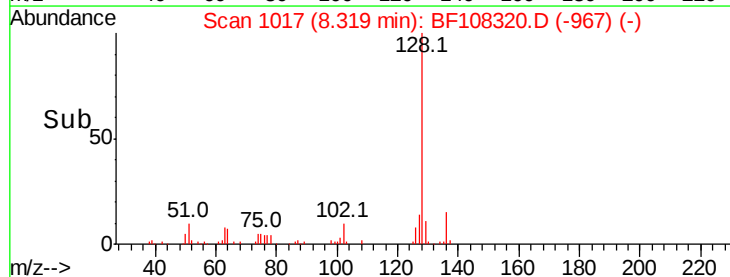
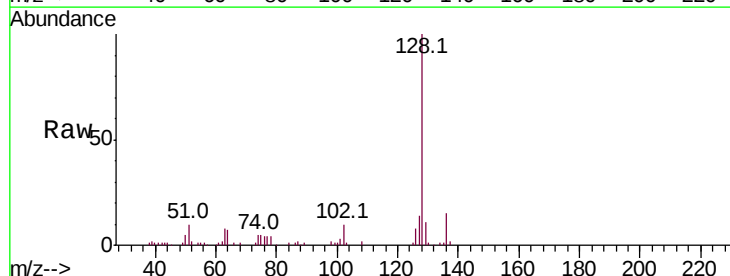
Instrument :
BNA_F
ClientSampleId :
TP-12

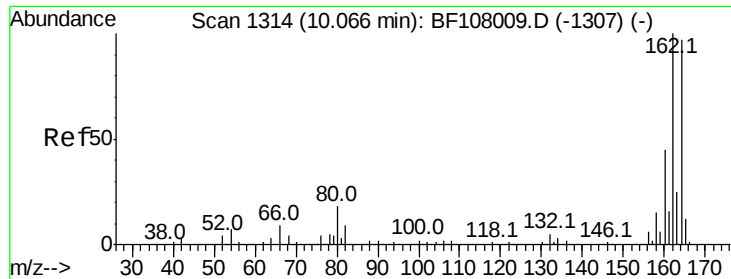
Tot Ion: 82 Resp: 1165451
Ion Ratio Lower Upper
82 100
128 41.8 36.1 54.1
54 58.0 41.4 62.2



#31
Naphthalene
Concen: 2.213 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF108320.D
Acq: 21 Aug 2018 5:54

Tgt Ion:128 Resp: 61196
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 14.0 10.9 16.3

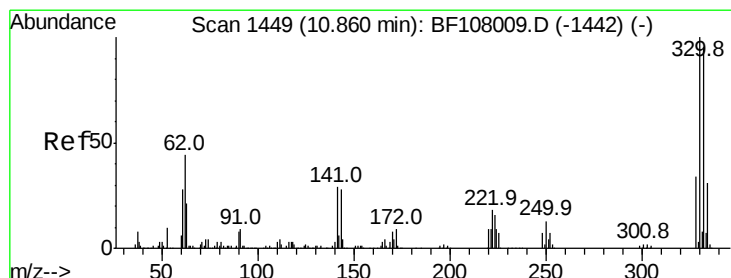
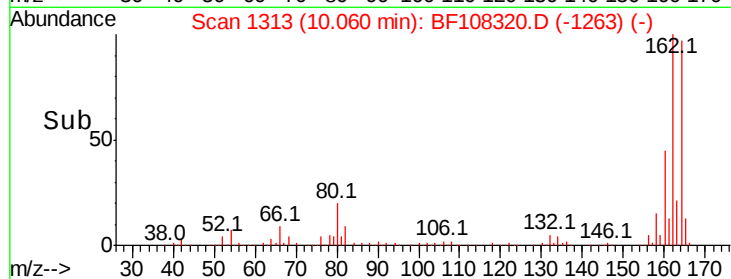
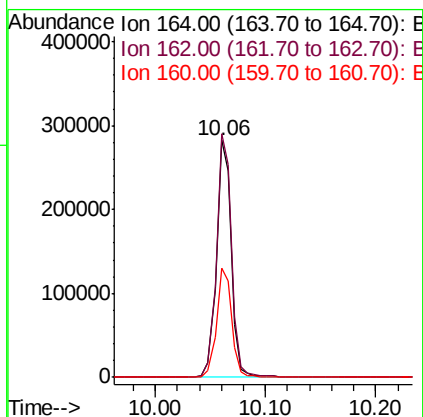
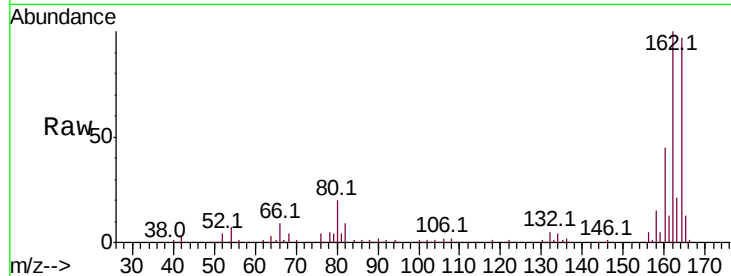




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108320.D
 Acq: 21 Aug 2018 5:54

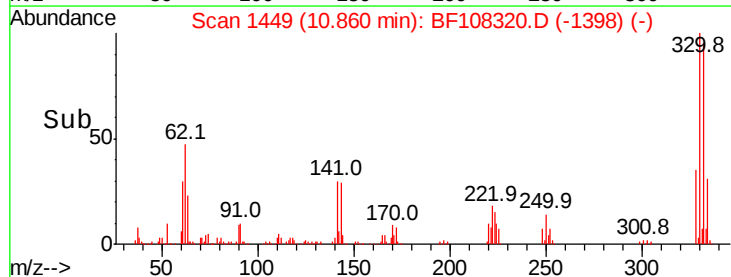
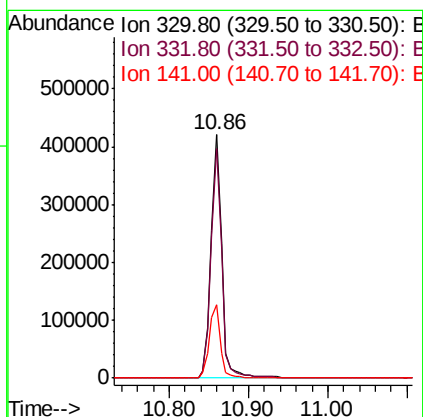
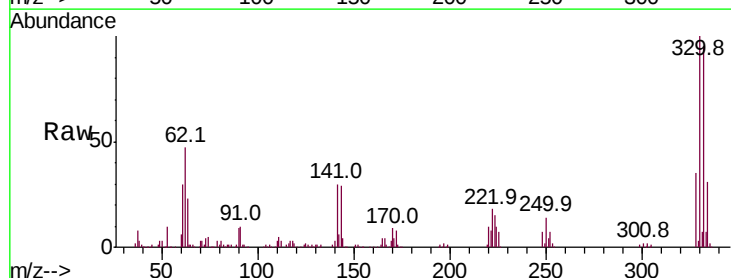
Instrument :
 BNA_F
 ClientSampleId :
 TP-12

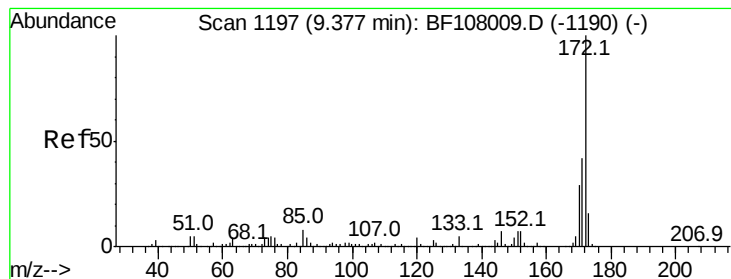
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	46.1	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 152.468 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108320.D
 Acq: 21 Aug 2018 5:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	31.2	29.9	44.9



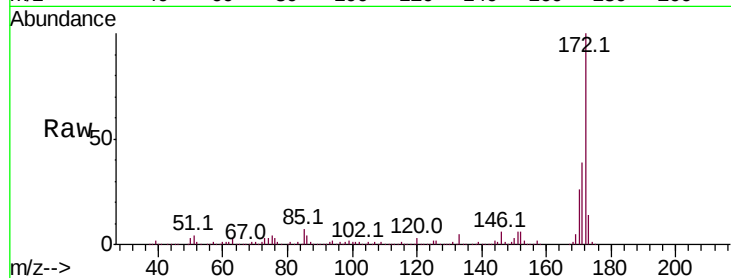


#44
 2-Fluorobiphenyl
 Concen: 116.988 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108320.D
 Acq: 21 Aug 2018 5:54

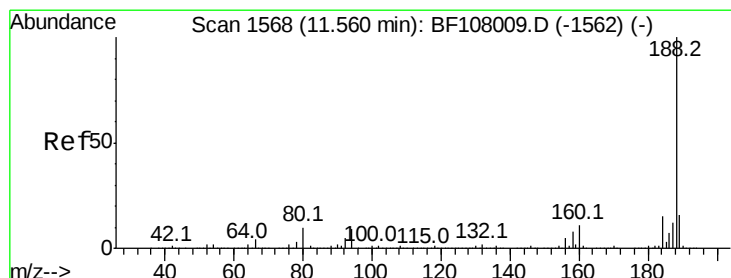
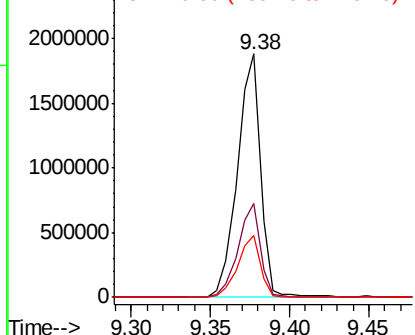
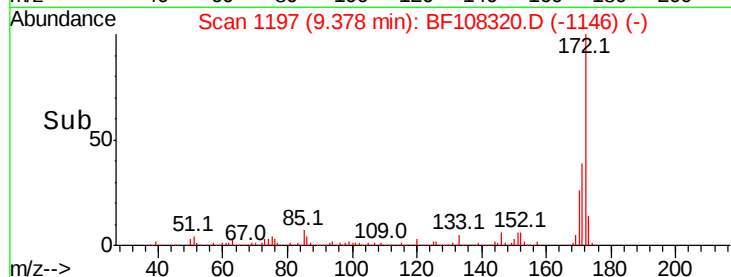
Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Tot Ion:172 Resp: 1907402

Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.7	44.5
170	25.6	19.6	29.4



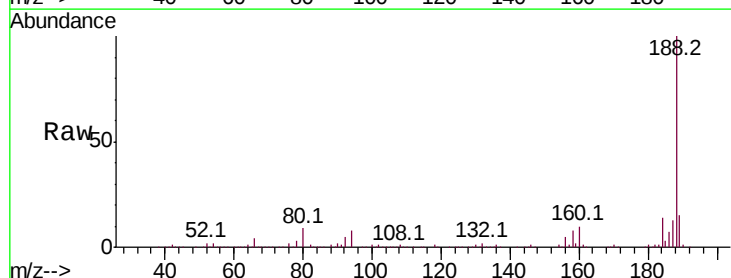
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



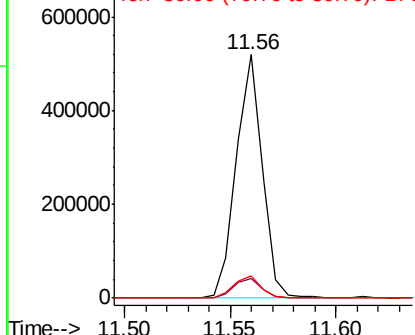
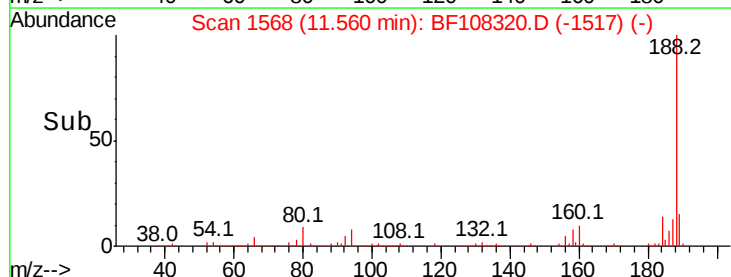
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108320.D
 Acq: 21 Aug 2018 5:54

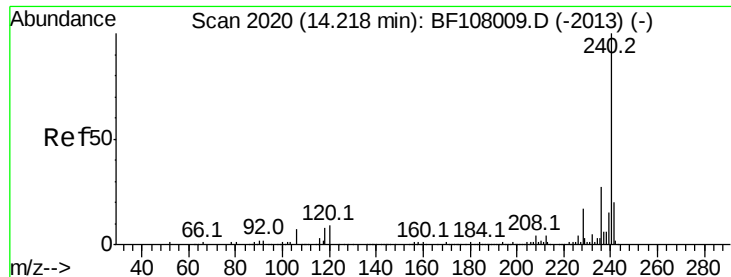
Tgt Ion:188 Resp: 442404

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	9.0	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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108320.D

Acq: 21 Aug 2018 5:54

Instrument :

BNA_F

ClientSampleId :

TP-12

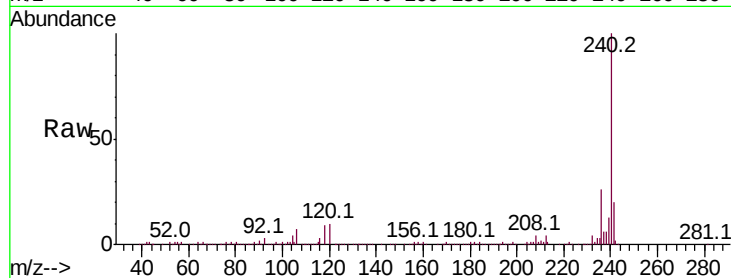
Tot Ion:240 Resp: 312605

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

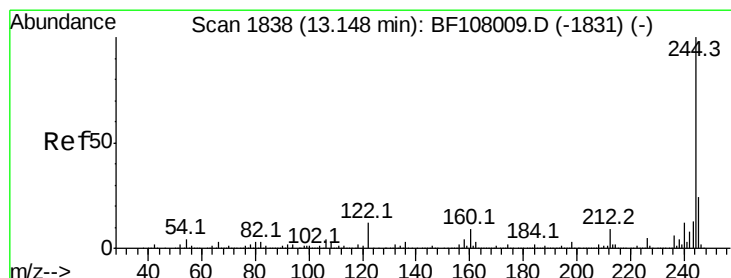
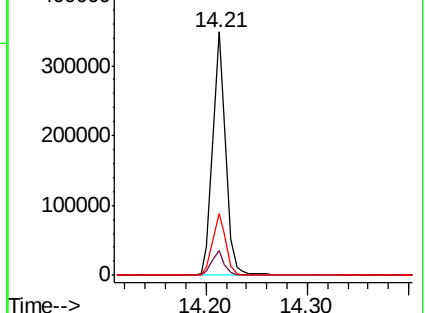
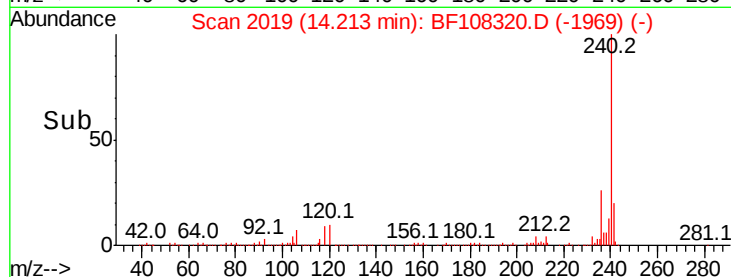
236 25.5 20.7 31.1



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: 139.851 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108320.D

Acq: 21 Aug 2018 5:54

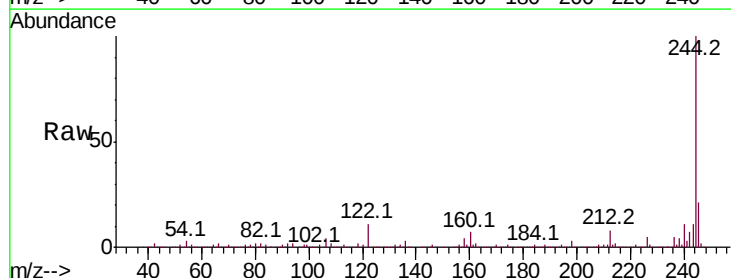
Tgt Ion:244 Resp: 1719442

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

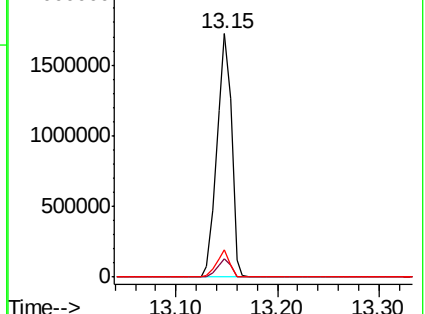
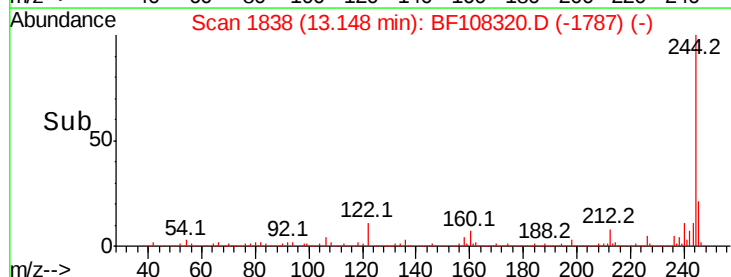
122 11.0 11.0 16.4

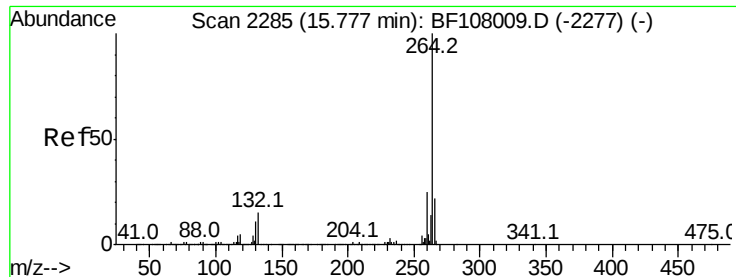


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.78 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: BF108320.D
 Acq: 21 Aug 2018 5:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Tot Ion:	264	Resp:	233857
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.9	17.5	26.3

