

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF110026.D
 Acq On : 20 Oct 2018 2:53
 Operator : JU/SJ
 Sample : J5593-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101718-DBRI-E-U-S

Quant Time: Oct 20 06:08:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 20 01:53:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	189348	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	759541	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	331530	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	524749	20.00	ng	0.00
76) Chrysene-d12	14.14	240	368094	20.00	ng	0.00
87) Perylene-d12	15.67	264	299393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	458271	38.36	ng	0.00
7) Phenol-d6	6.58	99	348274	23.48	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1120418	99.37	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	230263	80.22	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1905966	91.73	ng	0.00
79) Terphenyl-d14	13.09	244	1350300	77.03	ng	0.00

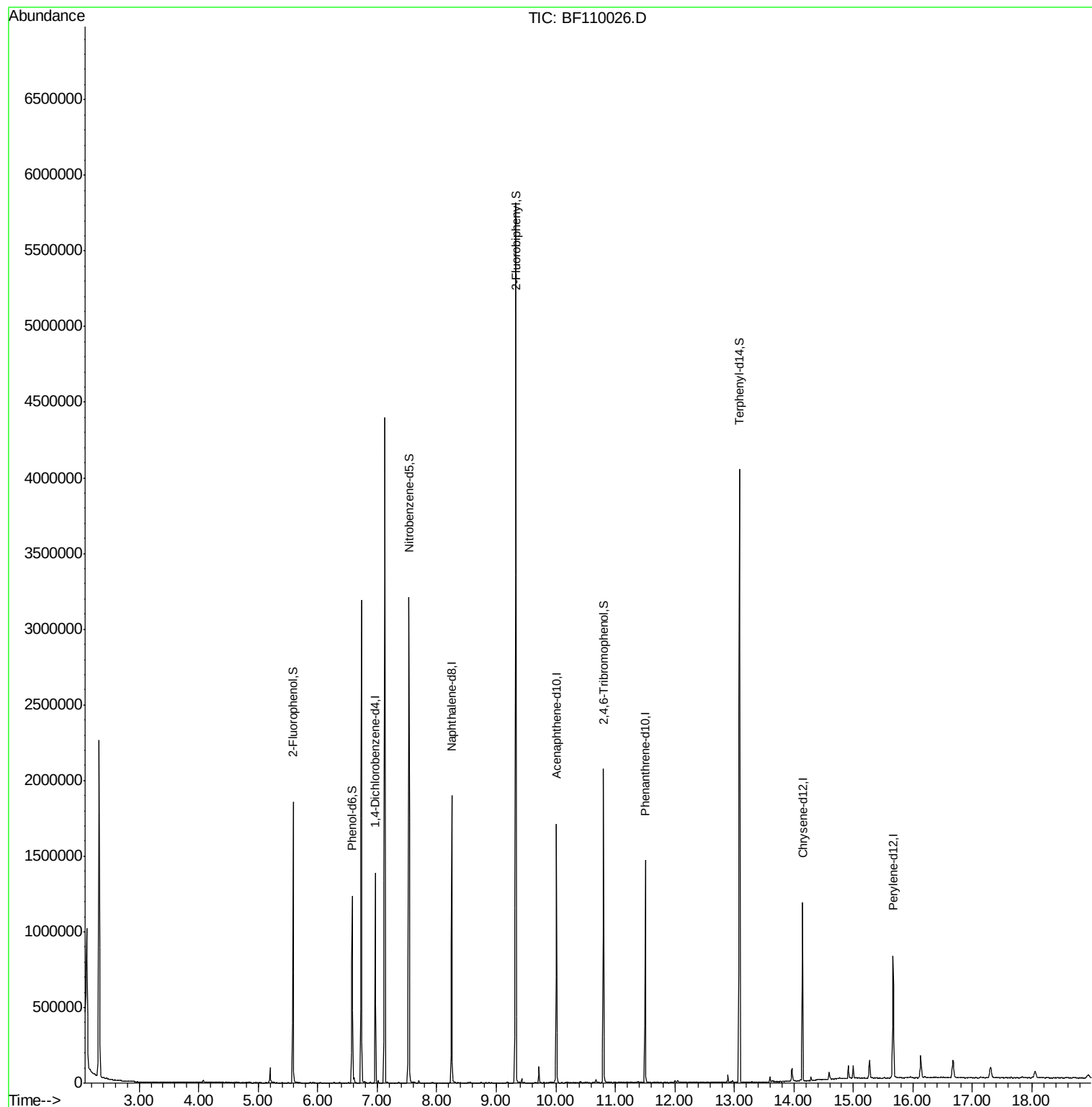
Target Compounds	Qvalue
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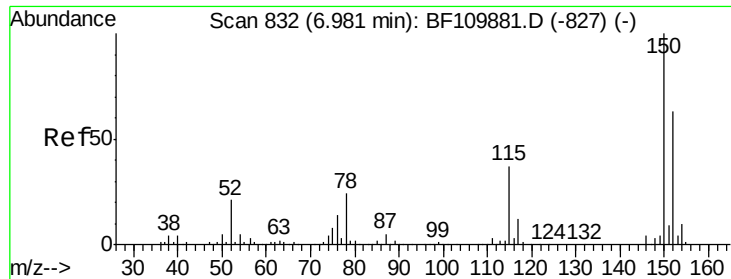
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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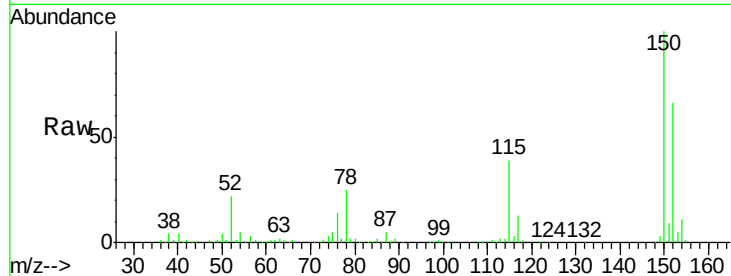


#1

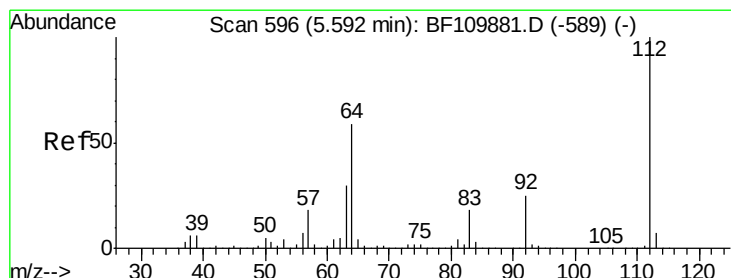
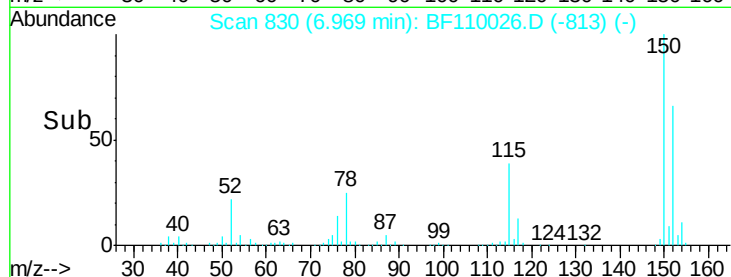
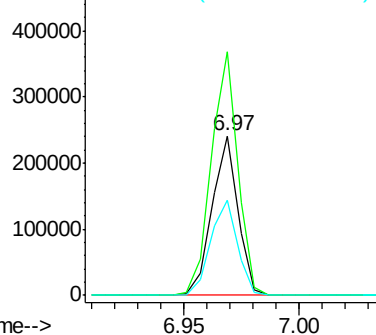
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110026.D
Acq: 20 Oct 2018 2:53

Instrument :
BNA_F
ClientSampleId :
101718-DBRI-E-U-S

Tgt Ion:152 Resp: 189348
Ion Ratio Lower Upper
152 100
150 152.5 122.7 184.1
115 59.6 49.1 73.7



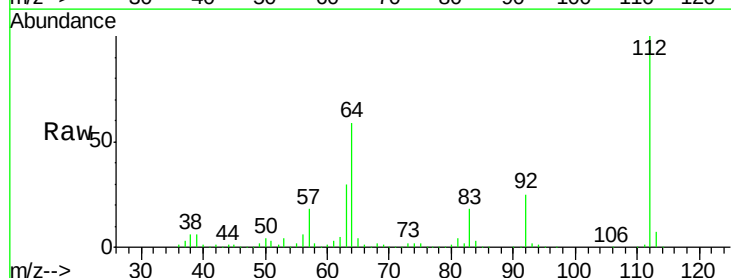
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



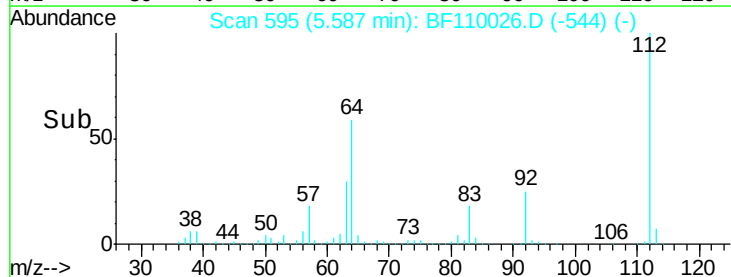
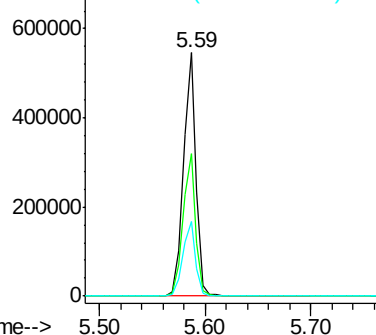
#5

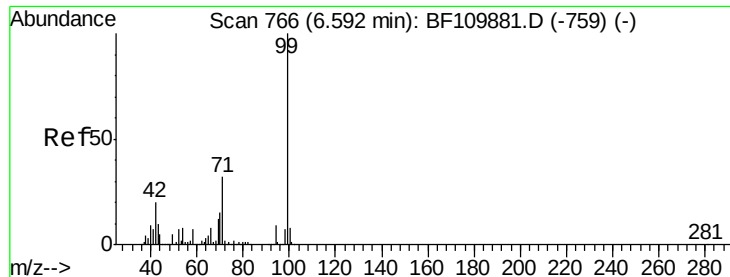
2-Fluorophenol
Concen: 38.364 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF110026.D
Acq: 20 Oct 2018 2:53

Tgt Ion:112 Resp: 458271
Ion Ratio Lower Upper
112 100
64 58.5 44.1 66.1
63 30.5 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: 23.480 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110026.D

Acq: 20 Oct 2018 2:53

Instrument :

BNA_F

ClientSampleId :

101718-DBRI-E-U-S

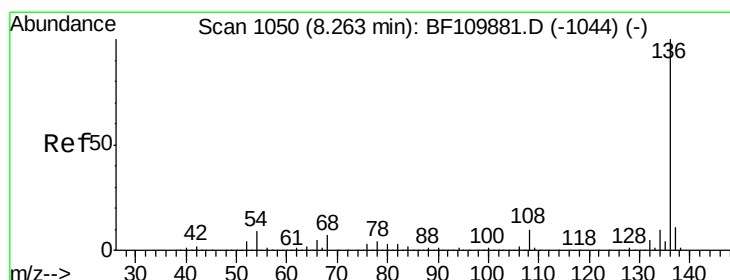
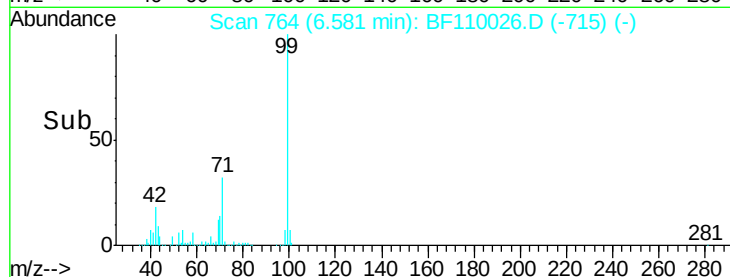
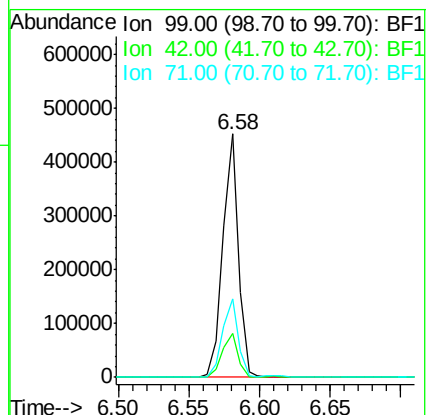
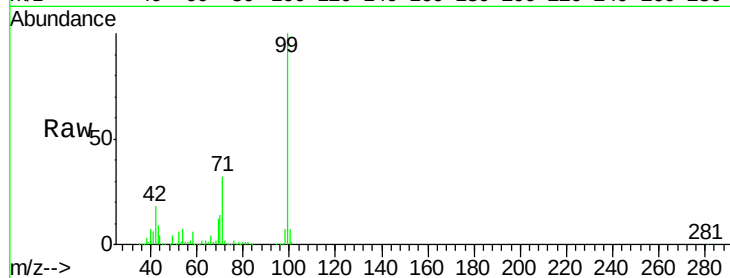
Tgt Ion: 99 Resp: 348274

Ion Ratio Lower Upper

99 100

42 18.2 15.8 23.6

71 32.2 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF110026.D

Acq: 20 Oct 2018 2:53

Tgt Ion: 136 Resp: 759541

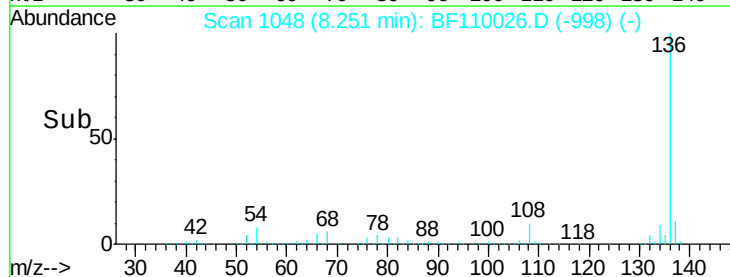
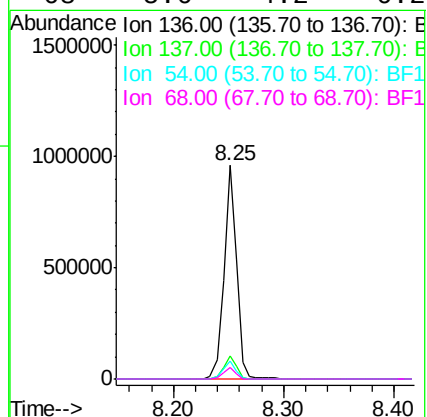
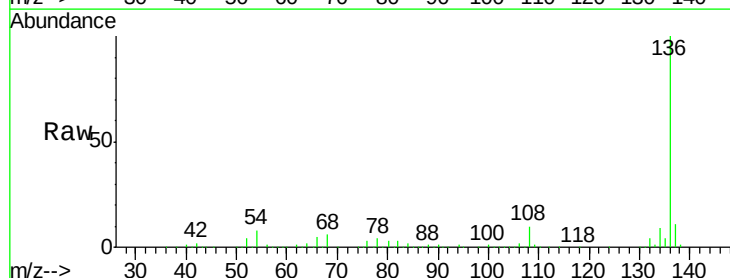
Ion Ratio Lower Upper

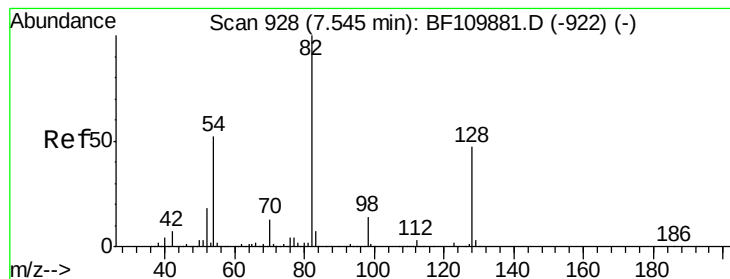
136 100

137 11.0 8.8 13.2

54 8.3 5.4 8.2#

68 5.6 4.2 6.2





#23

Nitrobenzene-d5

Concen: 99.370 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF110026.D

Acq: 20 Oct 2018 2:53

Instrument :

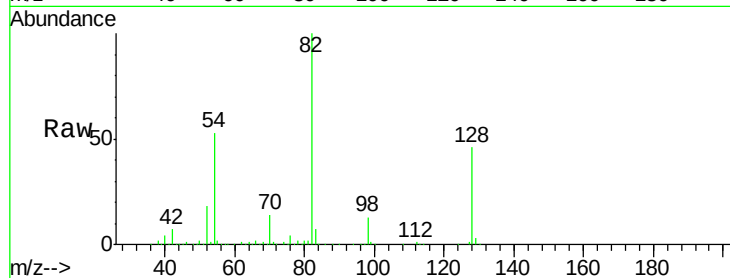
BNA_F

ClientSampleId :

101718-DBRI-E-U-S

Tgt Ion: 82 Resp: 1120418

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.2	51.2
54	53.3	38.6	58.0

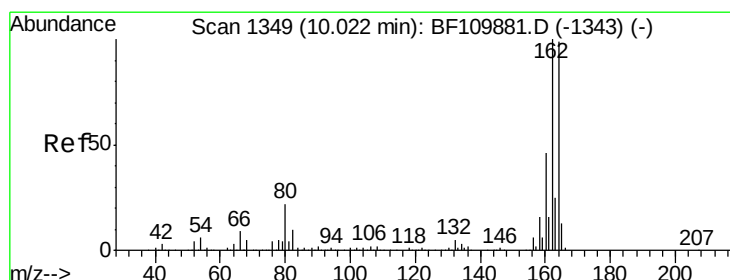
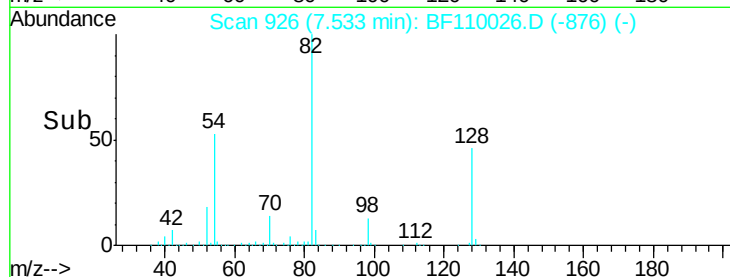
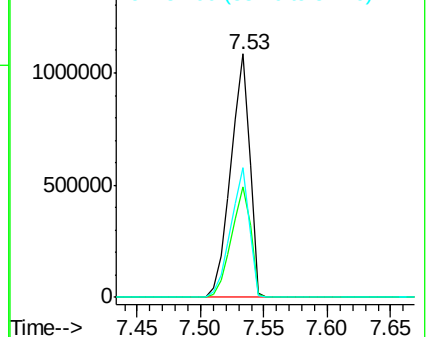


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

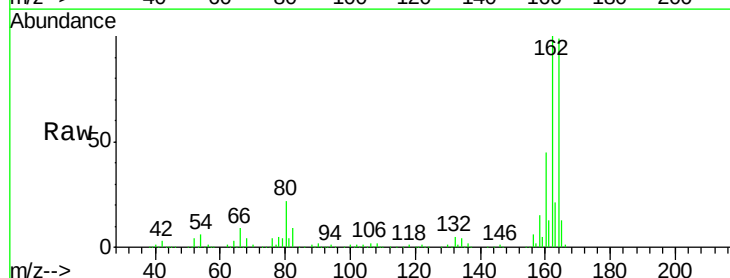
Delta R.T. -0.01 min

Lab File: BF110026.D

Acq: 20 Oct 2018 2:53

Tgt Ion: 164 Resp: 331530

Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.0	124.6
160	45.3	37.0	55.6

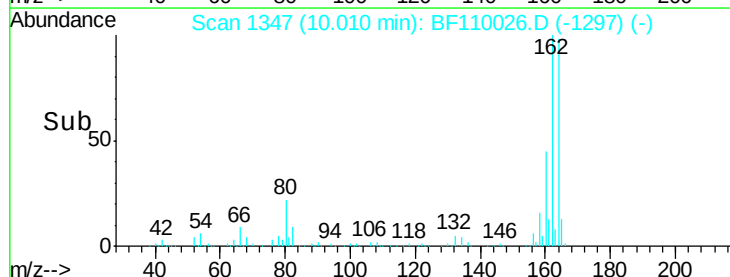
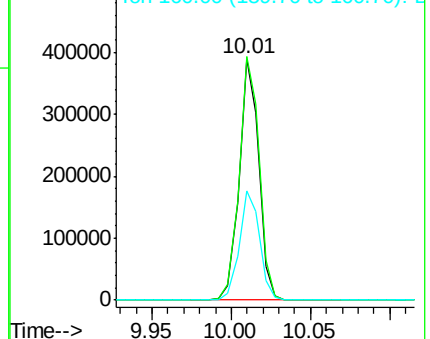


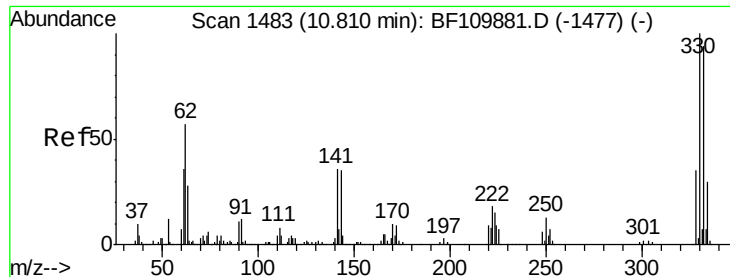
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 80.223 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BF110026.D

Acq: 20 Oct 2018 2:53

Instrument :

BNA_F

ClientSampleId :

101718-DBRI-E-U-S

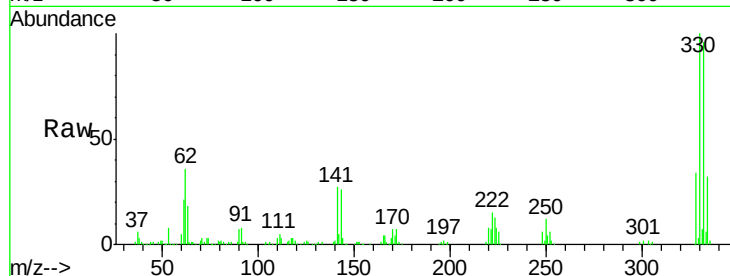
Tgt Ion:330 Resp: 230263

Ion Ratio Lower Upper

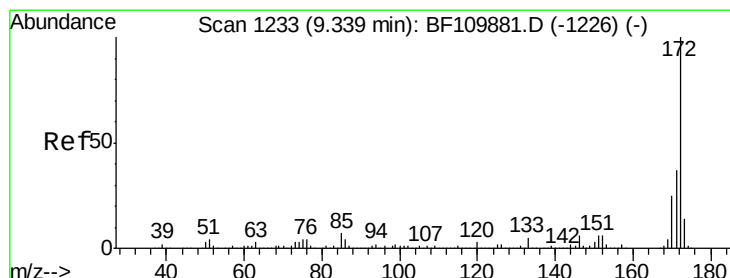
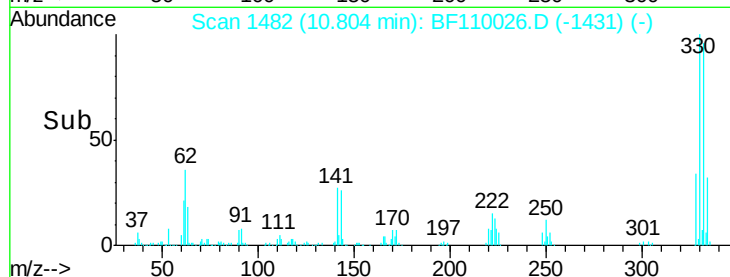
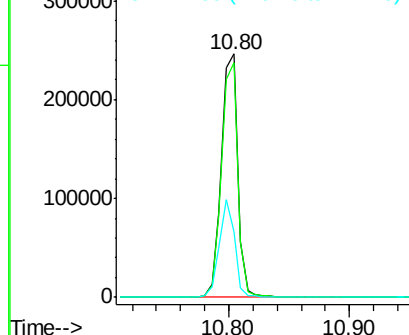
330 100

332 95.6 77.1 115.7

141 36.8 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: 91.734 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF110026.D

Acq: 20 Oct 2018 2:53

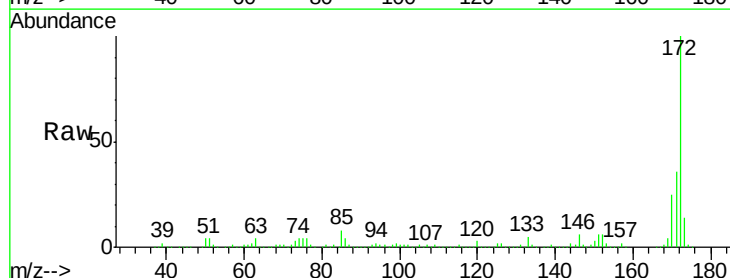
Tgt Ion:172 Resp: 1905966

Ion Ratio Lower Upper

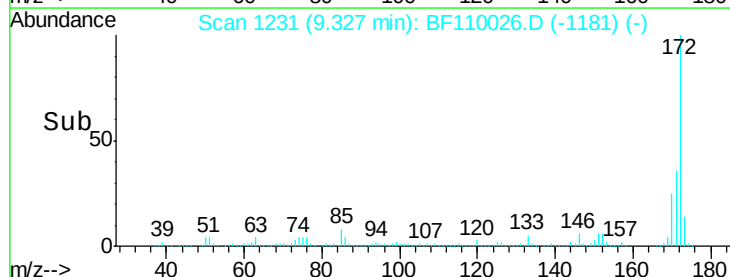
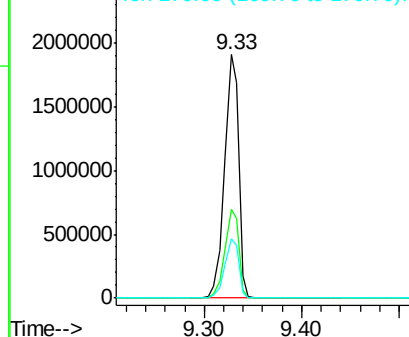
172 100

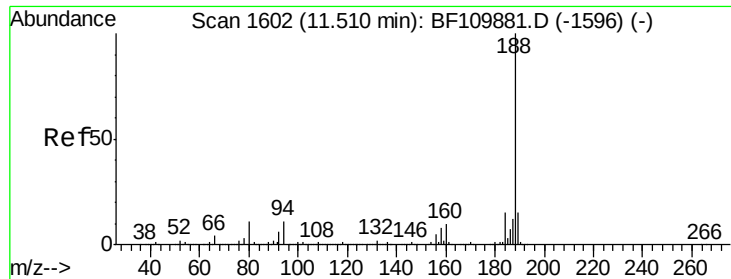
171 36.3 28.6 43.0

170 24.6 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

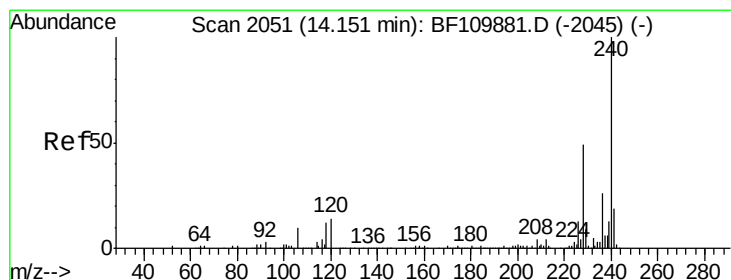
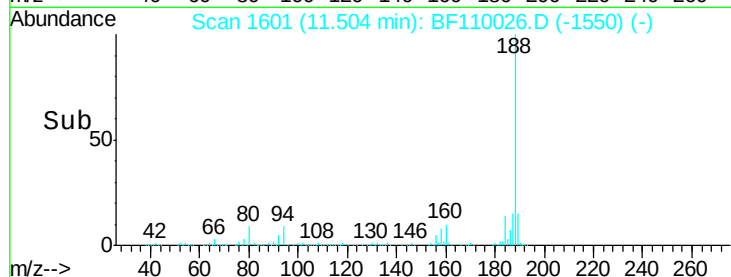
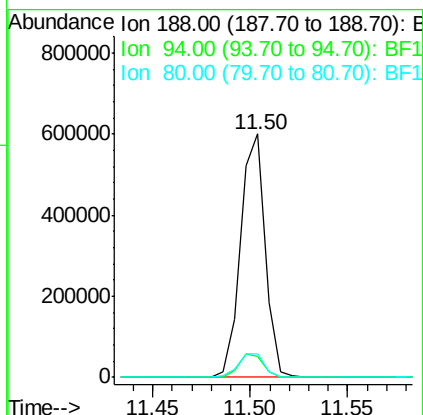
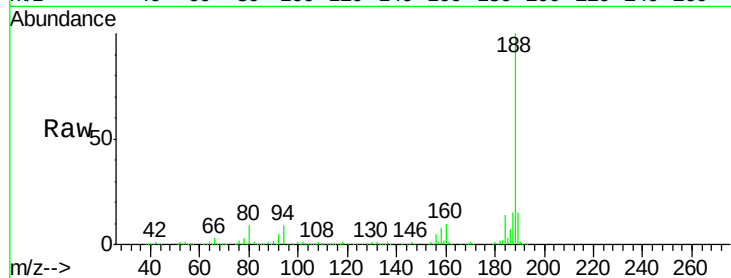




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF110026.D
Acq: 20 Oct 2018 2:53

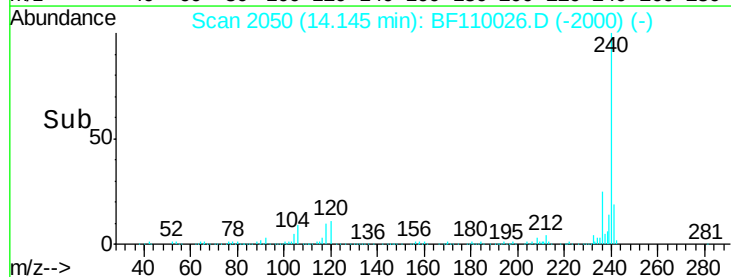
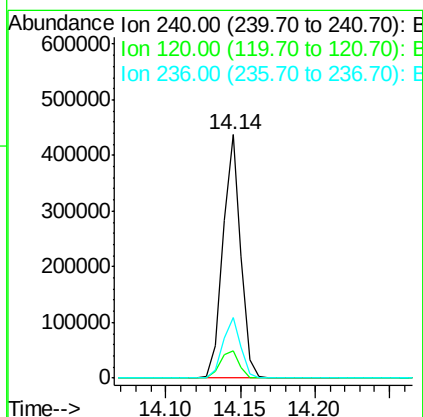
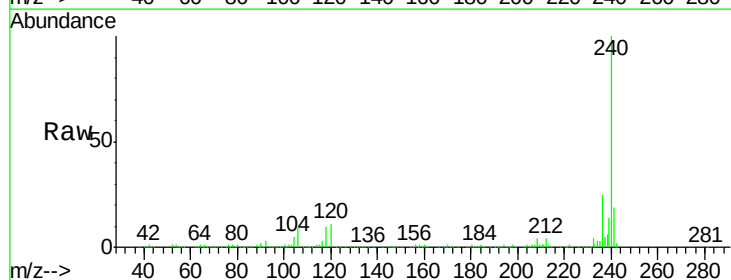
Instrument :
BNA_F
ClientSampleId :
101718-DBRI-E-U-S

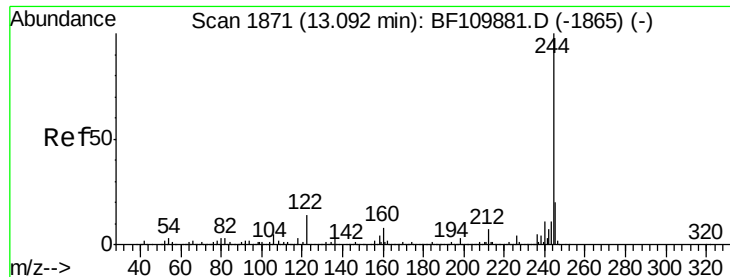
Tgt Ion:188 Resp: 524749
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF110026.D
Acq: 20 Oct 2018 2:53

Tgt Ion:240 Resp: 368094
Ion Ratio Lower Upper
240 100
120 11.4 8.3 12.5
236 25.0 21.2 31.8





#79

Terphenyl-d14

Concen: 77.033 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BF110026.D

Acq: 20 Oct 2018 2:53

Instrument :

BNA_F

ClientSampleId :

101718-DBRI-E-U-S

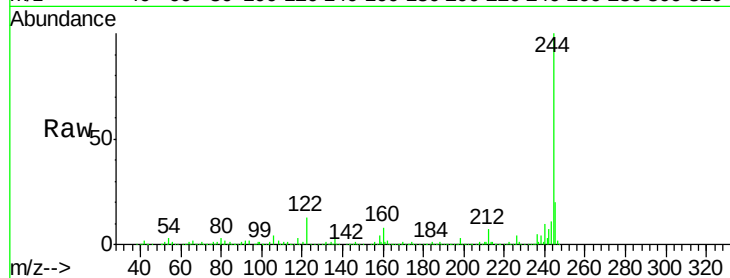
Tgt Ion:244 Resp: 1350300

Ion Ratio Lower Upper

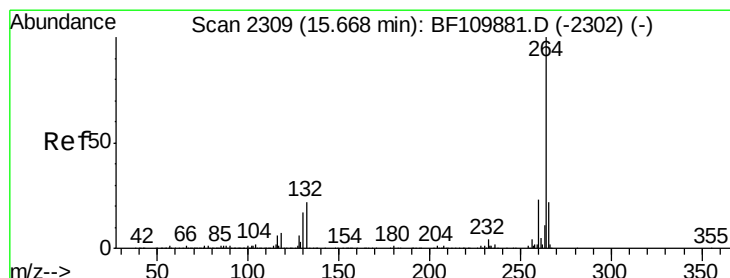
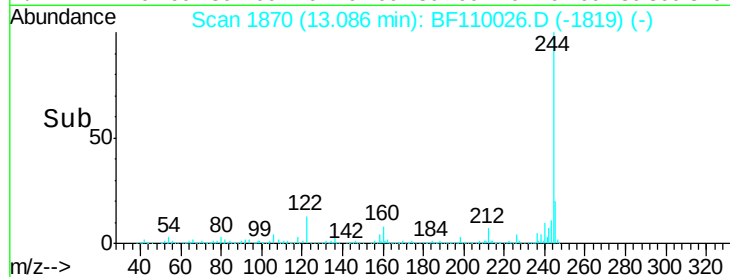
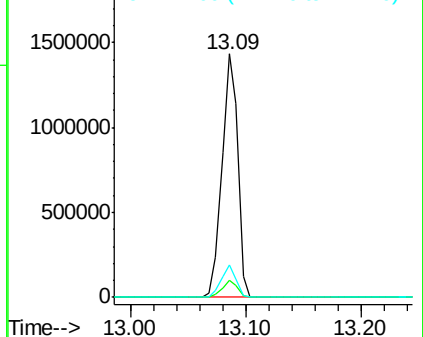
244 100

212 7.2 5.8 8.8

122 13.3 8.7 13.1#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BF110026.D

Acq: 20 Oct 2018 2:53

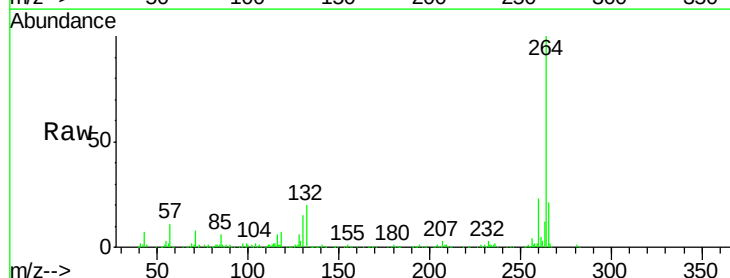
Tgt Ion:264 Resp: 299393

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 21.3 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

