

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110449.D
 Acq On : 3 Nov 2018 9:25
 Operator : JU/SJ
 Sample : J5789-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 103118-TIPC-E-D-M

Quant Time: Nov 05 04:03:18 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

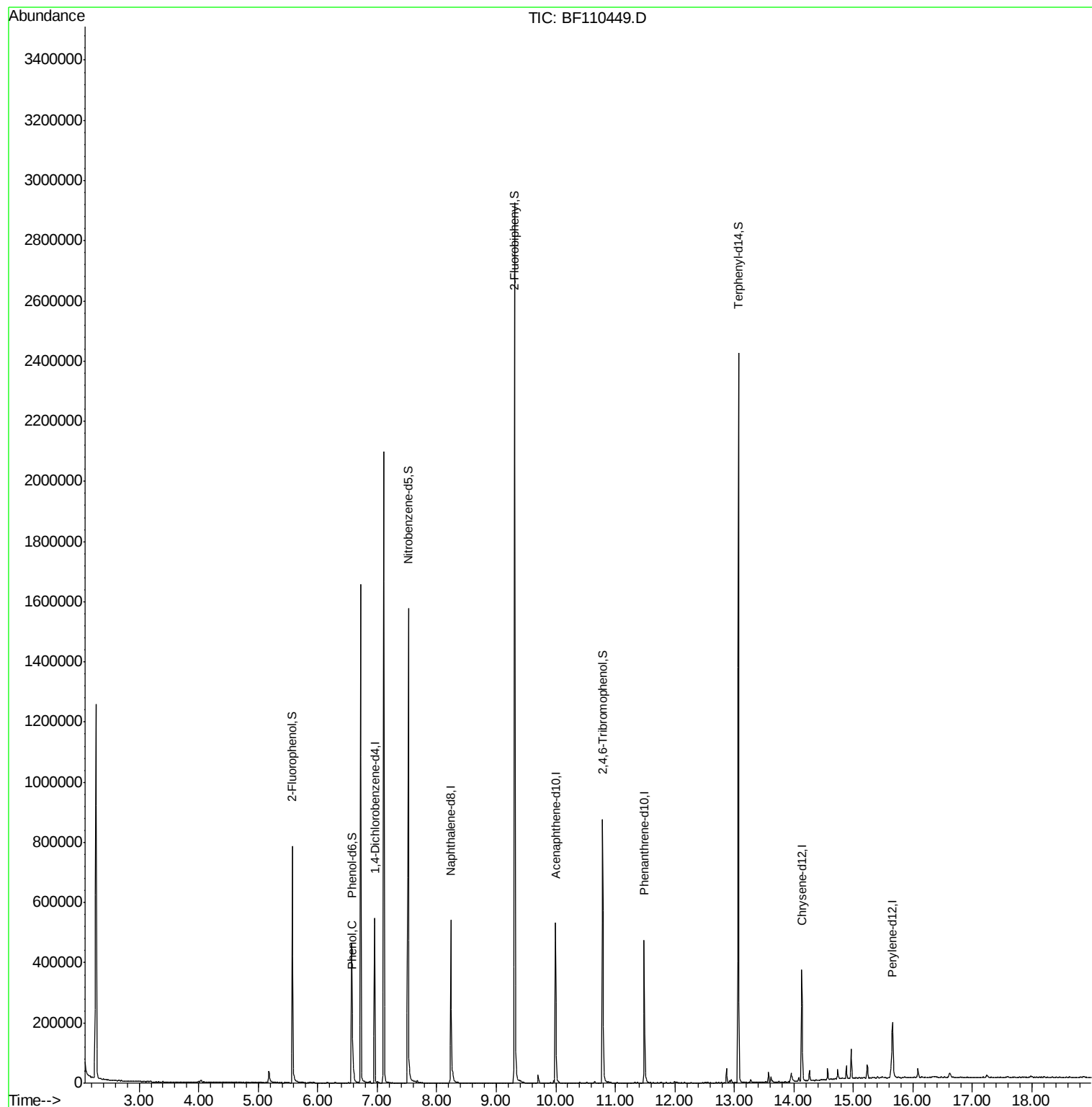
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	85186	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	310001	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	125659	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	216588	20.00	ng	0.00
76) Chrysene-d12	14.13	240	146472	20.00	ng	0.00
87) Perylene-d12	15.66	264	103520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	215822	41.26	ng	0.00
7) Phenol-d6	6.57	99	164989	24.66	ng	0.00
23) Nitrobenzene-d5	7.52	82	558947	106.94	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	110050	88.41	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	937333	117.13	ng	0.00
79) Terphenyl-d14	13.07	244	835421	118.62	ng	0.00
Target Compounds						
10) Phenol	6.59	94	29254	4.090	ng	Qvalue # 67

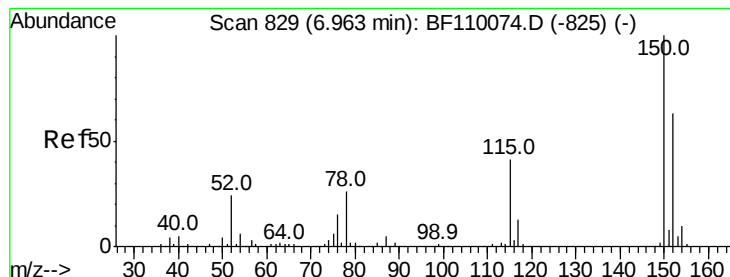
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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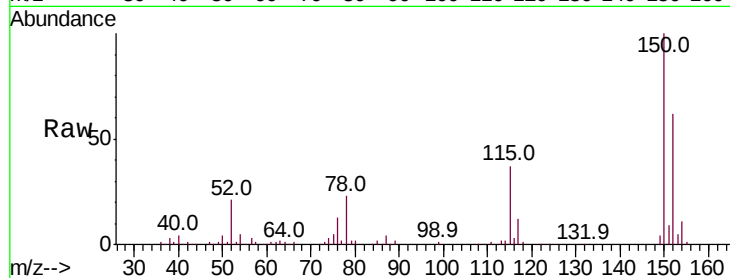


#1

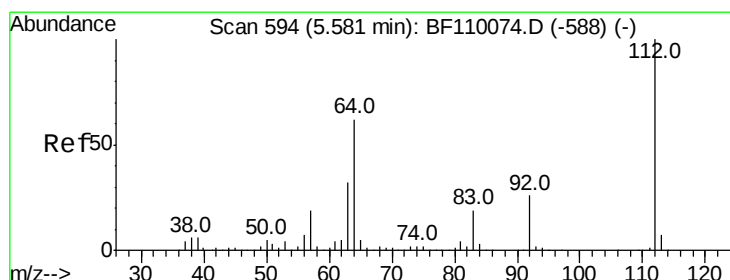
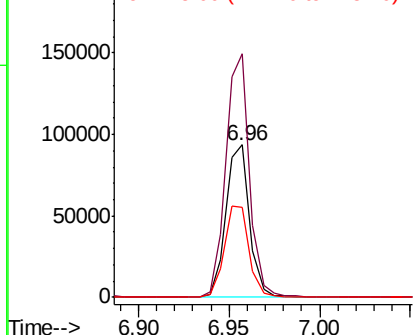
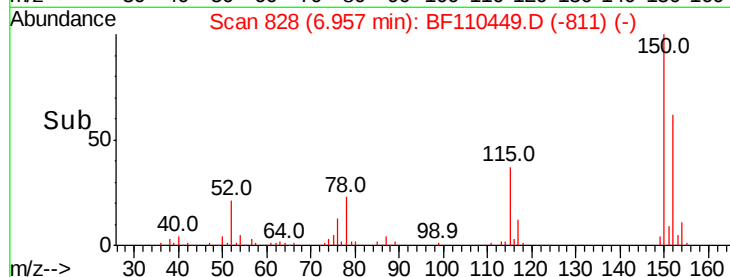
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF110449.D
 Acq: 3 Nov 2018 9:25

Instrument :
 BNA_F
 ClientSampleId :
 103118-TIPC-E-D-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	122.7	184.1
115	59.3	49.1	73.7



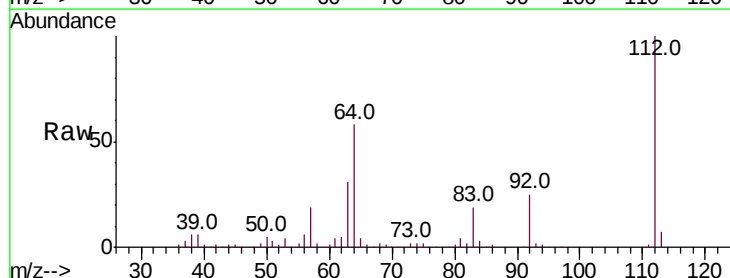
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



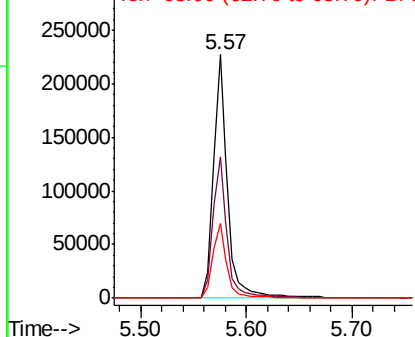
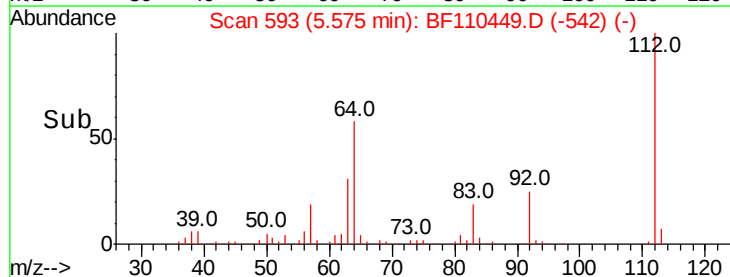
#5

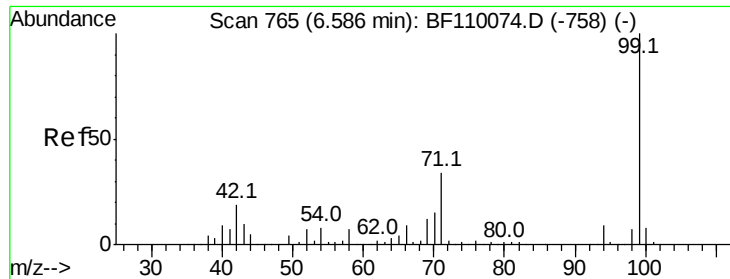
2-Fluorophenol
 Concen: 41.257 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF110449.D
 Acq: 3 Nov 2018 9:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	44.1	66.1
63	30.7	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: 24.658 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110449.D

Acq: 3 Nov 2018 9:25

Instrument :

BNA_F

ClientSampleId :

103118-TIPC-E-D-M

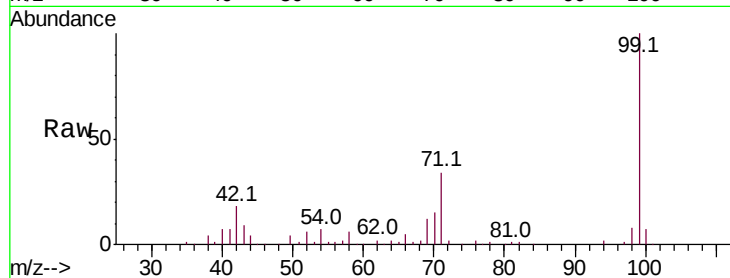
Tot Ion: 99 Resp: 164989

Ion Ratio Lower Upper

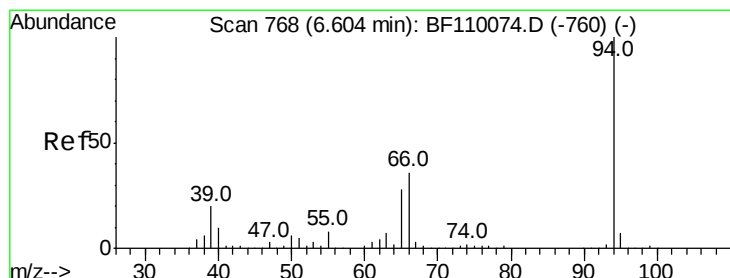
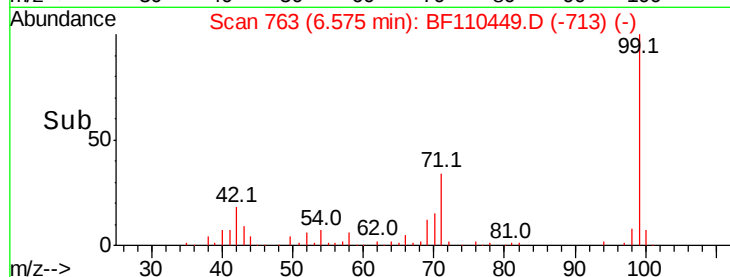
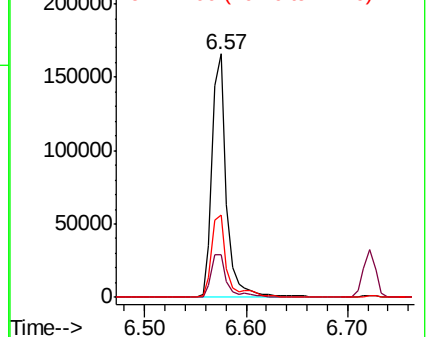
99 100

42 17.8 15.8 23.6

71 33.7 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: 4.090 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110449.D

Acq: 3 Nov 2018 9:25

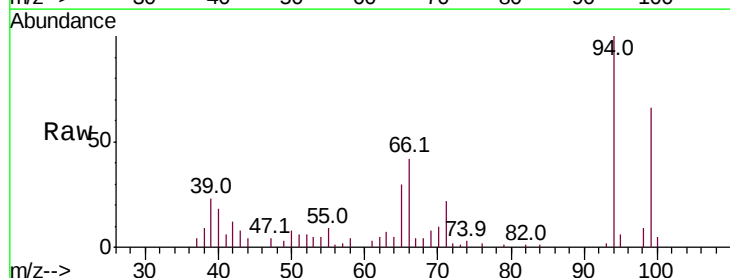
Tgt Ion: 94 Resp: 29254

Ion Ratio Lower Upper

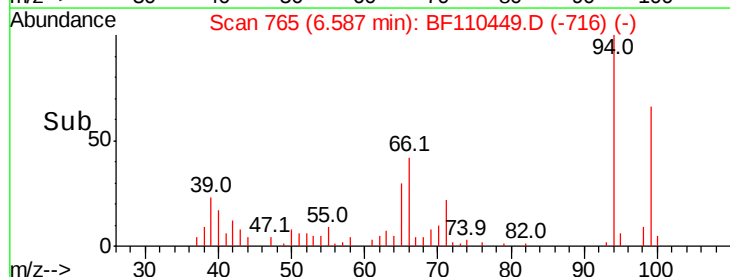
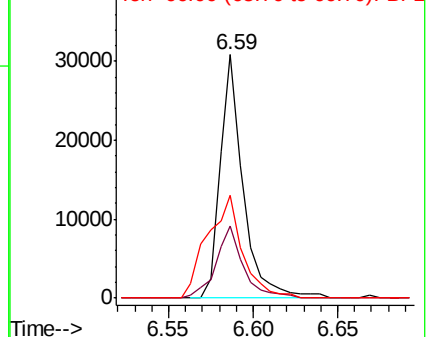
94 100

65 29.5 25.3 65.3

66 42.2 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

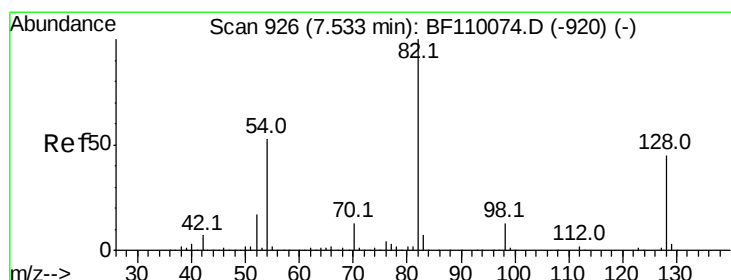
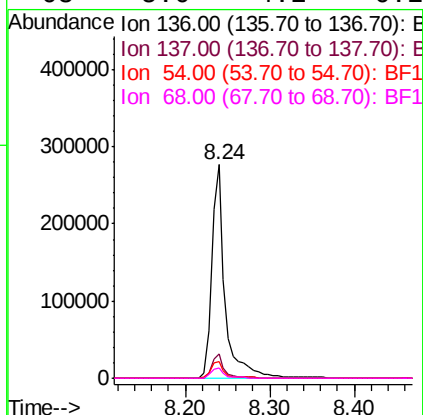
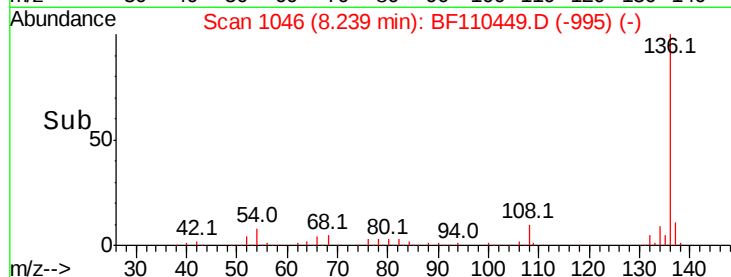
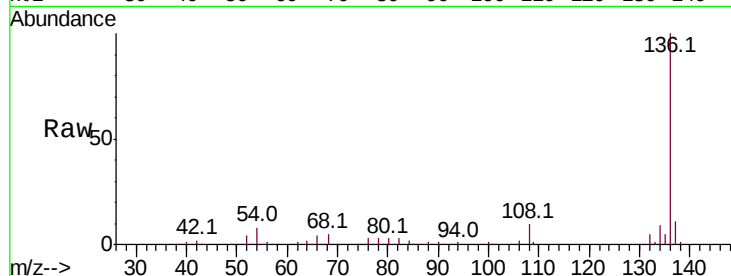




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110449.D
Acq: 3 Nov 2018 9:25

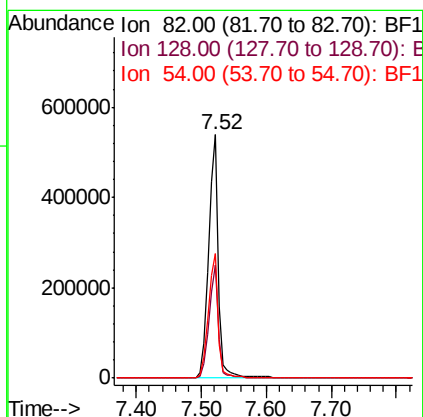
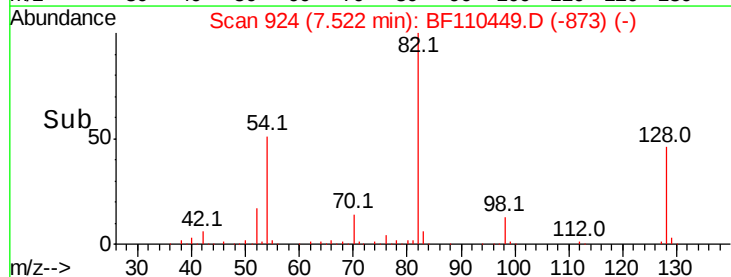
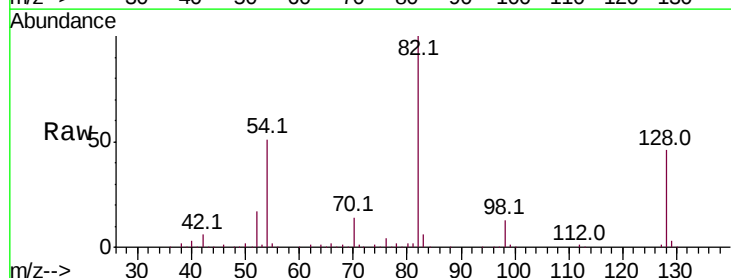
Instrument :
BNA_F
ClientSampleId :
103118-TIPC-E-D-M

Tot Ion:	136	Resp:	310001
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.9	5.4	8.2
68	5.0	4.2	6.2



#23
Nitrobenzene-d5
Concen: 106.945 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110449.D
Acq: 3 Nov 2018 9:25

Tgt Ion:	82	Resp:	558947
Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.2	51.2
54	51.4	38.6	58.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110449.D

Acq: 3 Nov 2018 9:25

Instrument :

BNA_F

ClientSampleId :

103118-TIPC-E-D-M

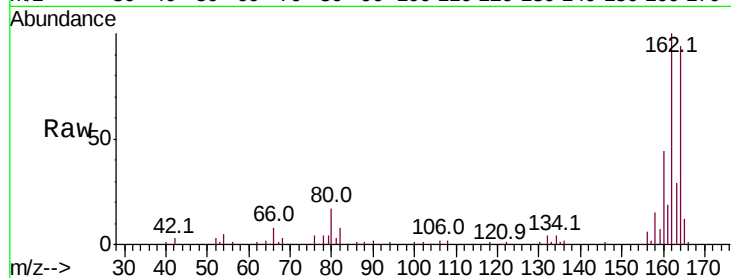
Tot Ion:164 Resp: 125659

Ion Ratio Lower Upper

164 100

162 106.8 83.0 124.6

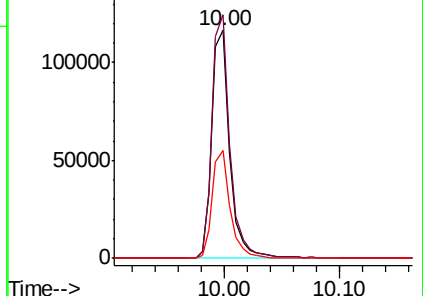
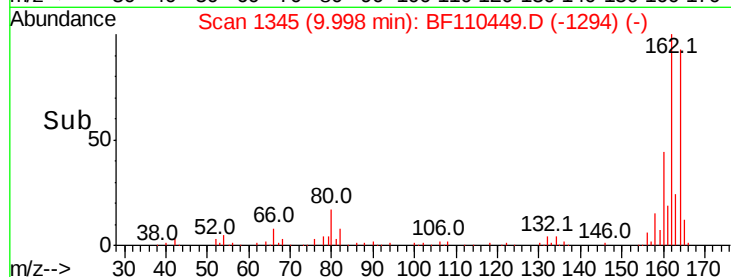
160 47.4 37.0 55.6



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: 88.412 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110449.D

Acq: 3 Nov 2018 9:25

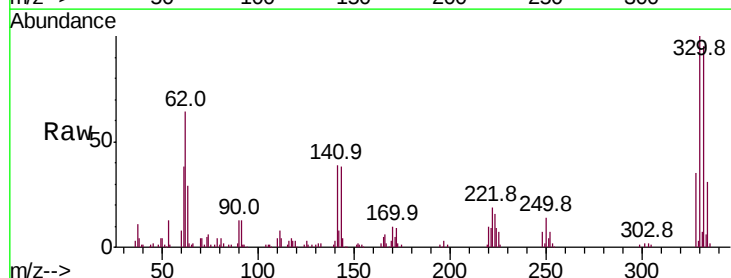
Tgt Ion:330 Resp: 110050

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

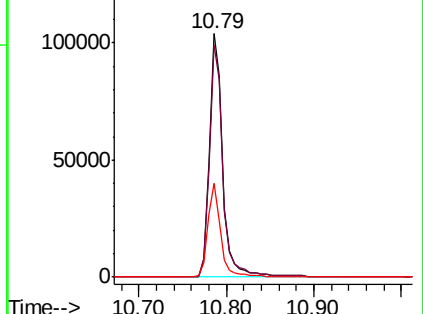
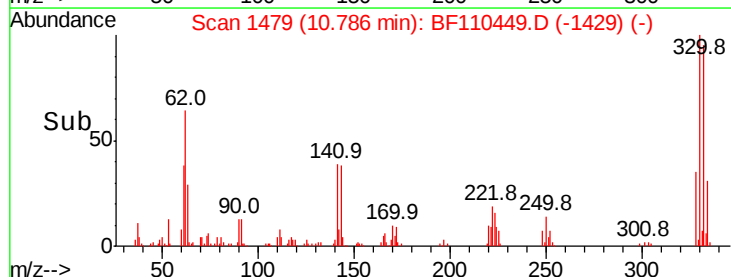
141 37.3 27.0 40.4

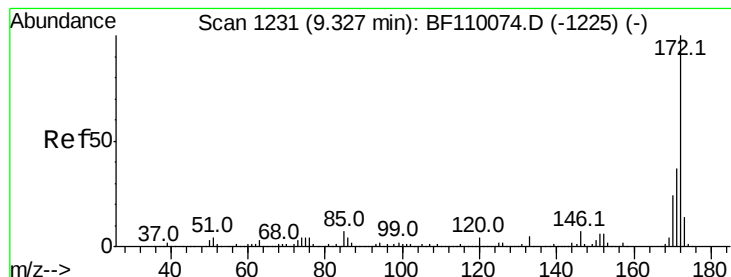


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 117.131 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110449.D

Acq: 3 Nov 2018 9:25

Instrument :

BNA_F

ClientSampleId :

103118-TIPC-E-D-M

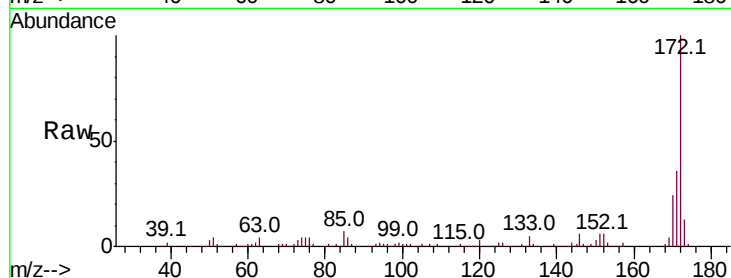
Tot Ion:172 Resp: 937333

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

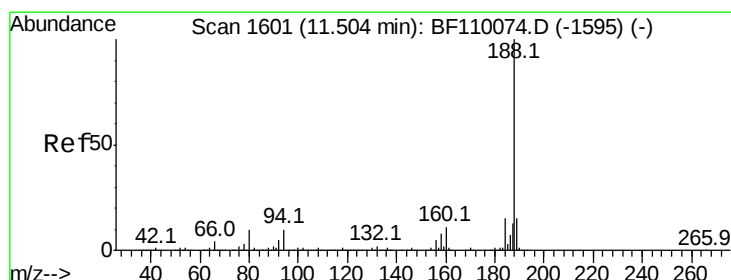
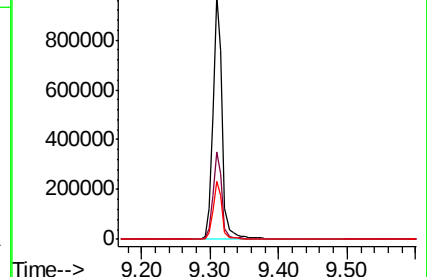
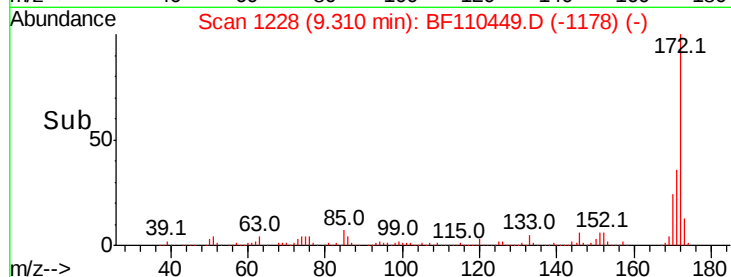
170 23.6 19.7 29.5



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110449.D

Acq: 3 Nov 2018 9:25

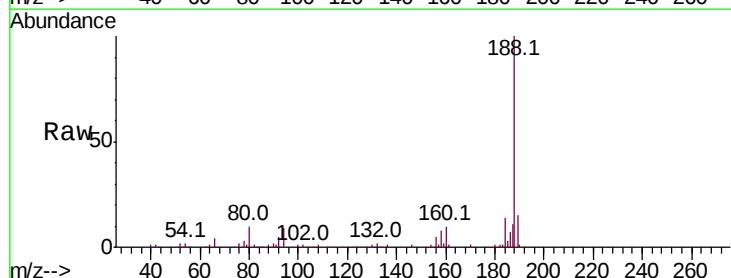
Tgt Ion:188 Resp: 216588

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

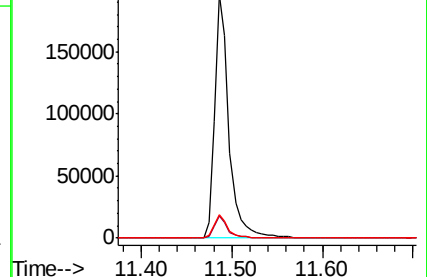
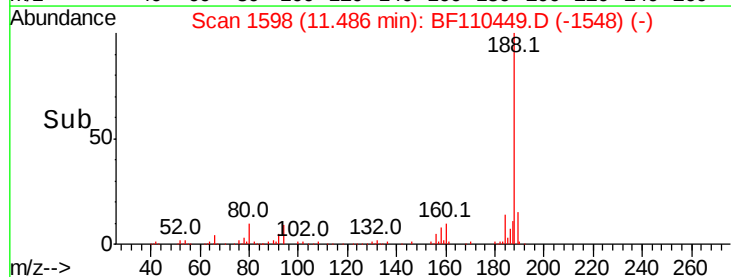
80 9.8 7.9 11.9

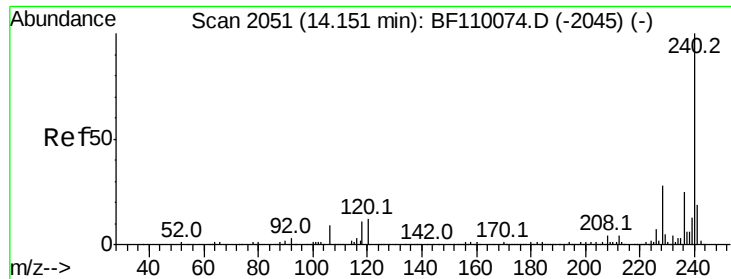


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

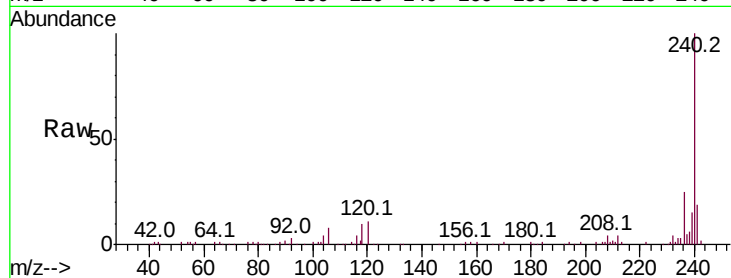




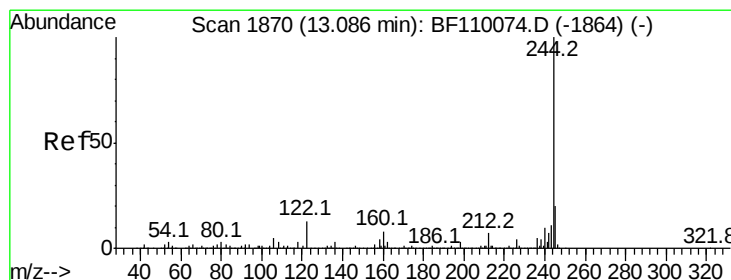
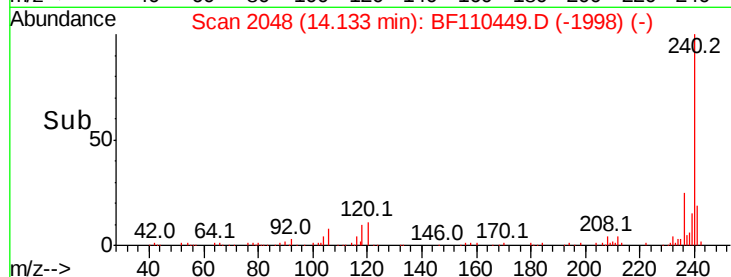
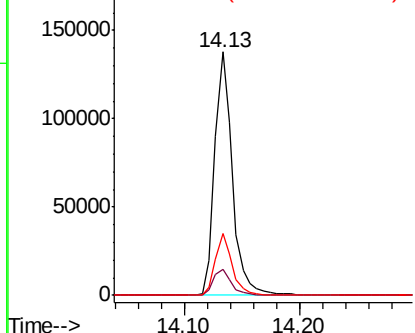
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110449.D
 Acq: 3 Nov 2018 9:25

Instrument :
 BNA_F
 ClientSampleId :
 103118-TIPC-E-D-M

Tot Ion:240 Resp: 146472
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.3 12.5
 236 25.2 21.2 31.8

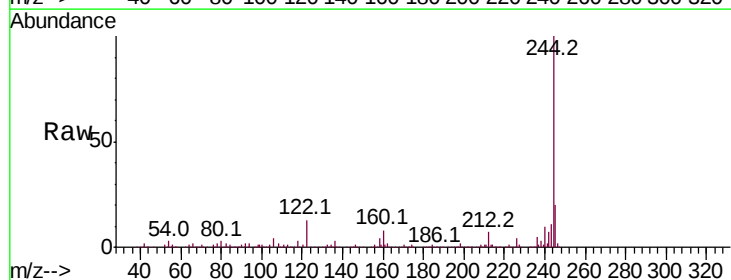


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

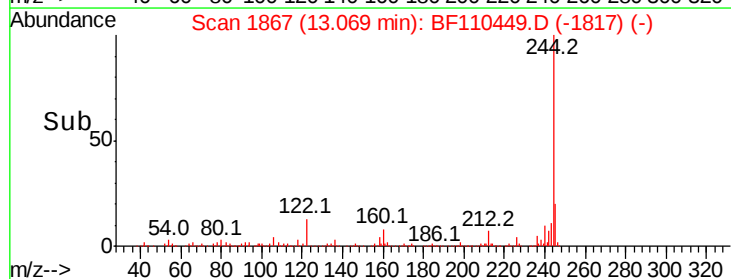
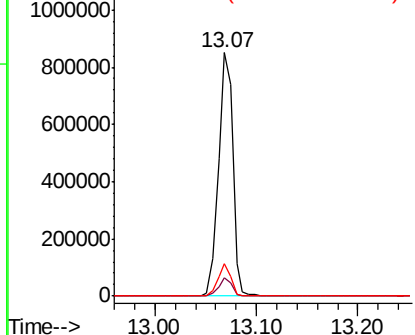


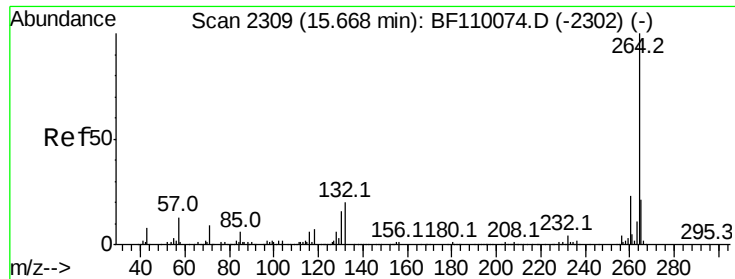
#79
 Terphenyl-d14
 Concen: 118.619 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110449.D
 Acq: 3 Nov 2018 9:25

Tgt Ion:244 Resp: 835421
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 13.4 8.7 13.1#



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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110449.D
Acq: 3 Nov 2018 9:25

Instrument :
BNA_F
ClientSampleId :
103118-TIPC-E-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.4	16.7	25.1

