

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110525.D
 Acq On : 6 Nov 2018 19:52
 Operator : JU/SJ
 Sample : J5772-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-110518

Quant Time: Nov 07 10:46:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

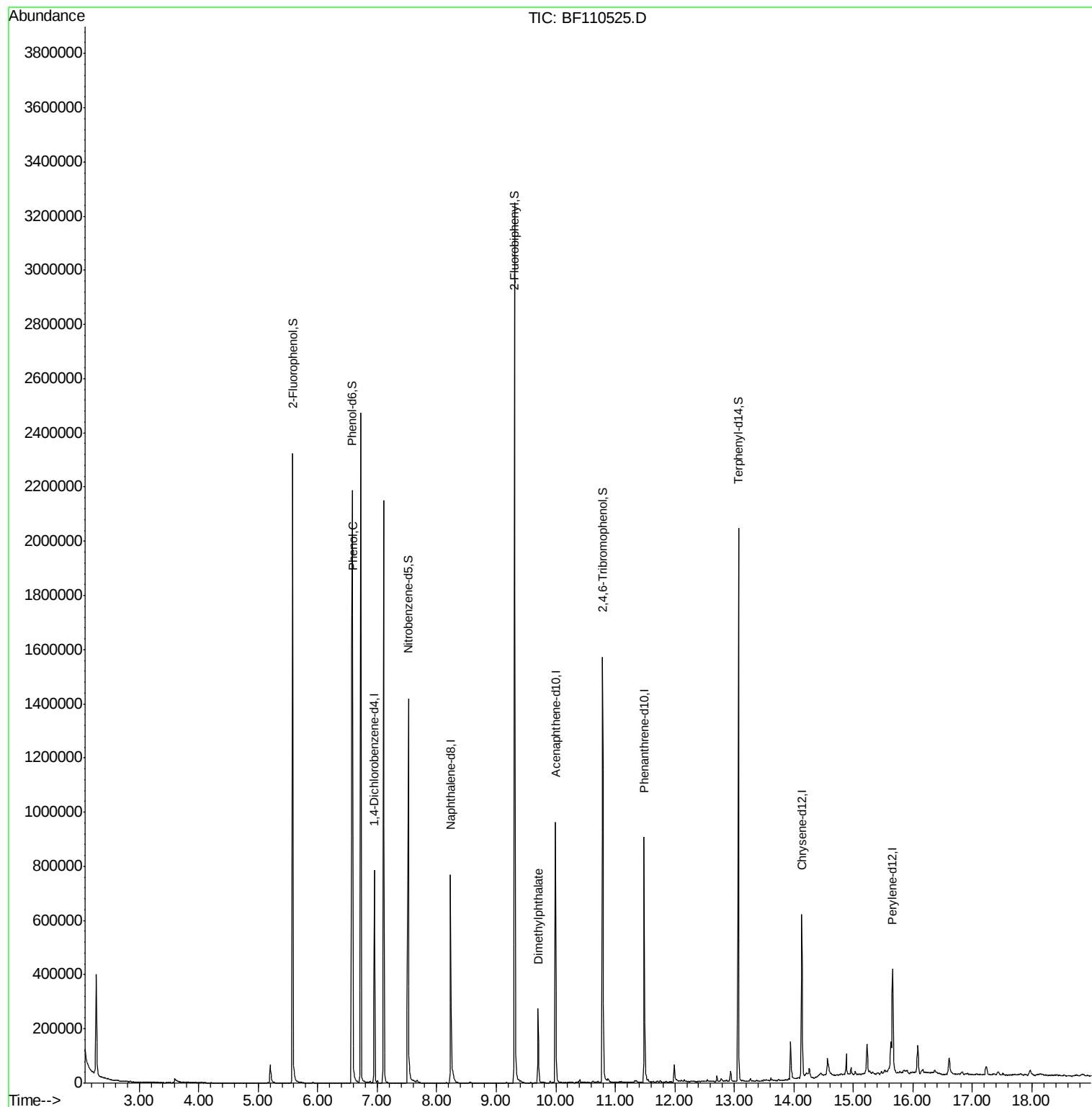
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	110592	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	462215	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	219339	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	358208	20.00	ng	0.00
76) Chrysene-d12	14.13	240	214864	20.00	ng	0.00
87) Perylene-d12	15.66	264	203461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	660795	97.30	ng	0.00
7) Phenol-d6	6.58	99	873648	100.58	ng	0.00
23) Nitrobenzene-d5	7.52	82	553302	71.00	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	191741	88.25	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1010154	72.32	ng	0.00
79) Terphenyl-d14	13.07	244	662624	64.14	ng	0.00
Target Compounds						
10) Phenol	6.59	94	59649	6.424	ng	Qvalue # 67
50) Dimethylphthalate	9.70	163	144265	8.910	ng	99

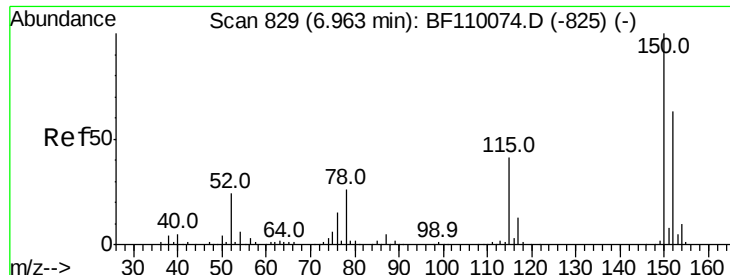
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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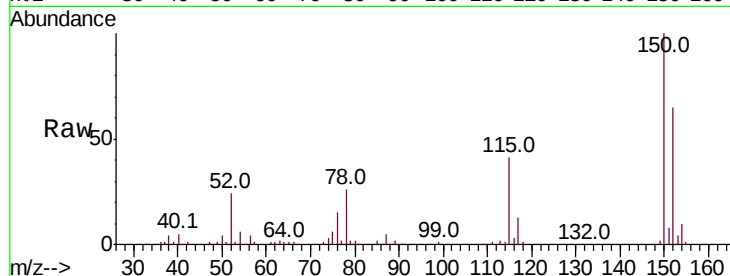


#1

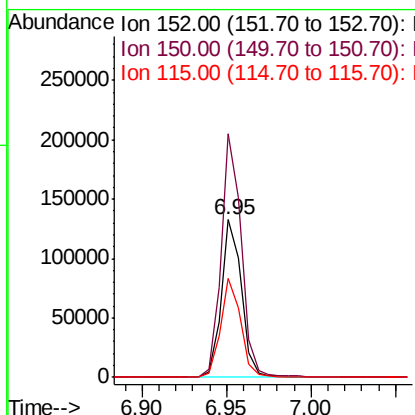
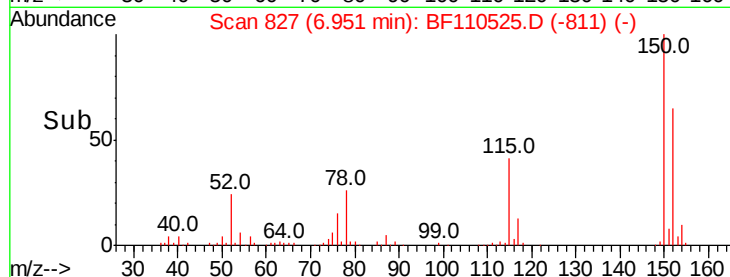
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110525.D
Acq: 6 Nov 2018 19:52

Instrument :
BNA_F
ClientSampleId :
PL-05-110518

Tot Ion:152 Resp: 110592
Ion Ratio Lower Upper
152 100
150 154.4 122.7 184.1
115 62.7 49.1 73.7



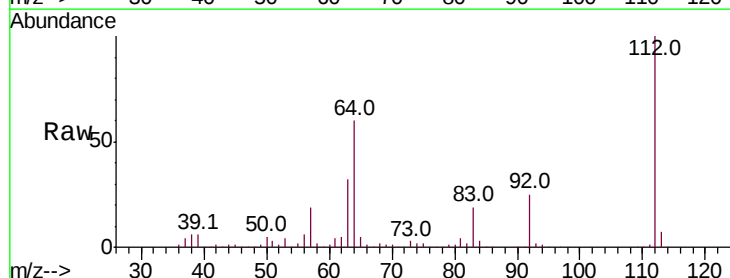
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



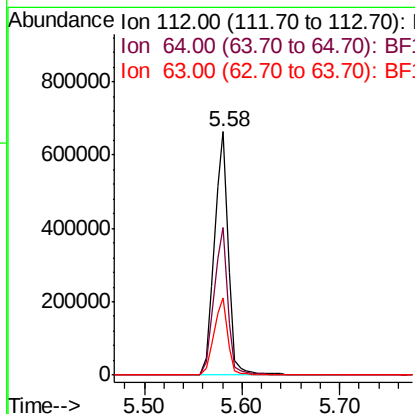
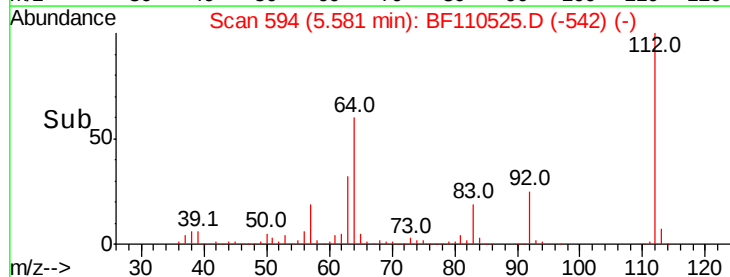
#5

2-Fluorophenol
Concen: 97.301 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110525.D
Acq: 6 Nov 2018 19:52

Tgt Ion:112 Resp: 660795
Ion Ratio Lower Upper
112 100
64 60.5 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: 100.575 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110525.D

Acq: 6 Nov 2018 19:52

Instrument :

BNA_F

ClientSampleId :

PL-05-110518

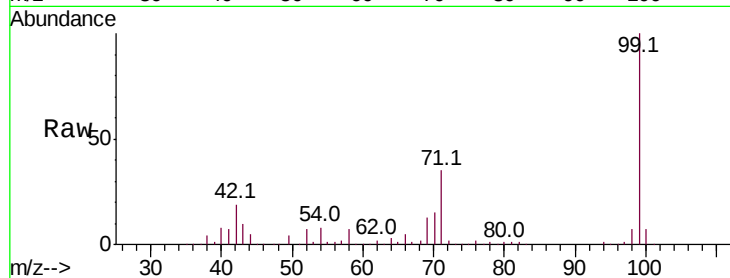
Tot Ion: 99 Resp: 873648

Ion Ratio Lower Upper

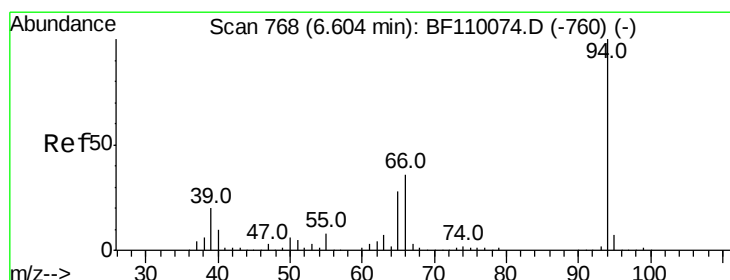
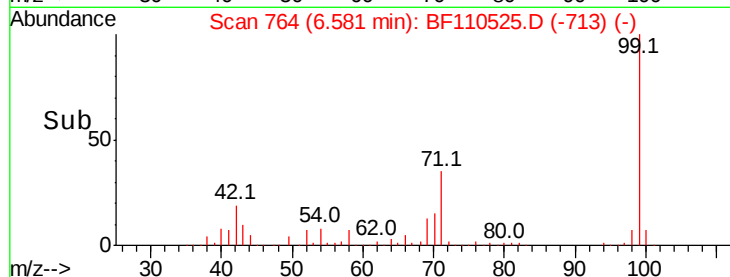
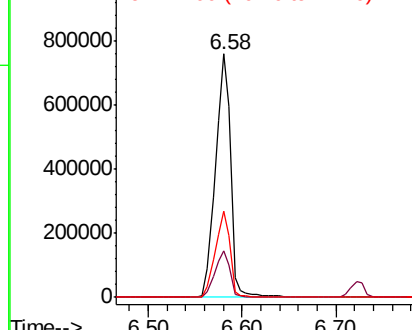
99 100

42 19.3 15.8 23.6

71 35.5 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



#10

Phenol

Concen: 6.424 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110525.D

Acq: 6 Nov 2018 19:52

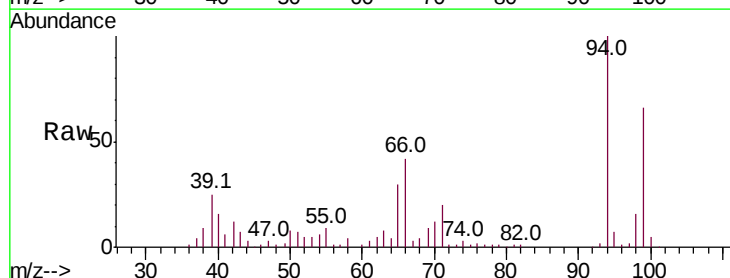
Tgt Ion: 94 Resp: 59649

Ion Ratio Lower Upper

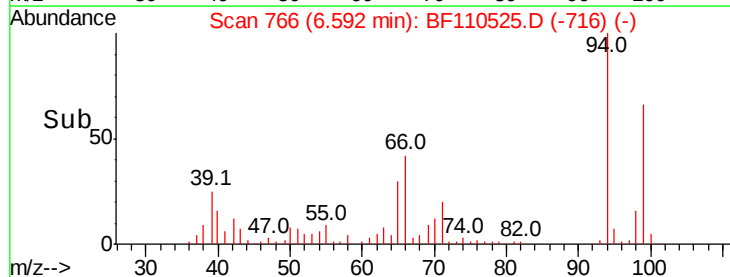
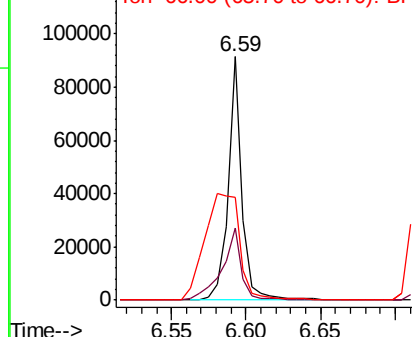
94 100

65 29.6 25.3 65.3

66 42.1 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

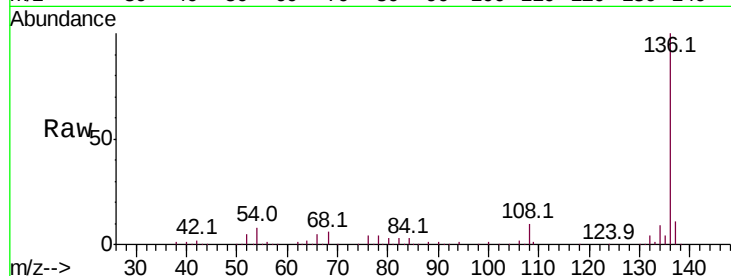




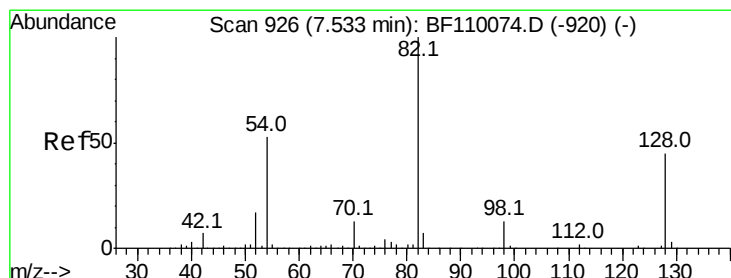
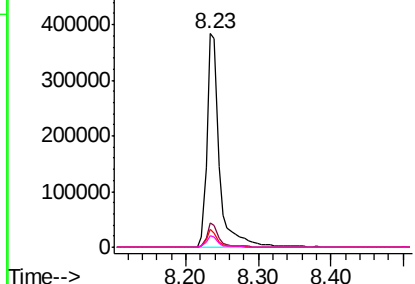
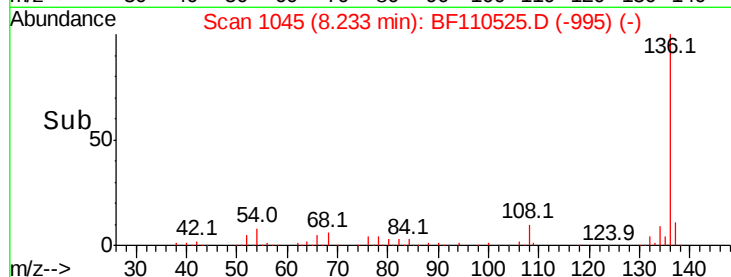
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110525.D
Acq: 6 Nov 2018 19:52

Instrument :
BNA_F
ClientSampleId :
PL-05-110518

Tot Ion:	136	Resp:	462215
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.3	5.4	8.2#
68	5.5	4.2	6.2

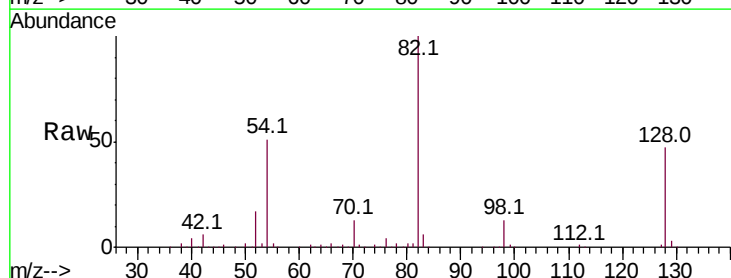


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

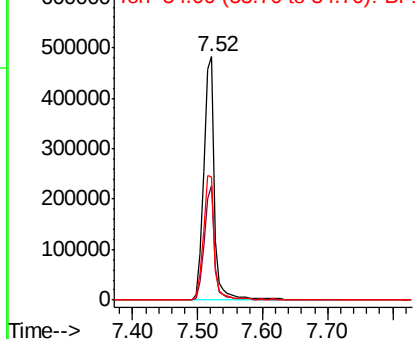
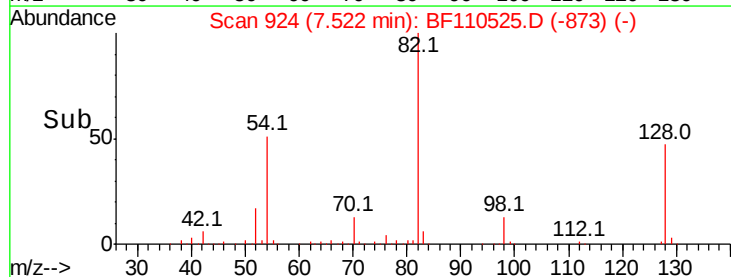


#23
Nitrobenzene-d5
Concen: 71.002 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110525.D
Acq: 6 Nov 2018 19:52

Tgt Ion:	82	Resp:	553302
Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.2	51.2
54	50.7	38.6	58.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF110525.D

Acq: 6 Nov 2018 19:52

Instrument :

BNA_F

ClientSampleId :

PL-05-110518

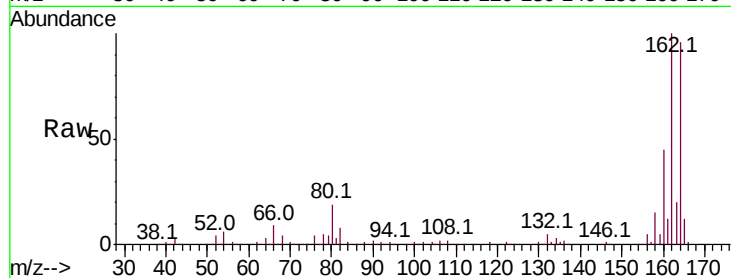
Tot Ion:164 Resp: 219339

Ion Ratio Lower Upper

164 100

162 104.1 83.0 124.6

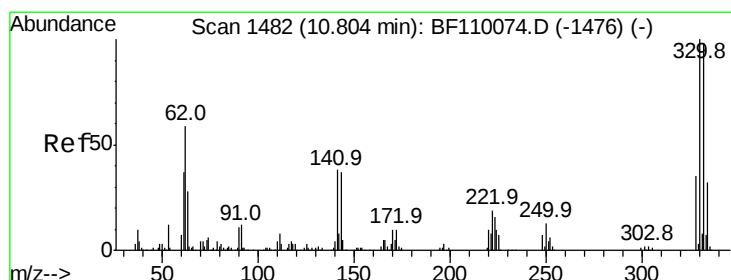
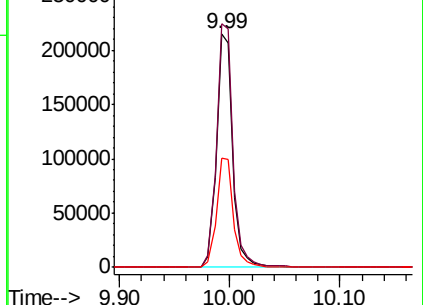
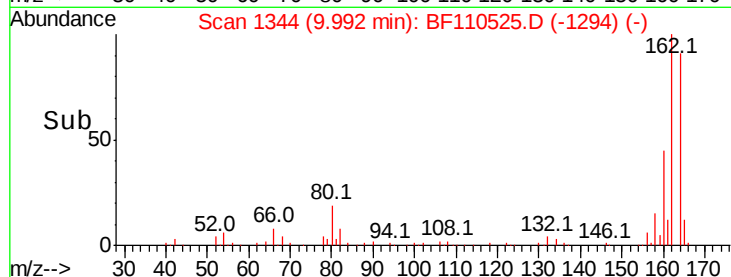
160 46.8 37.0 55.6



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: 88.250 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110525.D

Acq: 6 Nov 2018 19:52

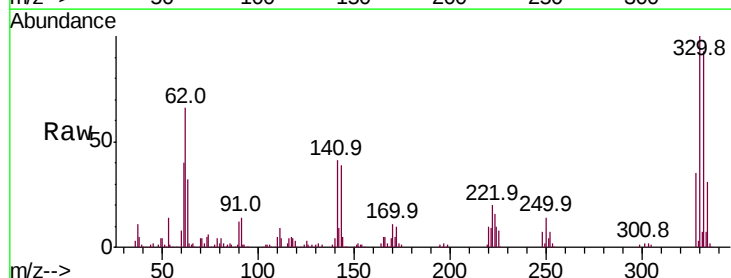
Tgt Ion:330 Resp: 191741

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

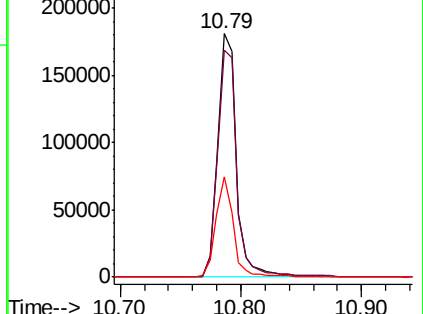
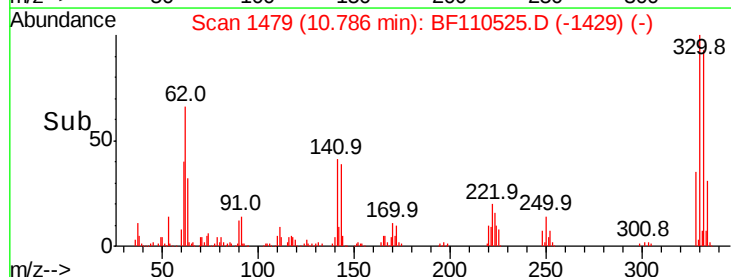
141 38.7 27.0 40.4

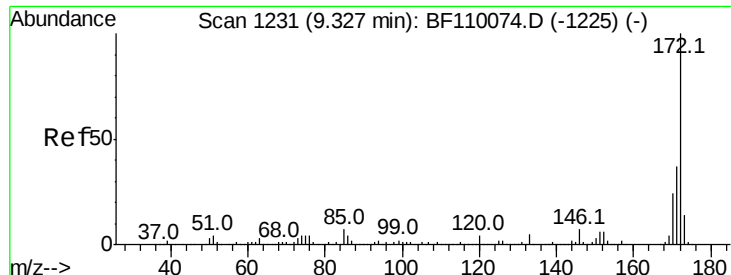


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

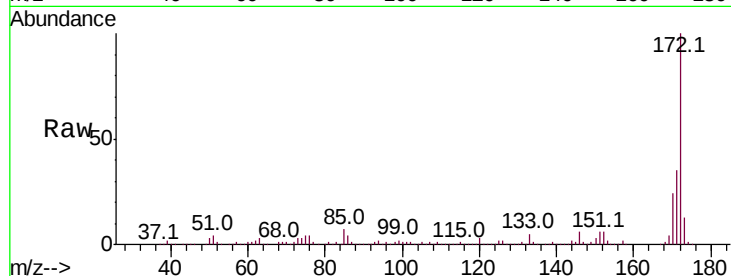




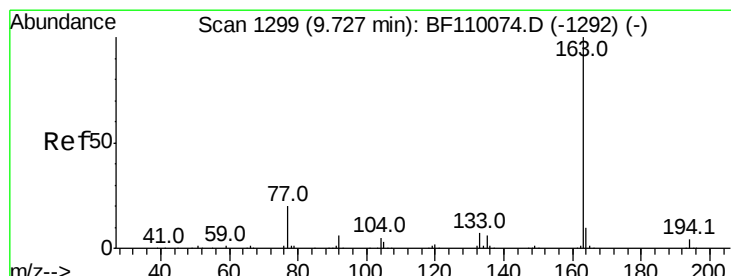
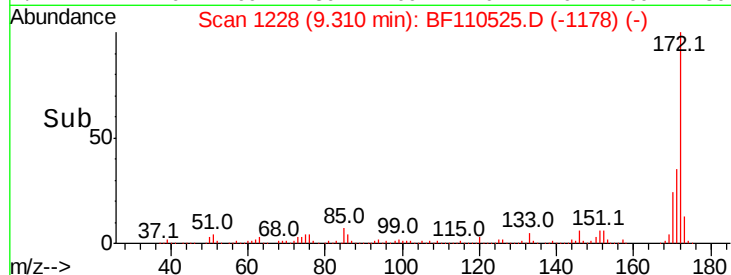
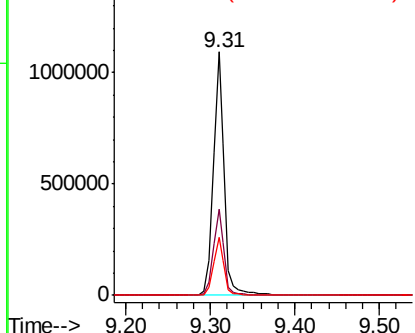
#45
2-Fluorobiphenyl
Concen: 72.317 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110525.D
Acq: 6 Nov 2018 19:52

Instrument :
BNA_F
ClientSampleId :
PL-05-110518

Tot Ion:172 Resp: 1010154
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.7 19.7 29.5

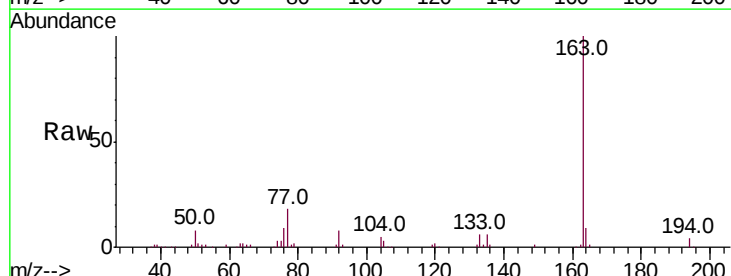


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

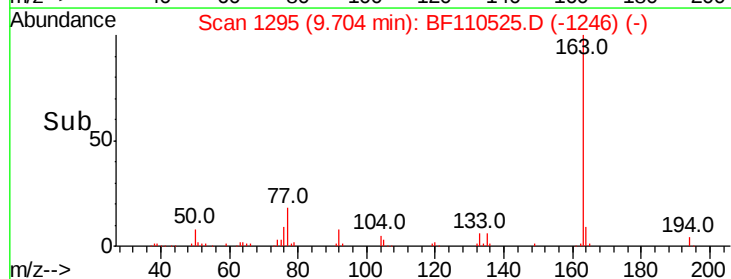
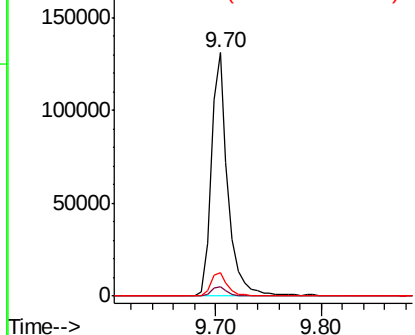


#50
Dimethylphthalate
Concen: 8.910 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110525.D
Acq: 6 Nov 2018 19:52

Tgt Ion:163 Resp: 144265
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.5 8.1 12.1



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110525.D

Acq: 6 Nov 2018 19:52

Instrument :

BNA_F

ClientSampleId :

PL-05-110518

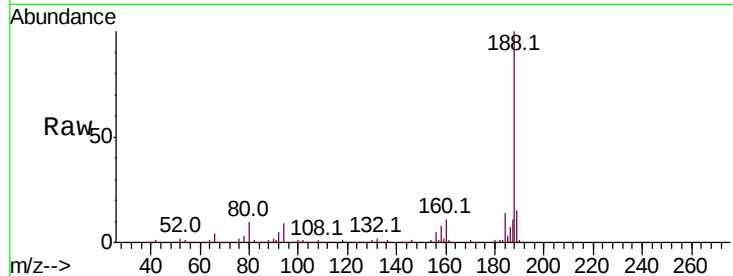
Tot Ion:188 Resp: 358208

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

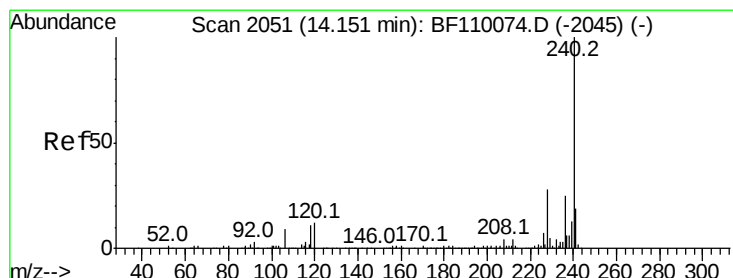
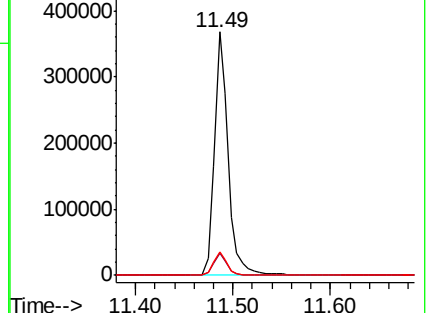
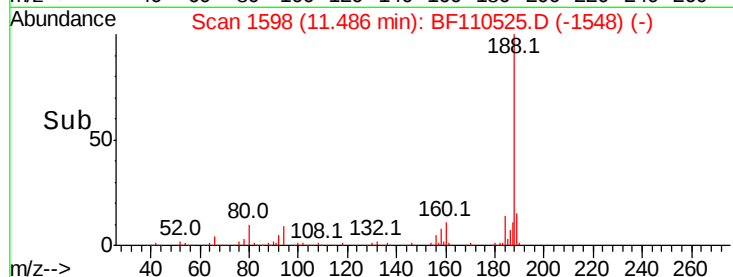
80 9.7 7.9 11.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110525.D

Acq: 6 Nov 2018 19:52

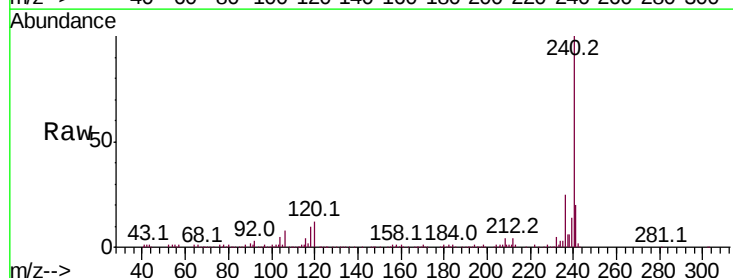
Tgt Ion:240 Resp: 214864

Ion Ratio Lower Upper

240 100

120 11.7 8.3 12.5

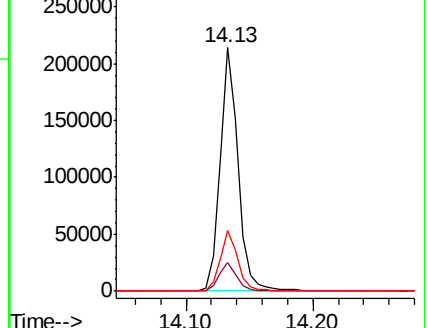
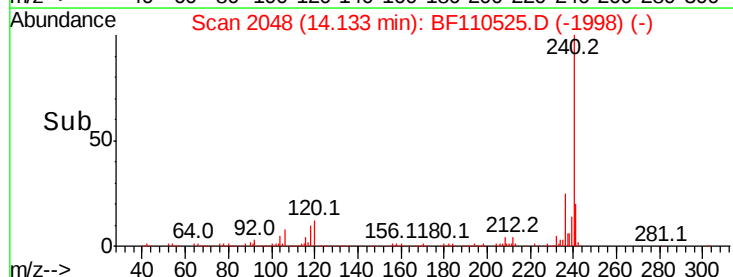
236 24.9 21.2 31.8



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





#79

Terphenyl-d14

Concen: 64.137 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110525.D

Acq: 6 Nov 2018 19:52

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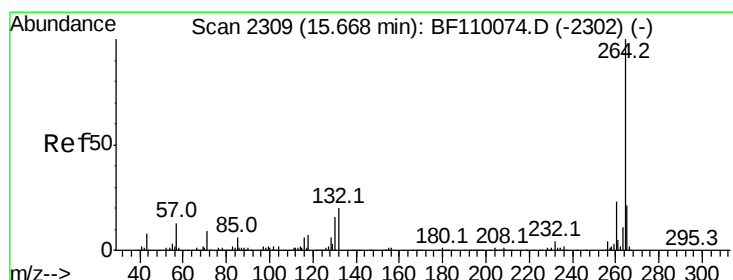
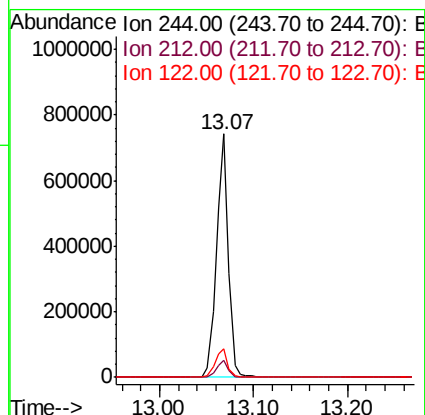
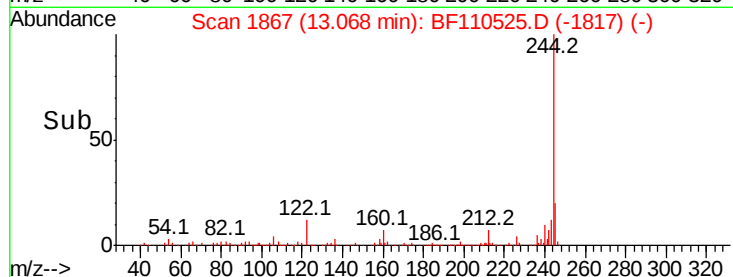
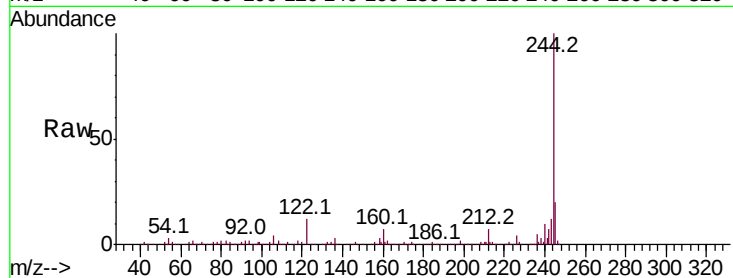
Tot Ion:244 Resp: 662624

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 11.5 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110525.D

Acq: 6 Nov 2018 19:52

Tgt Ion:264 Resp: 203461

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.6 16.7 25.1

