

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110200.D
 Acq On : 26 Oct 2018 9:53
 Operator : JU/SJ
 Sample : J5662-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102318-SIDI-F-U-B

Quant Time: Oct 26 15:05:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

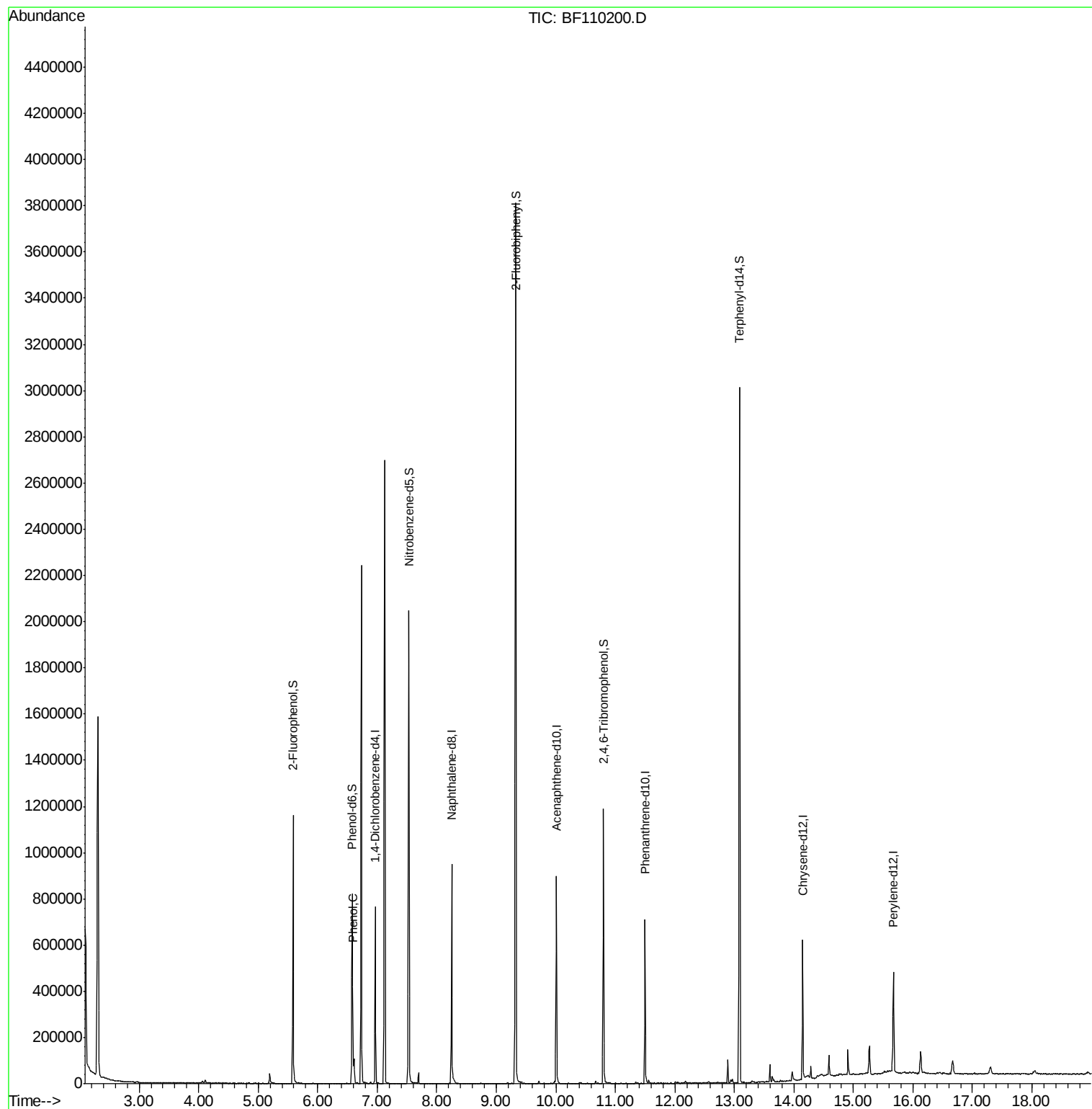
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	117497	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	433110	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	172108	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	282591	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	208647	20.00	ng	-0.02
87) Perylene-d12	15.67	264	156558	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	303552	42.07	ng	-0.01
7) Phenol-d6	6.58	99	240863	26.10	ng	-0.02
23) Nitrobenzene-d5	7.53	82	706992	96.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	132190	77.54	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1180043	107.66	ng	-0.01
79) Terphenyl-d14	13.09	244	973177	97.00	ng	-0.02
Target Compounds						
10) Phenol	6.59	94	24732	2.507	ng	Qvalue # 67

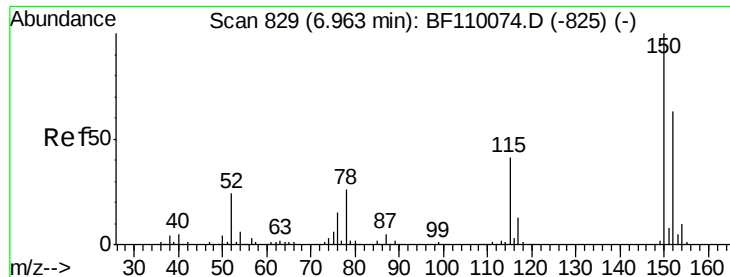
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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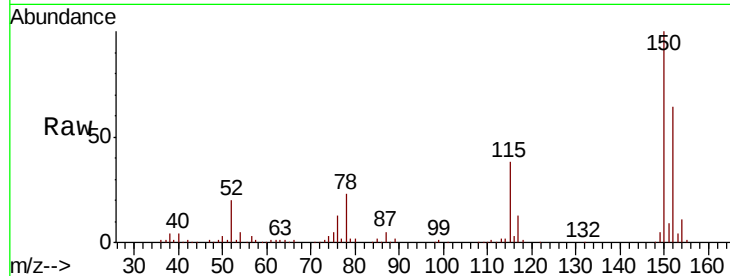


#1

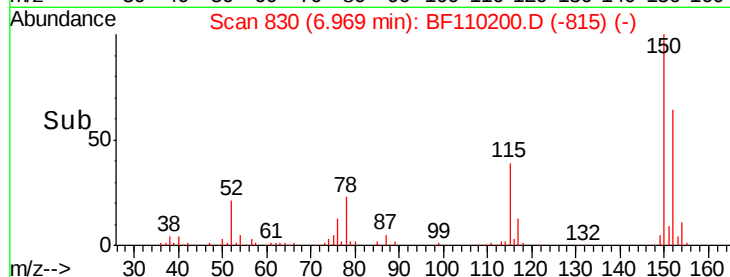
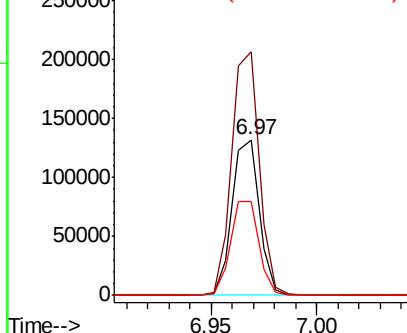
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-U-B

Tot Ion:152 Resp: 117497
Ion Ratio Lower Upper
152 100
150 156.2 122.7 184.1
115 60.1 49.1 73.7



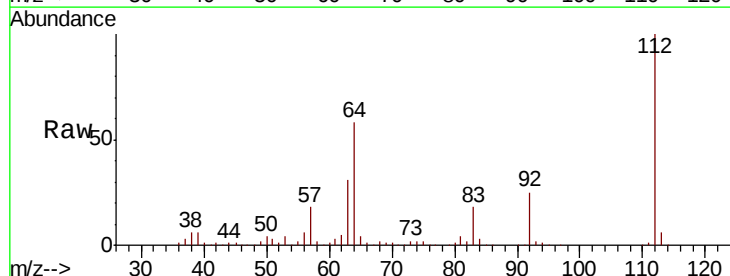
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



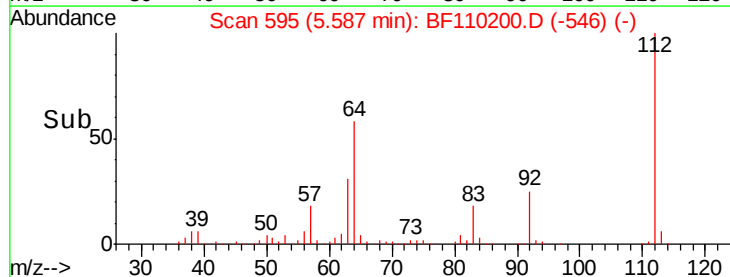
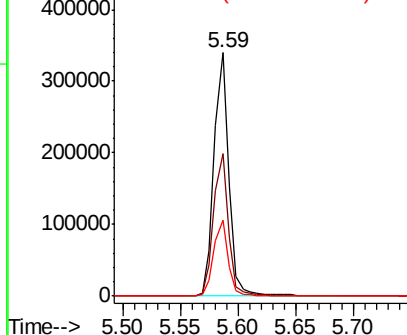
#5

2-Fluorophenol
Concen: 42.071 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Tgt Ion:112 Resp: 303552
Ion Ratio Lower Upper
112 100
64 58.4 44.1 66.1
63 31.3 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: 26.099 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110200.D

Acq: 26 Oct 2018 9:53

Instrument :

BNA_F

ClientSampleId :

102318-SIDI-F-U-B

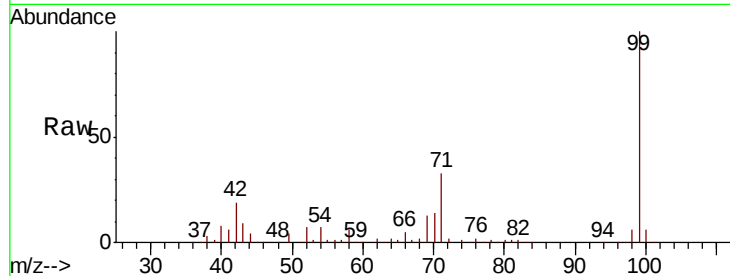
Tot Ion: 99 Resp: 240863

Ion Ratio Lower Upper

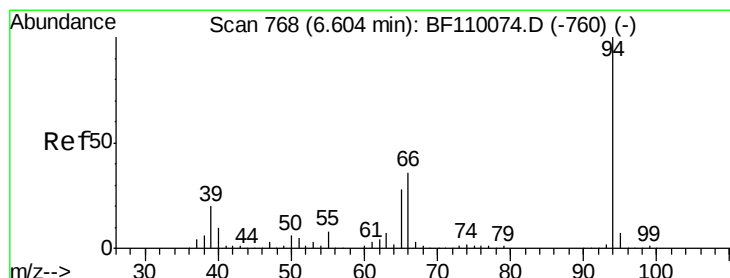
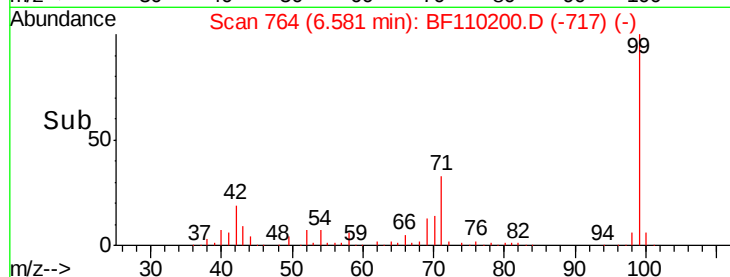
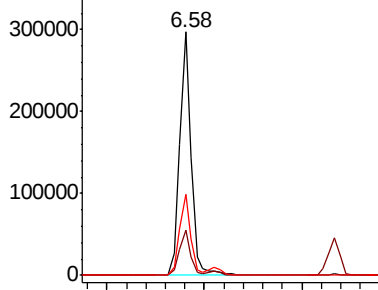
99 100

42 18.8 15.8 23.6

71 33.3 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: 2.507 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110200.D

Acq: 26 Oct 2018 9:53

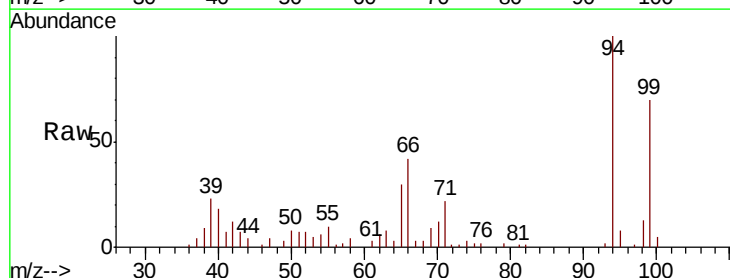
Tgt Ion: 94 Resp: 24732

Ion Ratio Lower Upper

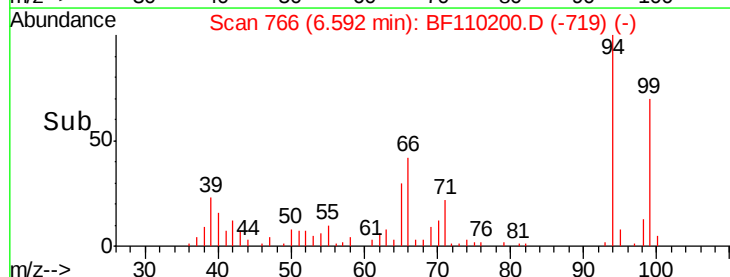
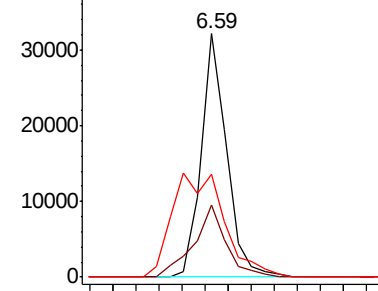
94 100

65 29.7 25.3 65.3

66 42.4 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

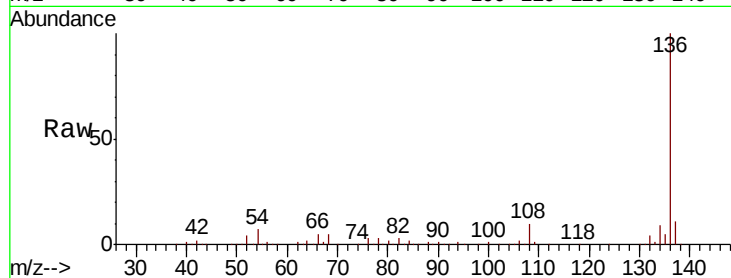




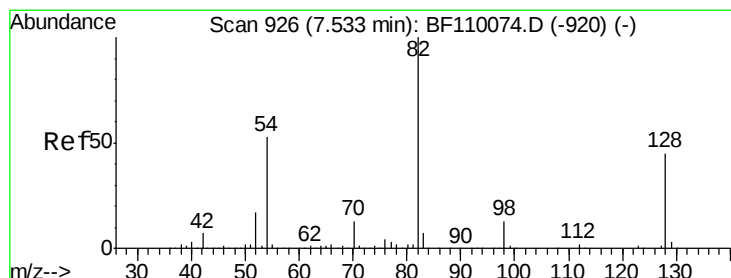
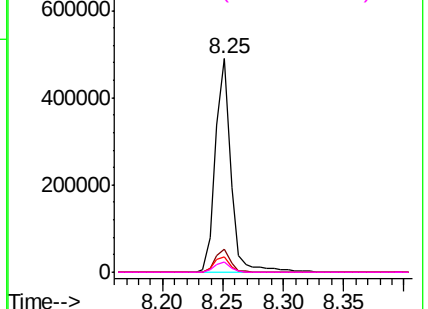
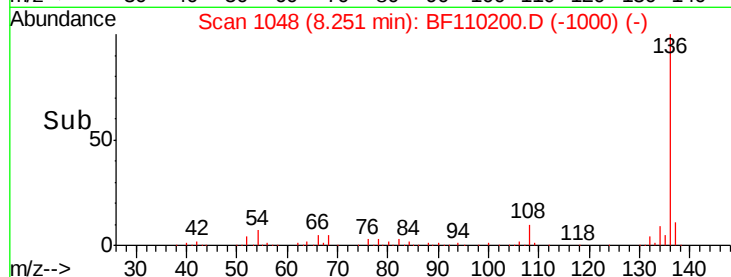
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-U-B

Tot Ion:136 Resp: 433110
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.5 5.4 8.2
68 4.8 4.2 6.2

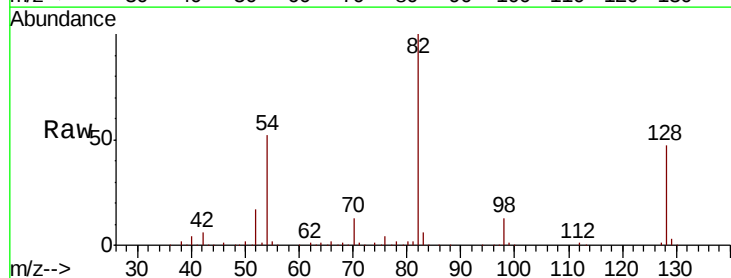


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

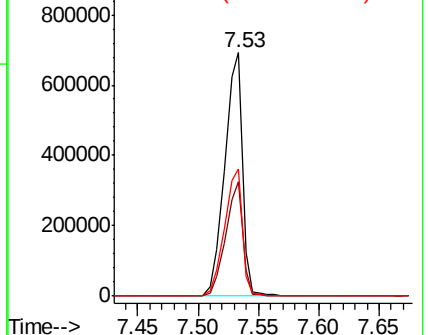
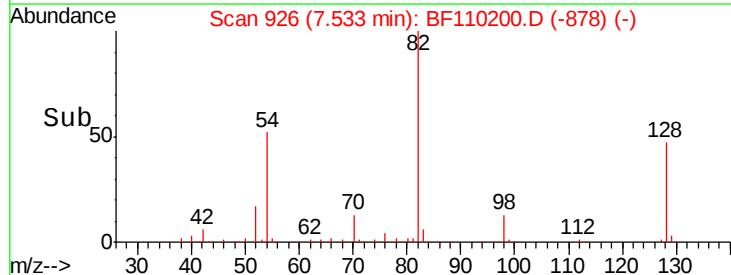


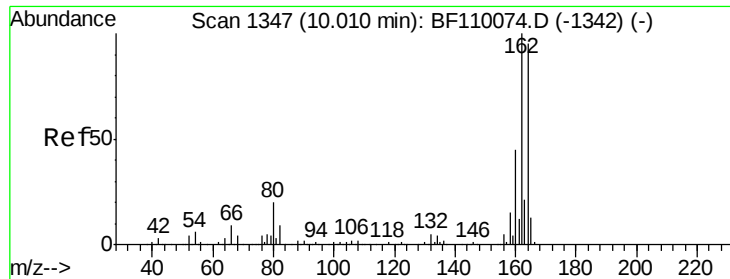
#23
Nitrobenzene-d5
Concen: 96.821 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Tgt Ion: 82 Resp: 706992
Ion Ratio Lower Upper
82 100
128 46.9 34.2 51.2
54 52.3 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
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. -0.02 min

Lab File: BF110200.D

Acq: 26 Oct 2018 9:53

Instrument :

BNA_F

ClientSampleId :

102318-SIDI-F-U-B

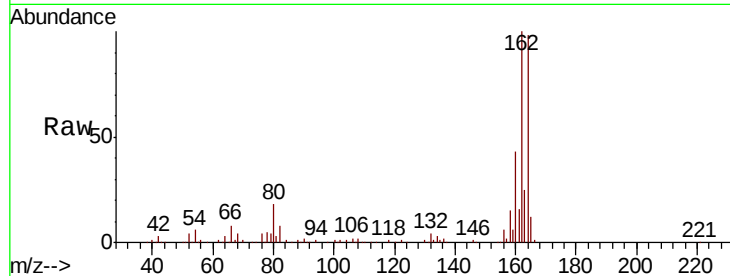
Tot Ion:164 Resp: 172108

Ion Ratio Lower Upper

164 100

162 102.5 83.0 124.6

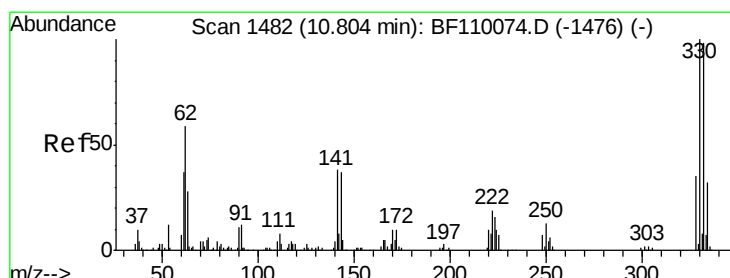
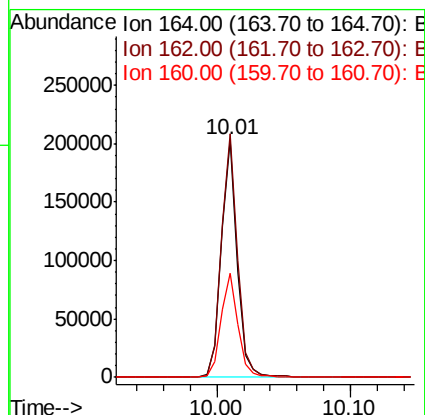
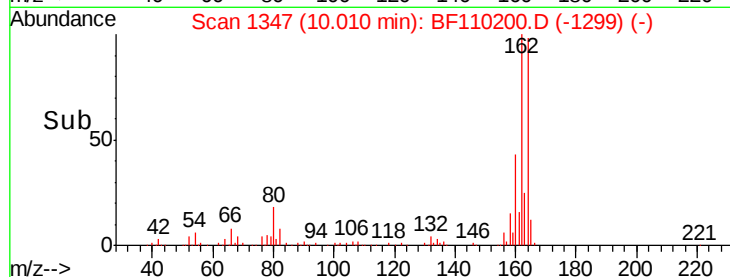
160 44.1 37.0 55.6



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: 77.538 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110200.D

Acq: 26 Oct 2018 9:53

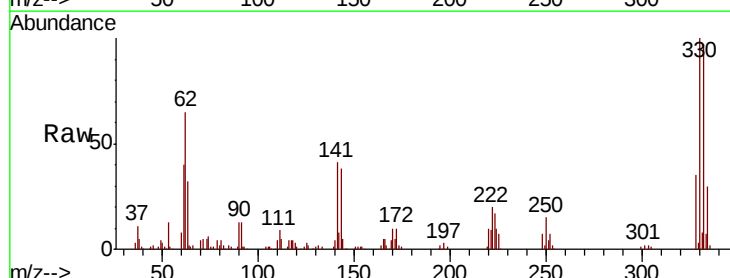
Tgt Ion:330 Resp: 132190

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

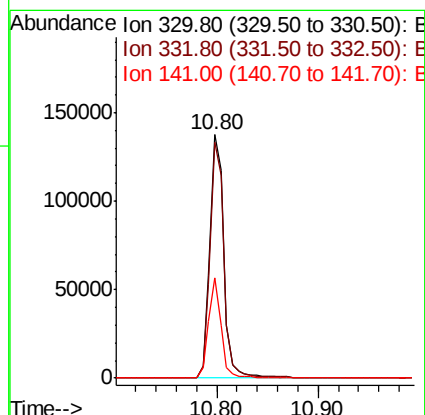
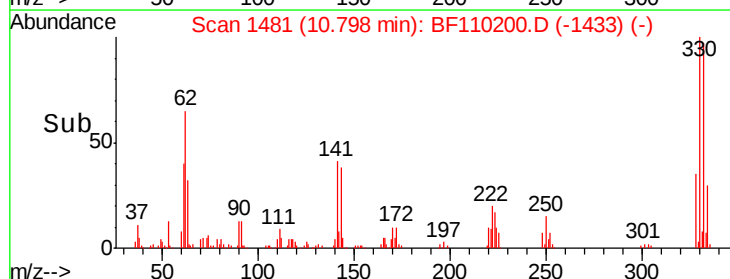
141 37.0 27.0 40.4

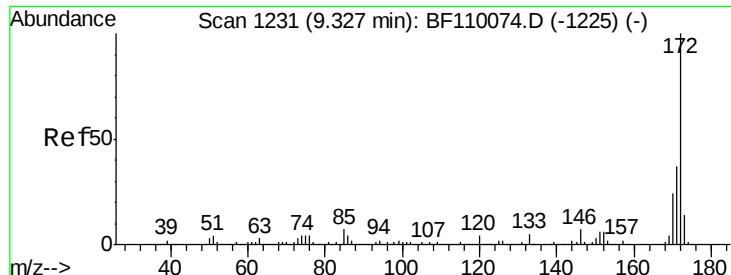


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

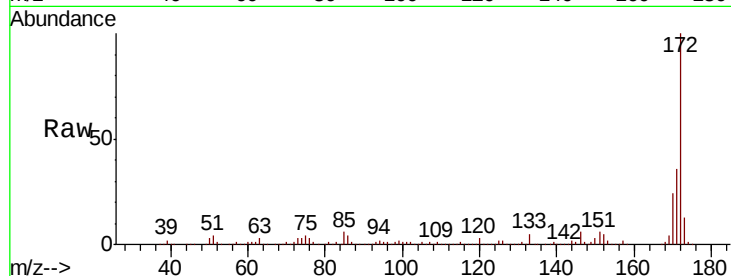




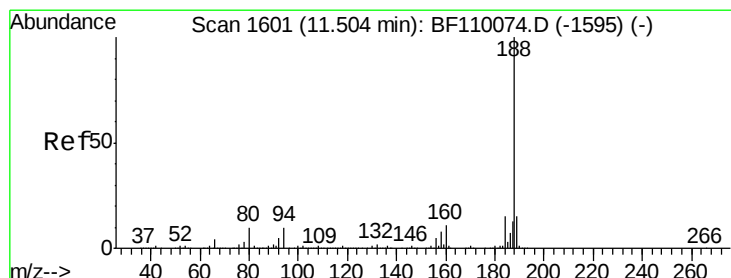
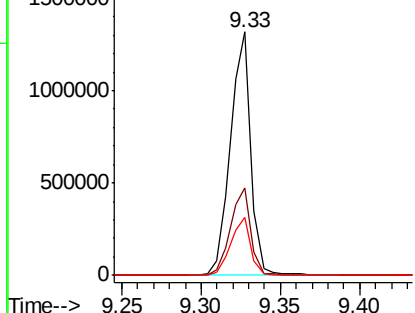
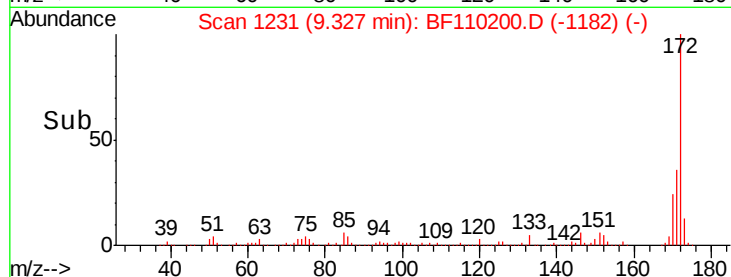
#45
 2-Fluorobiphenyl
 Concen: 107.663 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110200.D
 Acq: 26 Oct 2018 9:53

Instrument :
 BNA_F
 ClientSampleId :
 102318-SIDI-F-U-B

Tot Ion:172 Resp: 1180043
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 24.0 19.7 29.5

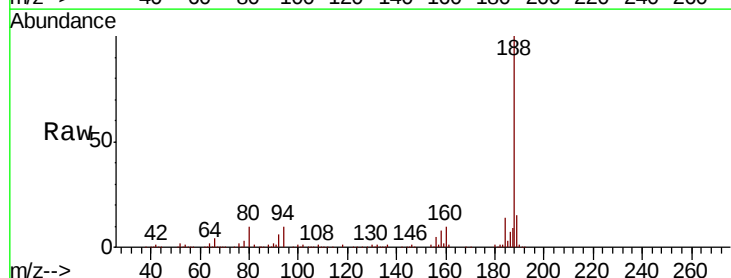


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

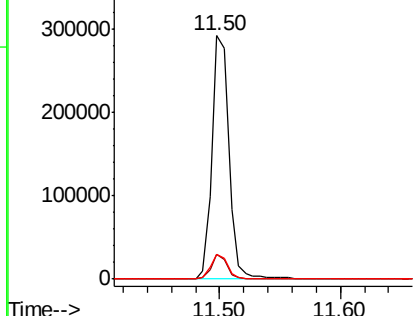
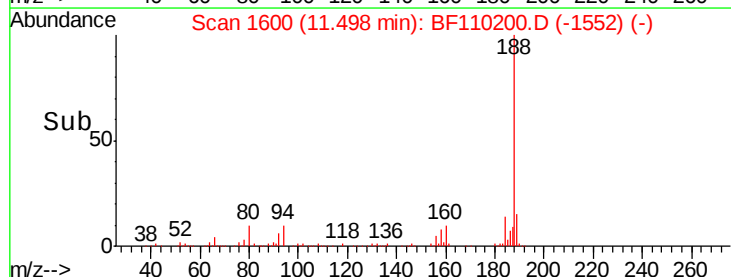


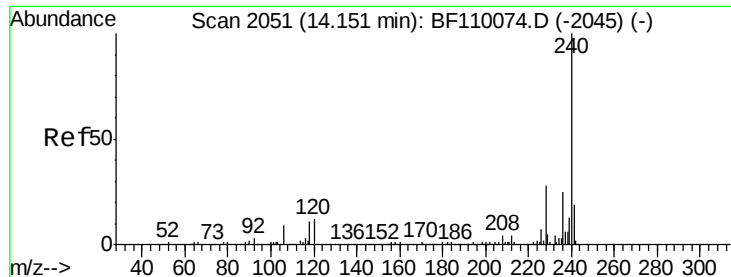
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.02 min
 Lab File: BF110200.D
 Acq: 26 Oct 2018 9:53

Tgt Ion:188 Resp: 282591
 Ion Ratio Lower Upper
 188 100
 94 10.0 7.2 10.8
 80 10.2 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

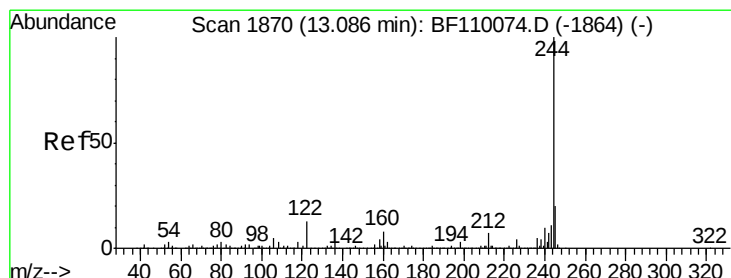
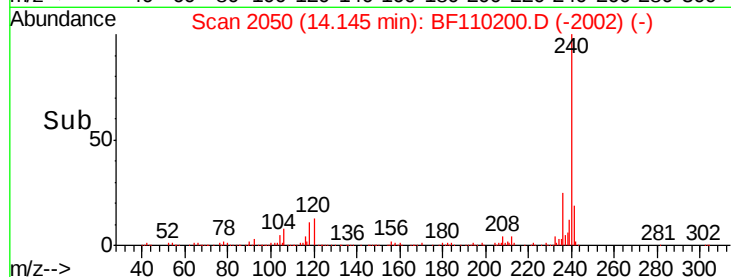
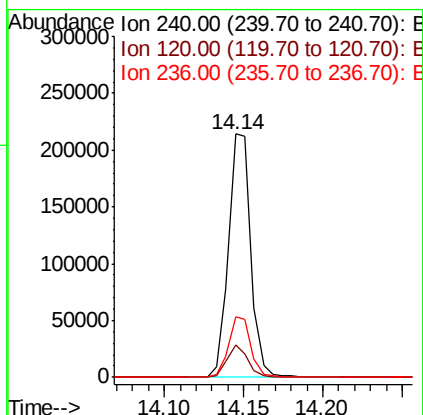
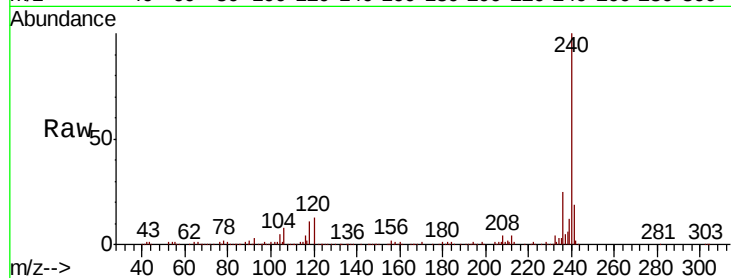




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BF110200.D
 Acq: 26 Oct 2018 9:53

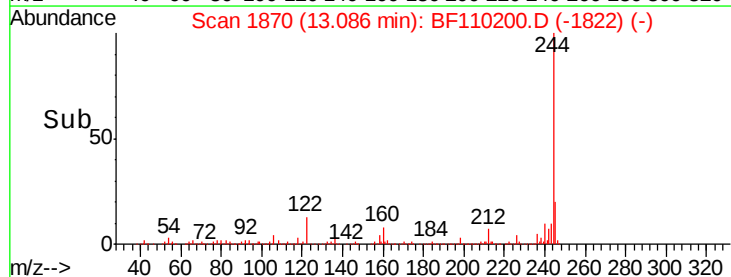
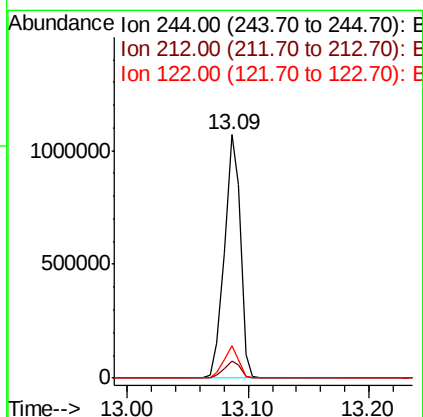
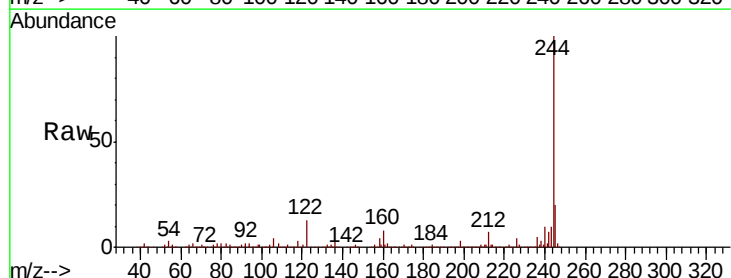
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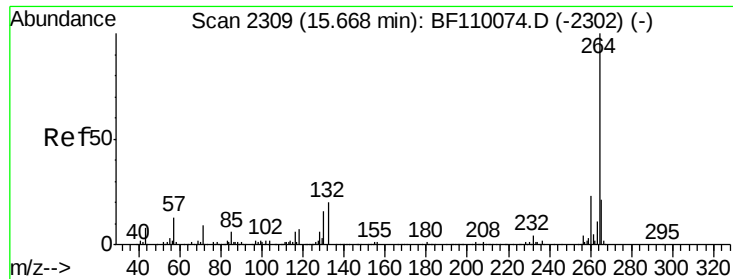
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.3	12.5#
236	25.1	21.2	31.8



#79
 Terphenyl-d14
 Concen: 97.002 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110200.D
 Acq: 26 Oct 2018 9:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.1	8.7	13.1#

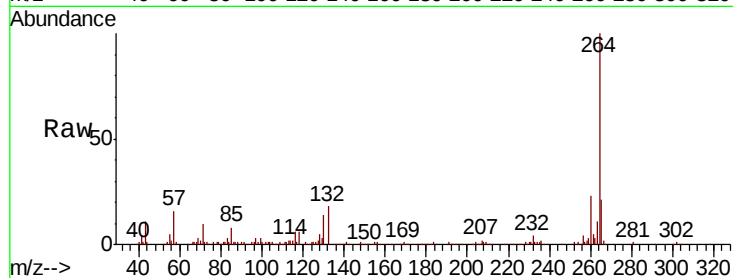




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	20.6	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

