

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109373.D
 Acq On : 27 Sep 2018 8:00
 Operator : JU/SJ
 Sample : J5051-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092118-TIPC-F-U-B

Quant Time: Sep 27 11:32:53 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

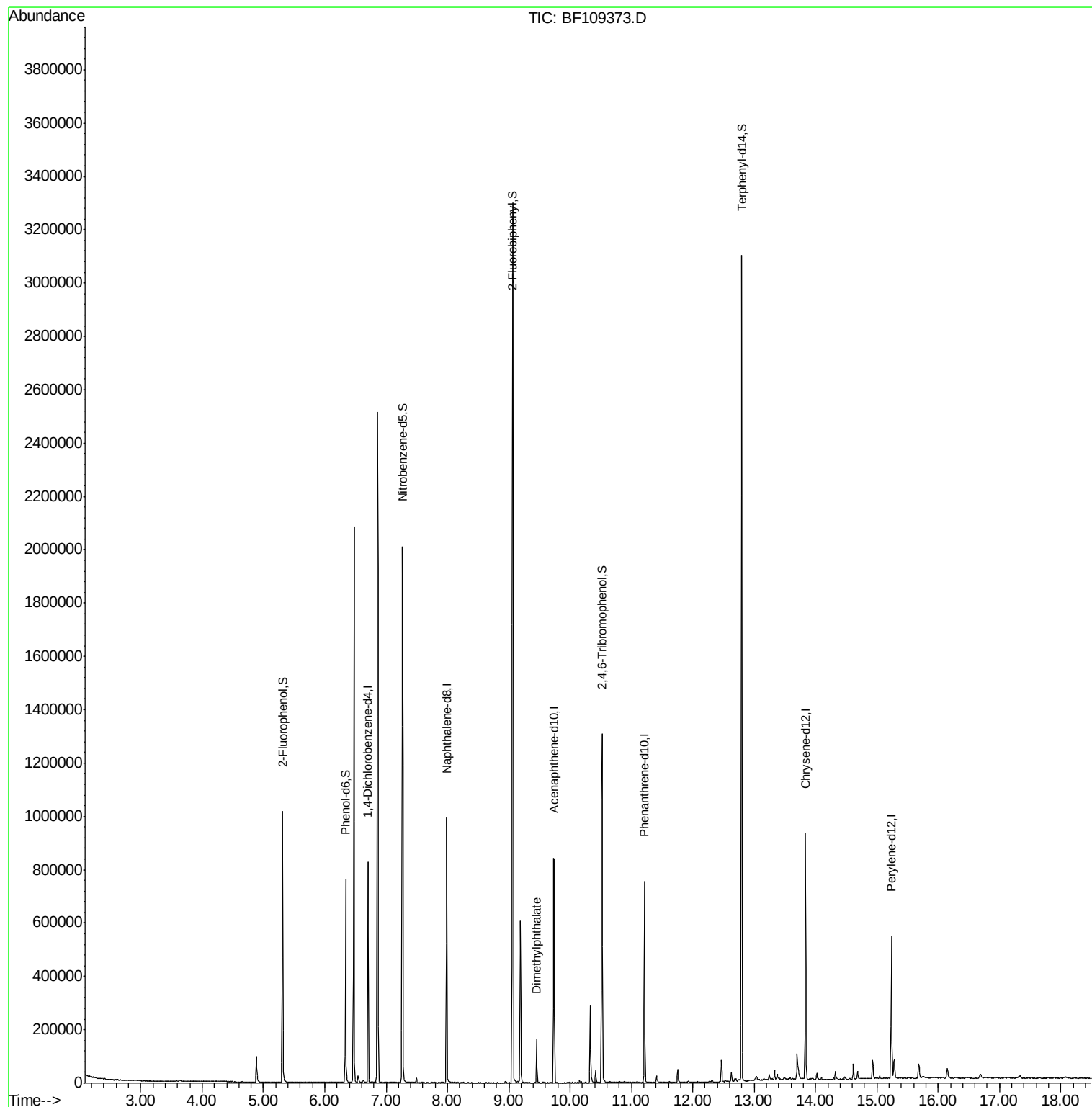
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	111778	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	408818	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	171445	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	292748	20.00	ng	0.00
75) Chrysene-d12	13.84	240	296098	20.00	ng	0.00
86) Perylene-d12	15.24	264	244251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	279209	41.14	ng	0.00
7) Phenol-d6	6.34	99	221687	25.60	ng	-0.02
23) Nitrobenzene-d5	7.27	82	682958	98.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	156047	92.33	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1101528	96.90	ng	-0.01
78) Terphenyl-d14	12.80	244	1077667	89.32	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	64495	5.172	ng	99

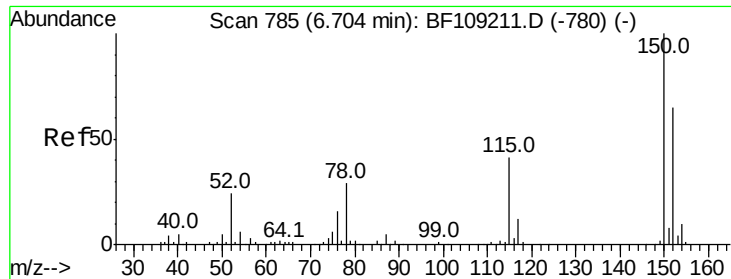
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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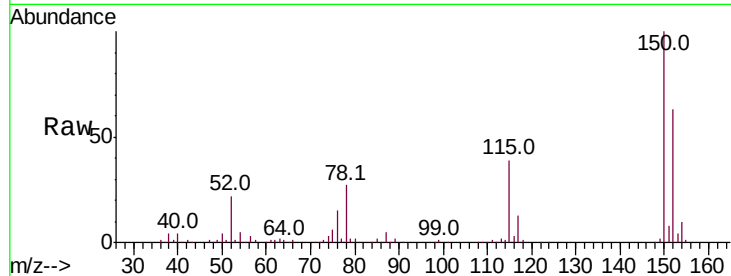


#1

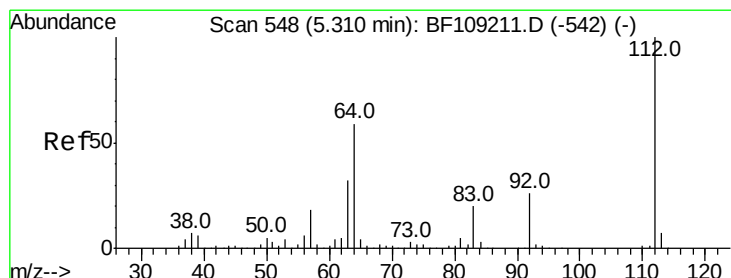
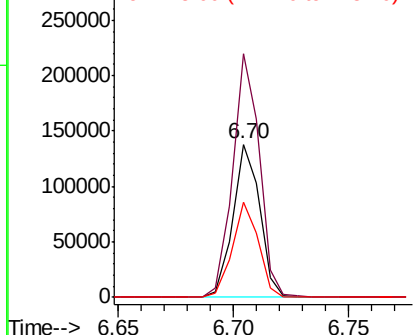
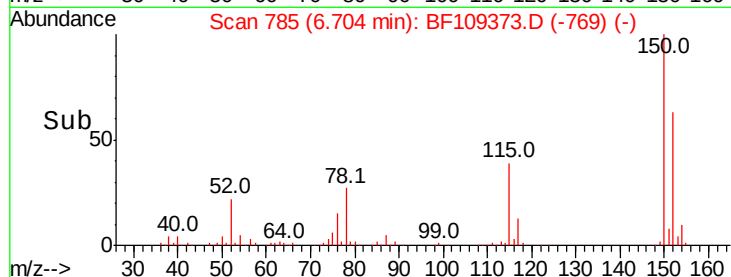
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

Instrument :
BNA_F
ClientSampleId :
092118-TIPC-F-U-B

Tot Ion:152 Resp: 111778
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 62.4 50.1 75.1



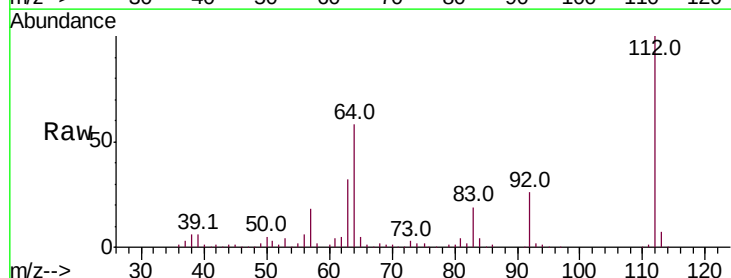
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



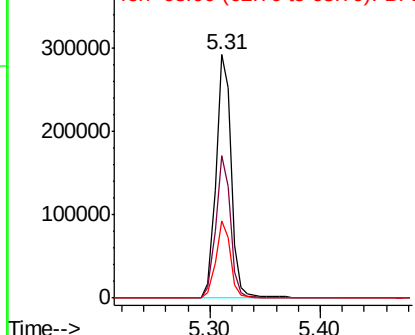
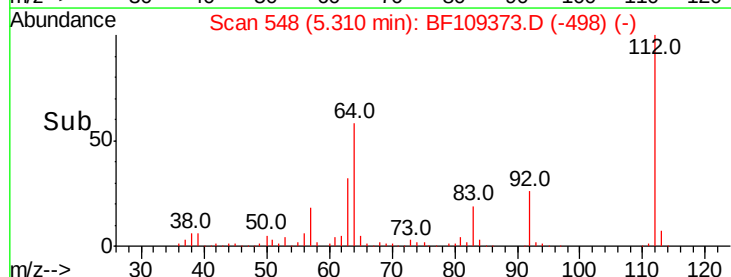
#5

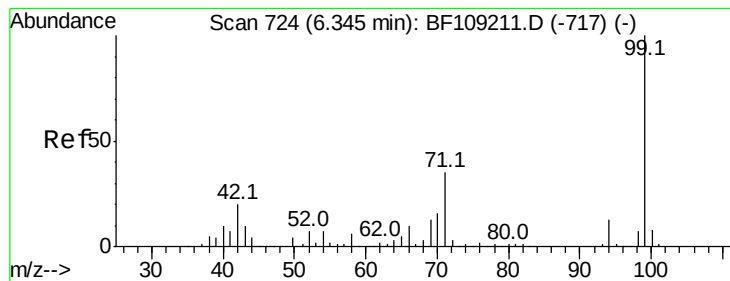
2-Fluorophenol
Concen: 41.142 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

Tgt Ion:112 Resp: 279209
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 31.8 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: 25.600 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109373.D

Acq: 27 Sep 2018 8:00

Instrument :

BNA_F

ClientSampleId :

092118-TIPC-F-U-B

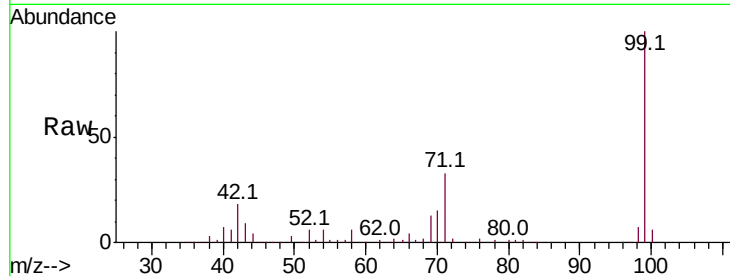
Tot Ion: 99 Resp: 221687

Ion Ratio Lower Upper

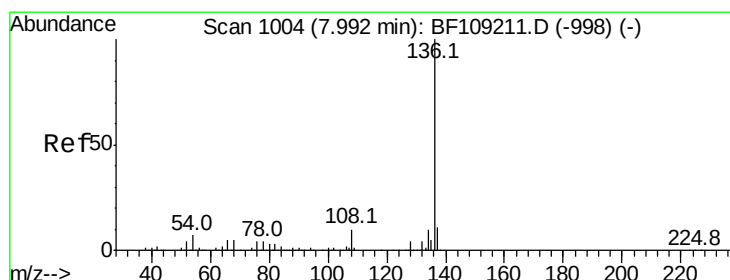
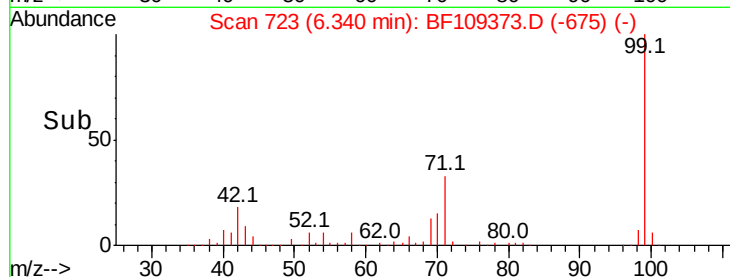
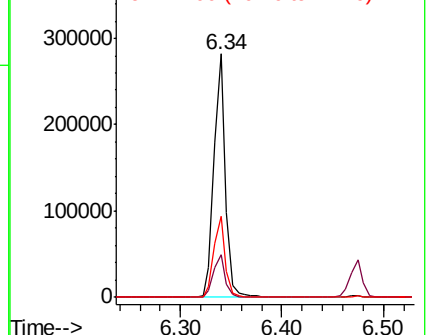
99 100

42 17.7 14.5 21.7

71 33.4 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: BF109373.D

Acq: 27 Sep 2018 8:00

Tgt Ion: 136 Resp: 408818

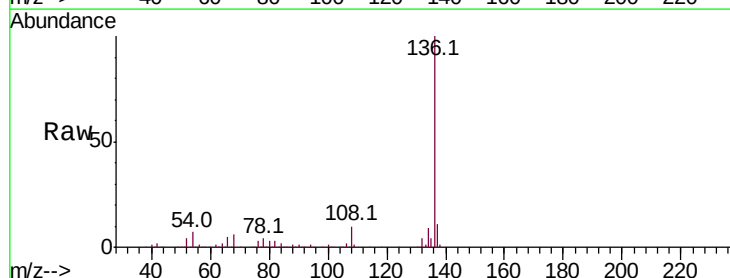
Ion Ratio Lower Upper

136 100

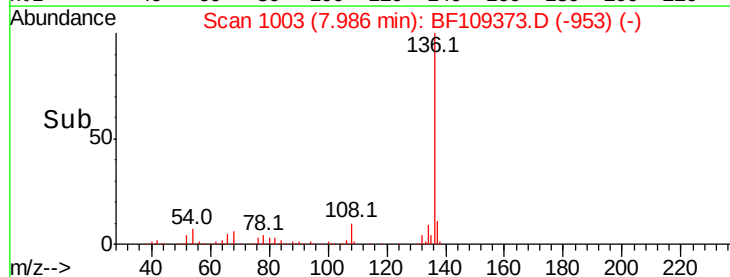
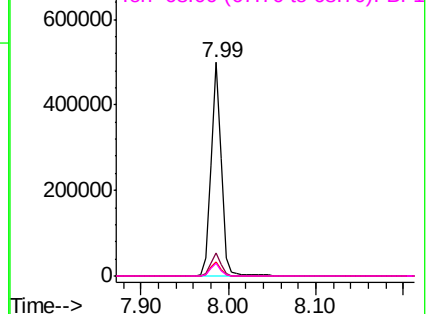
137 11.0 8.9 13.3

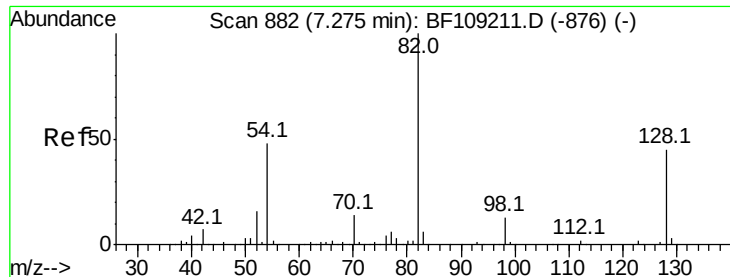
54 6.9 6.6 9.8

68 5.8 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

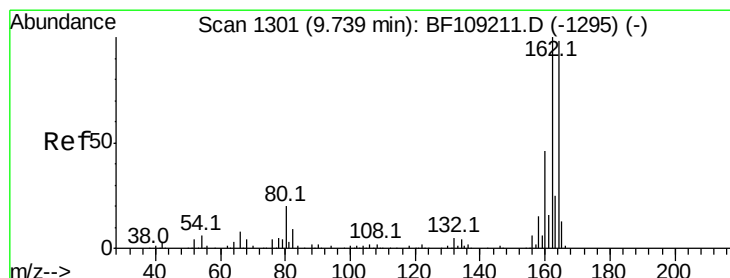
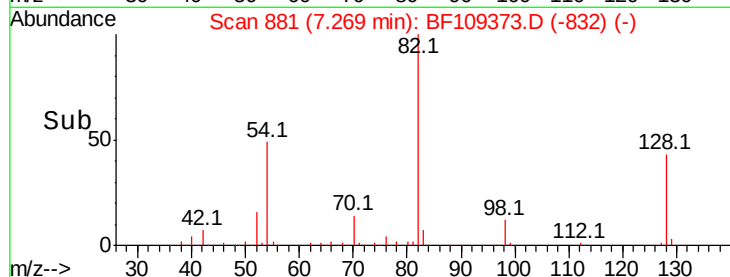
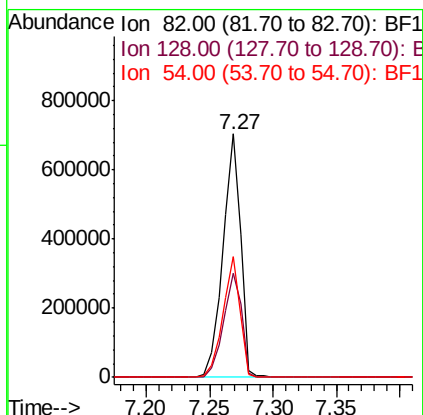
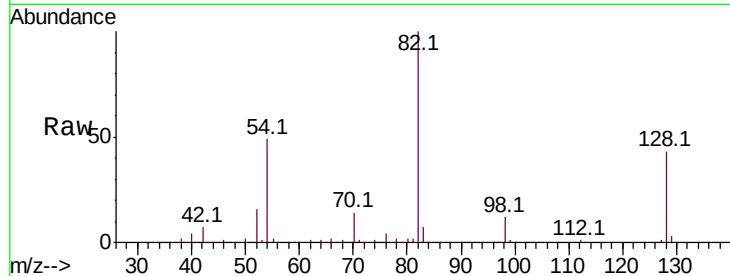




#23
 Nitrobenzene-d5
 Concen: 98.616 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109373.D
 Acq: 27 Sep 2018 8:00

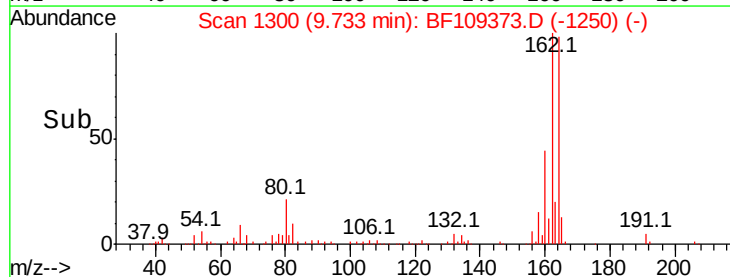
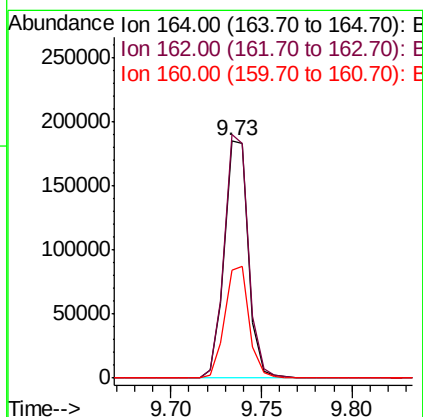
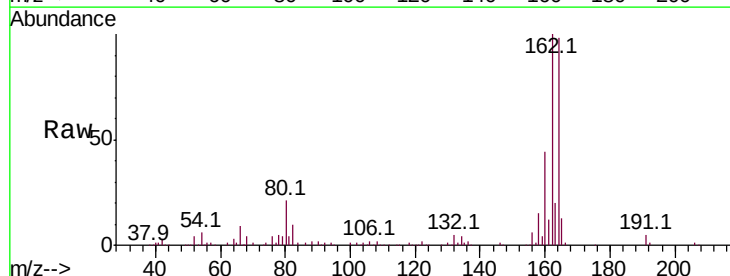
Instrument :
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 092118-TIPC-F-U-B

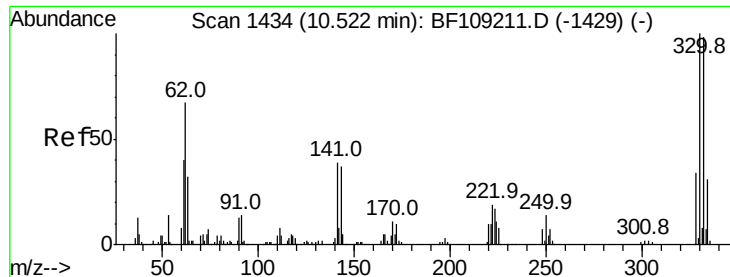
Tot Ion	82	Resp	682958
Ion Ratio	Lower	Upper	
82	100		
128	42.5	36.1	54.1
54	49.4	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109373.D
 Acq: 27 Sep 2018 8:00

Tgt Ion	164	Resp	171445
Ion Ratio	Lower	Upper	
164	100		
162	102.5	86.1	129.1
160	45.4	38.3	57.5

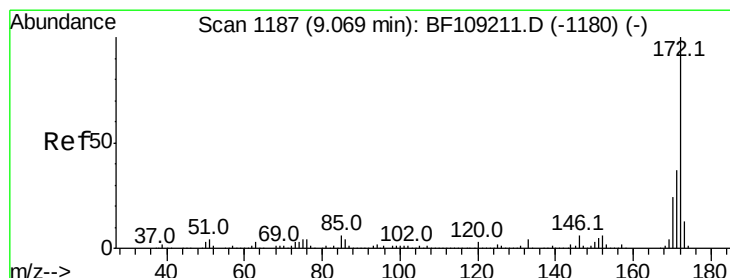
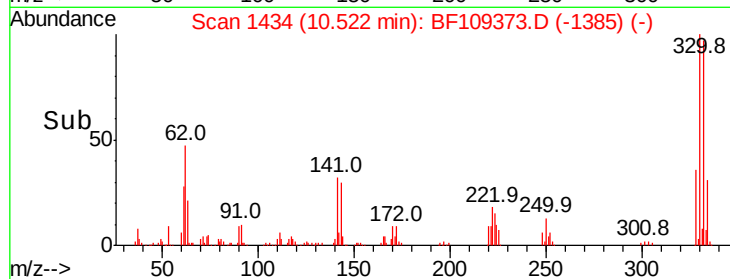
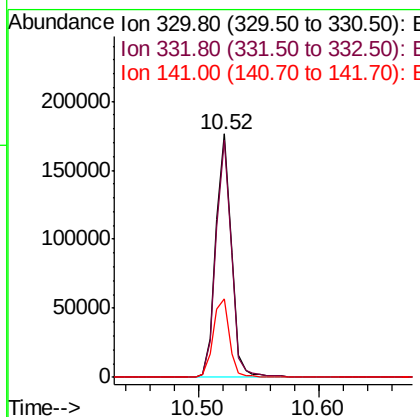
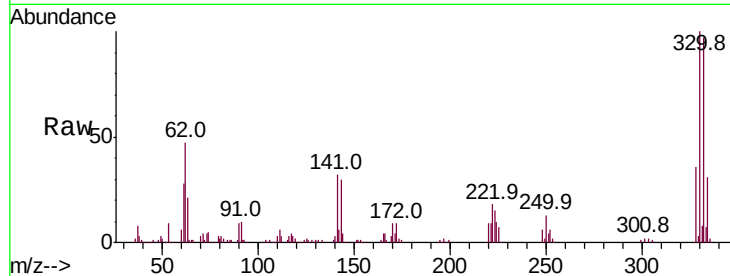




#41
 2,4,6-Tribromophenol
 Concen: 92.331 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109373.D
 Acq: 27 Sep 2018 8:00

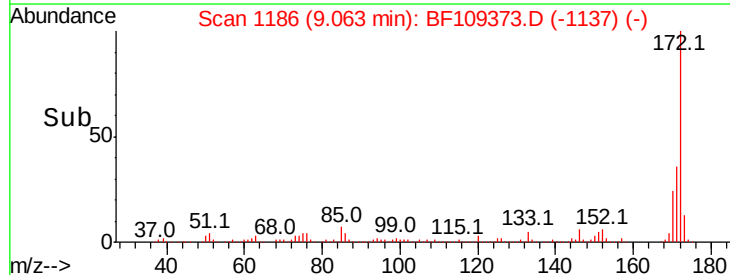
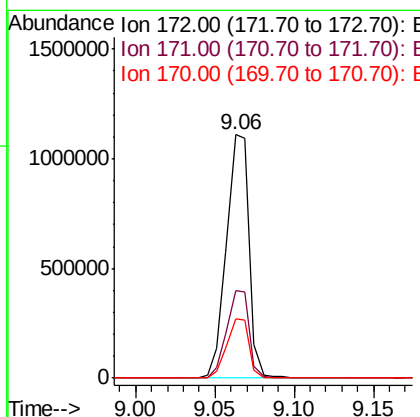
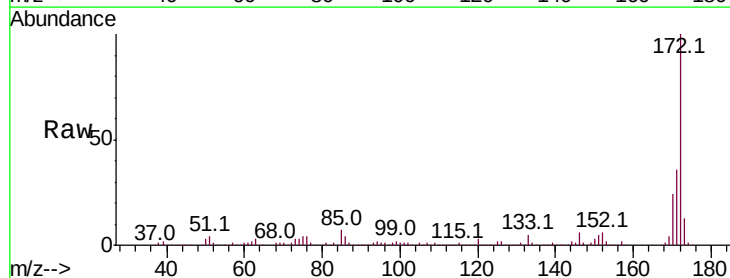
Instrument :
 BNA_F
 ClientSampleId :
 092118-TIPC-F-U-B

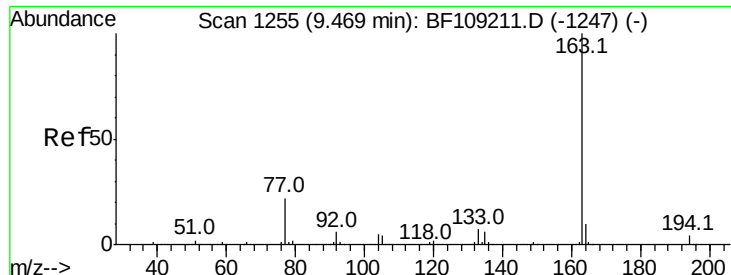
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 96.901 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109373.D
 Acq: 27 Sep 2018 8:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.5	19.6	29.4

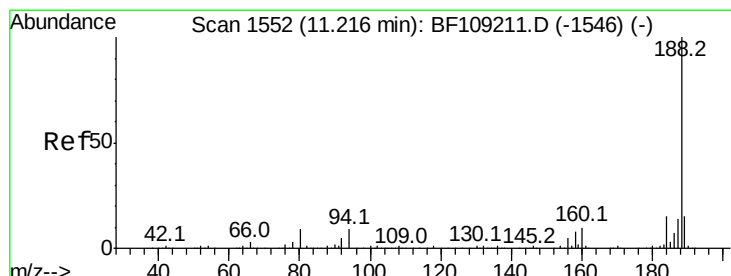
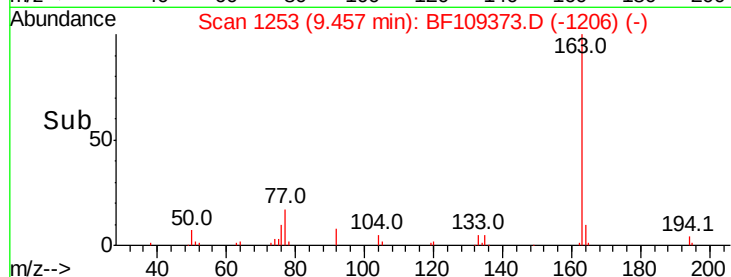
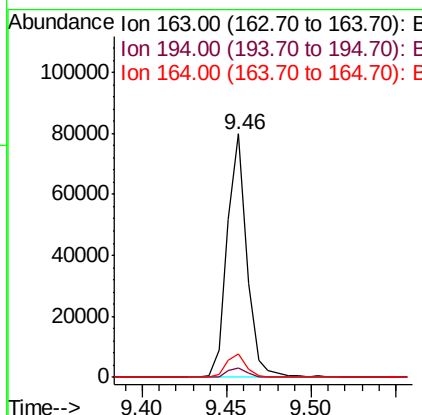
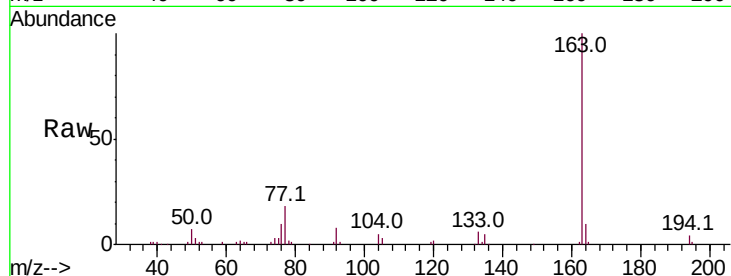




#49
Dimethylphthalate
Concen: 5.172 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

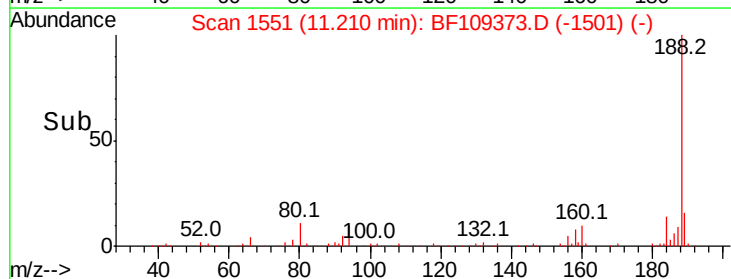
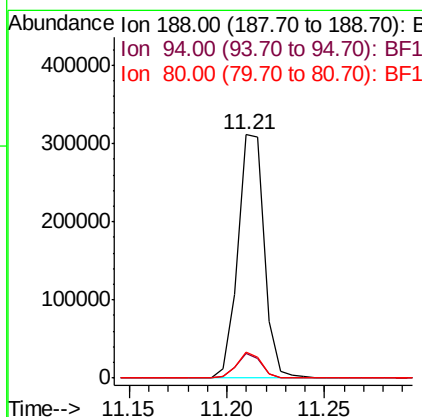
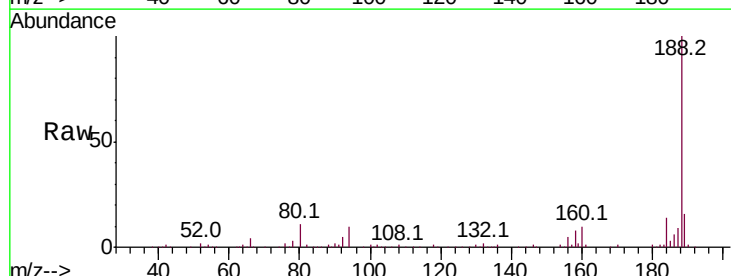
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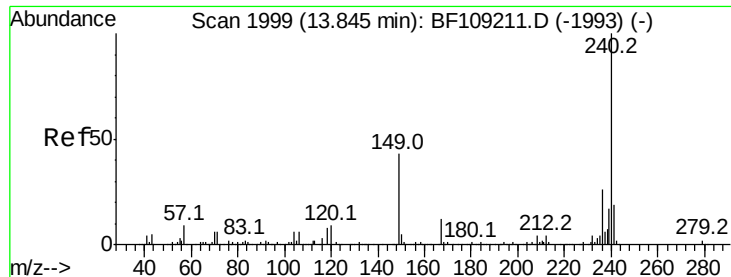
Tot Ion:163 Resp: 64495
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.7 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109373.D
Acq: 27 Sep 2018 8:00

Tgt Ion:188 Resp: 292748
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.6 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109373.D

Acq: 27 Sep 2018 8:00

Instrument :

BNA_F

ClientSampleId :

092118-TIPC-F-U-B

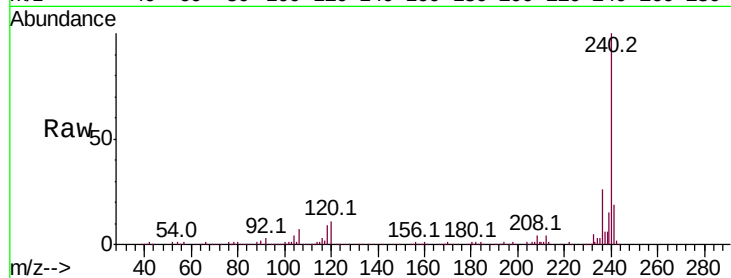
Tot Ion:240 Resp: 296098

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

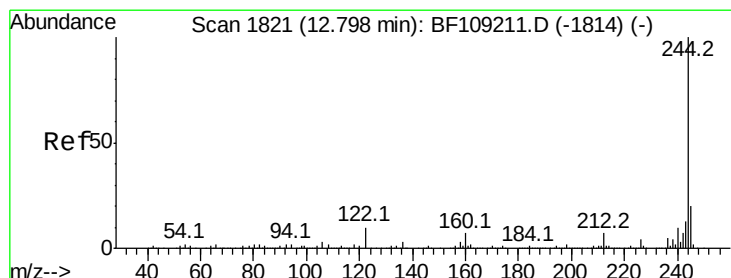
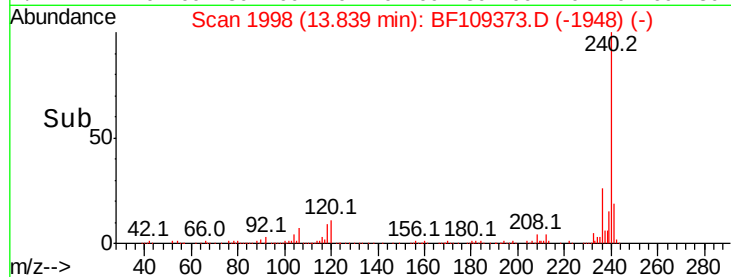
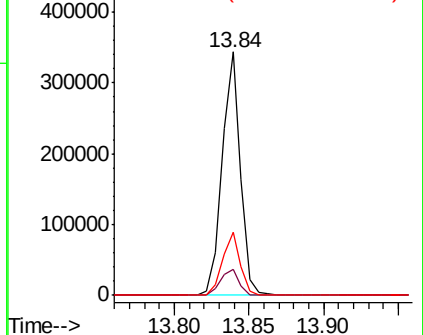
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 89.321 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109373.D

Acq: 27 Sep 2018 8:00

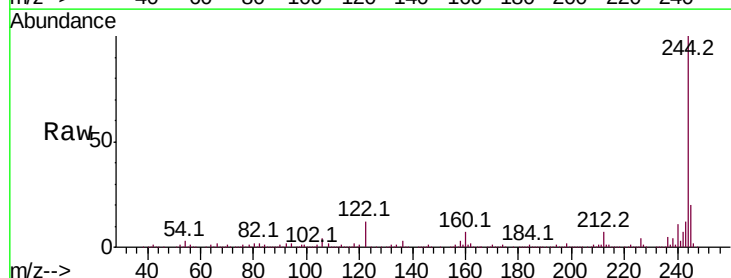
Tgt Ion:244 Resp: 1077667

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

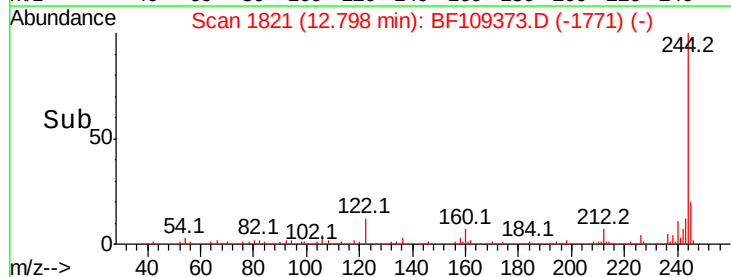
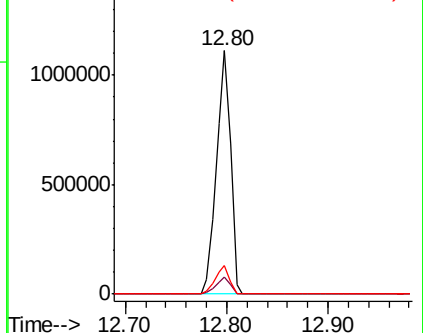
122 11.6 11.0 16.4

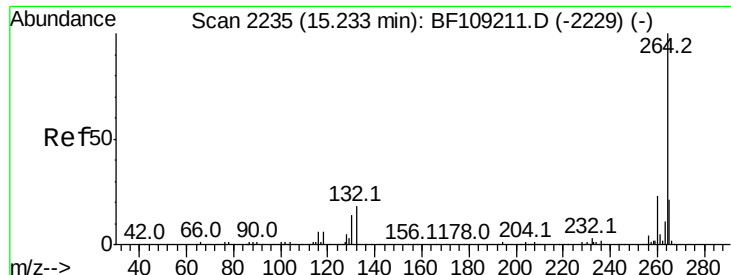


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109373.D
 Acq: 27 Sep 2018 8:00

Instrument :
 BNA_F
 ClientSampleId :
 092118-TIPC-F-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.4	17.5	26.3

