

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104735.D
 Acq On : 24 Apr 2018 4:46
 Operator : JU/SJ
 Sample : J2494-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 042018-SIDI-E-U-M

Quant Time: Apr 24 05:42:34 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	116277	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	467861	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	197082	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	318776	20.00	ng	0.00
75) Chrysene-d12	13.98	240	210883	20.00	ng	0.00
86) Perylene-d12	15.46	264	155597	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	343456	45.16	ng	0.00
7) Phenol-d6	6.44	99	258795	27.70	ng	0.00
23) Nitrobenzene-d5	7.37	82	726431	101.39	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	168188	82.27	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1259326	100.94	ng	0.00
78) Terphenyl-d14	12.93	244	1060500	114.65	ng	0.00

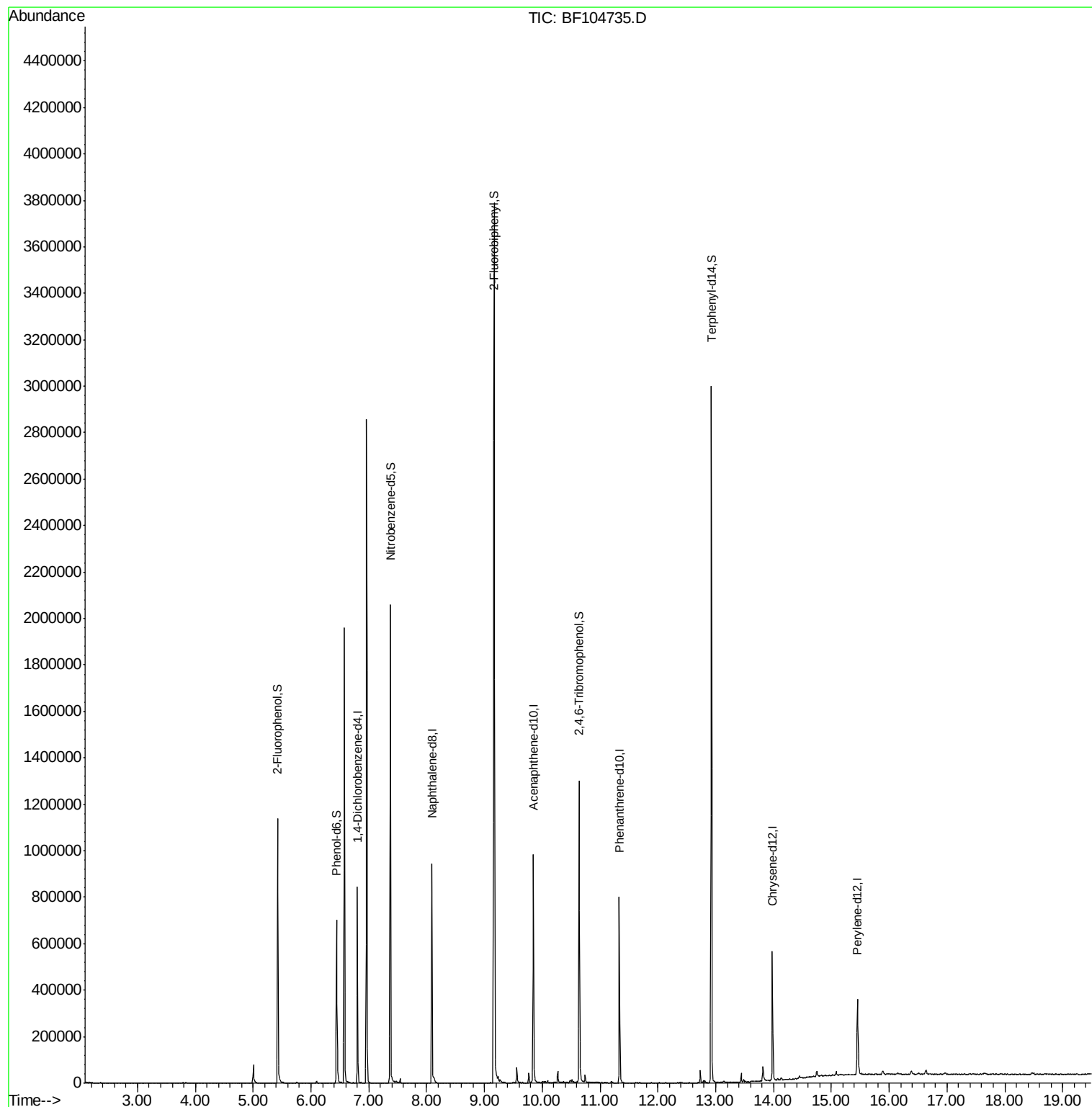
Target Compounds Qvalue

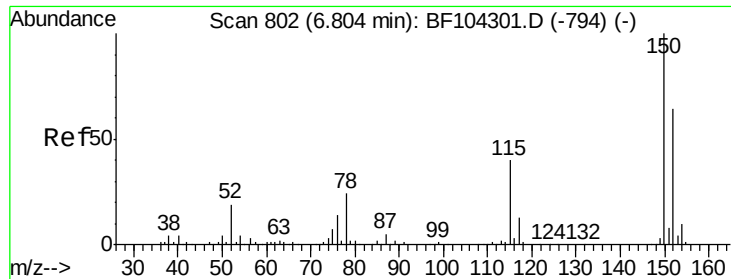
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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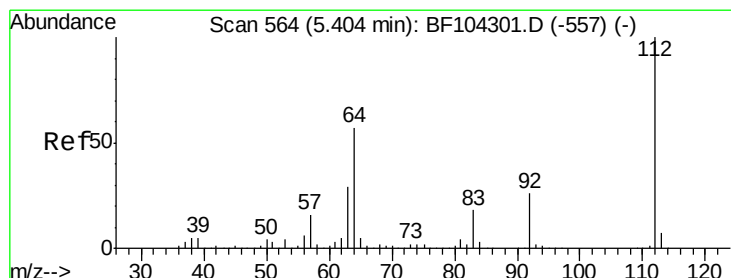
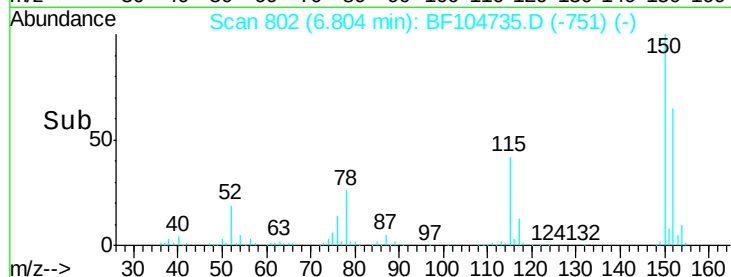
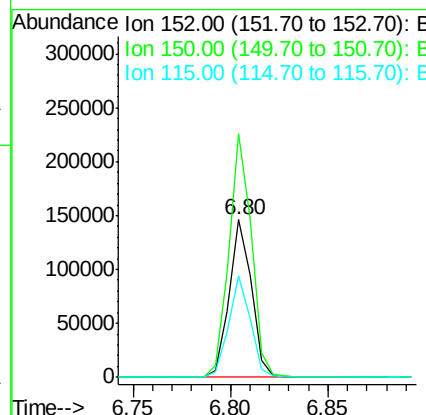
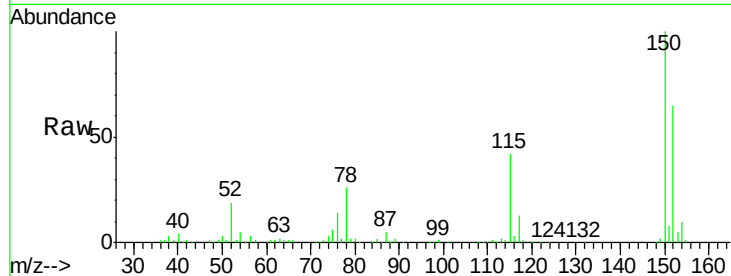


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104735.D
Acq: 24 Apr 2018 4:46

Instrument :
BNA_F
ClientSampleId :
042018-SIDI-E-U-M

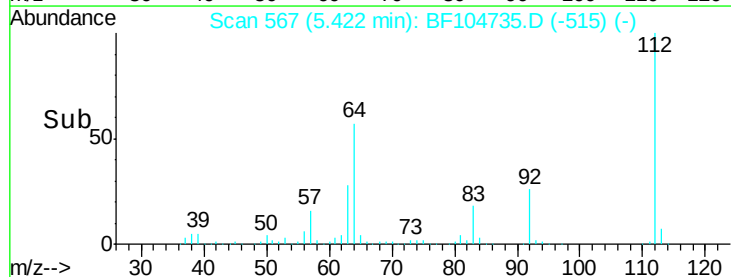
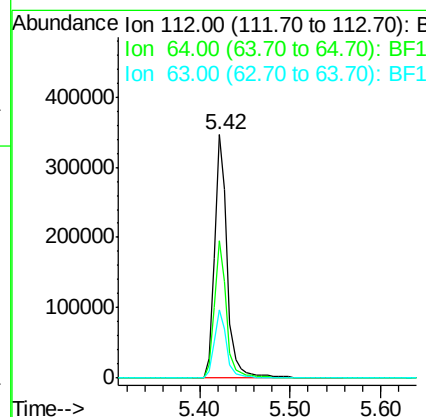
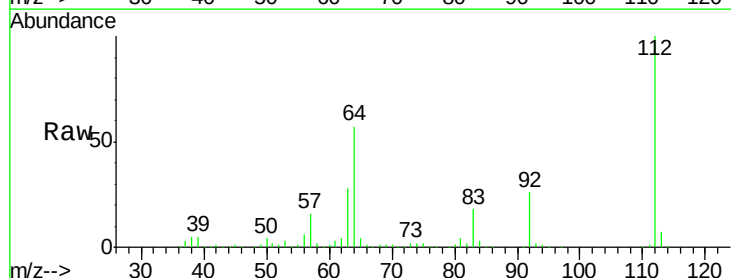
Tot Ion:152 Resp: 116277
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 64.4 50.1 75.1

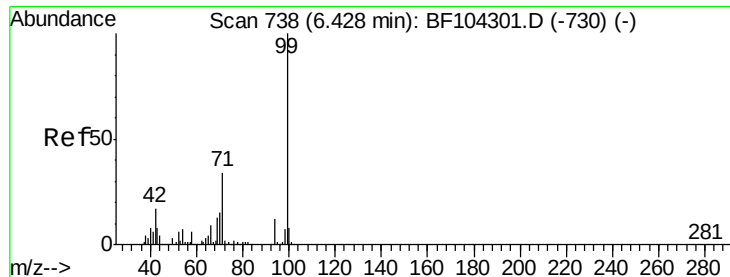


#5

2-Fluorophenol
Concen: 45.165 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104735.D
Acq: 24 Apr 2018 4:46

Tgt Ion:112 Resp: 343456
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 28.0 23.7 35.5





#7

Phenol-d6

Concen: 27.698 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104735.D

Acq: 24 Apr 2018 4:46

Instrument :

BNA_F

ClientSampleId :

042018-SIDI-E-U-M

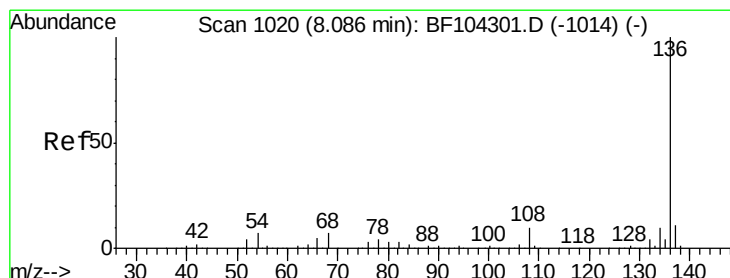
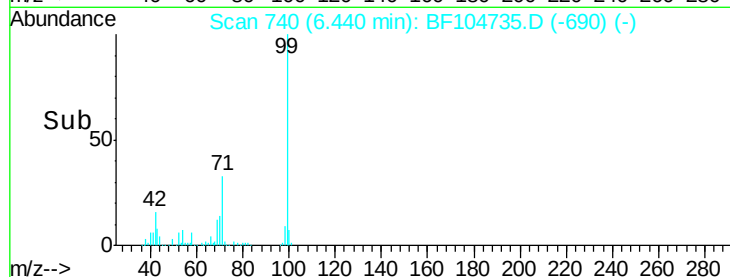
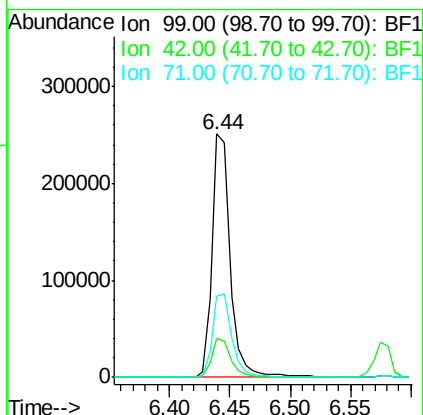
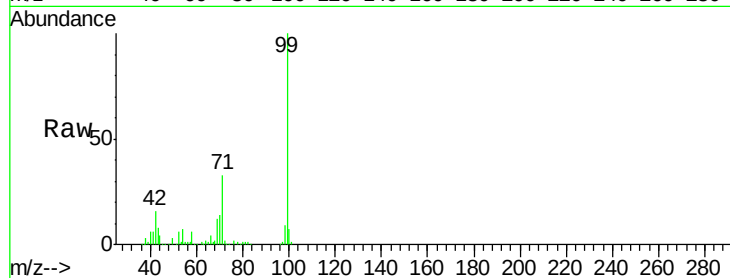
Tot Ion: 99 Resp: 258795

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

71 33.4 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: BF104735.D

Acq: 24 Apr 2018 4:46

Tgt Ion: 136 Resp: 467861

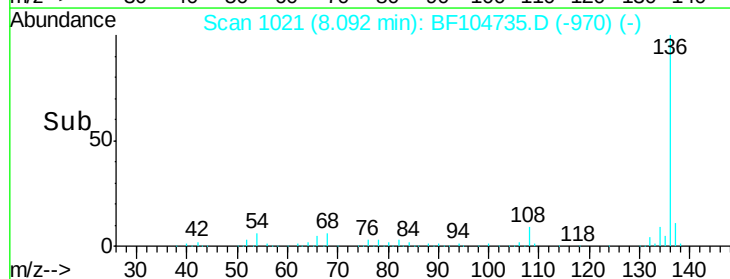
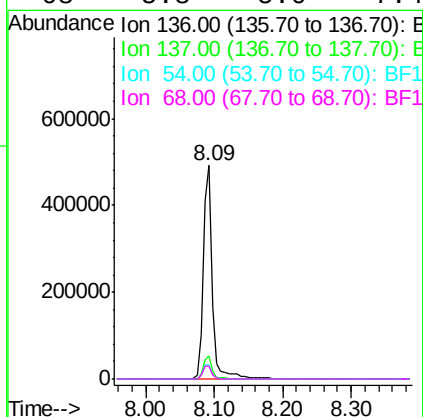
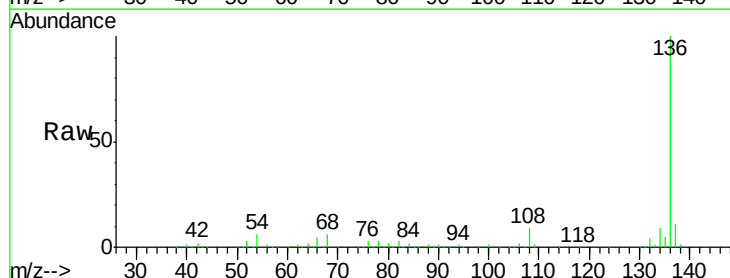
Ion Ratio Lower Upper

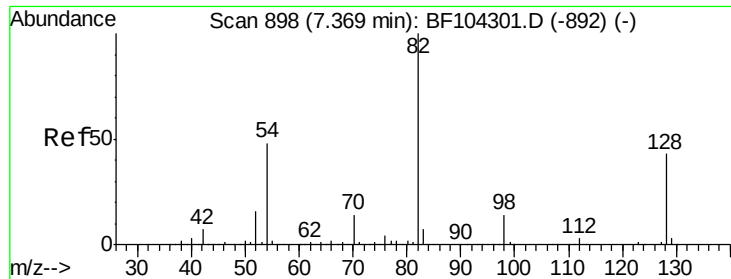
136 100

137 10.9 8.9 13.3

54 6.4 6.6 9.8#

68 5.8 5.0 7.4

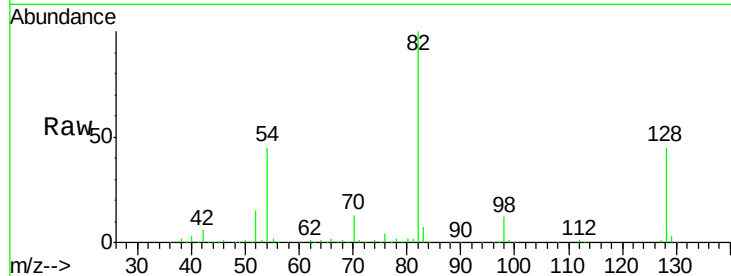




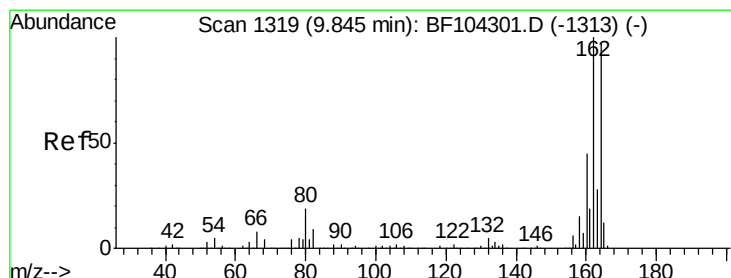
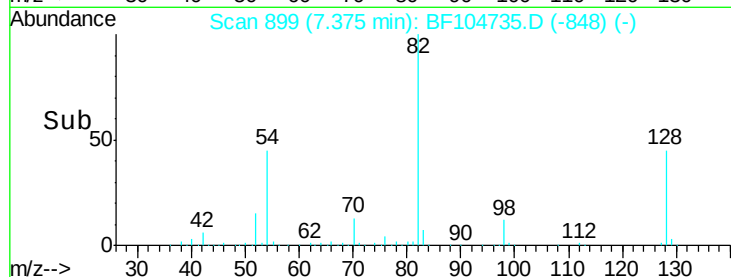
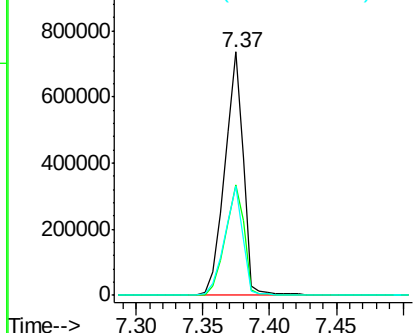
#23
 Nitrobenzene-d5
 Concen: 101.386 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104735.D
 Acq: 24 Apr 2018 4:46

Instrument :
 BNA_F
 ClientSampleId :
 042018-SIDI-E-U-M

Tot Ion: 82 Resp: 726431
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 45.0 41.4 62.2

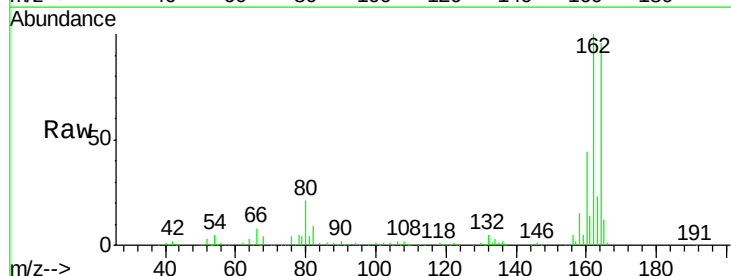


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

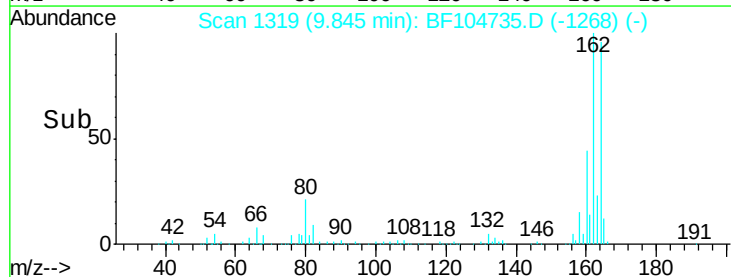
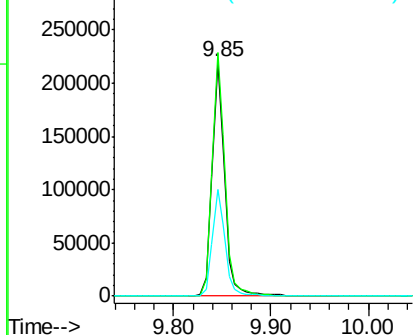


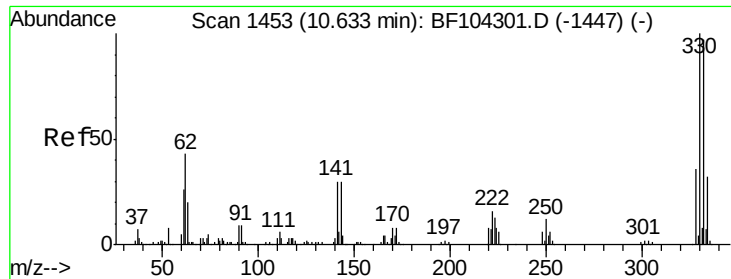
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104735.D
 Acq: 24 Apr 2018 4:46

Tgt Ion: 164 Resp: 197082
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 45.5 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: 82.268 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF104735.D

Acq: 24 Apr 2018 4:46

Instrument :

BNA_F

ClientSampleId :

042018-SIDI-E-U-M

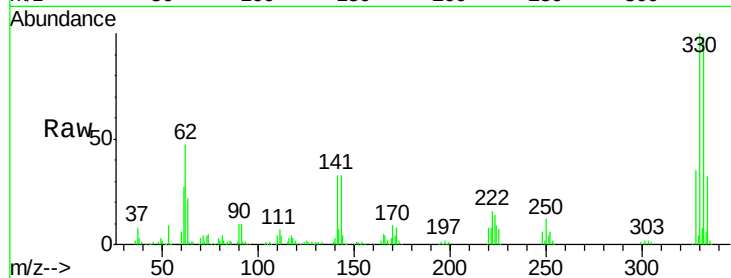
Tot Ion:330 Resp: 168188

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

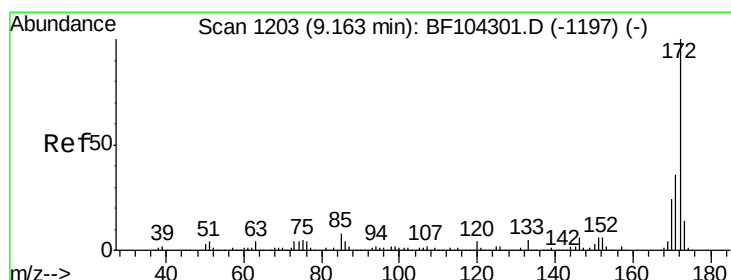
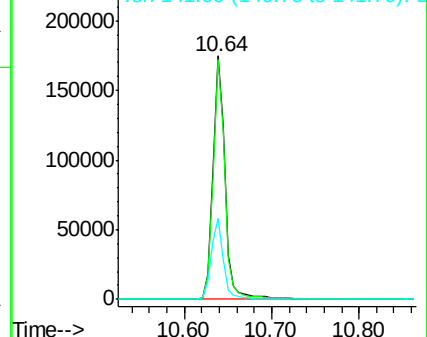
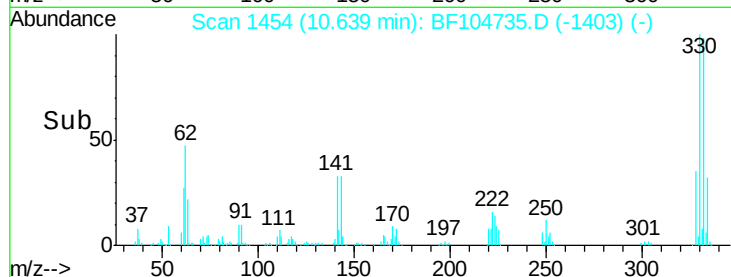
141 33.3 29.9 44.9



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: 100.944 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF104735.D

Acq: 24 Apr 2018 4:46

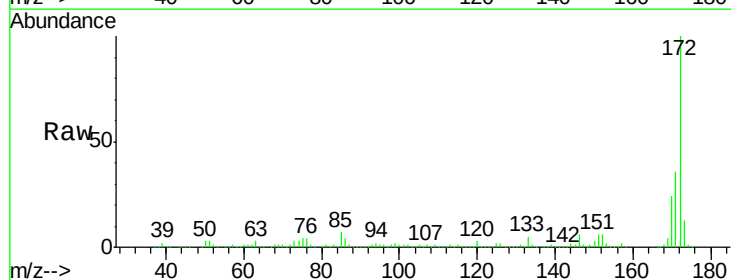
Tgt Ion:172 Resp: 1259326

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

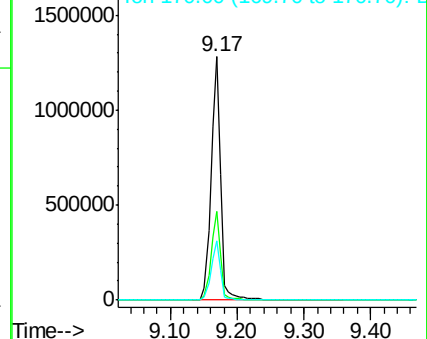
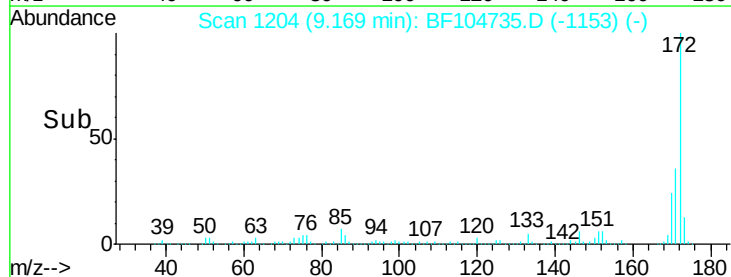
170 24.2 19.6 29.4

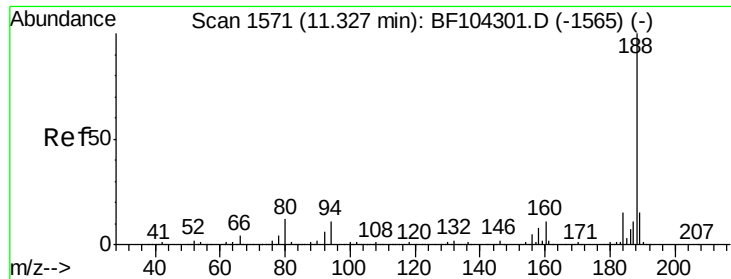


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

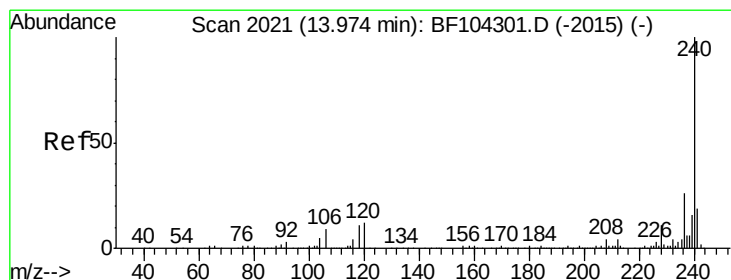
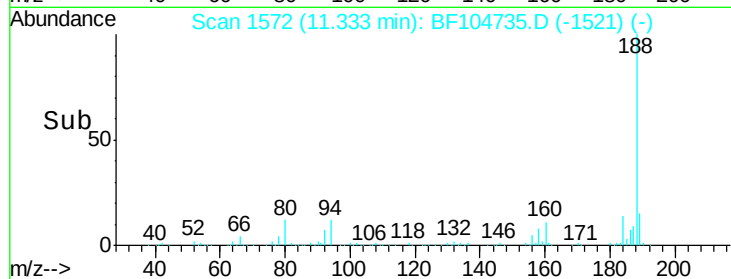
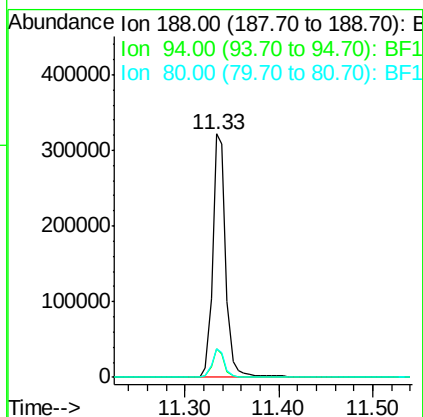
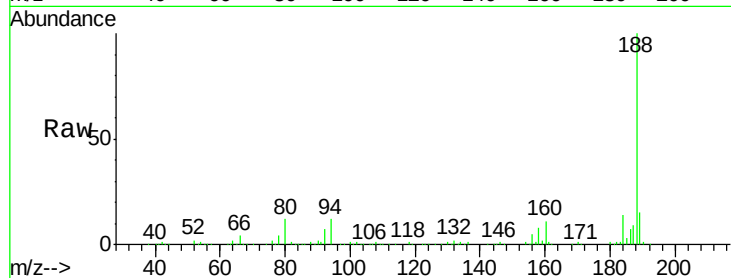




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104735.D
Acq: 24 Apr 2018 4:46

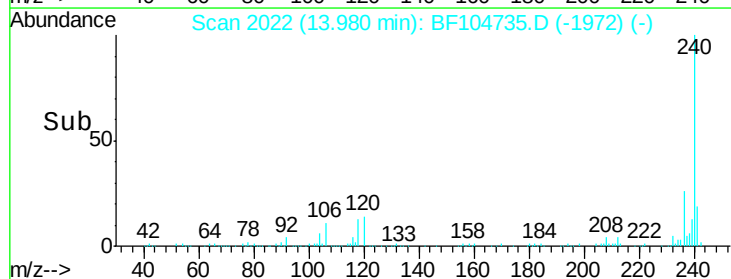
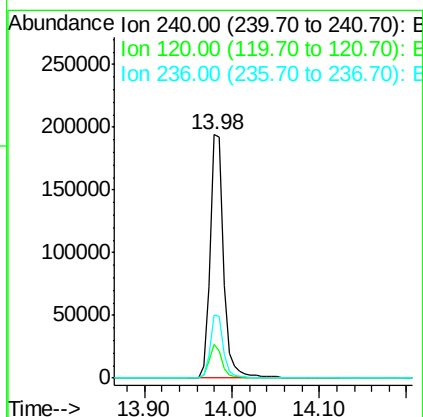
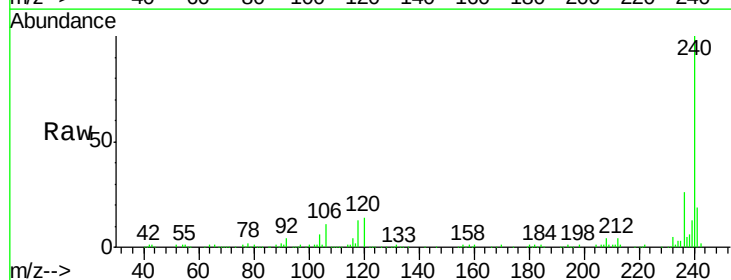
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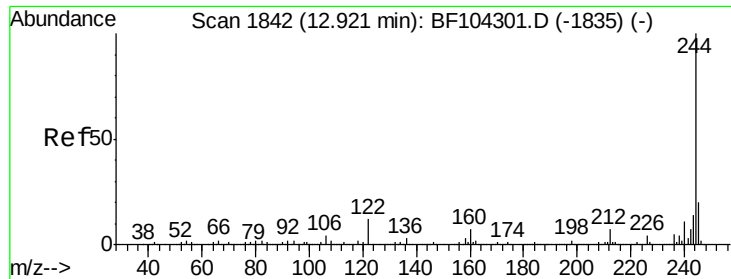
Tot Ion:188 Resp: 318776
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 11.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104735.D
Acq: 24 Apr 2018 4:46

Tgt Ion:240 Resp: 210883
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 25.9 20.7 31.1

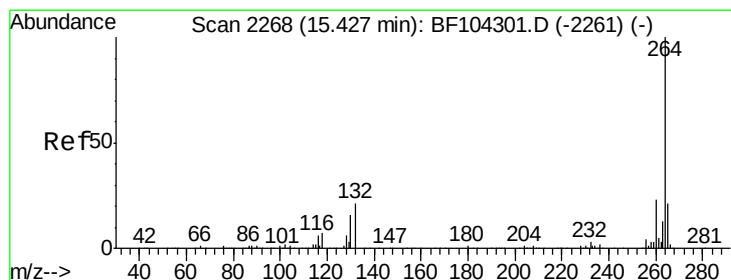
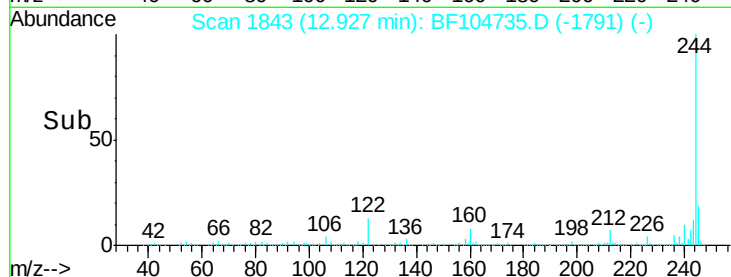
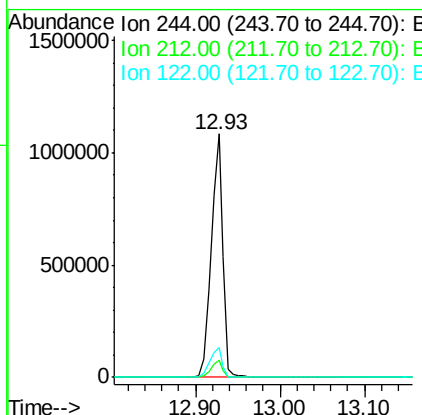
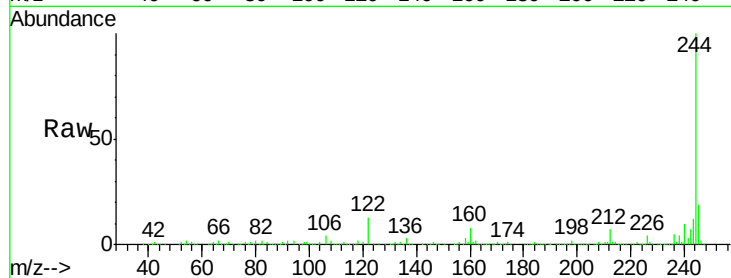




#78
 Terphenyl-d14
 Concen: 114.649 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104735.D
 Acq: 24 Apr 2018 4:46

Instrument :
 BNA_F
 ClientSampleId :
 042018-SIDI-E-U-M

Tot Ion:244 Resp: 1060500
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF104735.D
 Acq: 24 Apr 2018 4:46

Tgt Ion:264 Resp: 155597
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.9 17.5 26.3

