

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110499.D
 Acq On : 6 Nov 2018 7:37
 Operator : JU/SJ
 Sample : J5810-11
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110218-TIPC-E-D-S

Quant Time: Nov 06 09:56:04 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

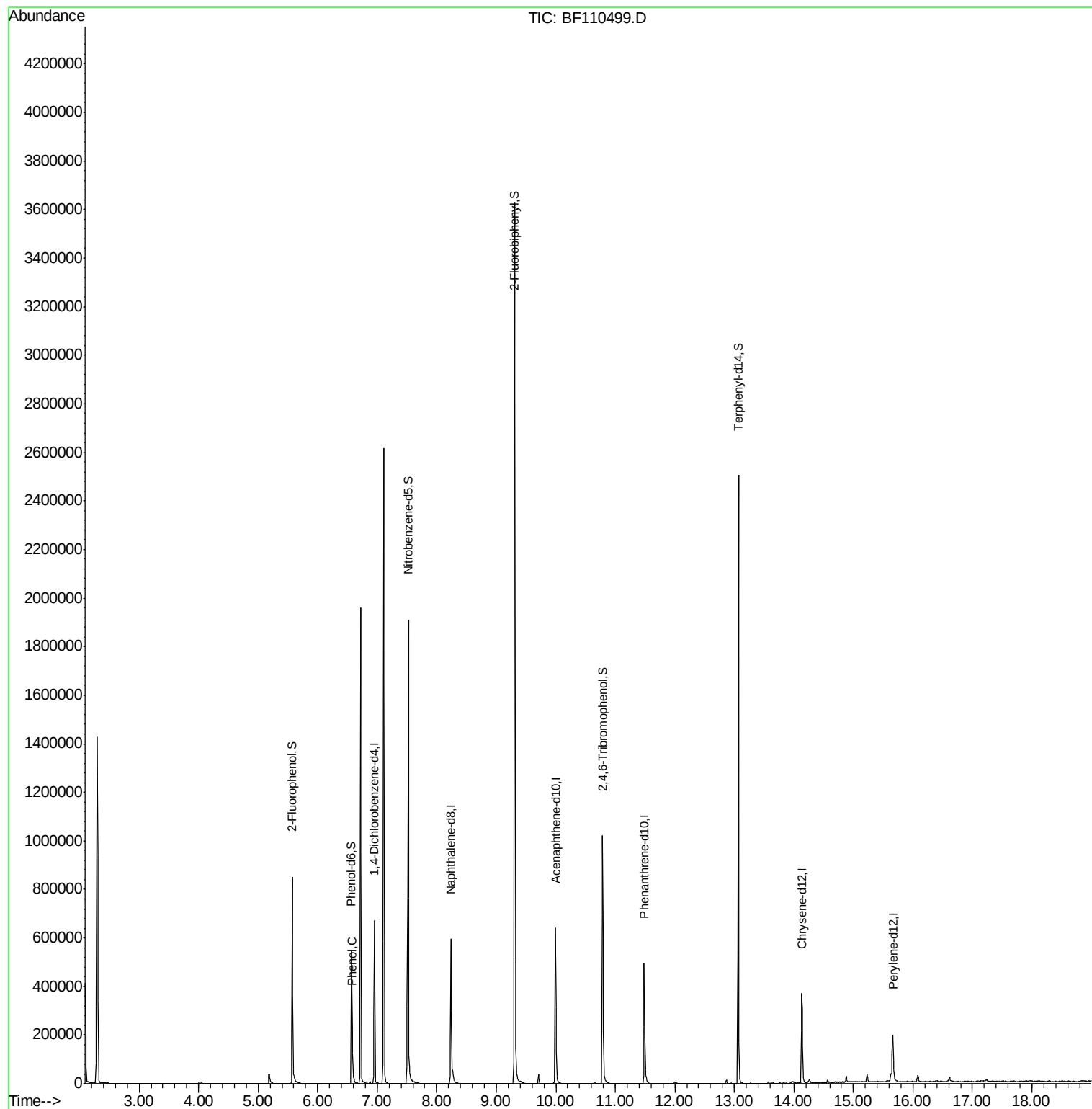
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	97174	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	382828	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	161813	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	243330	20.00	ng	0.00
76) Chrysene-d12	14.13	240	163629	20.00	ng	0.00
87) Perylene-d12	15.66	264	126291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	257487	43.15	ng	0.00
7) Phenol-d6	6.57	99	204443	26.79	ng	-0.01
23) Nitrobenzene-d5	7.52	82	689827	106.88	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	132318	82.55	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1224791	118.86	ng	0.00
79) Terphenyl-d14	13.07	244	802873	102.04	ng	0.00
Target Compounds						
10) Phenol	6.59	94	21128	2.590	ng	Qvalue # 70

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

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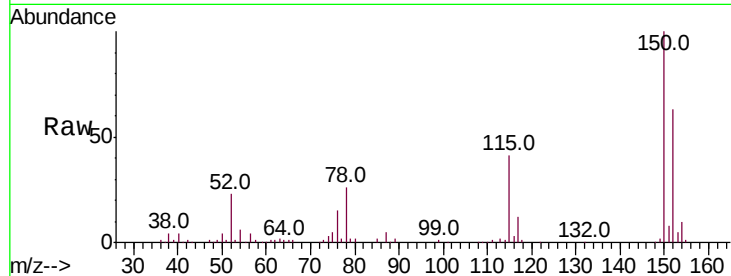


#1

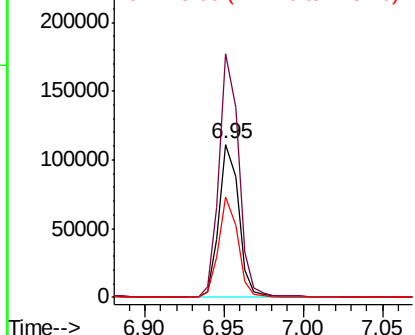
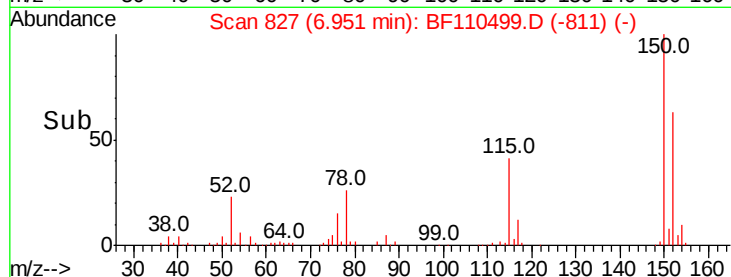
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF110499.D
 Acq: 6 Nov 2018 7:37

Instrument :
 BNA_F
 ClientSampleId :
 110218-TIPC-E-D-S

Tot Ion:152 Resp: 97174
 Ion Ratio Lower Upper
 152 100
 150 158.9 122.7 184.1
 115 65.5 49.1 73.7



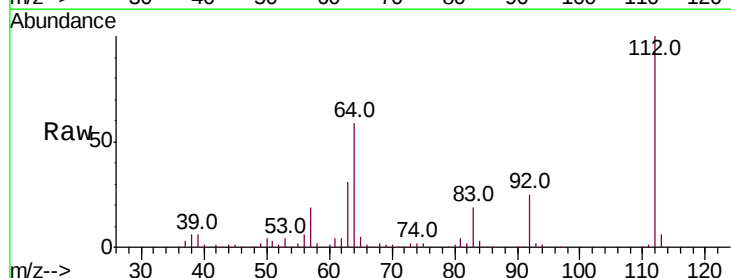
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



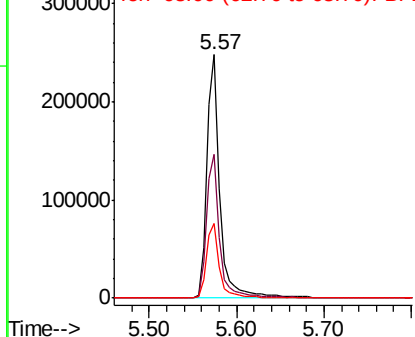
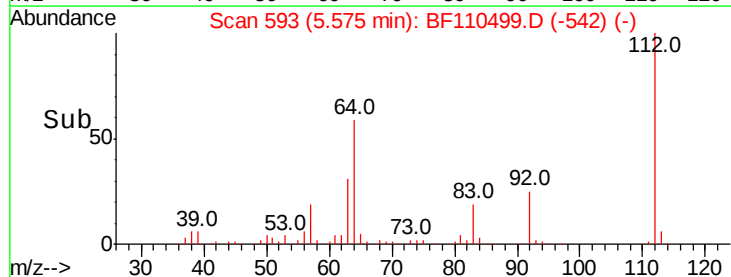
#5

2-Fluorophenol
 Concen: 43.150 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF110499.D
 Acq: 6 Nov 2018 7:37

Tgt Ion:112 Resp: 257487
 Ion Ratio Lower Upper
 112 100
 64 59.1 44.1 66.1
 63 30.6 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: 26.786 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110499.D

Acq: 6 Nov 2018 7:37

Instrument :

BNA_F

ClientSampleId :

110218-TIPC-E-D-S

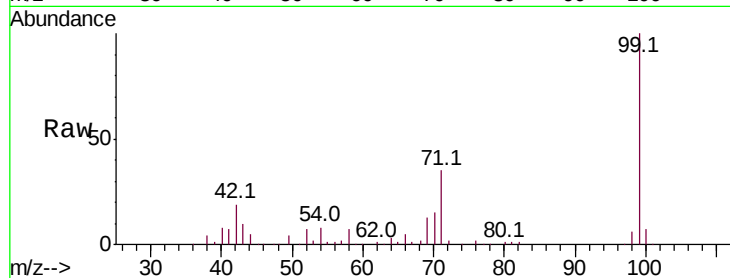
Tot Ion: 99 Resp: 204443

Ion Ratio Lower Upper

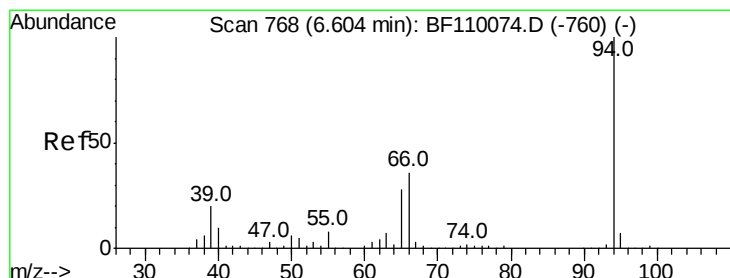
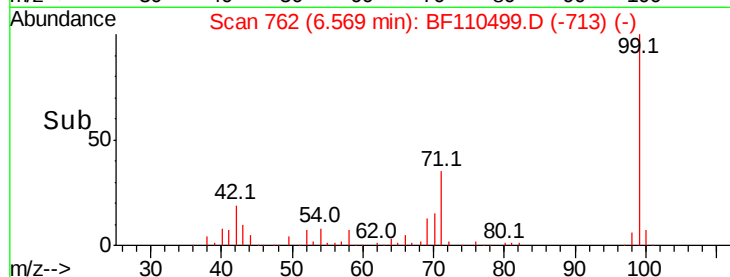
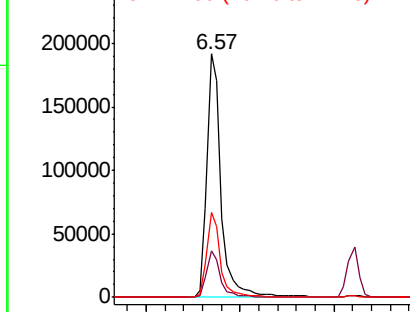
99 100

42 19.2 15.8 23.6

71 35.0 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: 2.590 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110499.D

Acq: 6 Nov 2018 7:37

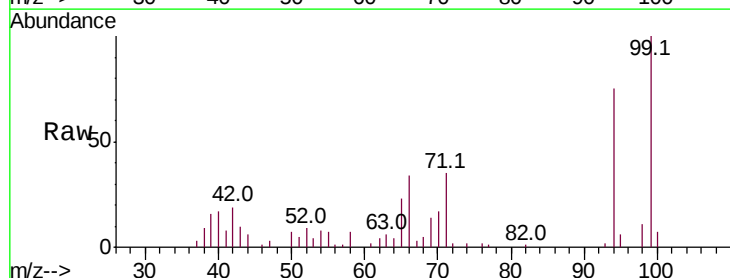
Tgt Ion: 94 Resp: 21128

Ion Ratio Lower Upper

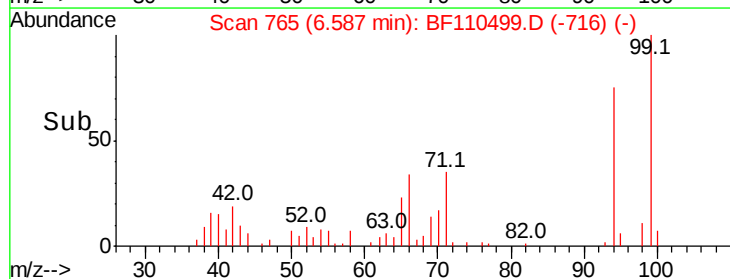
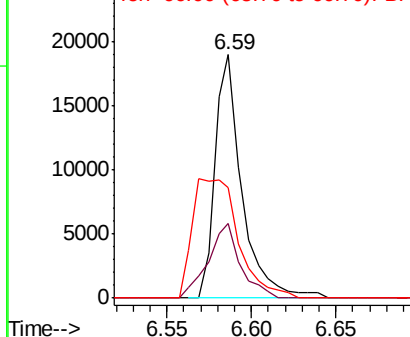
94 100

65 30.4 25.3 65.3

66 45.5 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: BF110499.D

Acq: 6 Nov 2018 7:37

Instrument :

BNA_F

ClientSampleId :

110218-TIPC-E-D-S

Tot Ion:136 Resp: 382828

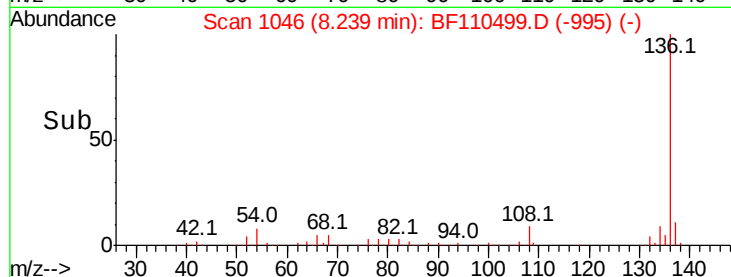
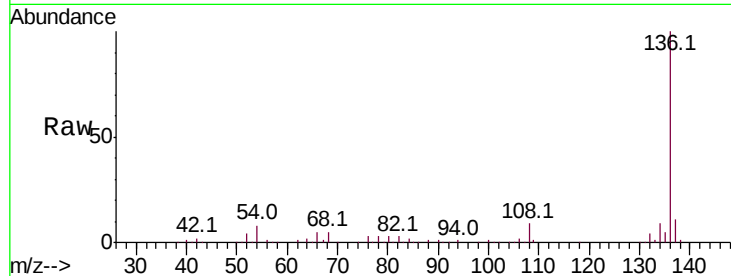
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.6 5.4 8.2

68 4.9 4.2 6.2

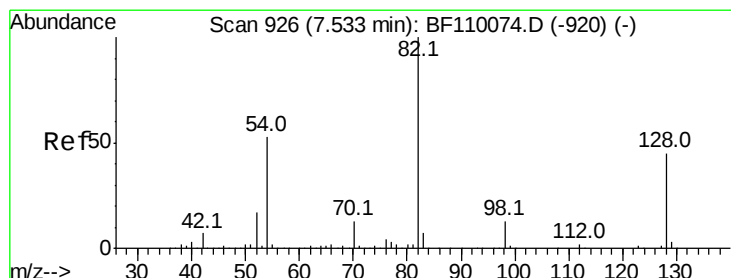
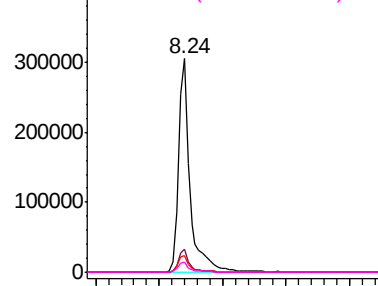


Abundance Ion 136.00 (135.70 to 136.70): E

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: 106.878 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF110499.D

Acq: 6 Nov 2018 7:37

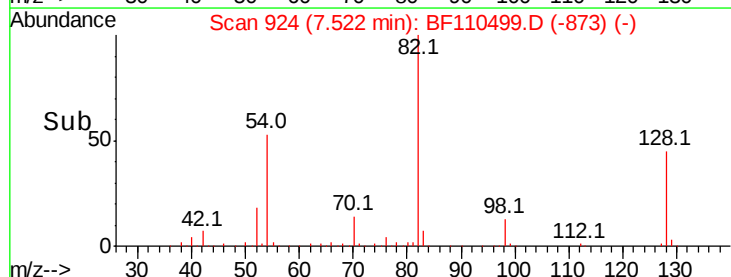
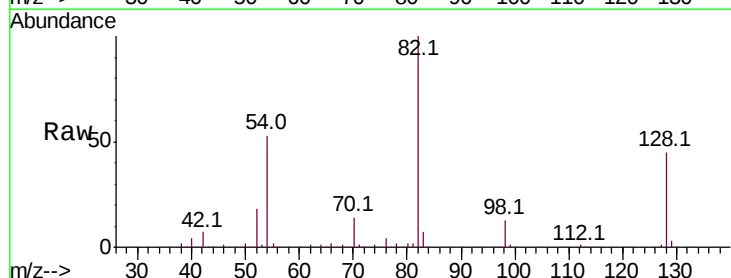
Tgt Ion: 82 Resp: 689827

Ion Ratio Lower Upper

82 100

128 44.6 34.2 51.2

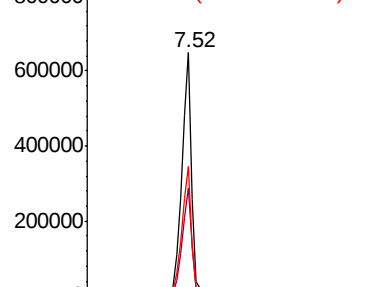
54 53.1 38.6 58.0



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: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110499.D

Acq: 6 Nov 2018 7:37

Instrument :

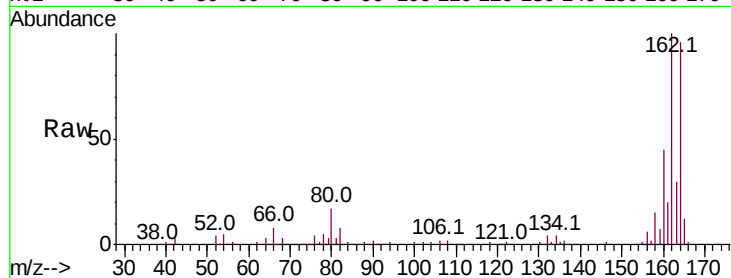
BNA_F

ClientSampleId :

110218-TIPC-E-D-S

Tot Ion:164 Resp: 161813

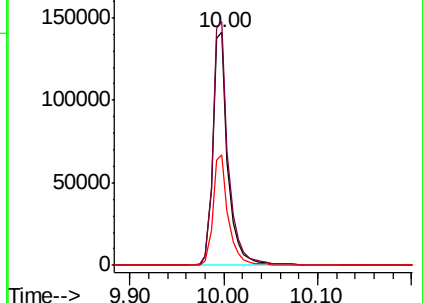
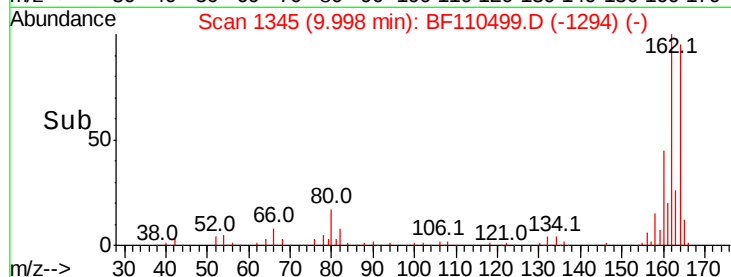
Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.0	124.6
160	47.3	37.0	55.6



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: 82.551 ng

RT: 10.79 min Scan# 1479

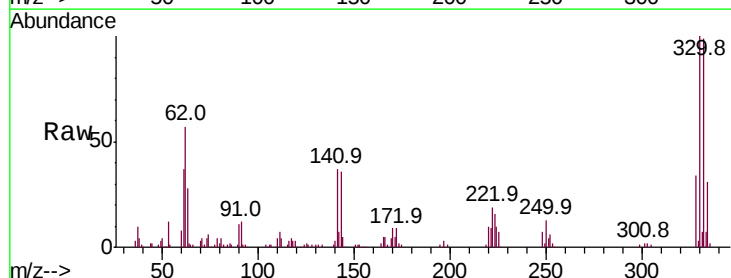
Delta R.T. -0.01 min

Lab File: BF110499.D

Acq: 6 Nov 2018 7:37

Tgt Ion:330 Resp: 132318

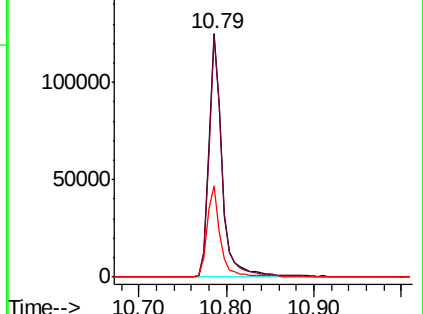
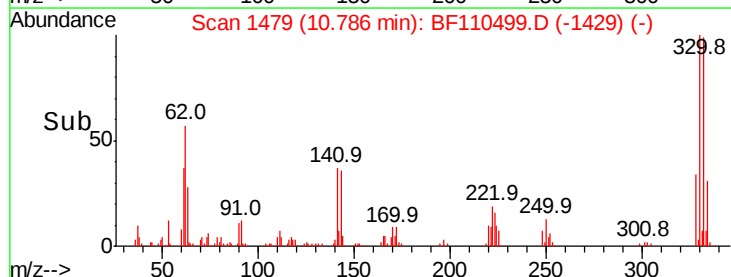
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	37.7	27.0	40.4



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



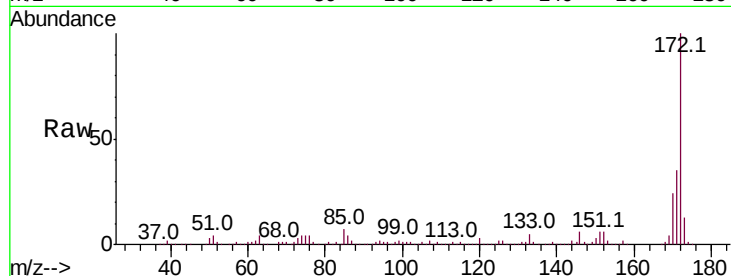


#45
 2-Fluorobiphenyl
 Concen: 118.856 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110499.D
 Acq: 6 Nov 2018 7:37

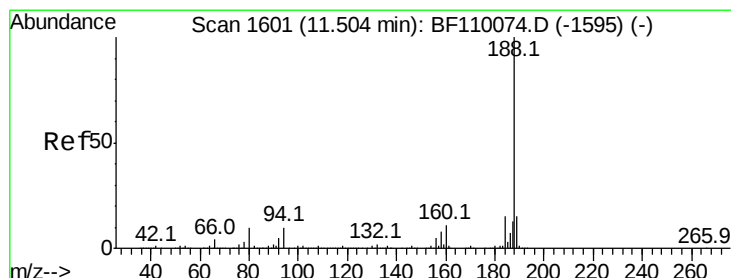
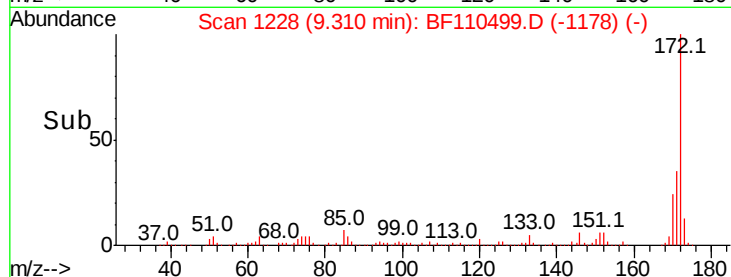
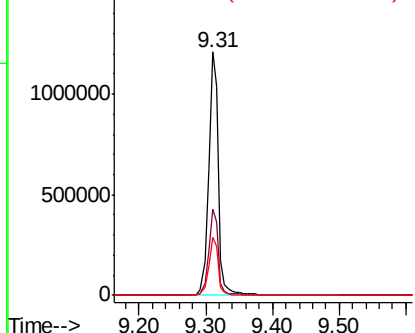
Instrument :
 BNA_F
 ClientSampleId :
 110218-TIPC-E-D-S

Tot Ion:172 Resp: 1224791

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.6	19.7	29.5



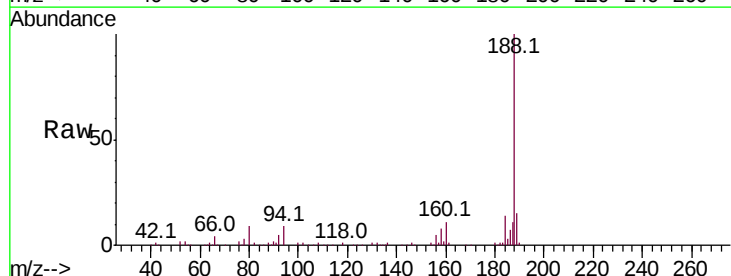
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



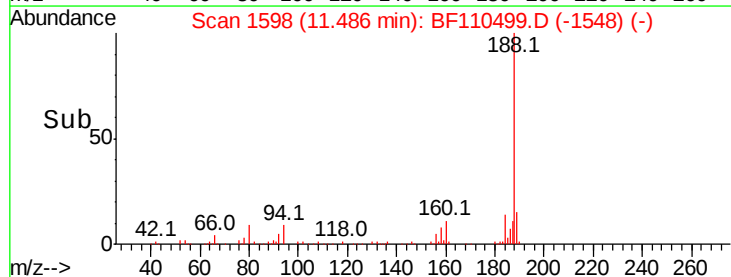
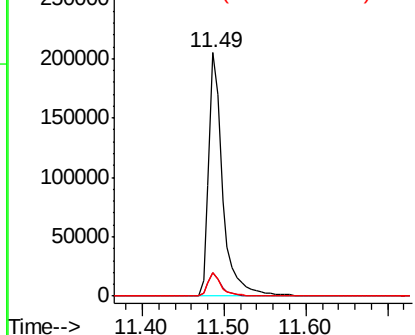
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF110499.D
 Acq: 6 Nov 2018 7:37

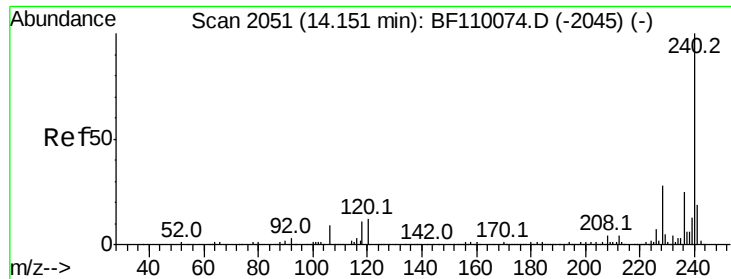
Tgt Ion:188 Resp: 243330

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	9.5	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

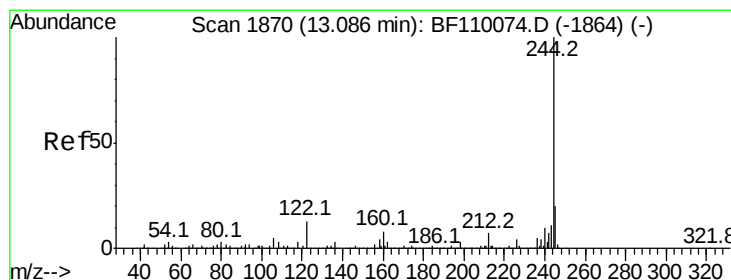
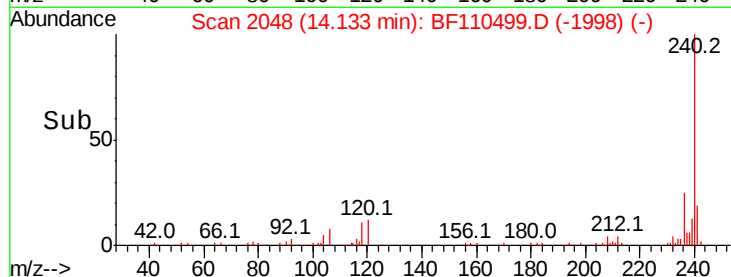
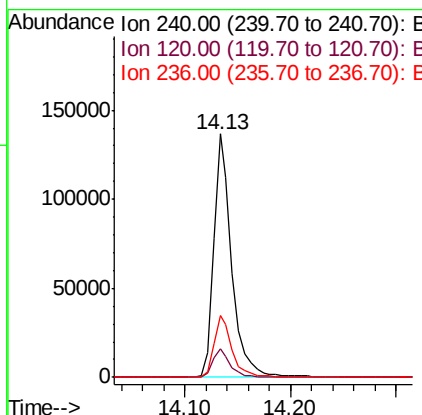
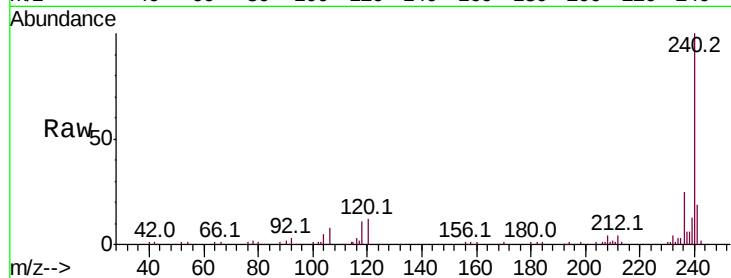




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110499.D
 Acq: 6 Nov 2018 7:37

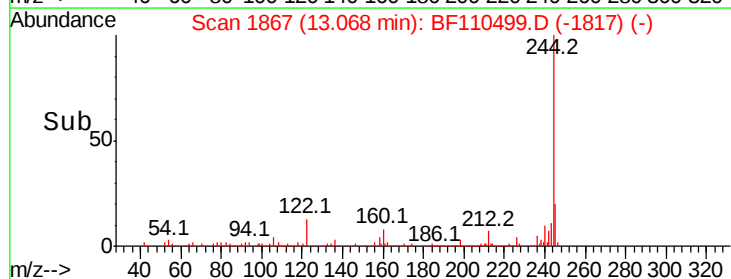
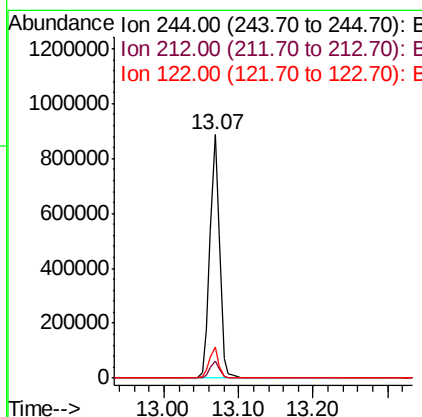
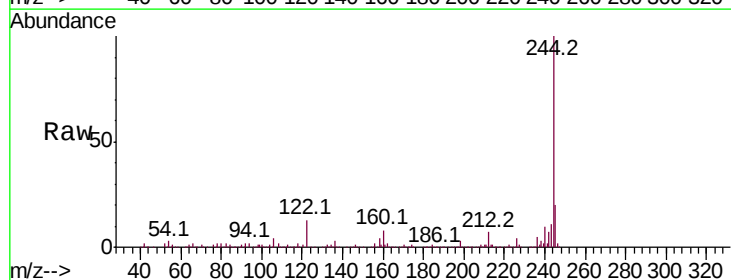
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 BNA_F
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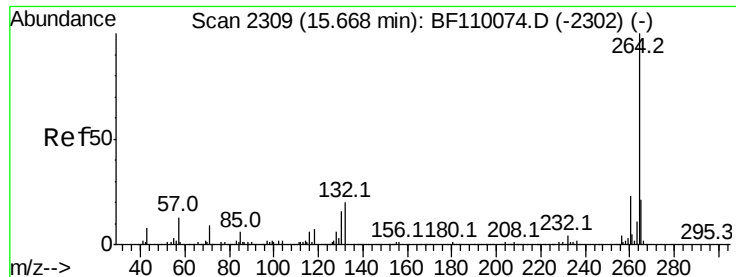
Tot Ion:240 Resp: 163629
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.3 12.5
 236 25.5 21.2 31.8



#79
 Terphenyl-d14
 Concen: 102.044 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110499.D
 Acq: 6 Nov 2018 7:37

Tgt Ion:244 Resp: 802873
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 12.8 8.7 13.1

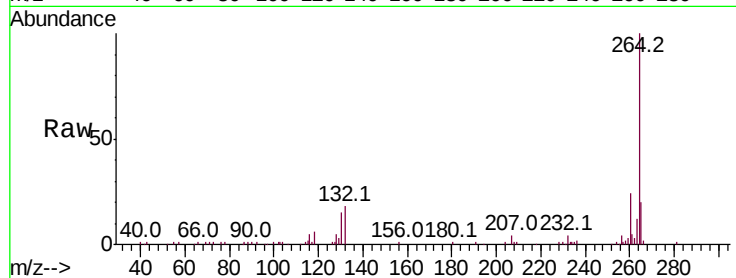




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110499.D
Acq: 6 Nov 2018 7:37

Instrument :
BNA_F
ClientSampleId :
110218-TIPC-E-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	19.8	16.7	25.1



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

