

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110248.D
 Acq On : 27 Oct 2018 8:43
 Operator : JU/SJ
 Sample : PB114167BL
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114167BL

Quant Time: Oct 29 03:56:00 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	6.96	152	95730	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	384437	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	155964	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	246387	20.00	ng	-0.02
76) Chrysene-d12	14.15	240	172619	20.00	ng	-0.01
87) Perylene-d12	15.67	264	115152	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	521441	88.70	ng	0.00
7) Phenol-d6	6.59	99	630835	83.90	ng	-0.02
23) Nitrobenzene-d5	7.53	82	575707	88.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	102978	66.66	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	1052516	105.97	ng	-0.02
79) Terphenyl-d14	13.09	244	728109	87.72	ng	-0.02

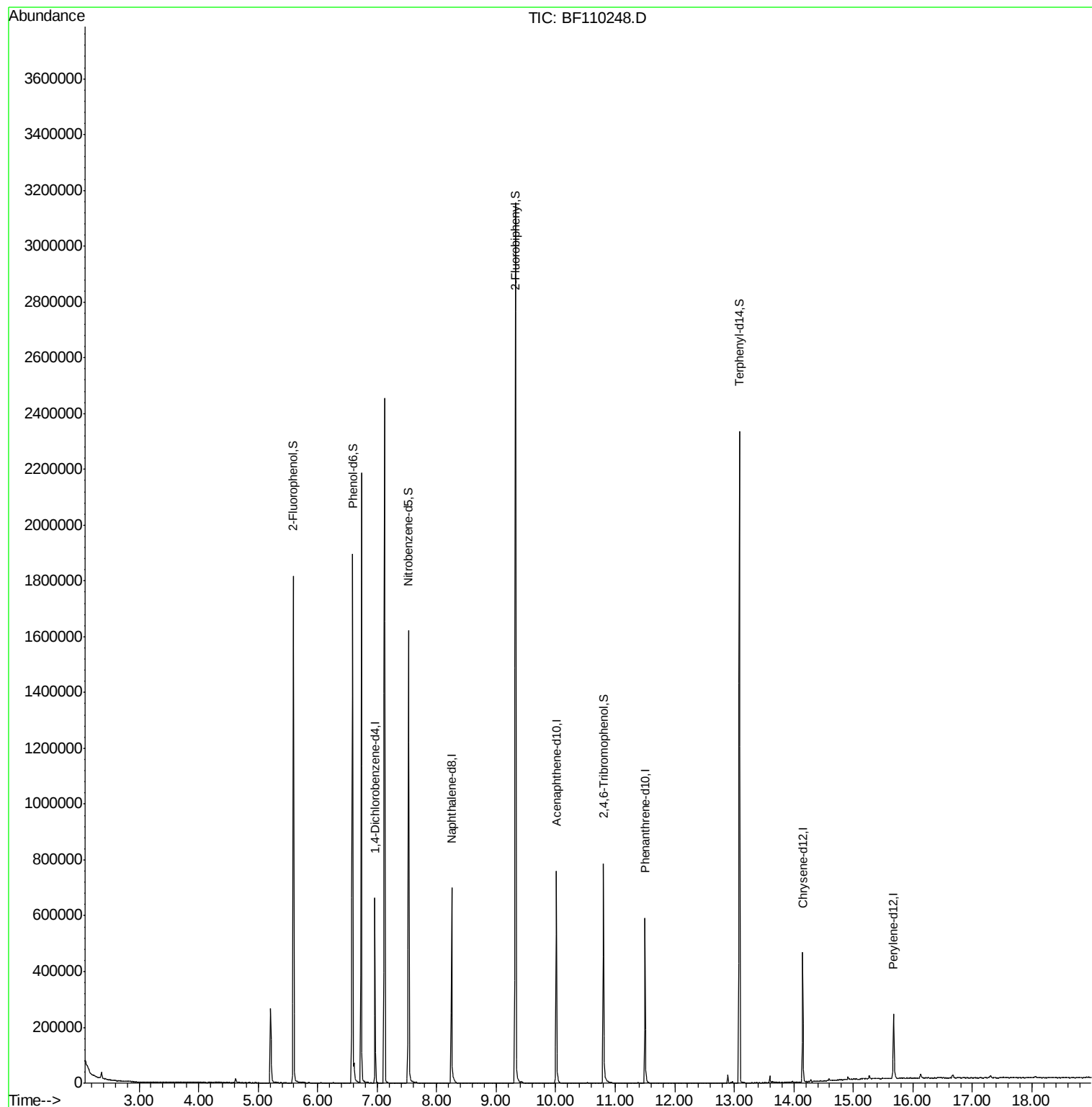
Target Compounds Qvalue

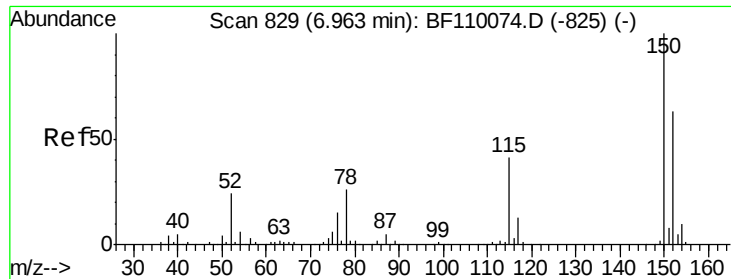
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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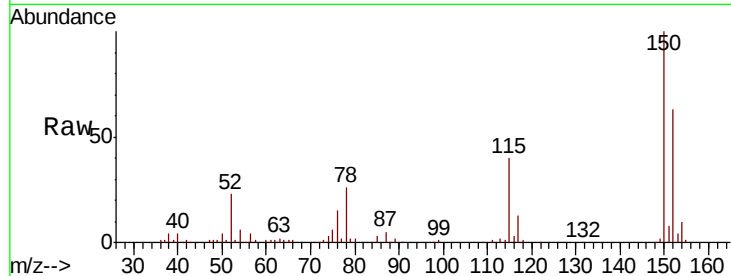




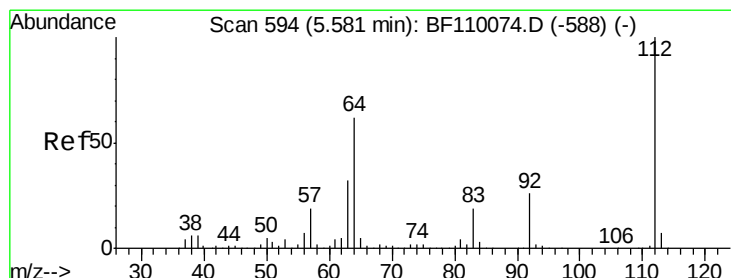
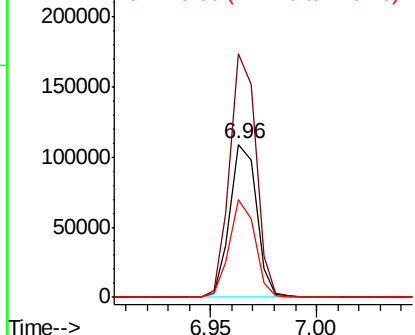
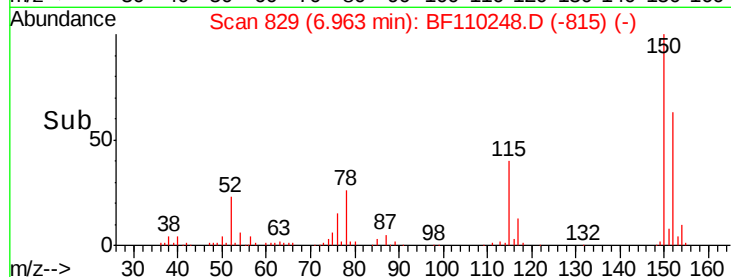
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.02 min
 Lab File: BF110248.D
 Acq: 27 Oct 2018 8:43

Instrument :
 BNA_F
 ClientSampleId :
 PB114167BL

Tot Ion:152 Resp: 95730
 Ion Ratio Lower Upper
 152 100
 150 159.3 122.7 184.1
 115 63.9 49.1 73.7

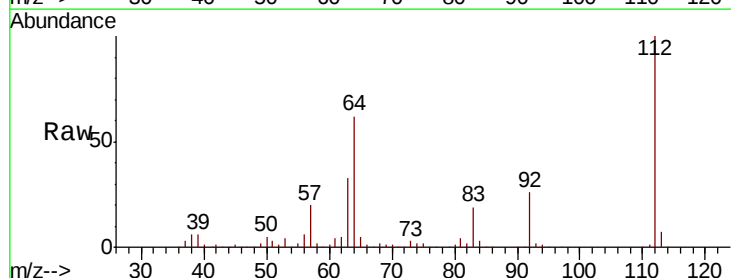


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

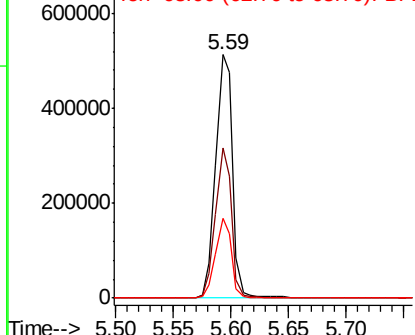
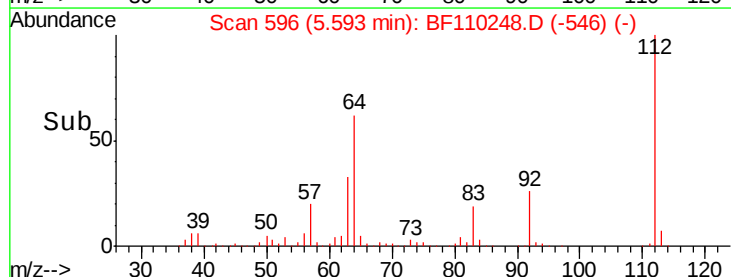


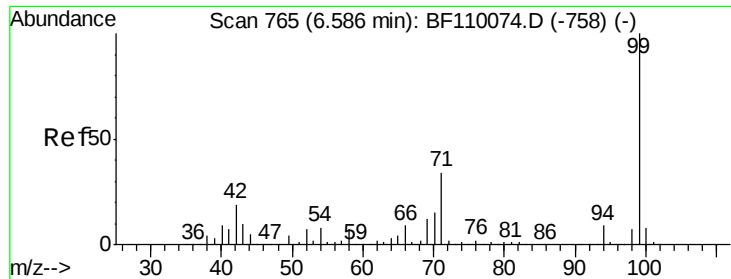
#5
 2-Fluorophenol
 Concen: 88.702 ng
 RT: 5.59 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF110248.D
 Acq: 27 Oct 2018 8:43

Tgt Ion:112 Resp: 521441
 Ion Ratio Lower Upper
 112 100
 64 61.8 44.1 66.1
 63 32.9 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: 83.897 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110248.D

Acq: 27 Oct 2018 8:43

Instrument :

BNA_F

ClientSampleId :

PB114167BL

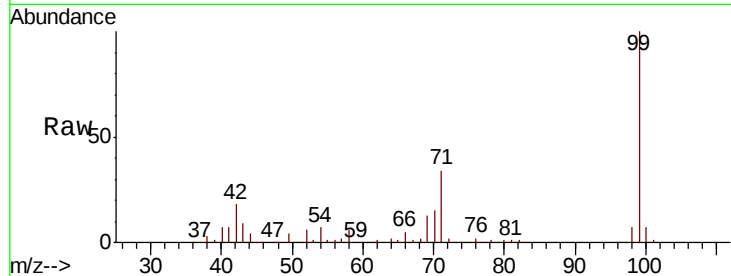
Tot Ion: 99 Resp: 630835

Ion Ratio Lower Upper

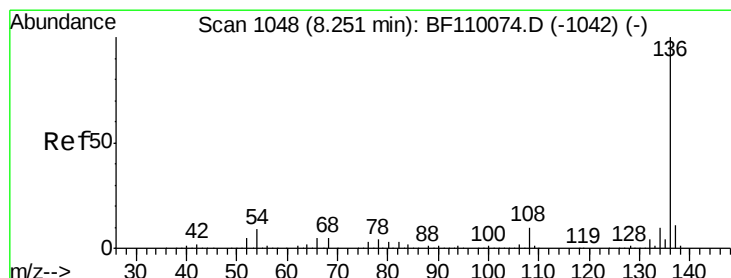
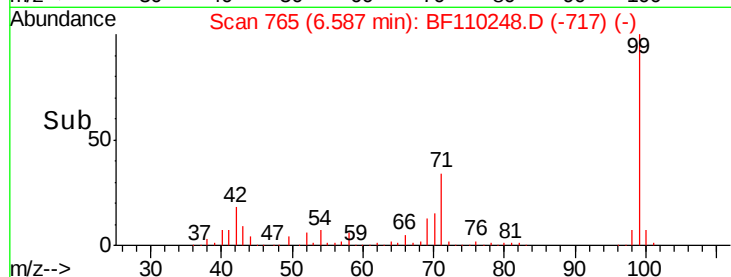
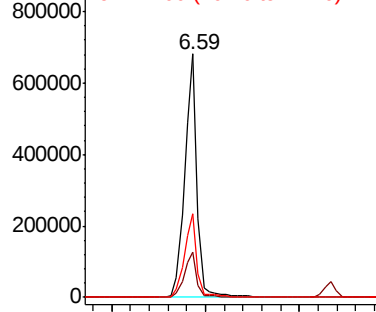
99 100

42 18.4 15.8 23.6

71 34.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110248.D

Acq: 27 Oct 2018 8:43

Tgt Ion: 136 Resp: 384437

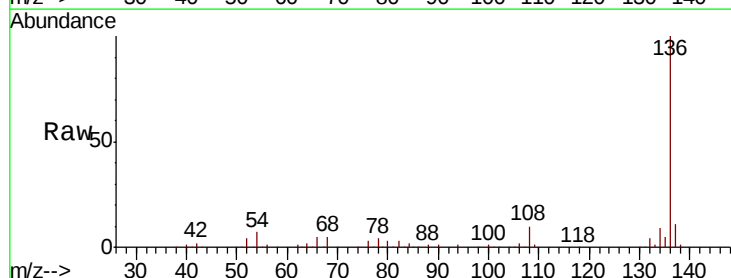
Ion Ratio Lower Upper

136 100

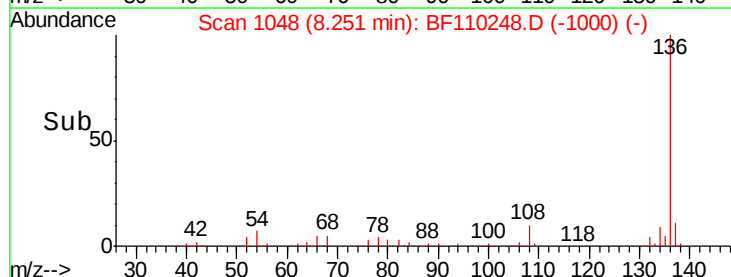
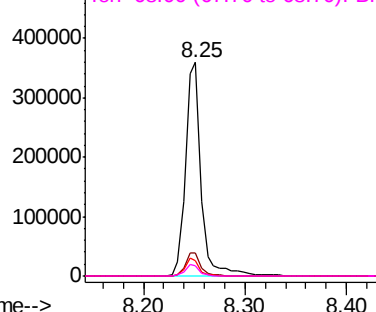
137 10.7 8.8 13.2

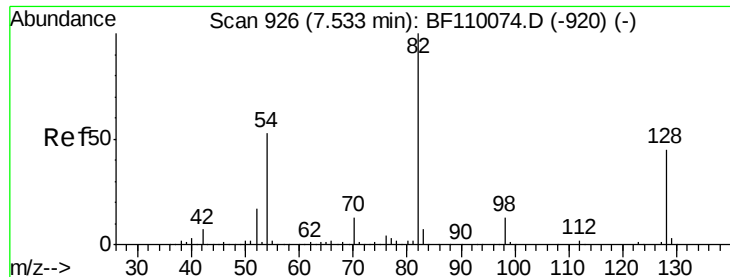
54 7.1 5.4 8.2

68 5.1 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

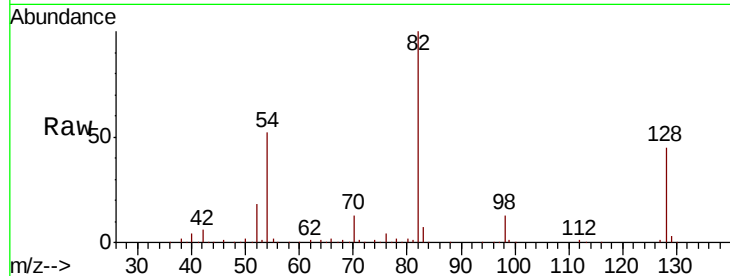




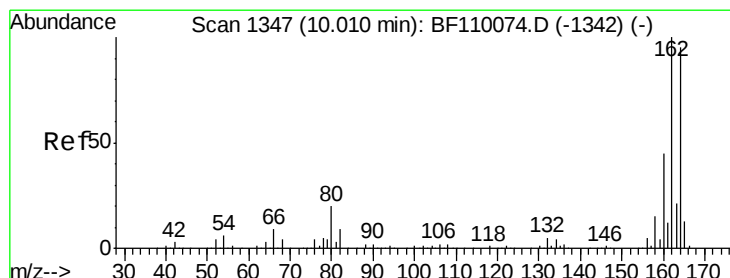
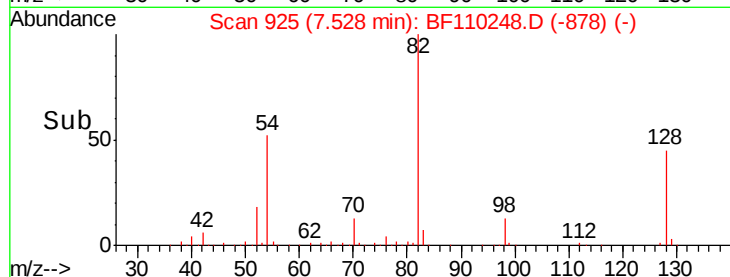
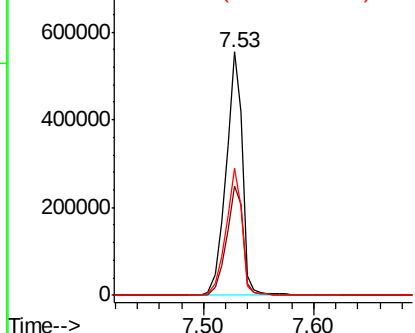
#23
Nitrobenzene-d5
Concen: 88.823 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110248.D
Acq: 27 Oct 2018 8:43

Instrument :
BNA_F
ClientSampleId :
PB114167BL

Tot Ion	82	Resp	575707
Ion Ratio	Lower	Upper	
82	100		
128	45.1	34.2	51.2
54	52.4	38.6	58.0

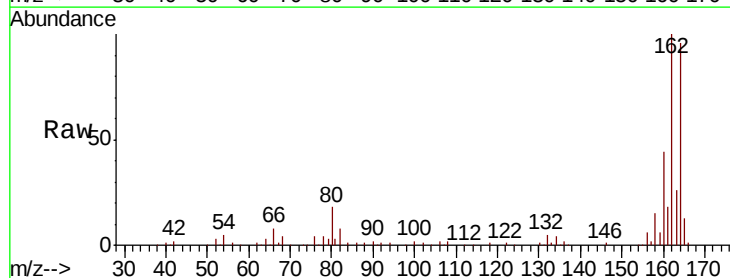


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

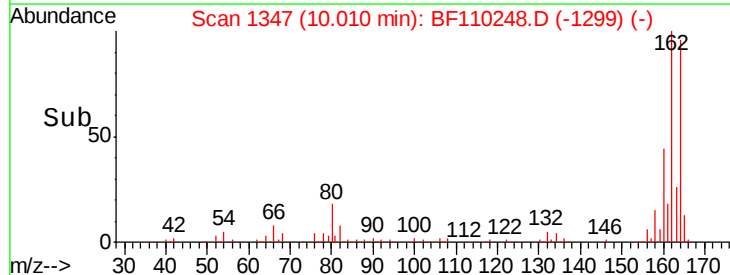
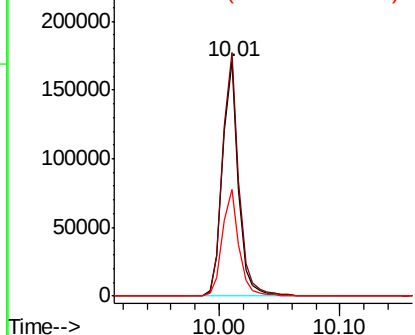


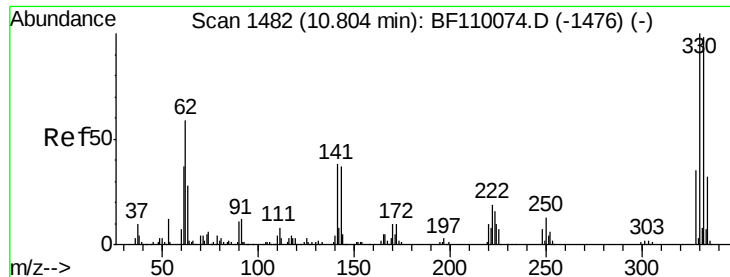
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110248.D
Acq: 27 Oct 2018 8:43

Tgt Ion	164	Resp	155964
Ion Ratio	Lower	Upper	
164	100		
162	104.0	83.0	124.6
160	45.8	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

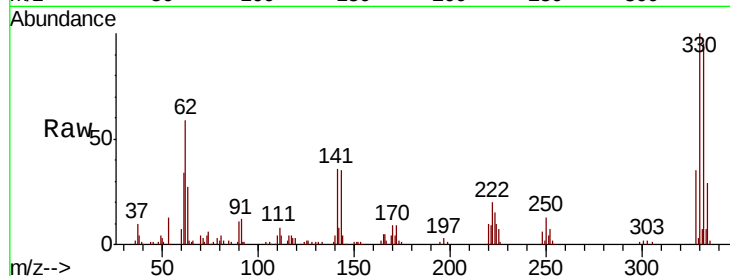




#42
 2,4,6-Tribromophenol
 Concen: 66.656 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110248.D
 Acq: 27 Oct 2018 8:43

Instrument :
 BNA_F
 ClientSampleId :
 PB114167BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	35.6	27.0	40.4

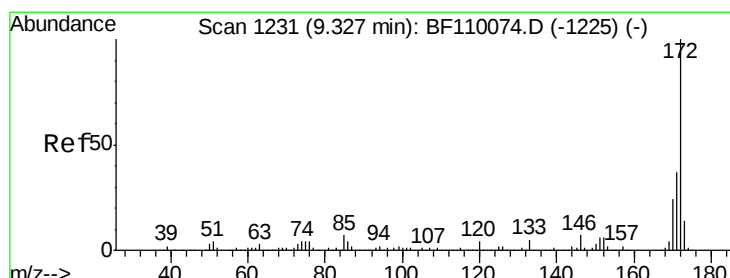
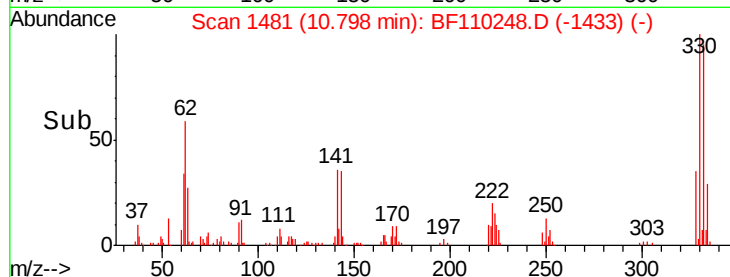
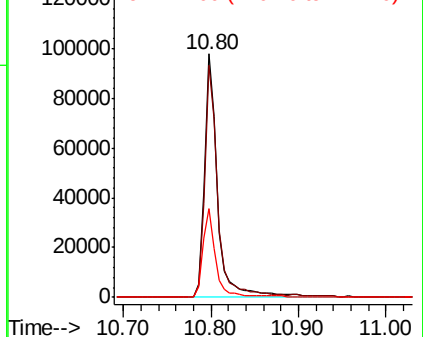


Abundance

Ion 329.80 (329.50 to 330.50): E

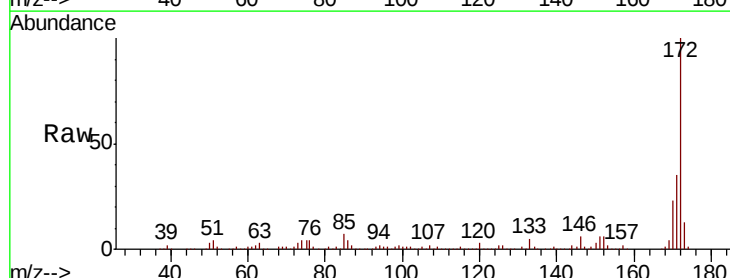
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 105.968 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110248.D
 Acq: 27 Oct 2018 8:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.0	19.7	29.5

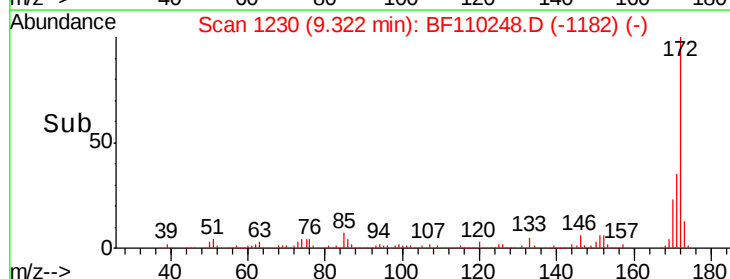
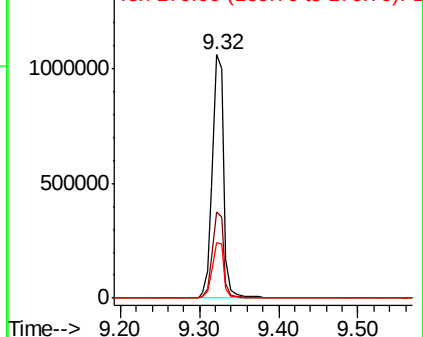


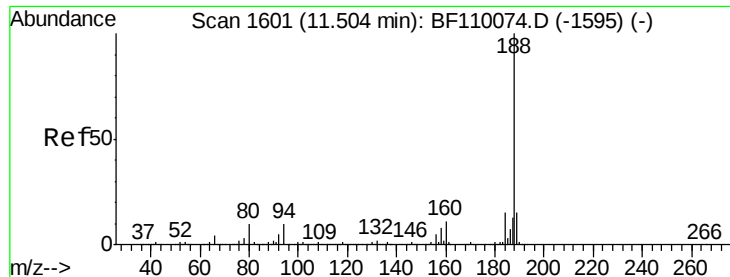
Abundance

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

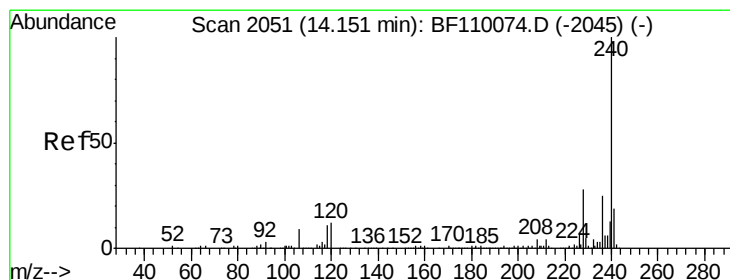
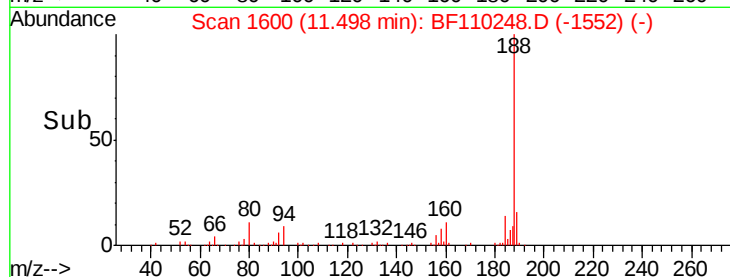
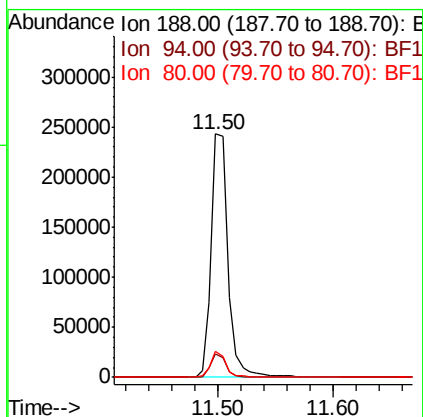
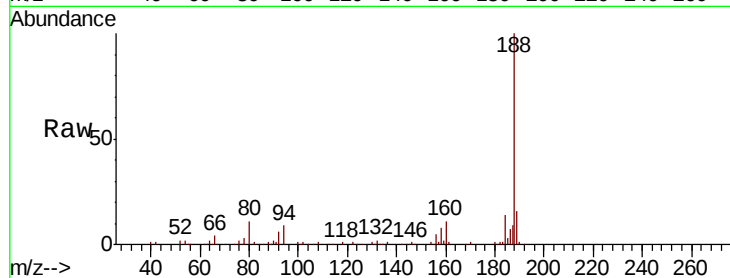




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110248.D
Acq: 27 Oct 2018 8:43

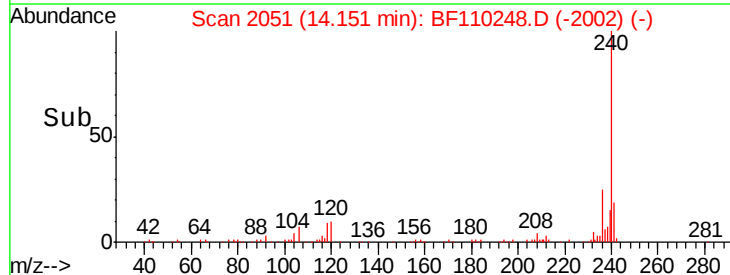
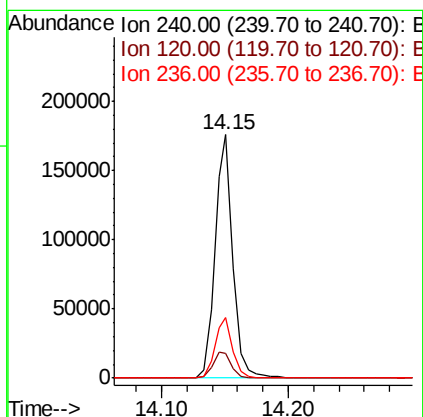
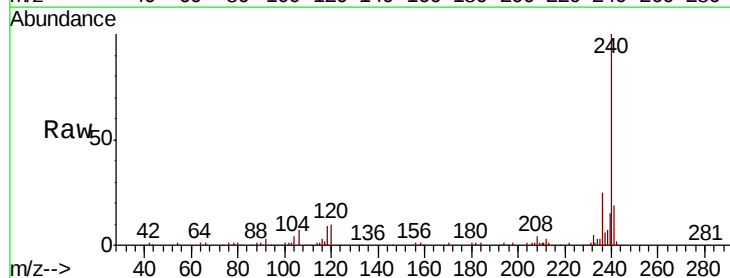
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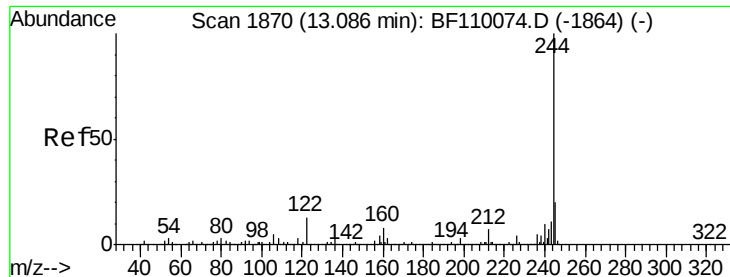
Tot Ion:188 Resp: 246387
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110248.D
Acq: 27 Oct 2018 8:43

Tgt Ion:240 Resp: 172619
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 24.8 21.2 31.8





#79

Terphenyl-d14

Concen: 87.722 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110248.D

Acq: 27 Oct 2018 8:43

Instrument :

BNA_F

ClientSampled :

PB114167BL

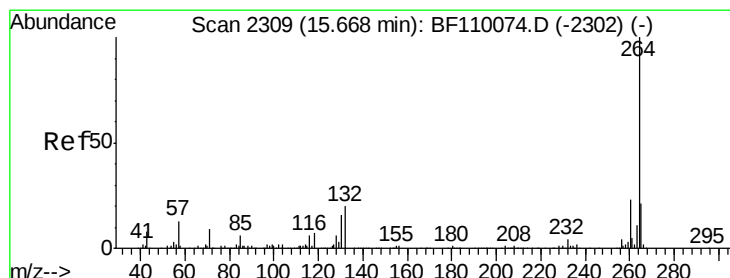
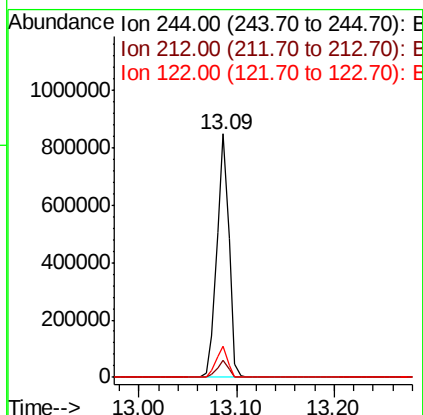
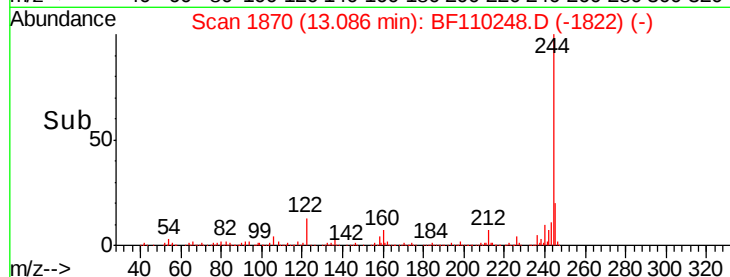
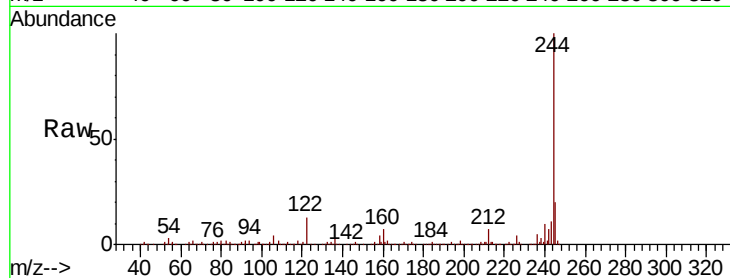
Tot Ion:244 Resp: 728109

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 12.6 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110248.D

Acq: 27 Oct 2018 8:43

Tgt Ion:264 Resp: 115152

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.5 16.7 25.1

