

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109435.D
 Acq On : 28 Sep 2018 17:39
 Operator : JU/SJ
 Sample : J4777-35 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-092718-B

Quant Time: Sep 28 18:58:02 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	6.71	152	103082	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	355109	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	140431	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	246060	20.00	ng	0.00
75) Chrysene-d12	13.84	240	207073	20.00	ng	0.00
86) Perylene-d12	15.25	264	158315	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	104151	16.64	ng	0.00
7) Phenol-d6	6.34	99	130388	16.33	ng	-0.02
23) Nitrobenzene-d5	7.26	82	74800	12.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	20070	14.50	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	130288	13.99	ng	-0.01
78) Terphenyl-d14	12.79	244	112425	13.32	ng	-0.01

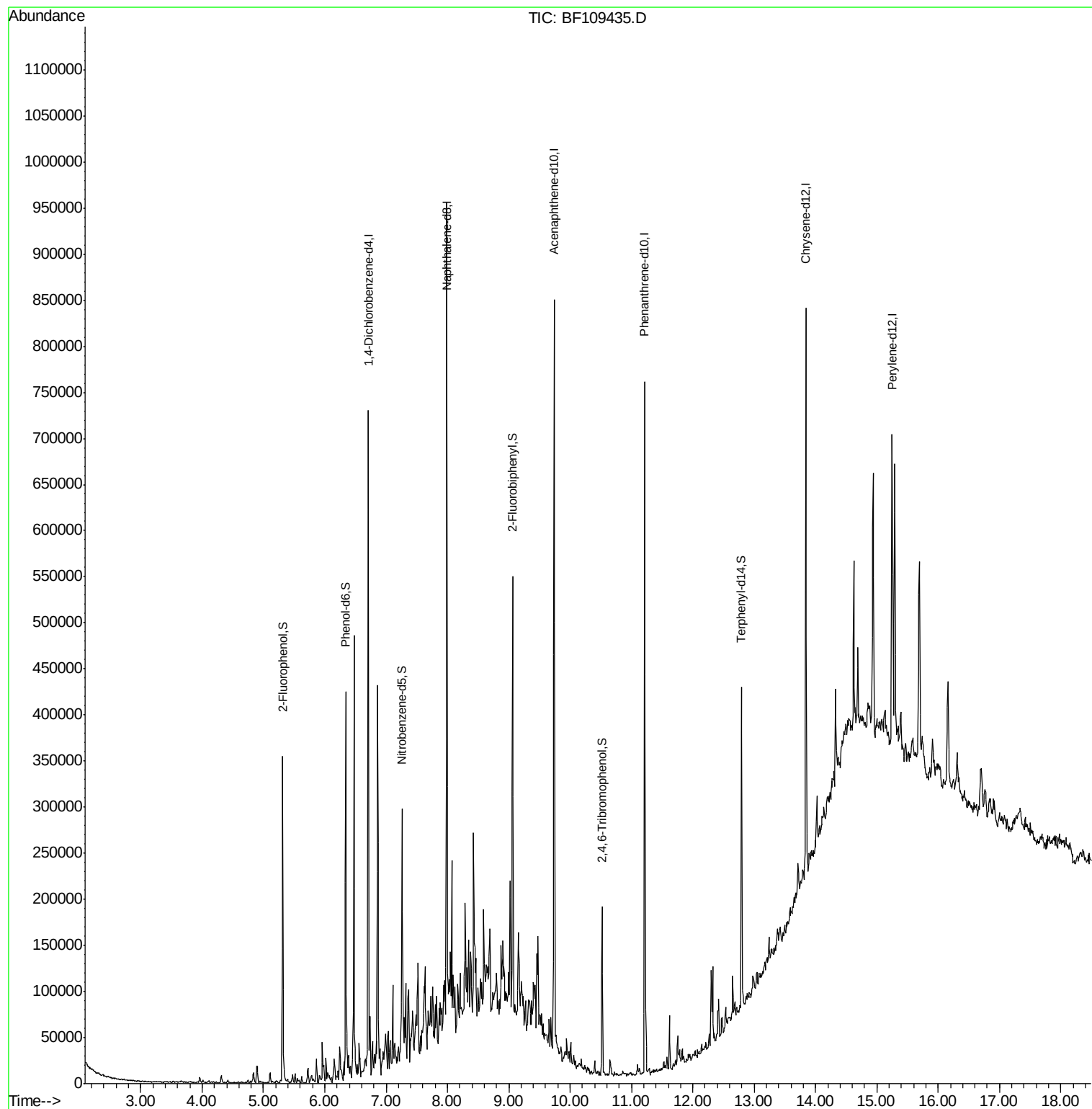
Target Compounds Qvalue

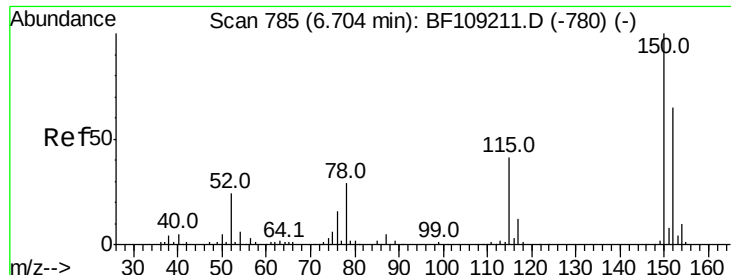
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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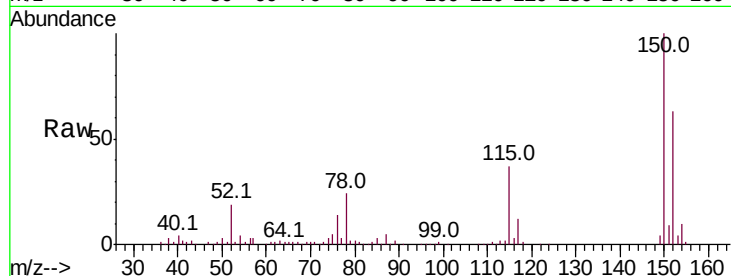


#1

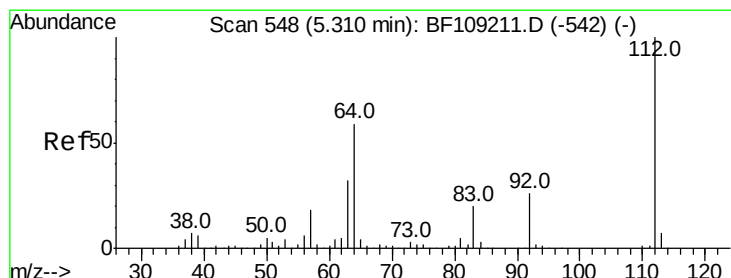
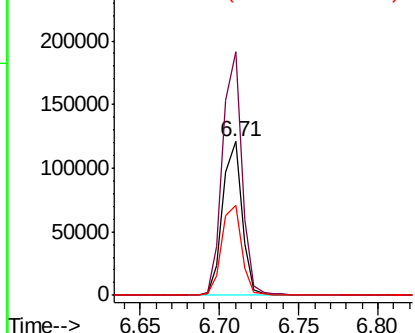
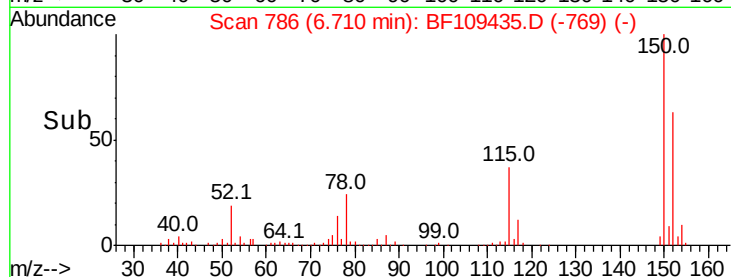
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109435.D
 Acq: 28 Sep 2018 17:39

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-092718-B

Tot Ion:152 Resp: 103082
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.6 186.8
 115 58.4 50.1 75.1



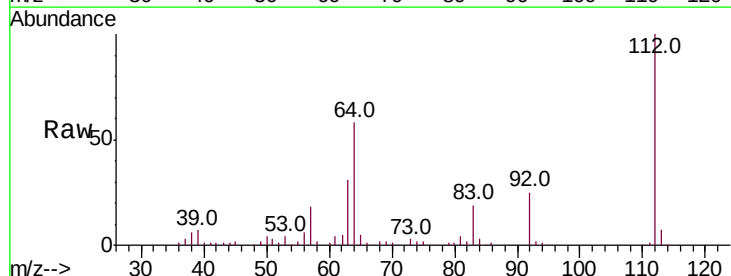
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



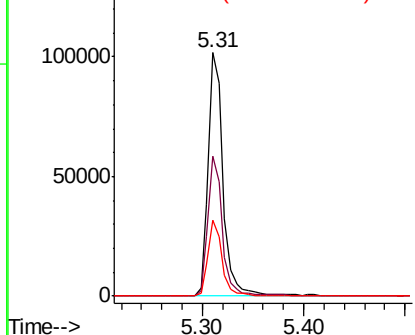
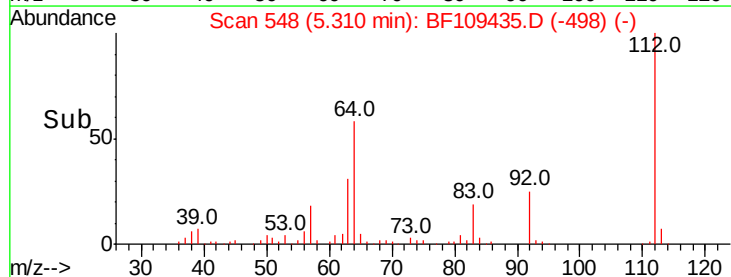
#5

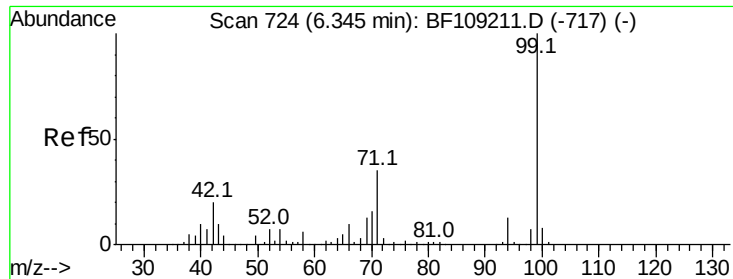
2-Fluorophenol
 Concen: 16.642 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109435.D
 Acq: 28 Sep 2018 17:39

Tgt Ion:112 Resp: 104151
 Ion Ratio Lower Upper
 112 100
 64 57.7 47.9 71.9
 63 31.1 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: 16.327 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109435.D

Acq: 28 Sep 2018 17:39

Instrument :

BNA_F

ClientSampleId :

PL-01-092718-B

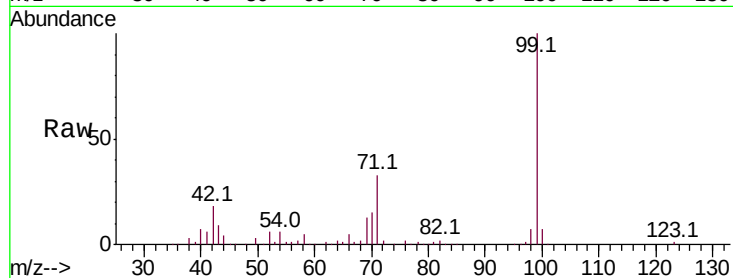
Tot Ion: 99 Resp: 130388

Ion Ratio Lower Upper

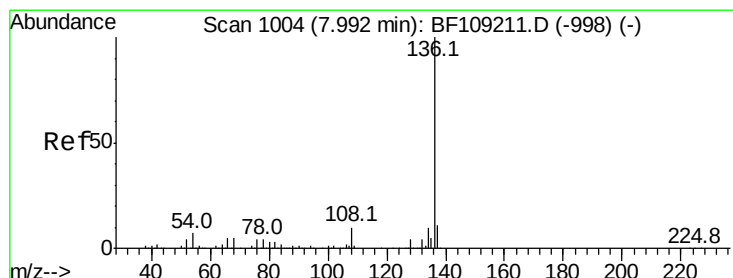
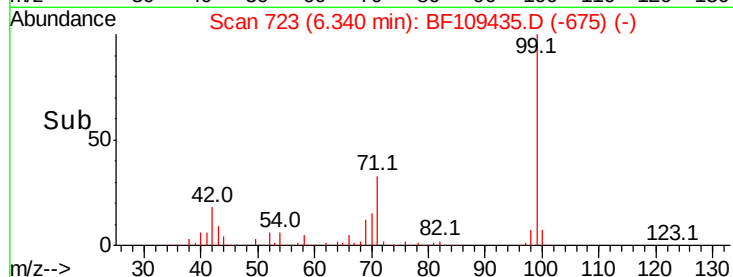
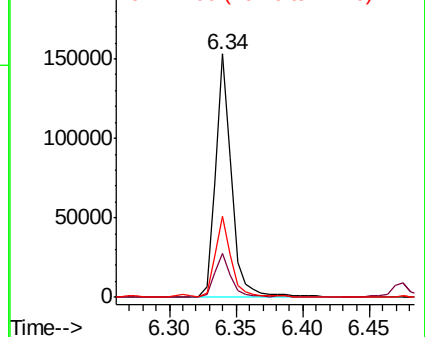
99 100

42 17.8 14.5 21.7

71 33.5 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# 1004

Delta R.T. 0.00 min

Lab File: BF109435.D

Acq: 28 Sep 2018 17:39

Tgt Ion: 136 Resp: 355109

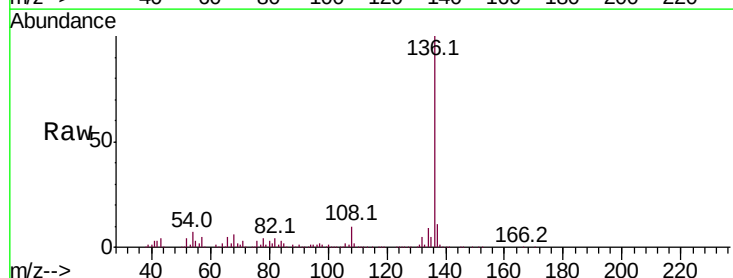
Ion Ratio Lower Upper

136 100

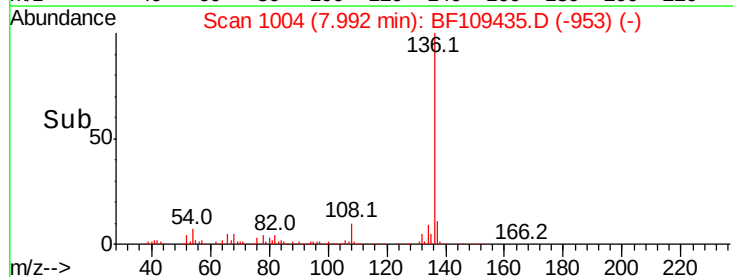
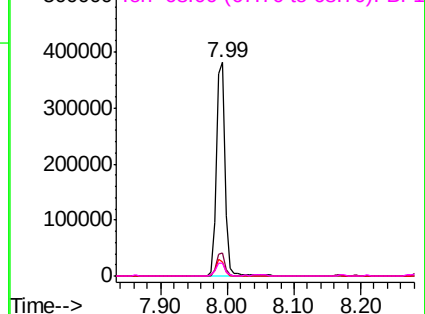
137 11.0 8.9 13.3

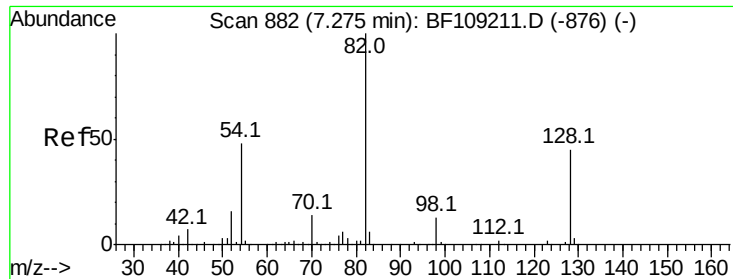
54 6.9 6.6 9.8

68 5.7 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

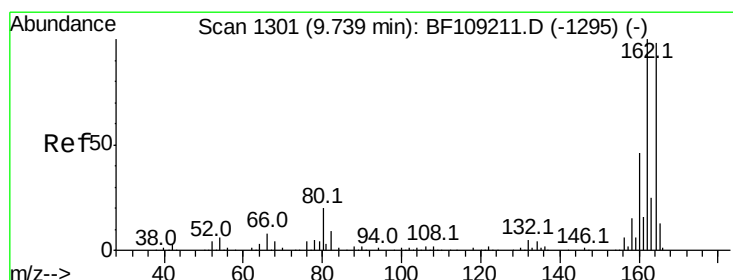
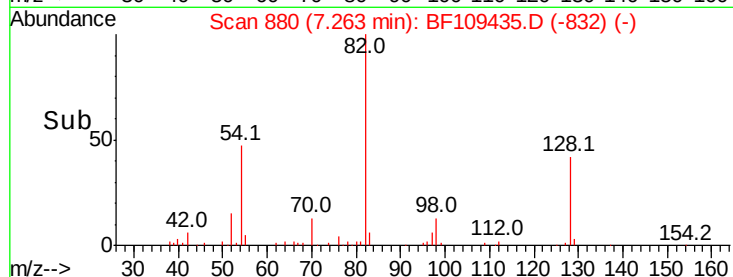
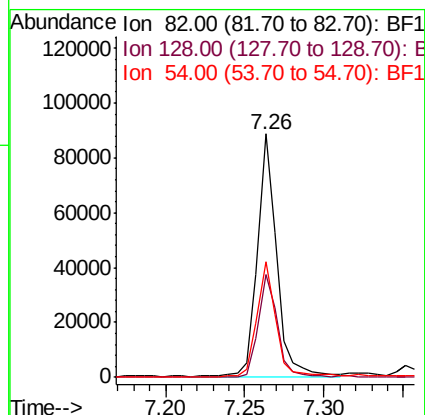
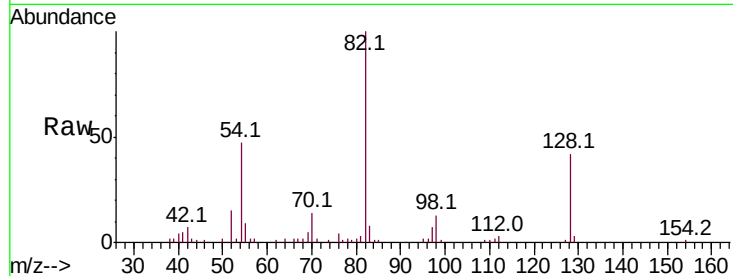




#23
Nitrobenzene-d5
Concen: 12.434 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109435.D
Acq: 28 Sep 2018 17:39

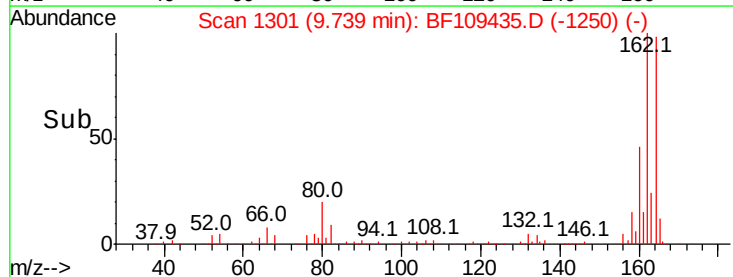
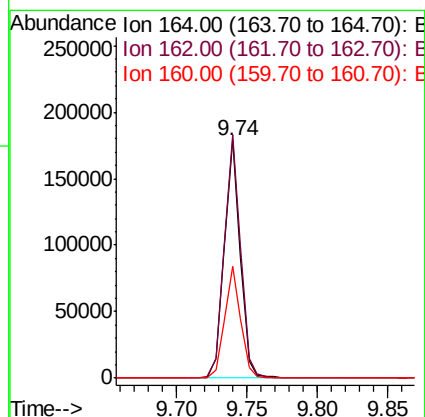
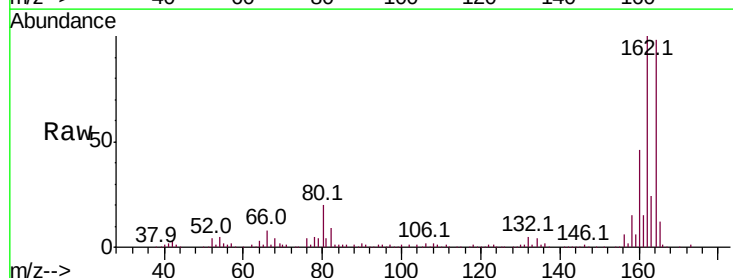
Instrument :
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ClientSampleId :
PL-01-092718-B

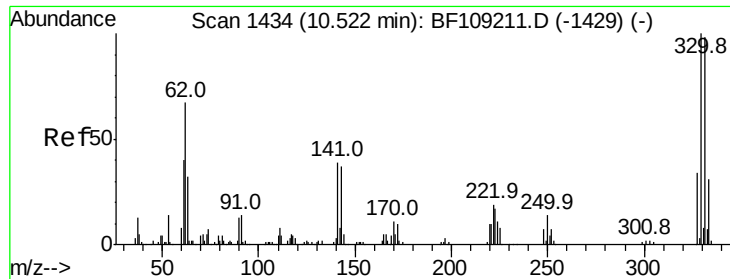
Tot Ion	82	Resp	74800
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	47.3	41.4	62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109435.D
Acq: 28 Sep 2018 17:39

Tgt Ion	164	Resp	140431
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	102.1	38.3	57.5
160	47.1		





#41

2,4,6-Tribromophenol

Concen: 14.498 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109435.D

Acq: 28 Sep 2018 17:39

Instrument :

BNA_F

ClientSampleId :

PL-01-092718-B

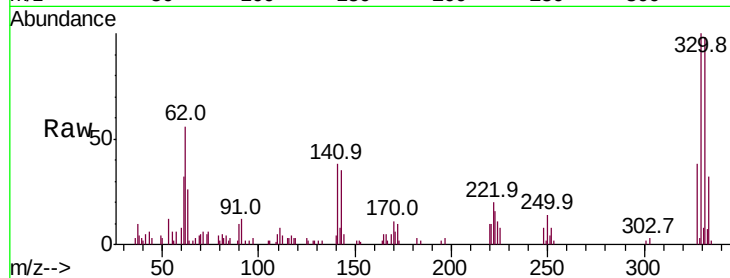
Tot Ion:330 Resp: 20070

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

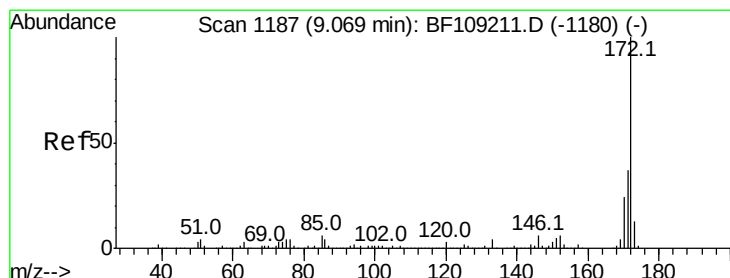
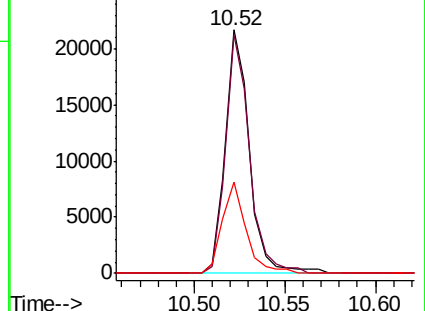
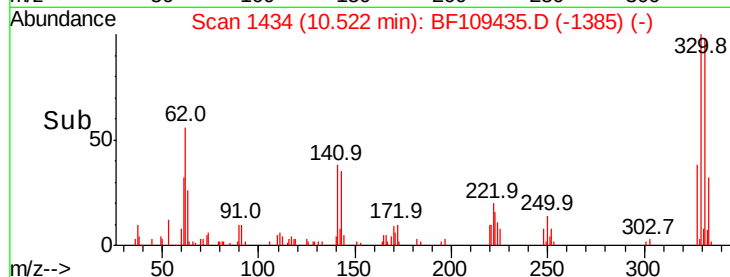
141 37.4 29.9 44.9



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: 13.993 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF109435.D

Acq: 28 Sep 2018 17:39

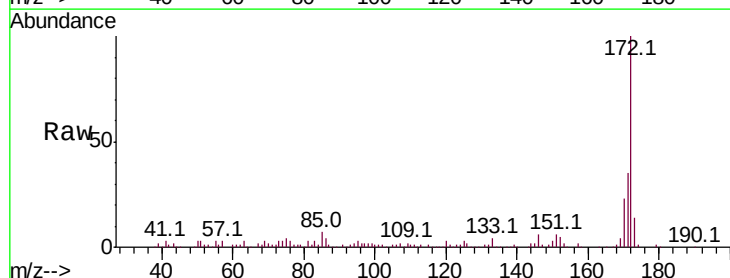
Tgt Ion:172 Resp: 130288

Ion Ratio Lower Upper

172 100

171 34.5 29.7 44.5

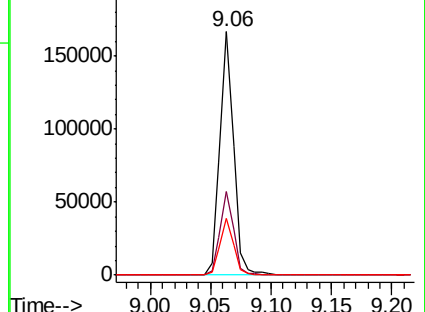
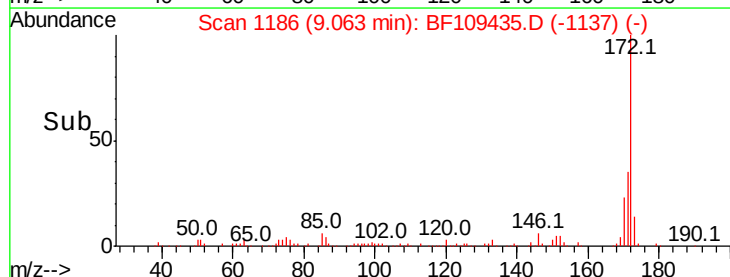
170 23.3 19.6 29.4

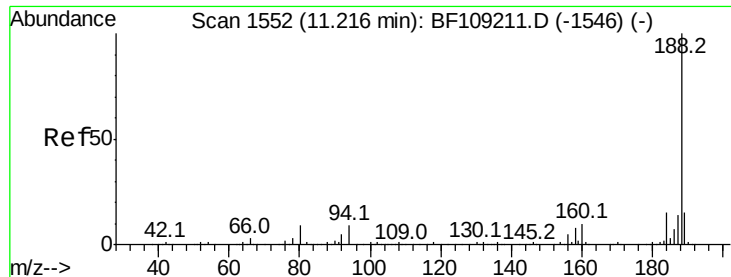


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

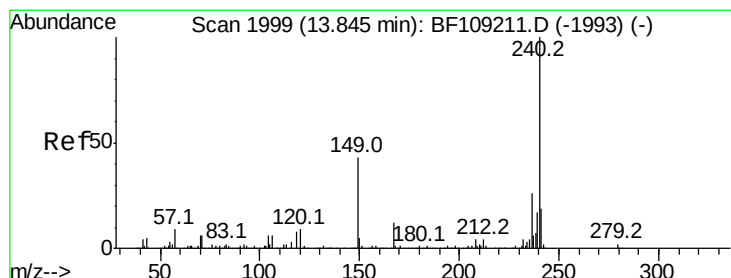
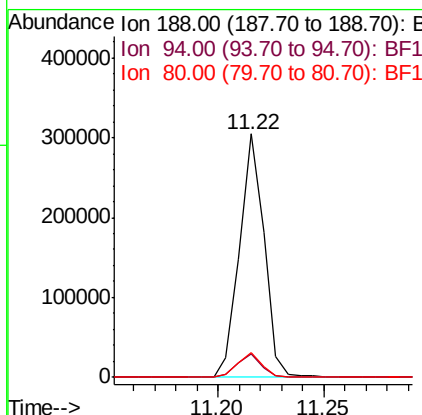
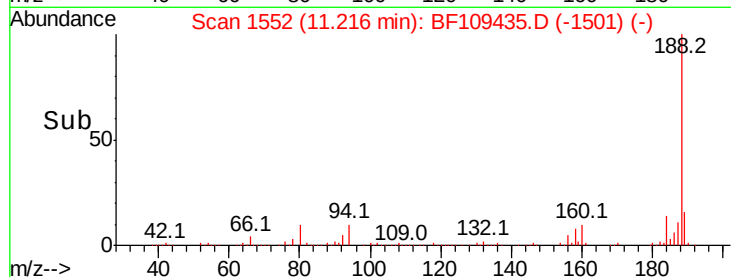
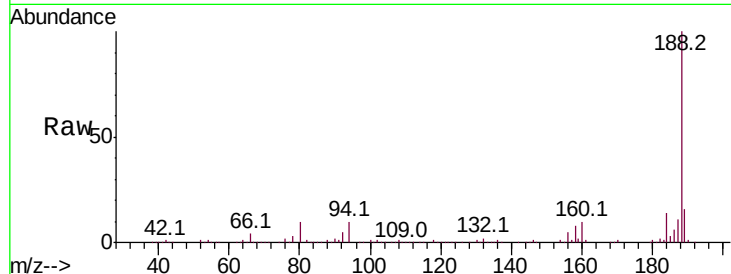




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109435.D
Acq: 28 Sep 2018 17:39

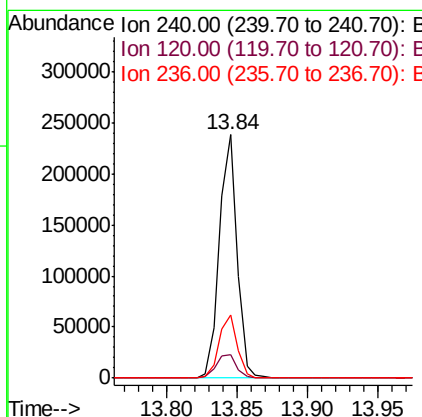
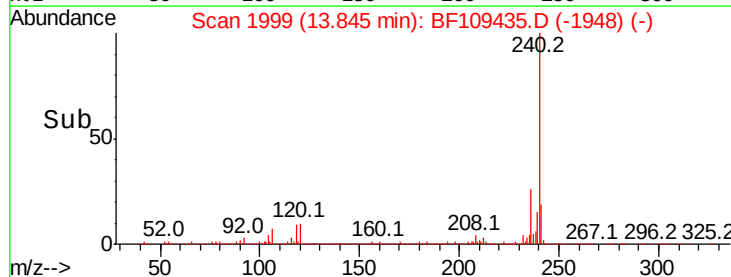
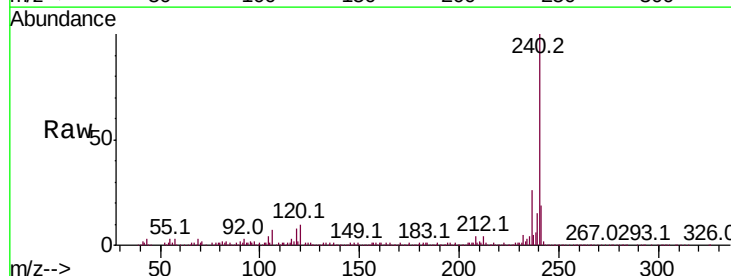
Instrument :
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ClientSampleId :
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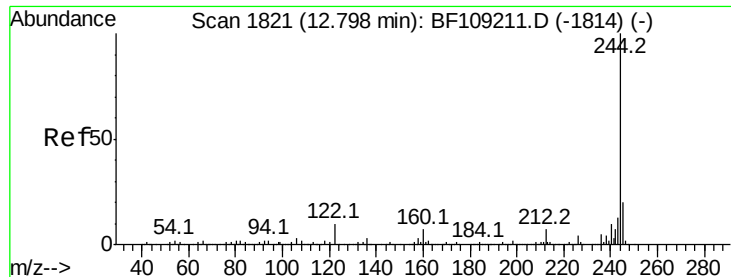
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.1	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109435.D
Acq: 28 Sep 2018 17:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	25.9	20.7	31.1

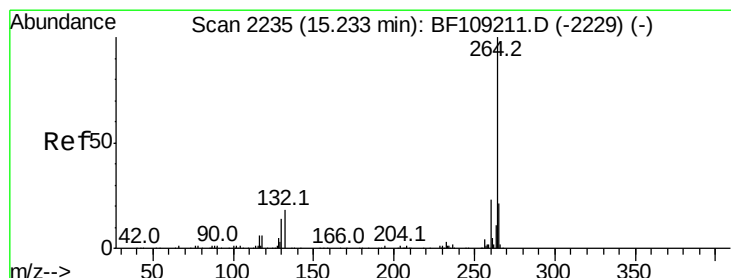
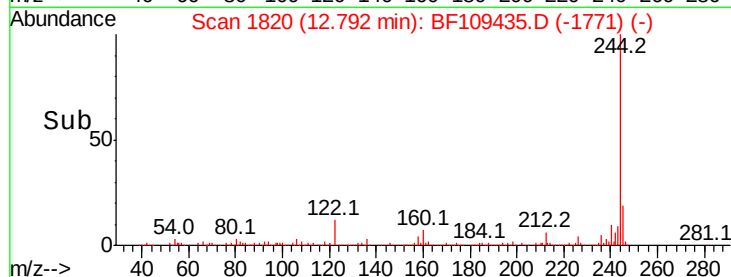
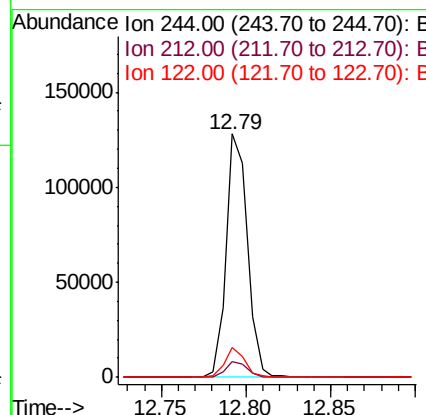
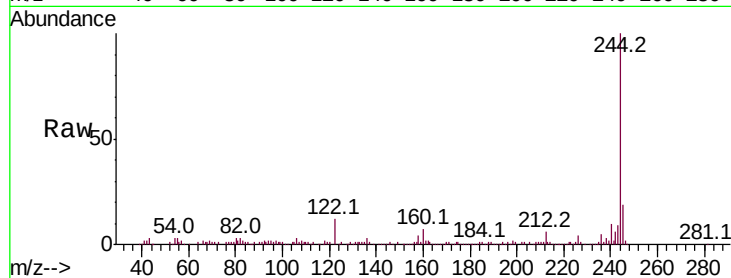




#78
 Terphenyl-d14
 Concen: 13.324 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109435.D
 Acq: 28 Sep 2018 17:39

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-092718-B

Tot Ion:244 Resp: 112425
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 12.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. 0.01 min
 Lab File: BF109435.D
 Acq: 28 Sep 2018 17:39

Tgt Ion:264 Resp: 158315
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.4 17.5 26.3

