

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104719.D
 Acq On : 23 Apr 2018 19:34
 Operator : JU/SJ
 Sample : J2490-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDP-B-3-0-6

Quant Time: Apr 24 09:59:27 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

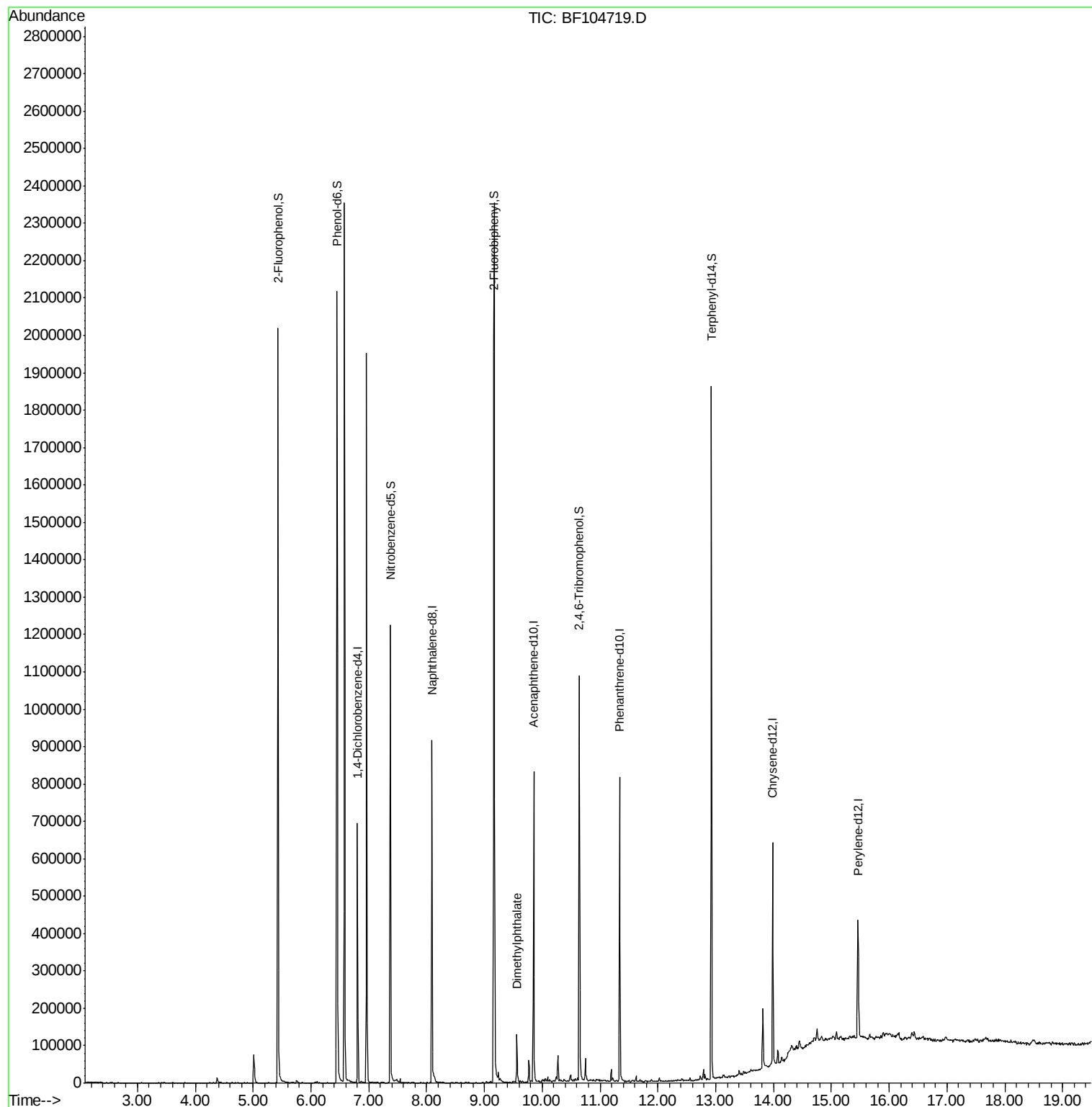
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	108220	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	415877	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	171293	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	281311	20.00	ng	0.00
75) Chrysene-d12	13.99	240	184881	20.00	ng	0.00
86) Perylene-d12	15.46	264	138547	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	608040	85.91	ng	0.01
7) Phenol-d6	6.45	99	719344	82.72	ng	0.00
23) Nitrobenzene-d5	7.37	82	401005	62.96	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	139467	78.49	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	768438	70.87	ng	0.00
78) Terphenyl-d14	12.93	244	628752	77.53	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	60737	4.496	ng	99

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

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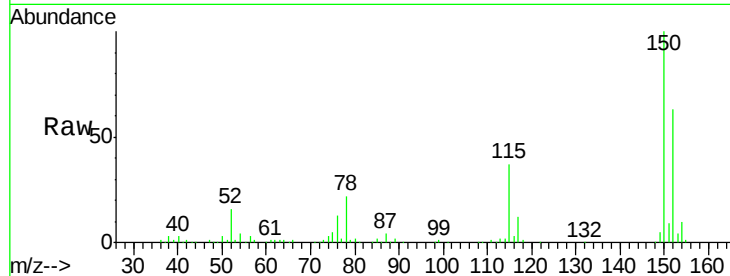


#1

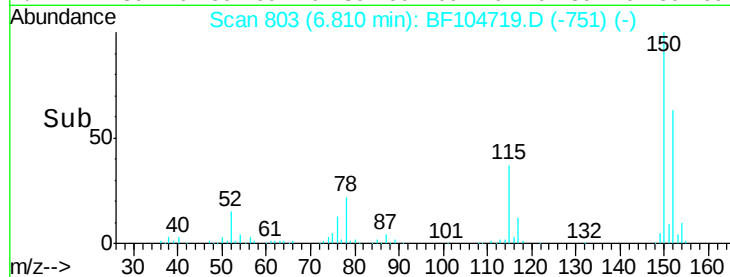
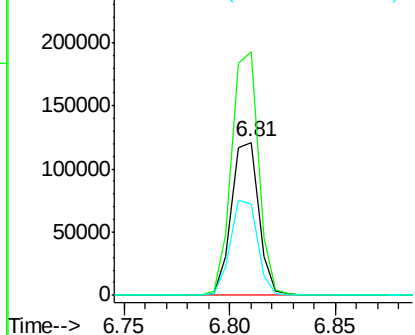
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104719.D
Acq: 23 Apr 2018 19:34

Instrument :
BNA_F
ClientSampleId :
MDP-B-3-0-6

Tot Ion:152 Resp: 108220
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 59.3 50.1 75.1



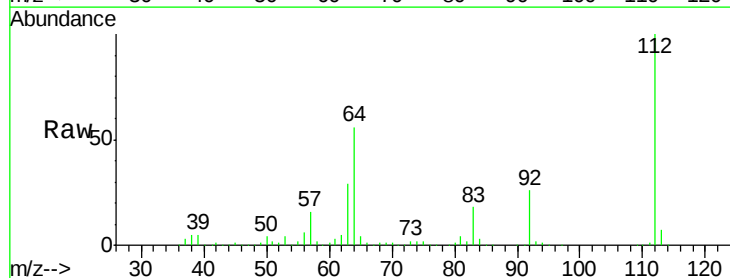
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



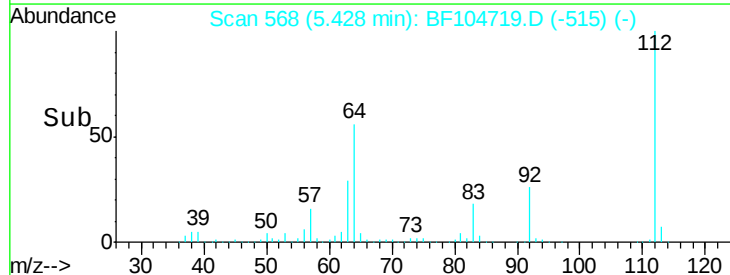
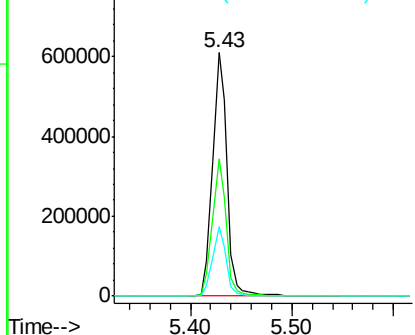
#5

2-Fluorophenol
Concen: 85.911 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104719.D
Acq: 23 Apr 2018 19:34

Tgt Ion:112 Resp: 608040
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 28.5 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: 82.721 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104719.D

Acq: 23 Apr 2018 19:34

Instrument :

BNA_F

ClientSampleId :

MDP-B-3-0-6

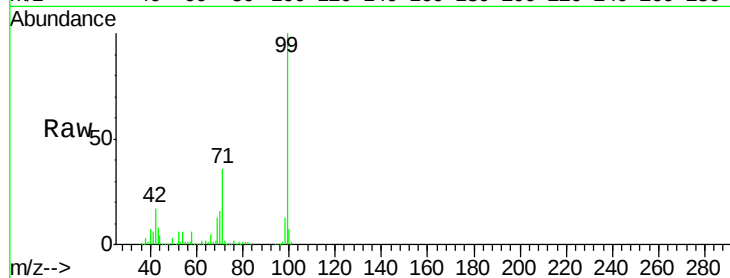
Tot Ion: 99 Resp: 719344

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

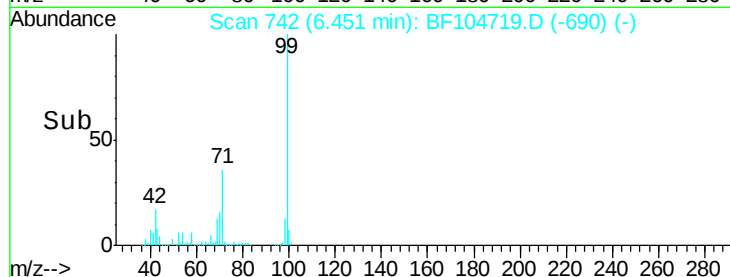
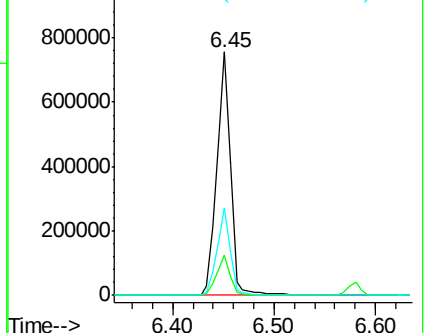
71 35.8 25.4 38.0



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: BF104719.D

Acq: 23 Apr 2018 19:34

Tgt Ion: 136 Resp: 415877

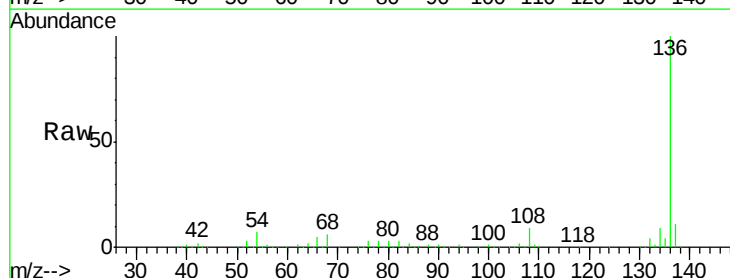
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.6 6.6 9.8

68 6.0 5.0 7.4

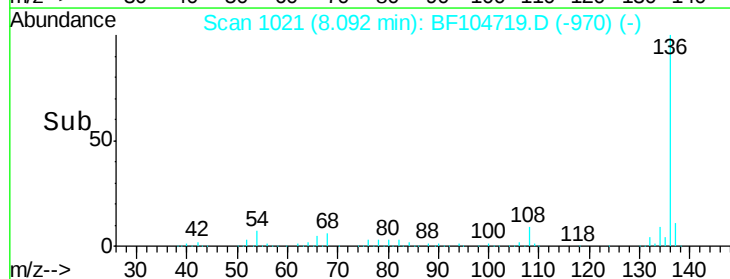
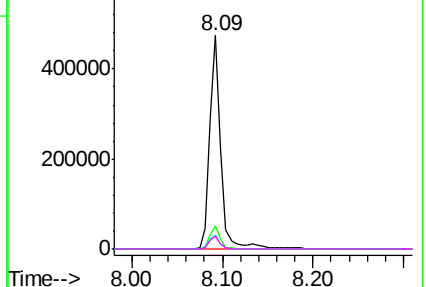


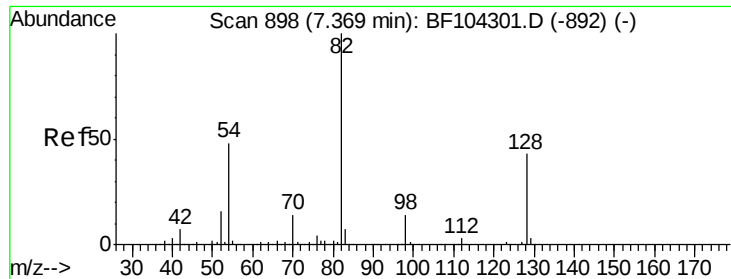
Abundance Ion 136.00 (135.70 to 136.70): E

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

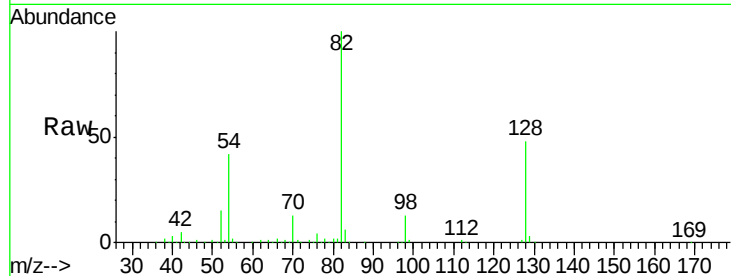




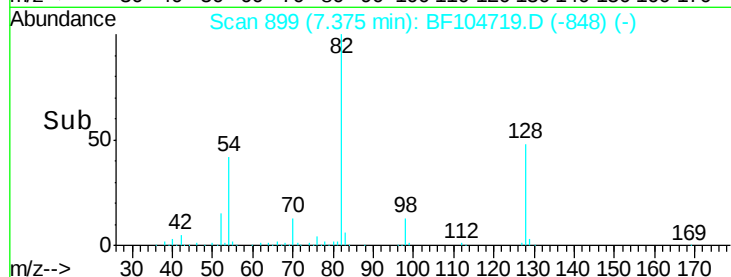
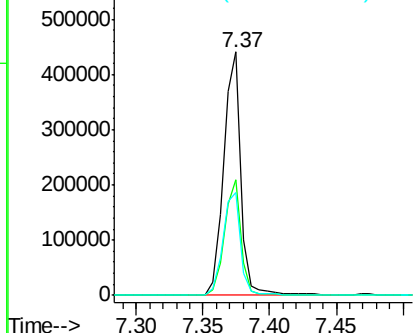
#23
 Nitrobenzene-d5
 Concen: 62.963 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104719.D
 Acq: 23 Apr 2018 19:34

Instrument :
 BNA_F
 ClientSampleId :
 MDP-B-3-0-6

Tot Ion	82	Resp	401005
Ion Ratio	100		
Lower			
Upper			
82	100		
128	47.7	36.1	54.1
54	42.1	41.4	62.2

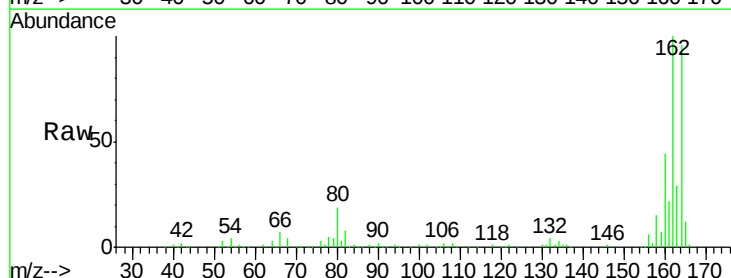


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

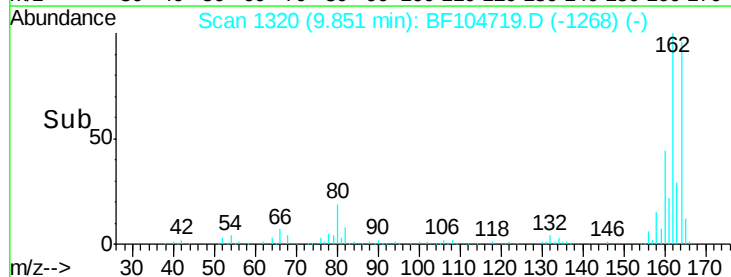
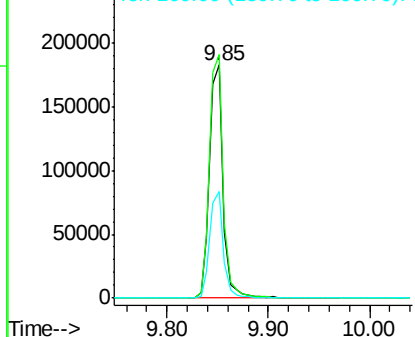


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF104719.D
 Acq: 23 Apr 2018 19:34

Tgt Ion	164	Resp	171293
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
164	100		
162	104.5	86.1	129.1
160	45.9	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

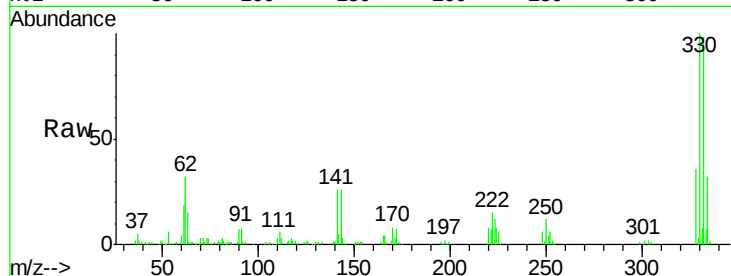




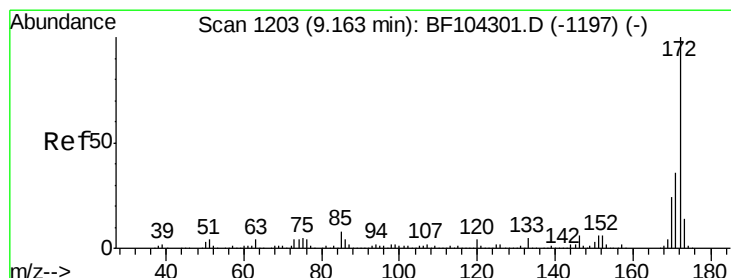
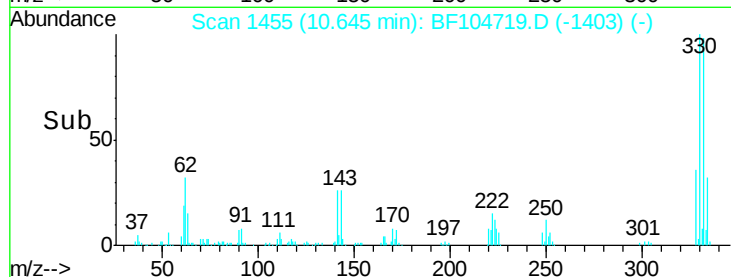
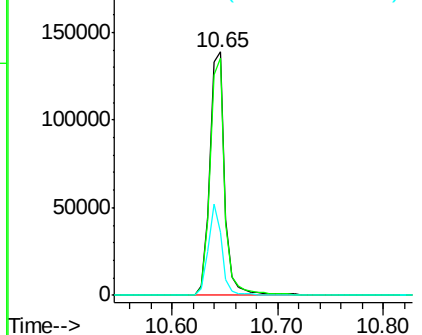
#41
 2,4,6-Tribromophenol
 Concen: 78.490 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104719.D
 Acq: 23 Apr 2018 19:34

Instrument :
 BNA_F
 ClientSampleId :
 MDP-B-3-0-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	34.1	29.9	44.9

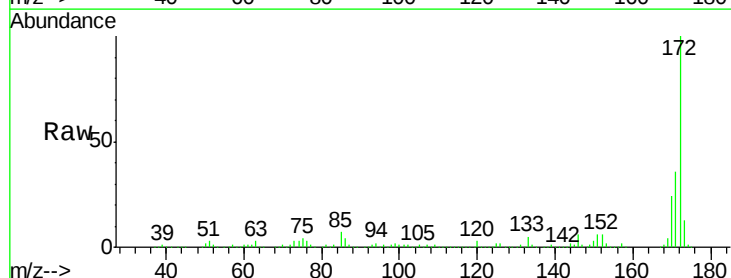


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

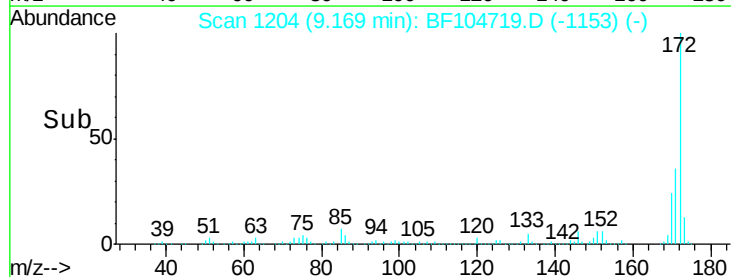
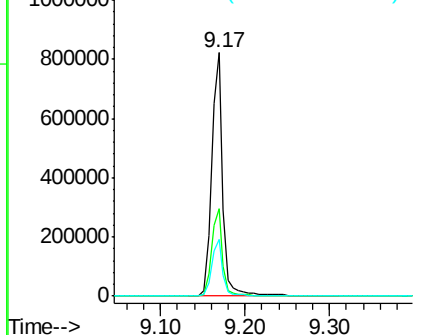


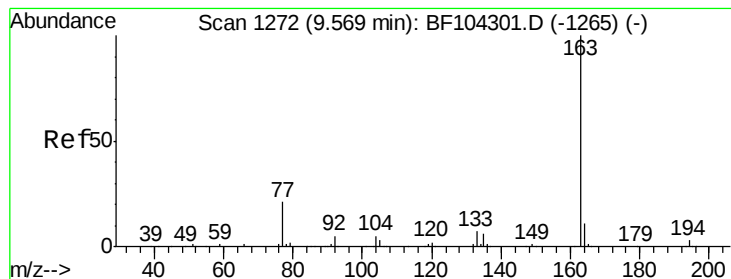
#44
 2-Fluorobiphenyl
 Concen: 70.869 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104719.D
 Acq: 23 Apr 2018 19:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.6	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: 4.496 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF104719.D

Acq: 23 Apr 2018 19:34

Instrument :

BNA_F

ClientSampleId :

MDP-B-3-0-6

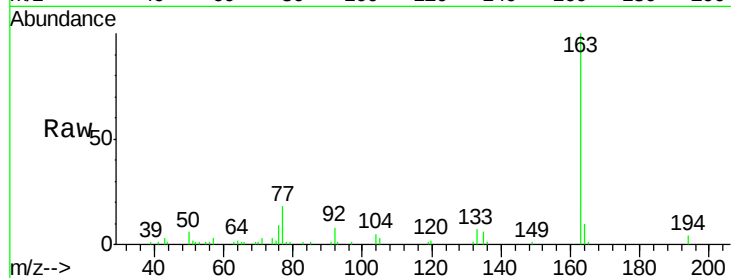
Tot Ion:163 Resp: 60737

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

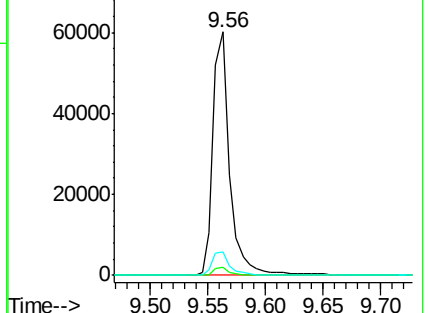
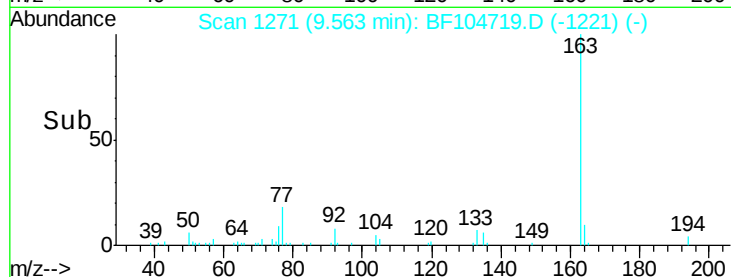
164 9.8 8.2 12.2



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: BF104719.D

Acq: 23 Apr 2018 19:34

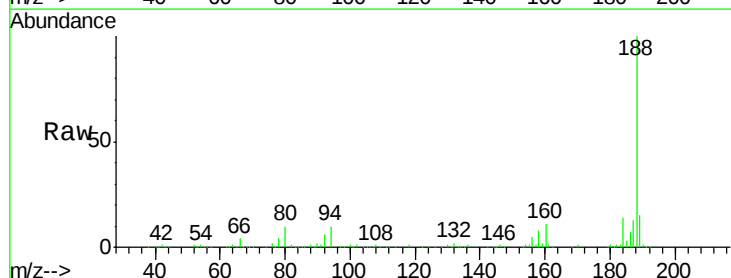
Tgt Ion:188 Resp: 281311

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

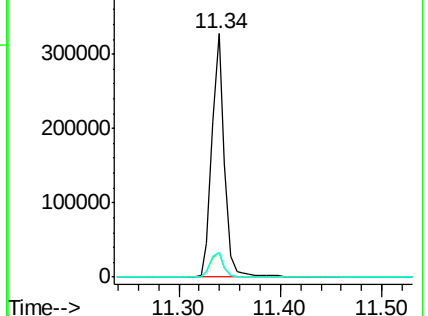
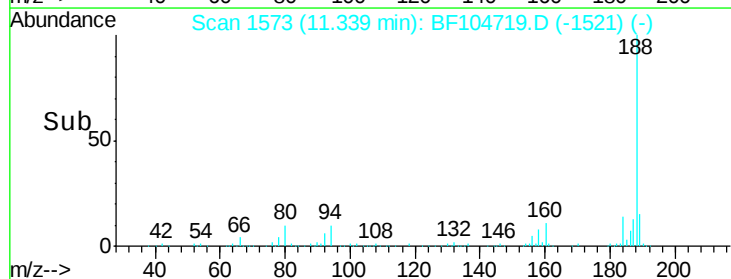
80 10.2 9.2 13.8

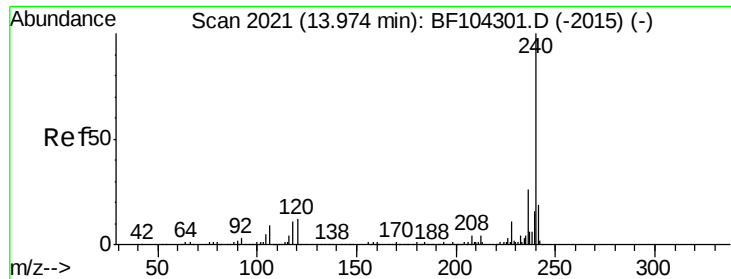


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF104719.D

Acq: 23 Apr 2018 19:34

Instrument :

BNA_F

ClientSampleId :

MDP-B-3-0-6

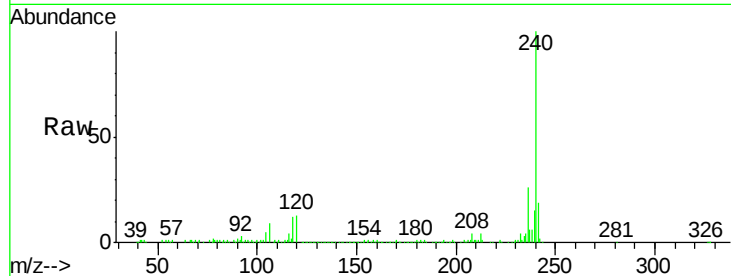
Tot Ion:240 Resp: 184881

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

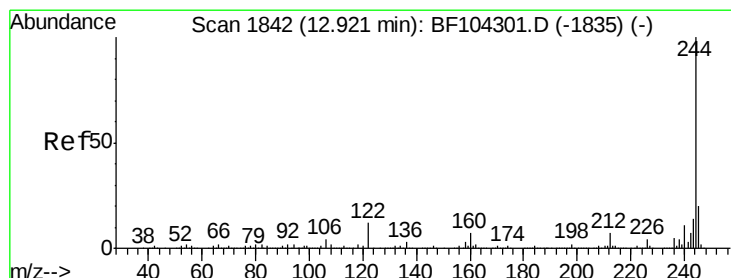
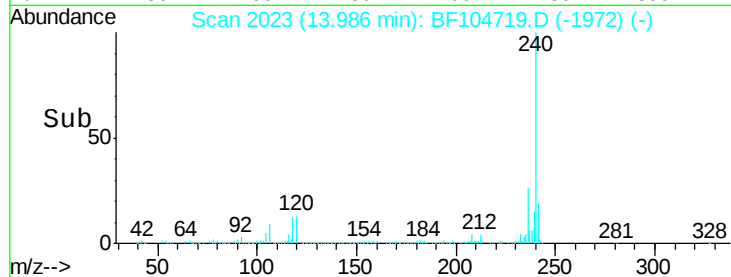
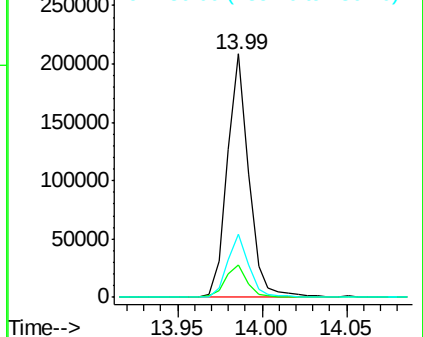
236 25.7 20.7 31.1



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: 77.534 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104719.D

Acq: 23 Apr 2018 19:34

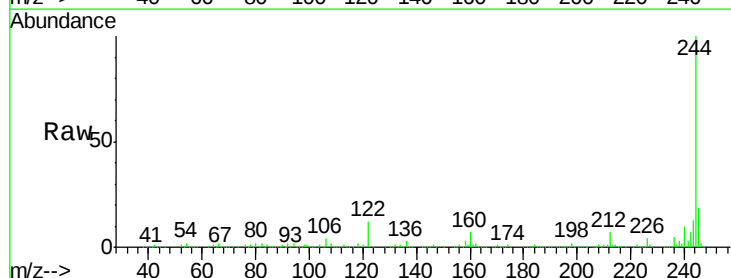
Tgt Ion:244 Resp: 628752

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

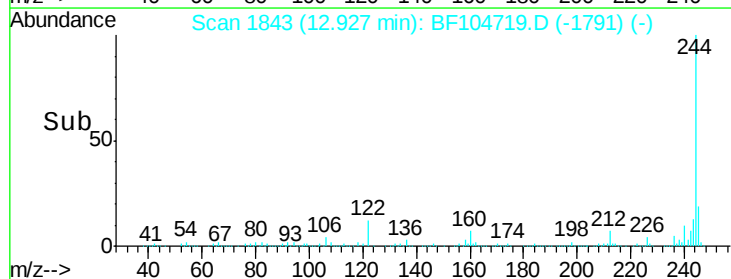
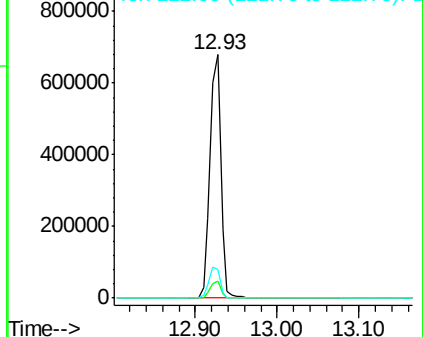
122 11.8 11.0 16.4

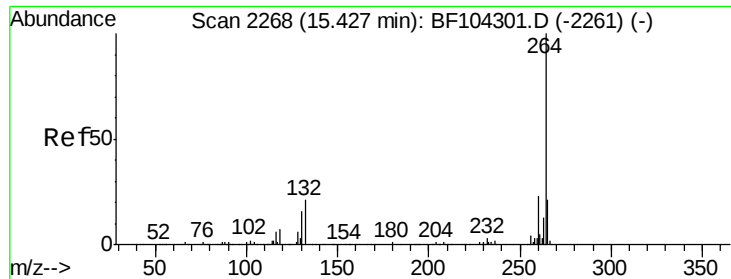


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

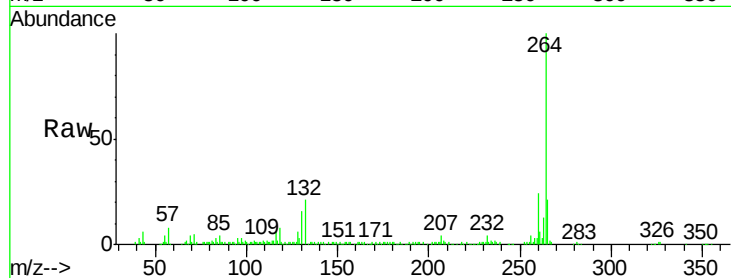




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF104719.D
 Acq: 23 Apr 2018 19:34

Instrument :
 BNA_F
 ClientSampleId :
 MDP-B-3-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.1	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

