

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104733.D
 Acq On : 24 Apr 2018 3:53
 Operator : JU/SJ
 Sample : J2494-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 042018-SIDI-E-D-S

Quant Time: Apr 24 05:39:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

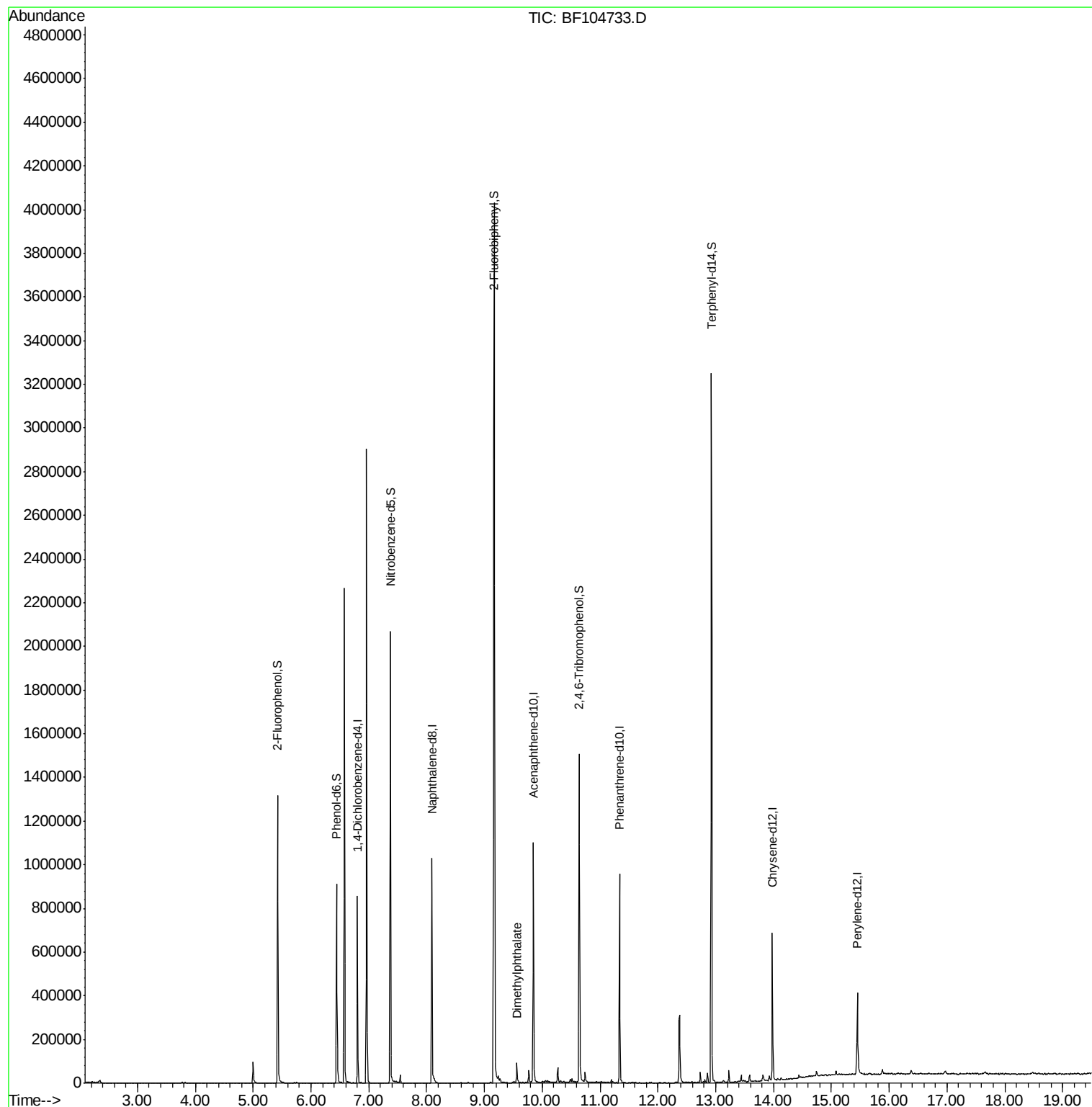
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	117763	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	491479	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	217846	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	360691	20.00	ng	0.00
75) Chrysene-d12	13.98	240	228264	20.00	ng	0.00
86) Perylene-d12	15.45	264	170759	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	375640	48.77	ng	0.00
7) Phenol-d6	6.45	99	295386	31.22	ng	0.00
23) Nitrobenzene-d5	7.37	82	785349	104.34	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	204368	90.44	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1354035	98.19	ng	0.00
78) Terphenyl-d14	12.93	244	1190665	118.92	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	39953	2.326	ng	99

(#) = 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: BF104733.D

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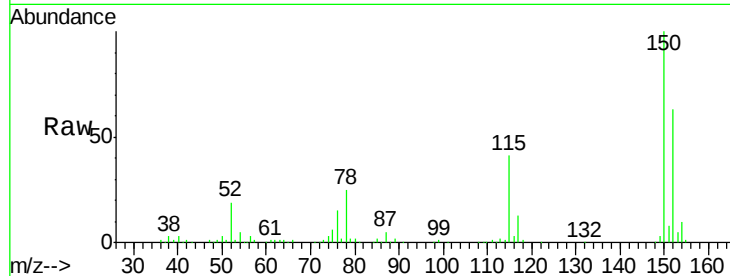
Tot Ion:152 Resp: 117763

Ion Ratio Lower Upper

152 100

150 158.1 124.6 186.8

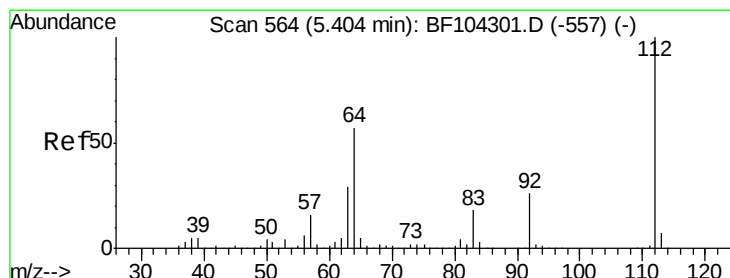
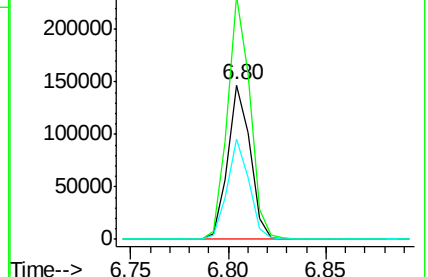
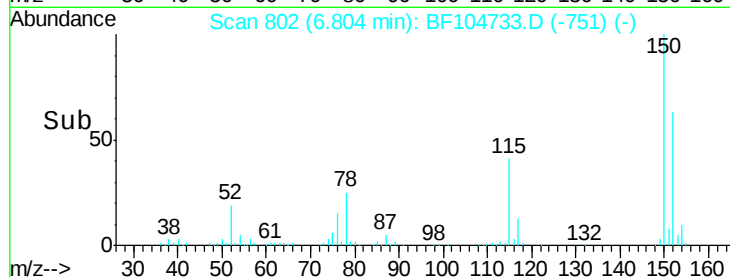
115 64.8 50.1 75.1



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: 48.774 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF104733.D

Acq: 24 Apr 2018 3:53

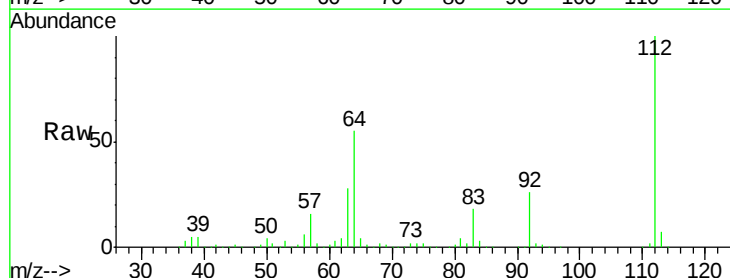
Tgt Ion:112 Resp: 375640

Ion Ratio Lower Upper

112 100

64 54.8 47.9 71.9

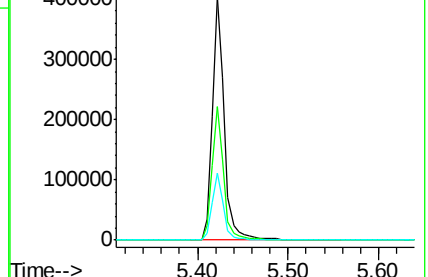
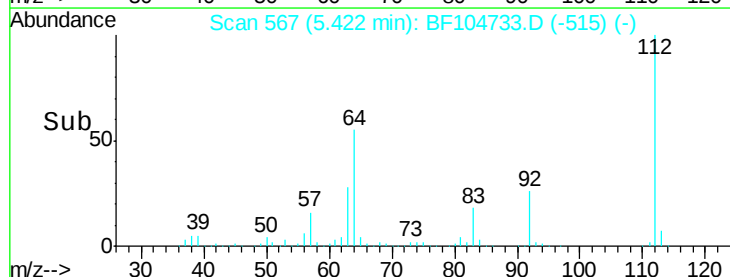
63 27.5 23.7 35.5



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: 31.215 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104733.D

Acq: 24 Apr 2018 3:53

Instrument :

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ClientSampleId :

042018-SIDI-E-D-S

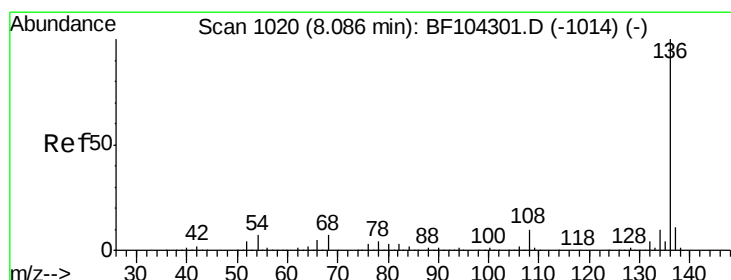
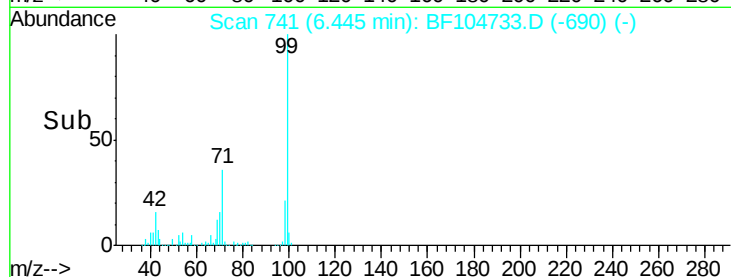
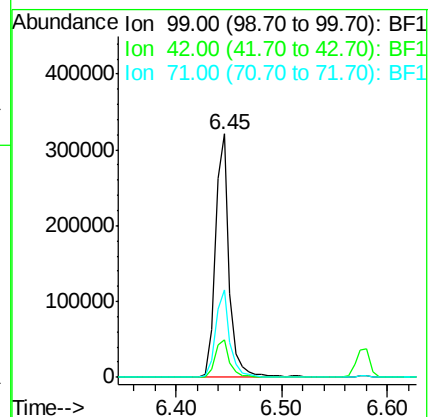
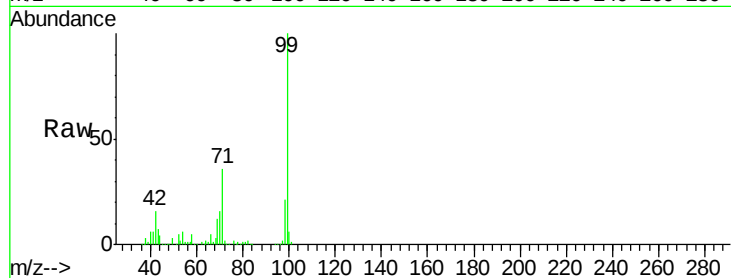
Tot Ion: 99 Resp: 295386

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

71 36.0 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104733.D

Acq: 24 Apr 2018 3:53

Tgt Ion: 136 Resp: 491479

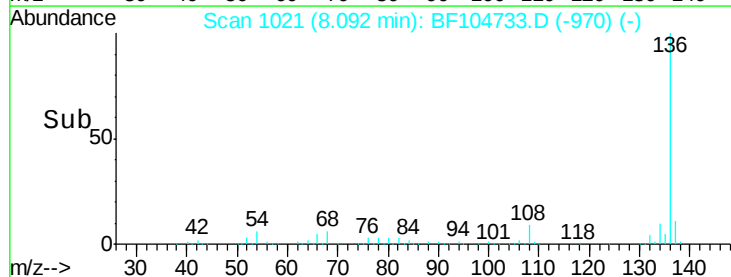
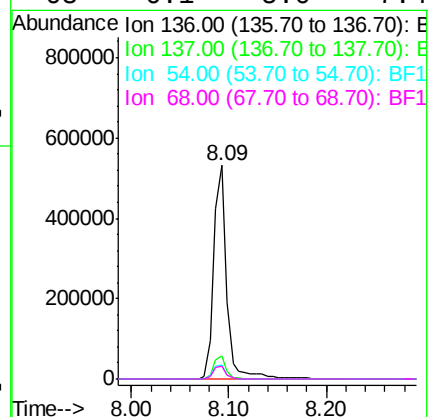
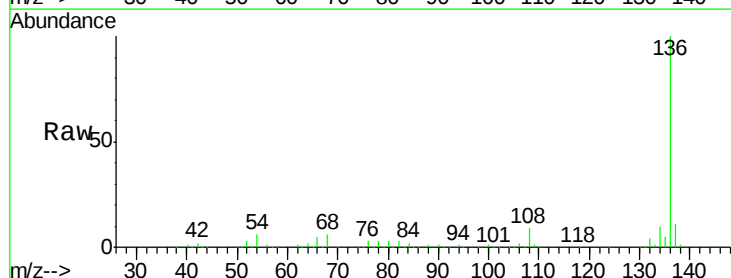
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.5 6.6 9.8#

68 6.1 5.0 7.4

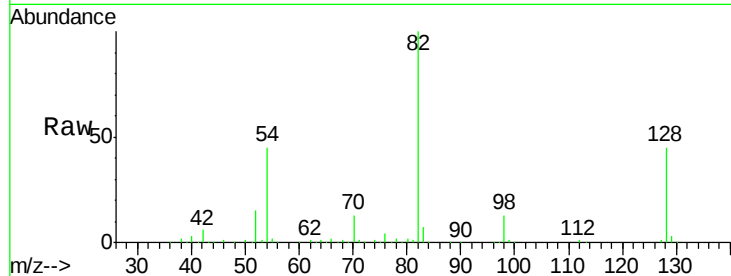




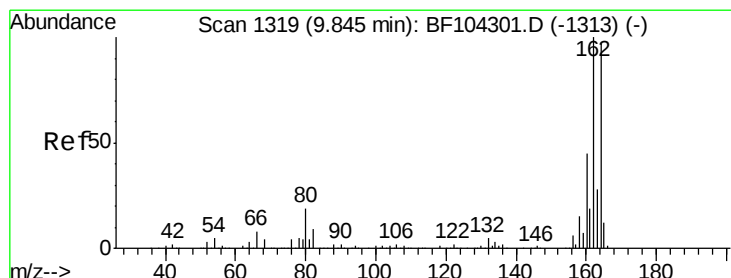
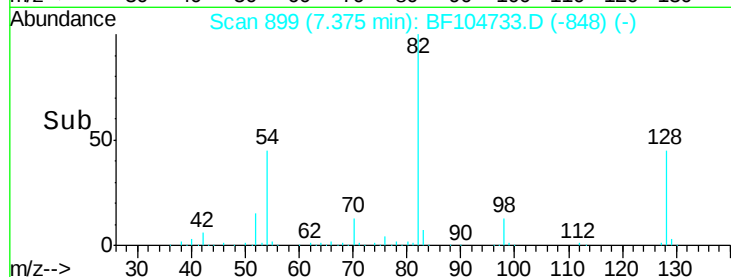
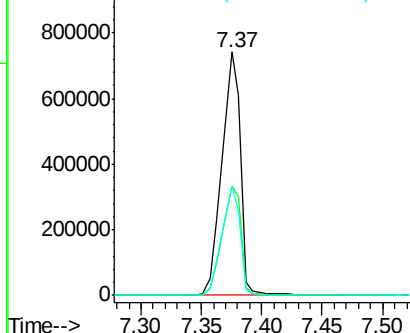
#23
 Nitrobenzene-d5
 Concen: 104.342 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104733.D
 Acq: 24 Apr 2018 3:53

Instrument :
 BNA_F
 ClientSampleId :
 042018-SIDI-E-D-S

Tot Ion	82	Resp	785349
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	44.9	41.4	62.2

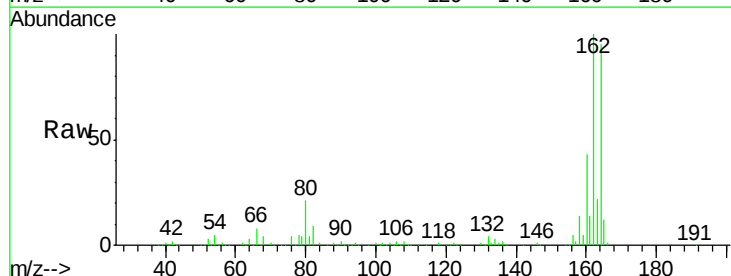


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

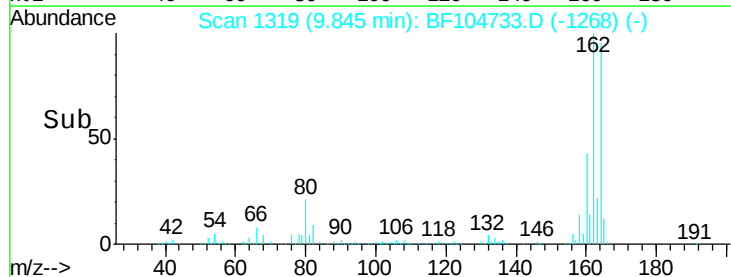
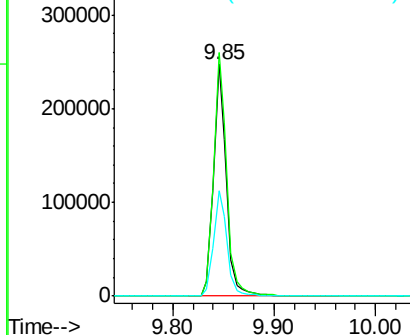


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104733.D
 Acq: 24 Apr 2018 3:53

Tgt Ion	164	Resp	217846
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	105.1	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

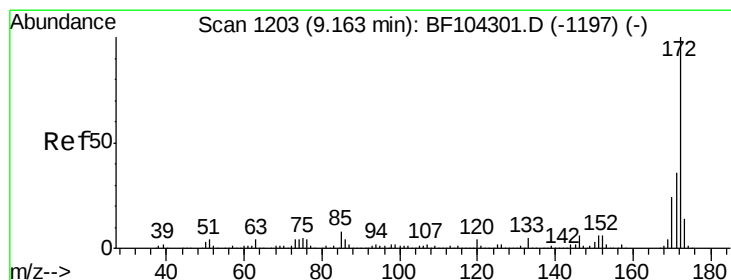
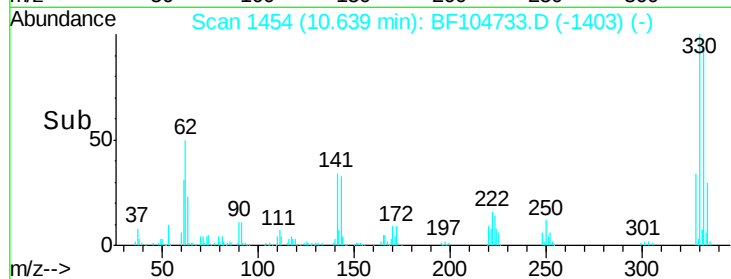
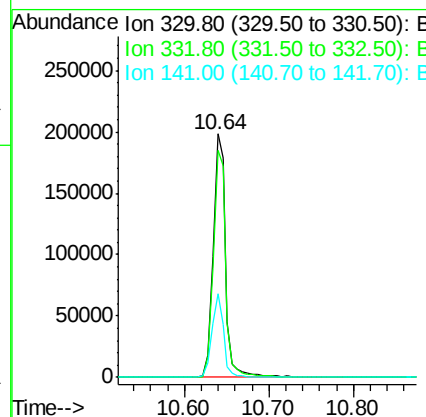
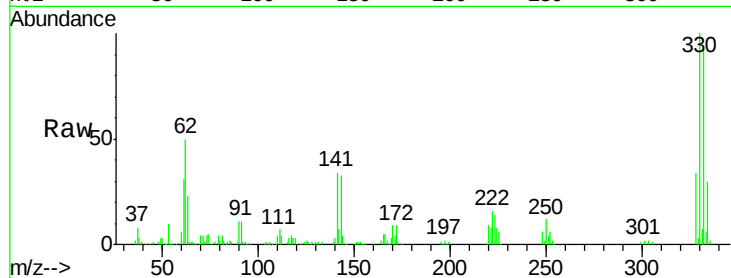




#41
 2,4,6-Tribromophenol
 Concen: 90.437 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104733.D
 Acq: 24 Apr 2018 3:53

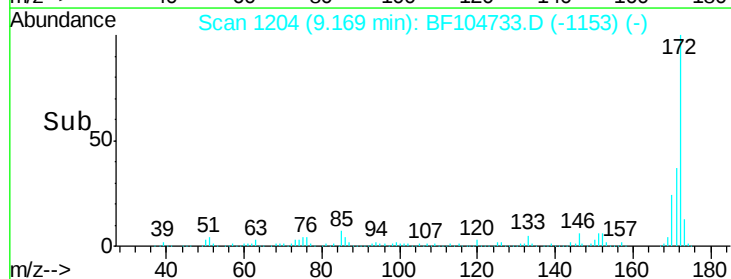
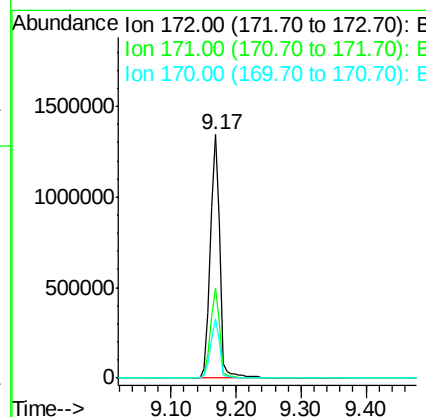
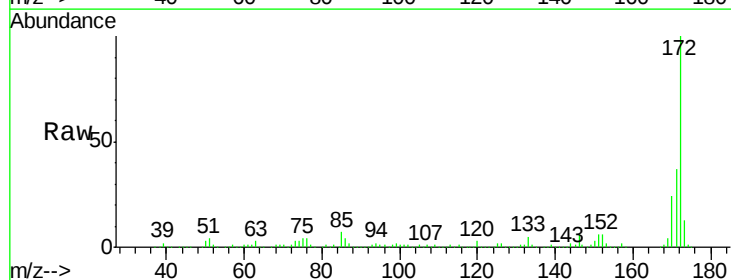
Instrument :
 BNA_F
 ClientSampleId :
 042018-SIDI-E-D-S

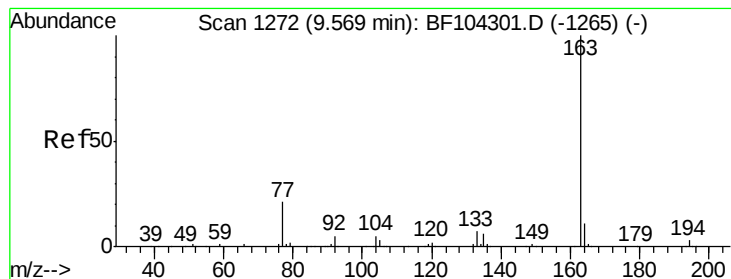
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	32.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 98.190 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104733.D
 Acq: 24 Apr 2018 3:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.4	19.6	29.4





#49

Dimethylphthalate

Concen: 2.326 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104733.D

Acq: 24 Apr 2018 3:53

Instrument :

BNA_F

ClientSampleId :

042018-SIDI-E-D-S

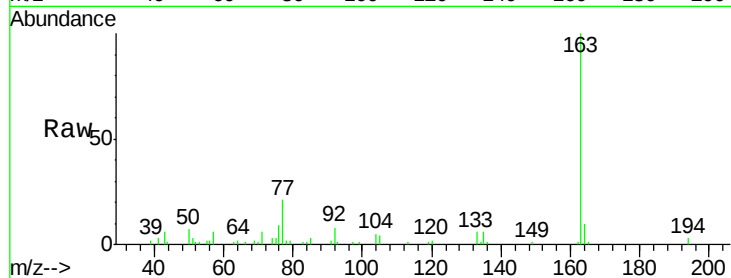
Tot Ion:163 Resp: 39953

Ion Ratio Lower Upper

163 100

194 2.9 2.7 4.1

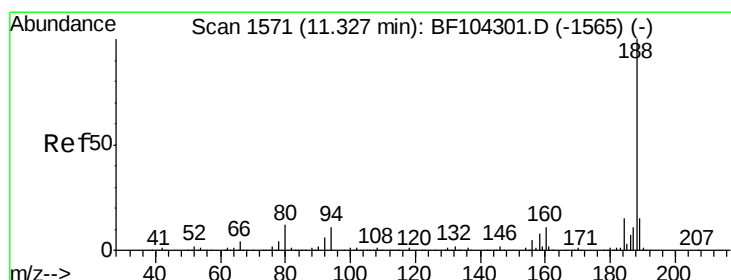
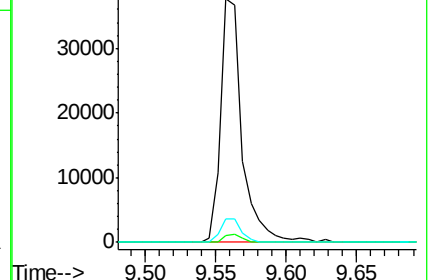
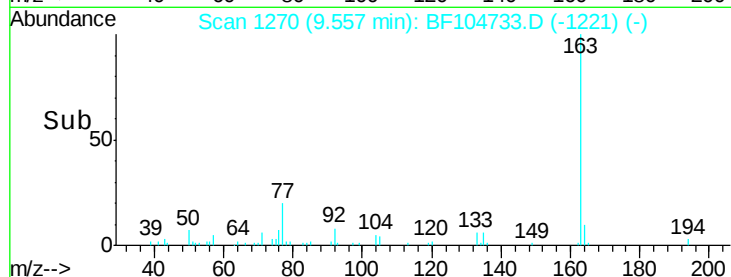
164 9.8 8.2 12.2



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: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF104733.D

Acq: 24 Apr 2018 3:53

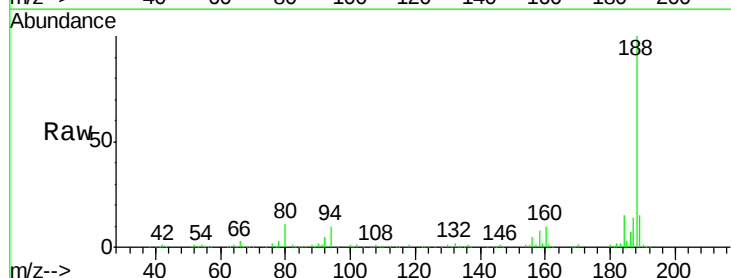
Tgt Ion:188 Resp: 360691

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

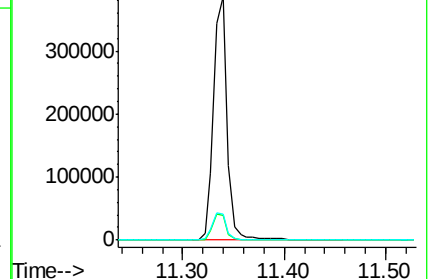
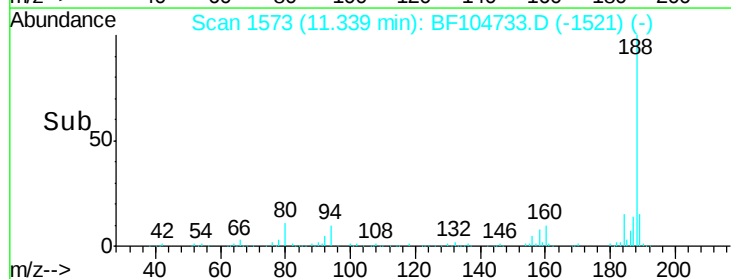
80 10.6 9.2 13.8

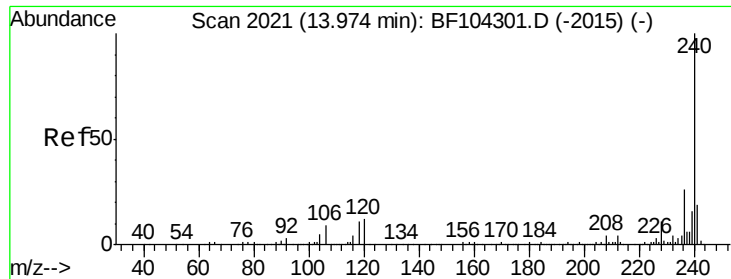


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

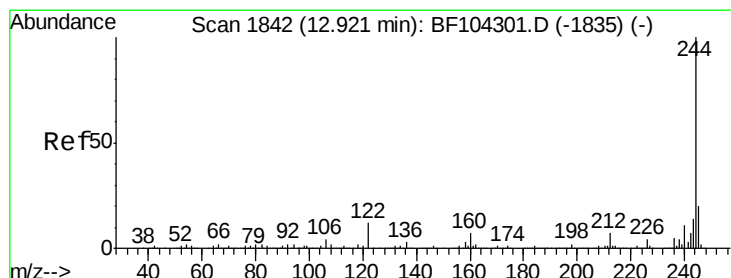
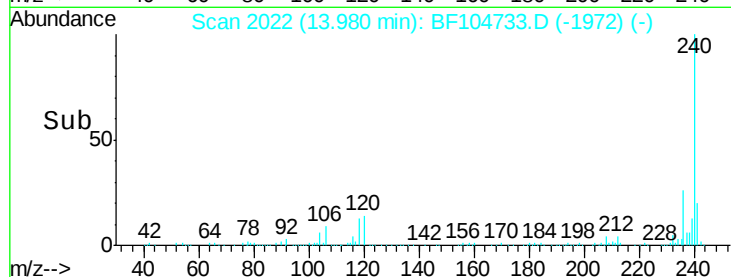
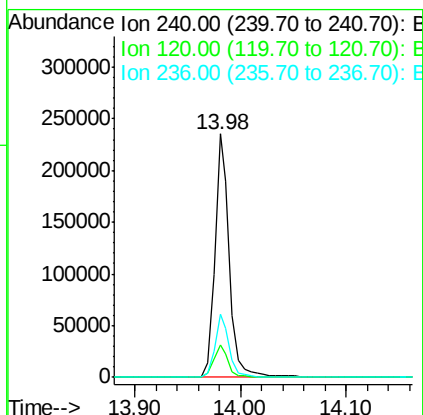
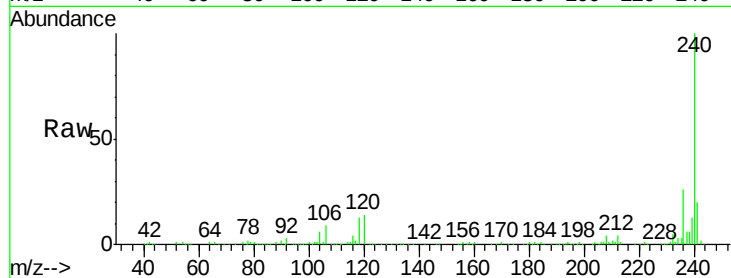




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104733.D
Acq: 24 Apr 2018 3:53

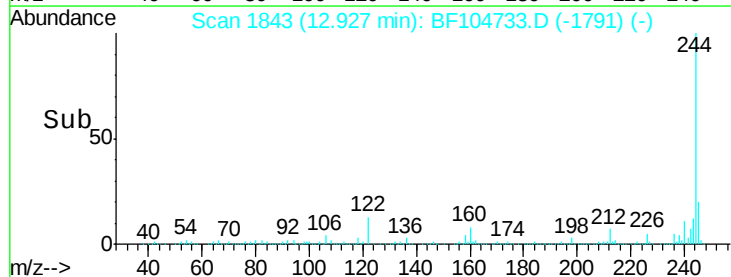
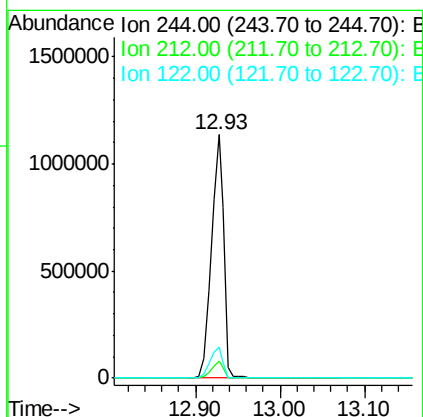
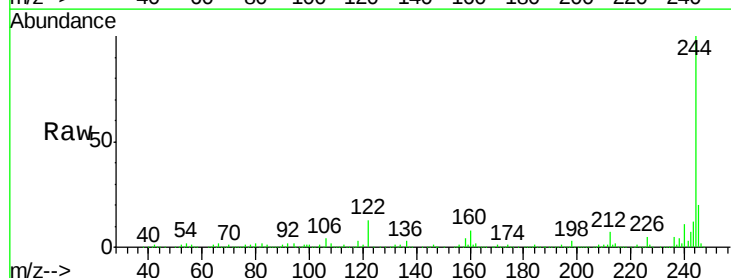
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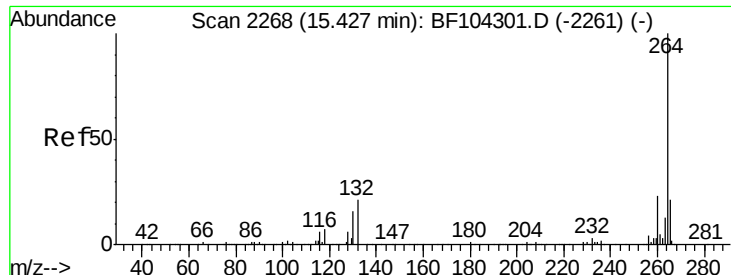
Tot Ion:240 Resp: 228264
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 25.9 20.7 31.1



#78
Terphenyl-d14
Concen: 118.920 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF104733.D
Acq: 24 Apr 2018 3:53

Tgt Ion:244 Resp: 1190665
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 13.0 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF104733.D
Acq: 24 Apr 2018 3:53

Instrument :
BNA_F
ClientSampleId :
042018-SIDI-E-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.5	26.3

