

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104685.D
 Acq On : 20 Apr 2018 20:07
 Operator : JU/SJ
 Sample : J2472-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TANK-2

Quant Time: Apr 21 04:43:19 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 20 14:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	103669	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	378009	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	149835	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	258157	20.00	ng	0.00
75) Chrysene-d12	13.97	240	219986	20.00	ng	0.00
86) Perylene-d12	15.44	264	158793	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	297464	43.87	ng	0.00
7) Phenol-d6	6.44	99	209782	25.18	ng	0.00
23) Nitrobenzene-d5	7.37	82	603559	104.26	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	145666	93.72	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	968560	102.12	ng	0.00
78) Terphenyl-d14	12.92	244	986127	102.20	ng	0.00

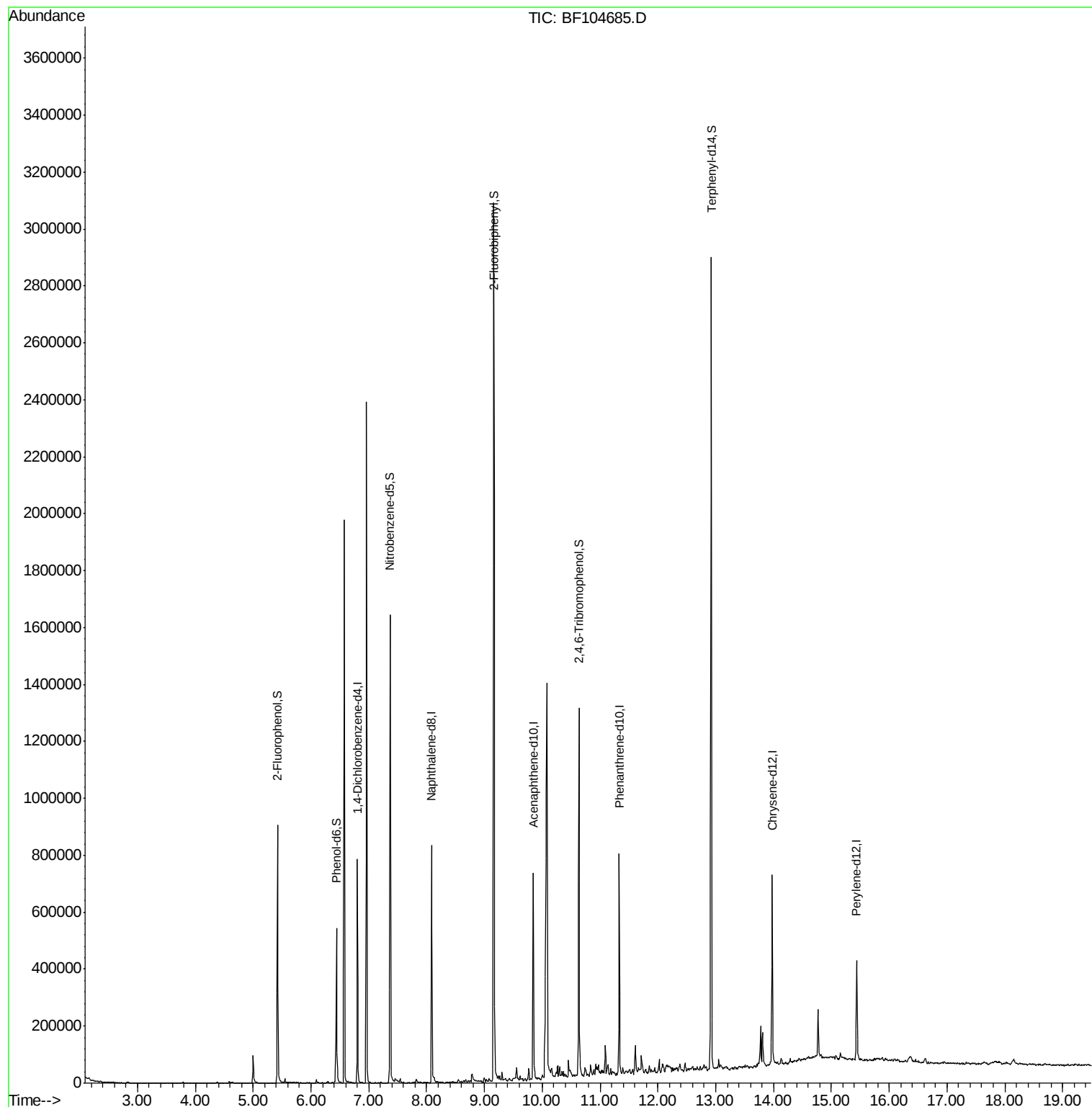
Target Compounds Qvalue

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

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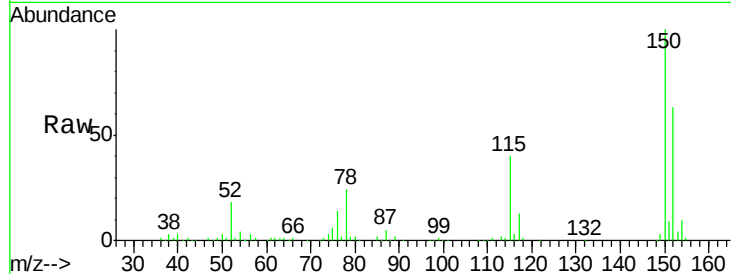


#1

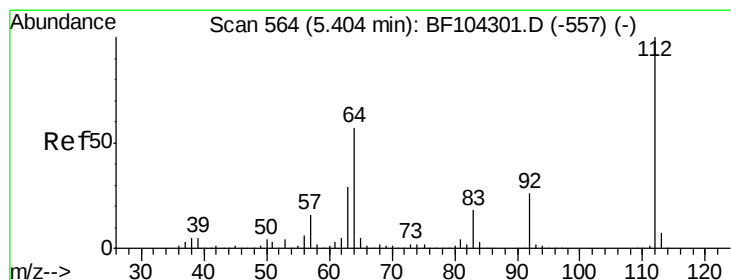
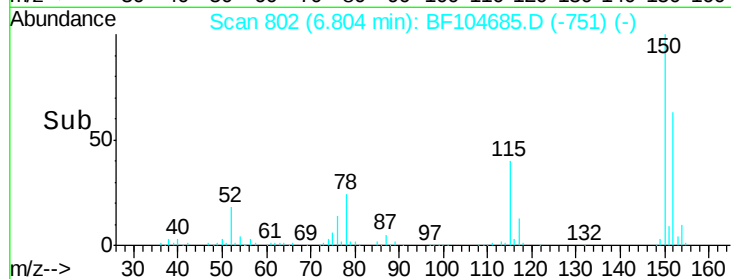
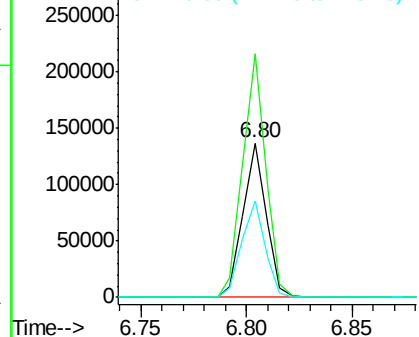
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104685.D
Acq: 20 Apr 2018 20:07

Instrument :
BNA_F
ClientSampled :
TANK-2

Tot Ion:152 Resp: 103669
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 62.9 50.1 75.1



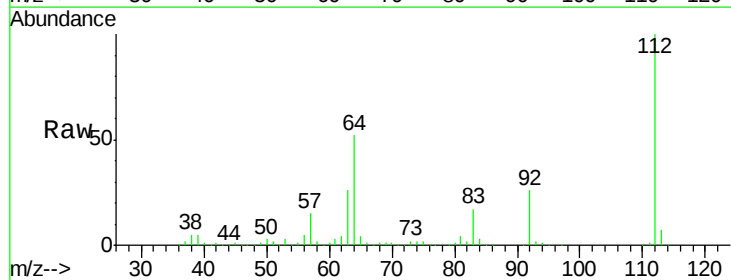
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



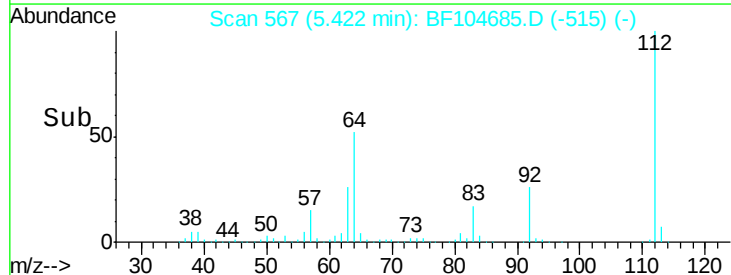
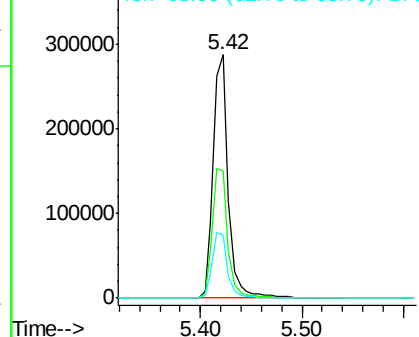
#5

2-Fluorophenol
Concen: 43.874 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104685.D
Acq: 20 Apr 2018 20:07

Tgt Ion:112 Resp: 297464
Ion Ratio Lower Upper
112 100
64 52.4 47.9 71.9
63 25.9 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: 25.183 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104685.D

Acq: 20 Apr 2018 20:07

Instrument :

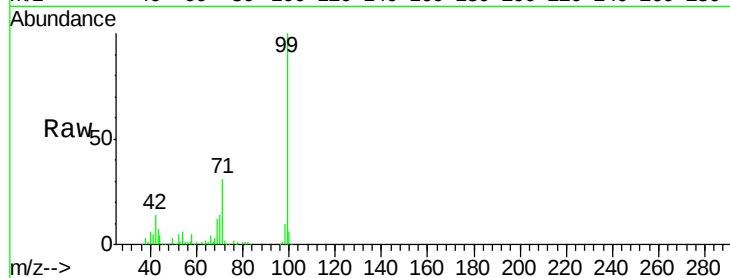
BNA_F

ClientSampled :

TANK-2

Tot Ion: 99 Resp: 209782

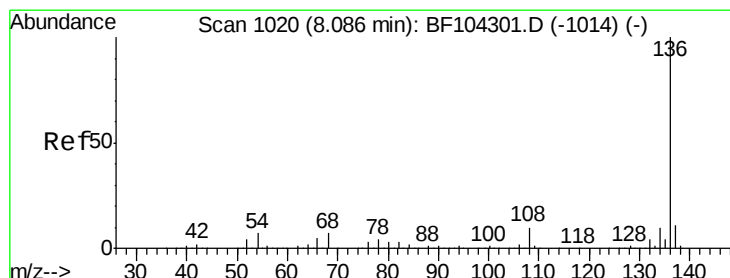
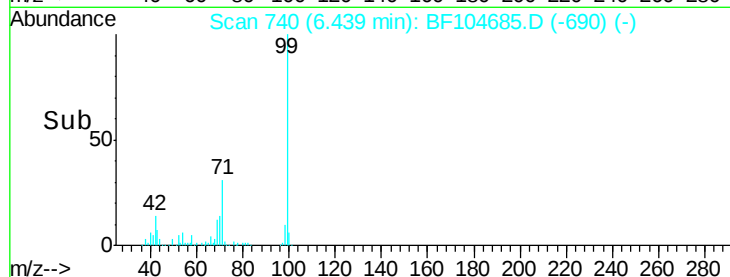
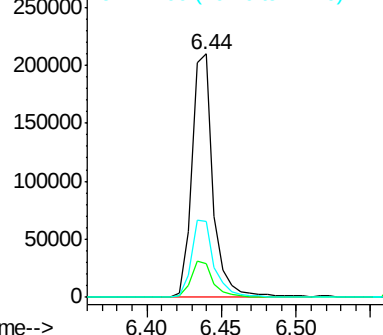
Ion	Ratio	Lower	Upper
99	100		
42	13.9	14.5	21.7#
71	31.2	25.4	38.0



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: 8.09 min Scan# 1020

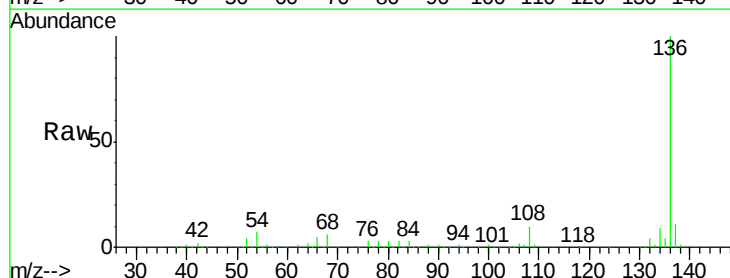
Delta R.T. -0.00 min

Lab File: BF104685.D

Acq: 20 Apr 2018 20:07

Tgt Ion: 136 Resp: 378009

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.2	6.6	9.8
68	6.4	5.0	7.4

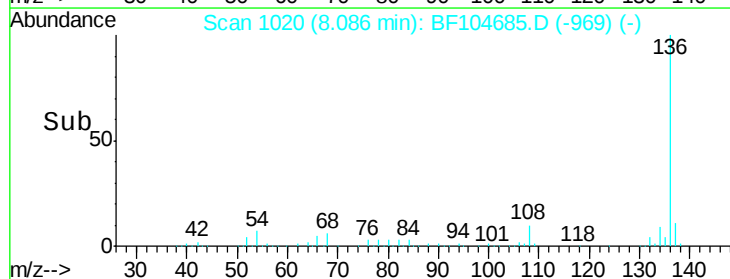
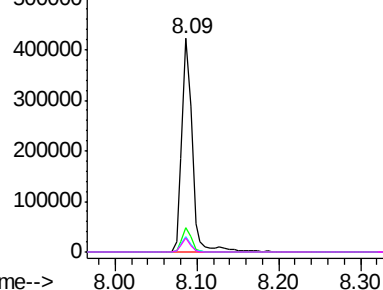


Abundance Ion 136.00 (135.70 to 136.70): E

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

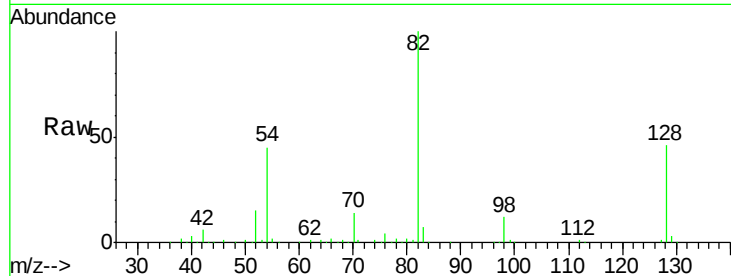




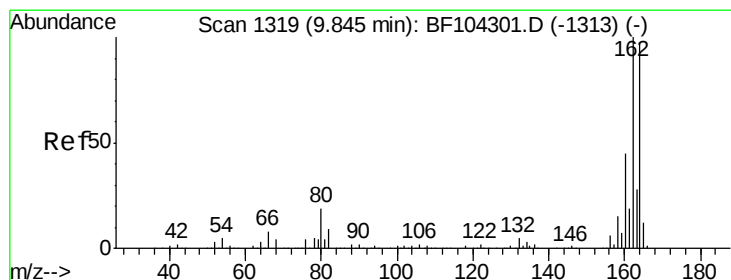
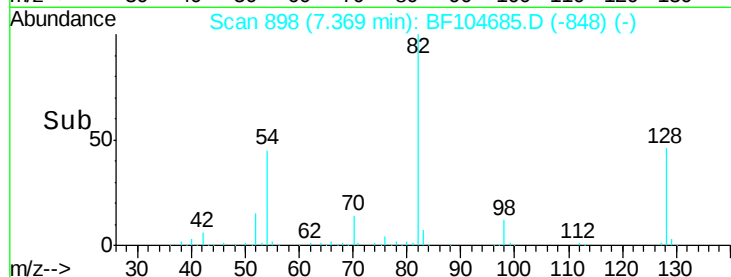
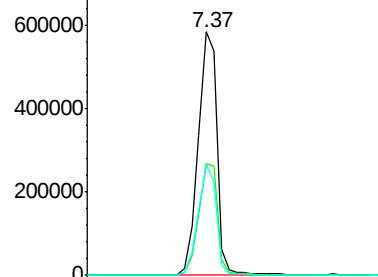
#23
Nitrobenzene-d5
Concen: 104.260 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104685.D
Acq: 20 Apr 2018 20:07

Instrument :
BNA_F
ClientSampled :
TANK-2

Tot Ion	82	Resp	603559
Ion Ratio	100	Lower	Upper
128	45.8	36.1	54.1
54	45.3	41.4	62.2

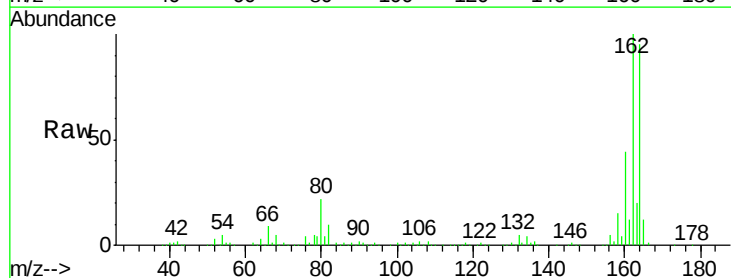


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

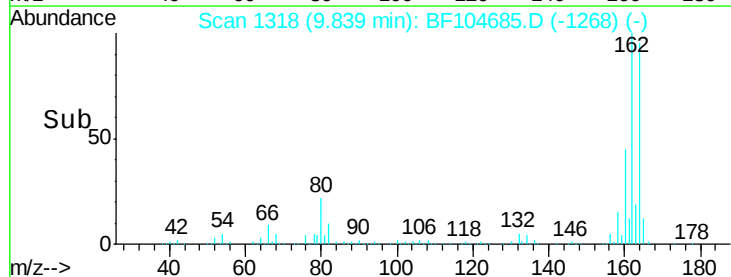
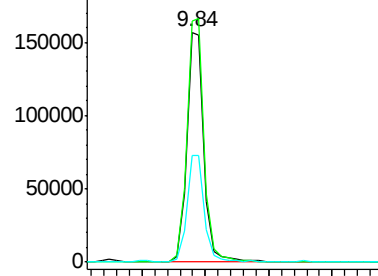


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104685.D
Acq: 20 Apr 2018 20:07

Tgt Ion	164	Resp	149835
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.9	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

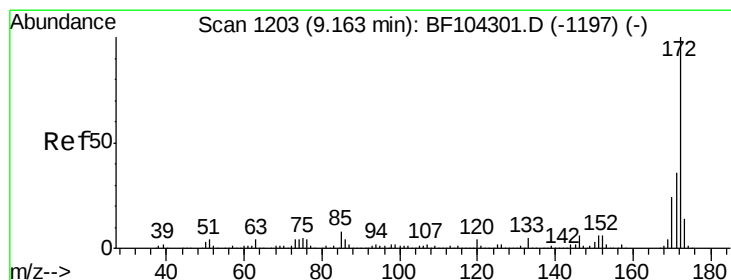
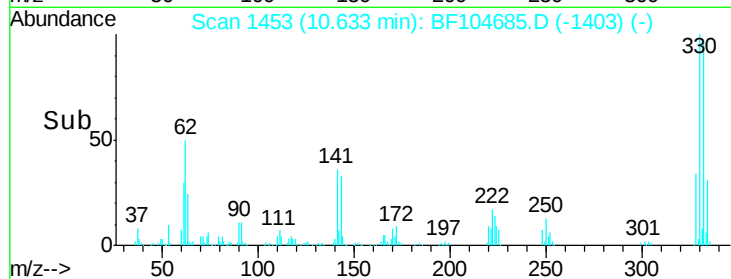
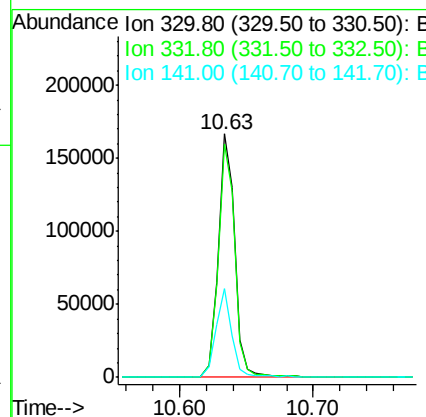
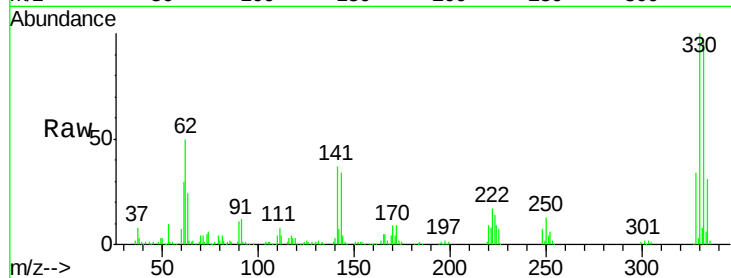




#41
 2,4,6-Tribromophenol
 Concen: 93.719 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104685.D
 Acq: 20 Apr 2018 20:07

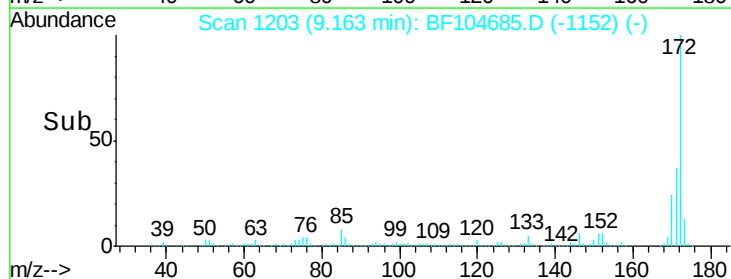
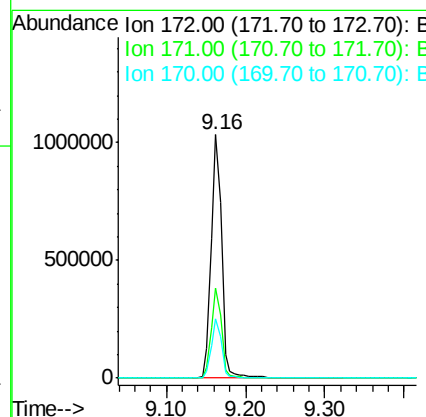
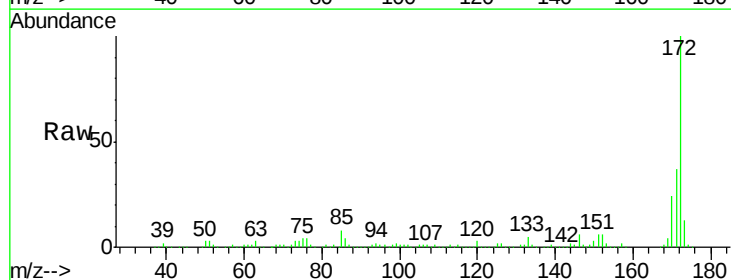
Instrument :
 BNA_F
 ClientSampleId :
 TANK-2

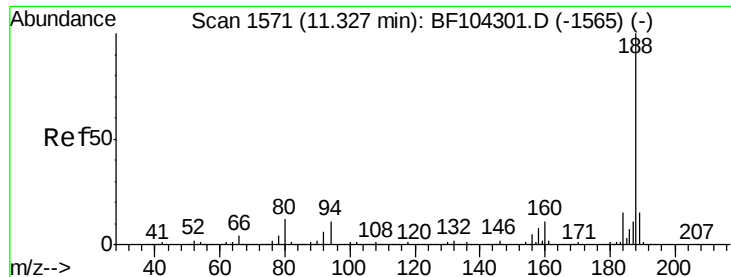
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	36.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 102.118 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104685.D
 Acq: 20 Apr 2018 20:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.2	19.6	29.4

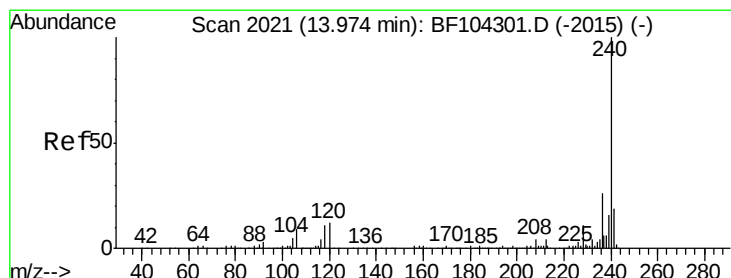
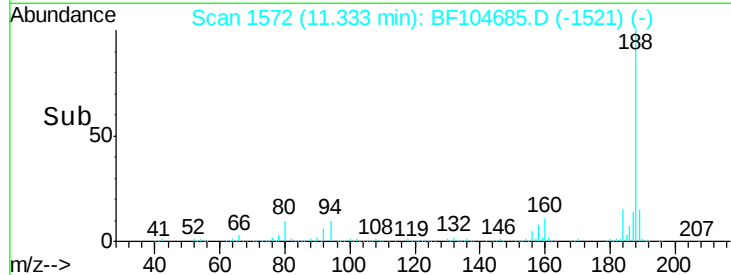
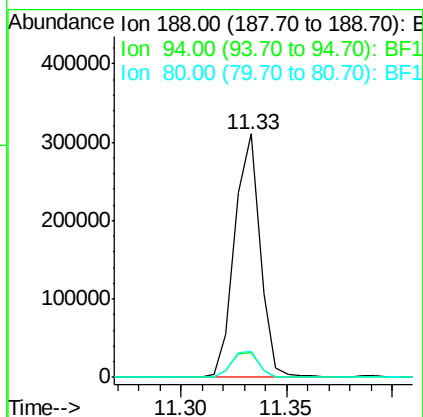
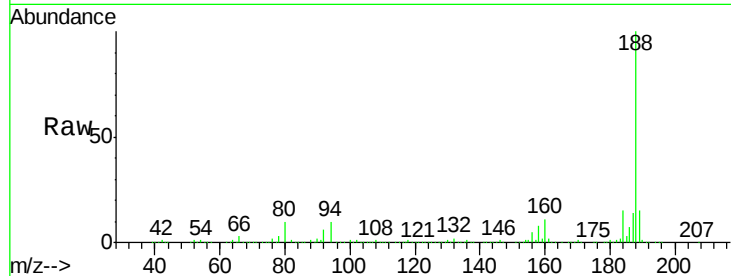




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104685.D
Acq: 20 Apr 2018 20:07

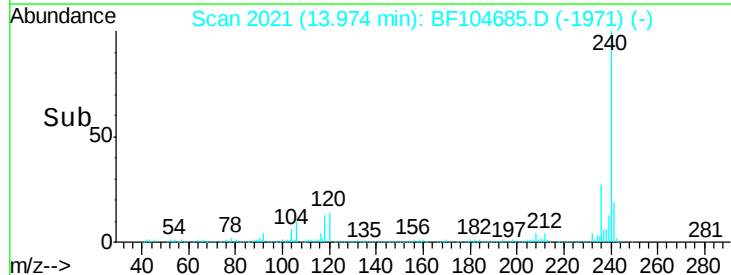
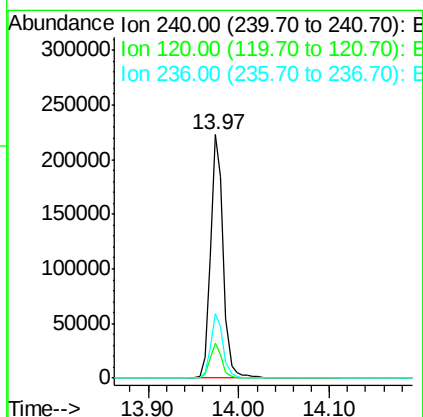
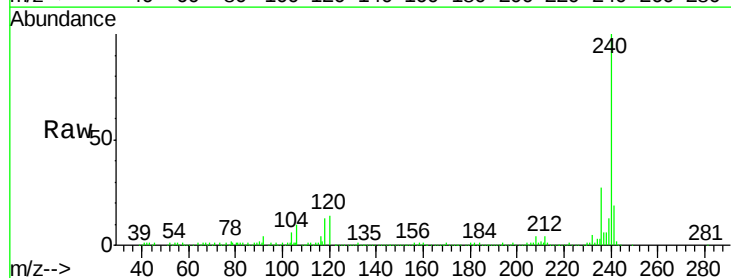
Instrument :
BNA_F
ClientSampleId :
TANK-2

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.4	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104685.D
Acq: 20 Apr 2018 20:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	26.5	20.7	31.1





#78

Terphenyl-d14

Concen: 102.197 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104685.D

Acq: 20 Apr 2018 20:07

Instrument :

BNA_F

ClientSampled :

TANK-2

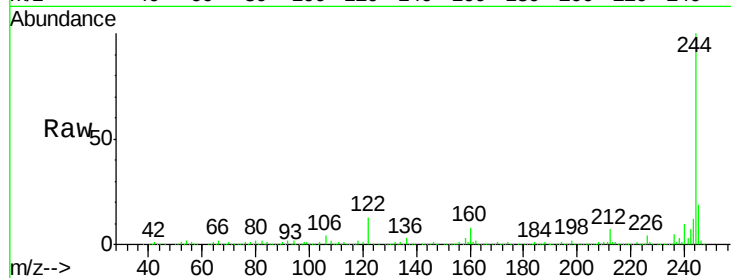
Tot Ion:244 Resp: 986127

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

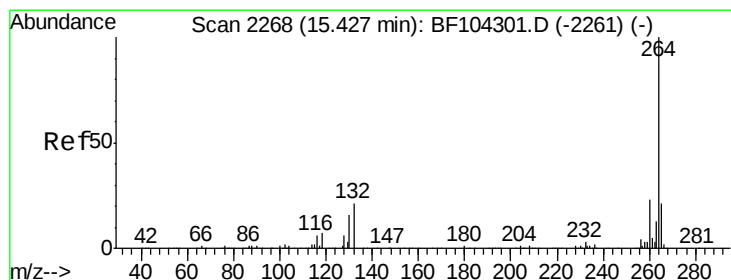
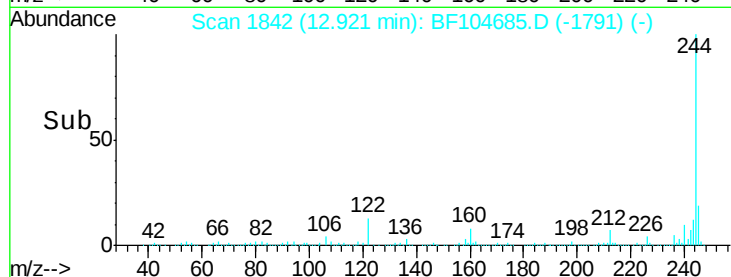
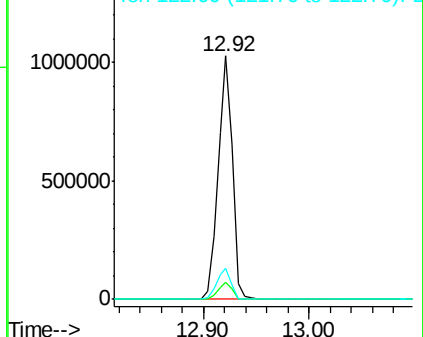
122 12.7 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF104685.D

Acq: 20 Apr 2018 20:07

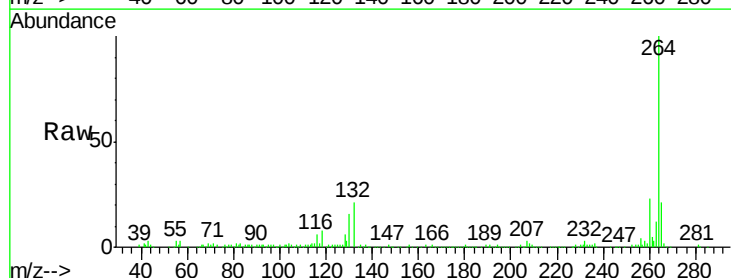
Tgt Ion:264 Resp: 158793

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.0 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

