

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110349.D
 Acq On : 31 Oct 2018 22:45
 Operator : JU/SJ
 Sample : PB114334BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114334BL

Quant Time: Nov 01 04:39:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	87986	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	361660	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	173407	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	300898	20.00	ng	0.00
76) Chrysene-d12	14.16	240	178237	20.00	ng	0.00
87) Perylene-d12	15.70	264	142914	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	318391	58.93	ng	0.00
7) Phenol-d6	6.59	99	404296	58.50	ng	-0.01
23) Nitrobenzene-d5	7.53	82	376955	61.82	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	86533	50.38	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	738450	66.87	ng	0.00
79) Terphenyl-d14	13.10	244	605400	70.64	ng	0.00

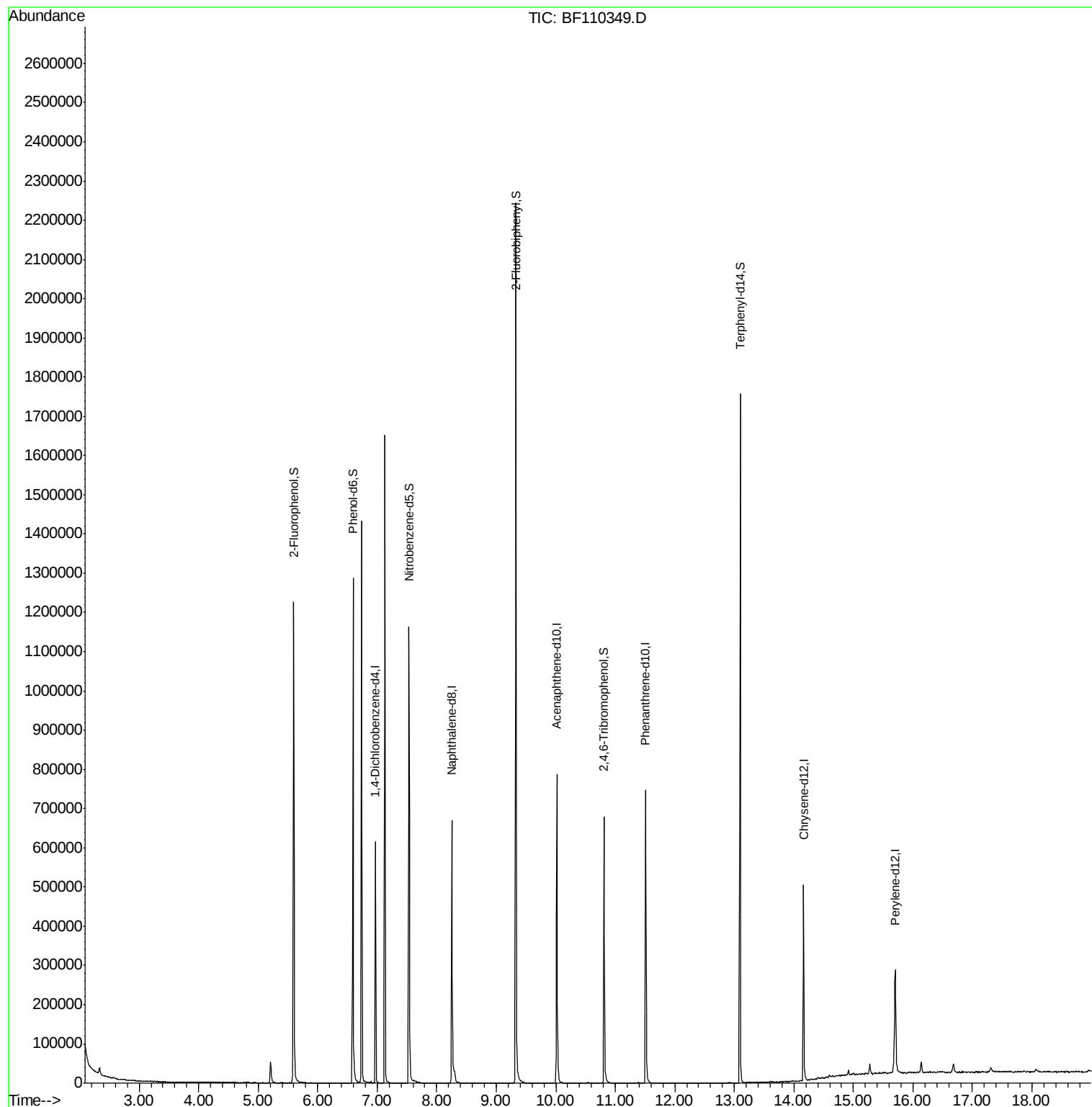
Target Compounds Qvalue

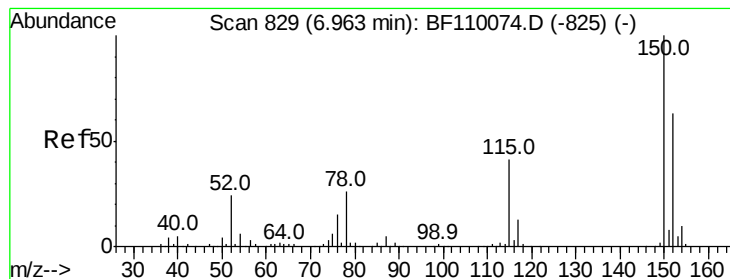
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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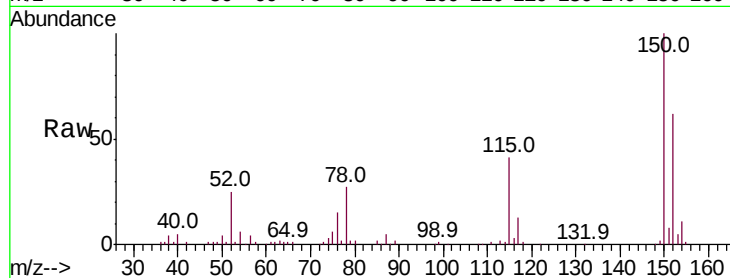


#1

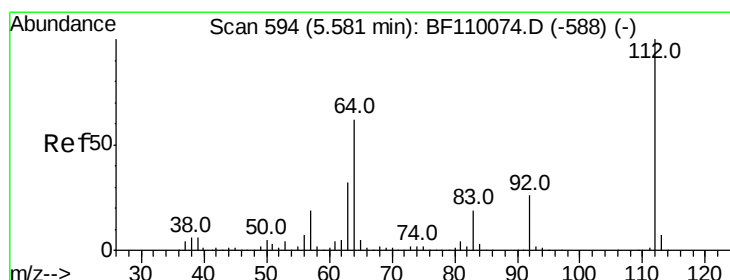
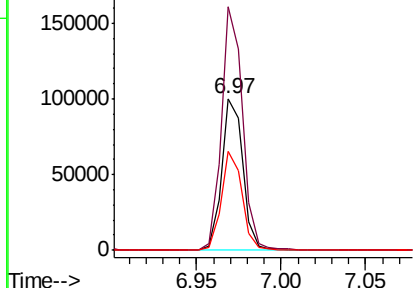
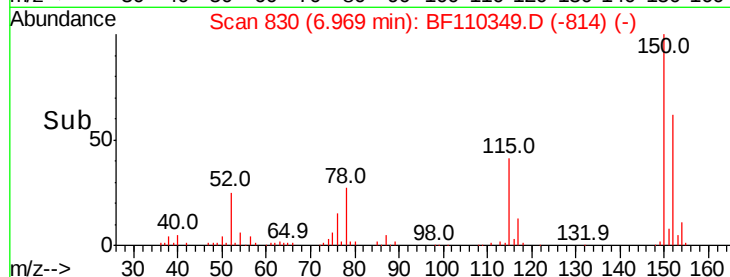
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110349.D
 Acq: 31 Oct 2018 22:45

Instrument :
 BNA_F
 ClientSampleId :
 PB114334BL

Tot Ion:152 Resp: 87986
 Ion Ratio Lower Upper
 152 100
 150 160.4 122.7 184.1
 115 65.6 49.1 73.7



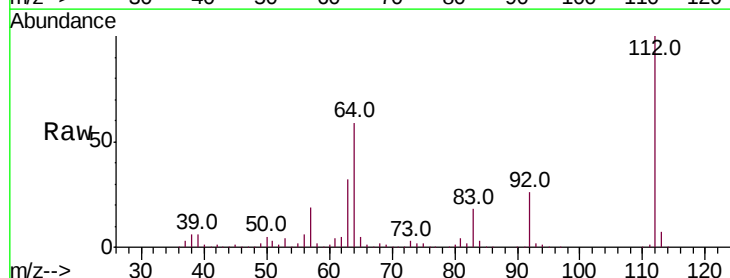
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



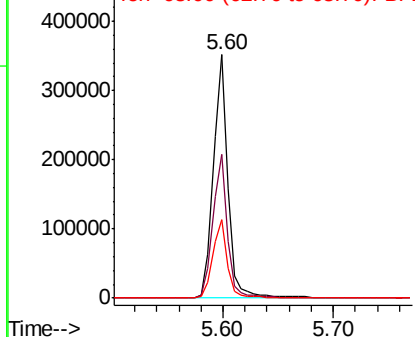
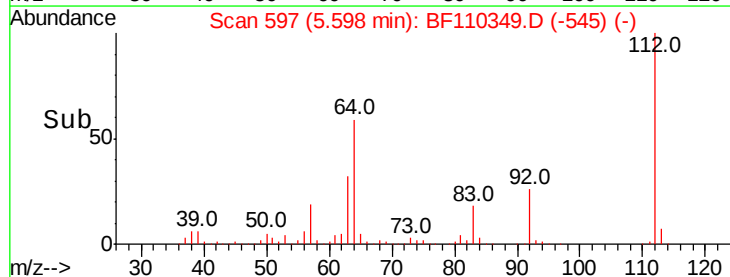
#5

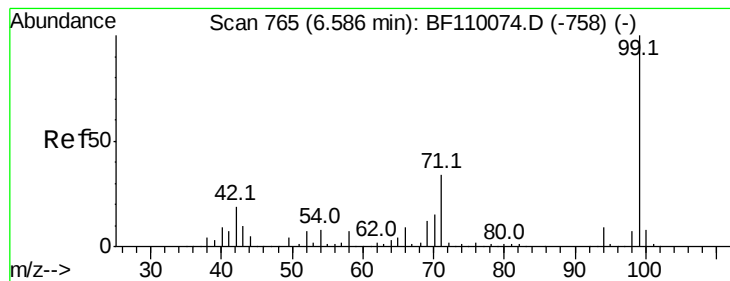
2-Fluorophenol
 Concen: 58.928 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.01 min
 Lab File: BF110349.D
 Acq: 31 Oct 2018 22:45

Tgt Ion:112 Resp: 318391
 Ion Ratio Lower Upper
 112 100
 64 59.1 44.1 66.1
 63 32.0 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: 58.501 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110349.D

Acq: 31 Oct 2018 22:45

Instrument :

BNA_F

ClientSampleId :

PB114334BL

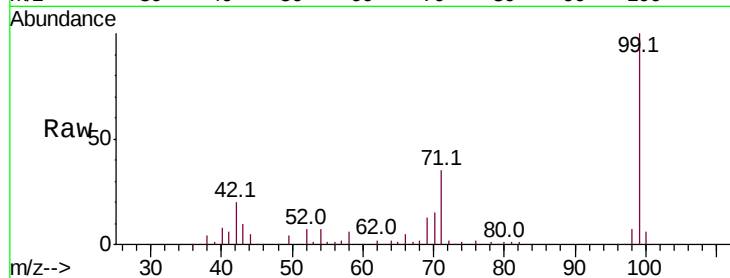
Tot Ion: 99 Resp: 404296

Ion Ratio Lower Upper

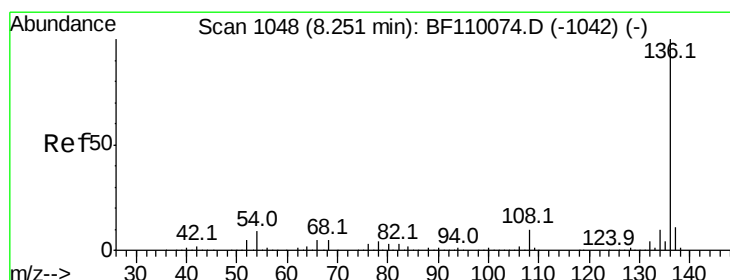
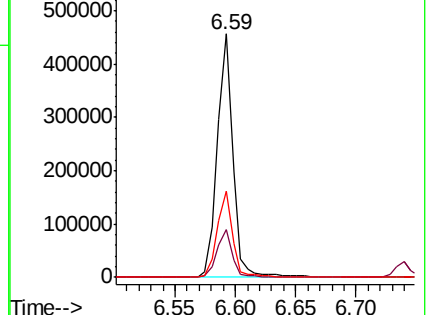
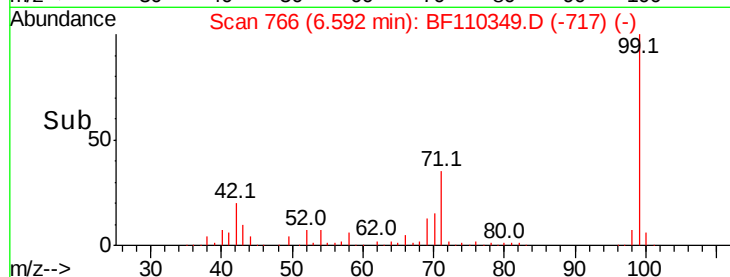
99 100

42 19.7 15.8 23.6

71 35.4 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: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF110349.D

Acq: 31 Oct 2018 22:45

Tgt Ion: 136 Resp: 361660

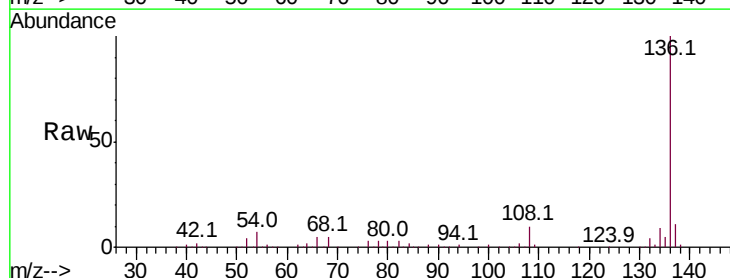
Ion Ratio Lower Upper

136 100

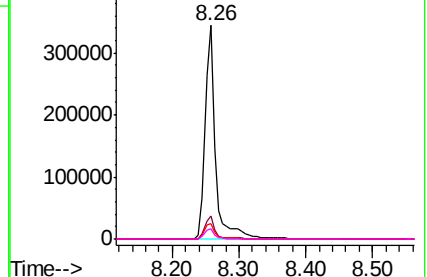
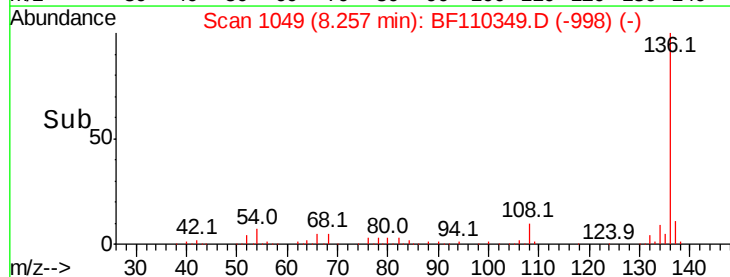
137 10.6 8.8 13.2

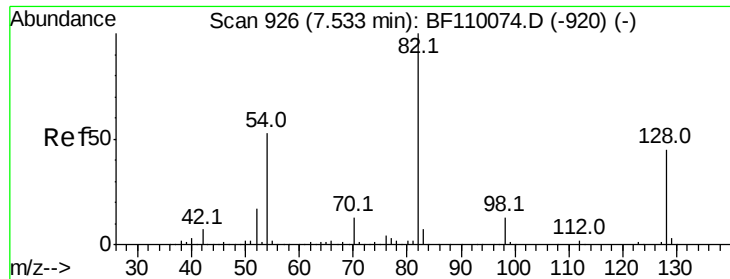
54 7.1 5.4 8.2

68 4.7 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

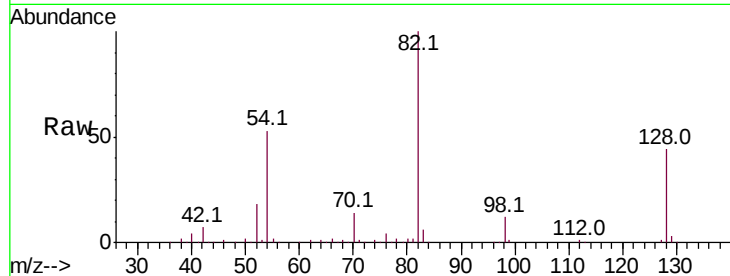




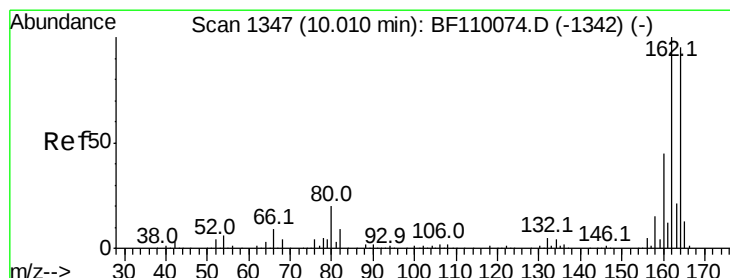
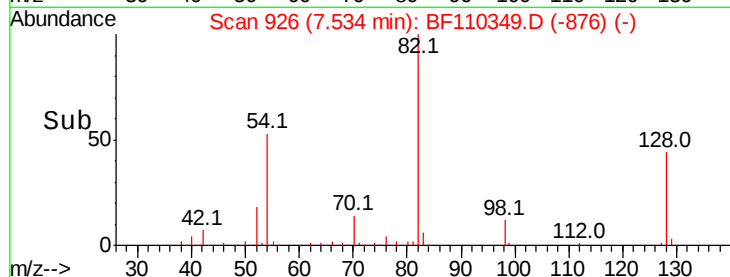
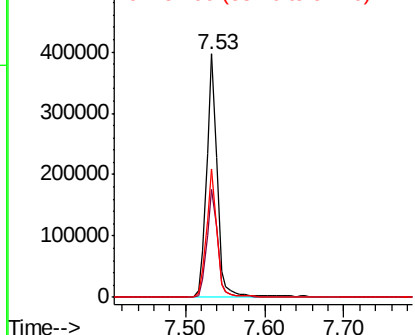
#23
Nitrobenzene-d5
Concen: 61.822 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF110349.D
Acq: 31 Oct 2018 22:45

Instrument :
BNA_F
ClientSampleId :
PB114334BL

Tot Ion	82	Resp	376955
Ion Ratio	Lower	Upper	
82	100		
128	44.3	34.2	51.2
54	52.9	38.6	58.0

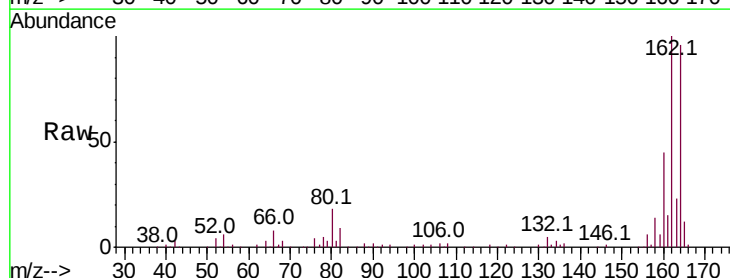


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

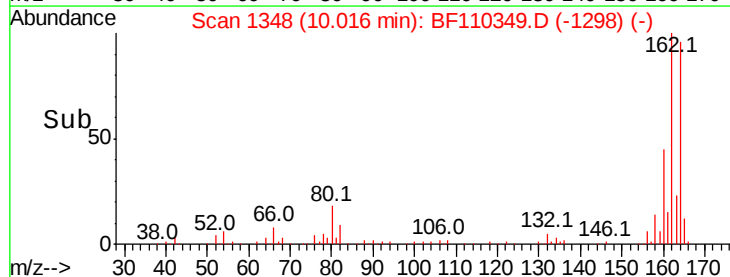
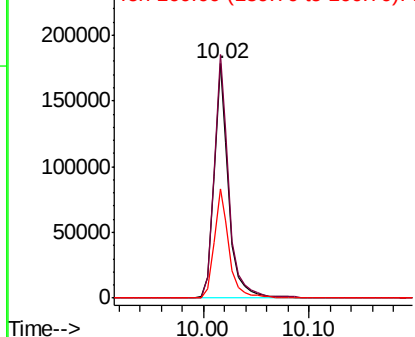


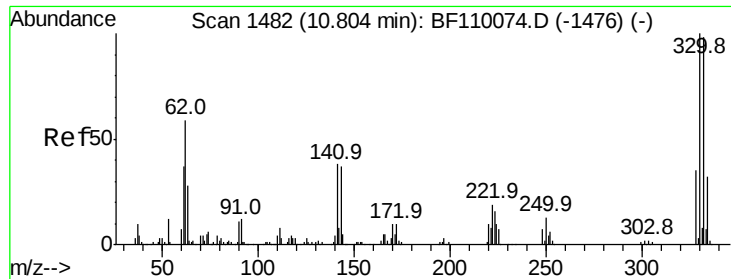
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110349.D
Acq: 31 Oct 2018 22:45

Tgt Ion	164	Resp	173407
Ion Ratio	Lower	Upper	
164	100		
162	103.9	83.0	124.6
160	46.5	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

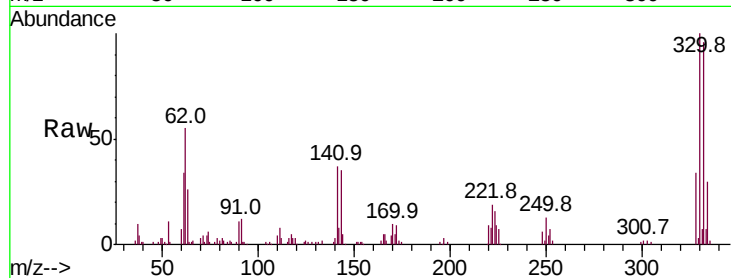




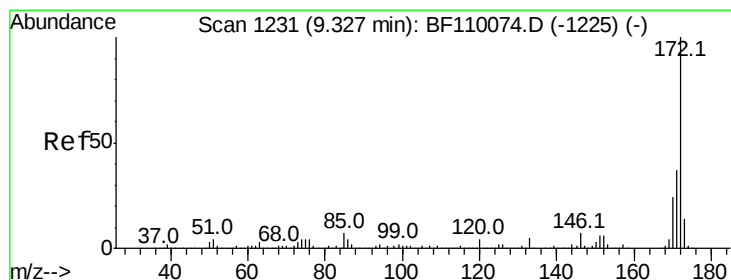
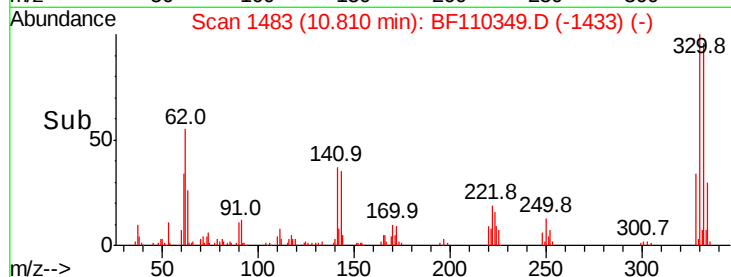
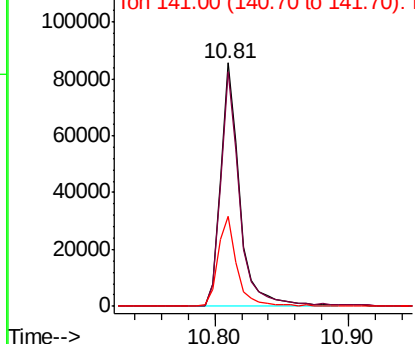
#42
 2,4,6-Tribromophenol
 Concen: 50.377 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF110349.D
 Acq: 31 Oct 2018 22:45

Instrument :
 BNA_F
 ClientSampled :
 PB114334BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	37.5	27.0	40.4

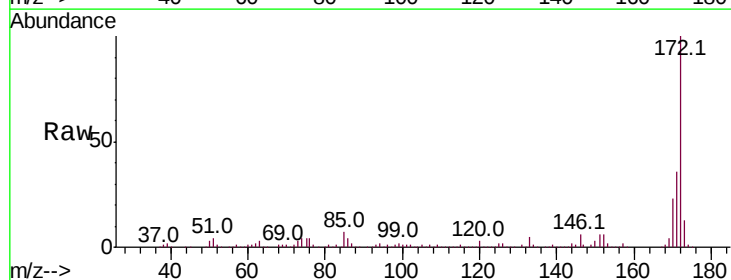


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

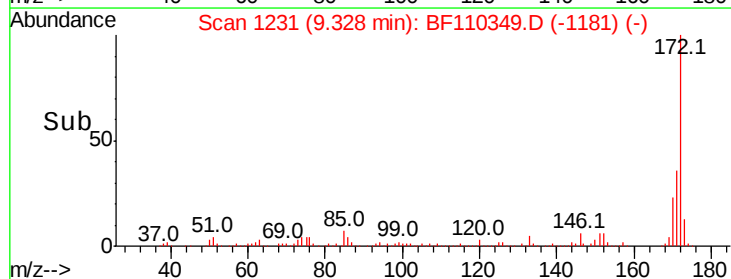
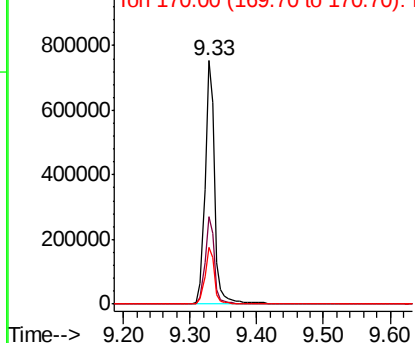


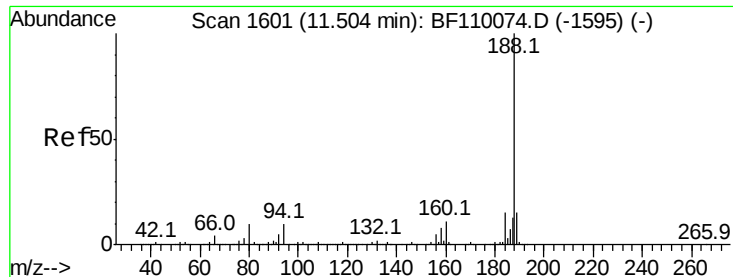
#45
 2-Fluorobiphenyl
 Concen: 66.869 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110349.D
 Acq: 31 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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

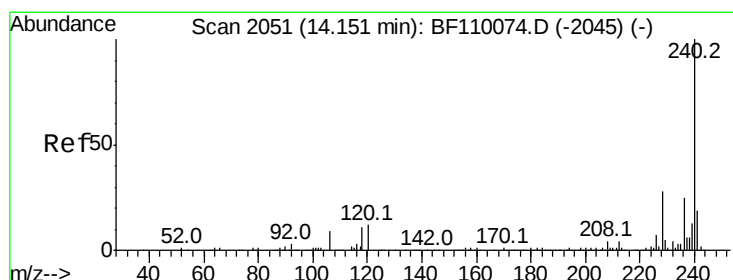
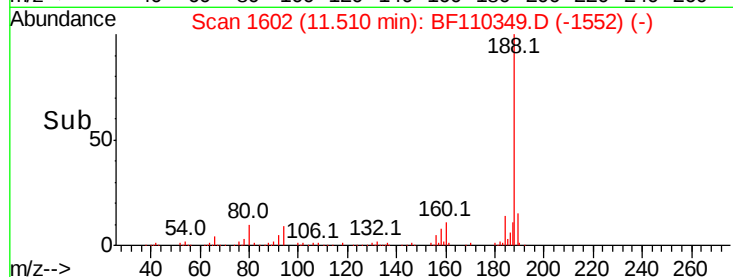
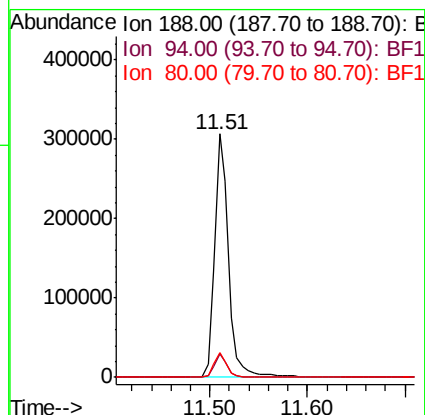
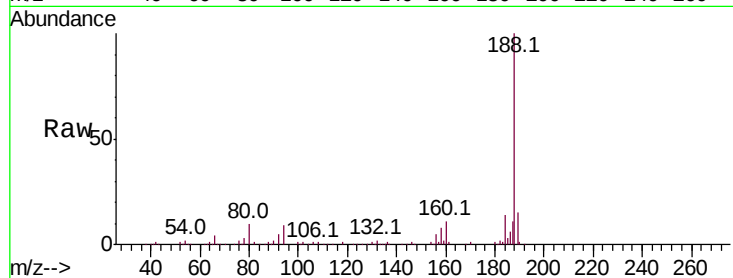




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110349.D
Acq: 31 Oct 2018 22:45

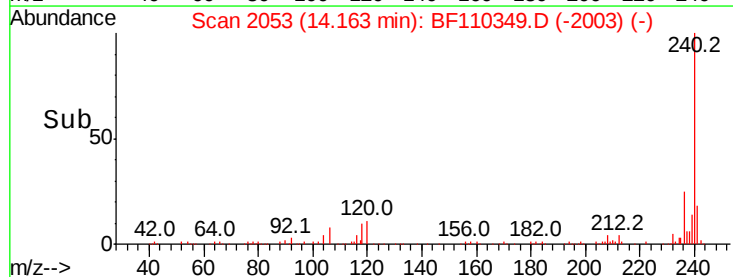
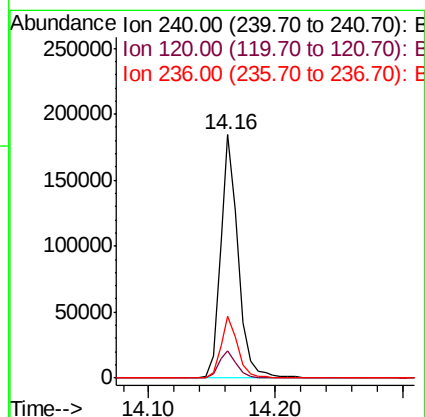
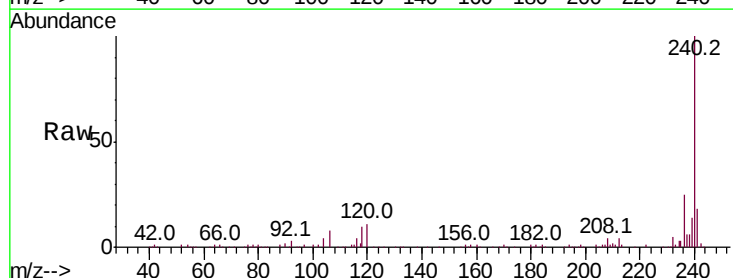
Instrument :
BNA_F
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PB114334BL

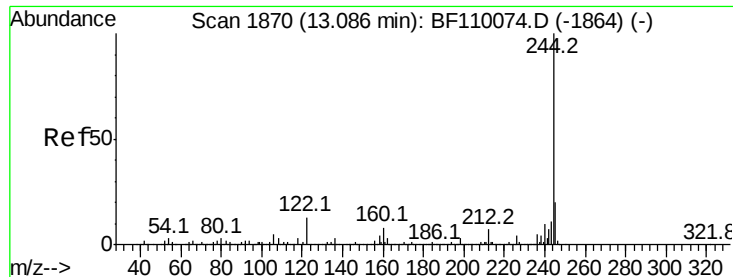
Tot Ion:188 Resp: 300898
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110349.D
Acq: 31 Oct 2018 22:45

Tgt Ion:240 Resp: 178237
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 25.3 21.2 31.8





#79

Terphenyl-d14

Concen: 70.639 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF110349.D

Acq: 31 Oct 2018 22:45

Instrument :

BNA_F

ClientSampleId :

PB114334BL

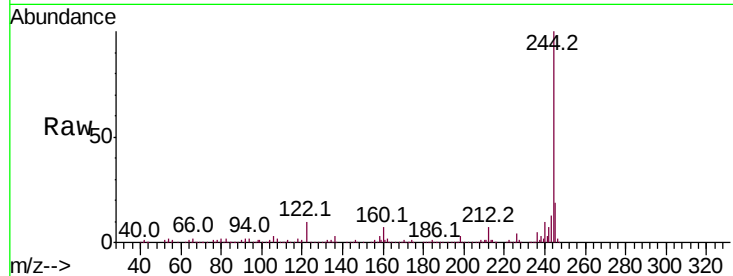
Tot Ion:244 Resp: 605400

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

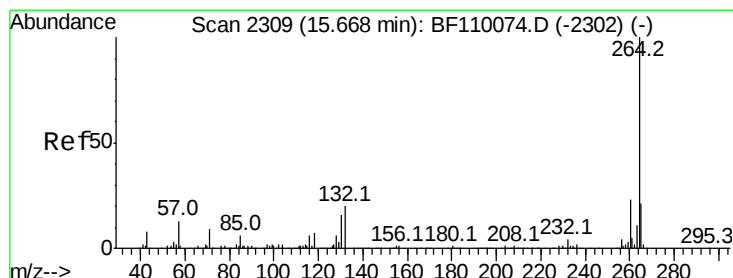
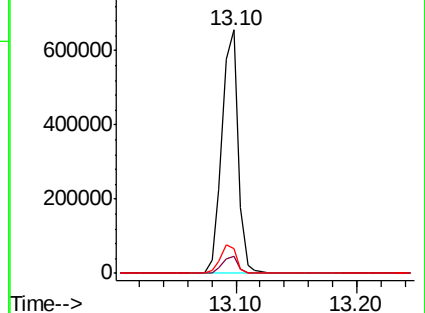
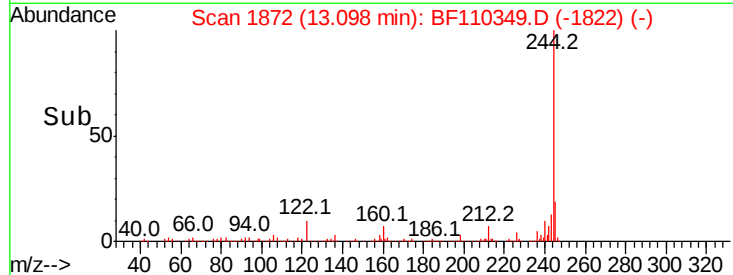
122 10.3 8.7 13.1



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: 15.70 min Scan# 2315

Delta R.T. 0.00 min

Lab File: BF110349.D

Acq: 31 Oct 2018 22:45

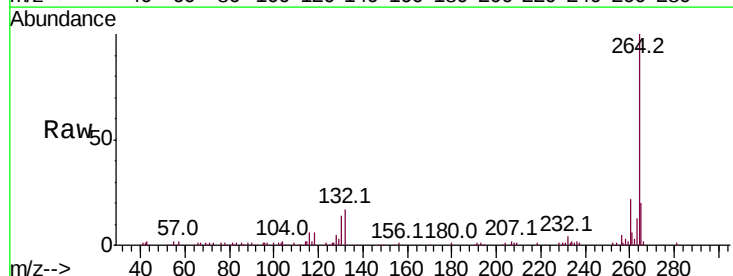
Tgt Ion:264 Resp: 142914

Ion Ratio Lower Upper

264 100

260 22.1 18.7 28.1

265 19.6 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

