

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110132.D
 Acq On : 25 Oct 2018 00:04
 Operator : JU/SJ
 Sample : J4768-03 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB45914RT-OILY-DERBIS

Quant Time: Oct 25 05:10:15 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	108881	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	393401	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	152170	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	278266	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	249985	20.00	ng	-0.01
87) Perylene-d12	15.68	264	176748	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	40524	6.06	ng	-0.02
7) Phenol-d6	6.58	99	51568	6.03	ng	-0.02
23) Nitrobenzene-d5	7.52	82	25241	3.81	ng	-0.03
42) 2,4,6-Tribromophenol	10.80	330	7920	5.25	ng	-0.01
45) 2-Fluorobiphenyl	9.32	172	54922	5.67	ng	-0.02
79) Terphenyl-d14	13.09	244	57782	4.81	ng	-0.02

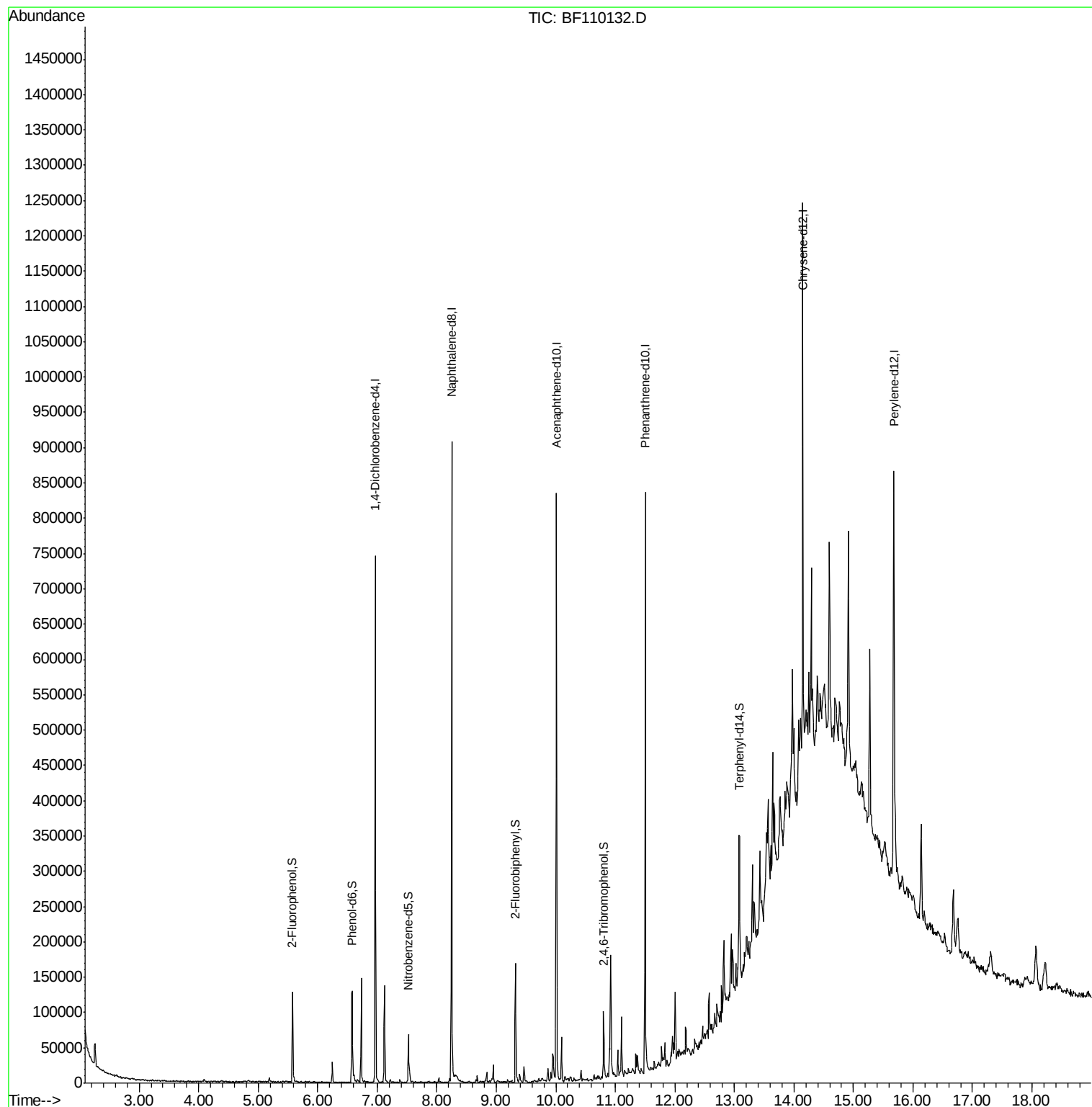
Target Compounds Qvalue

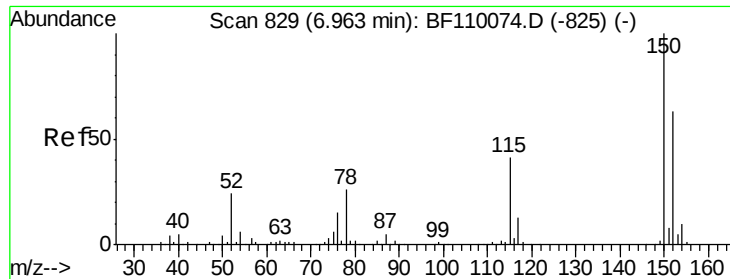
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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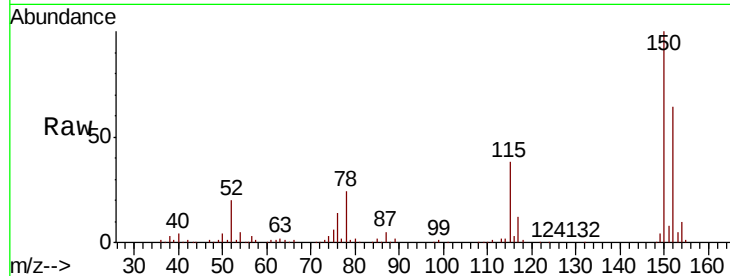


#1

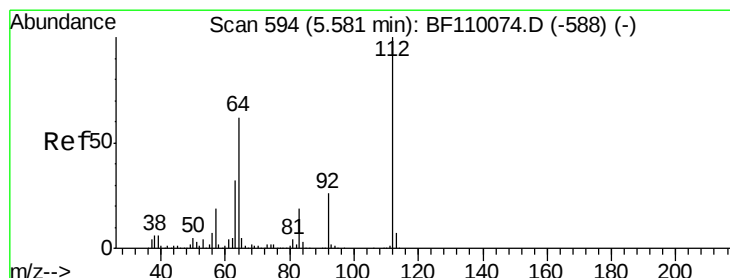
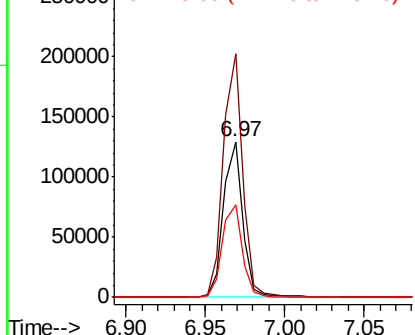
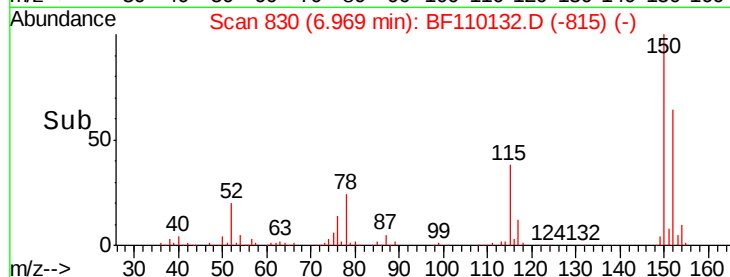
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Instrument :
BNA_F
ClientSampleId :
RB45914RT-OILY-DERBIS

Tot Ion:152 Resp: 108881
Ion Ratio Lower Upper
152 100
150 156.4 122.7 184.1
115 59.7 49.1 73.7



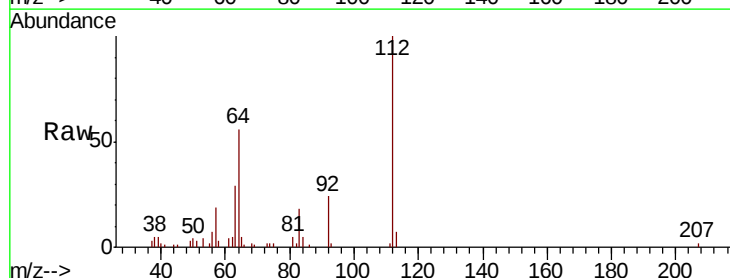
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



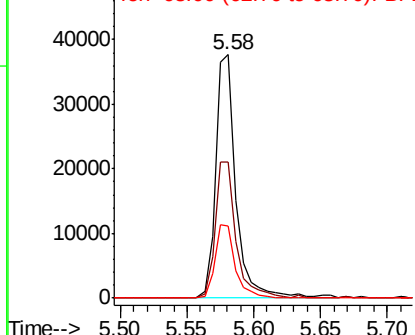
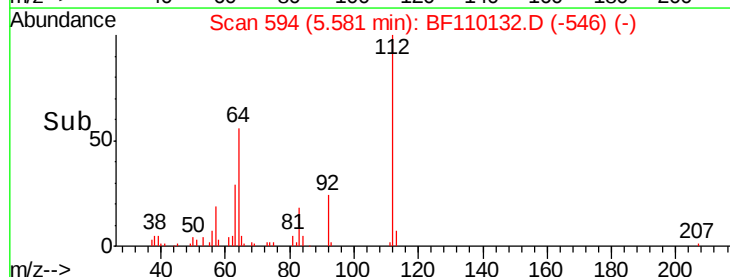
#5

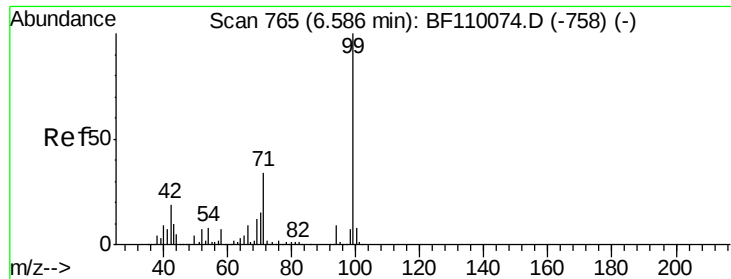
2-Fluorophenol
Concen: 6.061 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Tgt Ion:112 Resp: 40524
Ion Ratio Lower Upper
112 100
64 55.9 44.1 66.1
63 29.5 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: 6.030 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110132.D

Acq: 25 Oct 2018 00:04

Instrument :

BNA_F

ClientSampleId :

RB45914RT-OILY-DERBIS

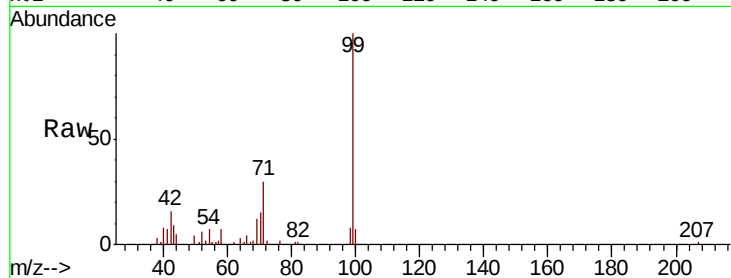
Tot Ion: 99 Resp: 51568

Ion Ratio Lower Upper

99 100

42 16.3 15.8 23.6

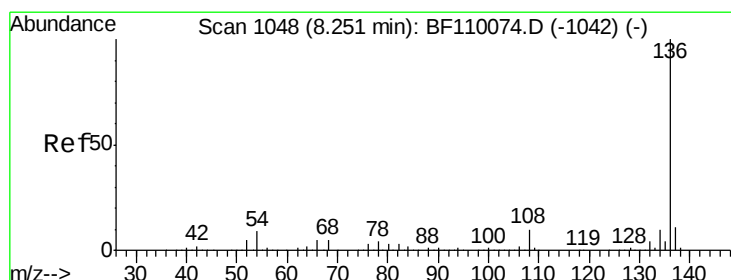
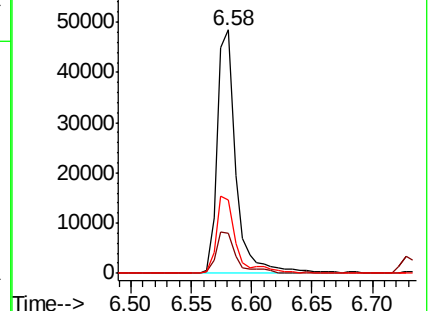
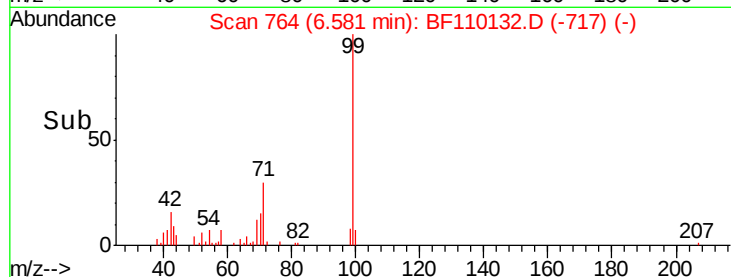
71 30.2 28.0 42.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110132.D

Acq: 25 Oct 2018 00:04

Tgt Ion: 136 Resp: 393401

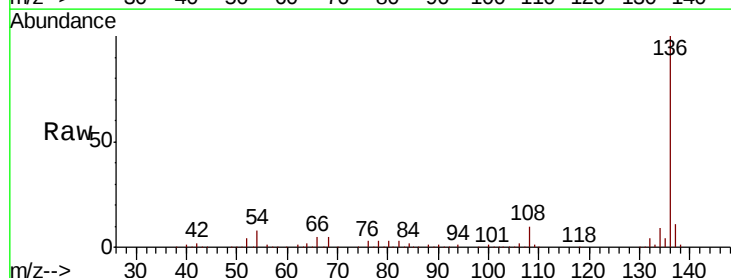
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.7 5.4 8.2

68 5.3 4.2 6.2

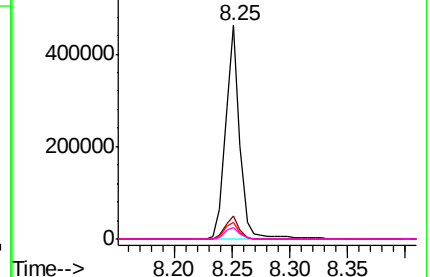
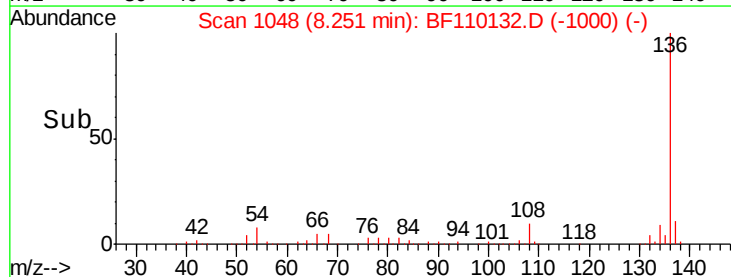


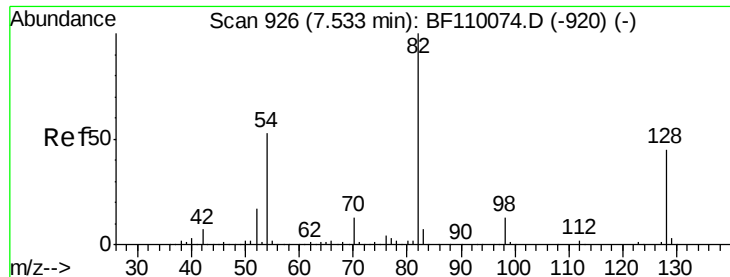
Abundance Ion 136.00 (135.70 to 136.70): E

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

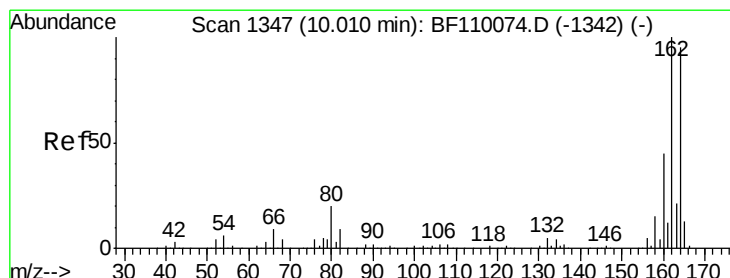
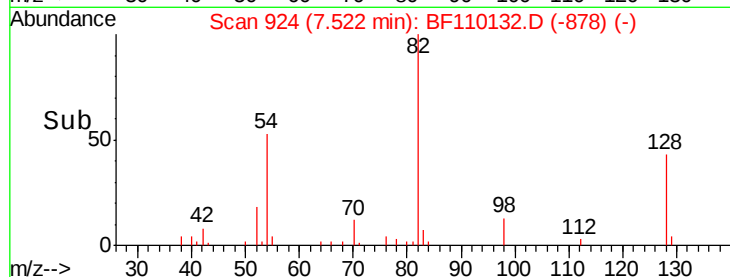
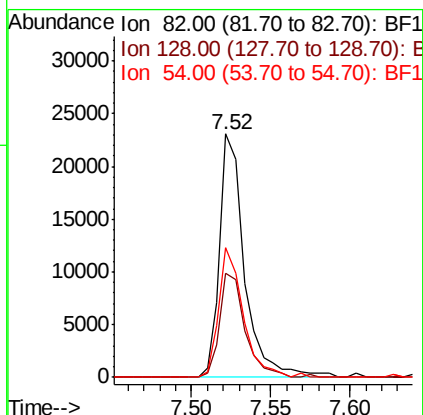
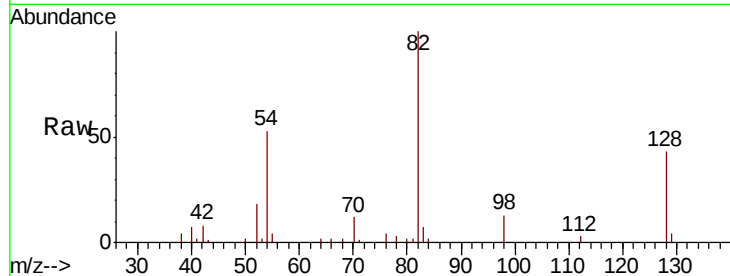




#23
 Nitrobenzene-d5
 Concen: 3.806 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.03 min
 Lab File: BF110132.D
 Acq: 25 Oct 2018 00:04

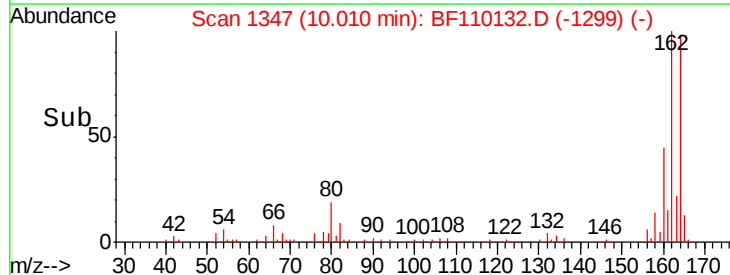
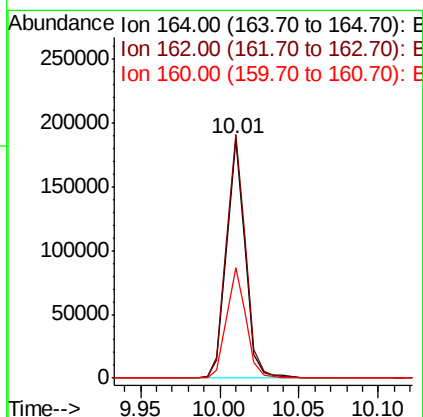
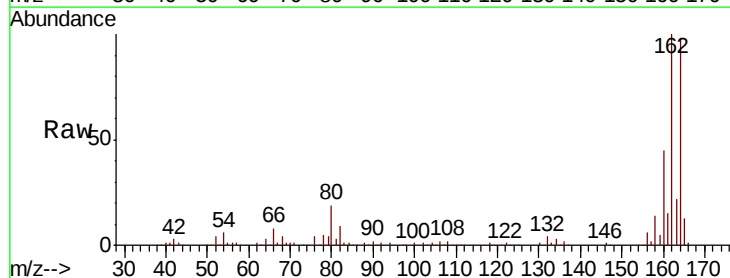
Instrument :
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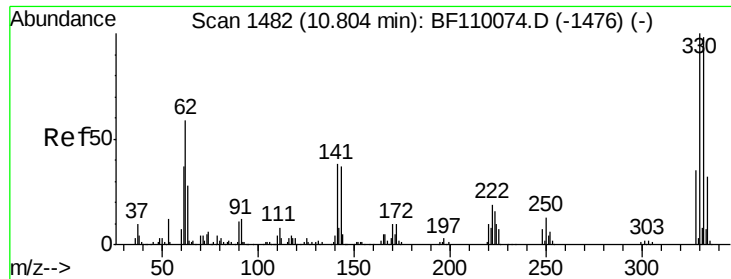
Tot Ion	82	Resp	25241
Ion Ratio	Lower	Upper	
82	100		
128	43.0	34.2	51.2
54	53.2	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF110132.D
 Acq: 25 Oct 2018 00:04

Tgt Ion	164	Resp	152170
Ion Ratio	Lower	Upper	
164	100		
162	102.0	83.0	124.6
160	46.2	37.0	55.6

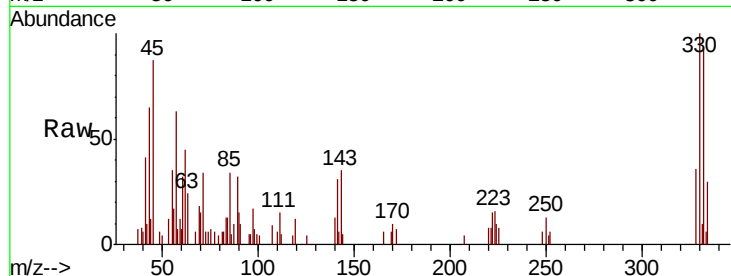




#42
 2,4,6-Tribromophenol
 Concen: 5.254 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110132.D
 Acq: 25 Oct 2018 00:04

Instrument :
 BNA_F
 ClientSampleId :
 RB45914RT-OILY-DERBIS

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.8	77.1	115.7
141	36.2	27.0	40.4

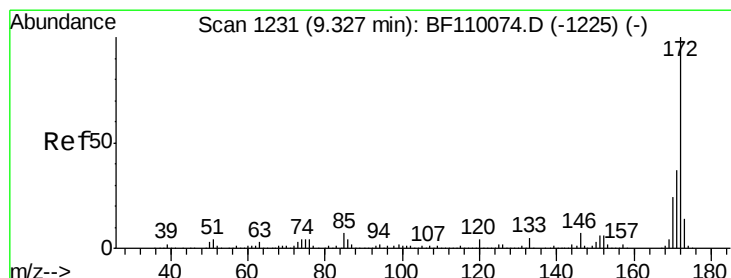
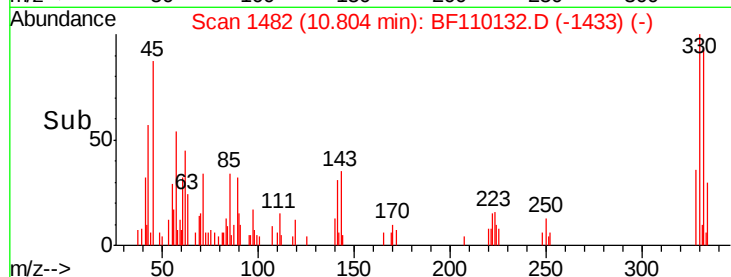
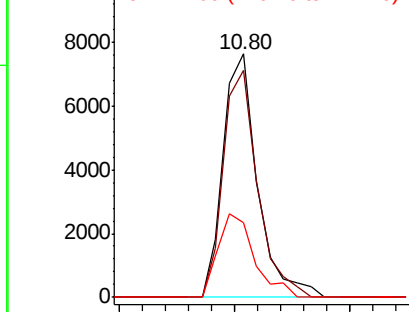


Abundance

Ion 329.80 (329.50 to 330.50): E

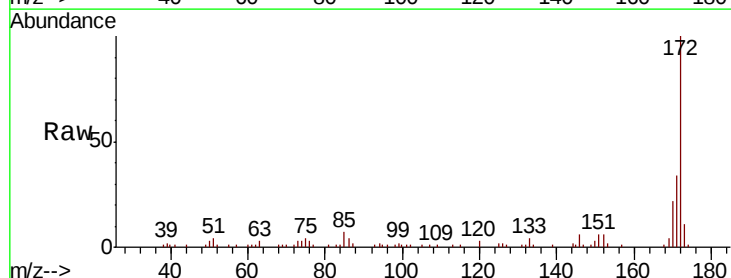
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 5.667 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110132.D
 Acq: 25 Oct 2018 00:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.6	43.0
170	22.0	19.7	29.5

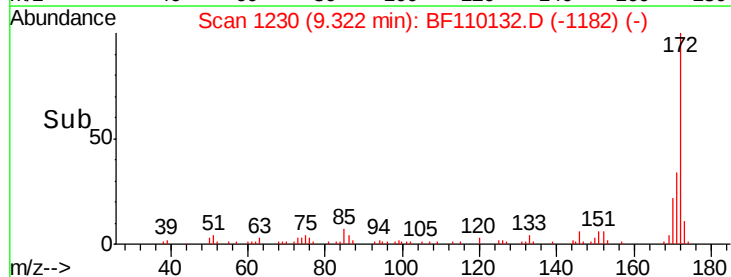
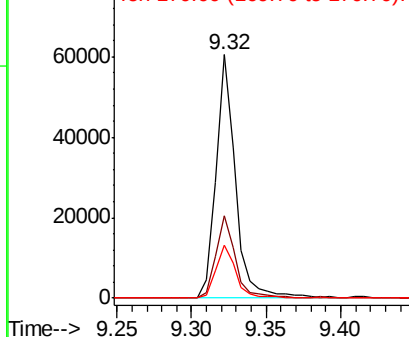


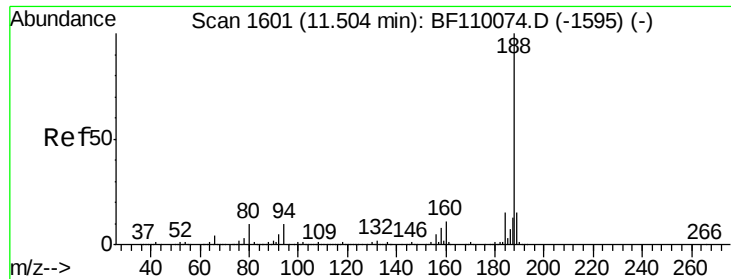
Abundance

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

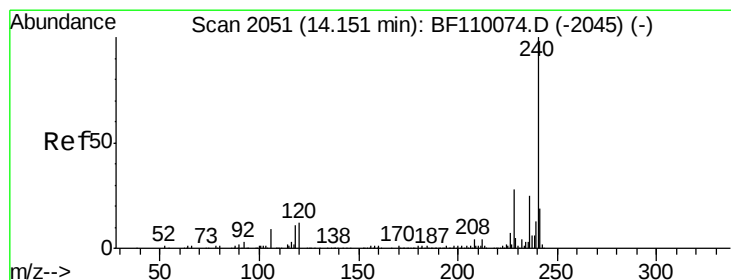
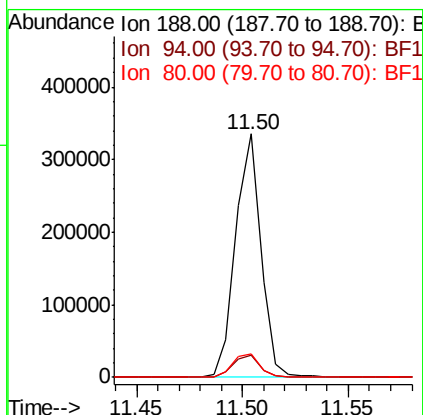
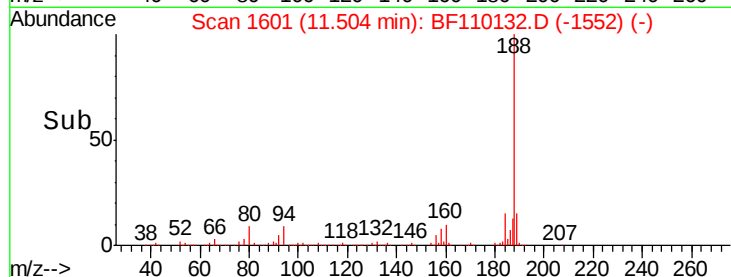
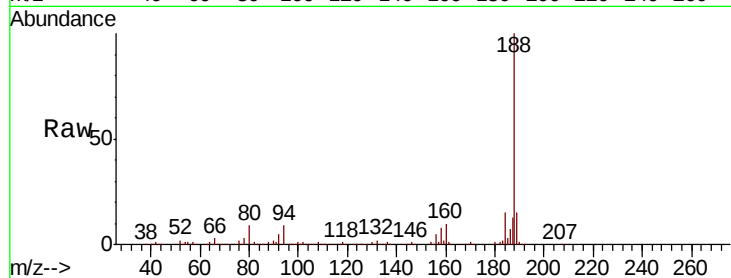




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

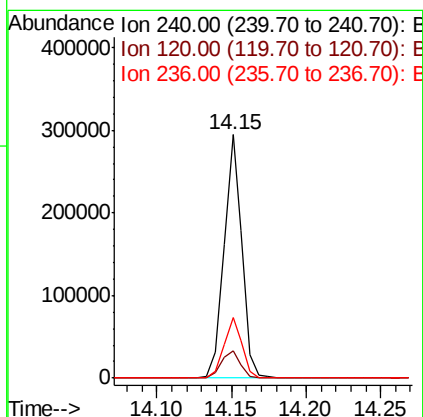
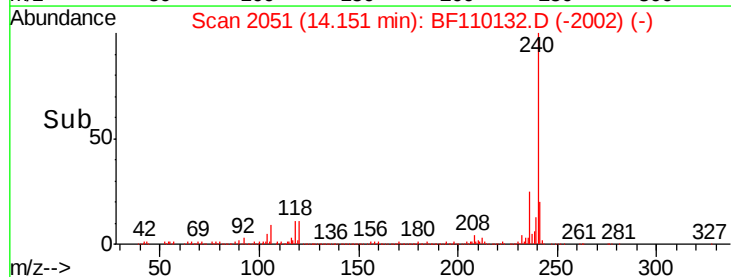
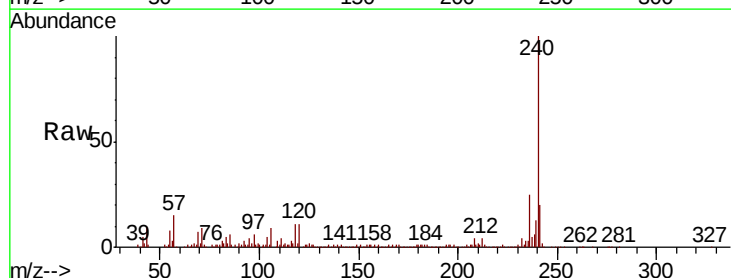
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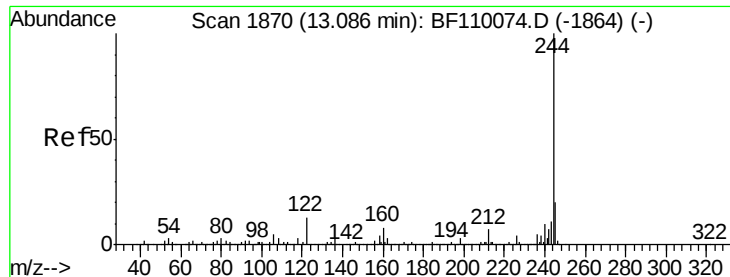
Tot Ion:188 Resp: 278266
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 9.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Tgt Ion:240 Resp: 249985
Ion Ratio Lower Upper
240 100
120 11.4 8.3 12.5
236 25.0 21.2 31.8





#79

Terphenyl-d14

Concen: 4.807 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110132.D

Acq: 25 Oct 2018 00:04

Instrument :

BNA_F

ClientSampleId :

RB45914RT-OILY-DERBIS

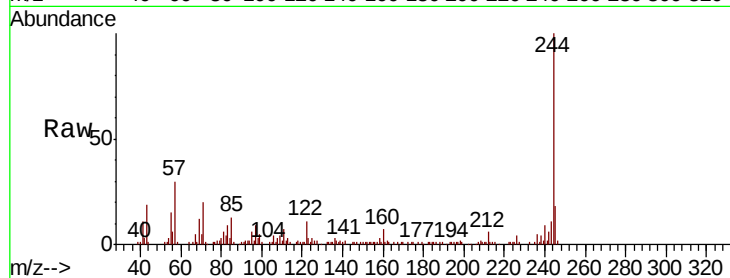
Tot Ion:244 Resp: 57782

Ion Ratio Lower Upper

244 100

212 6.2 5.8 8.8

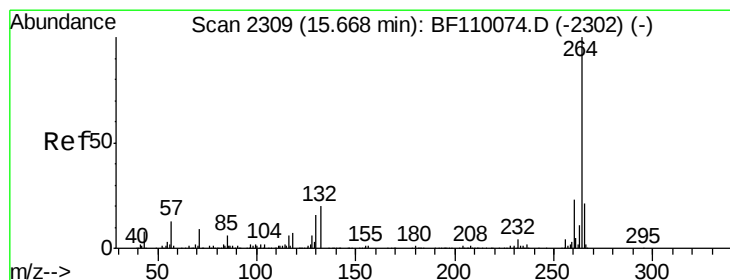
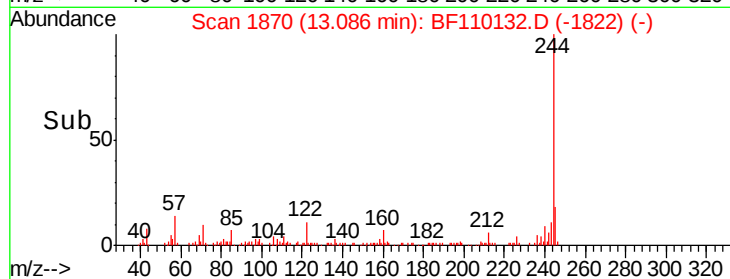
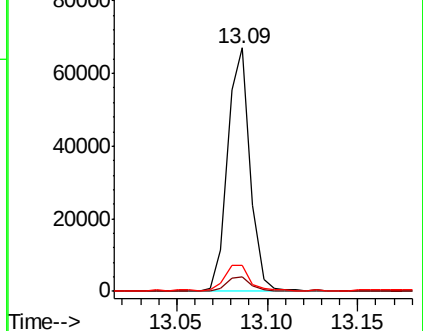
122 10.8 8.7 13.1



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: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF110132.D

Acq: 25 Oct 2018 00:04

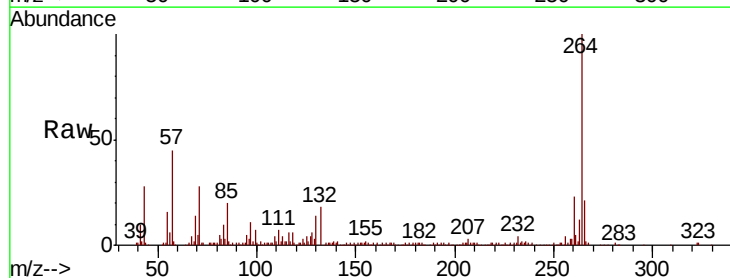
Tgt Ion:264 Resp: 176748

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 20.9 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

