

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
 Data File : BF109546.D
 Acq On : 3 Oct 2018 15:14
 Operator : JU/SJ
 Sample : J5220-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-04

Quant Time: Oct 03 16:31:07 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

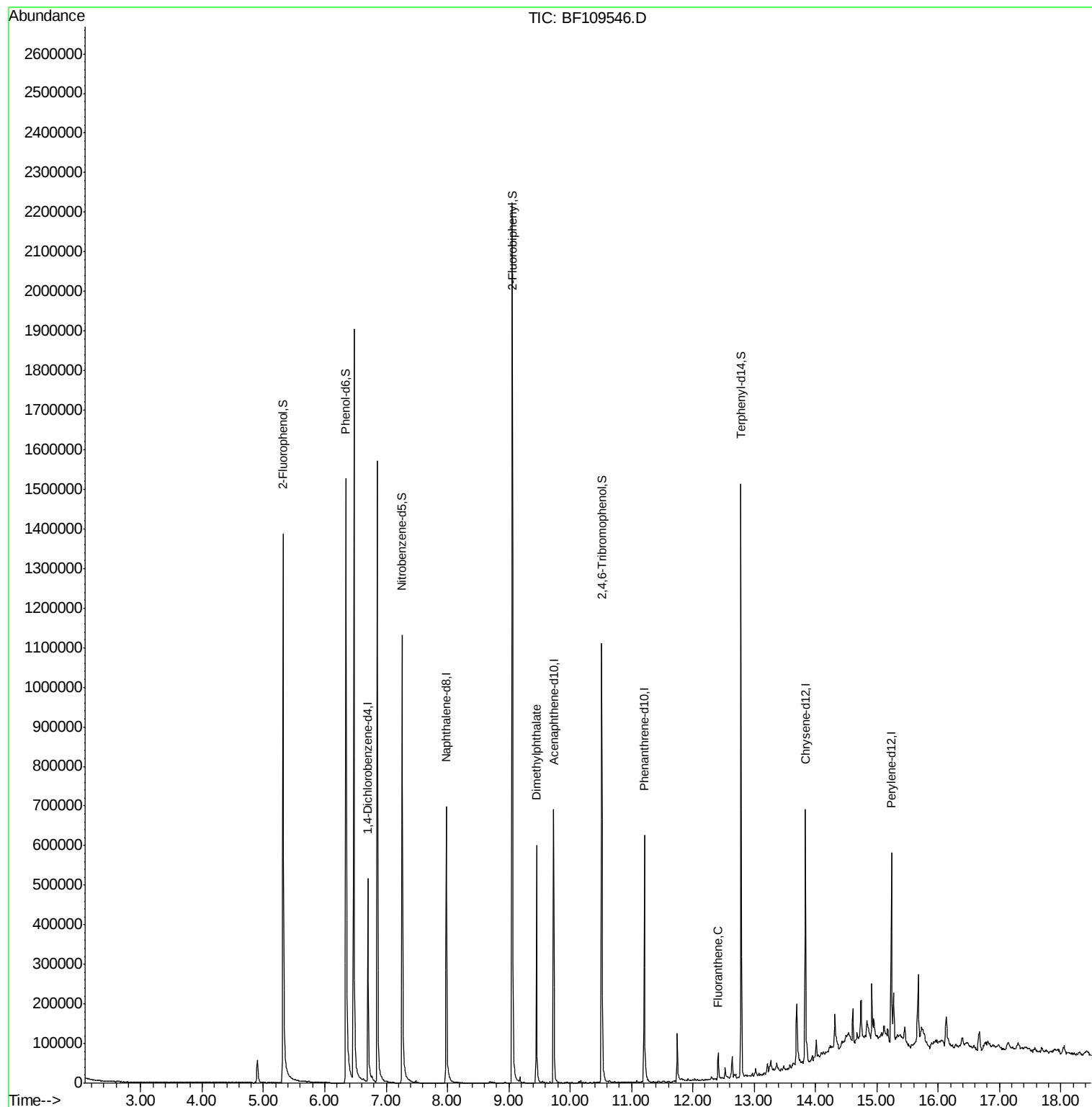
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	96687	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	369173	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	156427	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	257071	20.00	ng	0.00
75) Chrysene-d12	13.83	240	219959	20.00	ng	-0.01
86) Perylene-d12	15.24	264	219254	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	501244	85.39	ng	0.00
7) Phenol-d6	6.35	99	693292	92.55	ng	-0.01
23) Nitrobenzene-d5	7.26	82	439074	70.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	143293	92.92	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	725147	69.92	ng	-0.02
78) Terphenyl-d14	12.79	244	517788	57.77	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.45	163	244093	21.454	ng	99
74) Fluoranthene	12.42	202	29687	2.164	ng	93

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

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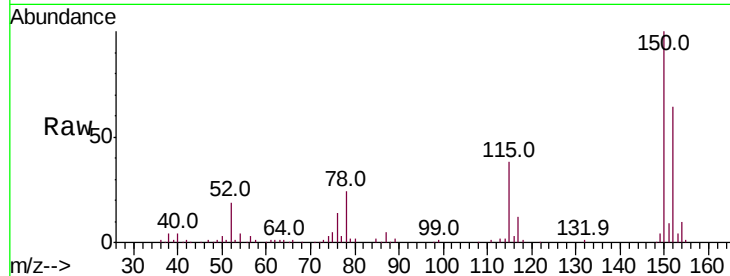


#1

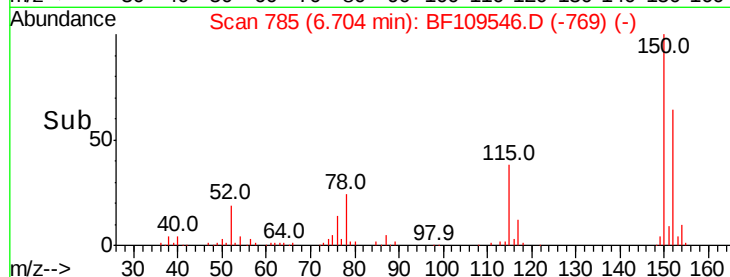
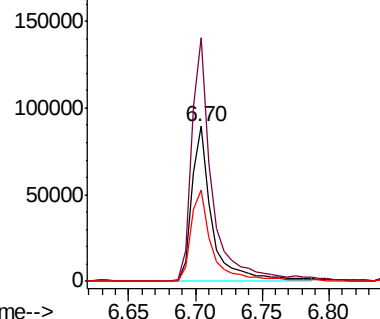
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109546.D
Acq: 3 Oct 2018 15:14

Instrument :
BNA_F
ClientSampleId :
TS-04

Tot Ion:152 Resp: 96687
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 58.9 50.1 75.1



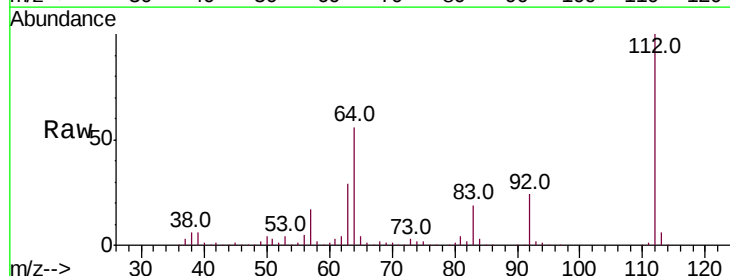
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



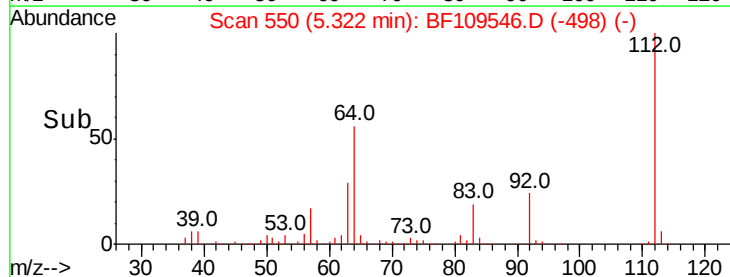
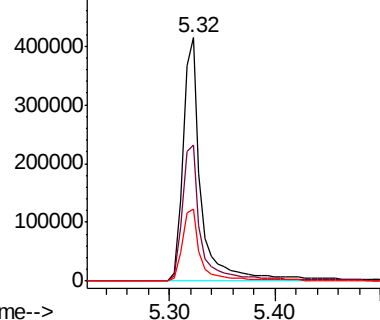
#5

2-Fluorophenol
Concen: 85.388 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109546.D
Acq: 3 Oct 2018 15:14

Tgt Ion:112 Resp: 501244
Ion Ratio Lower Upper
112 100
64 55.6 47.9 71.9
63 29.4 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: 92.555 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109546.D

Acq: 3 Oct 2018 15:14

Instrument :

BNA_F

ClientSampleId :

TS-04

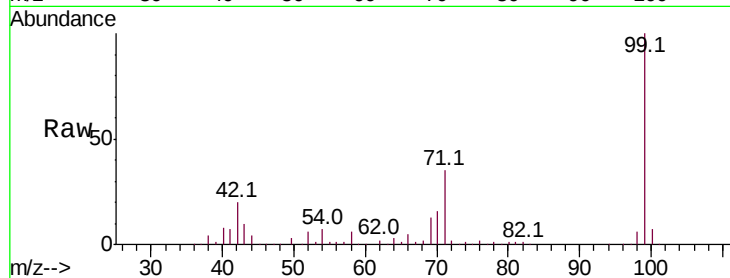
Tot Ion: 99 Resp: 693292

Ion Ratio Lower Upper

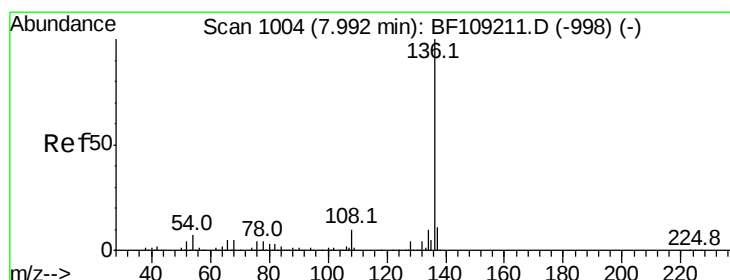
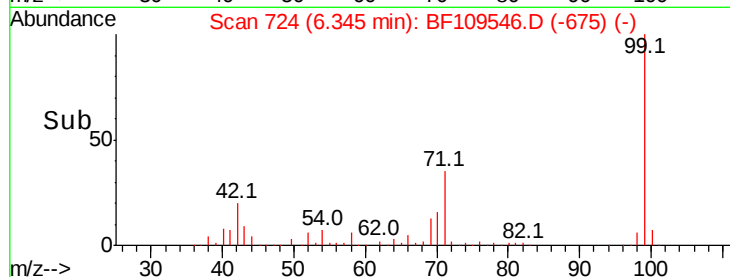
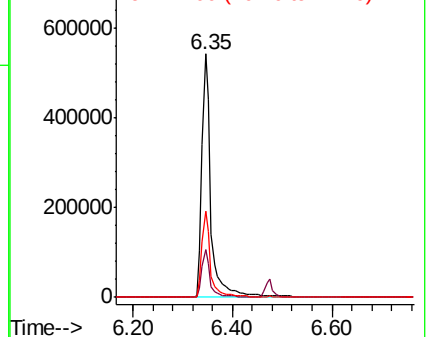
99 100

42 19.6 14.5 21.7

71 35.4 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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109546.D

Acq: 3 Oct 2018 15:14

Tgt Ion: 136 Resp: 369173

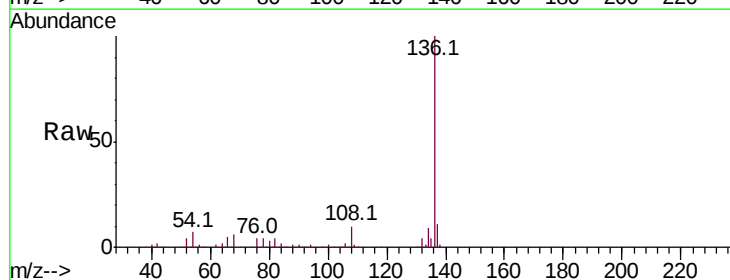
Ion Ratio Lower Upper

136 100

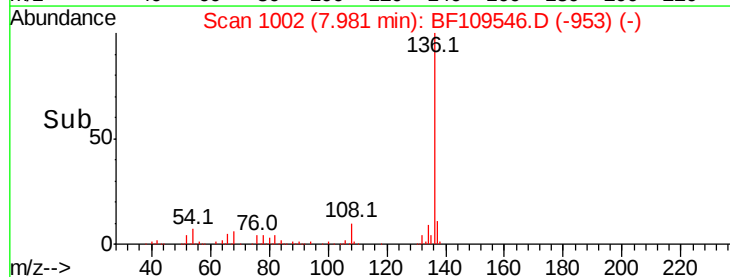
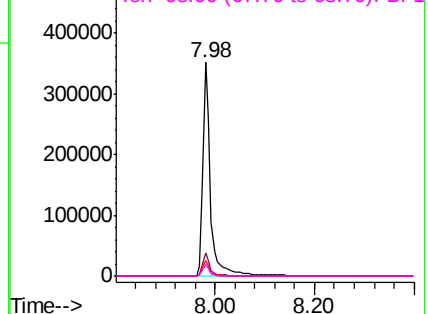
137 10.6 8.9 13.3

54 7.2 6.6 9.8

68 5.6 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

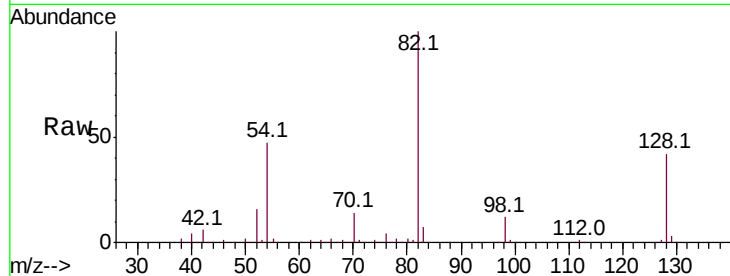




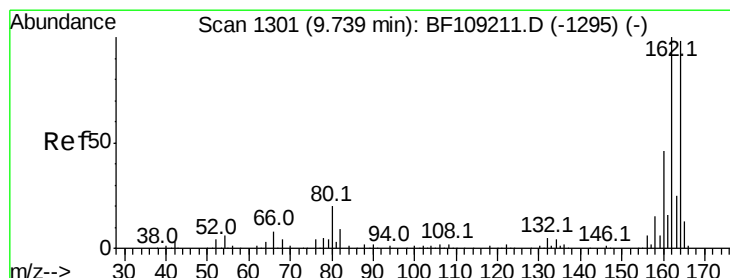
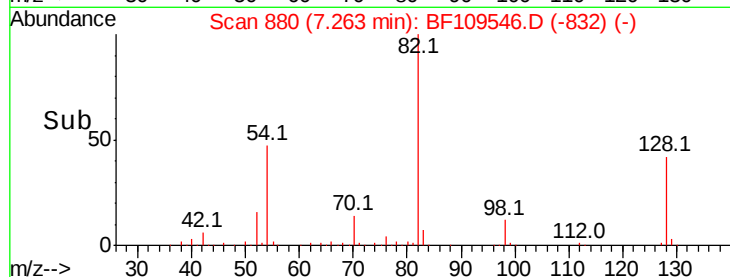
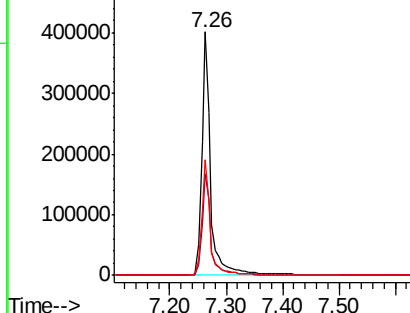
#23
Nitrobenzene-d5
Concen: 70.209 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109546.D
Acq: 3 Oct 2018 15:14

Instrument :
BNA_F
ClientSampleId :
TS-04

Tot Ion: 82 Resp: 439074
Ion Ratio Lower Upper
82 100
128 41.8 36.1 54.1
54 47.5 41.4 62.2

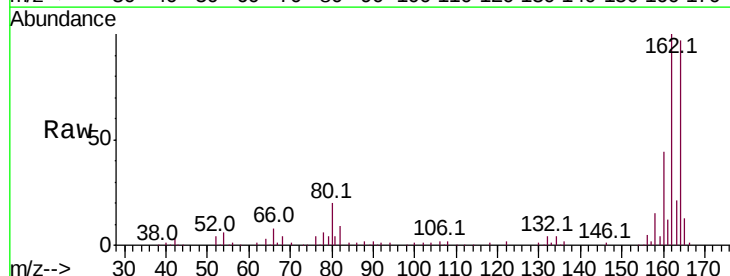


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

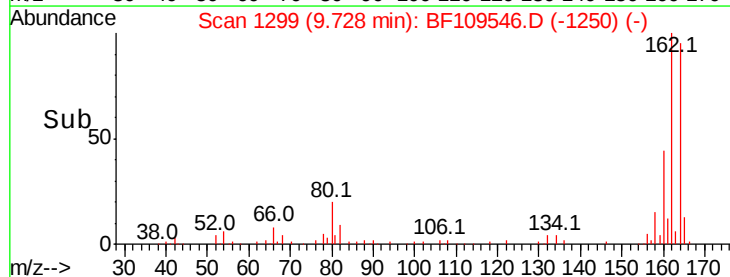
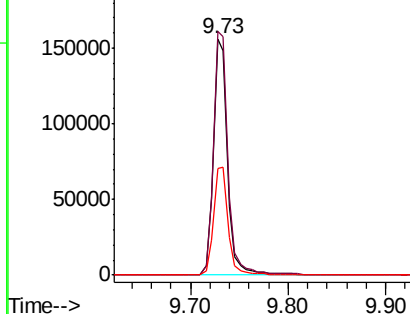


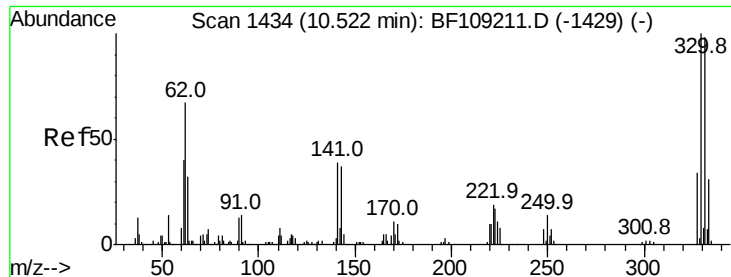
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109546.D
Acq: 3 Oct 2018 15:14

Tgt Ion:164 Resp: 156427
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 45.1 38.3 57.5



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

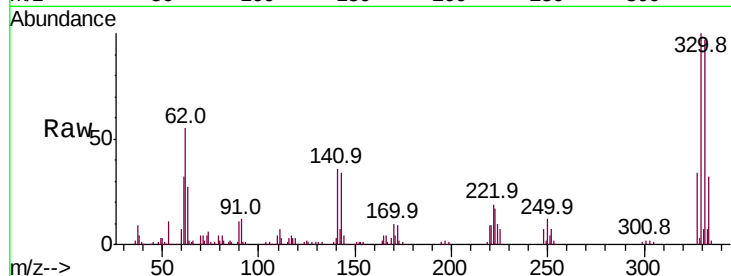




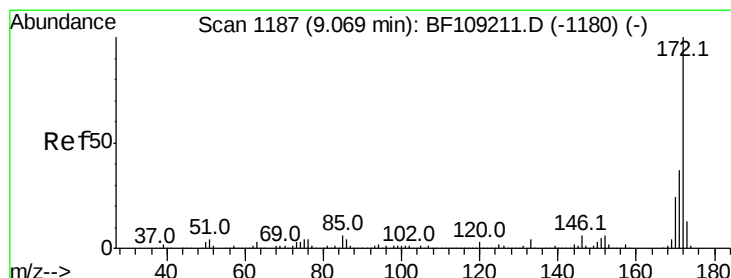
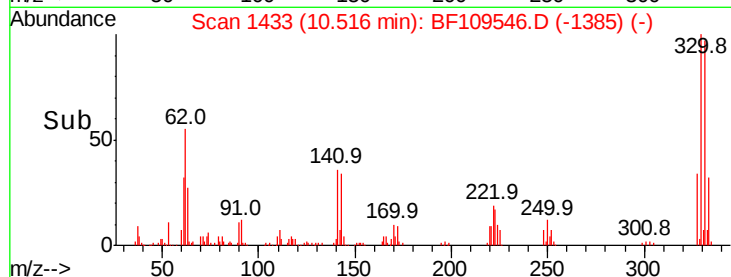
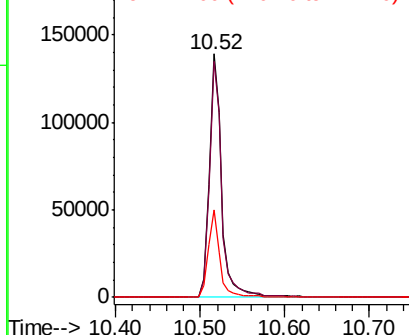
#41
 2,4,6-Tribromophenol
 Concen: 92.924 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109546.D
 Acq: 3 Oct 2018 15:14

Instrument :
 BNA_F
 ClientSampleId :
 TS-04

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	33.4	29.9	44.9

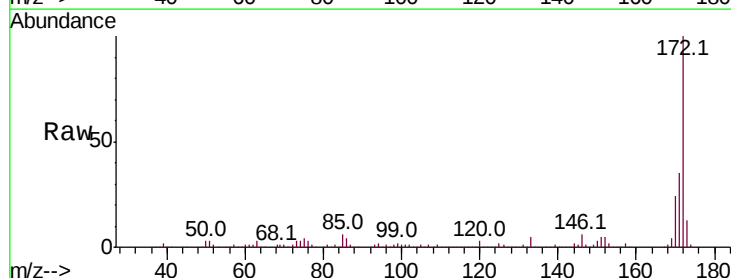


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

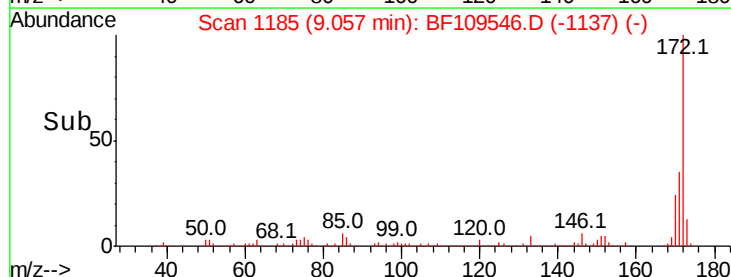
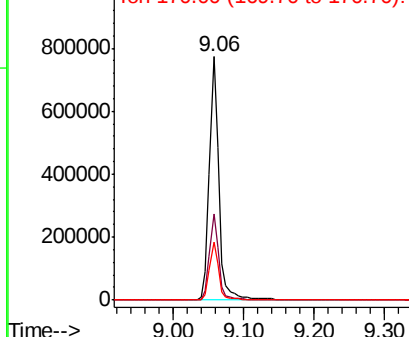


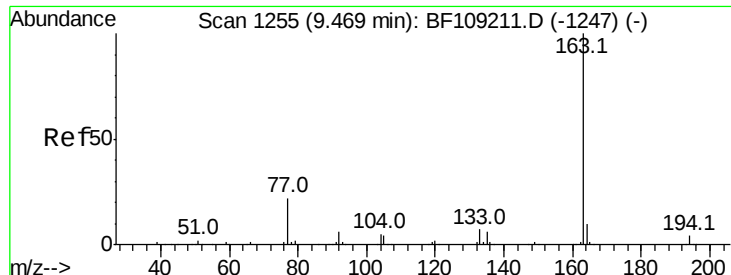
#44
 2-Fluorobiphenyl
 Concen: 69.915 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109546.D
 Acq: 3 Oct 2018 15:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.7	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

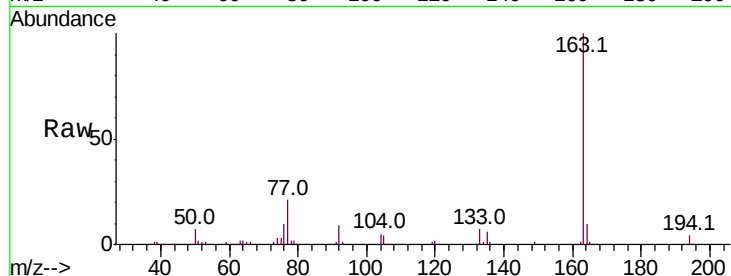




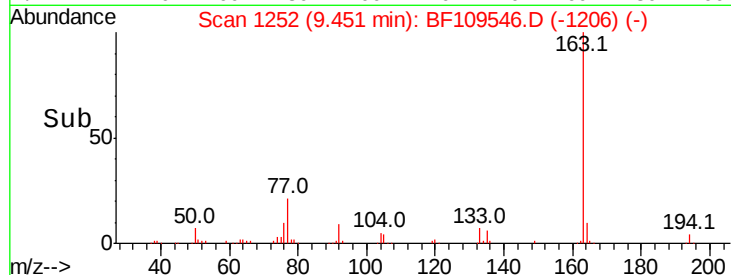
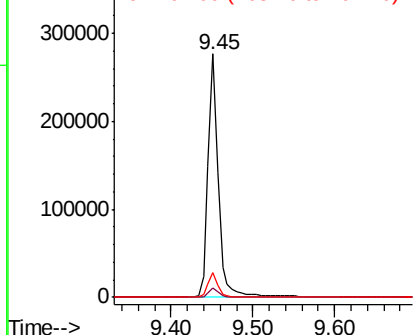
#49
Dimethylphthalate
Concen: 21.454 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109546.D
Acq: 3 Oct 2018 15:14

Instrument :
BNA_F
ClientSampleId :
TS-04

Tot Ion:163 Resp: 244093
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.0 8.2 12.2

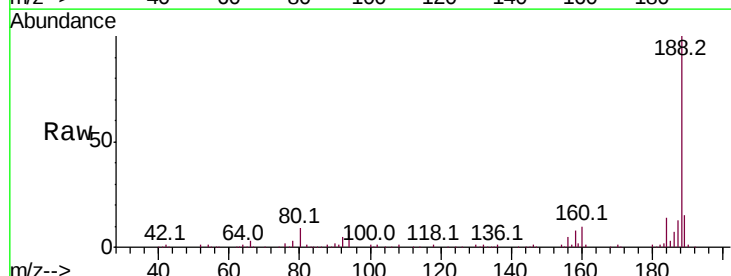


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

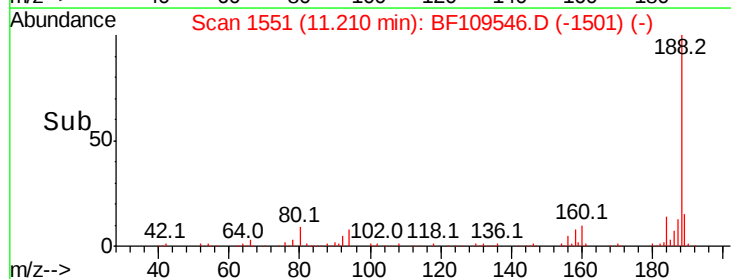
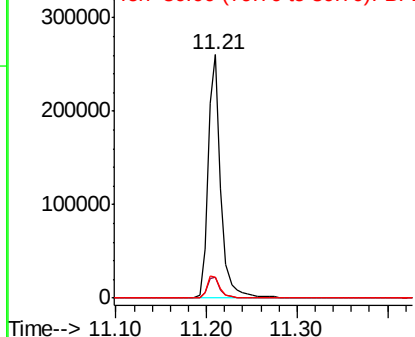


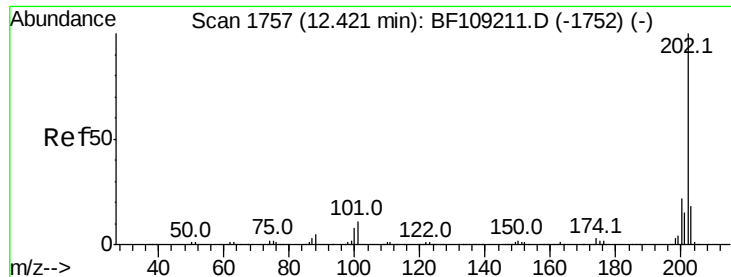
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109546.D
Acq: 3 Oct 2018 15:14

Tgt Ion:188 Resp: 257071
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7
80 8.8 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

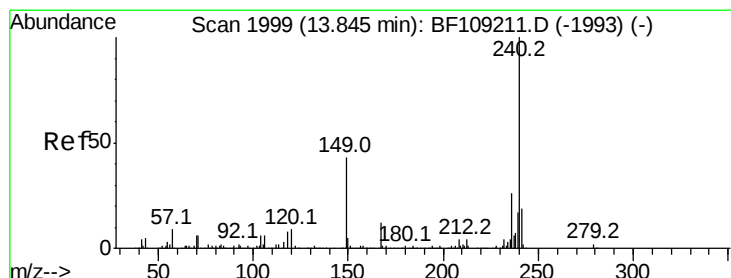
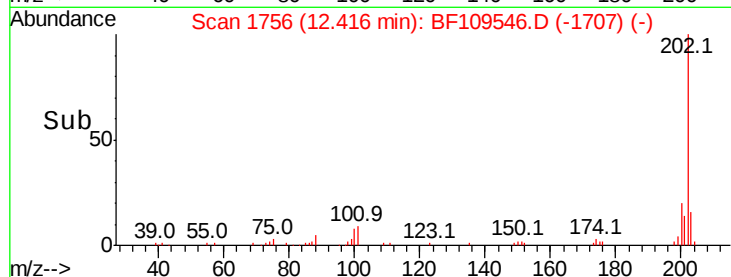
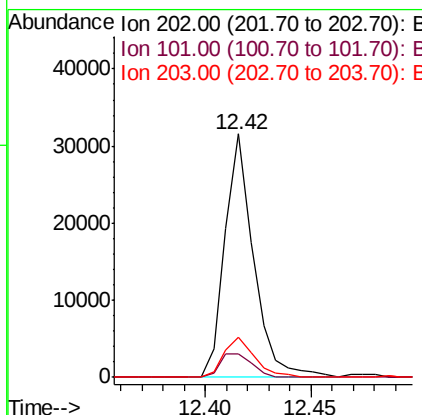
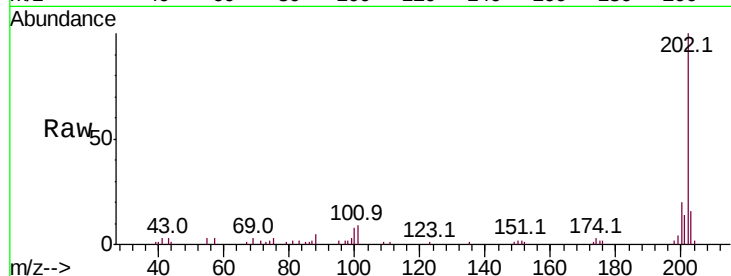




#74
 Fluoranthene
 Concen: 2.164 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BF109546.D
 Acq: 3 Oct 2018 15:14

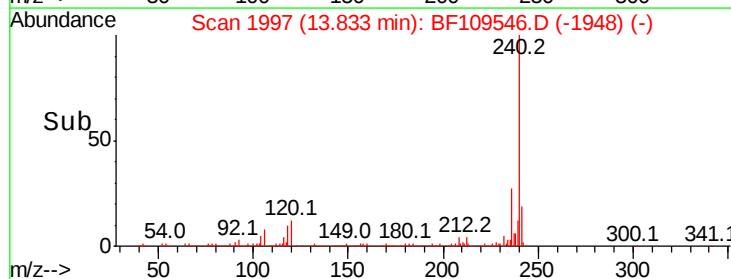
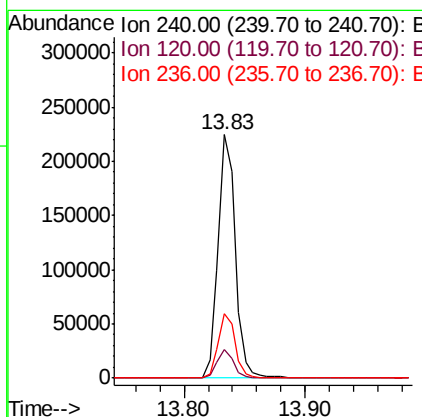
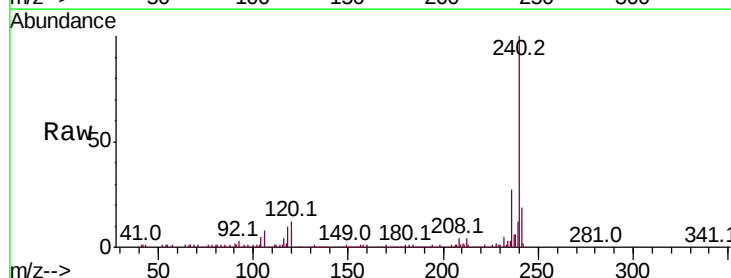
Instrument :
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 TS-04

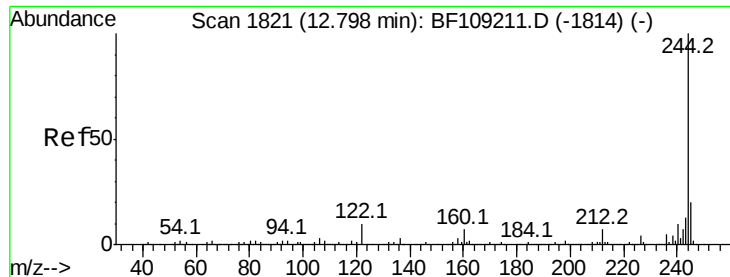
Tot Ion:202 Resp: 29687
 Ion Ratio Lower Upper
 202 100
 101 9.5 0.0 34.1
 203 16.5 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF109546.D
 Acq: 3 Oct 2018 15:14

Tgt Ion:240 Resp: 219959
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.5 14.3
 236 26.6 20.7 31.1





#78

Terphenyl-d14

Concen: 57.772 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF109546.D

Acq: 3 Oct 2018 15:14

Instrument :

BNA_F

ClientSampleId :

TS-04

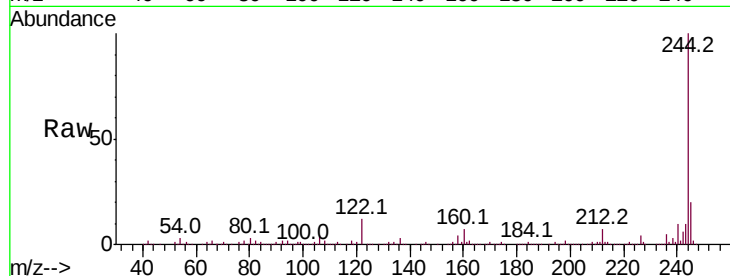
Tot Ion:244 Resp: 517788

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

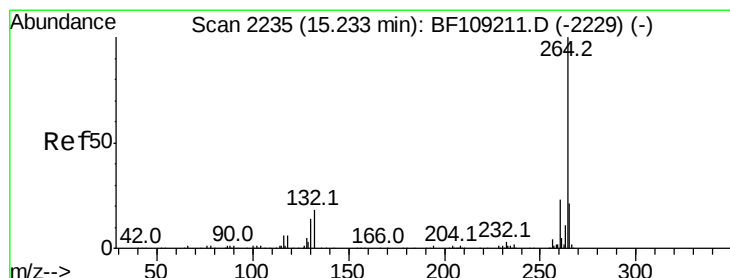
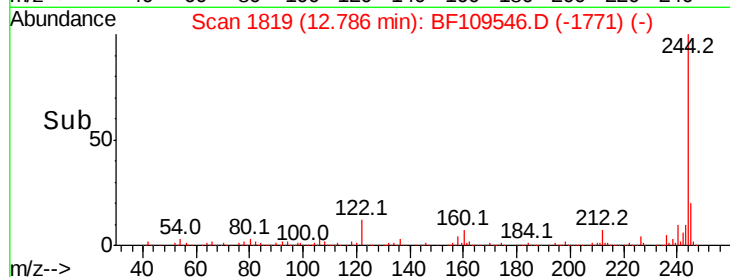
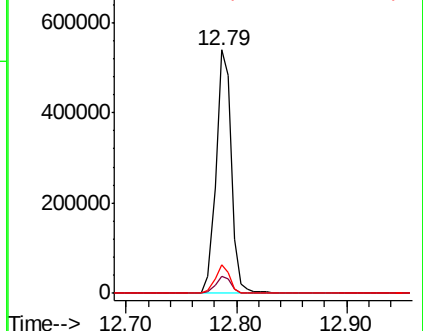
122 11.8 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF109546.D

Acq: 3 Oct 2018 15:14

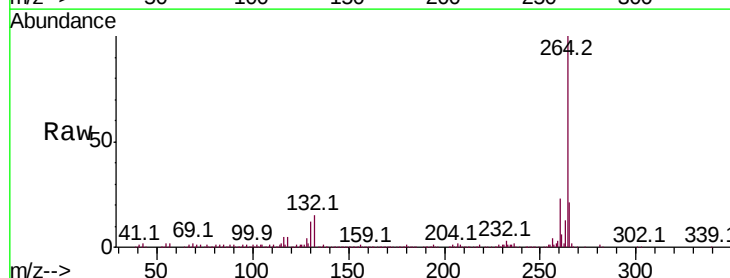
Tgt Ion:264 Resp: 219254

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.3 17.5 26.3



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

