

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110044.D
 Acq On : 22 Oct 2018 12:55
 Operator : JU/SJ
 Sample : PB114048BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114048BL

Quant Time: Oct 23 02:31:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	211593	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	841550	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	397488	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	787709	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	689808	20.00	ng	-0.02
87) Perylene-d12	15.67	264	583683	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1363493	102.15	ng	0.00
7) Phenol-d6	6.59	99	1709348	103.13	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1076598	86.18	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	428299	124.46	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1939272	77.85	ng	-0.01
79) Terphenyl-d14	13.09	244	2069860	63.01	ng	-0.01

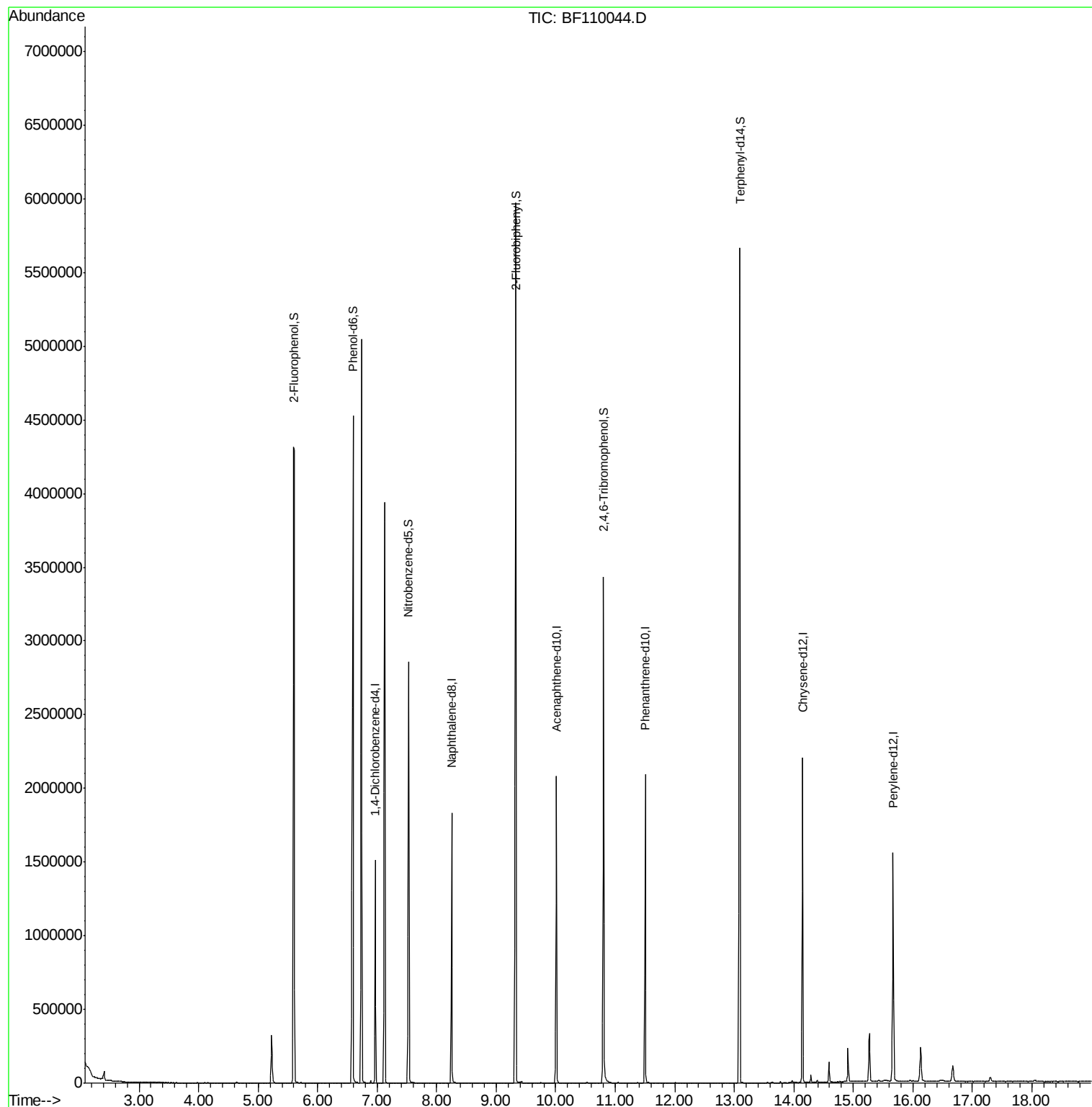
Target Compounds Qvalue

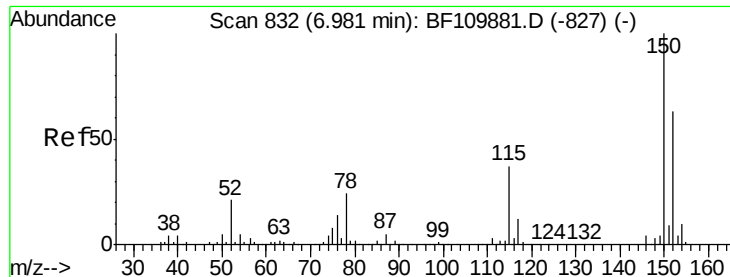
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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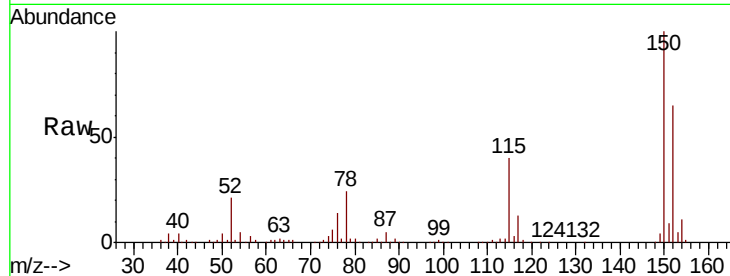


#1

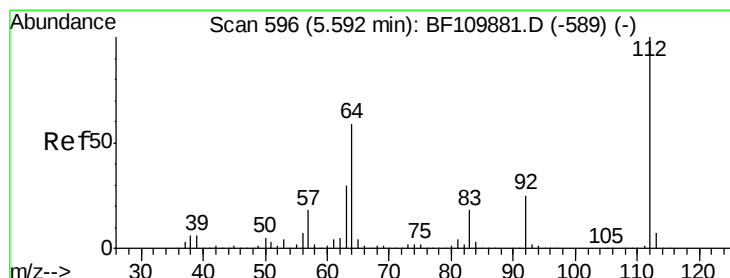
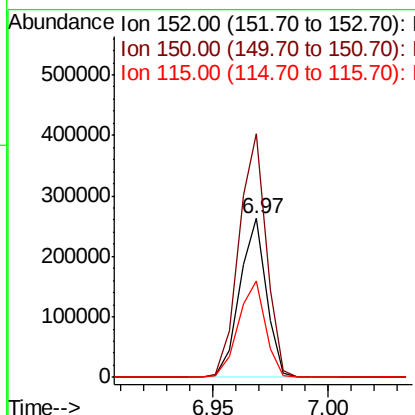
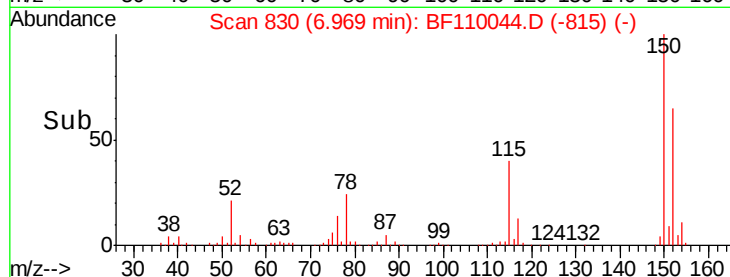
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Instrument :
BNA_F
ClientSampleId :
PB114048BL

Tot Ion:152 Resp: 211593
Ion Ratio Lower Upper
152 100
150 153.2 122.7 184.1
115 60.9 49.1 73.7



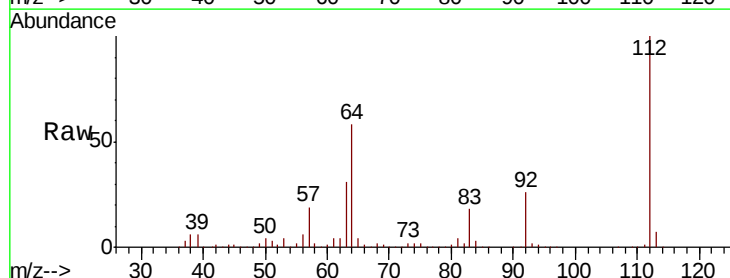
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



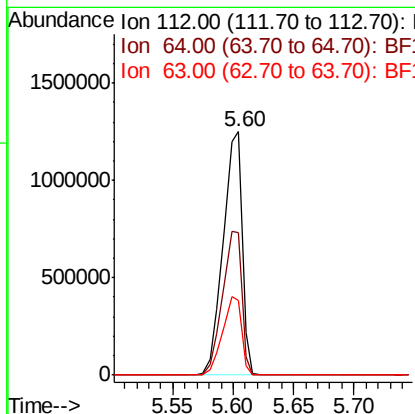
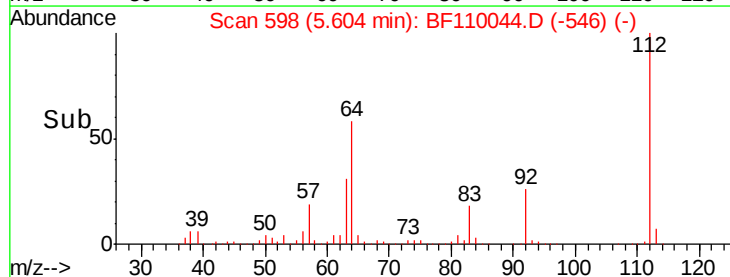
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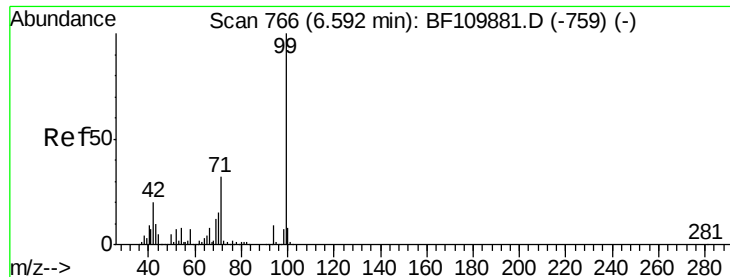
2-Fluorophenol
Concen: 102.145 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Tgt Ion:112 Resp: 1363493
Ion Ratio Lower Upper
112 100
64 58.4 44.1 66.1
63 30.9 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: 103.125 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110044.D

Acq: 22 Oct 2018 12:55

Instrument :

BNA_F

ClientSampleId :

PB114048BL

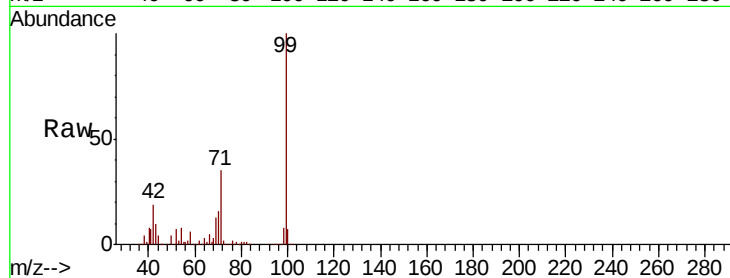
Tot Ion: 99 Resp: 1709348

Ion Ratio Lower Upper

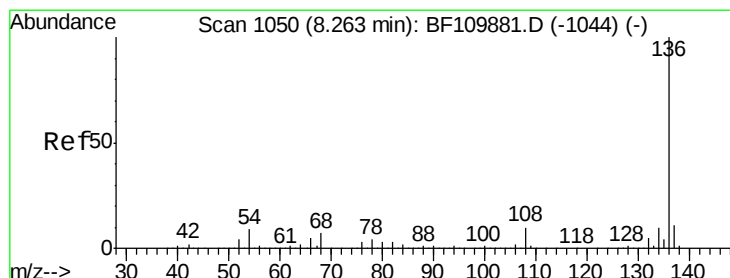
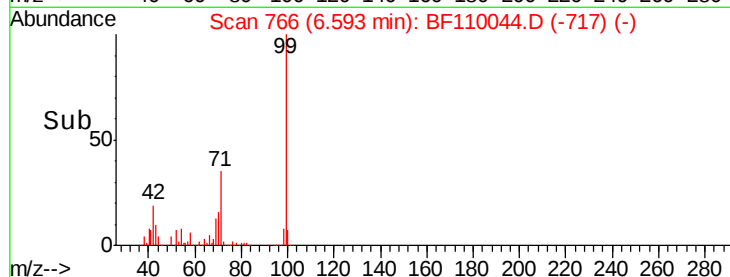
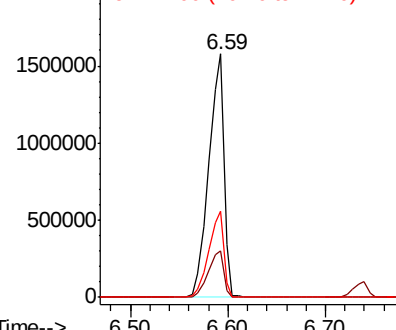
99 100

42 19.1 15.8 23.6

71 35.2 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: BF110044.D

Acq: 22 Oct 2018 12:55

Tgt Ion: 136 Resp: 841550

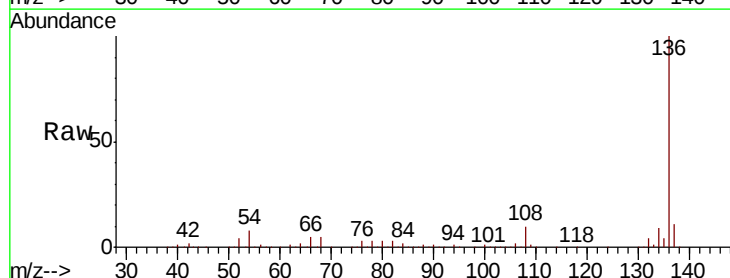
Ion Ratio Lower Upper

136 100

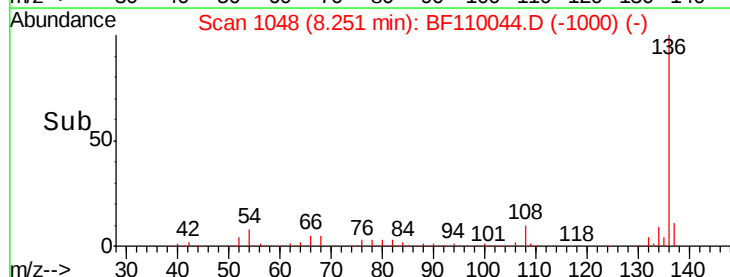
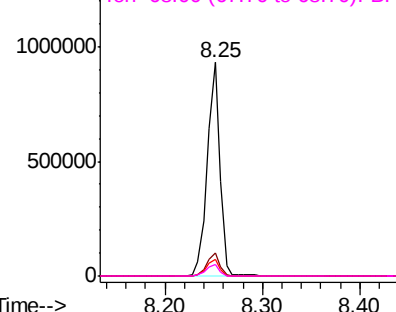
137 10.7 8.8 13.2

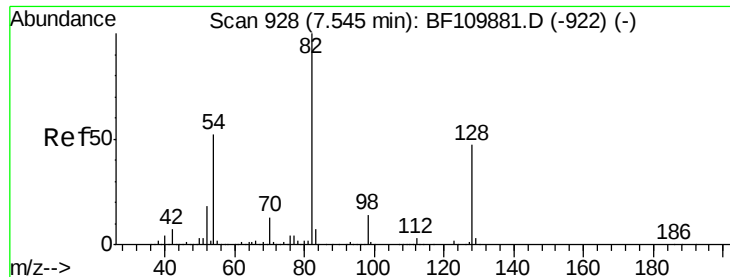
54 7.8 5.4 8.2

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



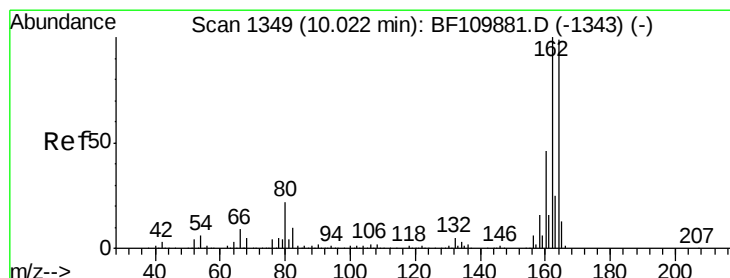
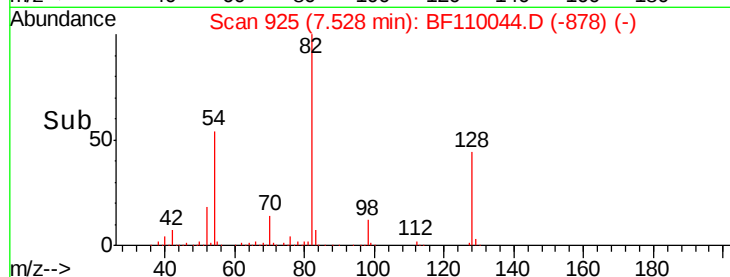
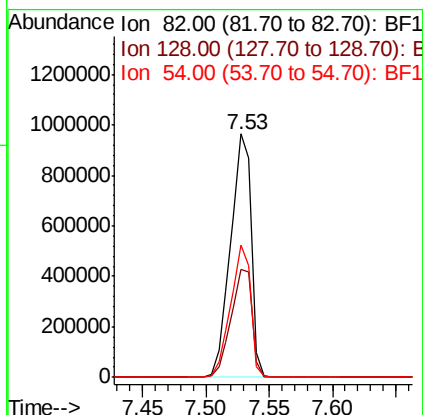
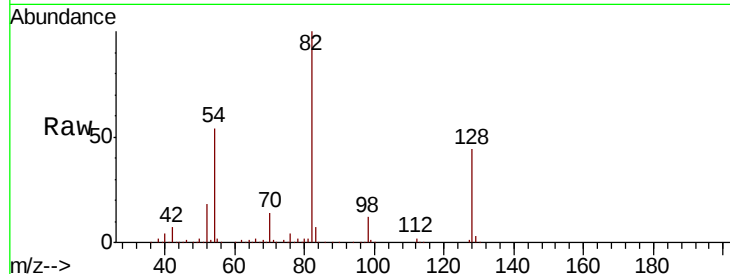


#23
 Nitrobenzene-d5
 Concen: 86.179 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110044.D
 Acq: 22 Oct 2018 12:55

Instrument :
 BNA_F
 ClientSampleId :
 PB114048BL

Tot Ion: 82 Resp: 1076598

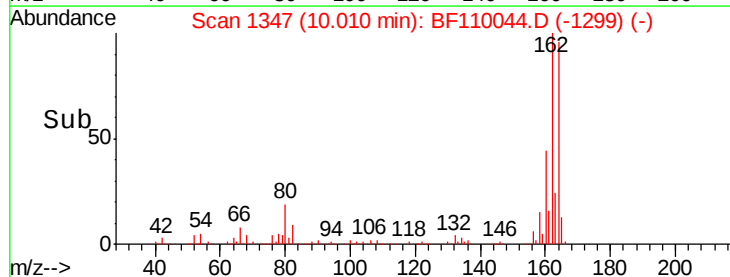
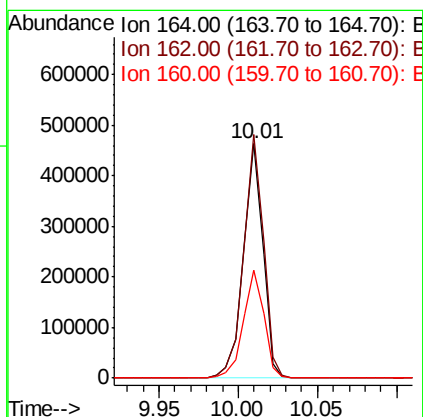
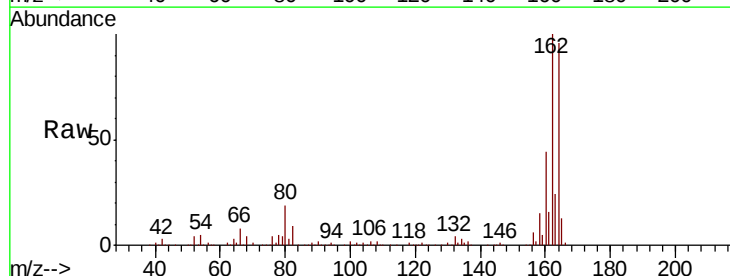
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.2	51.2
54	54.2	38.6	58.0

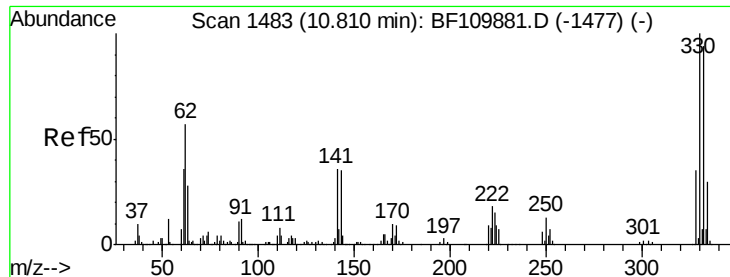


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF110044.D
 Acq: 22 Oct 2018 12:55

Tgt Ion: 164 Resp: 397488

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.0	124.6
160	46.0	37.0	55.6

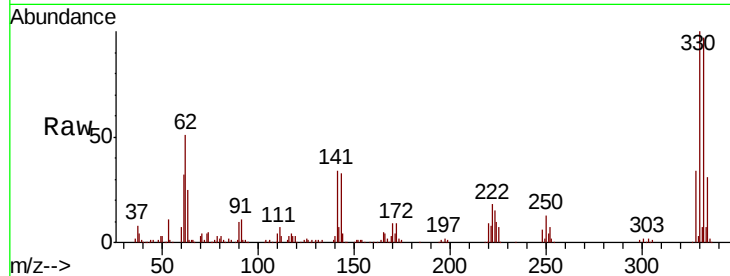




#42
 2,4,6-Tribromophenol
 Concen: 124.457 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110044.D
 Acq: 22 Oct 2018 12:55

Instrument :
 BNA_F
 ClientSampleId :
 PB114048BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.1	115.7
141	36.8	27.0	40.4

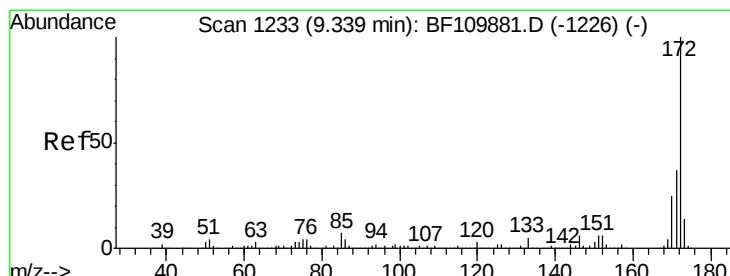
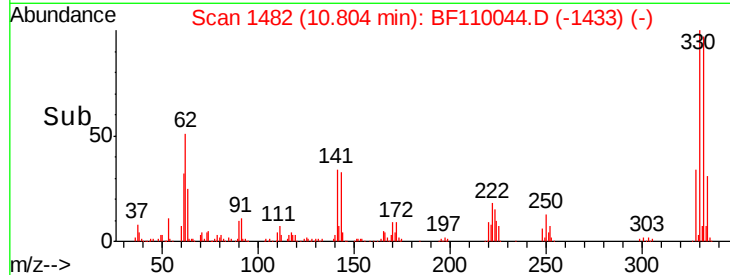
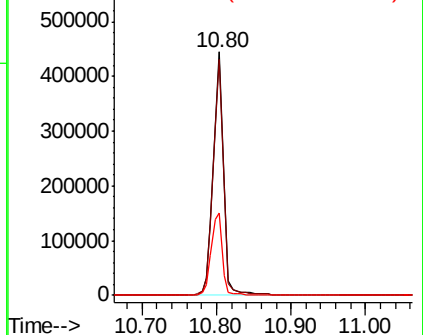


Abundance

Ion 329.80 (329.50 to 330.50): E

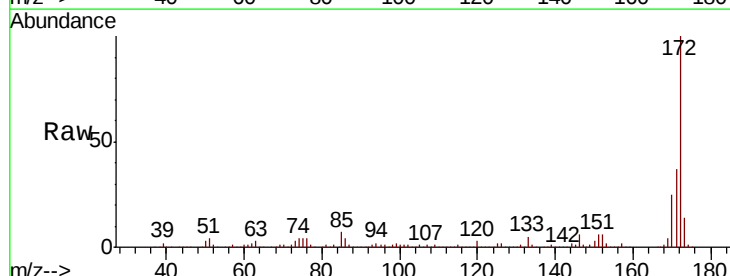
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.849 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110044.D
 Acq: 22 Oct 2018 12:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.6	19.7	29.5

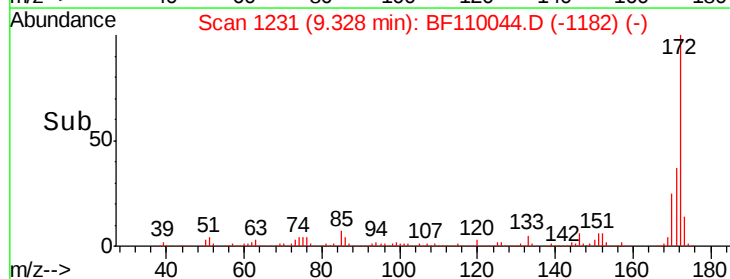
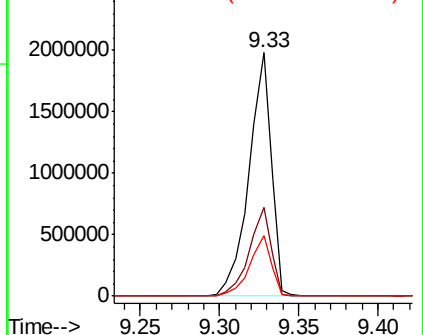


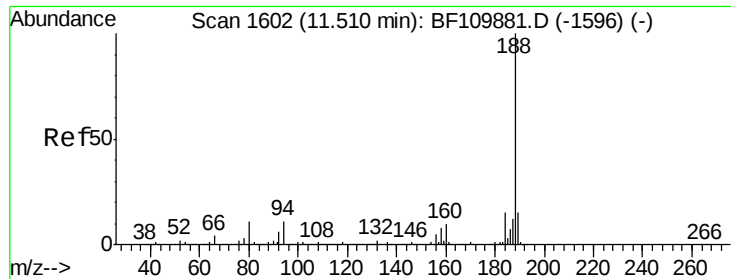
Abundance

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

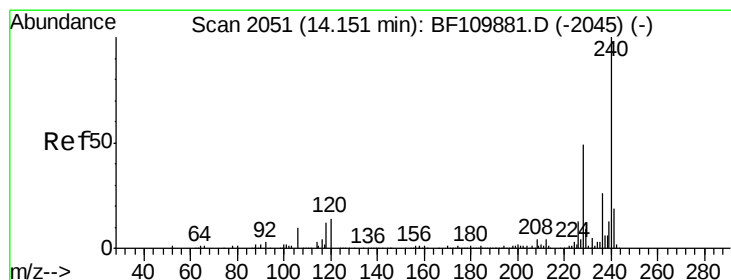
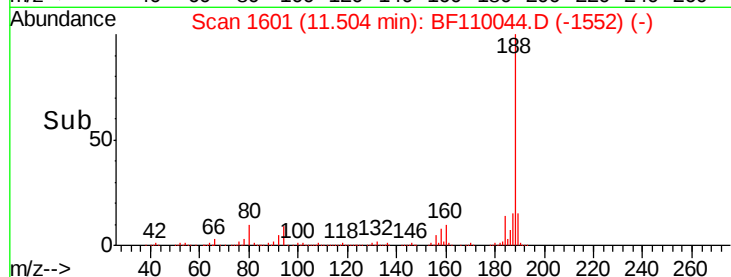
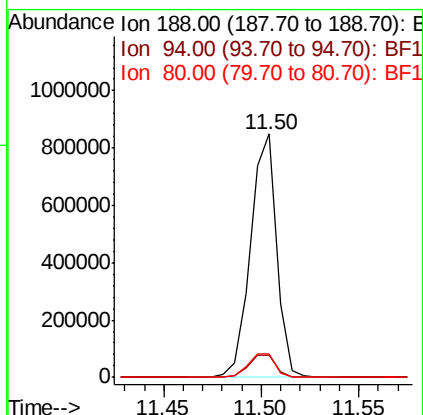
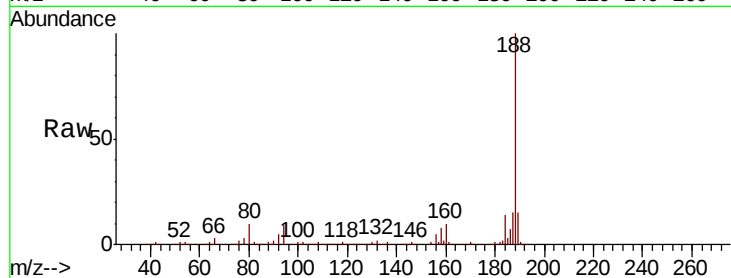




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

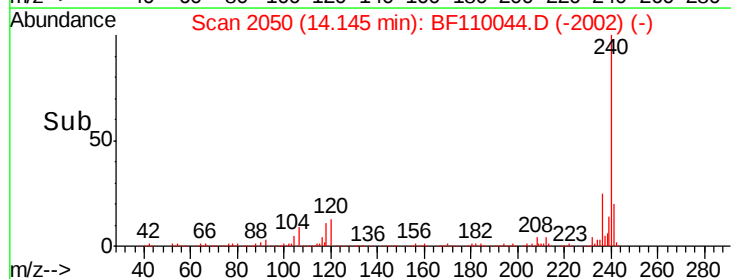
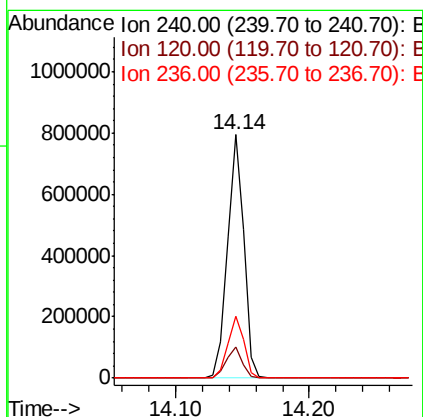
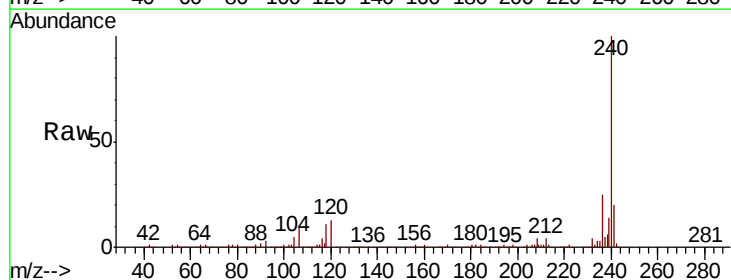
Instrument :
BNA_F
ClientSampled :
PB114048BL

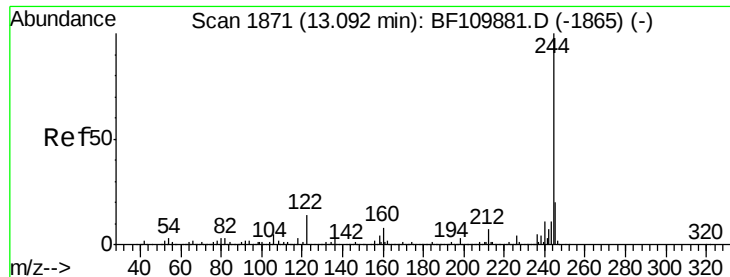
Tot Ion:188 Resp: 787709
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110044.D
Acq: 22 Oct 2018 12:55

Tgt Ion:240 Resp: 689808
Ion Ratio Lower Upper
240 100
120 12.8 8.3 12.5#
236 25.2 21.2 31.8





#79

Terphenyl-d14

Concen: 63.011 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110044.D

Acq: 22 Oct 2018 12:55

Instrument :

BNA_F

ClientSampleId :

PB114048BL

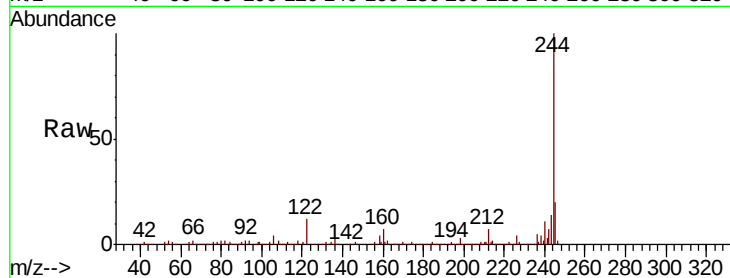
Tot Ion:244 Resp: 2069860

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

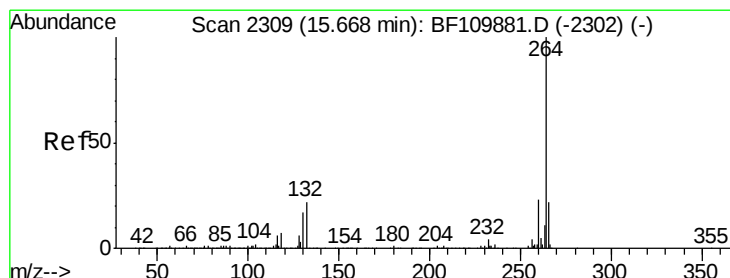
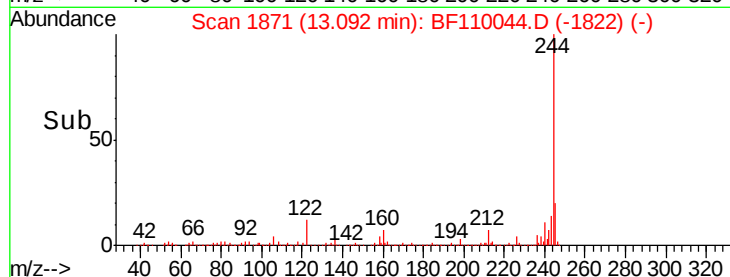
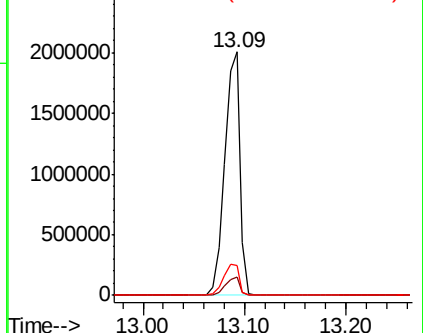
122 12.0 8.7 13.1



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. -0.02 min

Lab File: BF110044.D

Acq: 22 Oct 2018 12:55

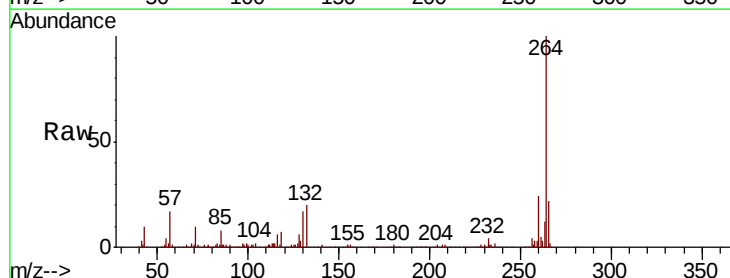
Tgt Ion:264 Resp: 583683

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 22.2 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

