

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104855.D
 Acq On : 26 Apr 2018 23:21
 Operator : JU/SJ
 Sample : J2576-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01.023

Quant Time: Apr 27 12:52:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

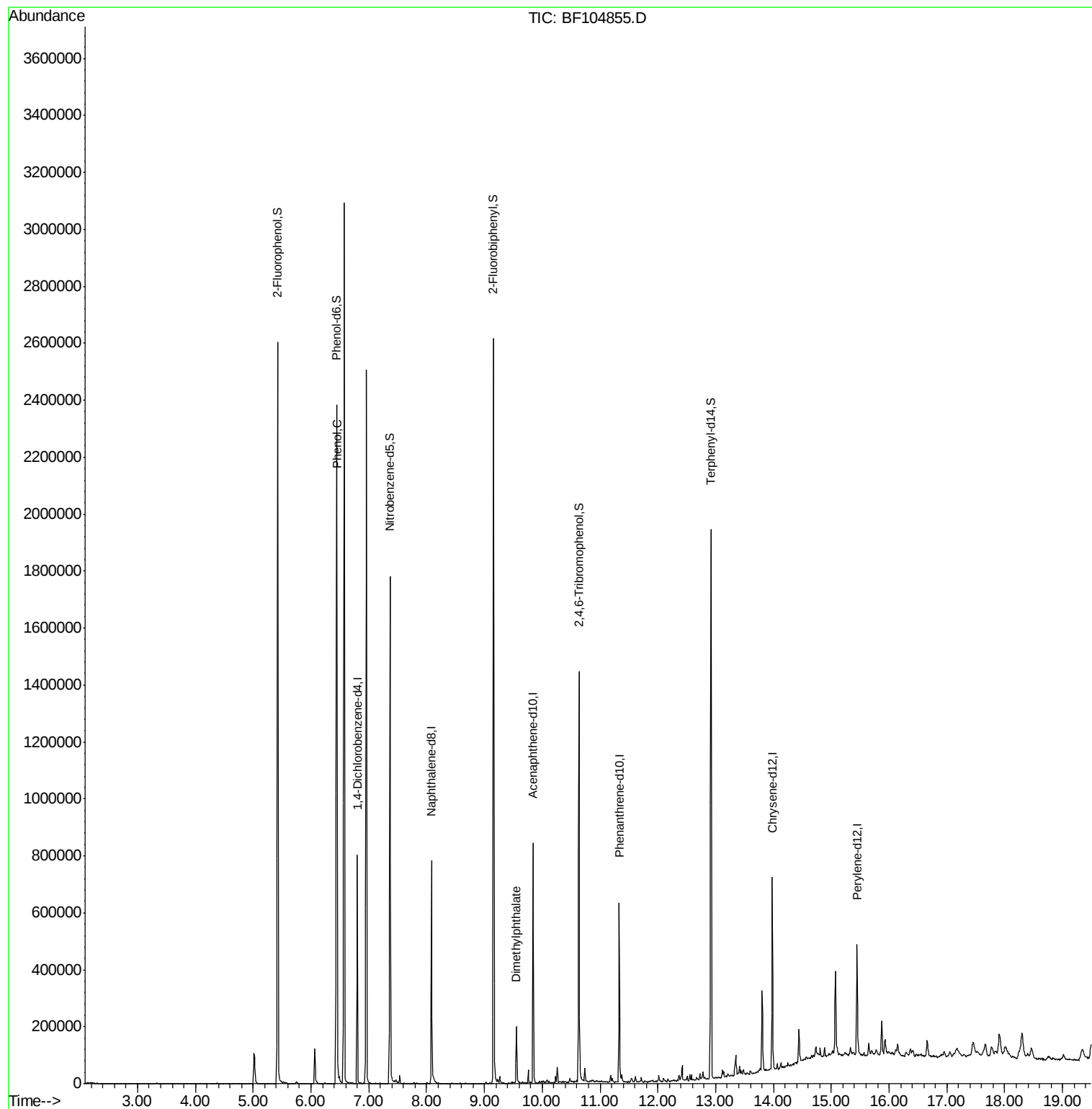
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	108220	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	416674	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	158497	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	253019	20.00	ng	0.00
75) Chrysene-d12	13.98	240	233076	20.00	ng	0.00
86) Perylene-d12	15.44	264	159146	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	867866	122.62	ng	0.00
7) Phenol-d6	6.45	99	1048297	120.55	ng	0.00
23) Nitrobenzene-d5	7.37	82	629424	98.64	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	186536	113.46	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	850564	84.78	ng	0.00
78) Terphenyl-d14	12.92	244	678317	66.35	ng	0.00
Target Compounds						
10) Phenol	6.46	94	20207	2.190	ng	91
49) Dimethylphthalate	9.55	163	84620	6.770	ng	100

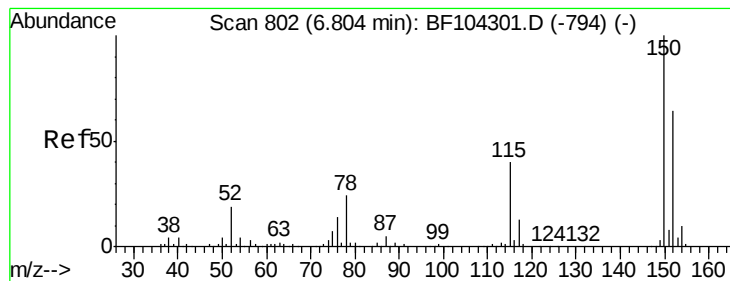
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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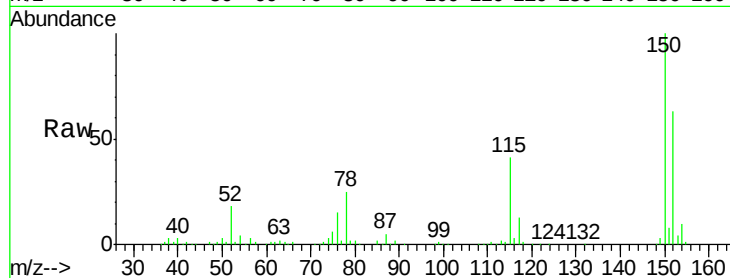


#1

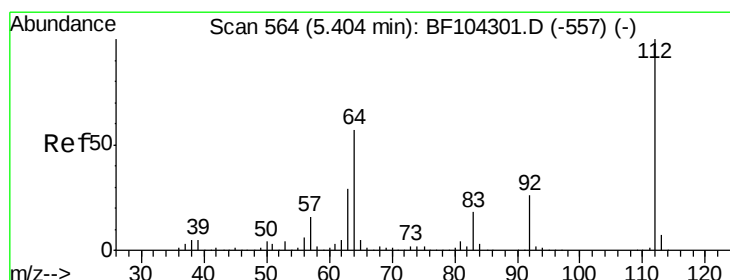
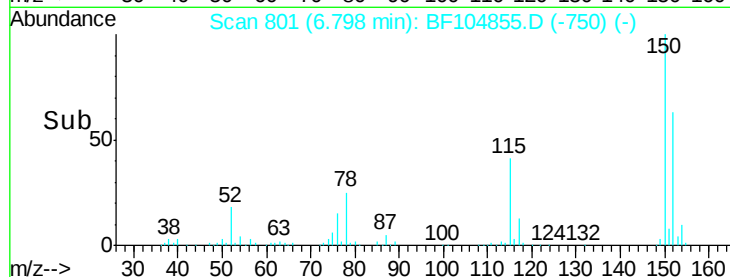
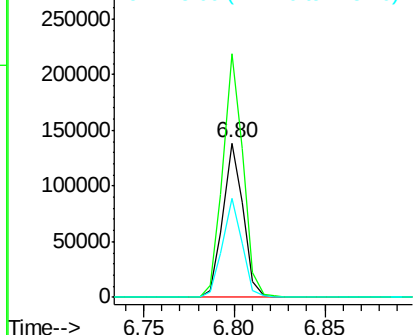
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF104855.D
 Acq: 26 Apr 2018 23:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01.023

Tot Ion:152 Resp: 108220
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.6 186.8
 115 64.2 50.1 75.1



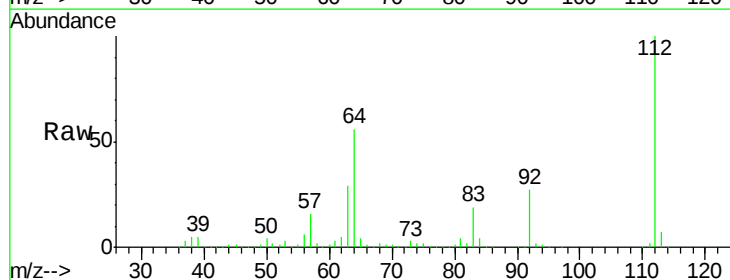
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



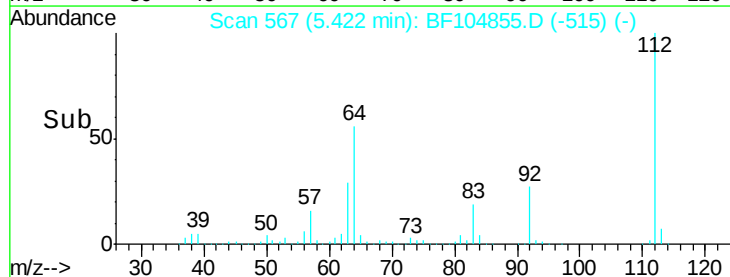
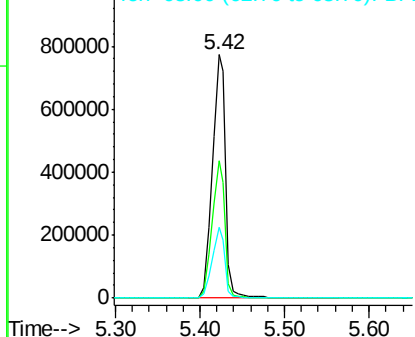
#5

2-Fluorophenol
 Concen: 122.622 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF104855.D
 Acq: 26 Apr 2018 23:21

Tgt Ion:112 Resp: 867866
 Ion Ratio Lower Upper
 112 100
 64 56.5 47.9 71.9
 63 29.2 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: 120.549 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104855.D

Acq: 26 Apr 2018 23:21

Instrument :

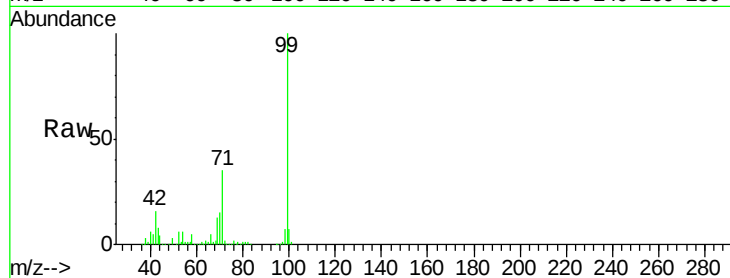
BNA_F

ClientSampleId :

FK-PS-01.023

Tot Ion: 99 Resp: 1048297

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.5	21.7
71	34.7	25.4	38.0

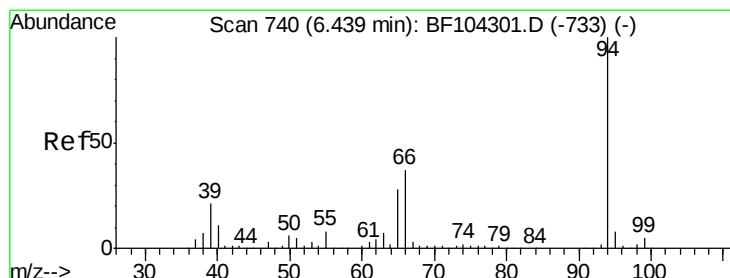
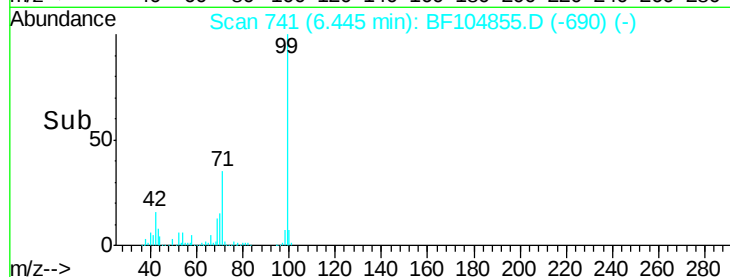
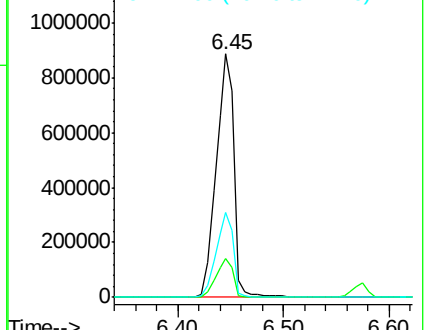


Abundance

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



#10

Phenol

Concen: 2.190 ng

RT: 6.46 min Scan# 743

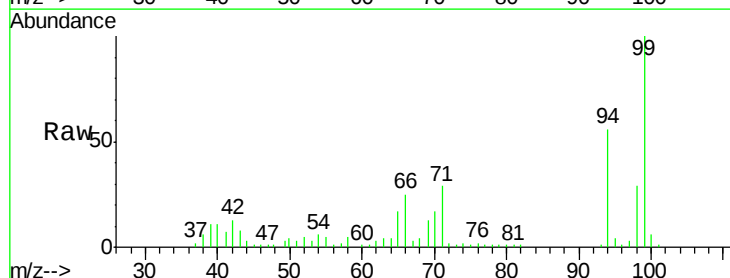
Delta R.T. -0.00 min

Lab File: BF104855.D

Acq: 26 Apr 2018 23:21

Tgt Ion: 94 Resp: 20207

Ion	Ratio	Lower	Upper
94	100		
65	29.7	7.9	47.9
66	44.3	16.2	56.2

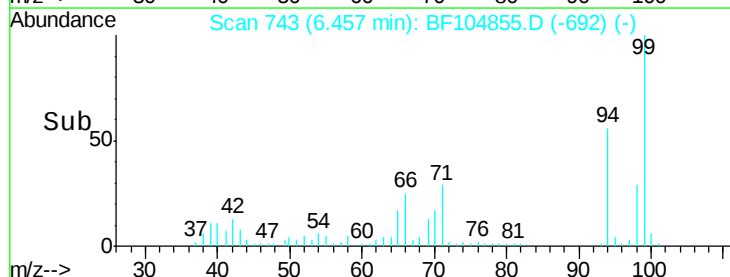
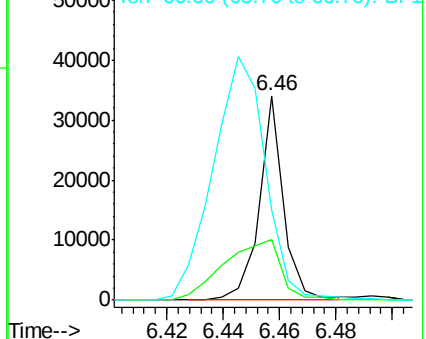


Abundance

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

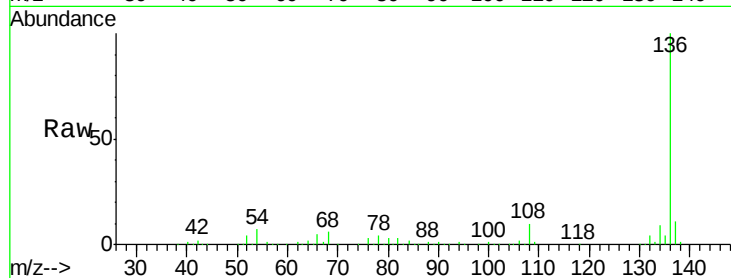




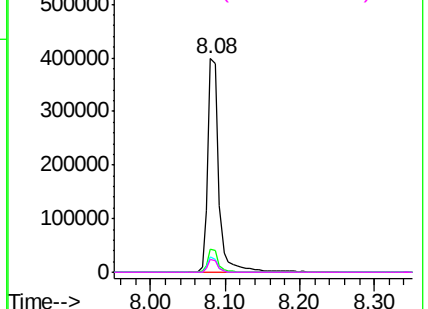
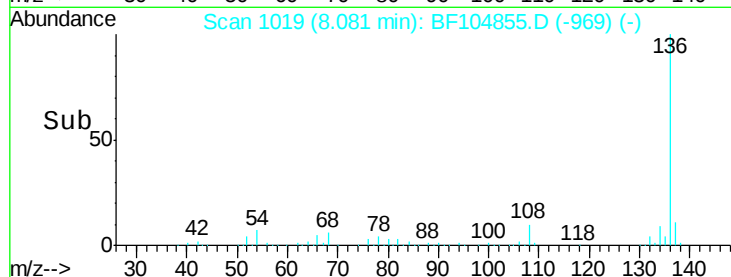
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104855.D
Acq: 26 Apr 2018 23:21

Instrument :
BNA_F
ClientSampleId :
FK-PS-01.023

Tot Ion:136	Resp:	416674
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	6.9	6.6 9.8
68	6.0	5.0 7.4

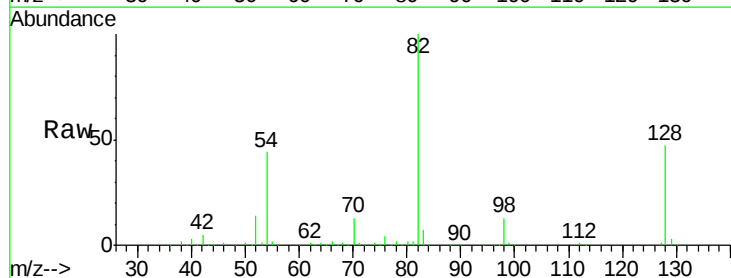


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

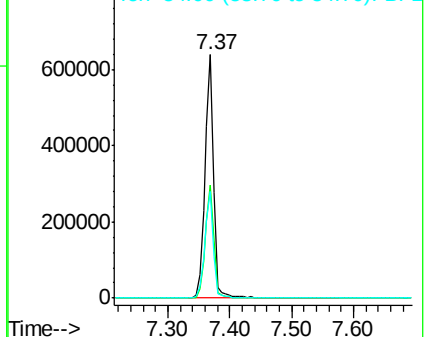
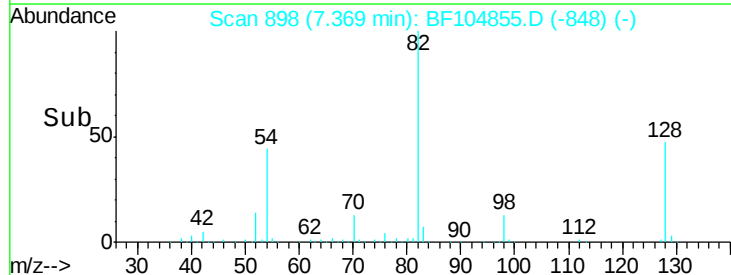


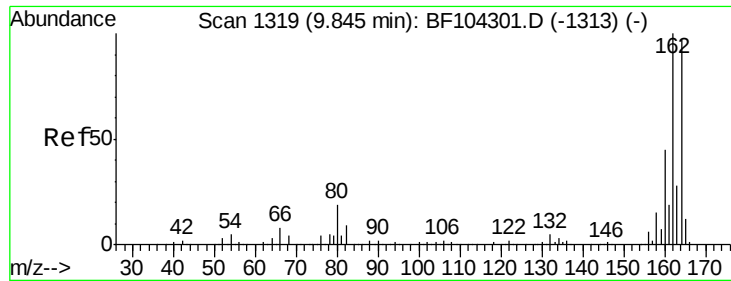
#23
Nitrobenzene-d5
Concen: 98.639 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104855.D
Acq: 26 Apr 2018 23:21

Tgt Ion: 82	Resp:	629424
Ion	Ratio	Lower Upper
82	100	
128	46.5	36.1 54.1
54	43.6	41.4 62.2



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

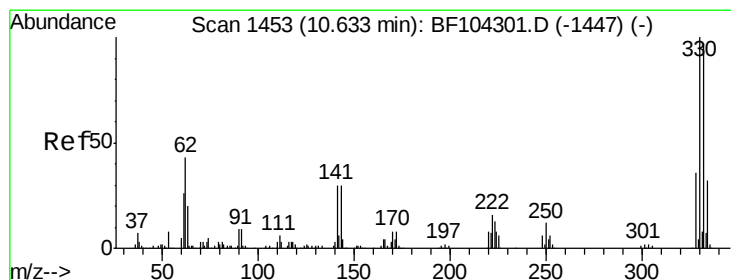
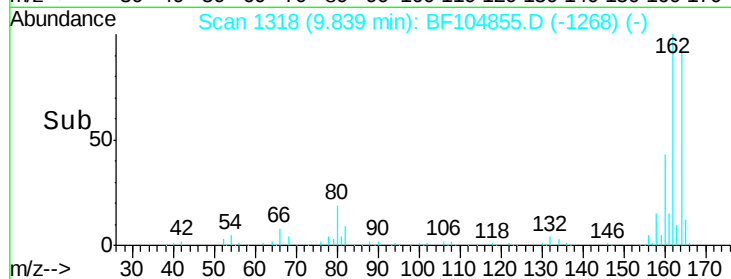
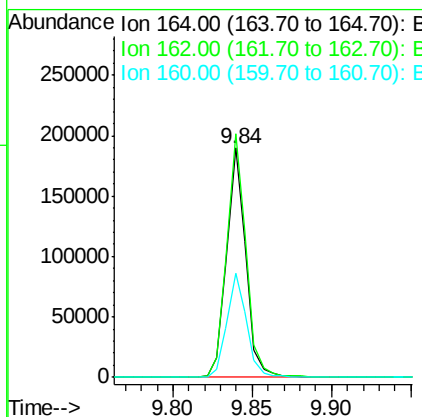
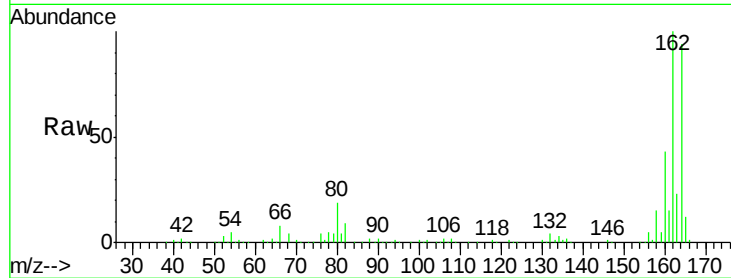




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104855.D
 Acq: 26 Apr 2018 23:21

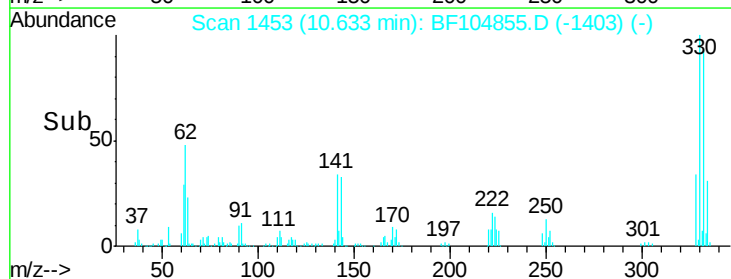
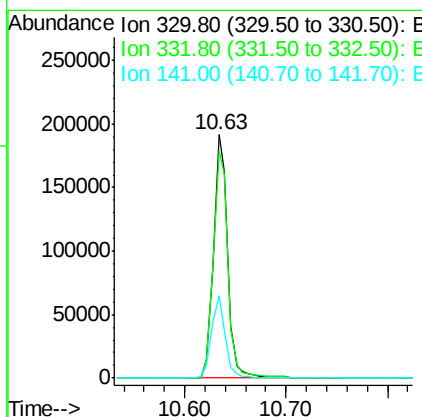
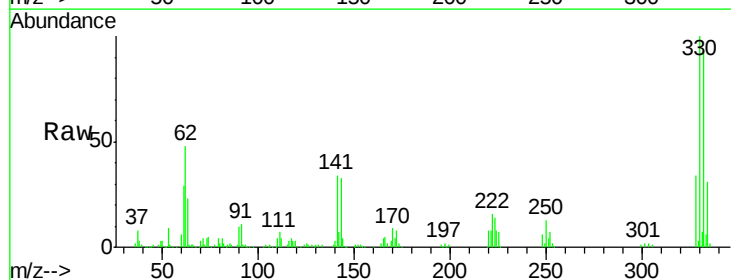
Instrument :
 BNA_F
 ClientSampleID :
 FK-PS-01.023

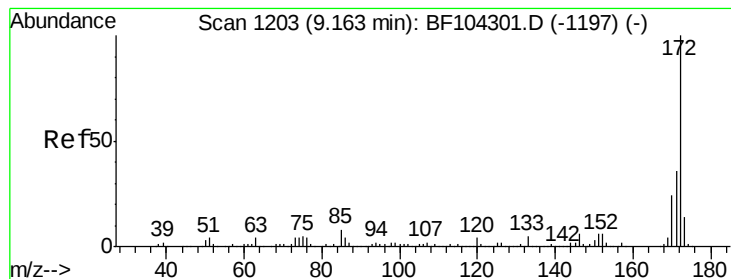
Tot Ion:164 Resp: 158497
 Ion Ratio Lower Upper
 164 100
 162 106.2 86.1 129.1
 160 45.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 113.456 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104855.D
 Acq: 26 Apr 2018 23:21

Tgt Ion:330 Resp: 186536
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 33.0 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 84.776 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF104855.D

Acq: 26 Apr 2018 23:21

Instrument :

BNA_F

ClientSampleId :

FK-PS-01.023

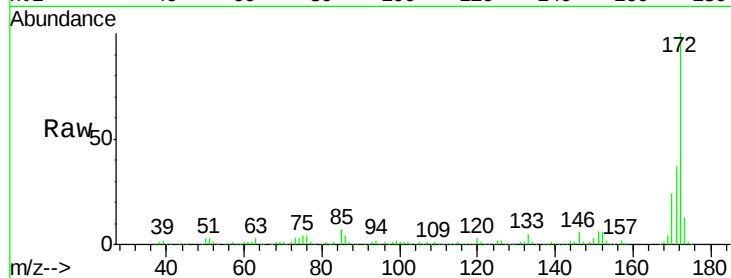
Tot Ion:172 Resp: 850564

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

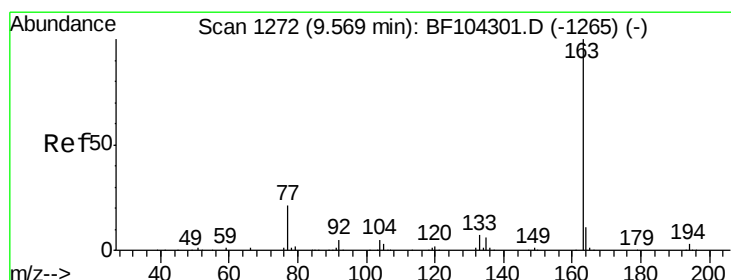
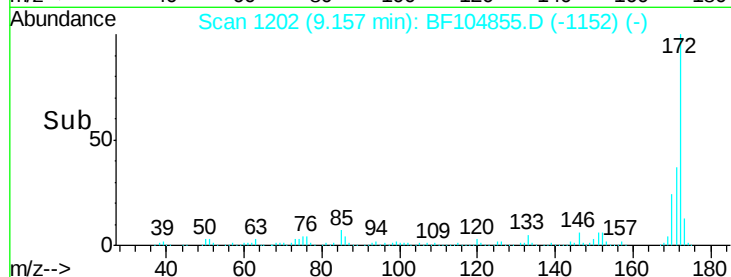
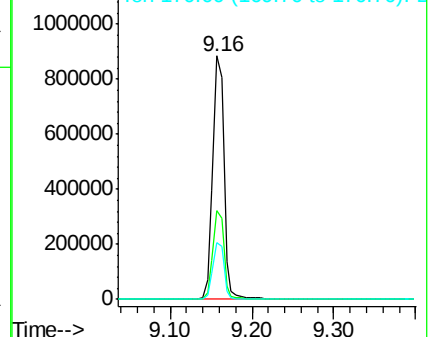
170 23.5 19.6 29.4



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



#49

Dimethylphthalate

Concen: 6.770 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF104855.D

Acq: 26 Apr 2018 23:21

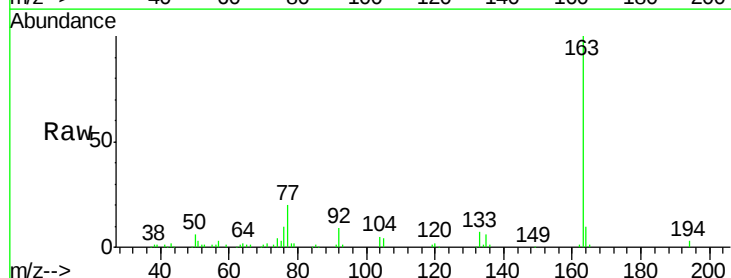
Tgt Ion:163 Resp: 84620

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

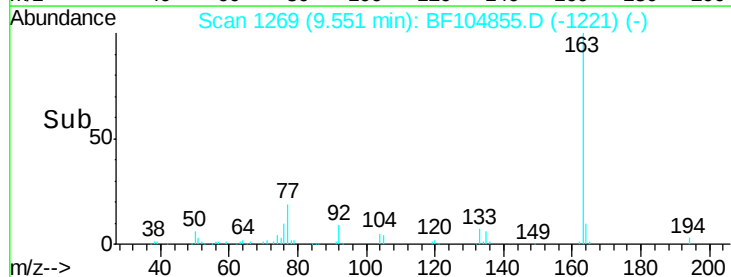
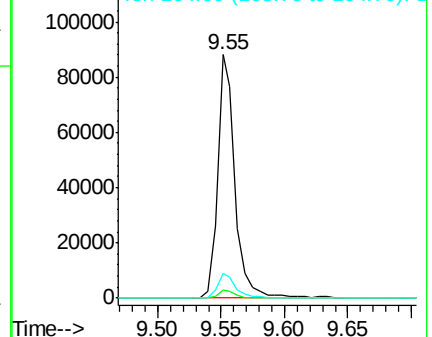
164 10.1 8.2 12.2



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

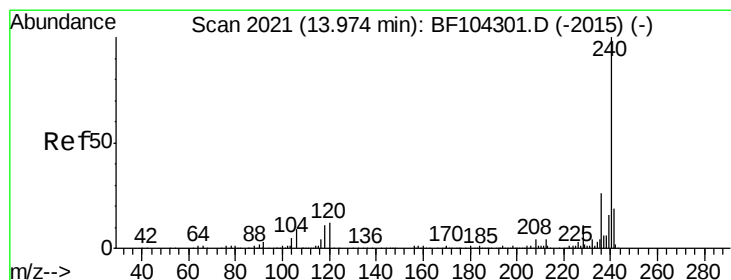
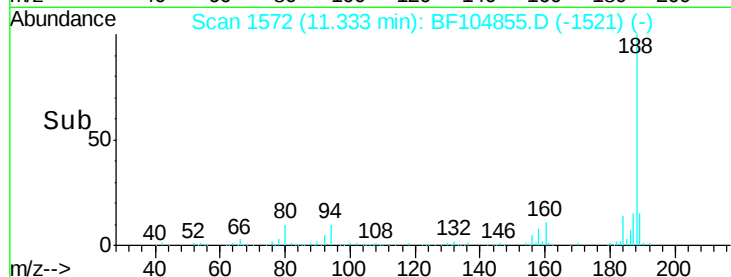
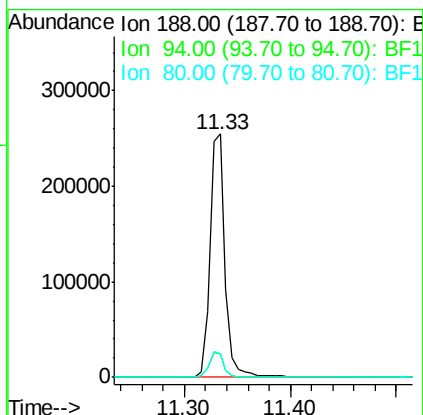
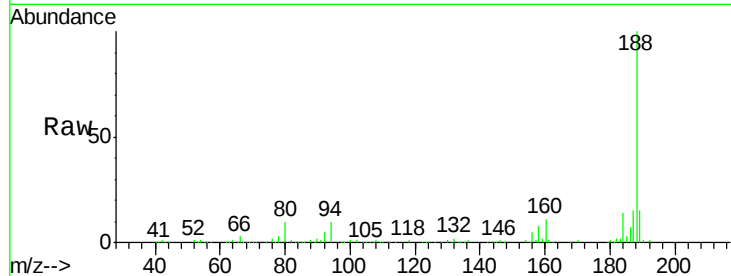




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104855.D
Acq: 26 Apr 2018 23:21

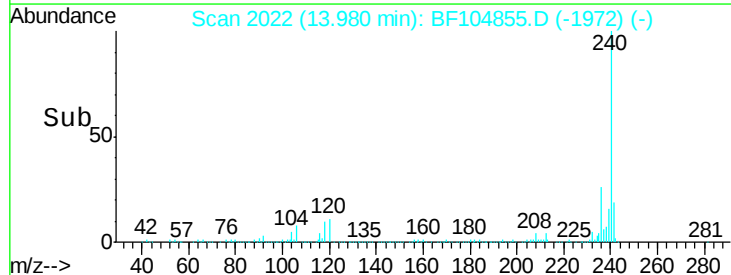
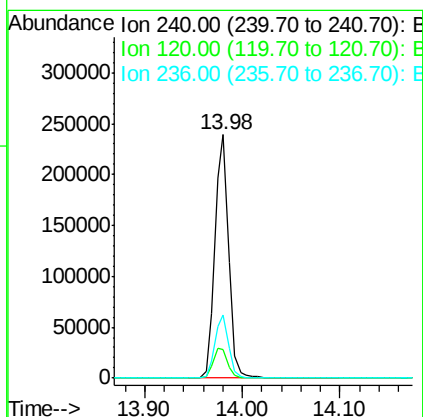
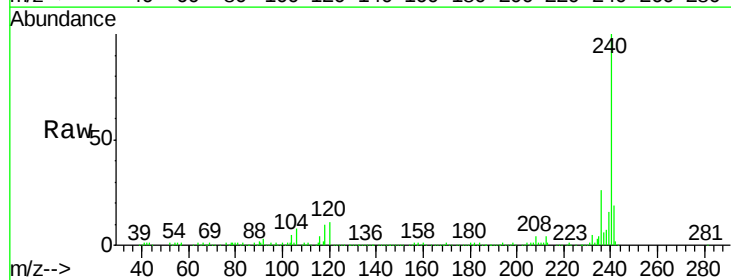
Instrument :
BNA_F
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FK-PS-01.023

Tot Ion:188 Resp: 253019
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 9.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104855.D
Acq: 26 Apr 2018 23:21

Tgt Ion:240 Resp: 233076
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 26.0 20.7 31.1

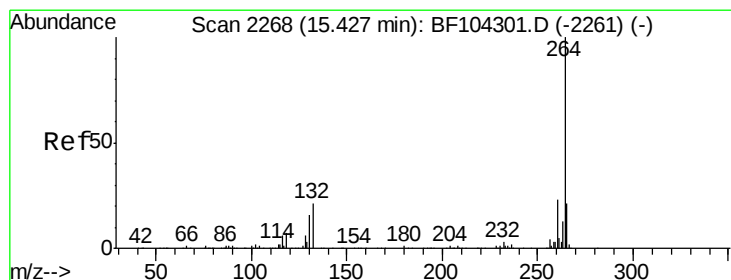
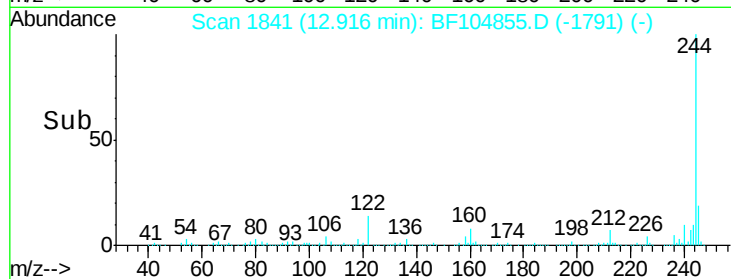
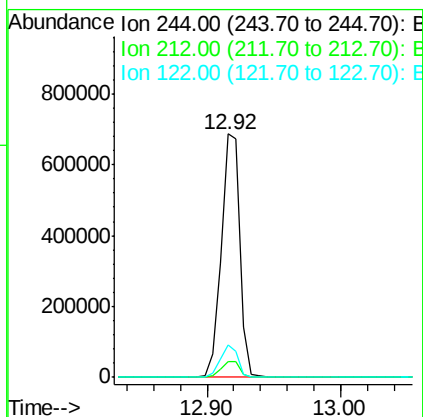
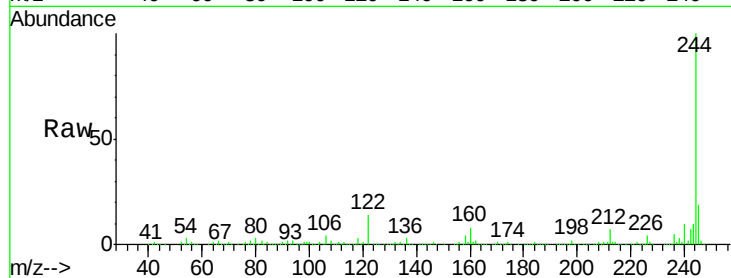




#78
 Terphenyl-d14
 Concen: 66.349 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104855.D
 Acq: 26 Apr 2018 23:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01.023

Tot Ion:244 Resp: 678317
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF104855.D
 Acq: 26 Apr 2018 23:21

Tgt Ion:264 Resp: 159146
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 20.3 17.5 26.3

