

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110356.D
 Acq On : 1 Nov 2018 2:51
 Operator : JU/SJ
 Sample : J5731-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 103018-DBRI-E-D-S

Quant Time: Nov 01 05:30:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

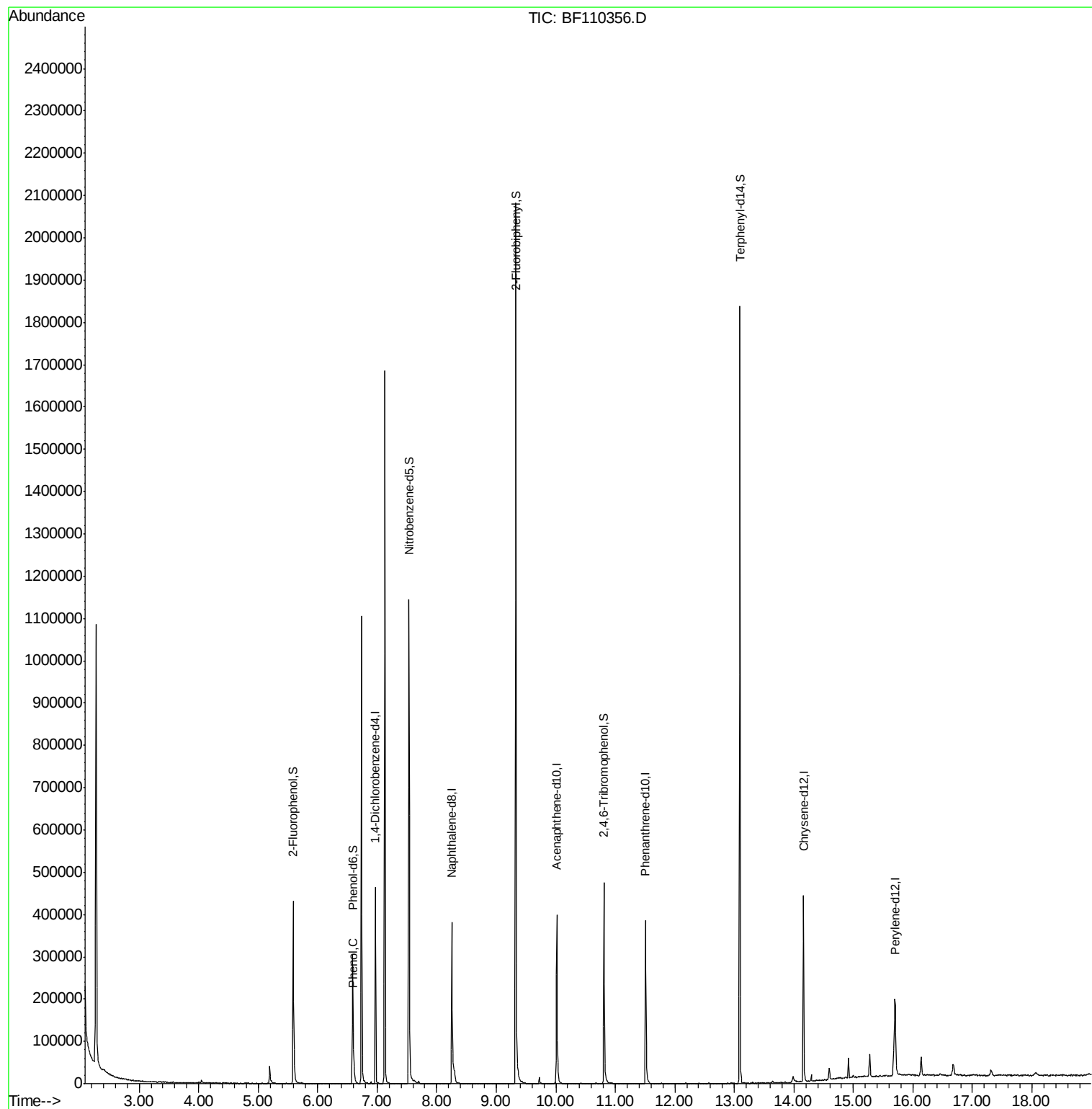
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	65360	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	238078	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	94459	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	164480	20.00	ng	0.00
76) Chrysene-d12	14.16	240	158878	20.00	ng	0.00
87) Perylene-d12	15.70	264	102121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	142102	35.40	ng	0.00
7) Phenol-d6	6.59	99	103840	20.23	ng	-0.02
23) Nitrobenzene-d5	7.53	82	365485	91.05	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	68449	73.15	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	662674	110.16	ng	0.00
79) Terphenyl-d14	13.09	244	601345	78.72	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	19394	3.534	ng	Qvalue # 68

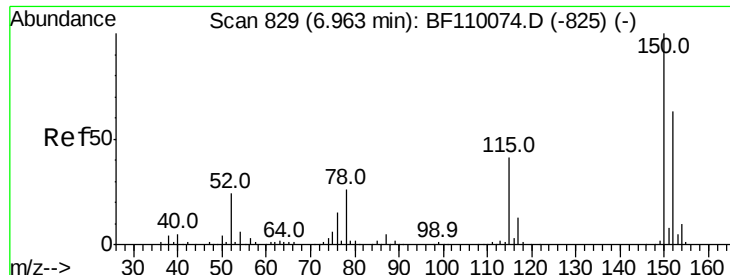
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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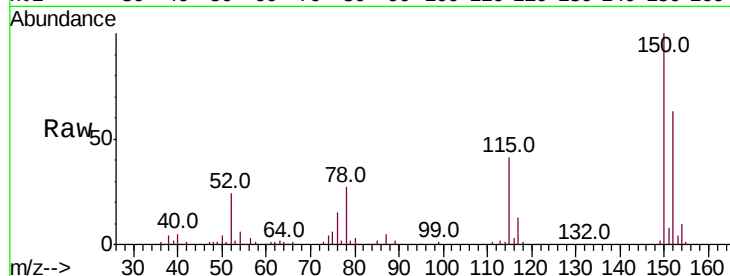


#1

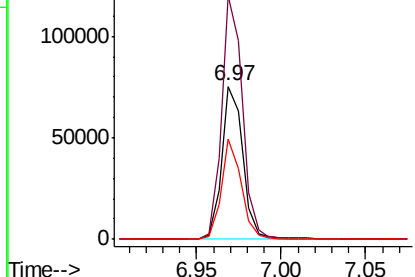
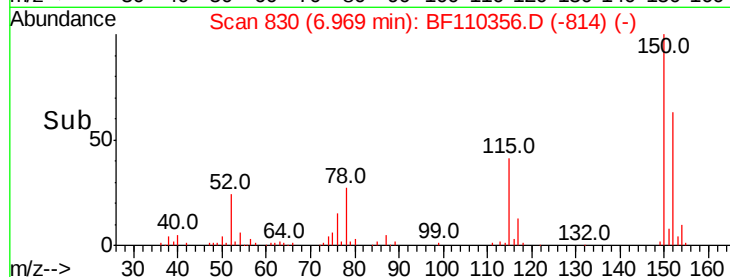
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110356.D
Acq: 1 Nov 2018 2:51

Instrument :
BNA_F
ClientSampleId :
103018-DBRI-E-D-S

Tot Ion:152 Resp: 65360
Ion Ratio Lower Upper
152 100
150 158.7 122.7 184.1
115 65.5 49.1 73.7



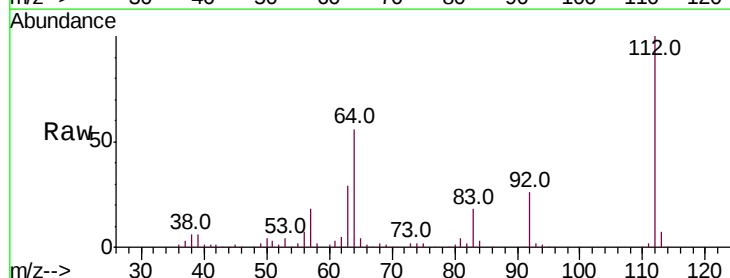
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



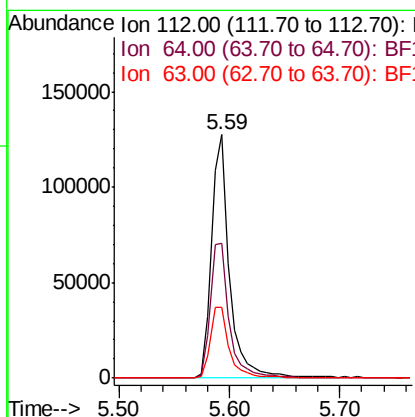
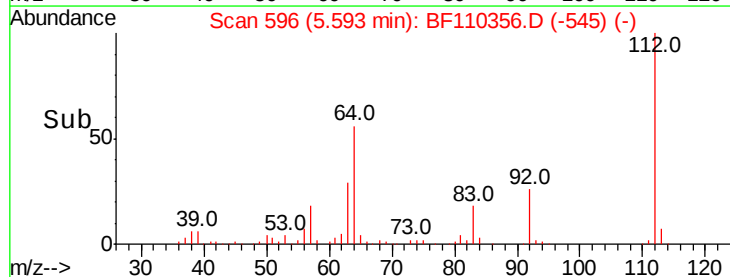
#5

2-Fluorophenol
Concen: 35.405 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF110356.D
Acq: 1 Nov 2018 2:51

Tgt Ion:112 Resp: 142102
Ion Ratio Lower Upper
112 100
64 55.5 44.1 66.1
63 29.2 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: 20.227 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110356.D

Acq: 1 Nov 2018 2:51

Instrument :

BNA_F

ClientSampleId :

103018-DBRI-E-D-S

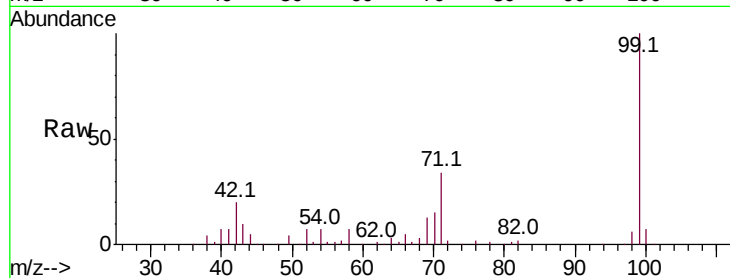
Tot Ion: 99 Resp: 103840

Ion Ratio Lower Upper

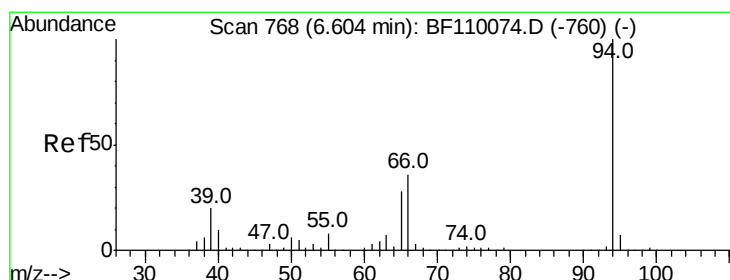
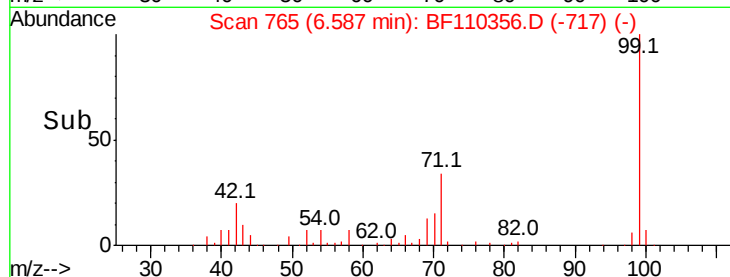
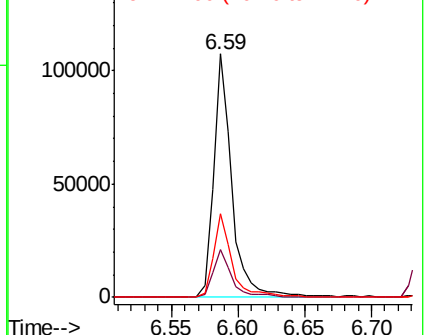
99 100

42 19.7 15.8 23.6

71 34.2 28.0 42.0



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



#10

Phenol

Concen: 3.534 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110356.D

Acq: 1 Nov 2018 2:51

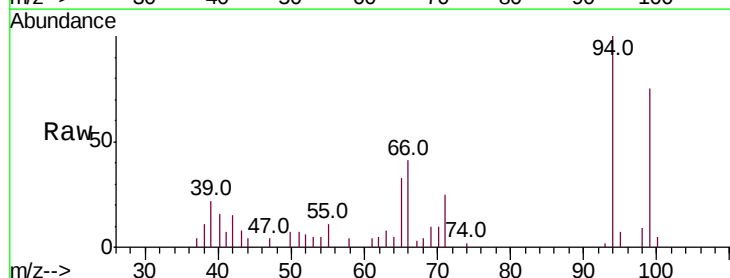
Tgt Ion: 94 Resp: 19394

Ion Ratio Lower Upper

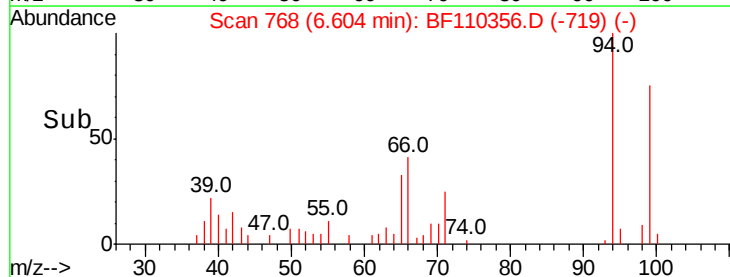
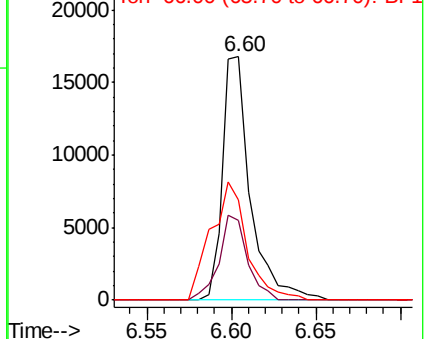
94 100

65 32.7 25.3 65.3

66 40.9 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

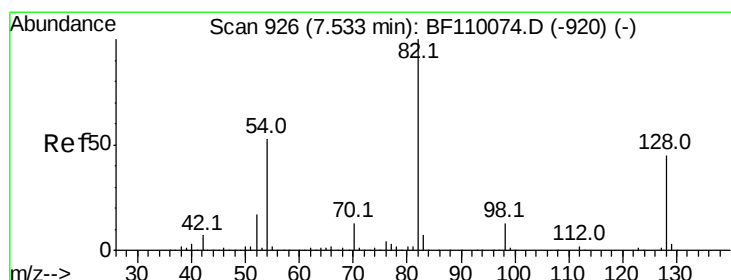
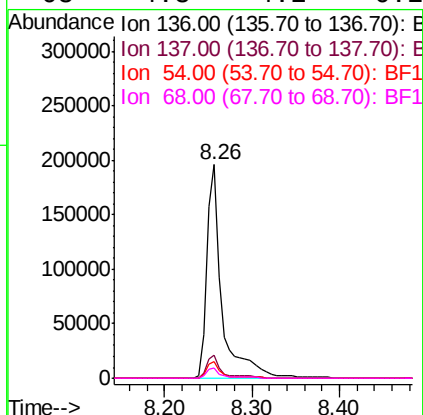
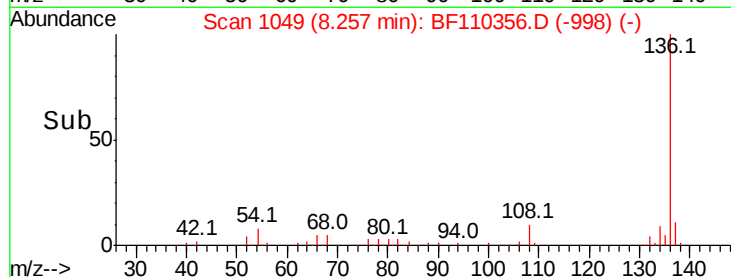
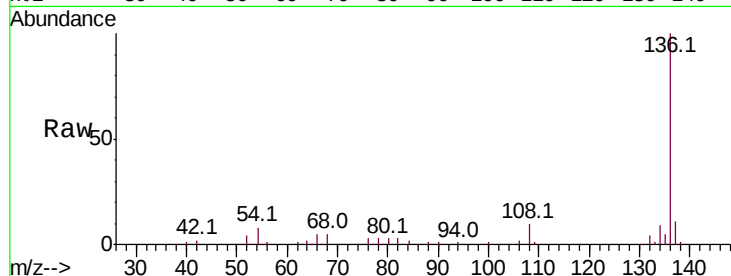




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF110356.D
Acq: 1 Nov 2018 2:51

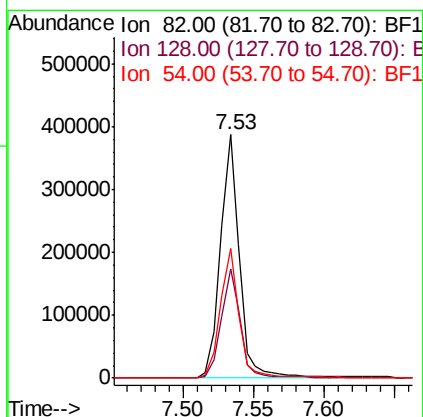
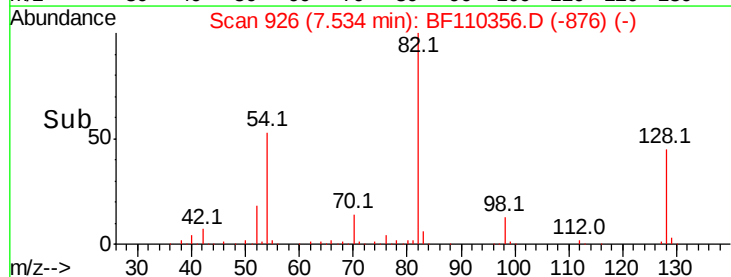
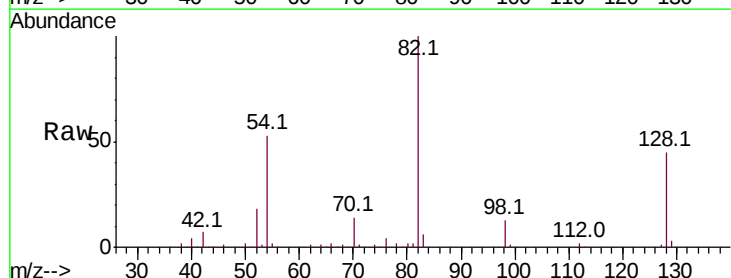
Instrument :
BNA_F
ClientSampleId :
103018-DBRI-E-D-S

Tot Ion:	136	Resp:	238078
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.7	5.4	8.2
68	4.8	4.2	6.2



#23
Nitrobenzene-d5
Concen: 91.055 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF110356.D
Acq: 1 Nov 2018 2:51

Tgt Ion:	82	Resp:	365485
Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.2	51.2
54	53.2	38.6	58.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110356.D

Acq: 1 Nov 2018 2:51

Instrument :

BNA_F

ClientSampleId :

103018-DBRI-E-D-S

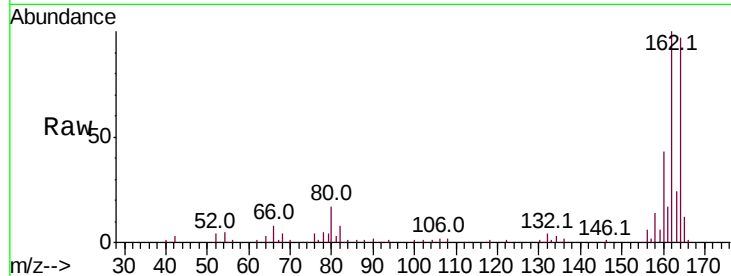
Tot Ion:164 Resp: 94459

Ion Ratio Lower Upper

164 100

162 103.0 83.0 124.6

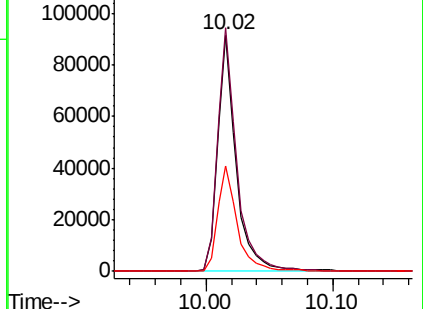
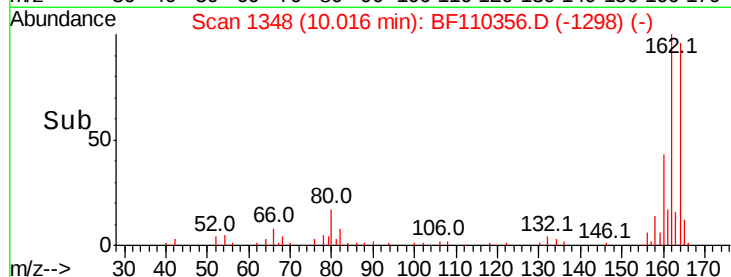
160 44.4 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 73.154 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF110356.D

Acq: 1 Nov 2018 2:51

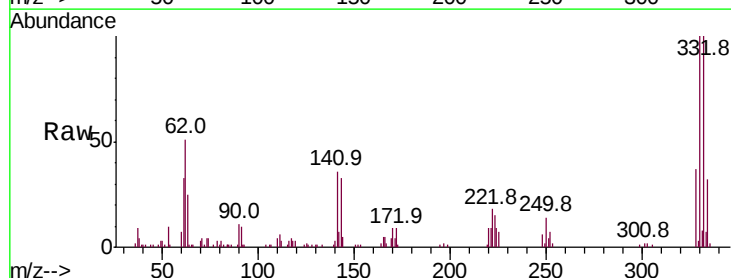
Tgt Ion:330 Resp: 68449

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

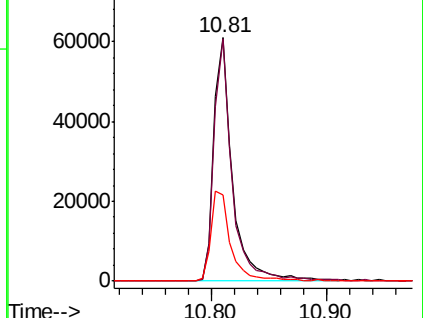
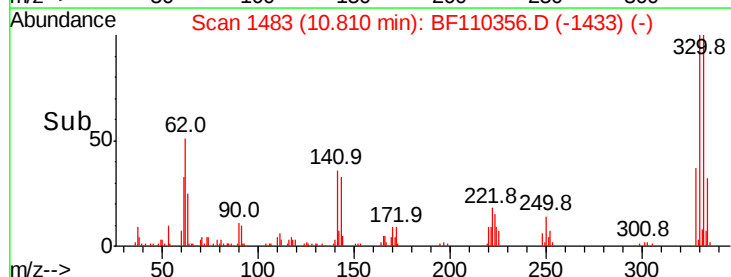
141 39.0 27.0 40.4

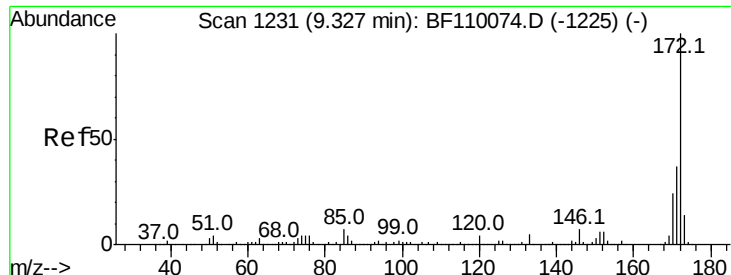


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

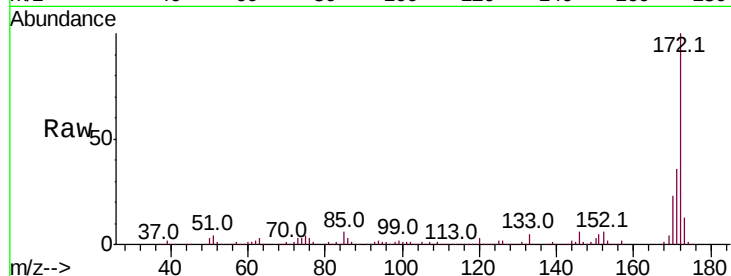




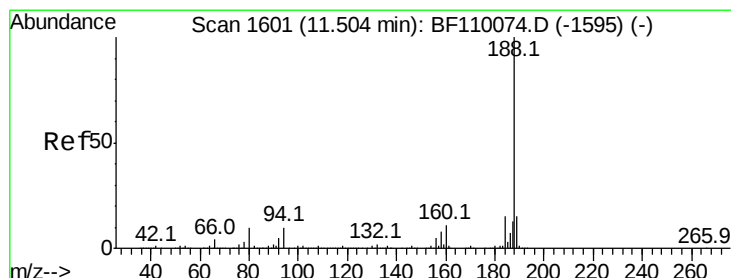
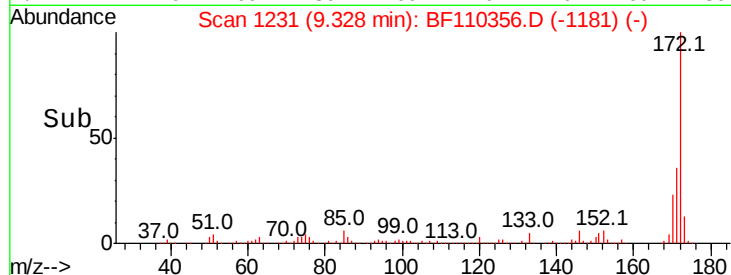
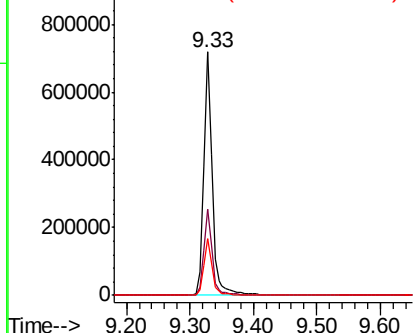
#45
 2-Fluorobiphenyl
 Concen: 110.161 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110356.D
 Acq: 1 Nov 2018 2:51

Instrument :
 BNA_F
 ClientSampleId :
 103018-DBRI-E-D-S

Tot Ion:172 Resp: 662674
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.2 19.7 29.5

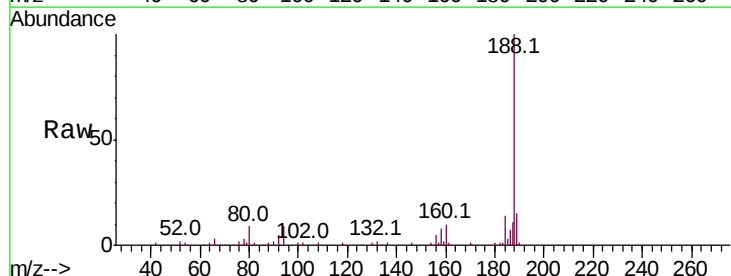


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

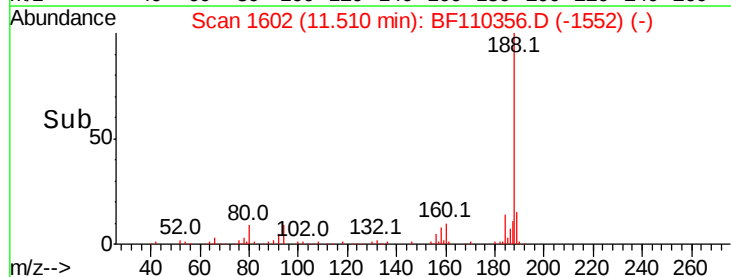
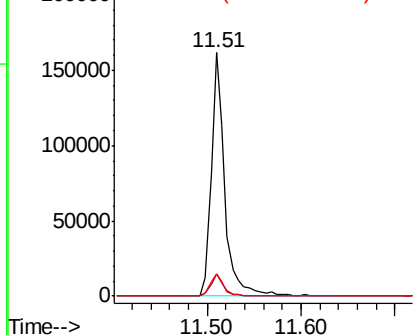


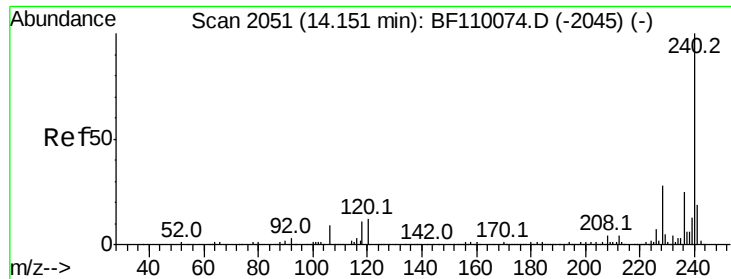
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF110356.D
 Acq: 1 Nov 2018 2:51

Tgt Ion:188 Resp: 164480
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.2 10.8
 80 9.3 7.9 11.9



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

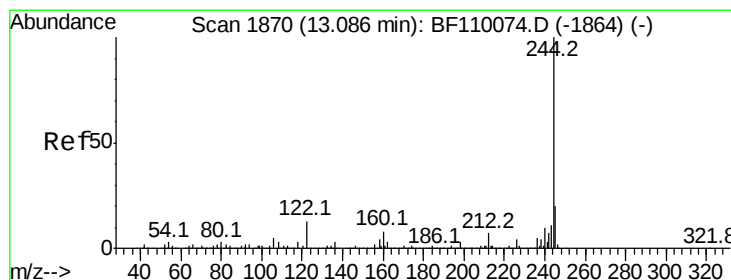
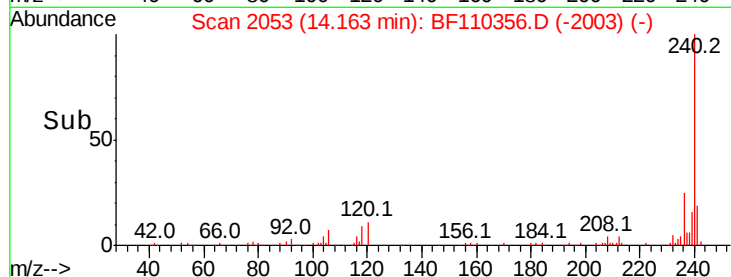
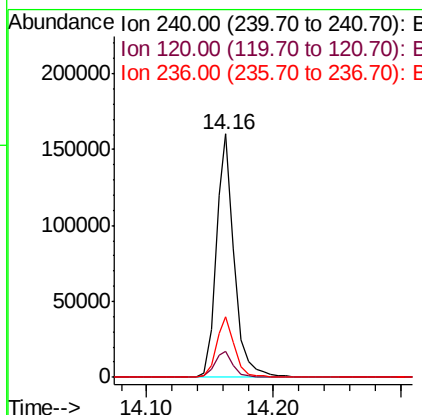
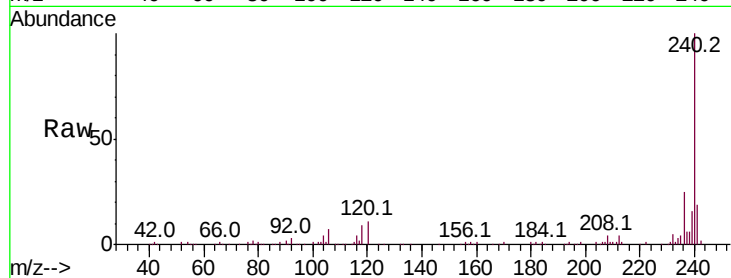




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF110356.D
 Acq: 1 Nov 2018 2:51

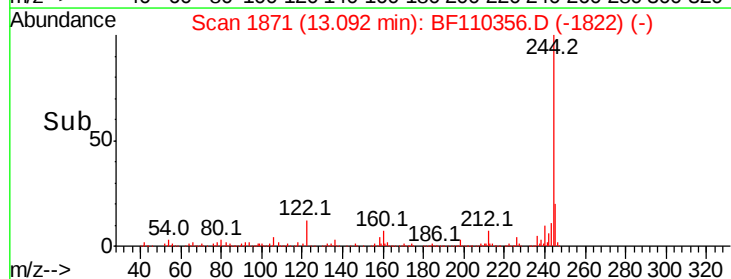
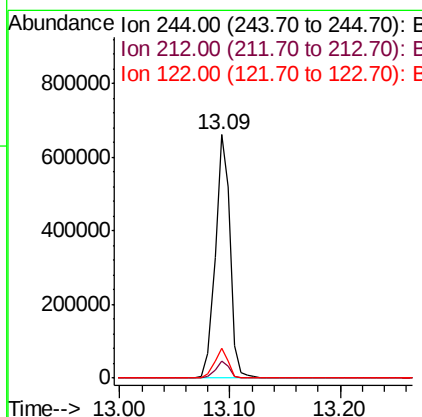
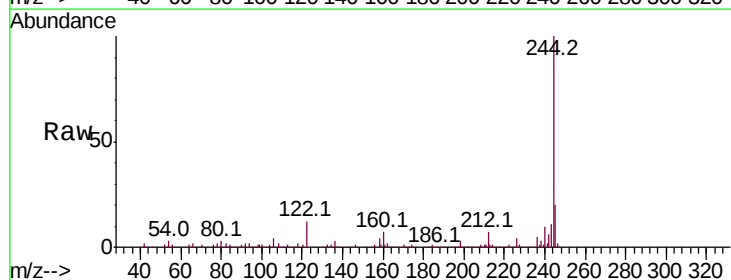
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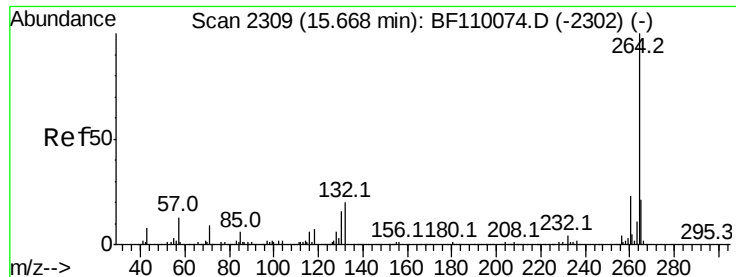
Tot Ion:240 Resp: 158878
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.3 12.5
 236 25.0 21.2 31.8



#79
 Terphenyl-d14
 Concen: 78.716 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF110356.D
 Acq: 1 Nov 2018 2:51

Tgt Ion:244 Resp: 601345
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 12.3 8.7 13.1

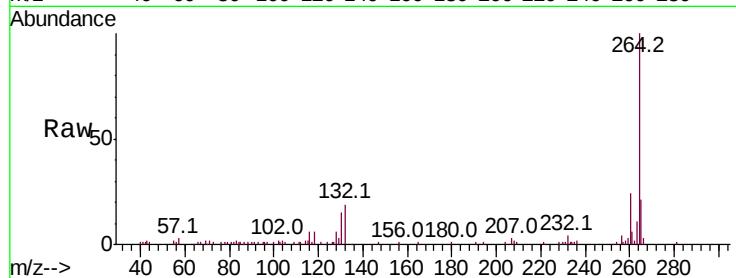




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BF110356.D
Acq: 1 Nov 2018 2:51

Instrument :
BNA_F
ClientSampleId :
103018-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.2	16.7	25.1



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

