

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104495.D
 Acq On : 13 Apr 2018 22:42
 Operator : JU/SJ
 Sample : PB108218BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108218BL

Quant Time: Apr 16 12:54:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	126000	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	483126	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	200583	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	300835	20.00	ng	0.00
75) Chrysene-d12	13.98	240	234769	20.00	ng	-0.01
86) Perylene-d12	15.45	264	174598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	535055	64.93	ng	0.01
7) Phenol-d6	6.45	99	639293	63.14	ng	0.00
23) Nitrobenzene-d5	7.37	82	383642	51.85	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	111227	53.46	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	707464	55.72	ng	0.00
78) Terphenyl-d14	12.93	244	516976	50.20	ng	0.00

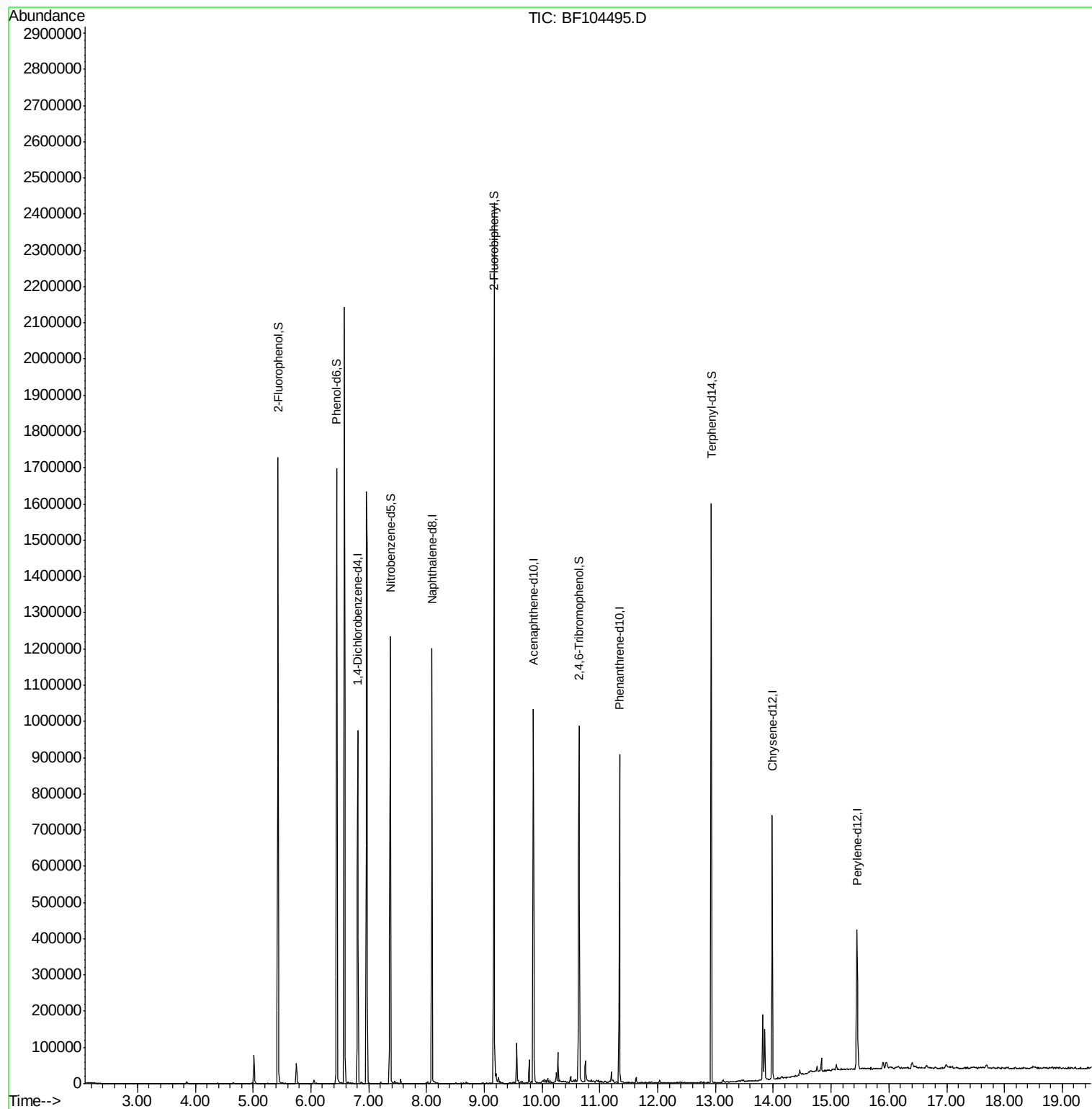
Target Compounds Qvalue

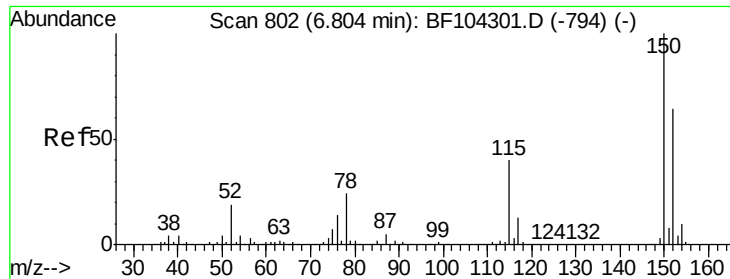
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF104495.D

Acq: 13 Apr 2018 22:42

Instrument :

BNA_F

ClientSampleId :

PB108218BL

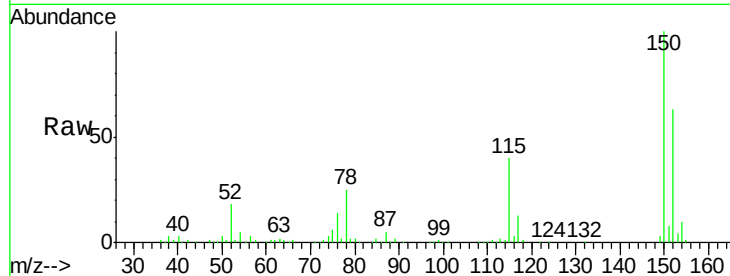
Tot Ion:152 Resp: 126000

Ion Ratio Lower Upper

152 100

150 158.0 124.6 186.8

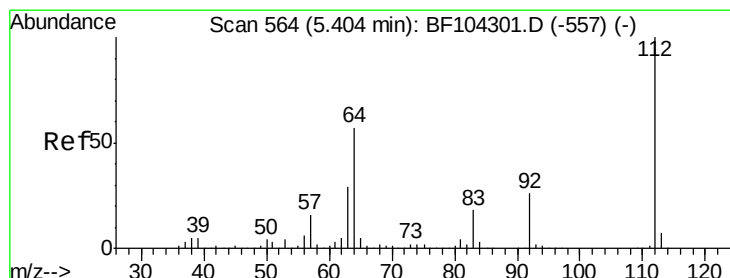
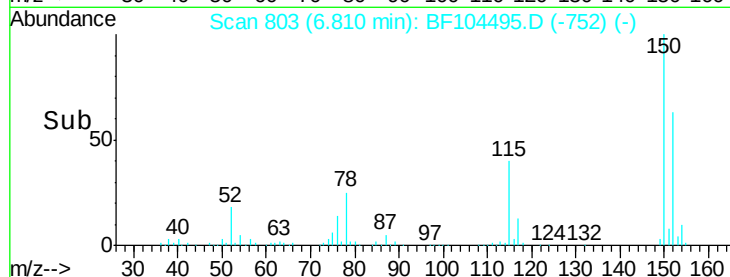
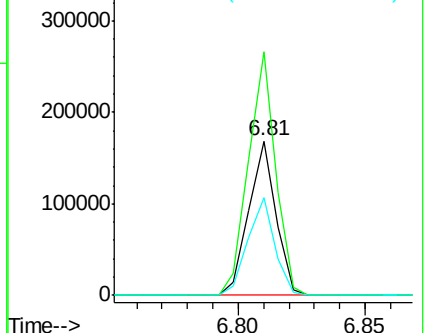
115 63.2 50.1 75.1



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: 64.931 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF104495.D

Acq: 13 Apr 2018 22:42

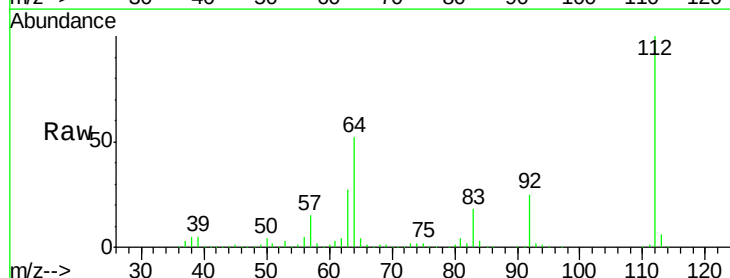
Tgt Ion:112 Resp: 535055

Ion Ratio Lower Upper

112 100

64 52.0 47.9 71.9

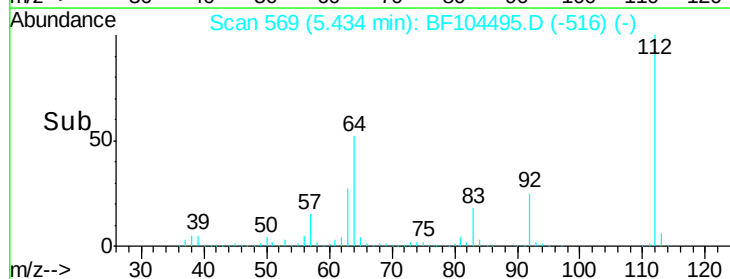
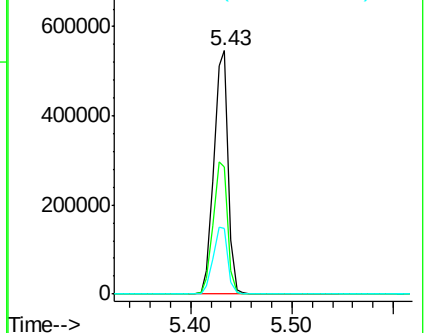
63 26.7 23.7 35.5

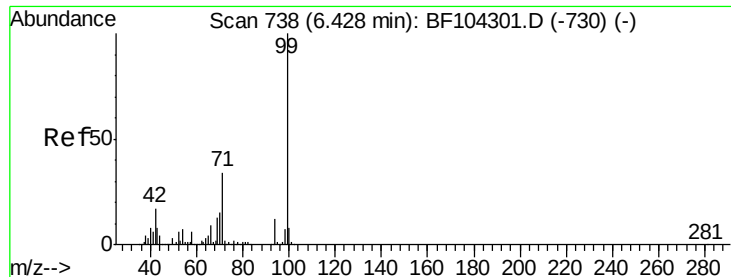


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 63.142 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104495.D

Acq: 13 Apr 2018 22:42

Instrument :

BNA_F

ClientSampleId :

PB108218BL

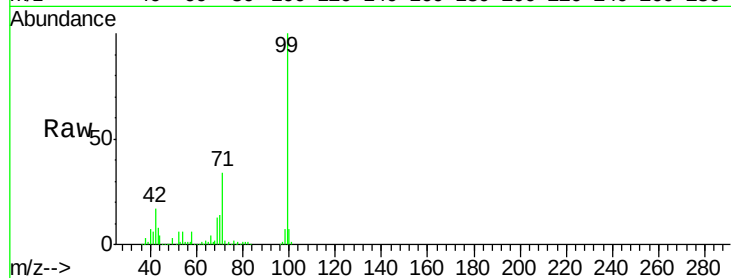
Tot Ion: 99 Resp: 639293

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

71 34.0 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

6.45

800000

600000

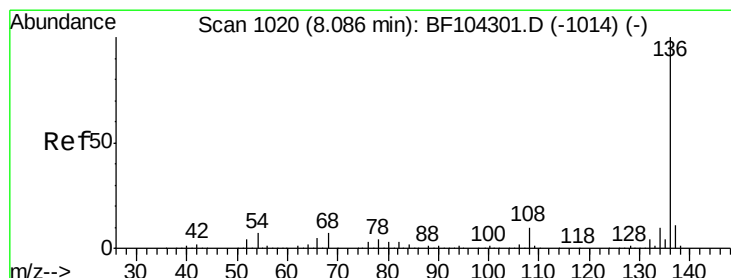
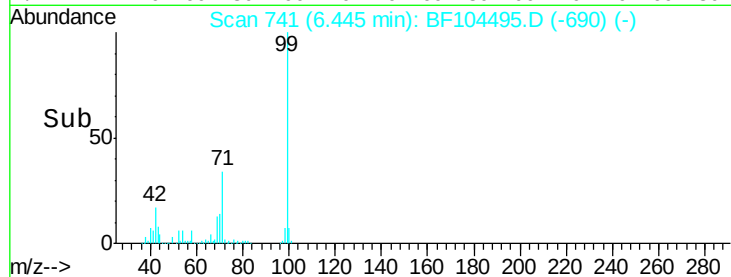
400000

200000

0

6.40 6.50 6.60

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF104495.D

Acq: 13 Apr 2018 22:42

Tgt Ion: 136 Resp: 483126

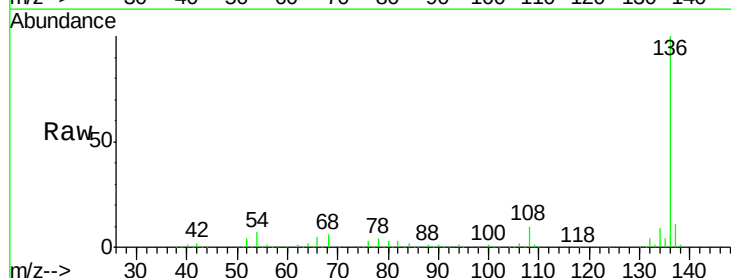
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.9 6.6 9.8

68 5.8 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

8.09

800000

600000

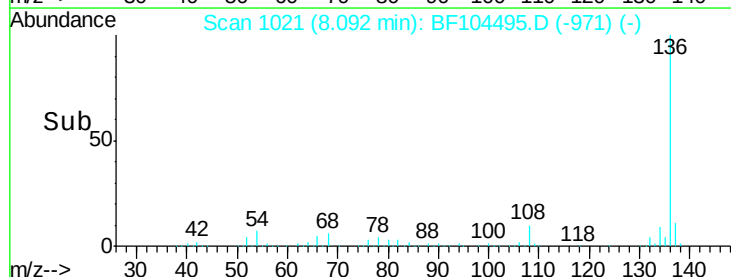
400000

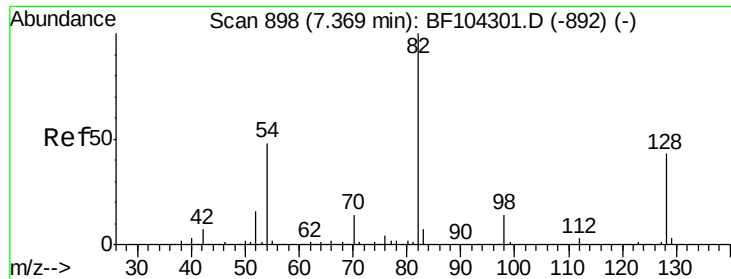
200000

0

8.05 8.10 8.15 8.20

Time-->

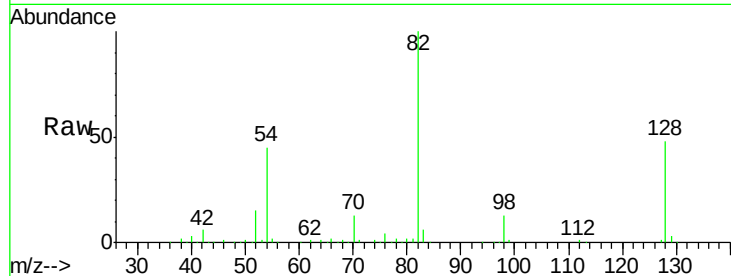




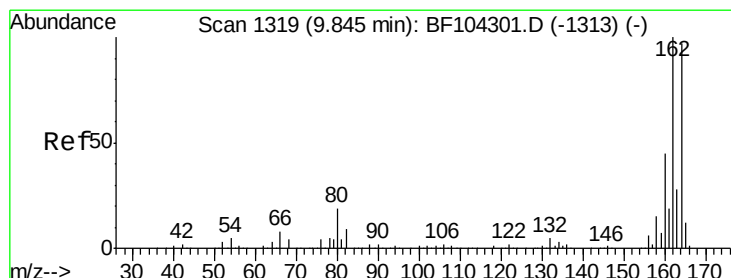
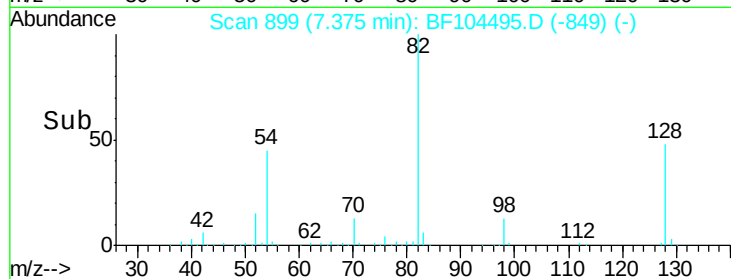
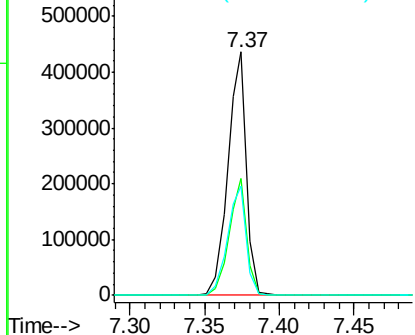
#23
 Nitrobenzene-d5
 Concen: 51.852 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104495.D
 Acq: 13 Apr 2018 22:42

Instrument :
 BNA_F
 ClientSampleId :
 PB108218BL

Tot Ion	82	Resp	383642
Ion Ratio	100	Lower	Upper
128	47.8	36.1	54.1
54	45.0	41.4	62.2

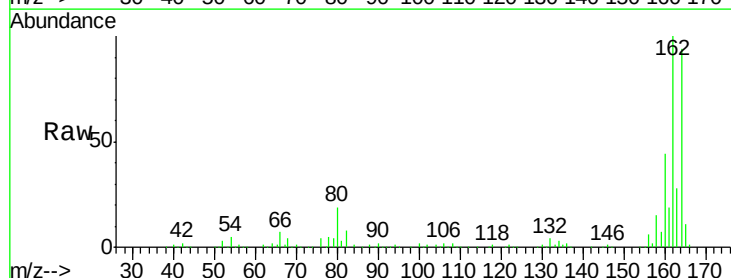


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

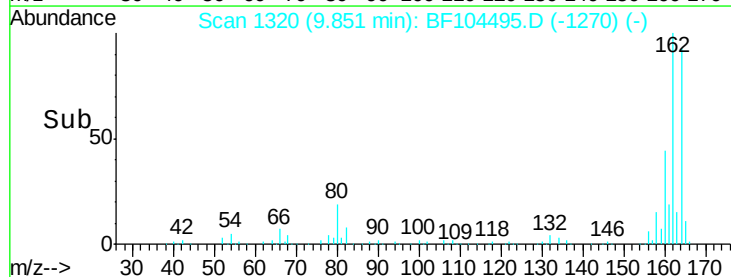
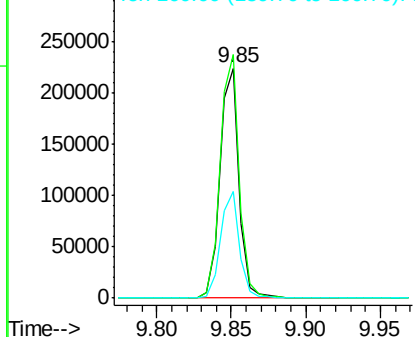


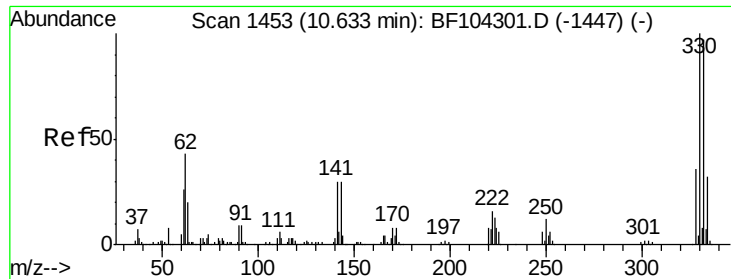
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF104495.D
 Acq: 13 Apr 2018 22:42

Tgt Ion	164	Resp	200583
Ion Ratio	100	Lower	Upper
162	105.9	86.1	129.1
160	46.6	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

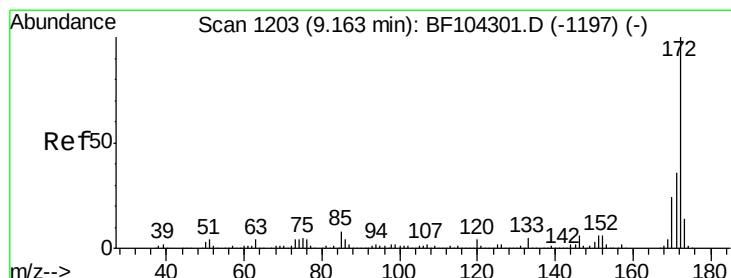
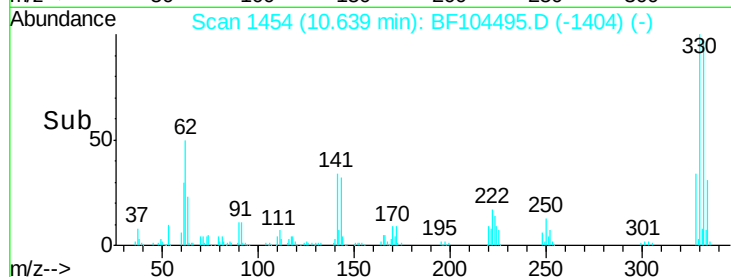
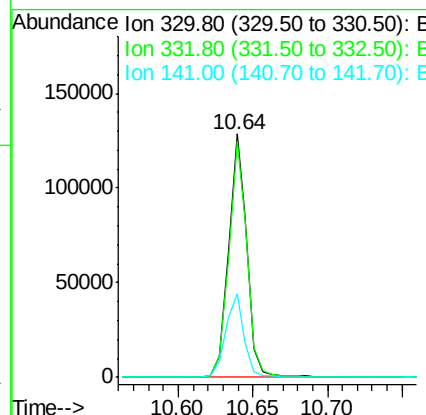
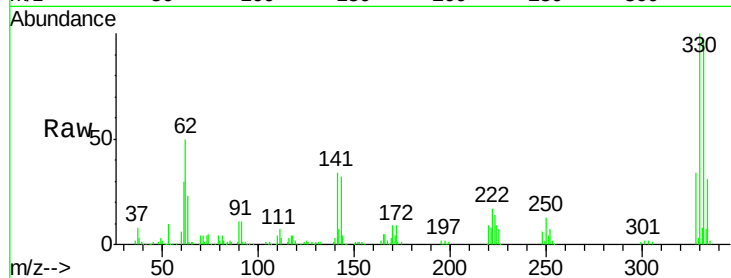




#41
 2,4,6-Tribromophenol
 Concen: 53.456 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104495.D
 Acq: 13 Apr 2018 22:42

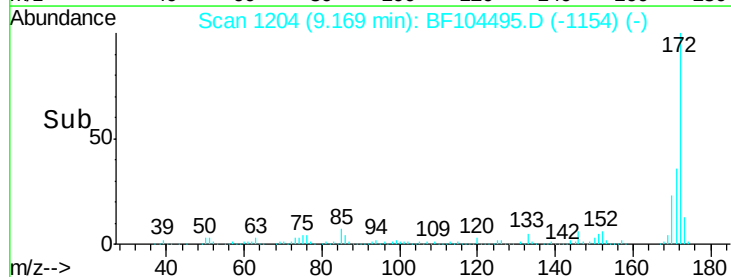
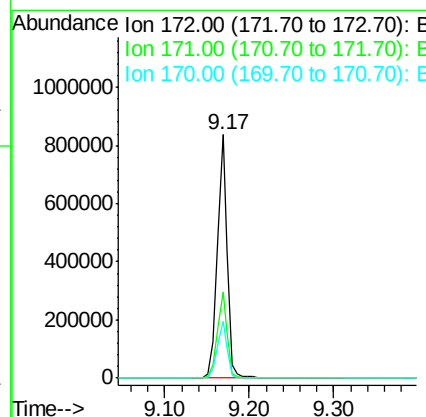
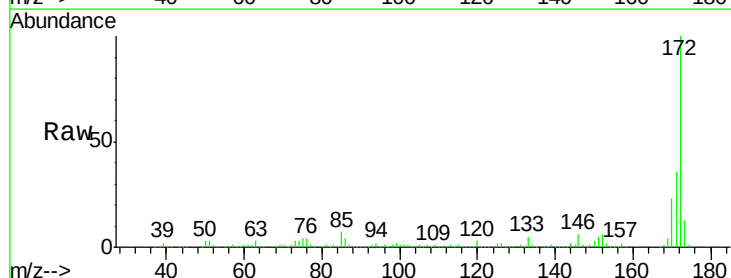
Instrument :
 BNA_F
 ClientSampleId :
 PB108218BL

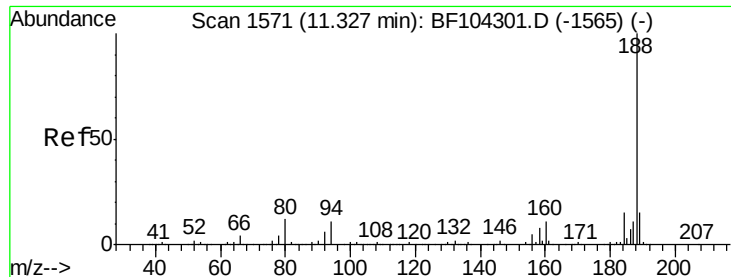
Tot Ion:330 Resp: 111227
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 34.5 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 55.718 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104495.D
 Acq: 13 Apr 2018 22:42

Tgt Ion:172 Resp: 707464
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.4 19.6 29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF104495.D

Acq: 13 Apr 2018 22:42

Instrument :

BNA_F

ClientSampleId :

PB108218BL

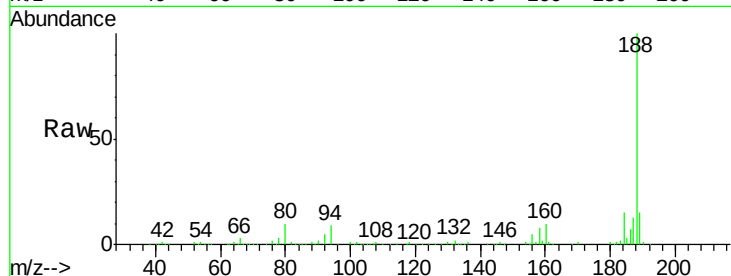
Tot Ion:188 Resp: 300835

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

80 10.3 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

500000

400000

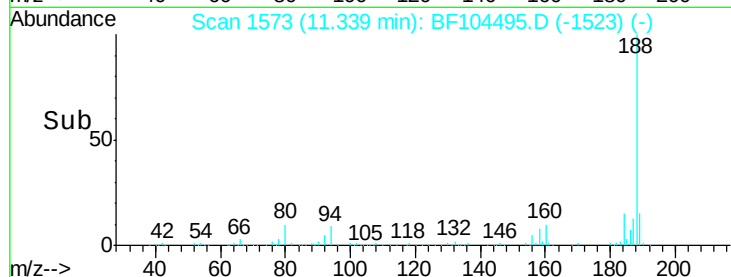
300000

200000

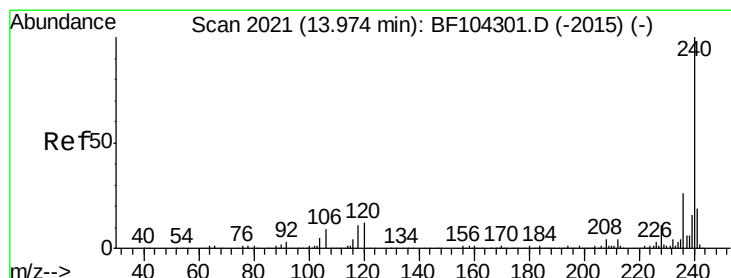
100000

0

11.30 11.35 11.40



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104495.D

Acq: 13 Apr 2018 22:42

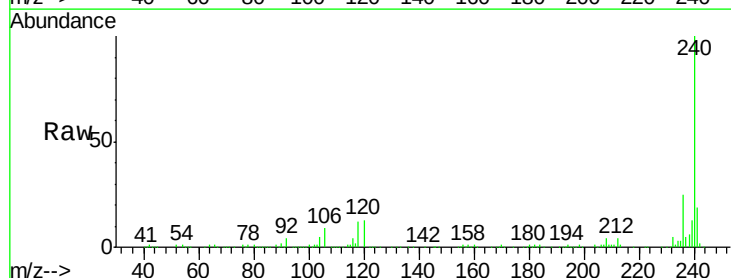
Tgt Ion:240 Resp: 234769

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

236 25.0 20.7 31.1



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

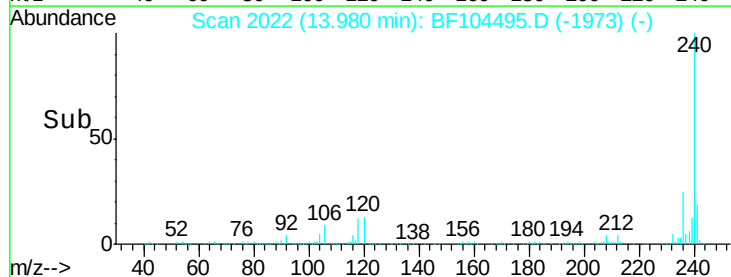
300000

200000

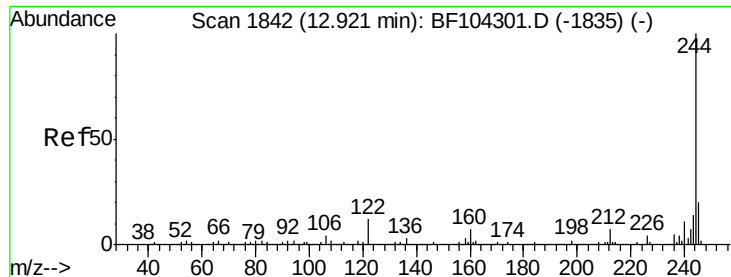
100000

0

13.90 14.00 14.10



Time-->



#78

Terphenyl-d14

Concen: 50.203 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF104495.D

Acq: 13 Apr 2018 22:42

Instrument :

BNA_F

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PB108218BL

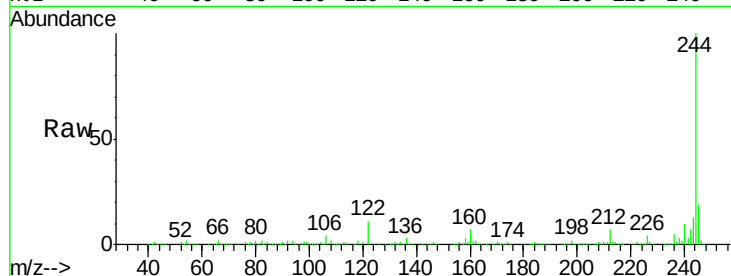
Tot Ion:244 Resp: 516976

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

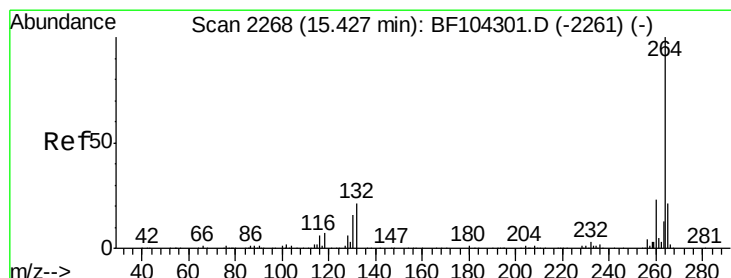
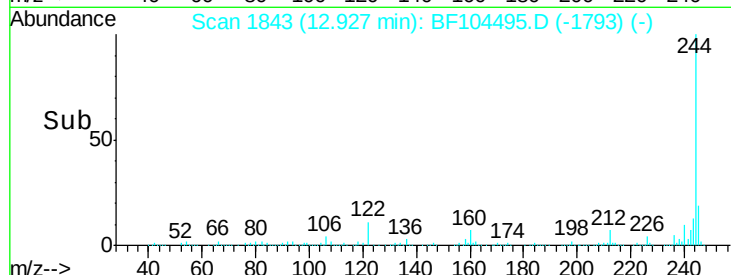
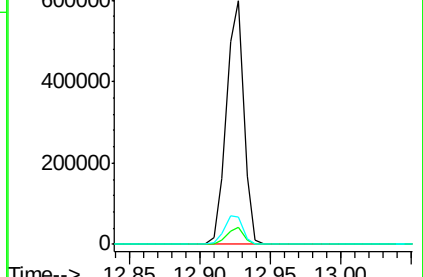
122 11.0 11.0 16.4



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: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF104495.D

Acq: 13 Apr 2018 22:42

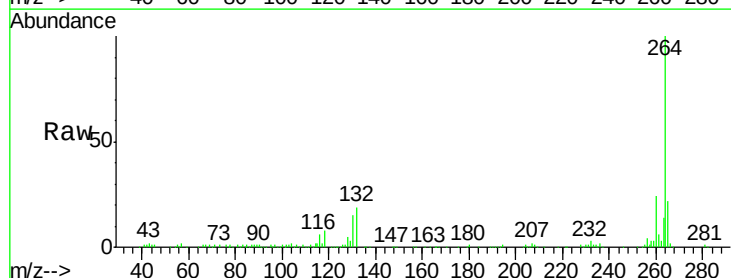
Tgt Ion:264 Resp: 174598

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.7 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

