

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108376.D
 Acq On : 22 Aug 2018 9:22
 Operator : JU/SJ
 Sample : J4555-05 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: Aug 22 11:27:48 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 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	143940	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	549730	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	255874	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	411159	20.00	ng	0.00
75) Chrysene-d12	14.20	240	301913	20.00	ng	0.00
86) Perylene-d12	15.76	264	259166	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	78263	9.84	ng	-0.01
7) Phenol-d6	6.61	99	108366	10.26	ng	-0.02
23) Nitrobenzene-d5	7.56	82	66034	6.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	19839	7.77	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	123243	7.73	ng	0.00
78) Terphenyl-d14	13.13	244	86469	7.28	ng	0.00

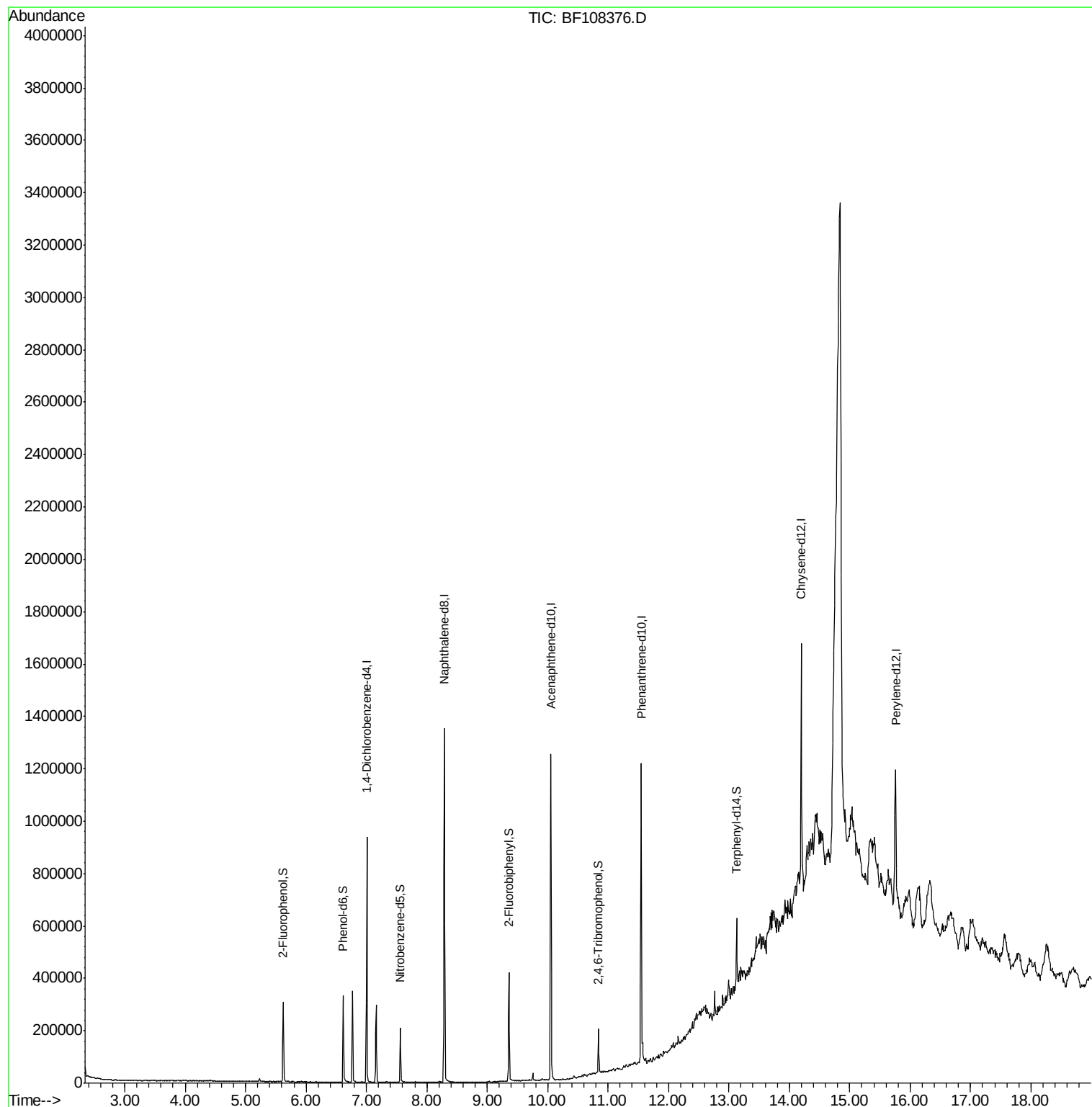
Target Compounds Qvalue

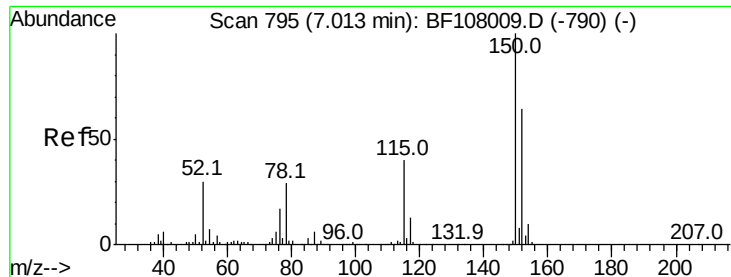
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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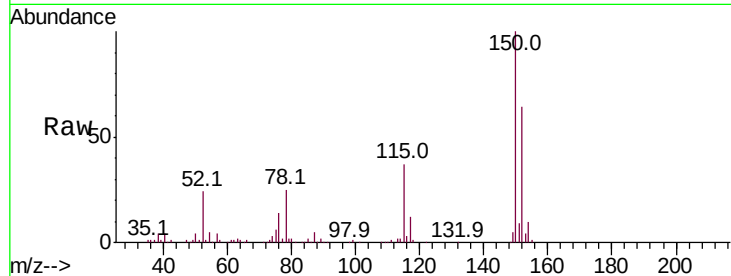


#1

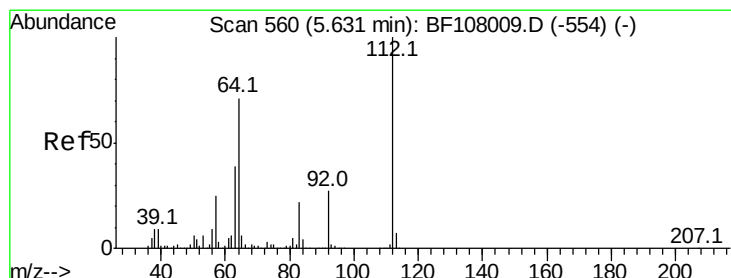
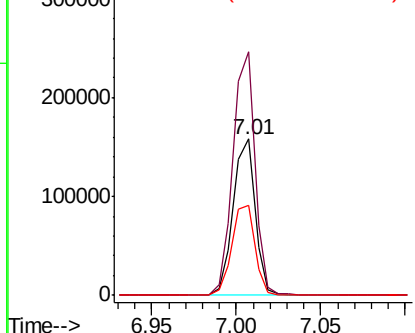
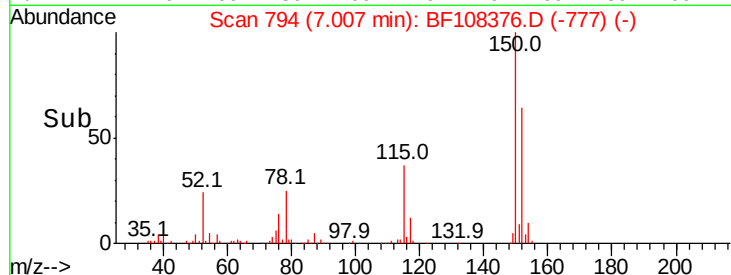
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108376.D
Acq: 22 Aug 2018 9:22

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	57.5	50.1	75.1



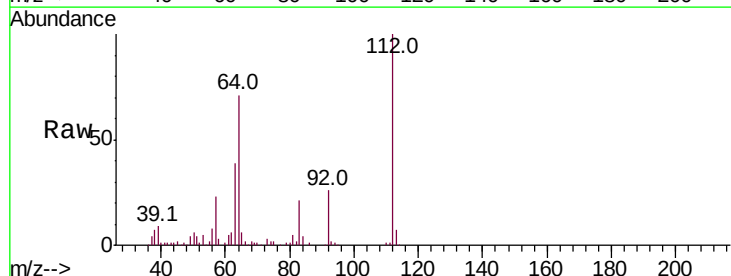
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



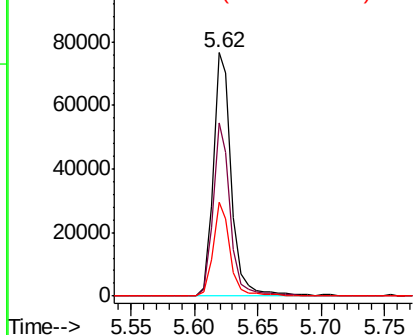
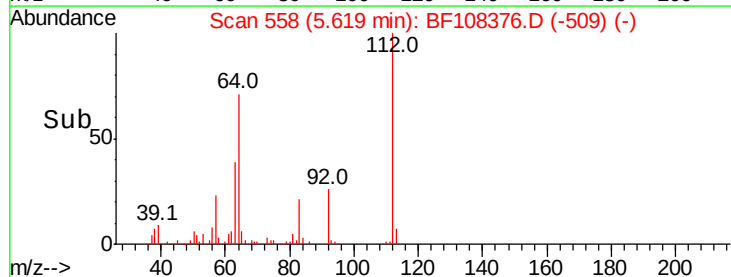
#5

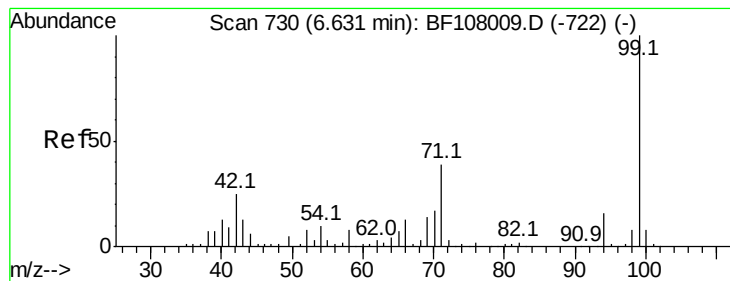
2-Fluorophenol
Concen: 9.844 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108376.D
Acq: 22 Aug 2018 9:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	47.9	71.9
63	38.7	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: 10.257 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108376.D

Acq: 22 Aug 2018 9:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

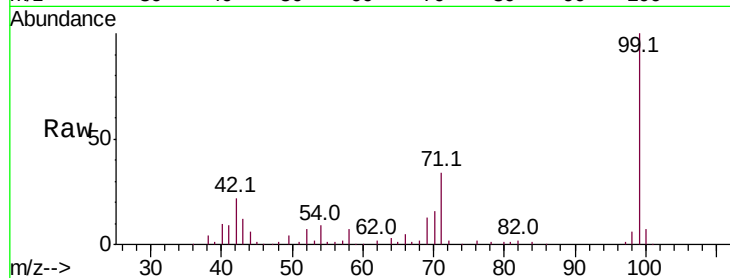
Tot Ion: 99 Resp: 108366

Ion Ratio Lower Upper

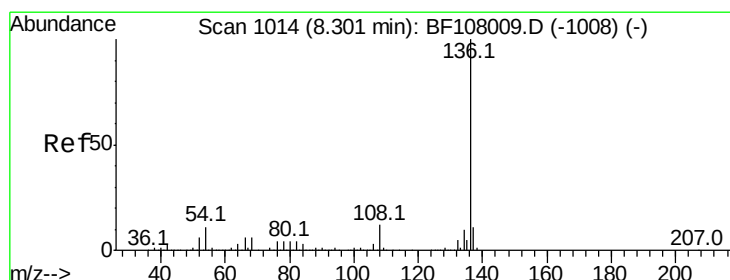
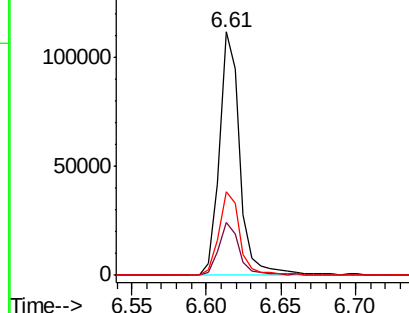
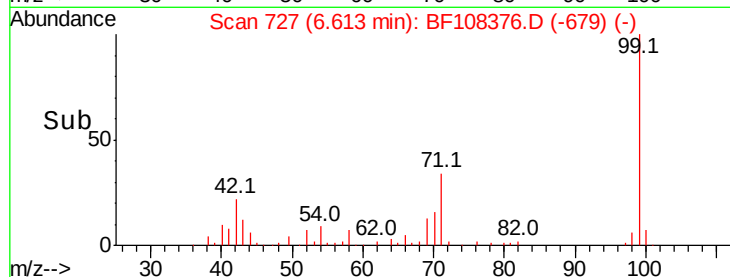
99 100

42 21.6 14.5 21.7

71 34.5 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. -0.00 min

Lab File: BF108376.D

Acq: 22 Aug 2018 9:22

Tgt Ion: 136 Resp: 549730

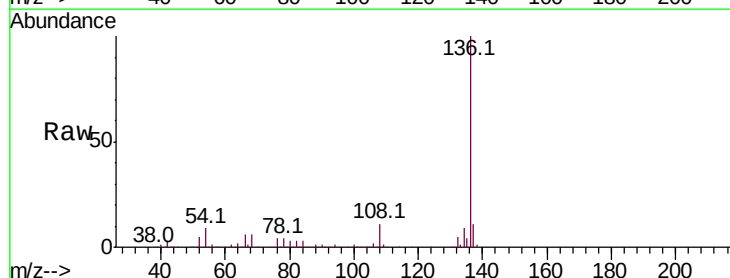
Ion Ratio Lower Upper

136 100

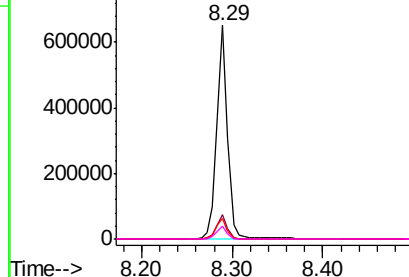
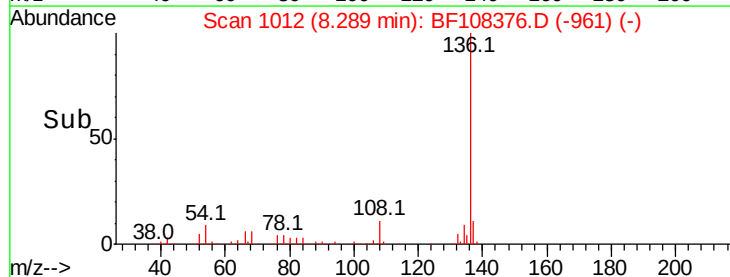
137 11.1 8.9 13.3

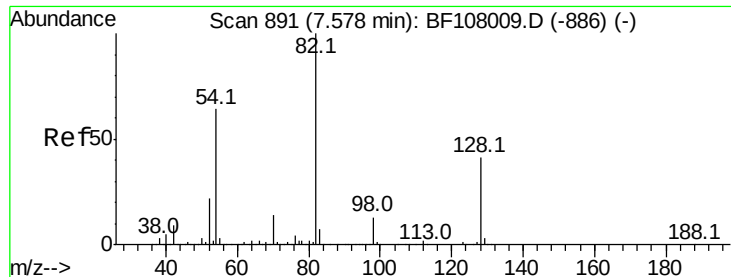
54 9.5 6.6 9.8

68 5.8 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

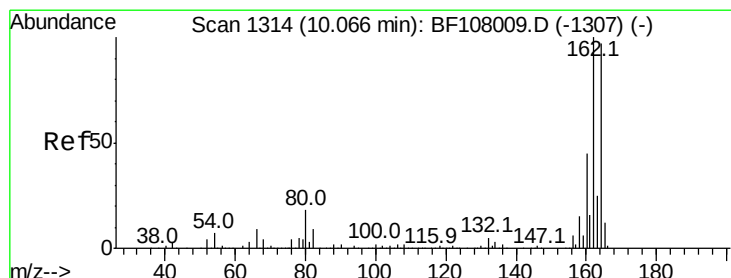
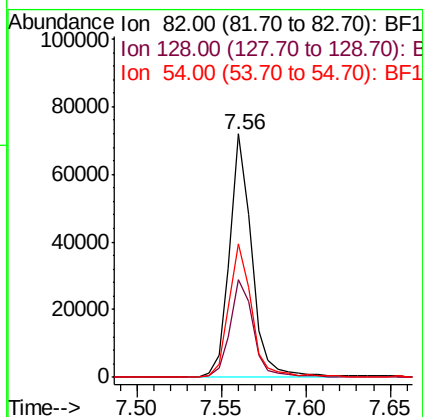
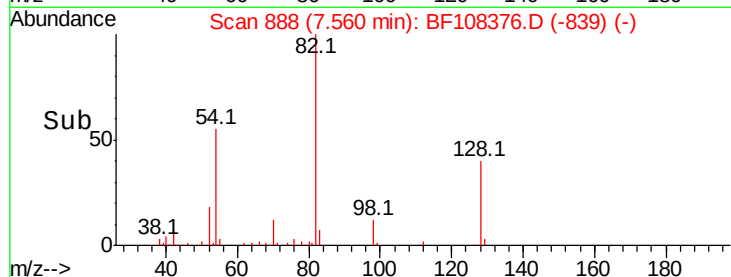
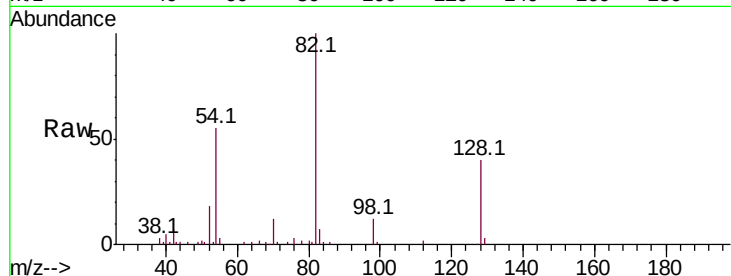




#23
 Nitrobenzene-d5
 Concen: 6.703 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108376.D
 Acq: 22 Aug 2018 9:22

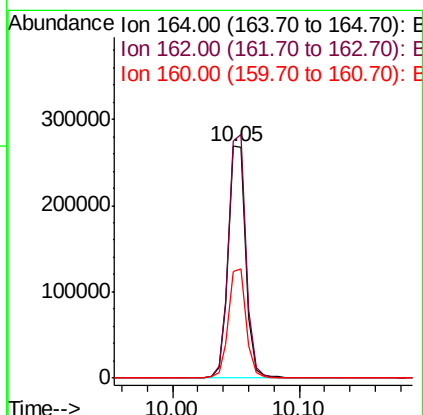
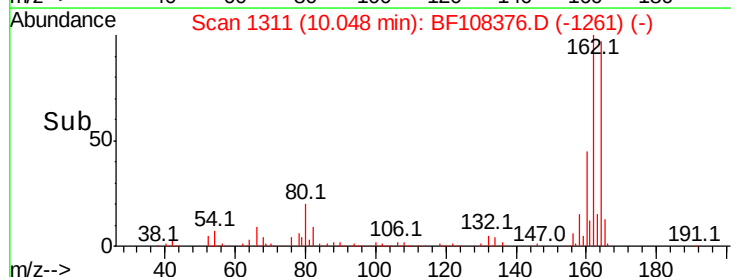
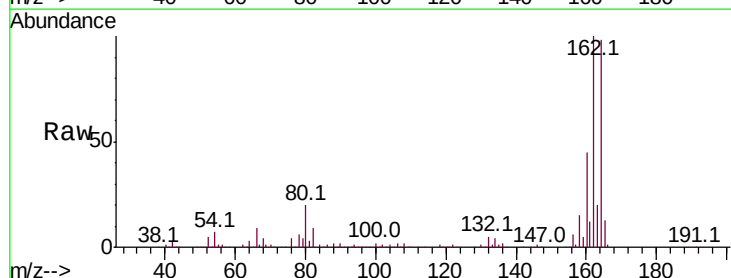
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

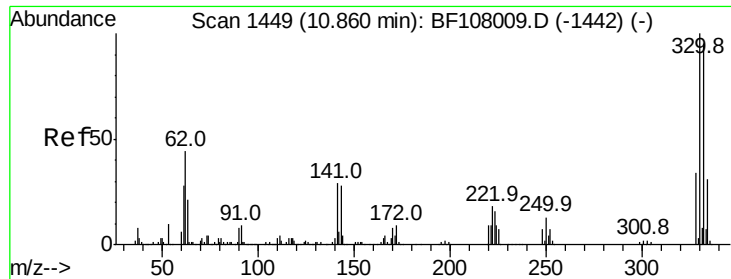
Tot Ion: 82 Resp: 66034
 Ion Ratio Lower Upper
 82 100
 128 39.9 36.1 54.1
 54 55.0 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108376.D
 Acq: 22 Aug 2018 9:22

Tgt Ion: 164 Resp: 255874
 Ion Ratio Lower Upper
 164 100
 162 102.1 86.1 129.1
 160 46.1 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 7.773 ng

RT: 10.84 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF108376.D

Acq: 22 Aug 2018 9:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

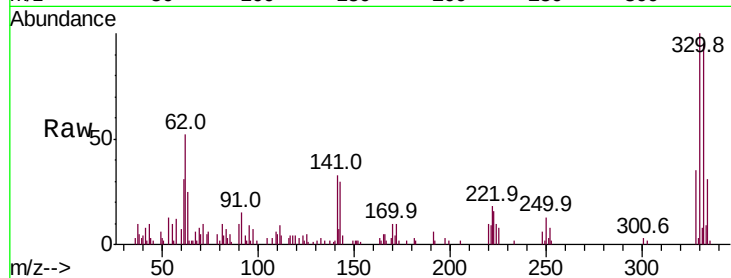
Tot Ion:330 Resp: 19839

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

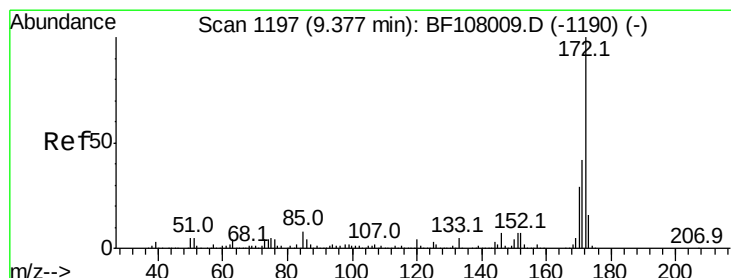
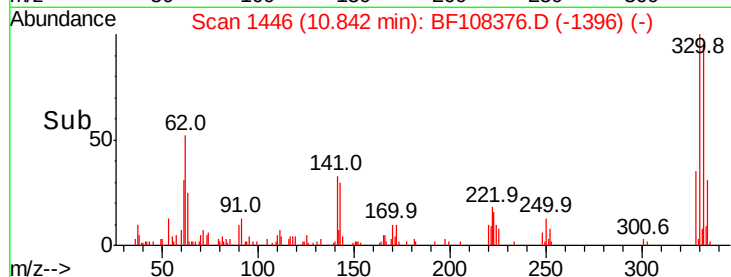
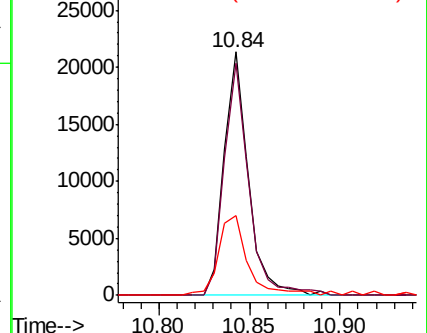
141 39.7 29.9 44.9



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: 7.733 ng

RT: 9.36 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF108376.D

Acq: 22 Aug 2018 9:22

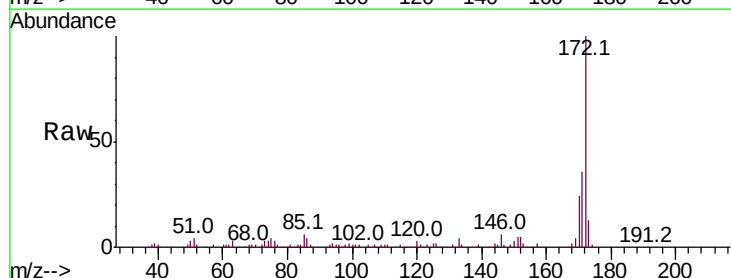
Tgt Ion:172 Resp: 123243

Ion Ratio Lower Upper

172 100

171 35.8 29.7 44.5

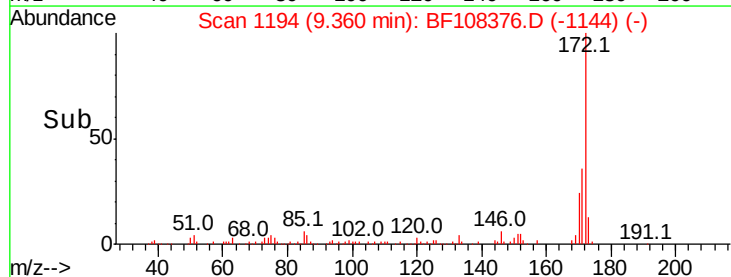
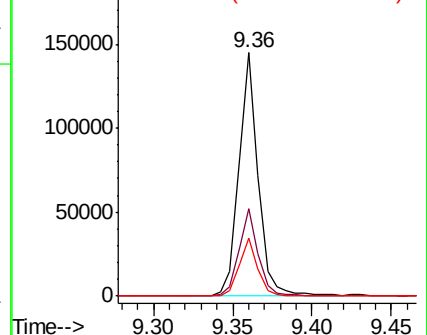
170 23.6 19.6 29.4

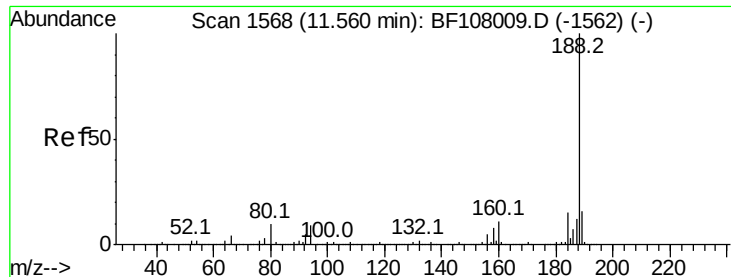


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

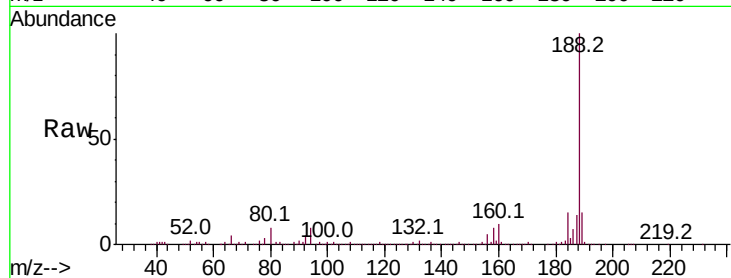




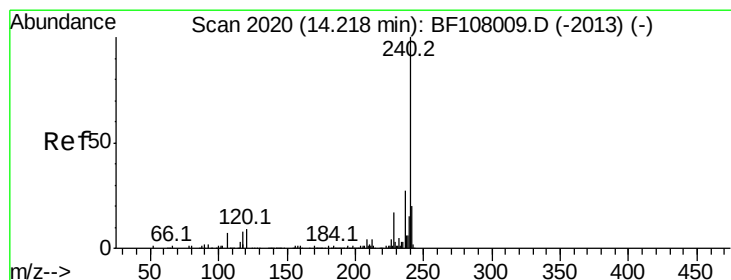
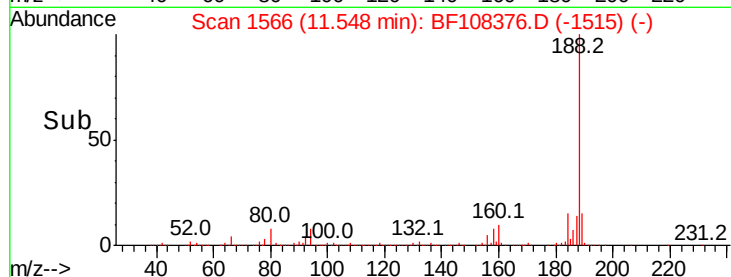
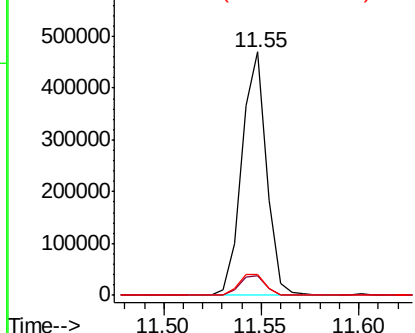
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF108376.D
 Acq: 22 Aug 2018 9:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion:188 Resp: 411159
 Ion Ratio Lower Upper
 188 100
 94 8.1 8.5 12.7#
 80 8.5 9.2 13.8#

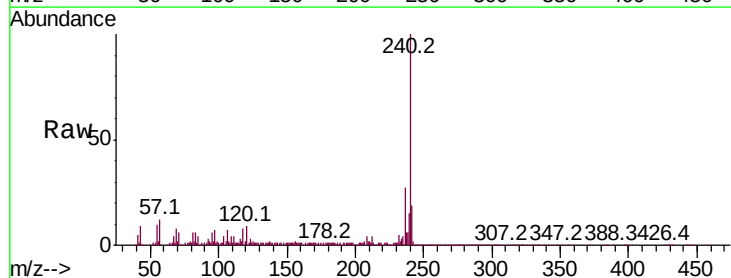


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

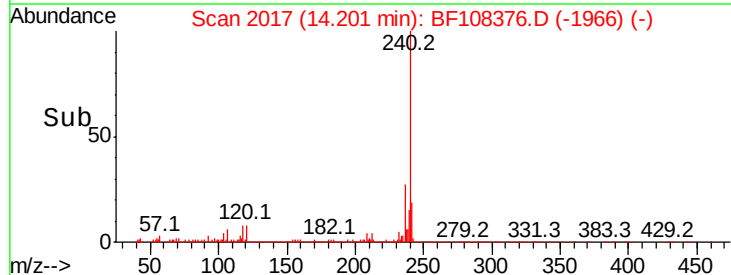
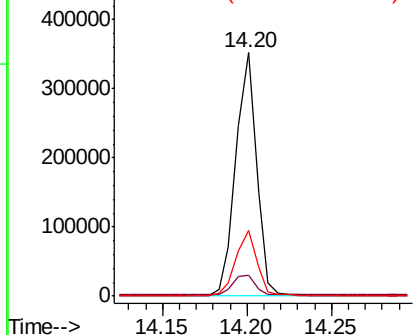


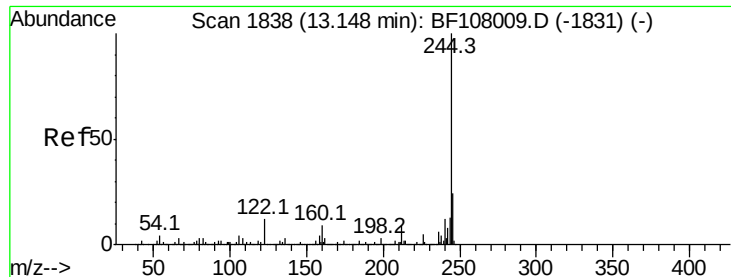
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.20 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF108376.D
 Acq: 22 Aug 2018 9:22

Tgt Ion:240 Resp: 301913
 Ion Ratio Lower Upper
 240 100
 120 8.7 9.5 14.3#
 236 26.8 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: 7.282 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108376.D

Acq: 22 Aug 2018 9:22

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

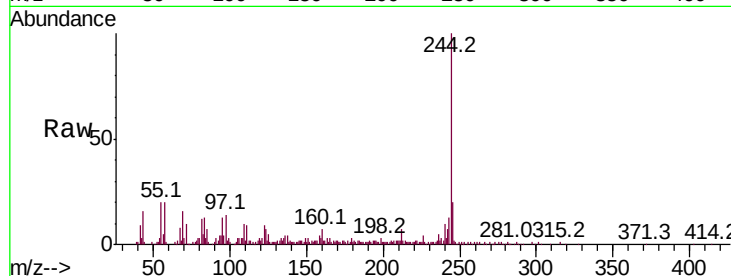
Tot Ion:244 Resp: 86469

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

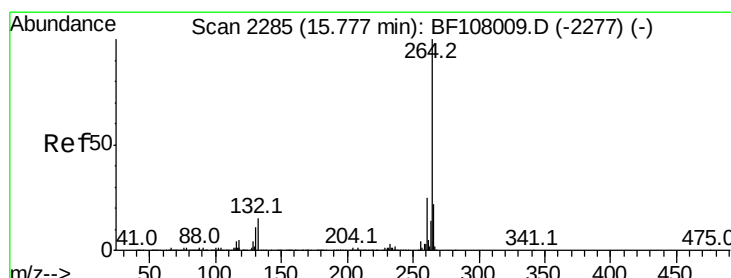
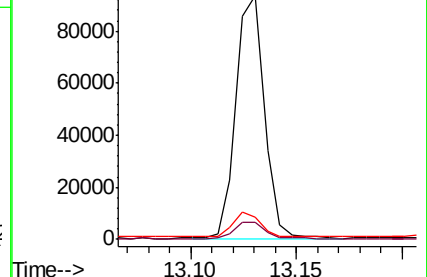
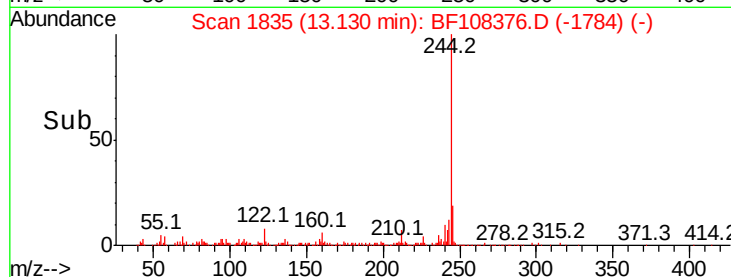
122 9.2 11.0 16.4#



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: 15.76 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BF108376.D

Acq: 22 Aug 2018 9:22

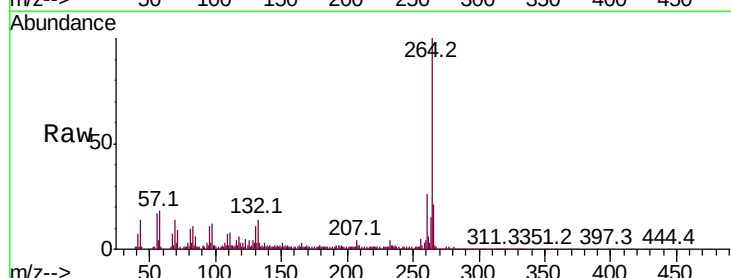
Tgt Ion:264 Resp: 259166

Ion Ratio Lower Upper

264 100

260 25.6 19.2 28.8

265 21.4 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

