

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050218\
 Data File : BF105038.D
 Acq On : 2 May 2018 18:29
 Operator : JU/SJ
 Sample : J2647-01 20X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-DRUM-2-OILY-WIPE

Quant Time: May 03 04:24:26 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

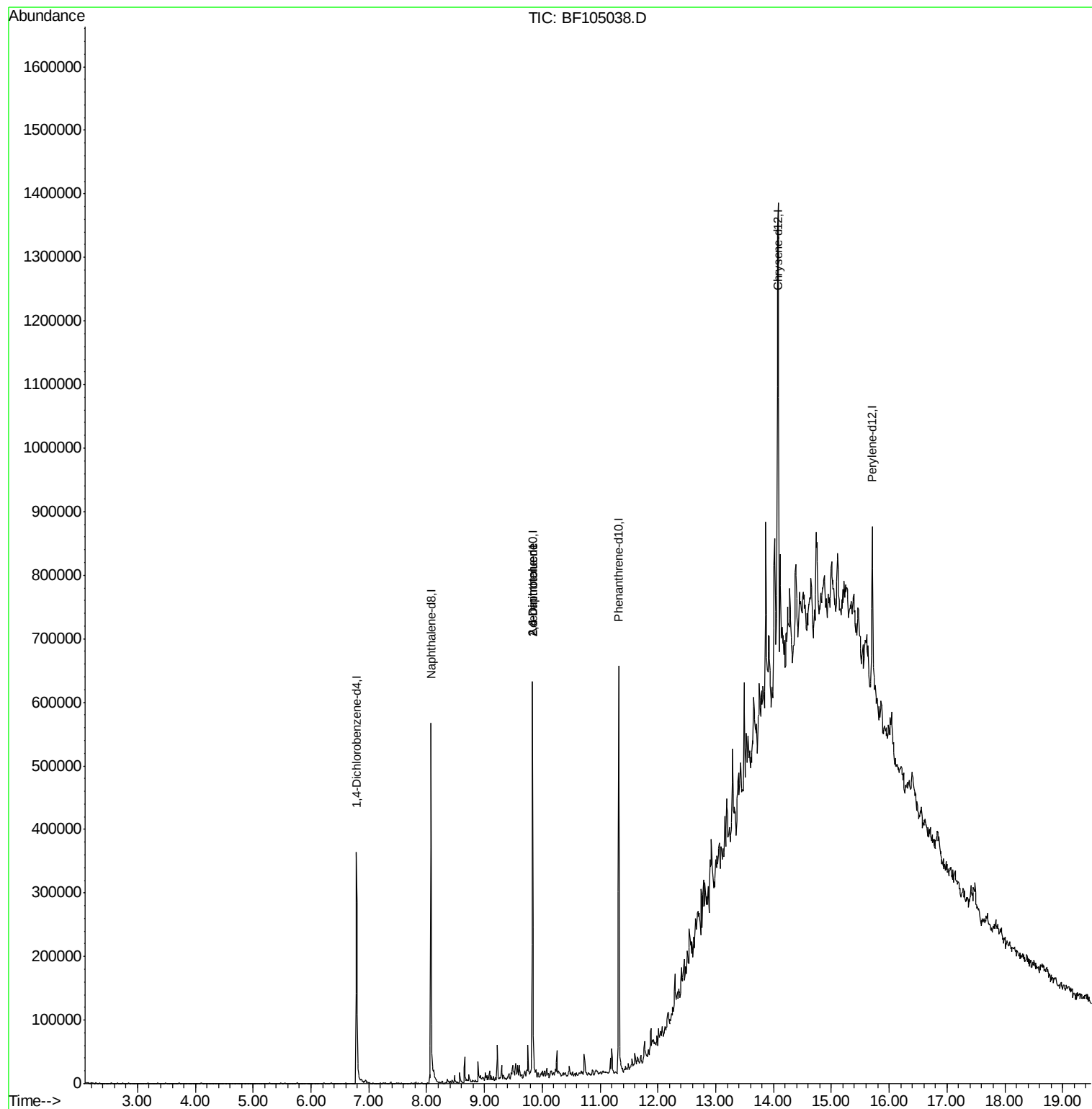
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	69780	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	304633	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	139292	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	233570	20.00	ng	0.00
75) Chrysene-d12	14.08	240	166773	20.00	ng	0.05
86) Perylene-d12	15.71	264	134762	20.00	ng	0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	119	0.03	ng	0.05
7) Phenol-d6	6.50	99	290	0.05	ng	0.06
23) Nitrobenzene-d5	7.39	82	420	0.09	ng	0.02
41) 2,4,6-Tribromophenol	10.64	330	322	0.22	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2699	0.31	ng	0.00
78) Terphenyl-d14	12.92	244	3948	0.54	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.83	165	17836	8.775	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	17836	6.690	ng	# 23
76) Benzidine	12.92	184	131	Below Cal		# 1

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

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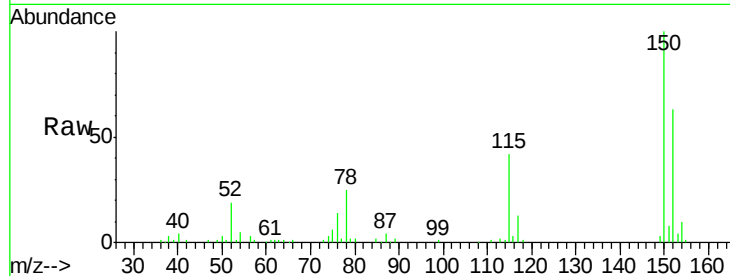


#1

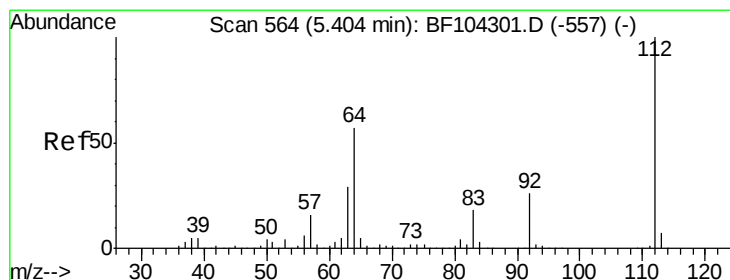
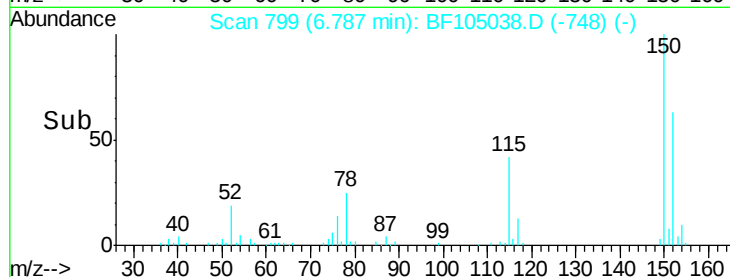
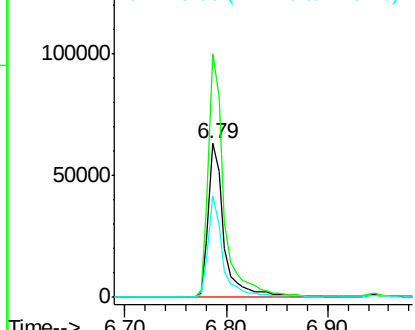
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105038.D
Acq: 2 May 2018 18:29

Instrument :
BNA_F
ClientSampleId :
CS-DRUM-2-OILY-WIPE

Tgt Ion:152 Resp: 69780
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 66.0 50.1 75.1



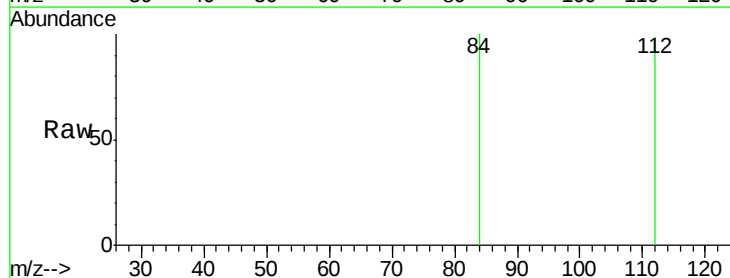
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



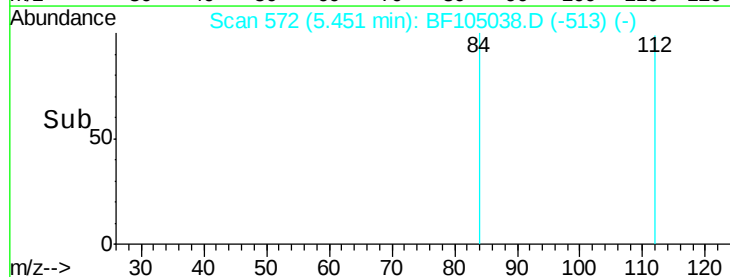
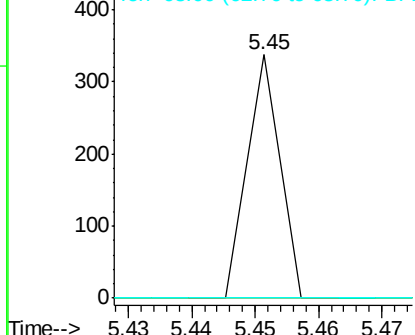
#5

2-Fluorophenol
Concen: 0.026 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.05 min
Lab File: BF105038.D
Acq: 2 May 2018 18:29

Tgt Ion:112 Resp: 119
Ion Ratio Lower Upper
112 100
64 0.0 47.9 71.9#
63 0.0 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: 0.052 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.06 min

Lab File: BF105038.D

Acq: 2 May 2018 18:29

Instrument :

BNA_F

ClientSampleId :

CS-DRUM-2-OILY-WIPE

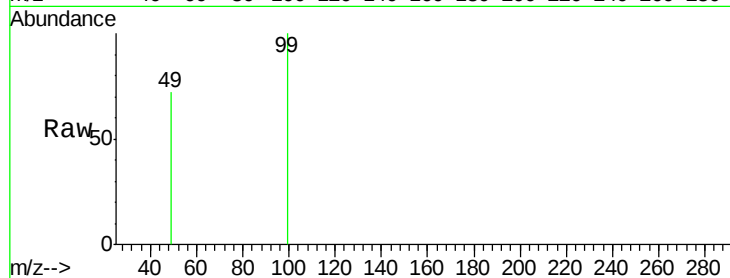
Tgt Ion: 99 Resp: 290

Ion Ratio Lower Upper

99 100

42 0.0 14.5 21.7#

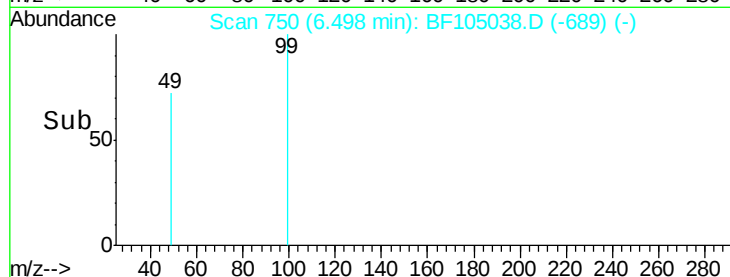
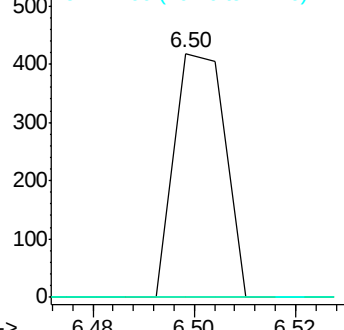
71 0.0 25.4 38.0#



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: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF105038.D

Acq: 2 May 2018 18:29

Tgt Ion: 136 Resp: 304633

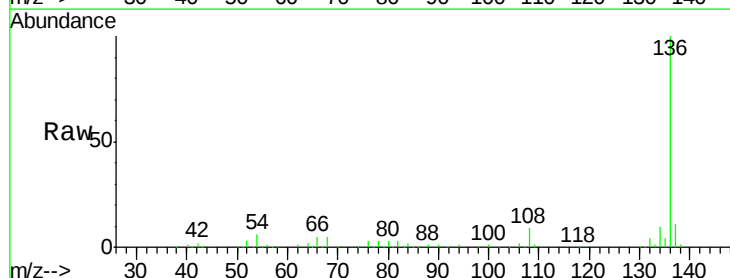
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.0 6.6 9.8#

68 5.4 5.0 7.4

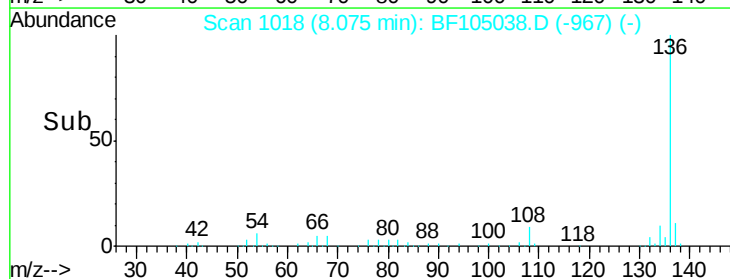
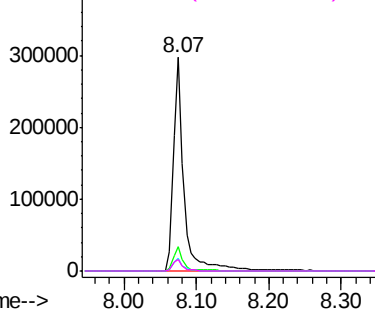


Abundance Ion 136.00 (135.70 to 136.70): E

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

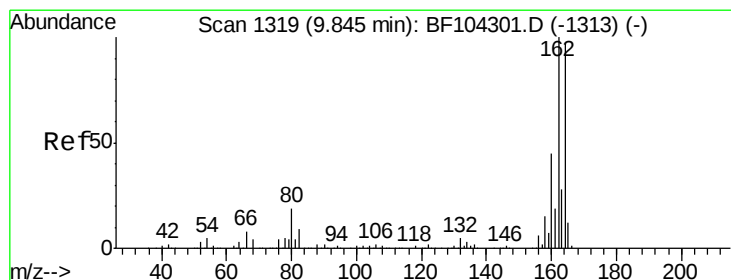
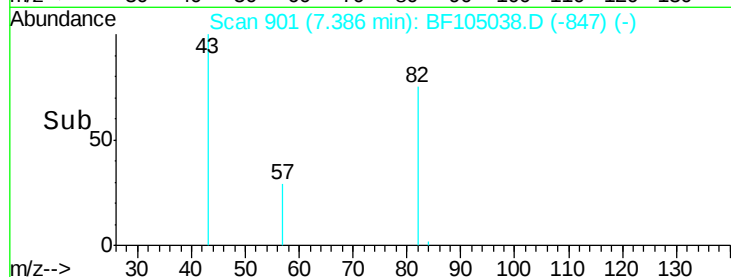
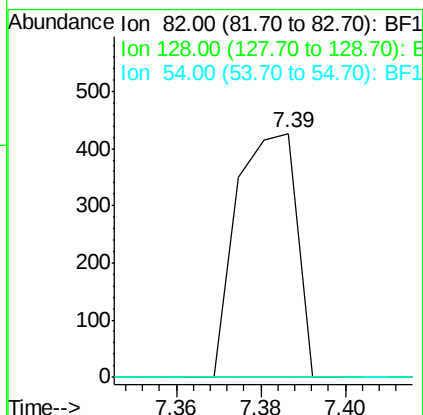
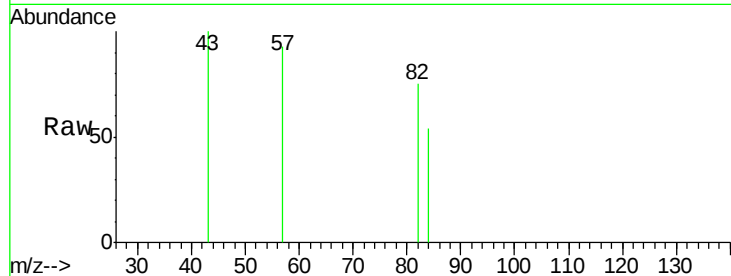




#23
 Nitrobenzene-d5
 Concen: 0.090 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.02 min
 Lab File: BF105038.D
 Acq: 2 May 2018 18:29

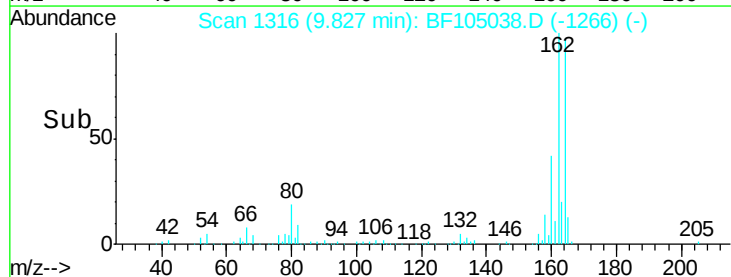
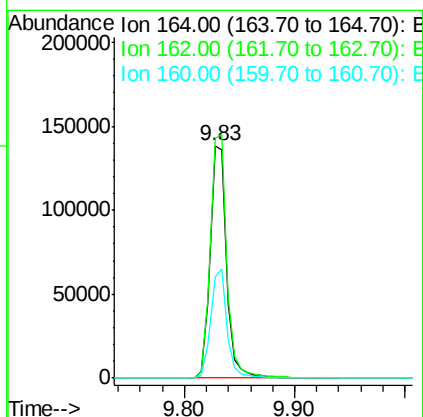
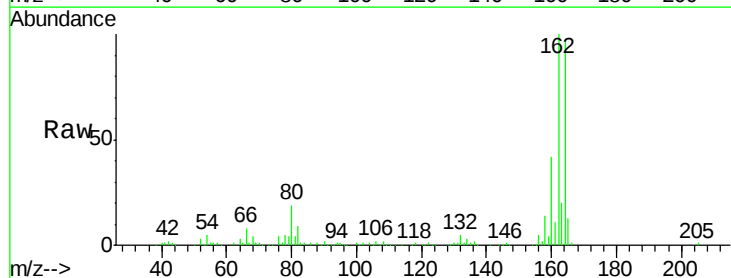
Instrument :
 BNA_F
 ClientSampleId :
 CS-DRUM-2-OILY-WIPE

Tgt Ion: 82 Resp: 420
 Ion Ratio Lower Upper
 82 100
 128 0.0 36.1 54.1#
 54 0.0 41.4 62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF105038.D
 Acq: 2 May 2018 18:29

Tgt Ion: 164 Resp: 139292
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 43.6 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 0.223 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF105038.D

Acq: 2 May 2018 18:29

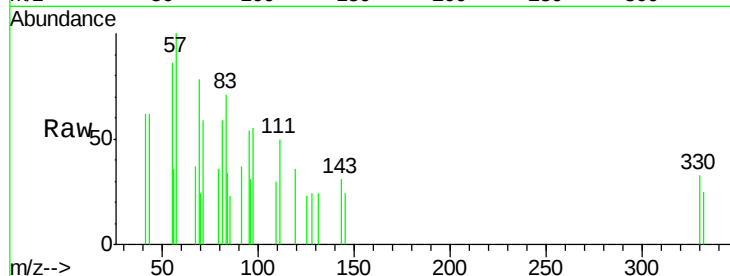
Instrument :

BNA_F

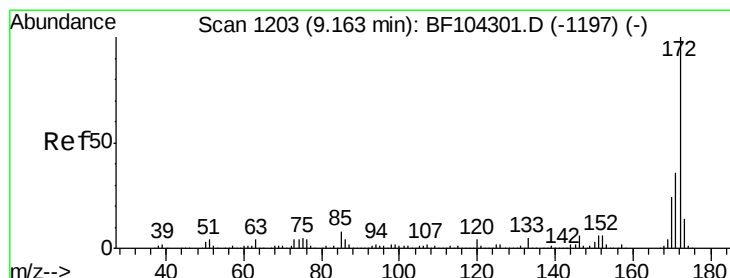
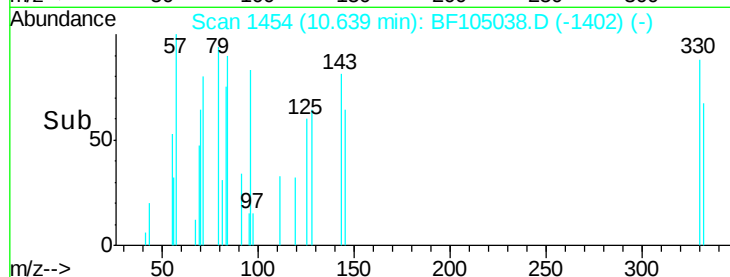
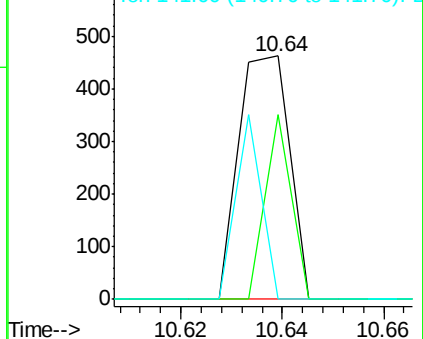
ClientSampleId :

CS-DRUM-2-OILY-WIPE

Tgt Ion:	330	Resp:	322
Ion Ratio	Lower	Upper	
330	100		
332	38.5	77.0	115.6#
141	38.5	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: 0.306 ng

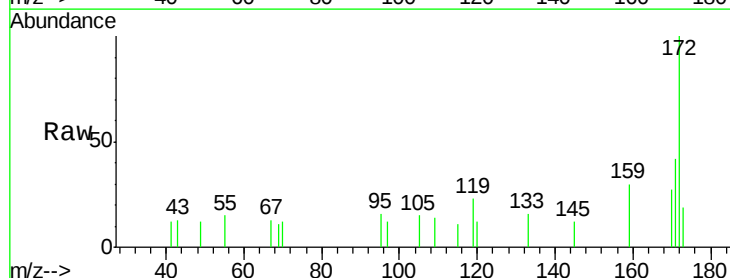
RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

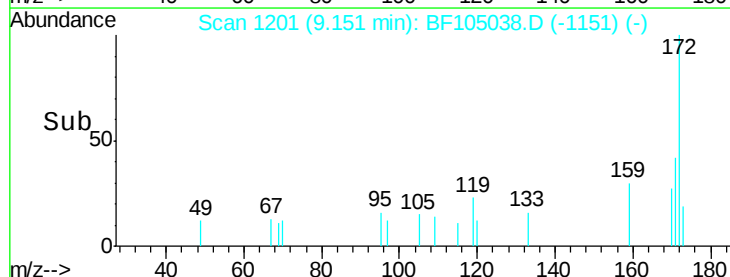
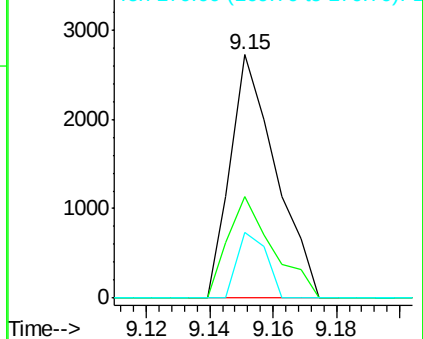
Lab File: BF105038.D

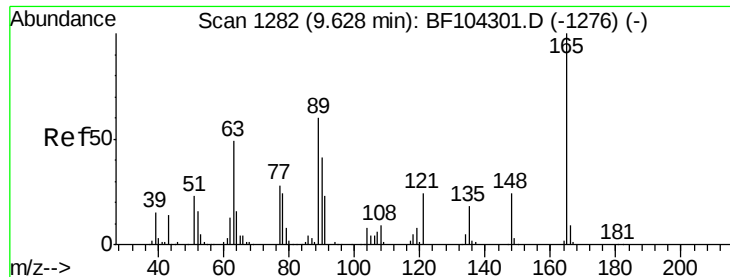
Acq: 2 May 2018 18:29

Tgt Ion:	172	Resp:	2699
Ion Ratio	Lower	Upper	
172	100		
171	41.7	29.7	44.5
170	27.0	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

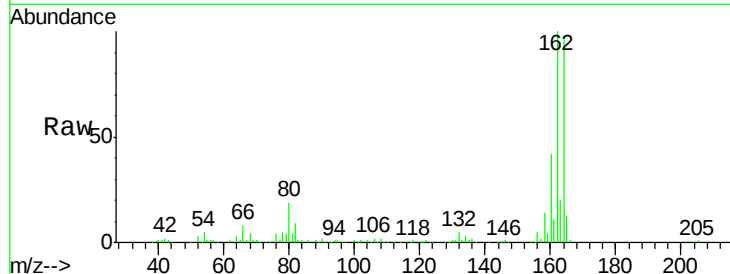




#50
 2,6-Dinitrotoluene
 Concen: 8.775 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF105038.D
 Acq: 2 May 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 CS-DRUM-2-OILY-WIPE

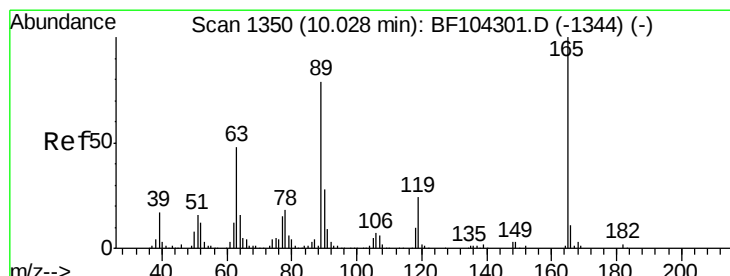
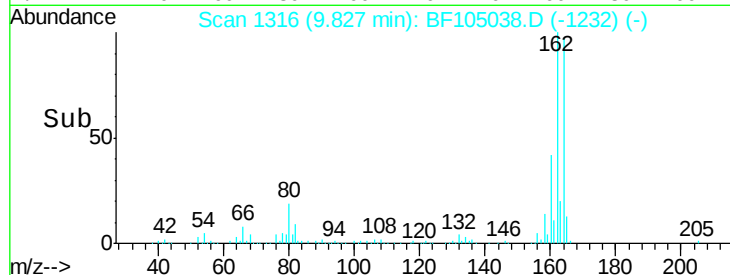
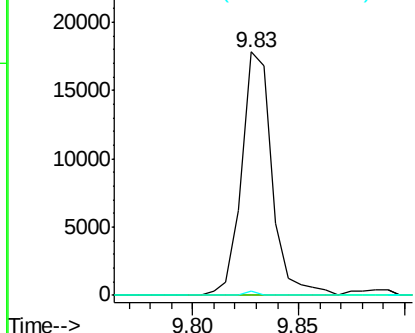
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.7	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.690 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105038.D
 Acq: 2 May 2018 18:29

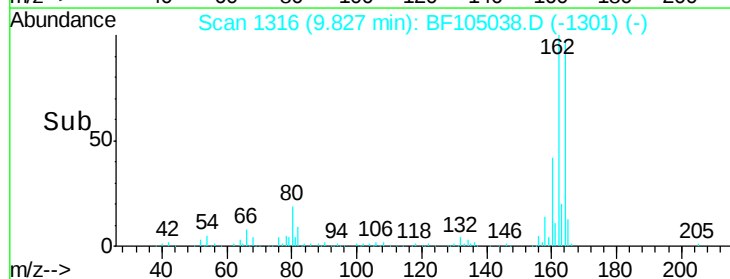
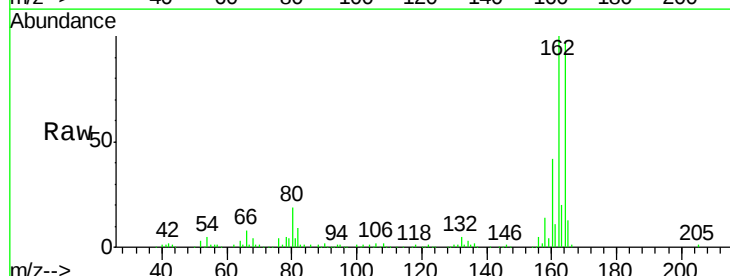
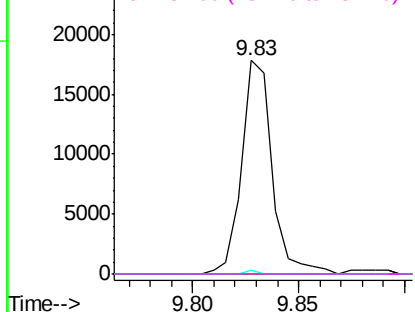
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

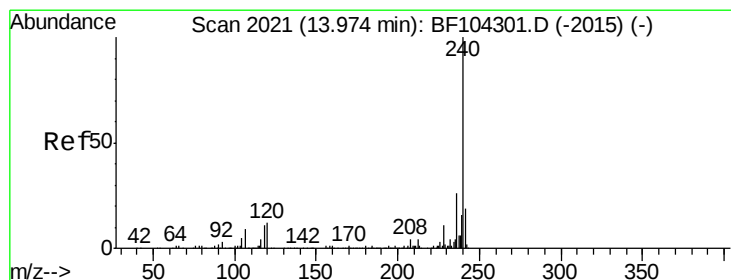
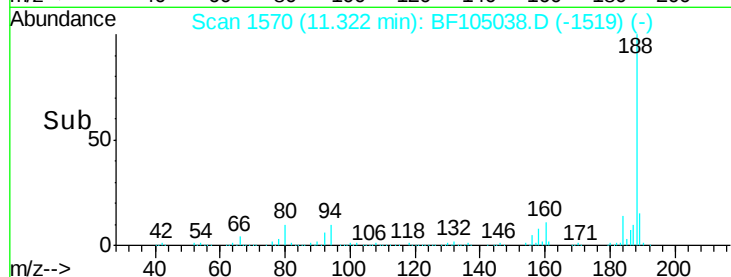
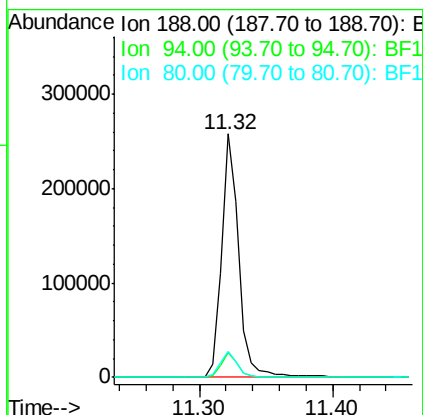
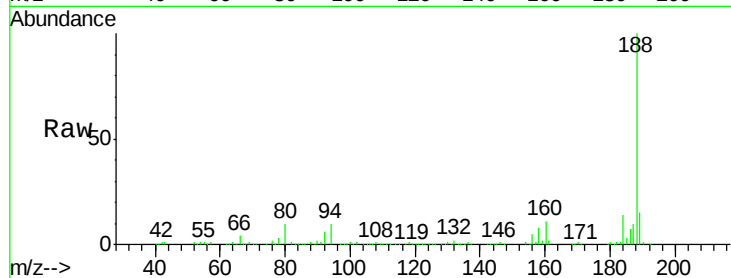




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105038.D
Acq: 2 May 2018 18:29

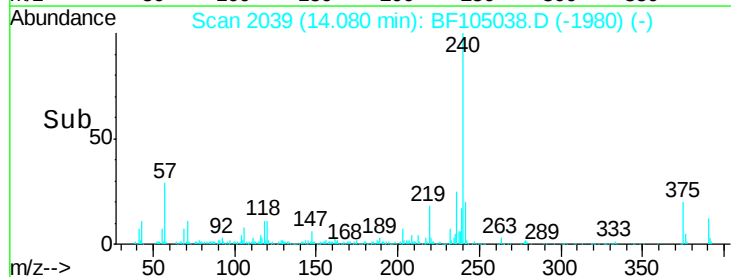
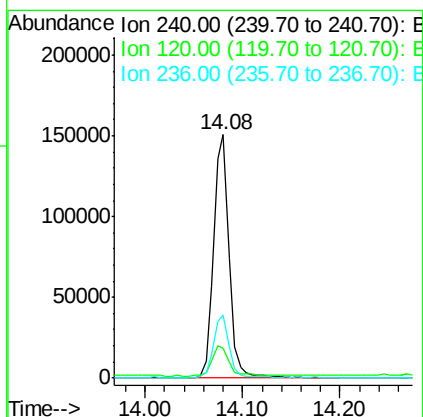
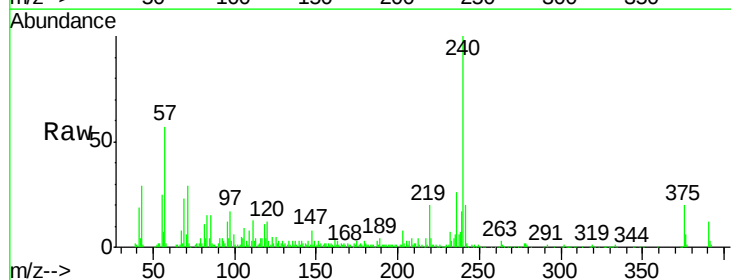
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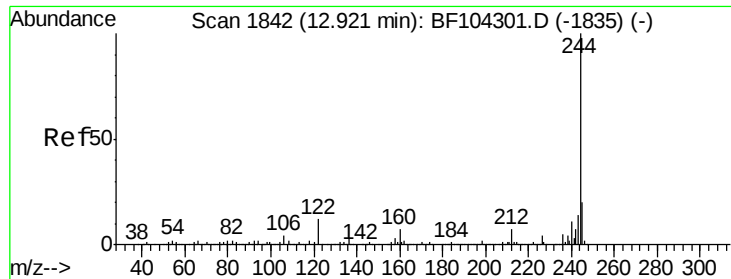
Tgt Ion:188 Resp: 233570
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.05 min
Lab File: BF105038.D
Acq: 2 May 2018 18:29

Tgt Ion:240 Resp: 166773
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 0.540 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF105038.D

Acq: 2 May 2018 18:29

Instrument :

BNA_F

ClientSampleId :

CS-DRUM-2-OILY-WIPE

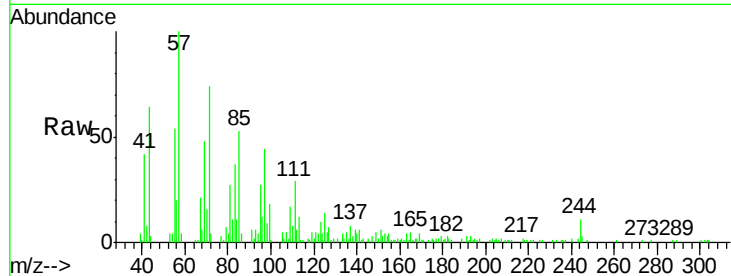
Tgt Ion:244 Resp: 3948

Ion Ratio Lower Upper

244 100

212 12.5 5.4 8.0#

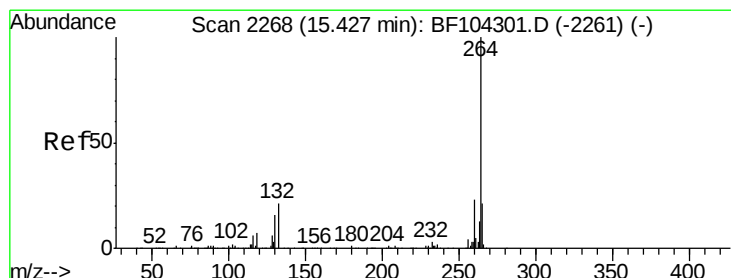
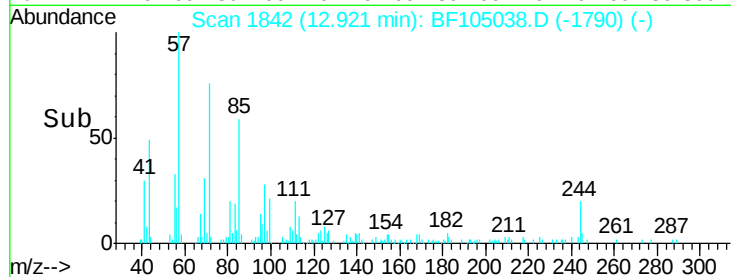
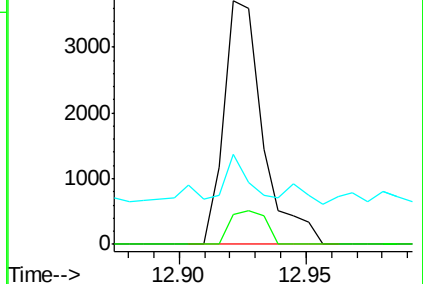
122 37.1 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2316

Delta R.T. 0.12 min

Lab File: BF105038.D

Acq: 2 May 2018 18:29

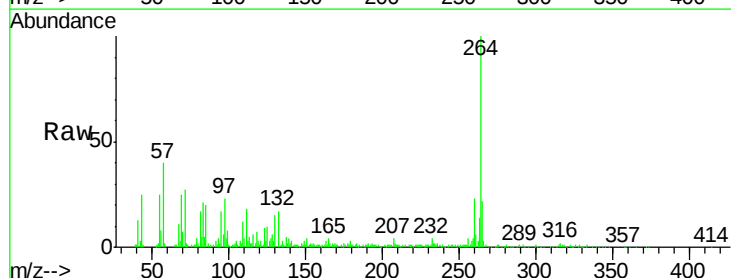
Tgt Ion:264 Resp: 134762

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.9 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

