

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110146.D
 Acq On : 25 Oct 2018 6:27
 Operator : JU/SJ
 Sample : J5640-14
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102218-DBRI-F-U-B

Quant Time: Oct 25 09:33:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 25 02:28:50 2018
 Response via : Initial Calibration

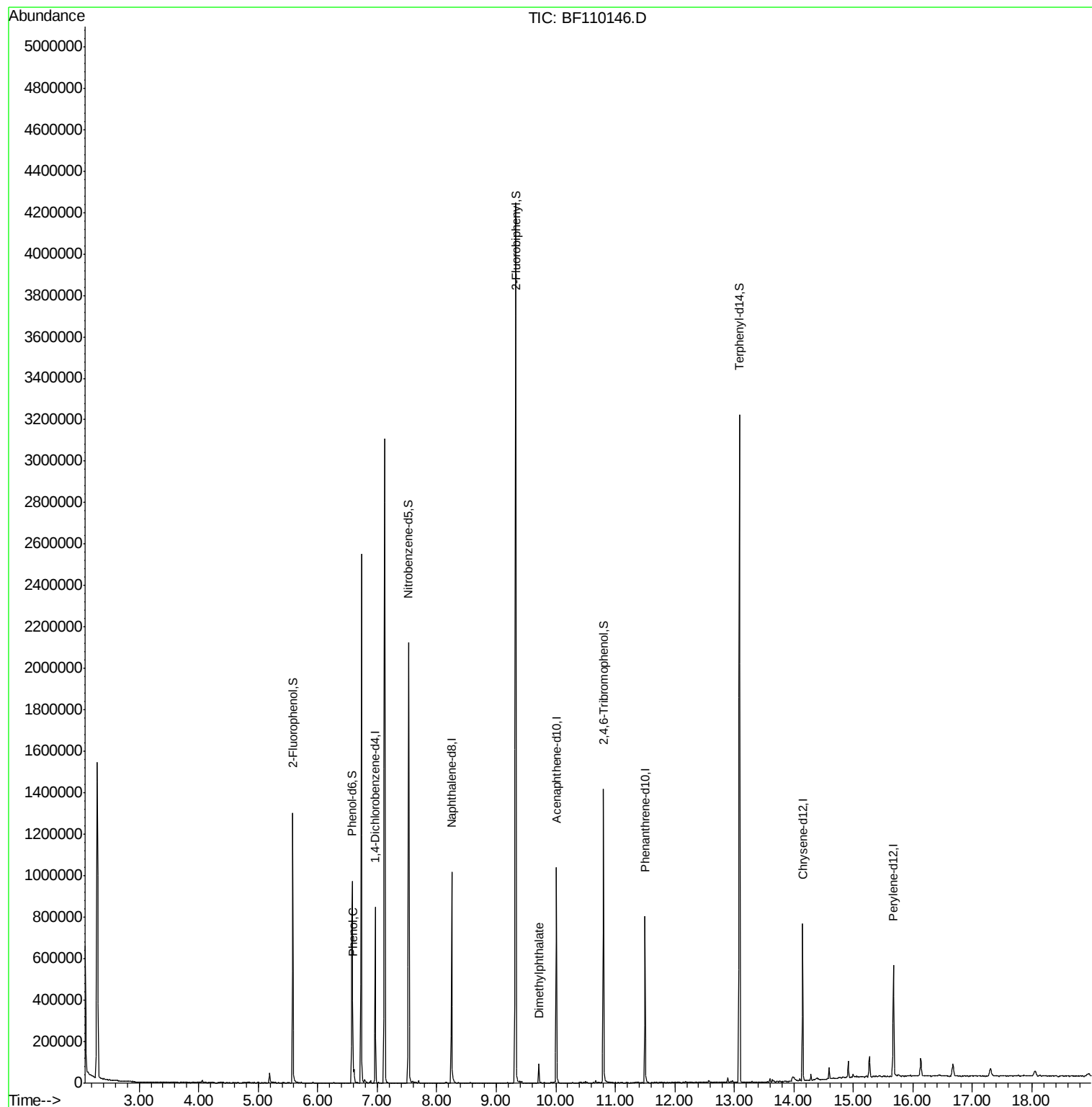
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	127443	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	470981	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	191060	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	308417	20.00	ng	0.00
76) Chrysene-d12	14.14	240	248436	20.00	ng	0.00
87) Perylene-d12	15.67	264	205983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	355255	45.39	ng	0.00
7) Phenol-d6	6.58	99	291666	29.14	ng	0.00
23) Nitrobenzene-d5	7.53	82	785648	98.94	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	155692	82.26	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1342279	110.32	ng	0.00
79) Terphenyl-d14	13.09	244	1019530	85.35	ng	0.00
Target Compounds						
10) Phenol	6.59	94	35601	3.327	ng	Qvalue # 63
50) Dimethylphthalate	9.72	163	41057	2.911	ng	97

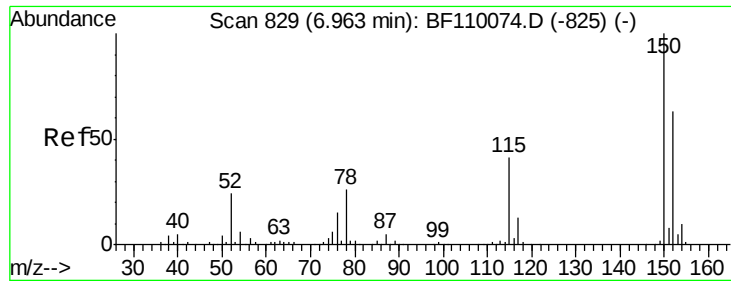
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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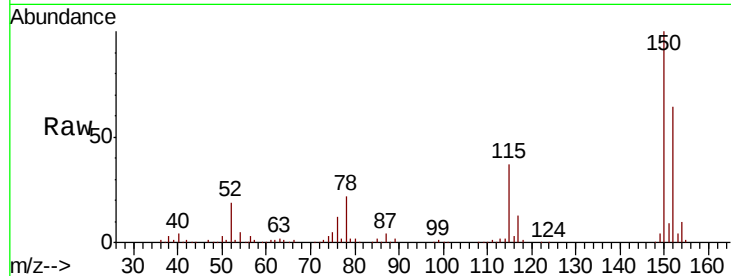


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF110146.D
Acq: 25 Oct 2018 6:27

Instrument :
BNA_F
ClientSampleId :
102218-DBRI-F-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	122.7	184.1
115	58.2	49.1	73.7

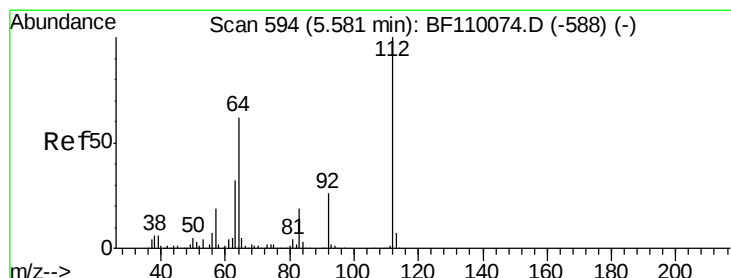
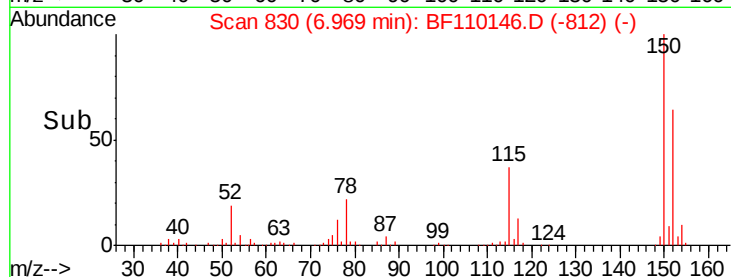
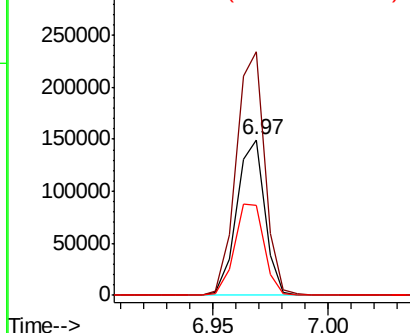


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

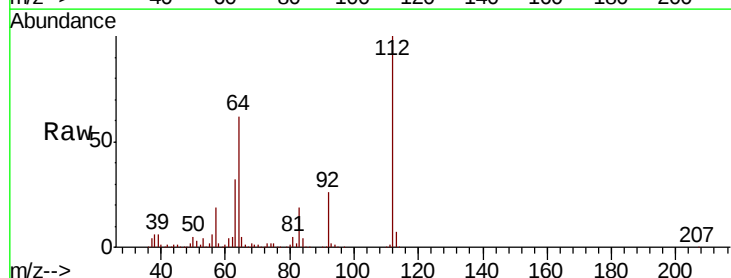
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 45.394 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF110146.D
Acq: 25 Oct 2018 6:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	44.1	66.1
63	32.3	23.7	35.5

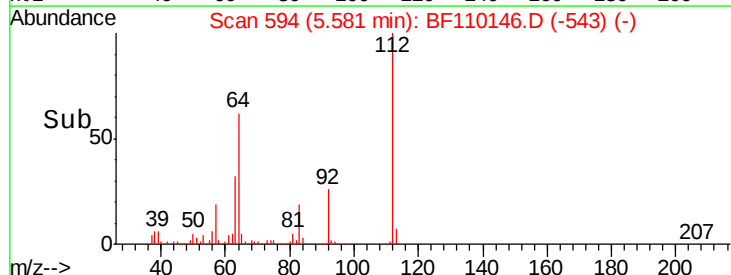
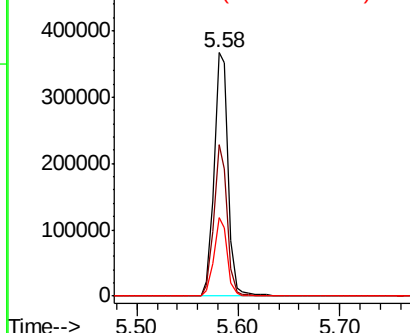


Abundance

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: 29.137 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110146.D

Acq: 25 Oct 2018 6:27

Instrument :

BNA_F

ClientSampleId :

102218-DBRI-F-U-B

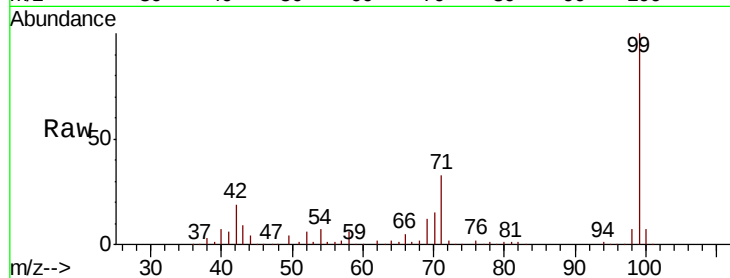
Tot Ion: 99 Resp: 291666

Ion Ratio Lower Upper

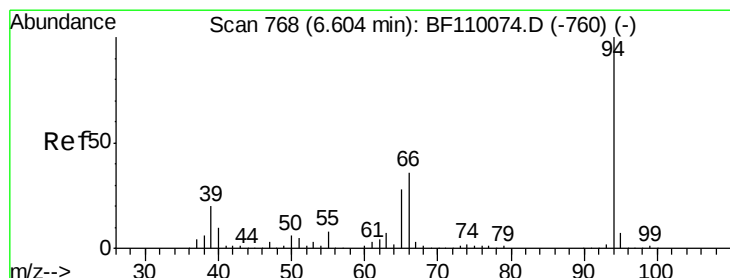
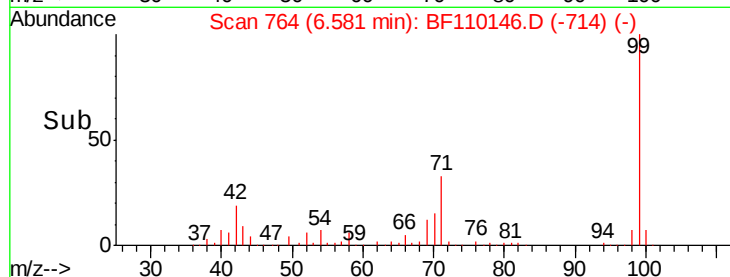
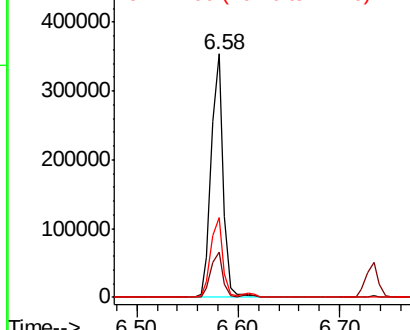
99 100

42 18.8 15.8 23.6

71 32.5 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: 3.327 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110146.D

Acq: 25 Oct 2018 6:27

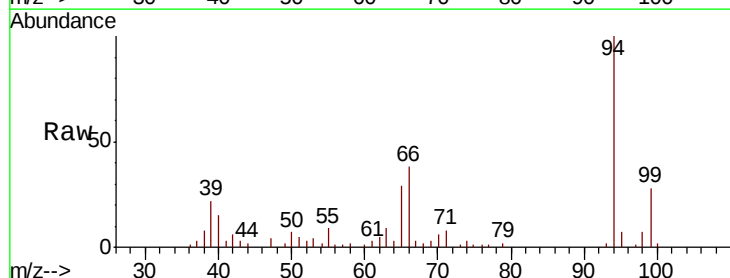
Tgt Ion: 94 Resp: 35601

Ion Ratio Lower Upper

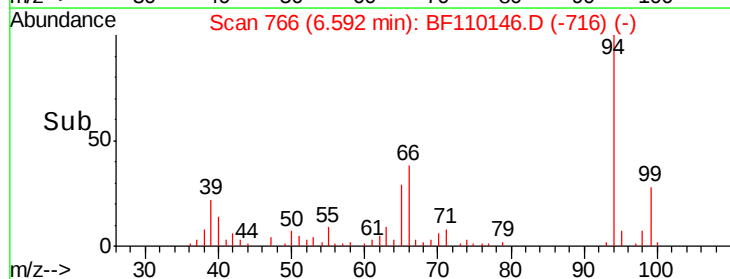
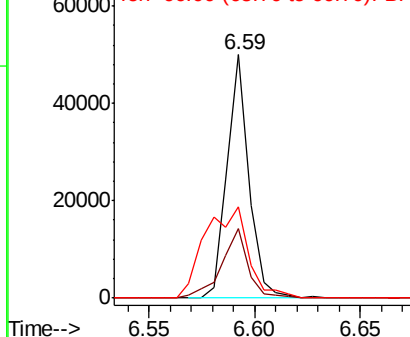
94 100

65 28.6 25.3 65.3

66 37.7 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

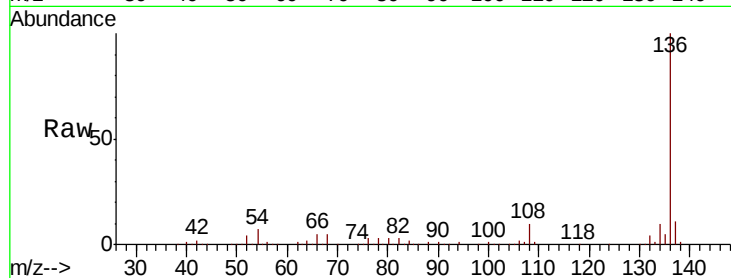




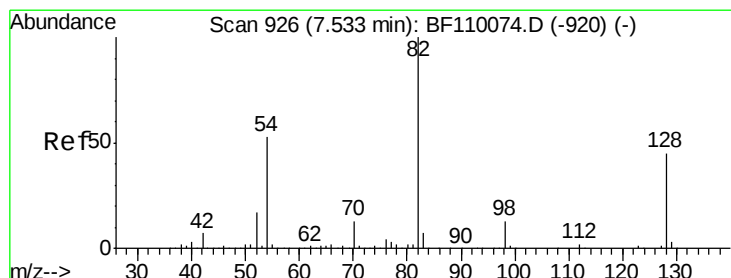
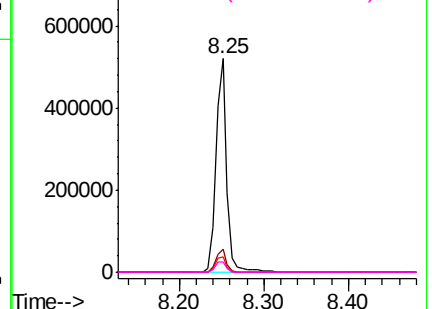
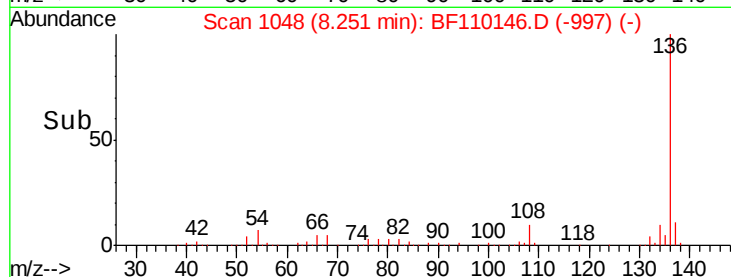
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110146.D
Acq: 25 Oct 2018 6:27

Instrument :
BNA_F
ClientSampleId :
102218-DBRI-F-U-B

Tot Ion:136	Resp:	470981
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	7.2	5.4 8.2
68	5.0	4.2 6.2

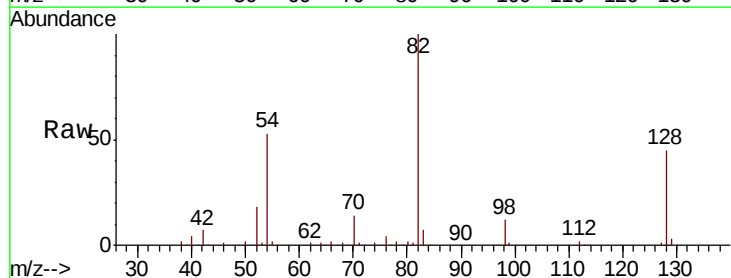


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

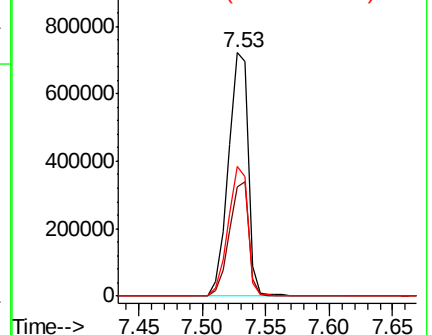
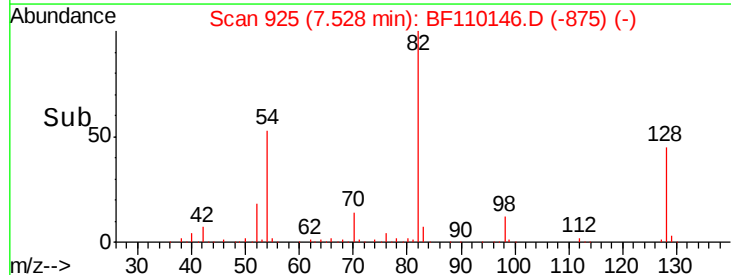


#23
Nitrobenzene-d5
Concen: 98.941 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110146.D
Acq: 25 Oct 2018 6:27

Tgt Ion: 82	Resp:	785648
Ion Ratio	Lower	Upper
82	100	
128	44.7	34.2 51.2
54	53.3	38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000
Ion 128.00 (127.70 to 128.70): E
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. 0.00 min

Lab File: BF110146.D

Acq: 25 Oct 2018 6:27

Instrument :

BNA_F

ClientSampleId :

102218-DBRI-F-U-B

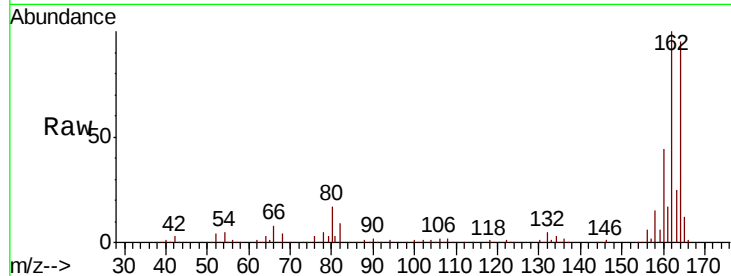
Tot Ion:164 Resp: 191060

Ion Ratio Lower Upper

164 100

162 105.1 83.0 124.6

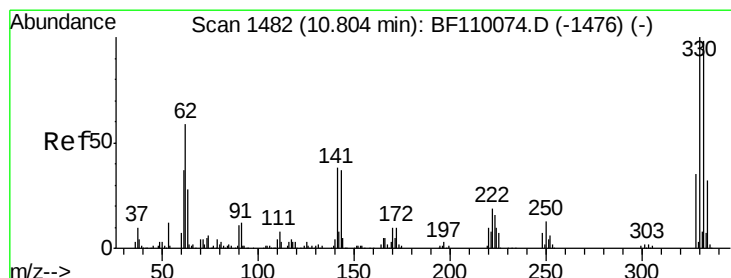
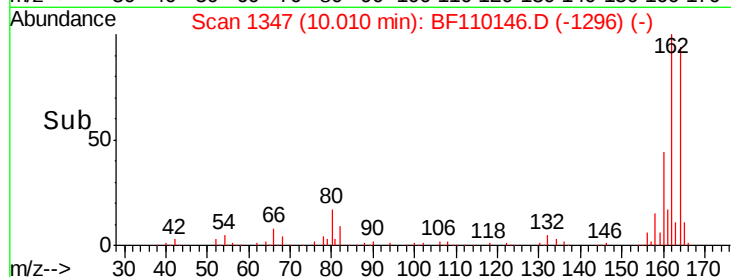
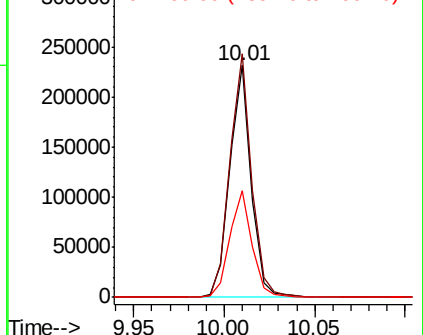
160 46.3 37.0 55.6



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: 82.265 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF110146.D

Acq: 25 Oct 2018 6:27

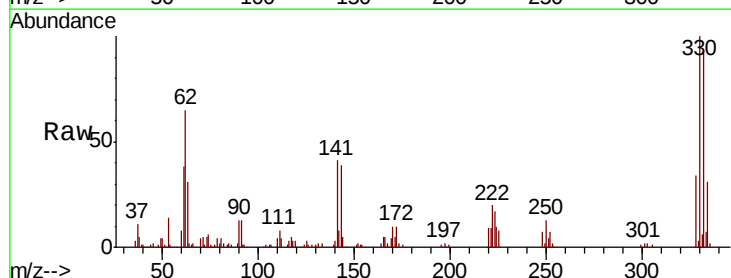
Tgt Ion:330 Resp: 155692

Ion Ratio Lower Upper

330 100

332 95.3 77.1 115.7

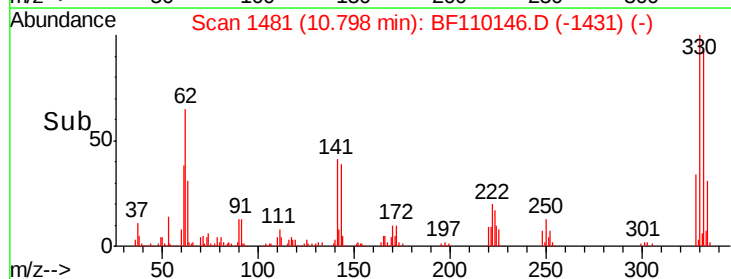
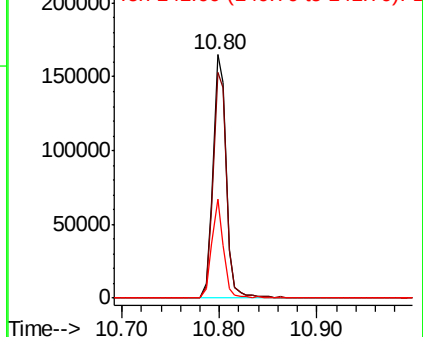
141 36.4 27.0 40.4

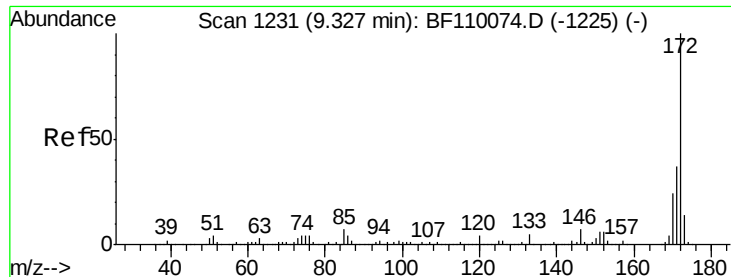


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

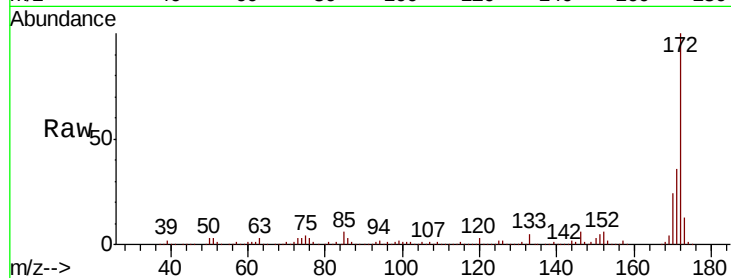




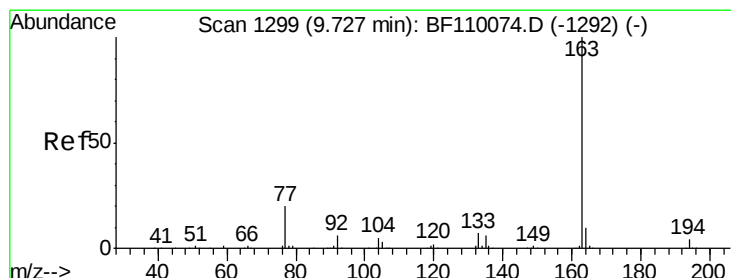
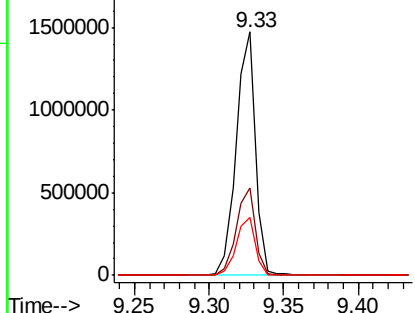
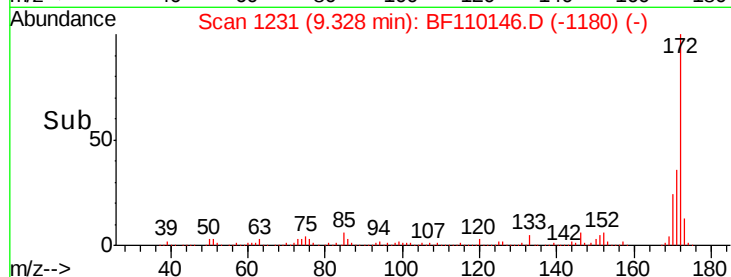
#45
2-Fluorobiphenyl
Concen: 110.317 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110146.D
Acq: 25 Oct 2018 6:27

Instrument :
BNA_F
ClientSampleId :
102218-DBRI-F-U-B

Tot Ion:172 Resp: 1342279
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.1 19.7 29.5

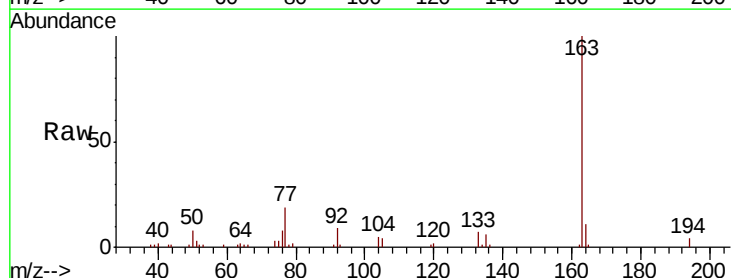


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

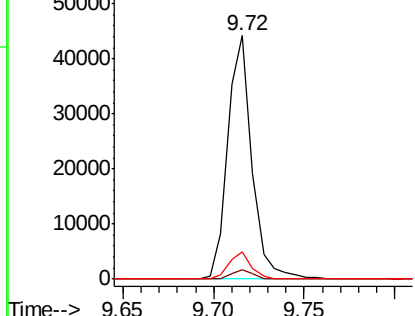
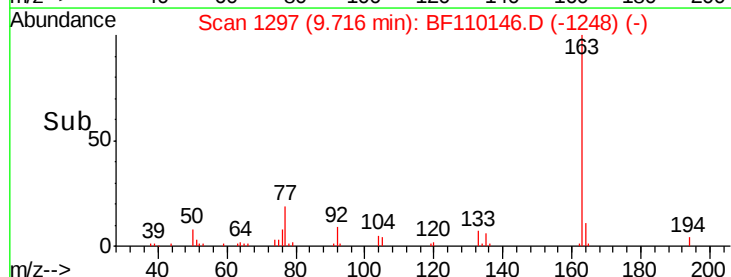


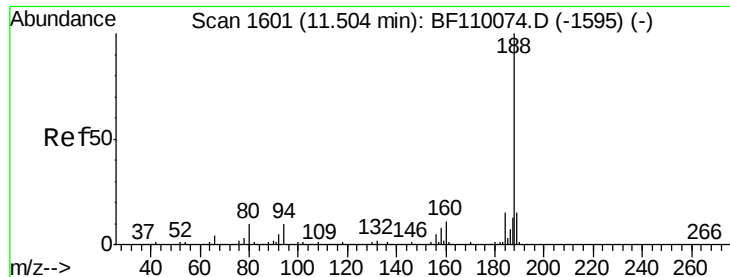
#50
Dimethylphthalate
Concen: 2.911 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110146.D
Acq: 25 Oct 2018 6:27

Tgt Ion:163 Resp: 41057
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 11.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
60000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

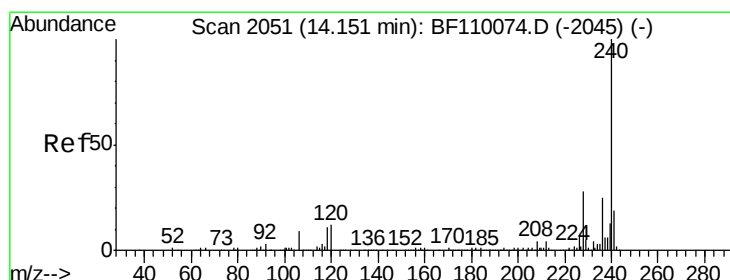
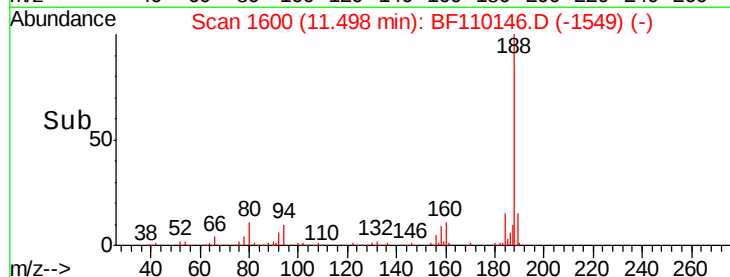
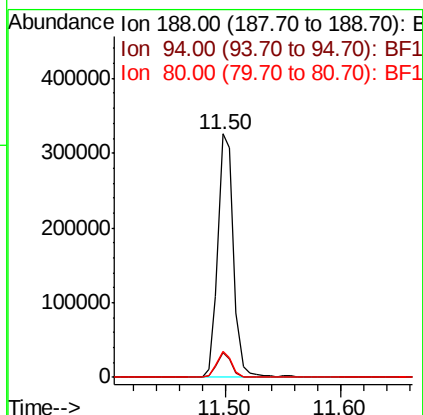
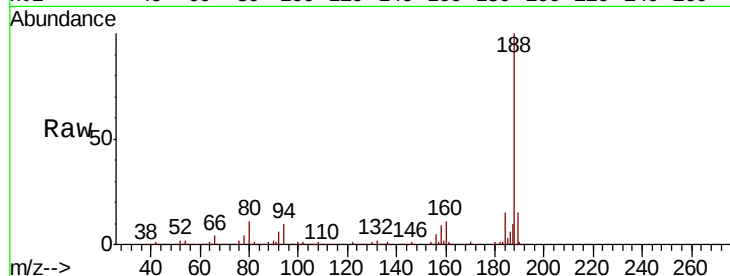




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF110146.D
Acq: 25 Oct 2018 6:27

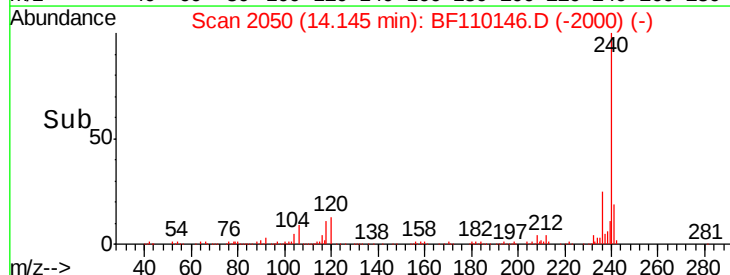
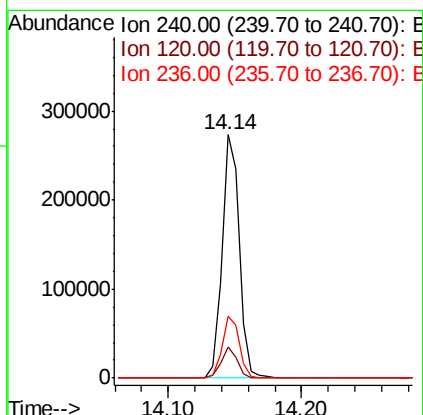
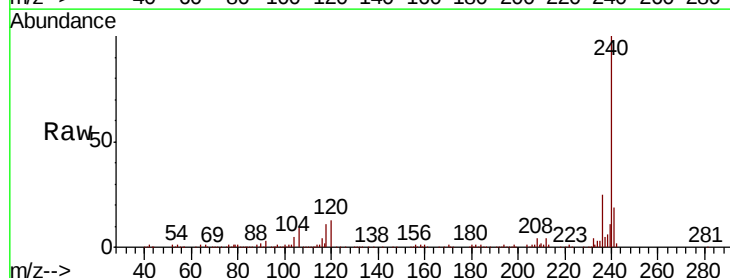
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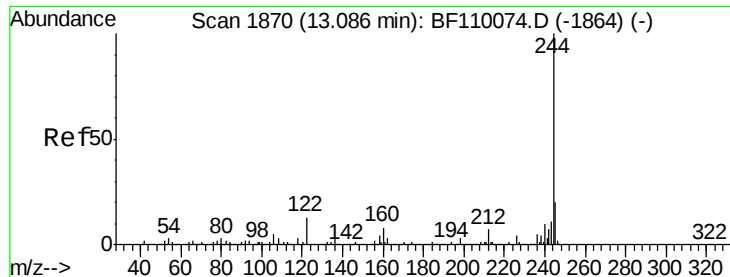
Tot Ion:188 Resp: 308417
Ion Ratio Lower Upper
188 100
94 10.0 7.2 10.8
80 10.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF110146.D
Acq: 25 Oct 2018 6:27

Tgt Ion:240 Resp: 248436
Ion Ratio Lower Upper
240 100
120 12.7 8.3 12.5#
236 25.3 21.2 31.8





#79

Terphenyl-d14

Concen: 85.347 ng

RT: 13.09 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BF110146.D

Acq: 25 Oct 2018 6:27

Instrument :

BNA_F

ClientSampleId :

102218-DBRI-F-U-B

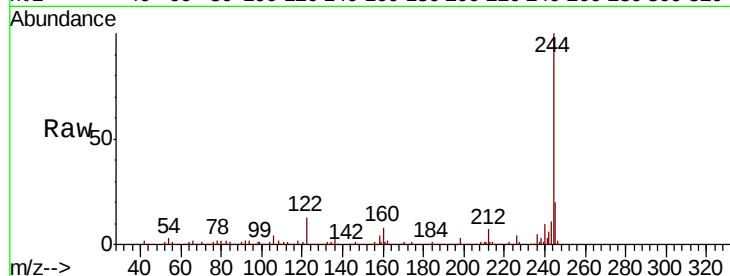
Tot Ion:244 Resp: 1019530

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 12.5 8.7 13.1

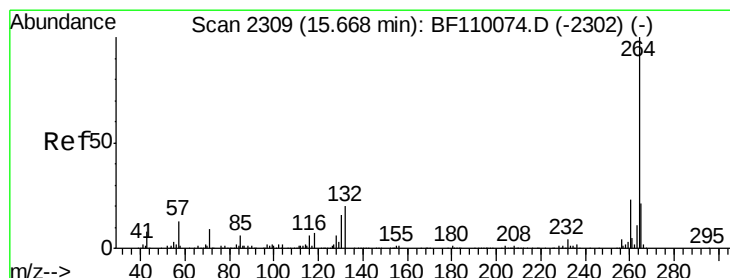
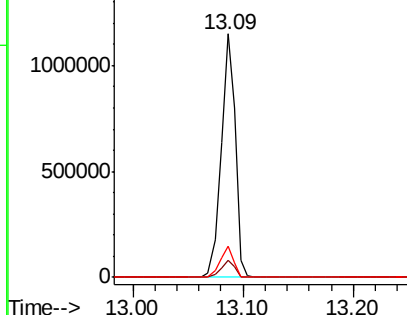
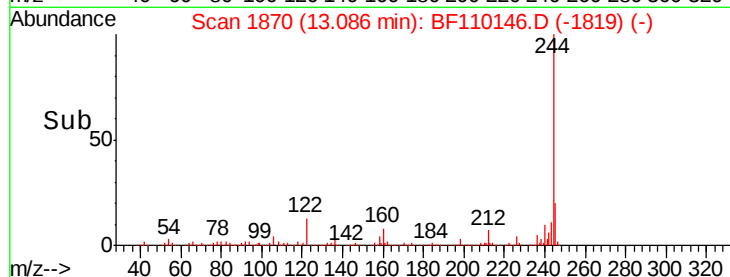


Abundance

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# 2310

Delta R.T. 0.01 min

Lab File: BF110146.D

Acq: 25 Oct 2018 6:27

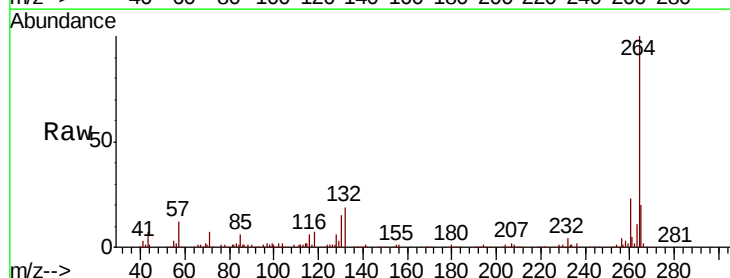
Tgt Ion:264 Resp: 205983

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 19.8 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

