

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104730.D
 Acq On : 24 Apr 2018 2:34
 Operator : JU/SJ
 Sample : J2494-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Apr 24 05:35:22 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	110120	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	448324	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	193355	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	333268	20.00	ng	0.00
75) Chrysene-d12	13.99	240	233079	20.00	ng	0.00
86) Perylene-d12	15.45	264	167660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	318838	44.27	ng	0.00
7) Phenol-d6	6.45	99	241785	27.32	ng	0.00
23) Nitrobenzene-d5	7.37	82	702589	102.33	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	185484	92.48	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1200468	98.08	ng	0.00
78) Terphenyl-d14	12.93	244	1187105	116.11	ng	0.00

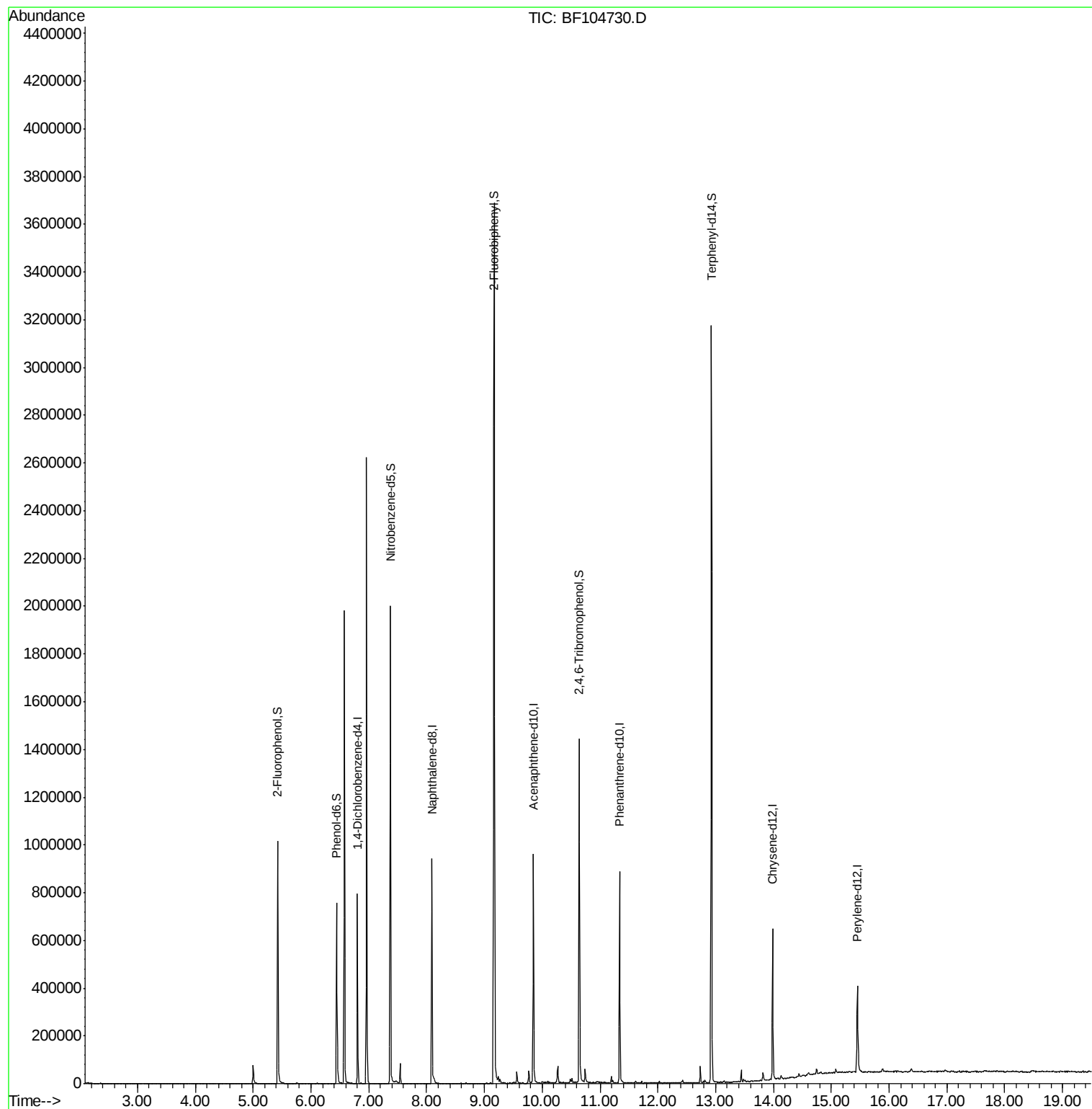
Target Compounds Qvalue

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

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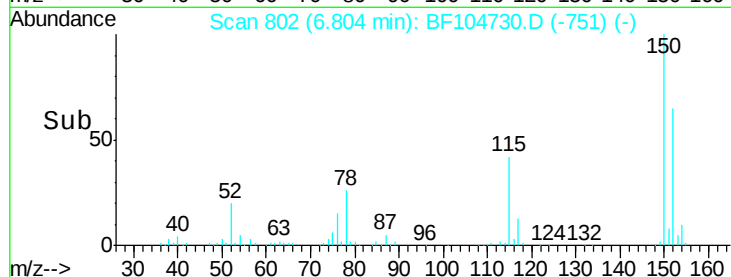
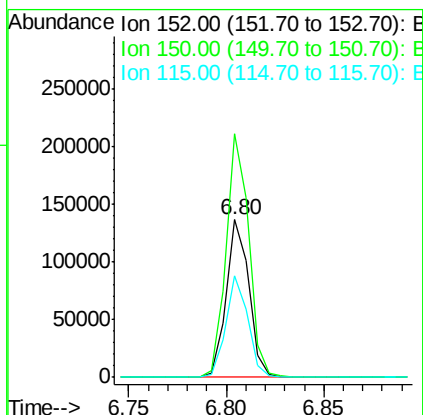
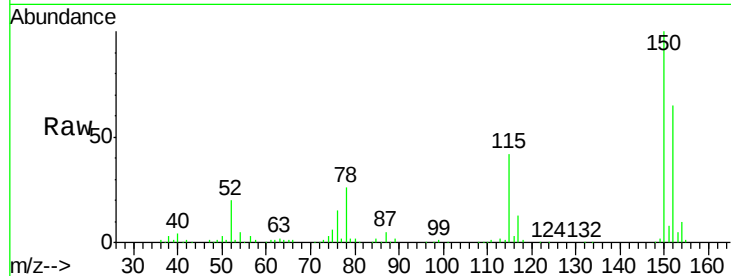


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104730.D
Acq: 24 Apr 2018 2:34

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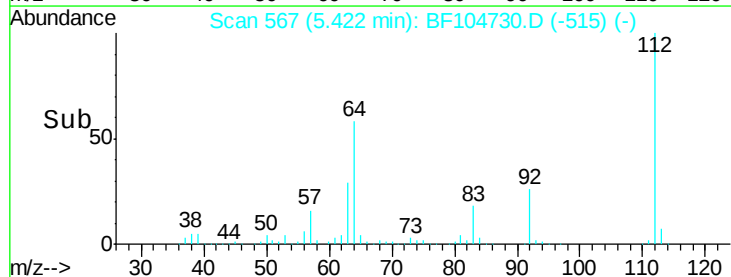
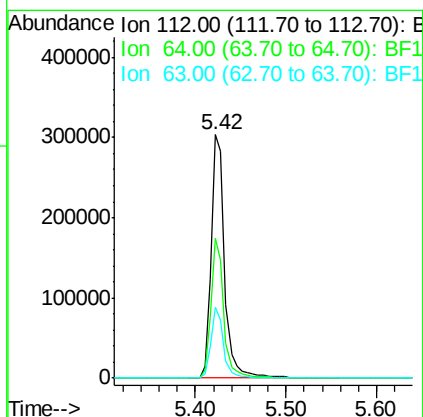
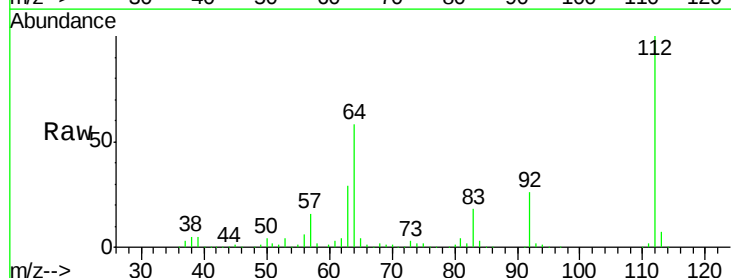
Tot Ion:152 Resp: 110120
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 64.2 50.1 75.1



#5

2-Fluorophenol
Concen: 44.272 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104730.D
Acq: 24 Apr 2018 2:34

Tgt Ion:112 Resp: 318838
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 29.0 23.7 35.5





#7

Phenol-d6

Concen: 27.324 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104730.D

Acq: 24 Apr 2018 2:34

Instrument :

BNA_F

ClientSampleId :

042018-JETB-E-U-M

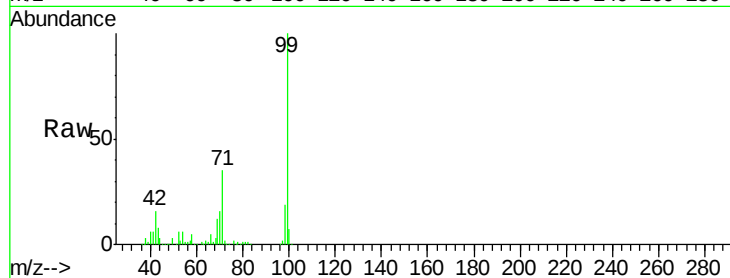
Tot Ion: 99 Resp: 241785

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

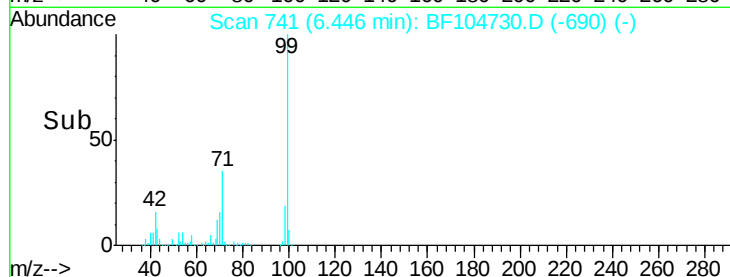
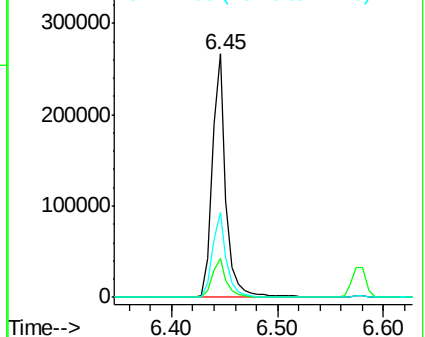
71 35.0 25.4 38.0



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# 1021

Delta R.T. -0.00 min

Lab File: BF104730.D

Acq: 24 Apr 2018 2:34

Tgt Ion: 136 Resp: 448324

Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.3 6.6 9.8#

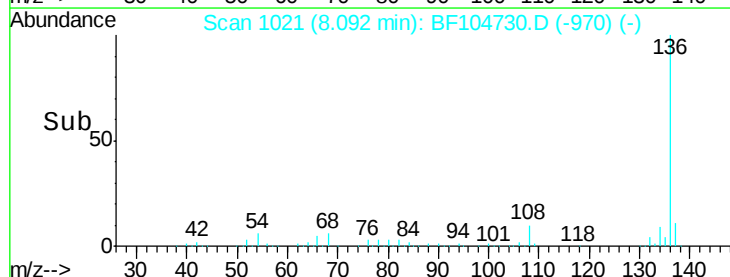
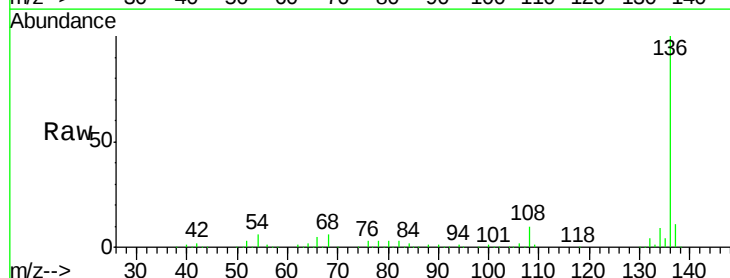
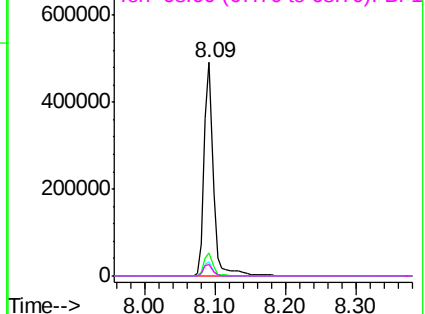
68 5.7 5.0 7.4

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

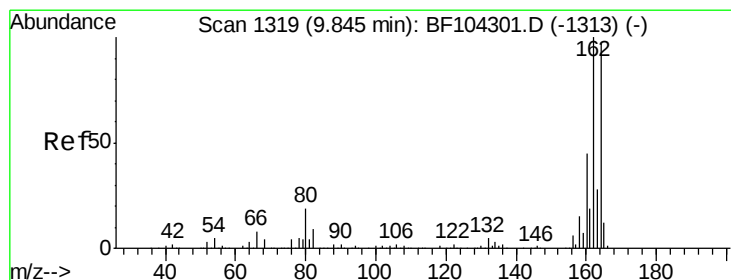
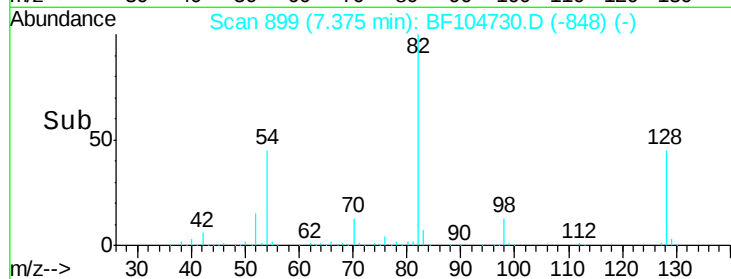
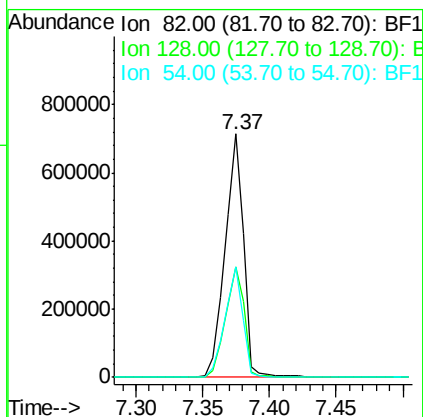
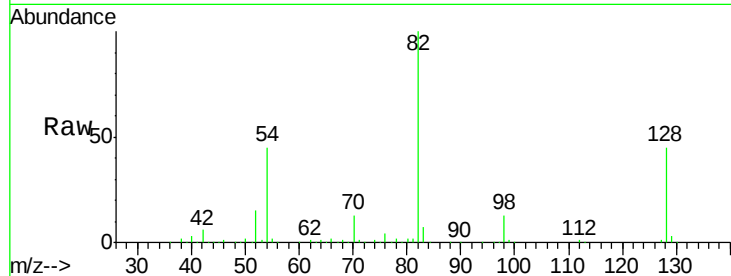




#23
 Nitrobenzene-d5
 Concen: 102.332 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104730.D
 Acq: 24 Apr 2018 2:34

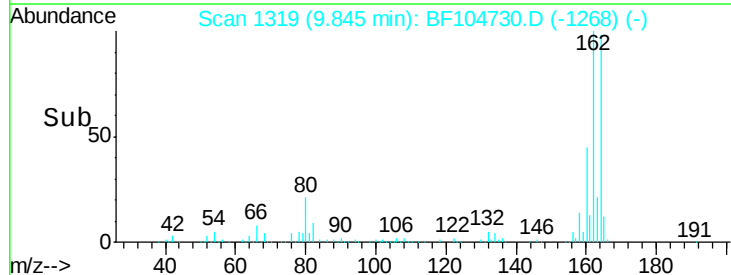
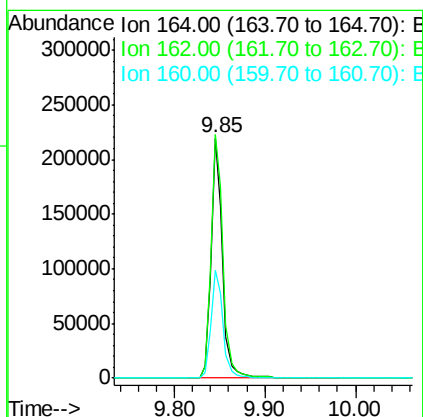
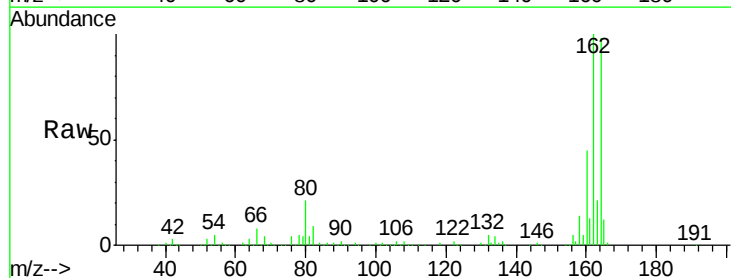
Instrument :
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Tot Ion	82	Resp	702589
Ion Ratio	Lower	Upper	
82	100		
128	45.3	36.1	54.1
54	45.4	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104730.D
 Acq: 24 Apr 2018 2:34

Tgt Ion	164	Resp	193355
Ion Ratio	Lower	Upper	
164	100		
162	101.5	86.1	129.1
160	45.3	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 92.477 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF104730.D

Acq: 24 Apr 2018 2:34

Instrument :

BNA_F

ClientSampleId :

042018-JETB-E-U-M

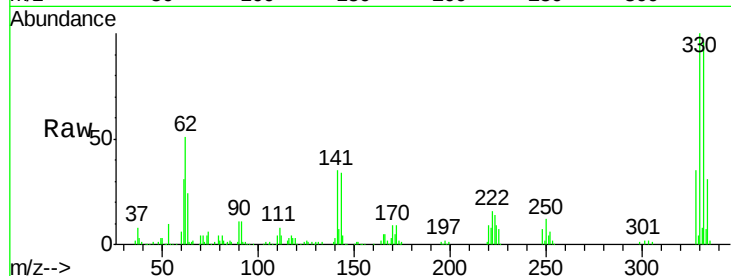
Tot Ion:330 Resp: 185484

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

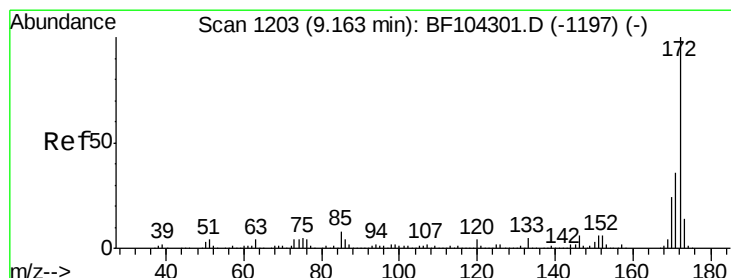
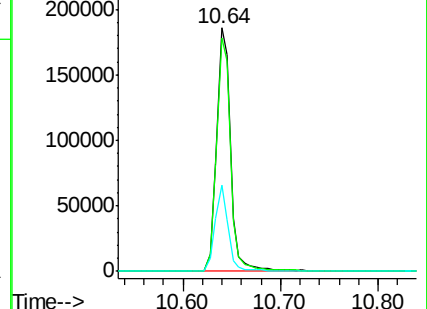
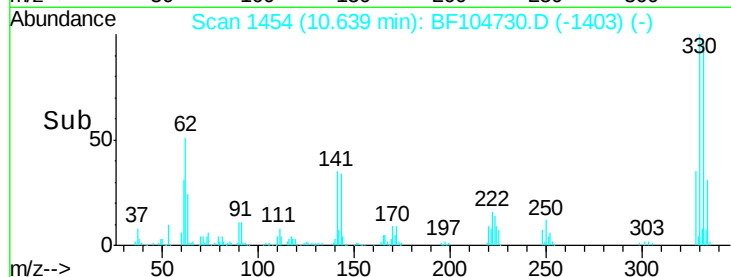
141 33.3 29.9 44.9



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: 98.081 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF104730.D

Acq: 24 Apr 2018 2:34

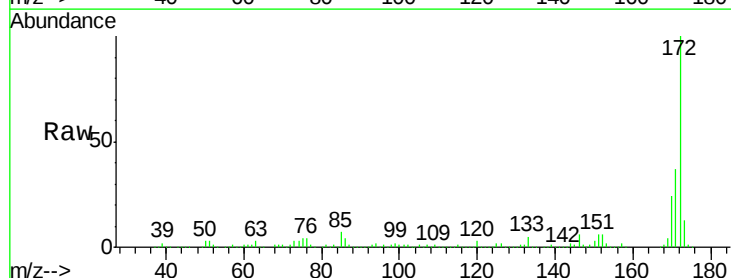
Tgt Ion:172 Resp: 1200468

Ion Ratio Lower Upper

172 100

171 36.8 29.7 44.5

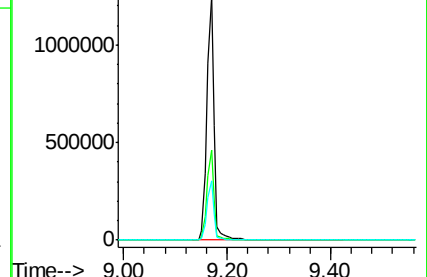
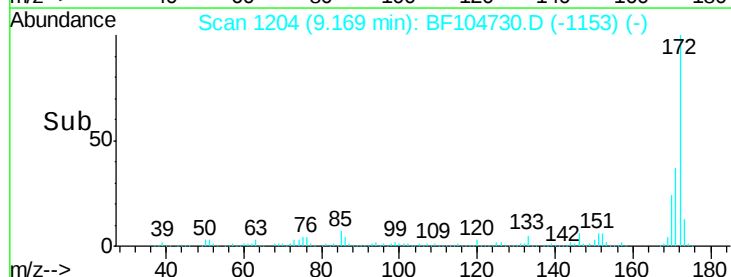
170 24.2 19.6 29.4

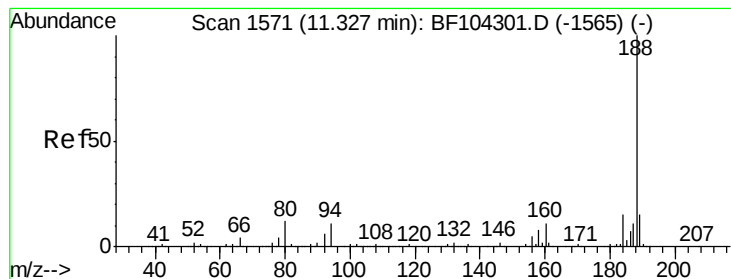


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF104730.D

Acq: 24 Apr 2018 2:34

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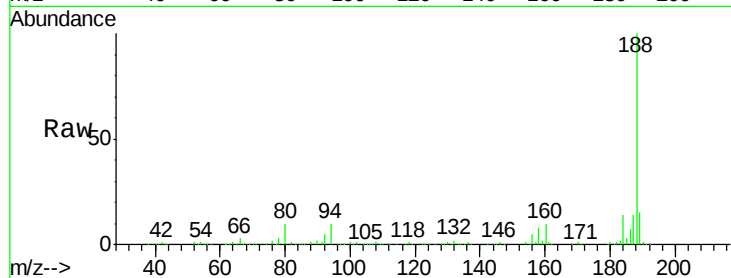
Tot Ion:188 Resp: 333268

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

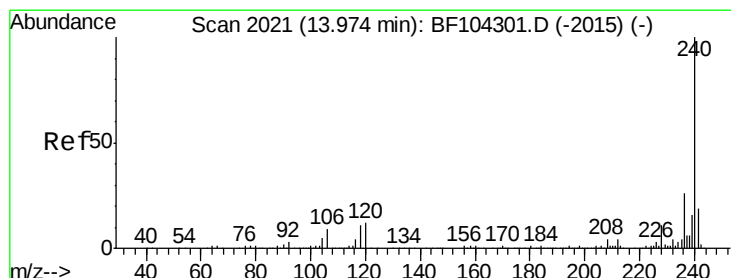
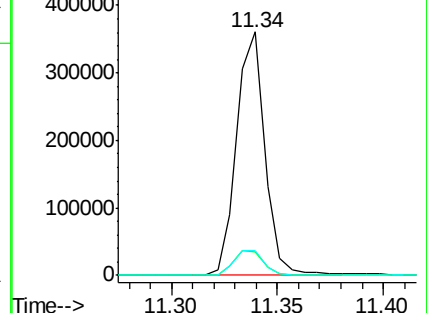
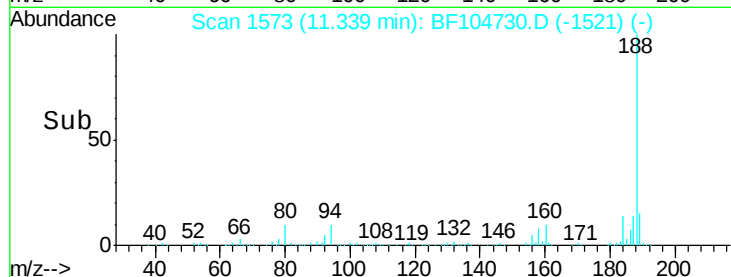
80 10.3 9.2 13.8



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: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF104730.D

Acq: 24 Apr 2018 2:34

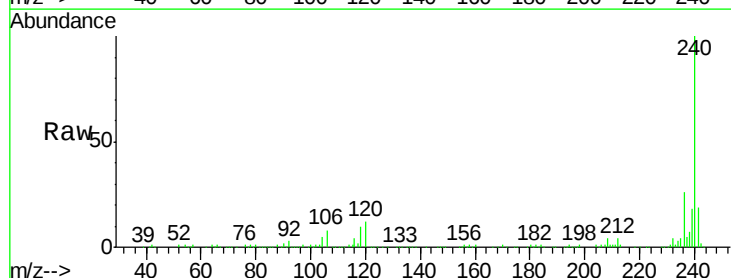
Tgt Ion:240 Resp: 233079

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

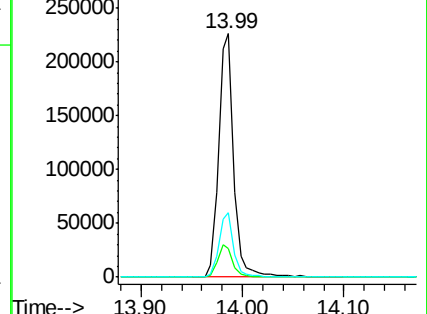
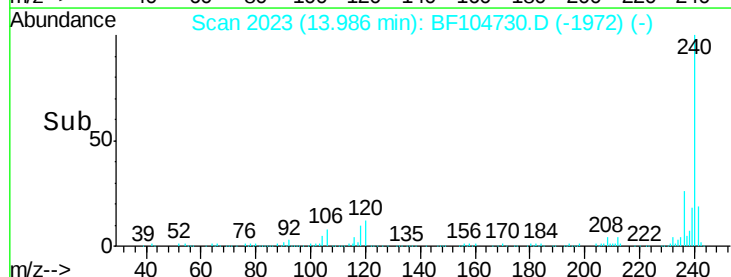
236 26.3 20.7 31.1



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

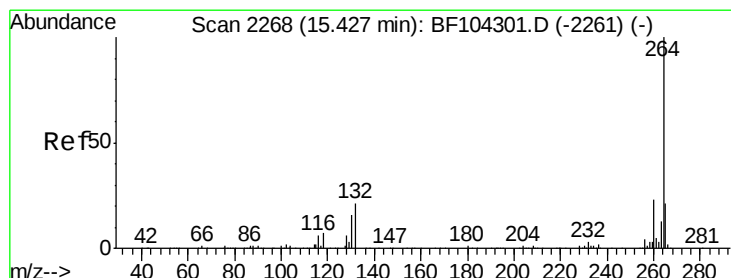
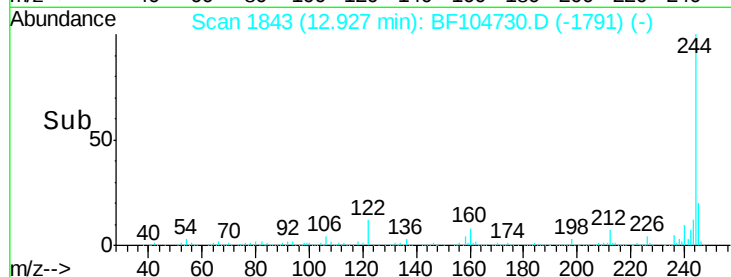
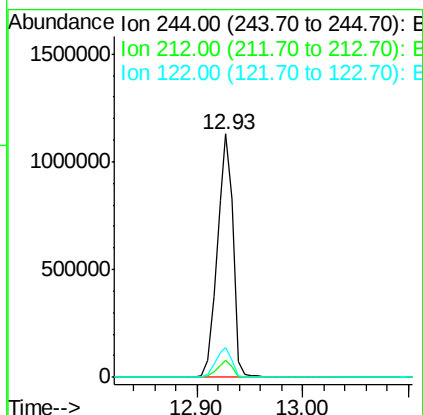
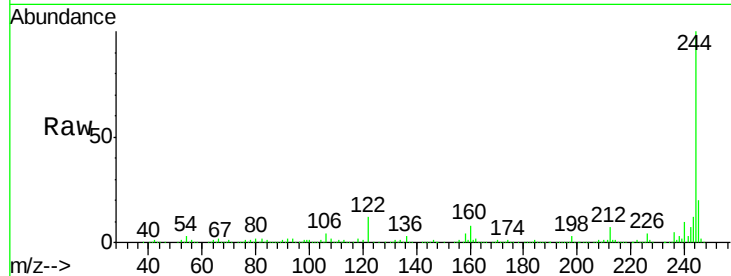




#78
 Terphenyl-d14
 Concen: 116.115 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104730.D
 Acq: 24 Apr 2018 2:34

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Tot Ion:244 Resp: 1187105
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 12.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BF104730.D
 Acq: 24 Apr 2018 2:34

Tgt Ion:264 Resp: 167660
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 20.2 17.5 26.3

