

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109229.D
 Acq On : 22 Sep 2018 18:47
 Operator : JU/SJ
 Sample : J4777-11 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-0920-18-A

Quant Time: Sep 24 07:32:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

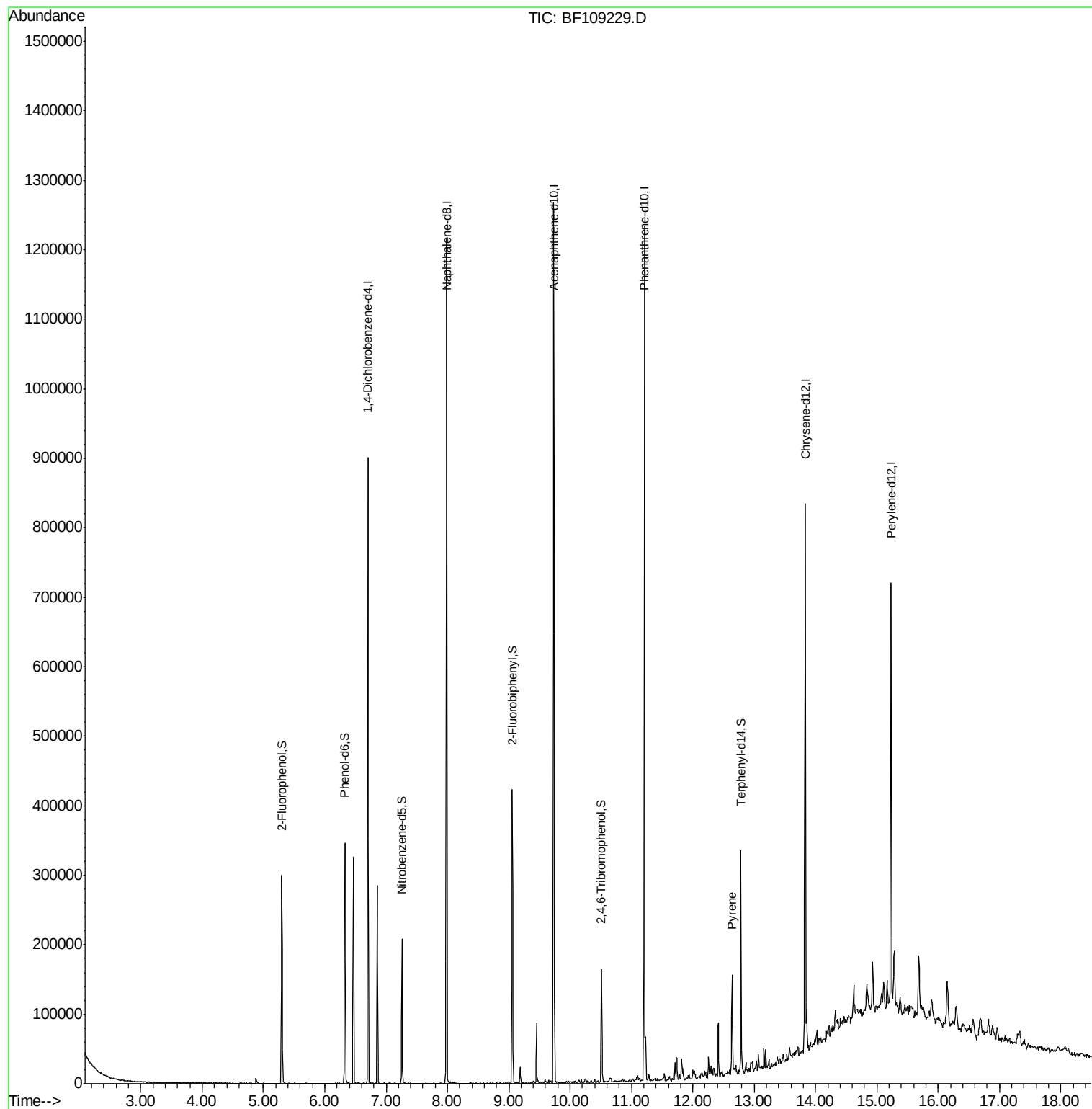
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	119523	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	477248	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	222210	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	391270	20.00	ng	0.00
75) Chrysene-d12	13.83	240	248905	20.00	ng	-0.01
86) Perylene-d12	15.23	264	262554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	75680	10.43	ng	-0.02
7) Phenol-d6	6.33	99	99368	10.73	ng	-0.03
23) Nitrobenzene-d5	7.26	82	57808	7.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	19524	8.91	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	118139	8.02	ng	-0.02
78) Terphenyl-d14	12.79	244	91067	8.98	ng	-0.02
Target Compounds						
77) Pyrene	12.64	202	51659	2.896	ng	Qvalue 99

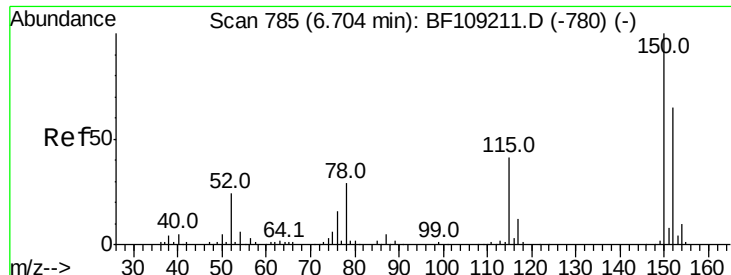
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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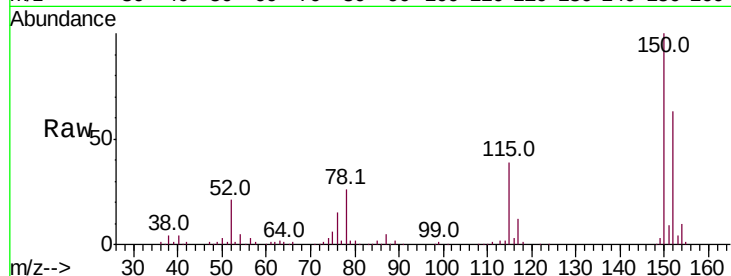


#1

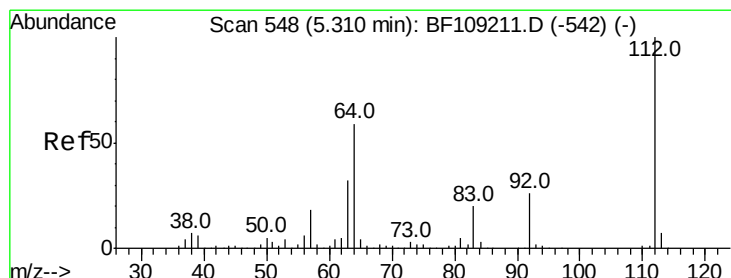
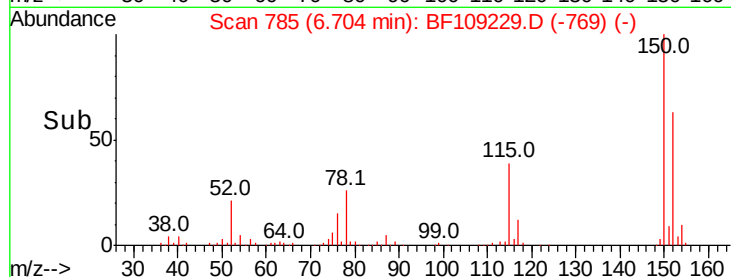
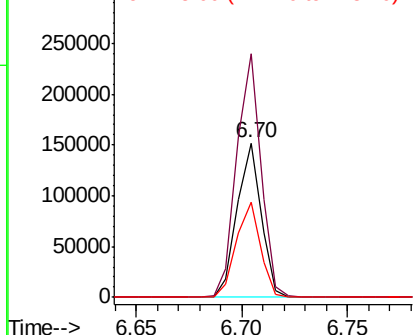
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109229.D
Acq: 22 Sep 2018 18:47

Instrument :
BNA_F
ClientSampleId :
PL-02-0920-18-A

Tot Ion:152 Resp: 119523
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 62.2 50.1 75.1



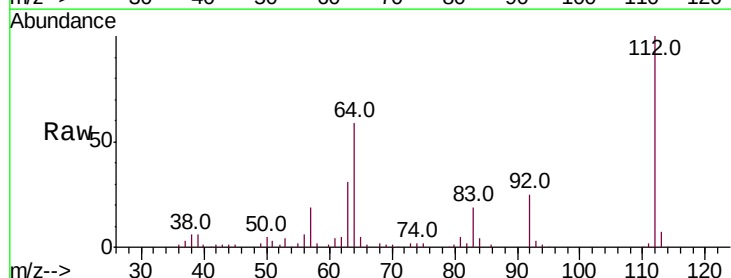
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



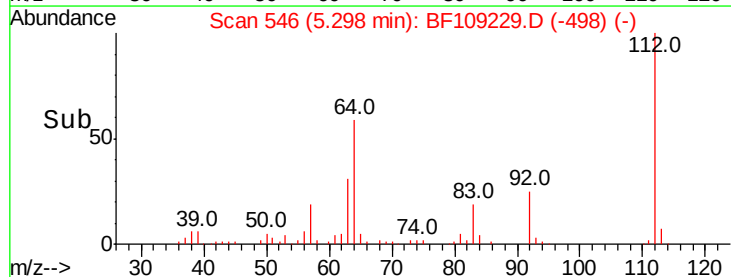
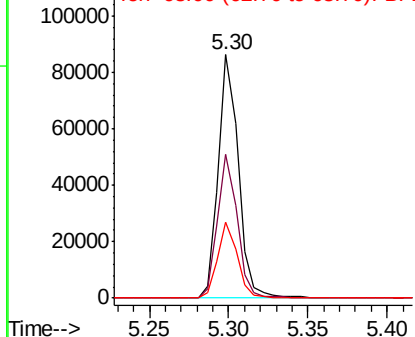
#5

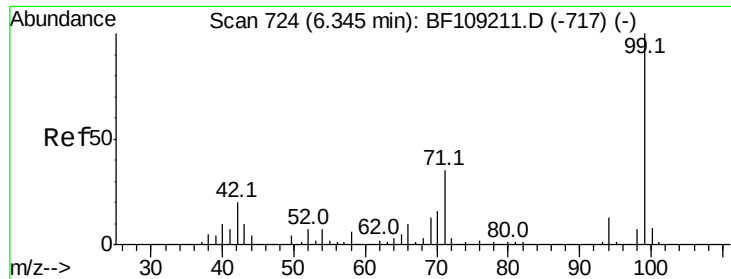
2-Fluorophenol
Concen: 10.429 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF109229.D
Acq: 22 Sep 2018 18:47

Tgt Ion:112 Resp: 75680
Ion Ratio Lower Upper
112 100
64 59.0 47.9 71.9
63 31.4 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: 10.731 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF109229.D

Acq: 22 Sep 2018 18:47

Instrument :

BNA_F

ClientSampleId :

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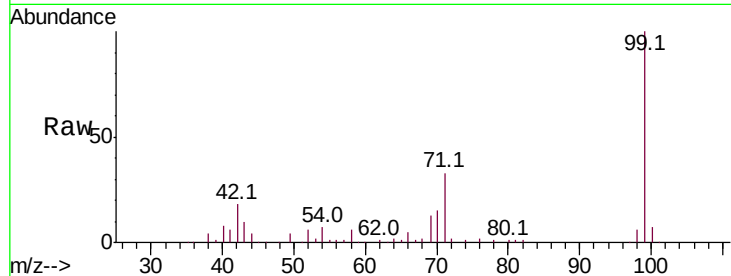
Tot Ion: 99 Resp: 99368

Ion Ratio Lower Upper

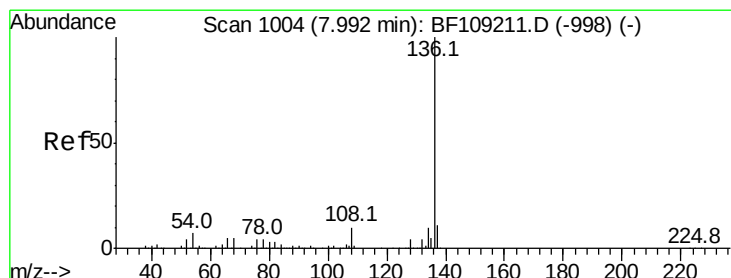
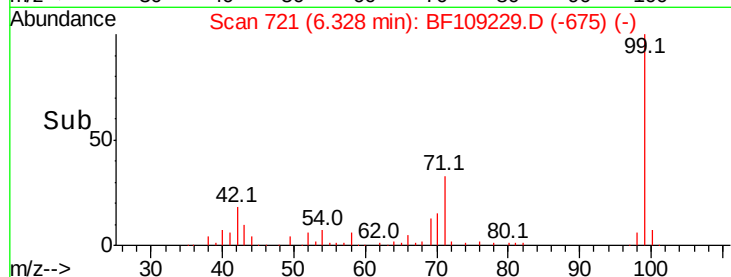
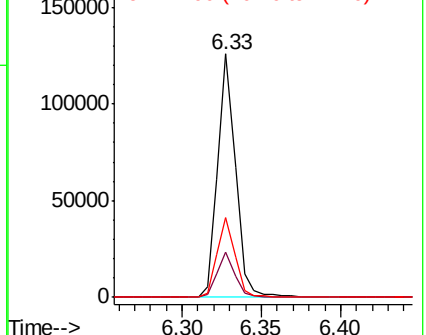
99 100

42 18.3 14.5 21.7

71 32.9 25.4 38.0



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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109229.D

Acq: 22 Sep 2018 18:47

Tgt Ion: 136 Resp: 477248

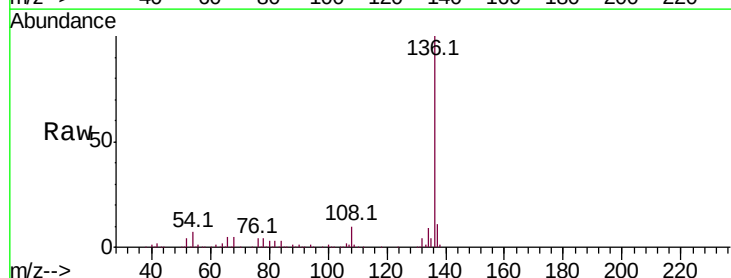
Ion Ratio Lower Upper

136 100

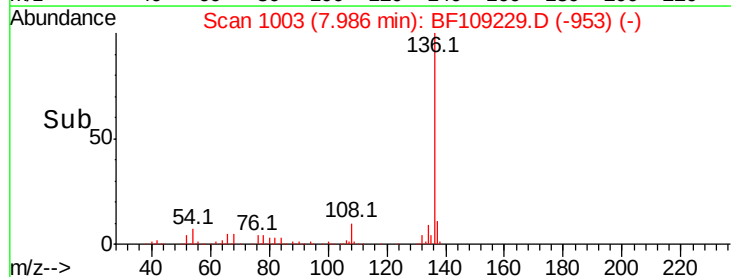
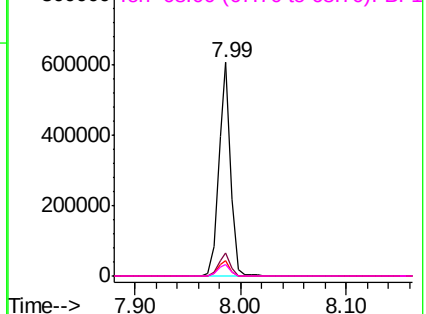
137 11.0 8.9 13.3

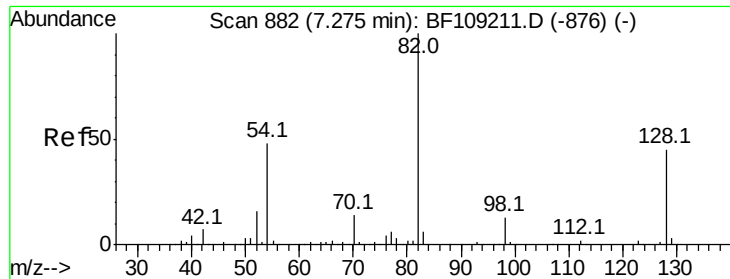
54 7.0 6.6 9.8

68 5.5 5.0 7.4



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

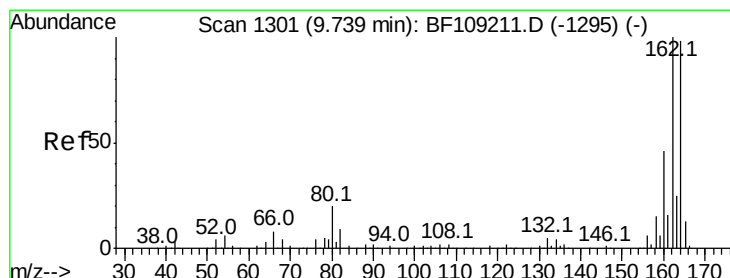
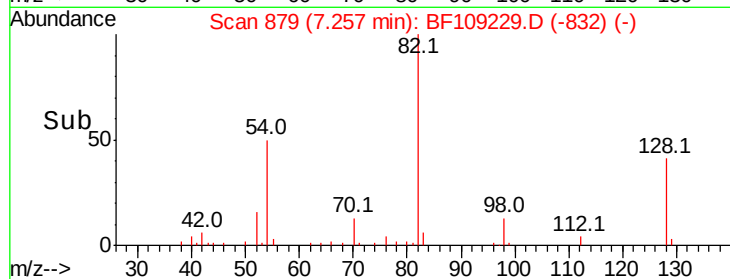
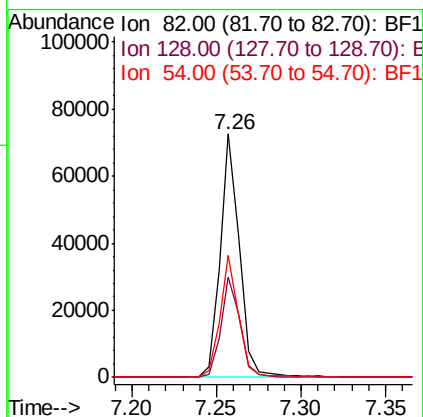
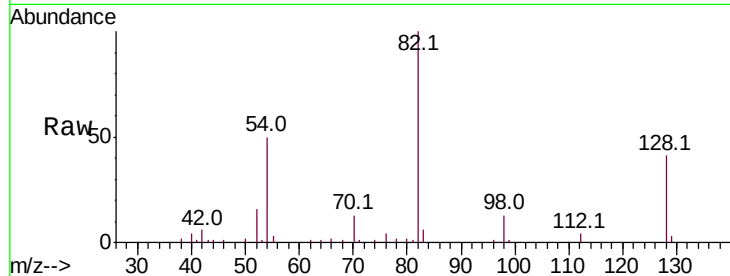




#23
 Nitrobenzene-d5
 Concen: 7.150 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF109229.D
 Acq: 22 Sep 2018 18:47

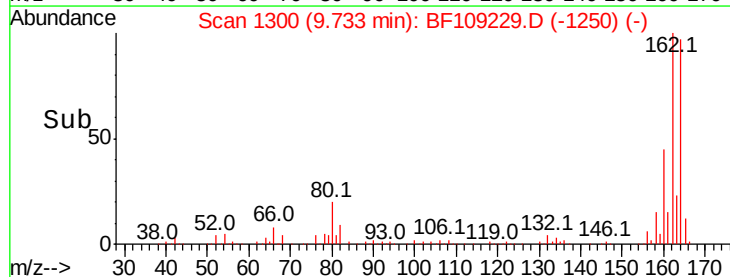
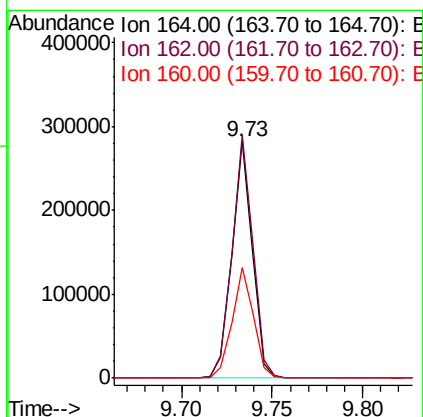
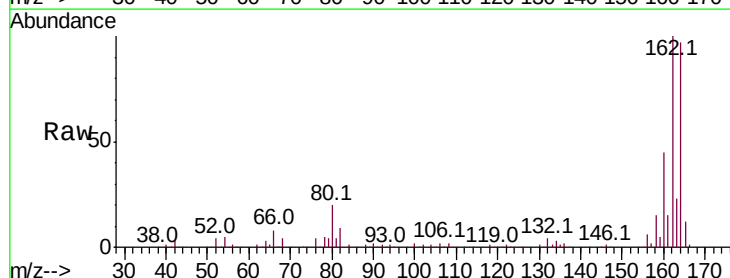
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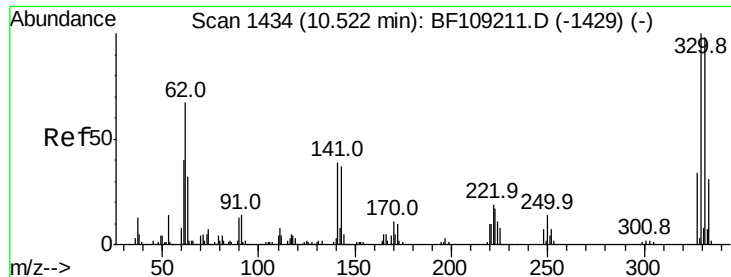
Tot Ion	82	Resp	57808
Ion Ratio	Lower	Upper	
82	100		
128	41.1	36.1	54.1
54	50.3	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109229.D
 Acq: 22 Sep 2018 18:47

Tgt Ion	164	Resp	222210
Ion Ratio	Lower	Upper	
164	100		
162	102.9	86.1	129.1
160	46.5	38.3	57.5

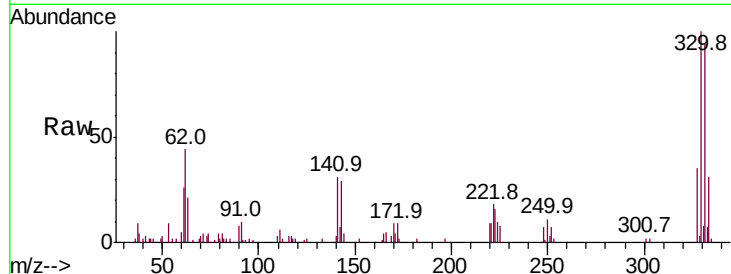




#41
 2,4,6-Tribromophenol
 Concen: 8.913 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109229.D
 Acq: 22 Sep 2018 18:47

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-0920-18-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	35.7	29.9	44.9

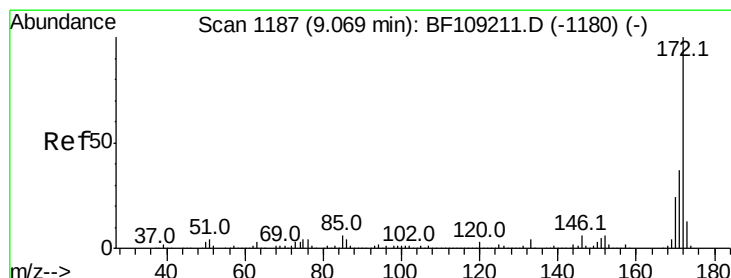
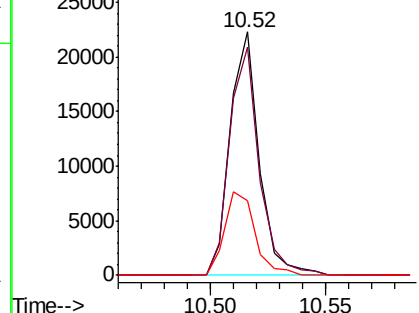
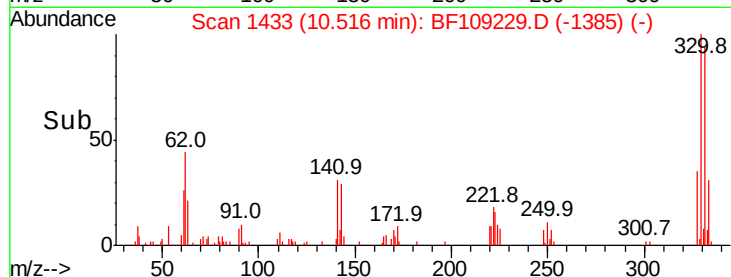


Abundance

Ion 329.80 (329.50 to 330.50): E

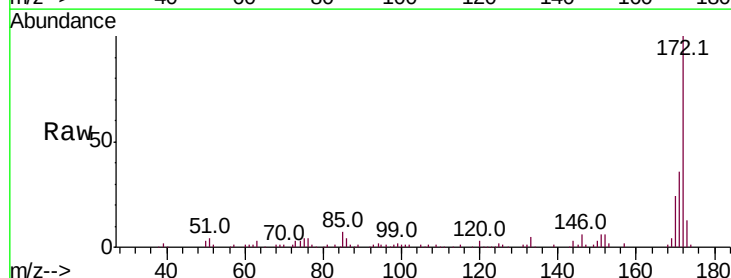
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 8.018 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109229.D
 Acq: 22 Sep 2018 18:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4

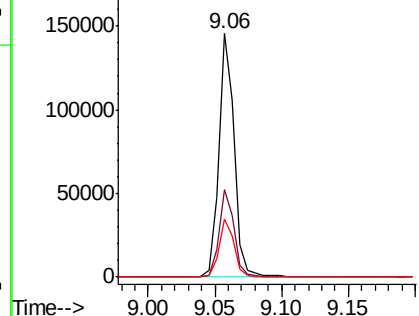
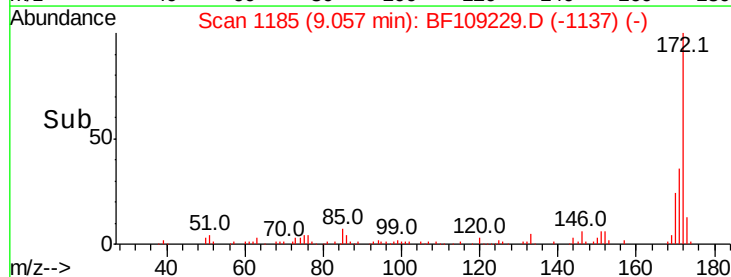


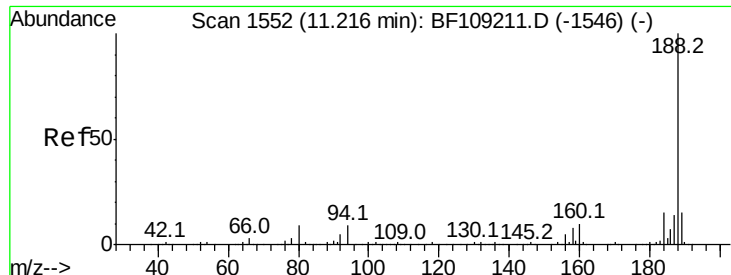
Abundance

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

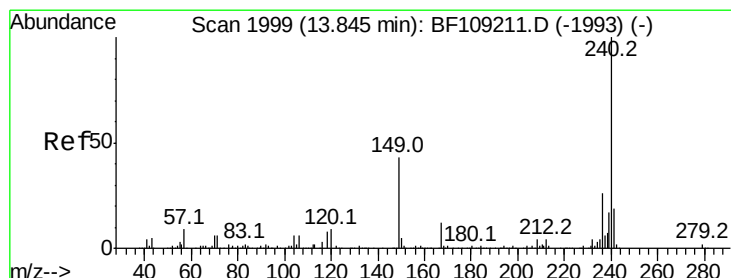
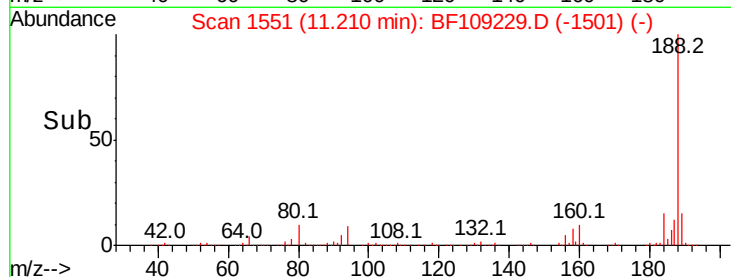
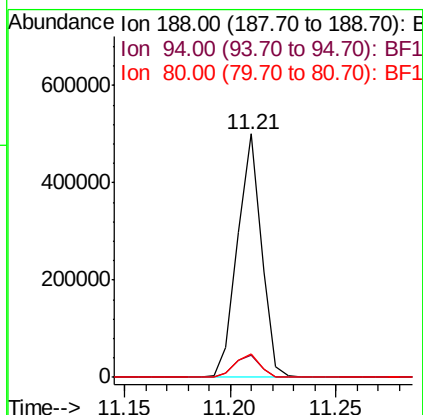
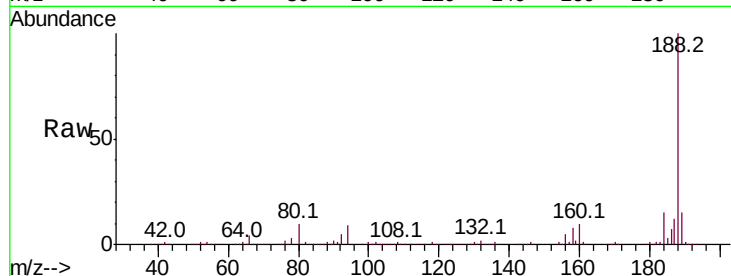




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109229.D
Acq: 22 Sep 2018 18:47

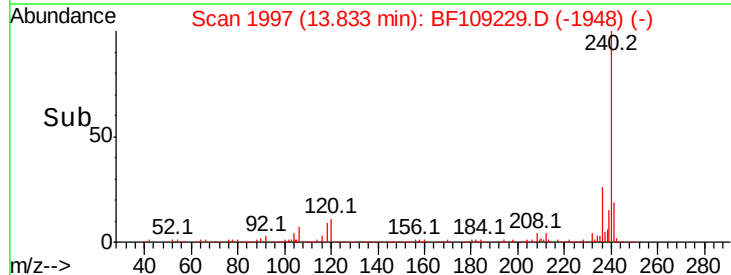
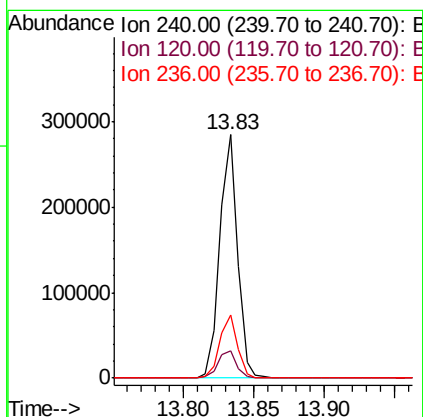
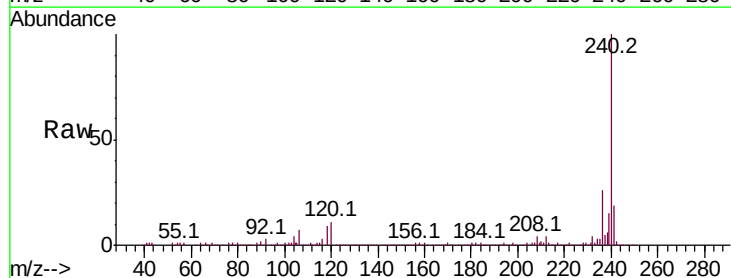
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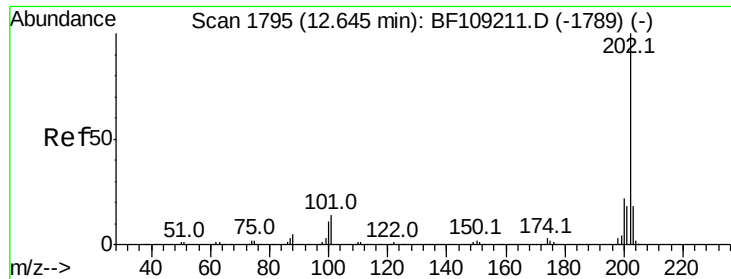
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.6	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109229.D
Acq: 22 Sep 2018 18:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	26.1	20.7	31.1

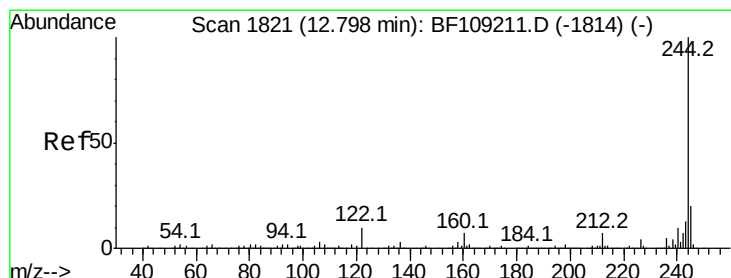
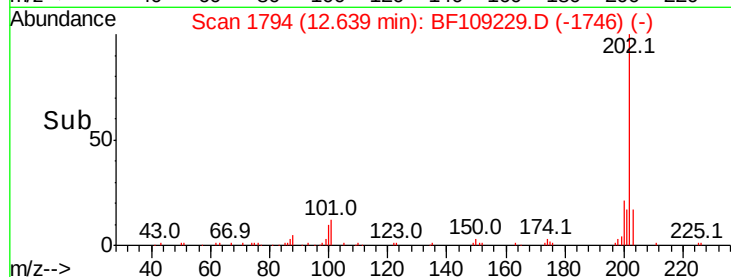
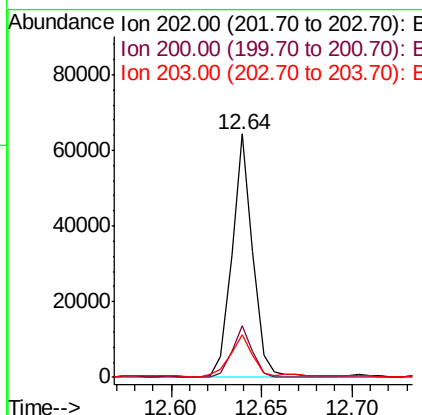
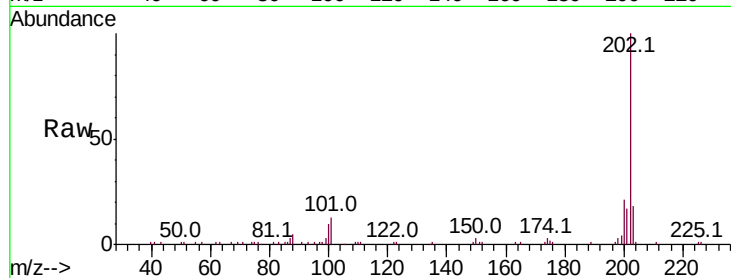




#77
Pvrene
Concen: 2.896 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BF109229.D
Acq: 22 Sep 2018 18:47

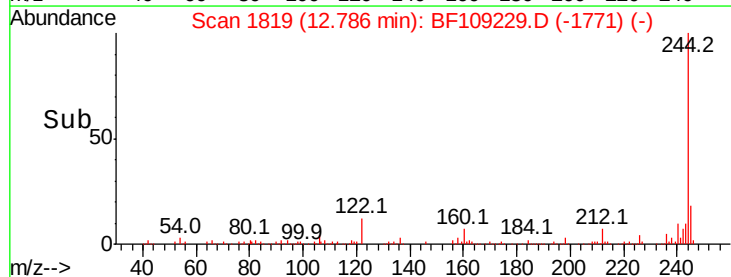
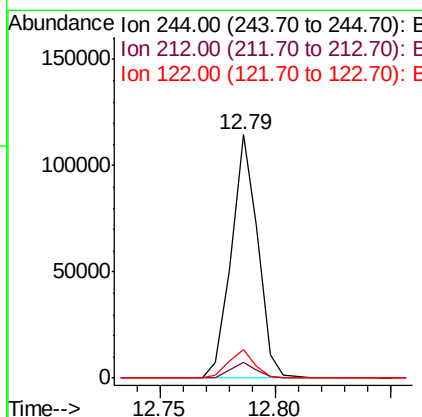
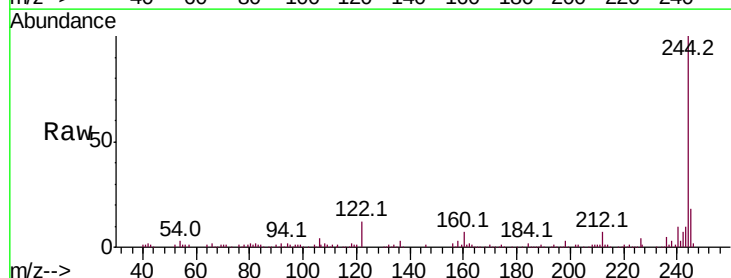
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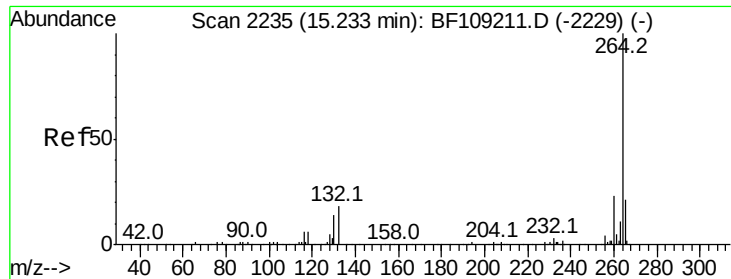
Tot Ion:202 Resp: 51659
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 17.5 14.3 21.5



#78
Terphenyl-d14
Concen: 8.979 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF109229.D
Acq: 22 Sep 2018 18:47

Tgt Ion:244 Resp: 91067
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 11.9 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF109229.D
Acq: 22 Sep 2018 18:47

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	17.5	26.3

