

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104815.D
 Acq On : 26 Apr 2018 4:19
 Operator : JU/SJ
 Sample : J2539-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-005-ABCD

Quant Time: Apr 26 13:49:19 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

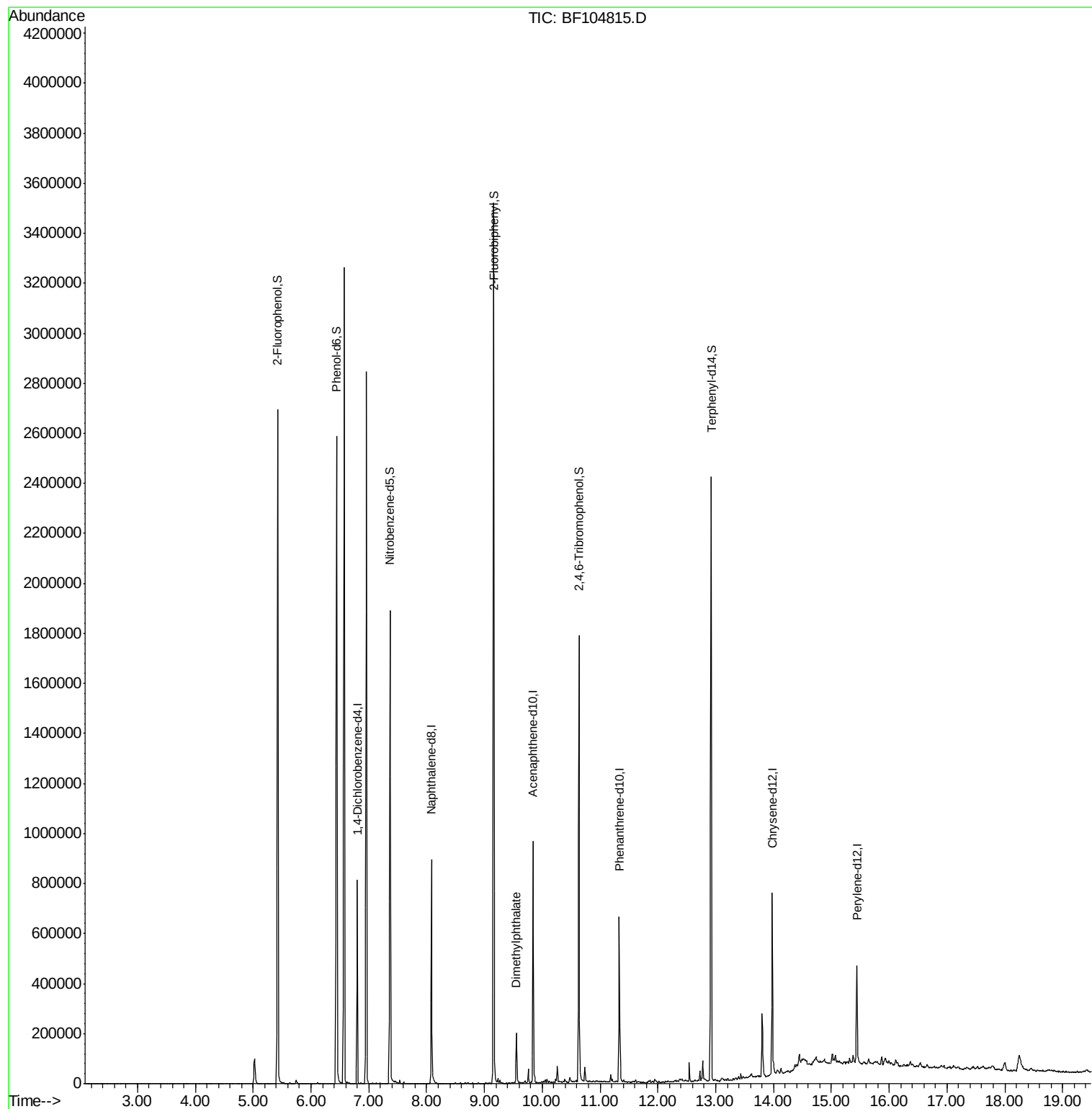
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	112686	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	453318	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	182734	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	264242	20.00	ng	0.00
75) Chrysene-d12	13.98	240	237018	20.00	ng	0.00
86) Perylene-d12	15.44	264	174493	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	948650	128.72	ng	0.01
7) Phenol-d6	6.45	99	1183072	130.66	ng	0.00
23) Nitrobenzene-d5	7.37	82	717653	103.37	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	233866	123.38	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1152134	99.60	ng	0.00
78) Terphenyl-d14	12.92	244	844894	81.27	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	83960	5.827	ng	Qvalue 100

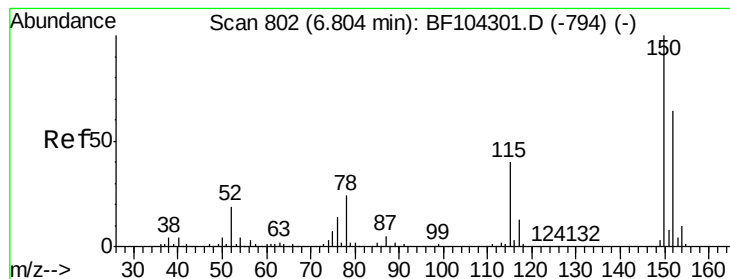
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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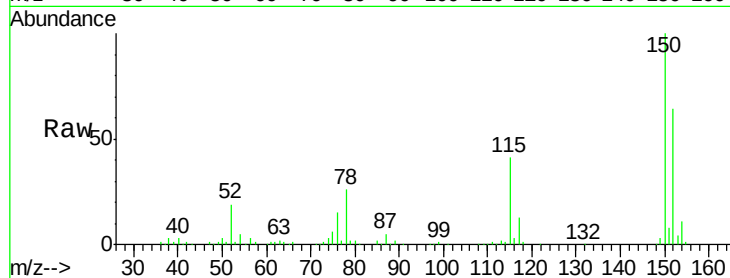


#1

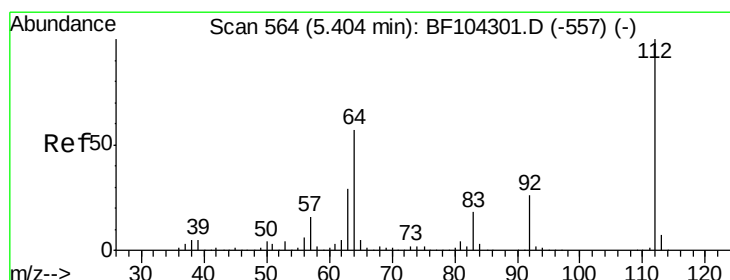
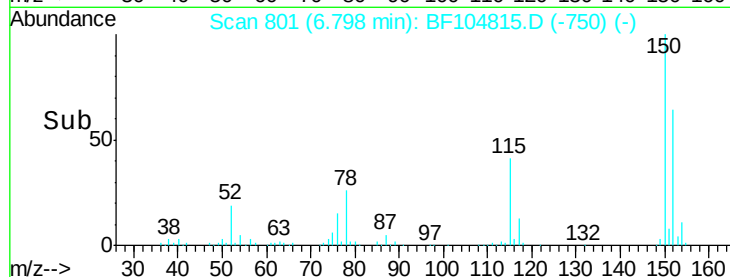
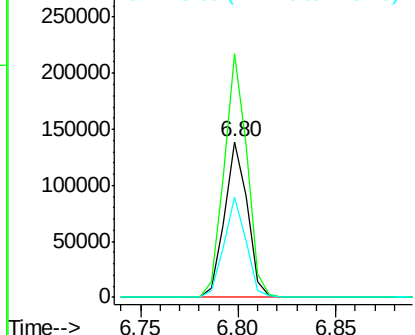
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-005-ABCD

Tot Ion:152 Resp: 112686
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 64.7 50.1 75.1



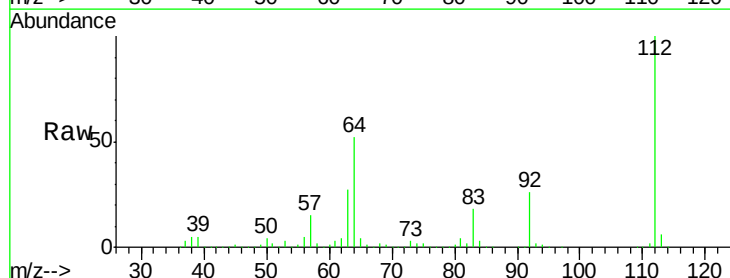
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



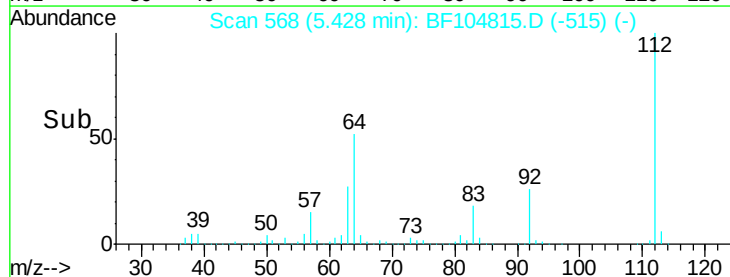
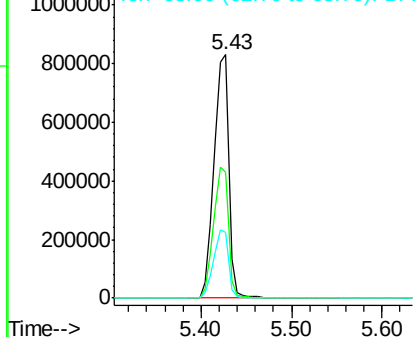
#5

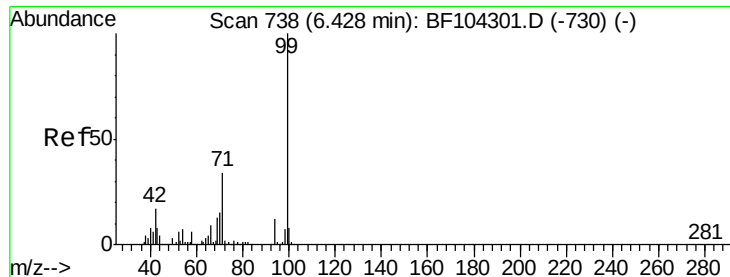
2-Fluorophenol
Concen: 128.724 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Tgt Ion:112 Resp: 948650
Ion Ratio Lower Upper
112 100
64 51.9 47.9 71.9
63 27.1 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: 130.655 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104815.D

Acq: 26 Apr 2018 4:19

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-005-ABCD

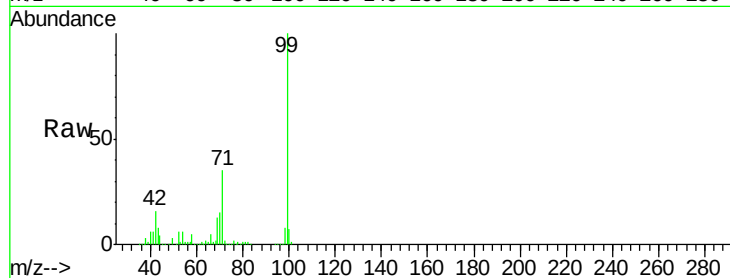
Tot Ion: 99 Resp: 1183072

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

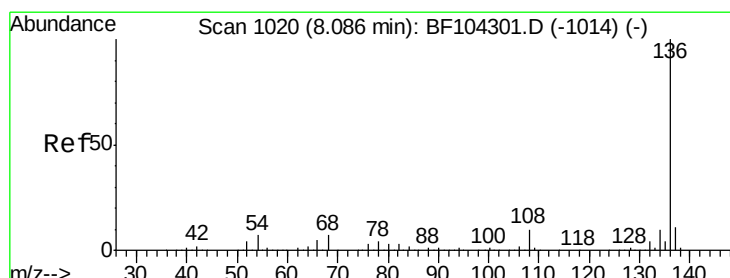
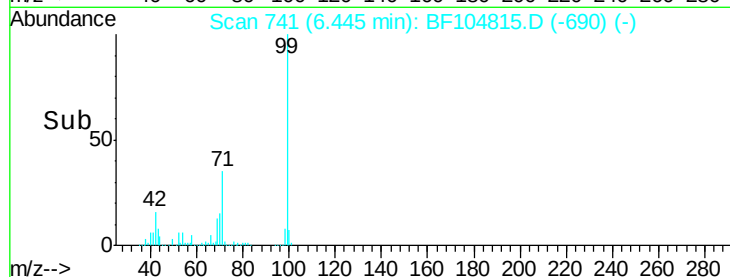
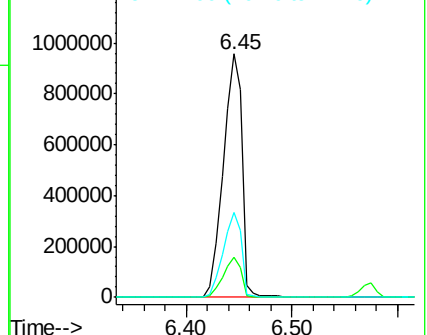
71 34.9 25.4 38.0



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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104815.D

Acq: 26 Apr 2018 4:19

Tgt Ion: 136 Resp: 453318

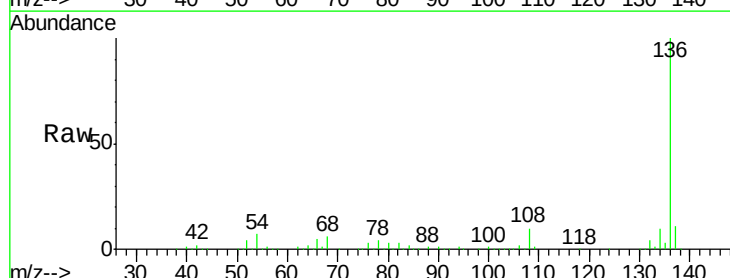
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.8 6.6 9.8

68 5.6 5.0 7.4

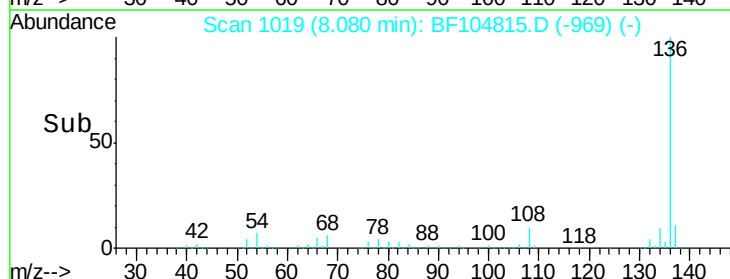
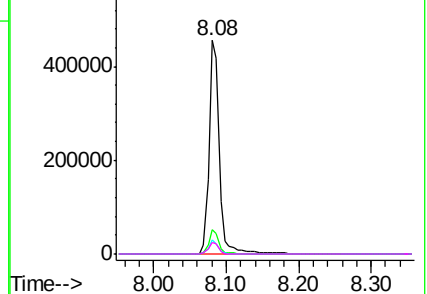


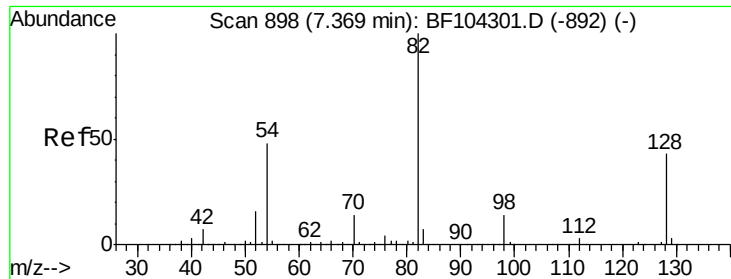
Abundance Ion 136.00 (135.70 to 136.70): E

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

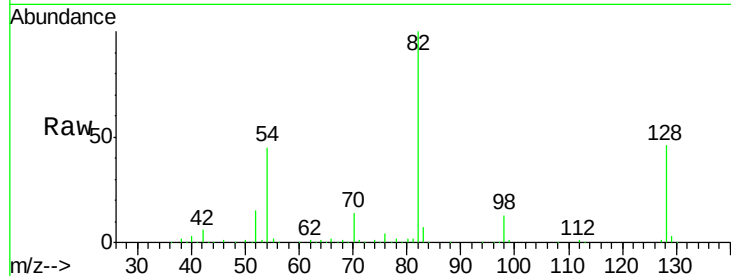




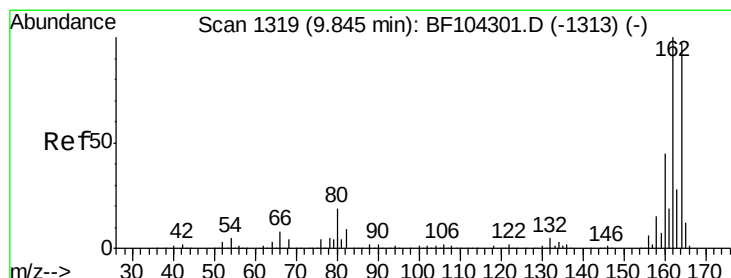
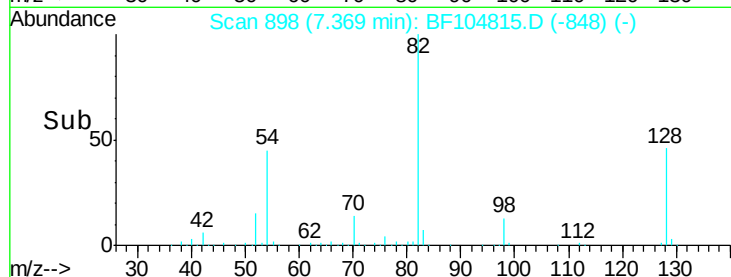
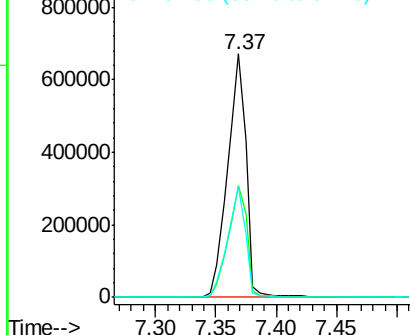
#23
 Nitrobenzene-d5
 Concen: 103.374 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104815.D
 Acq: 26 Apr 2018 4:19

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-005-ABCD

Tot Ion	82	Resp	717653
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	45.4	41.4	62.2

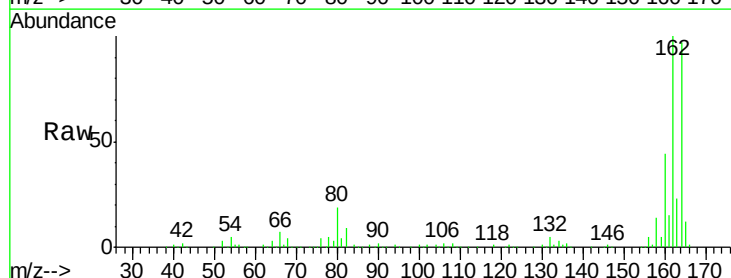


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

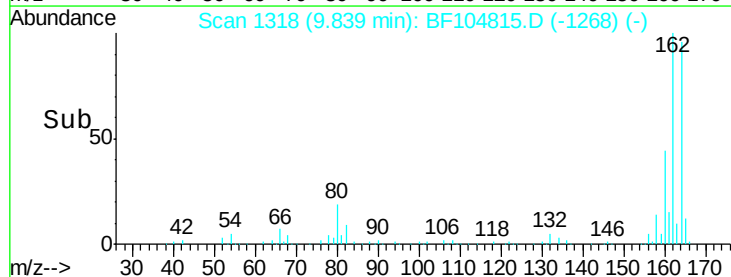
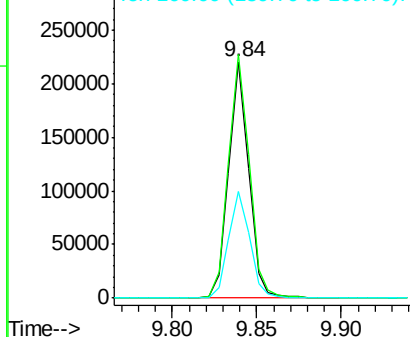


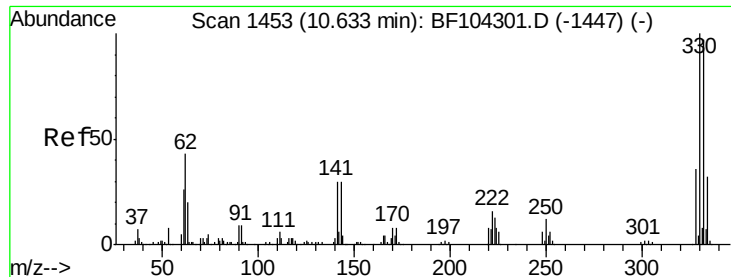
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104815.D
 Acq: 26 Apr 2018 4:19

Tgt Ion	164	Resp	182734
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	103.0	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: 123.376 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104815.D

Acq: 26 Apr 2018 4:19

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-005-ABCD

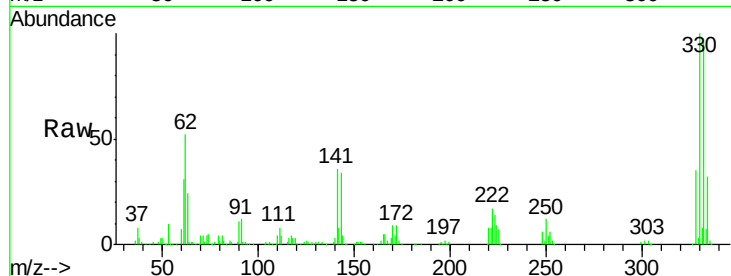
Tot Ion:330 Resp: 233866

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

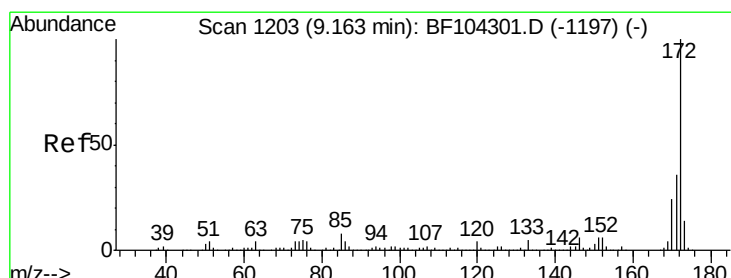
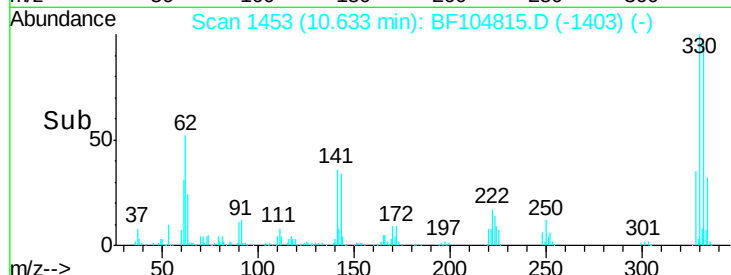
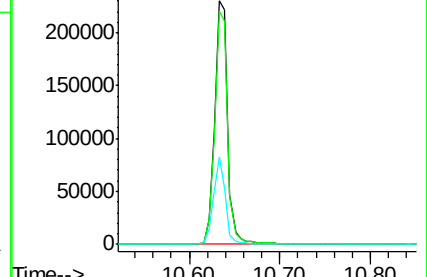
141 33.2 29.9 44.9



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



#44

2-Fluorobiphenyl

Concen: 99.603 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF104815.D

Acq: 26 Apr 2018 4:19

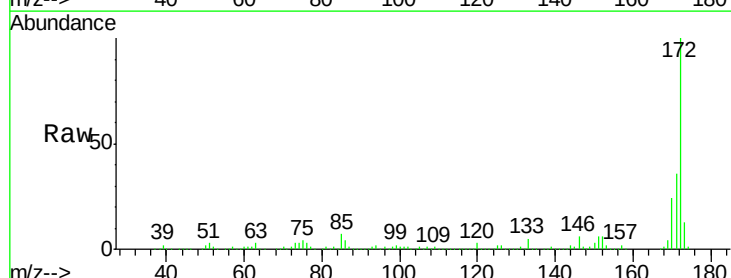
Tgt Ion:172 Resp: 1152134

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

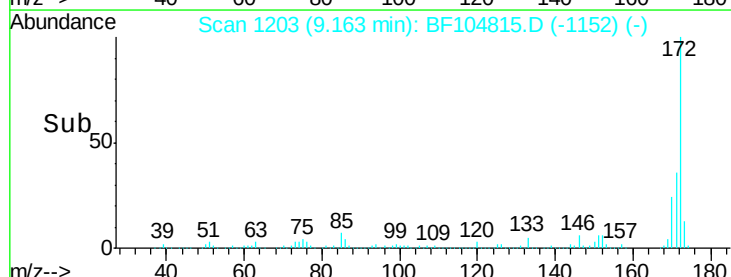
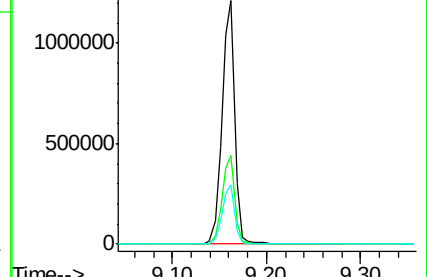
170 24.2 19.6 29.4

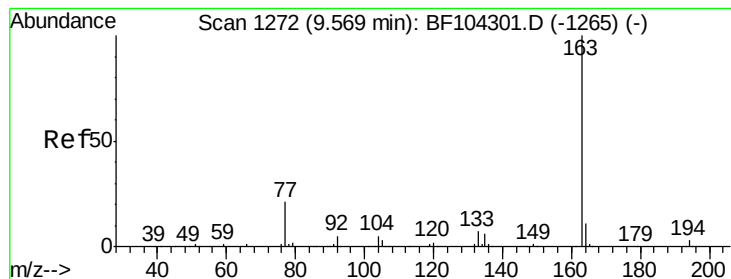


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.827 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF104815.D

Acq: 26 Apr 2018 4:19

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-005-ABCD

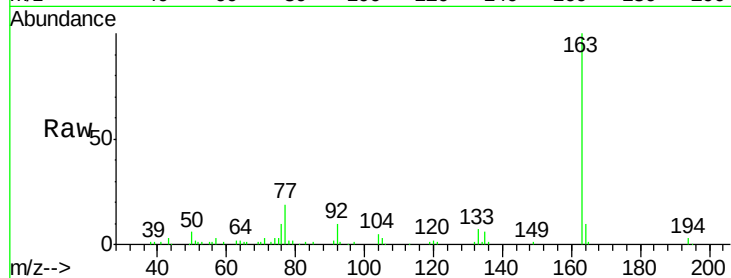
Tot Ion:163 Resp: 83960

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

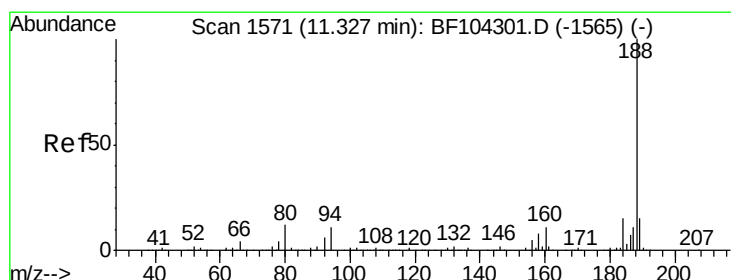
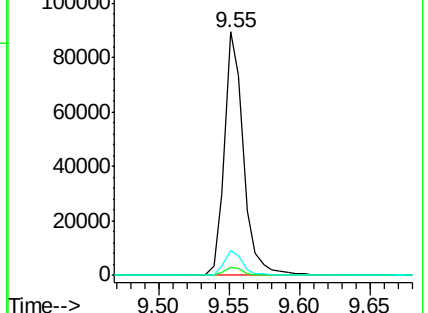
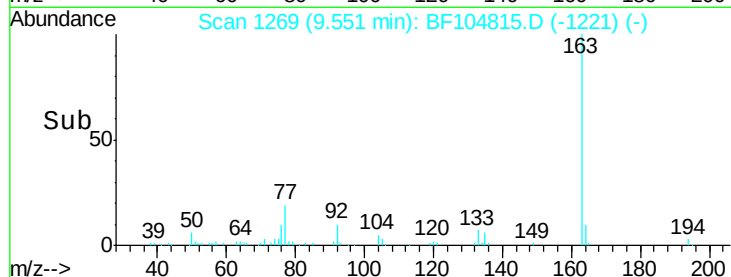
164 10.1 8.2 12.2



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: BF104815.D

Acq: 26 Apr 2018 4:19

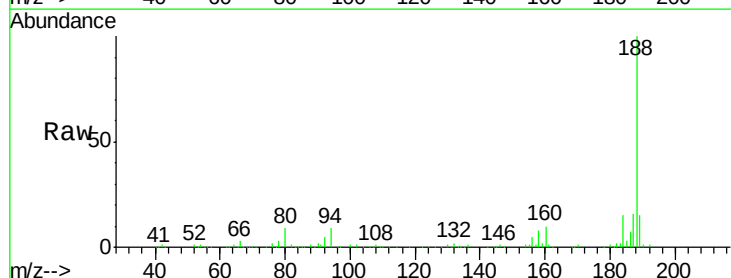
Tgt Ion:188 Resp: 264242

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

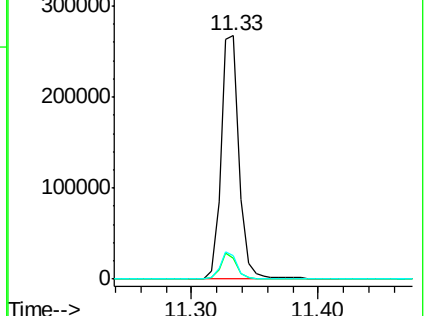
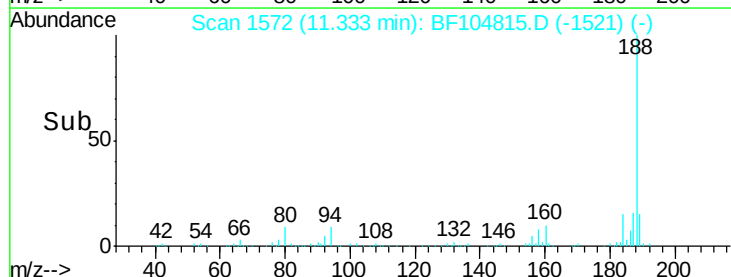
80 9.4 9.2 13.8

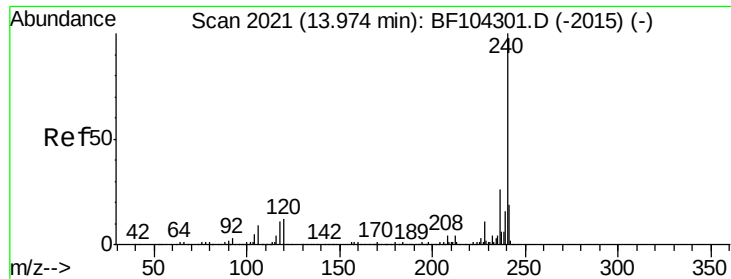


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104815.D

Acq: 26 Apr 2018 4:19

Instrument :

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ClientSampleId :

FK-EF-01-005-ABCD

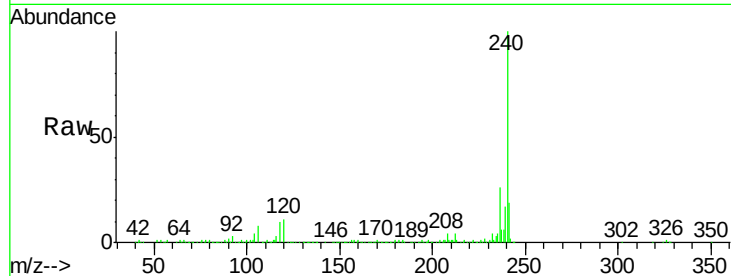
Tot Ion:240 Resp: 237018

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

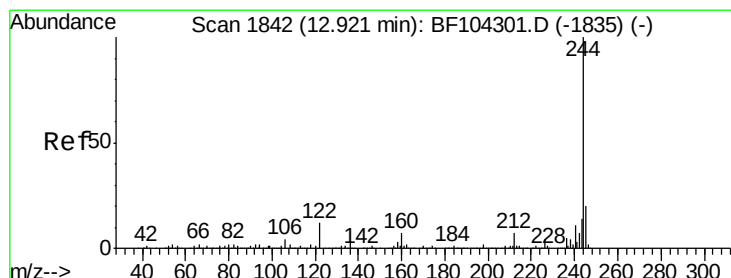
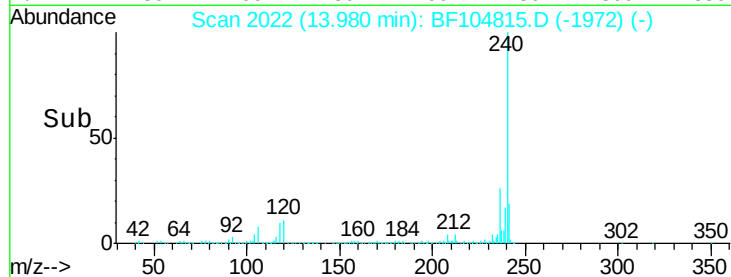
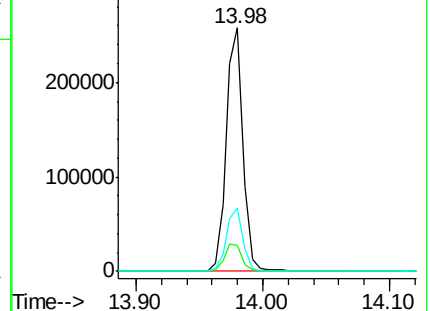
236 25.8 20.7 31.1



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



#78

Terphenyl-d14

Concen: 81.269 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104815.D

Acq: 26 Apr 2018 4:19

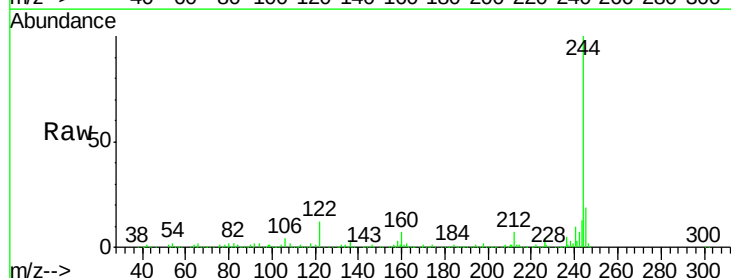
Tgt Ion:244 Resp: 844894

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

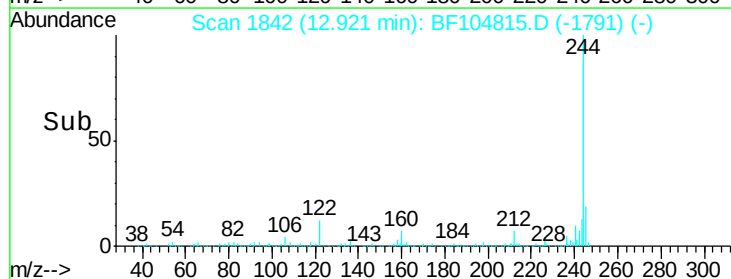
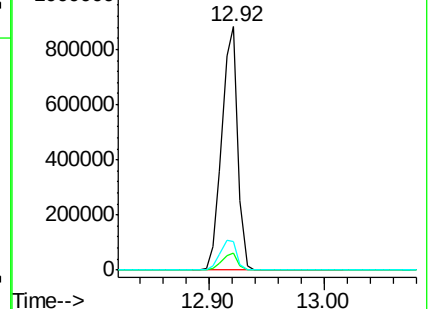
122 11.6 11.0 16.4

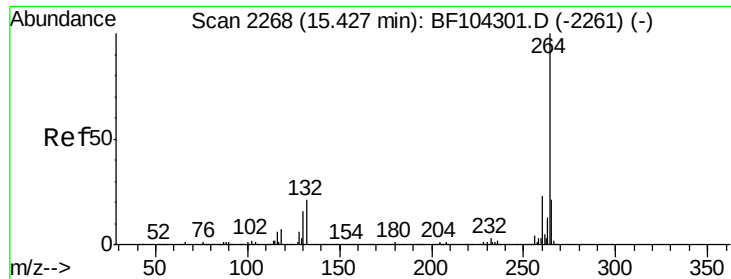


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

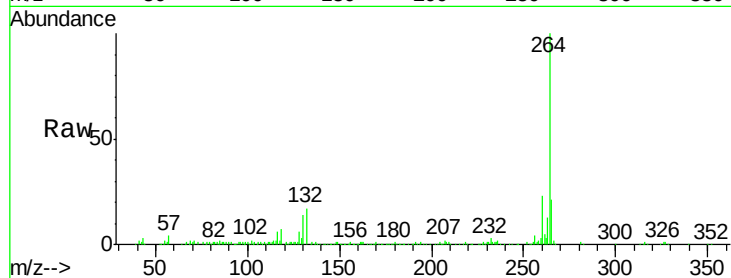




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF104815.D
Acq: 26 Apr 2018 4:19

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-005-ABCD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.8	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

