

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120117\
 Data File : BF101071.D
 Acq On : 1 Dec 2017 18:51
 Operator : SJ/JU
 Sample : I6622-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DBEW1A-2-4

Manual Integrations
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 12/4/2017 11:56:46 AM

Quant Time: Dec 01 23:35:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 15:52:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52304	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	199854	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	86314	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	139051	20.00	ng	0.00
75) Chrysene-d12	14.02	240	121802	20.00	ng	0.00
86) Perylene-d12	15.49	264	106846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	247519	78.20	ng	0.00
7) Phenol-d6	6.48	99	308055	80.16	ng	0.00
23) Nitrobenzene-d5	7.41	82	186730	55.74	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	53568	51.66	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	296520	47.00	ng	0.00
78) Terphenyl-d14	12.96	244	203192	36.49	ng	0.00
Target Compounds						
10) Phenol	6.49	94	9095	2.128	ng	95
49) Dimethylphthalate	9.59	163	25781	3.704	ng	# 99
70) Phenanthrene	11.40	178	15421	2.014	ng	98
82) Chrysene	14.04	228	18799m	2.632	ng	

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

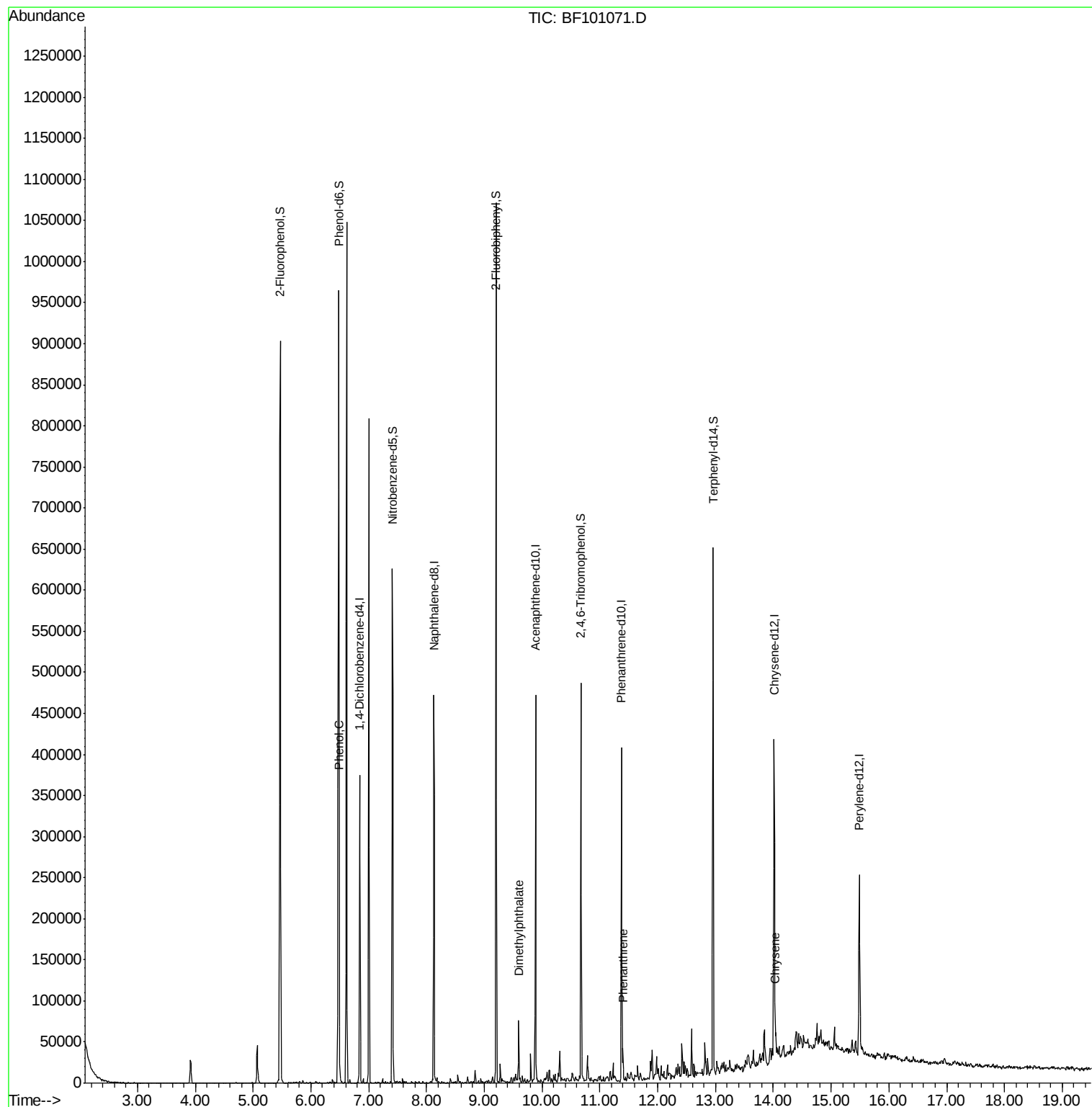
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101071.D
Acq On : 1 Dec 2017 18:51
Operator : SJ/JU
Sample : I6622-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

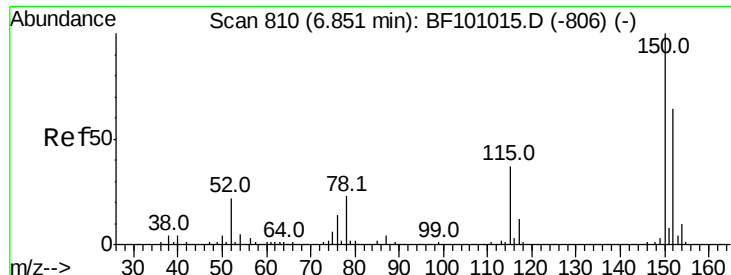
Instrument :
BNA_F
ClientSampleId :
DBEW1A-2-4

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Quant Time: Dec 01 23:35:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 15:52:19 2017
Response via : Initial Calibration





#1

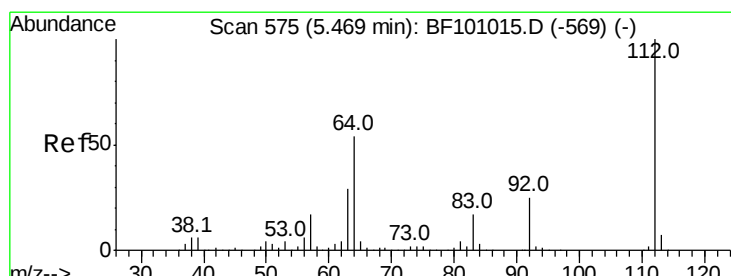
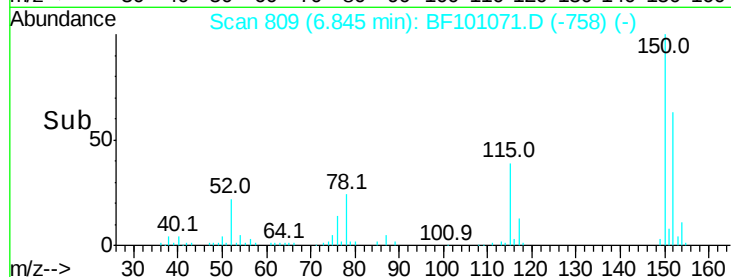
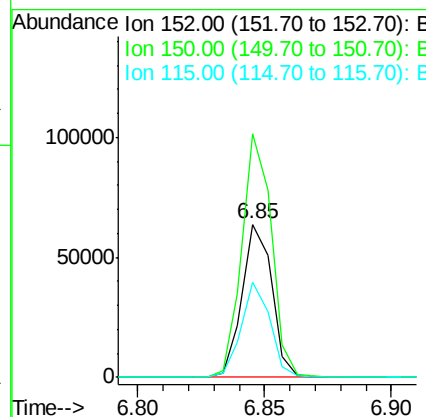
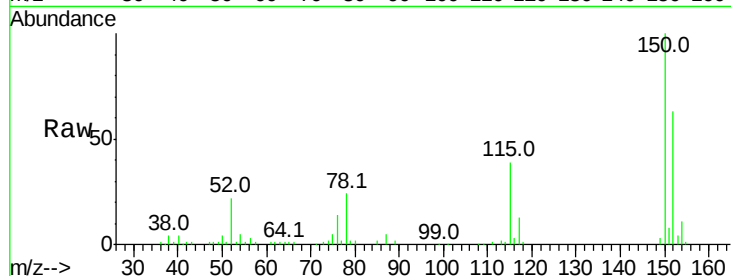
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101071.D
Acq: 1 Dec 2017 18:51

Instrument :
BNA_F
ClientSampleId :
DBEW1A-2-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	62.4	50.1	75.1

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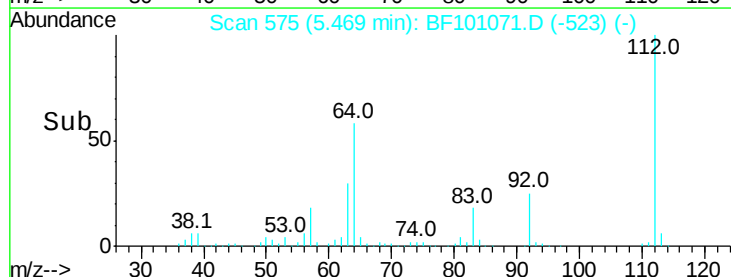
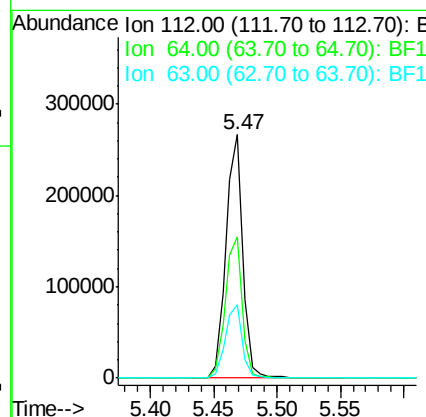
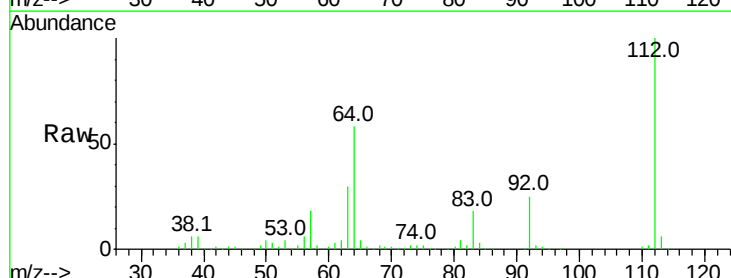
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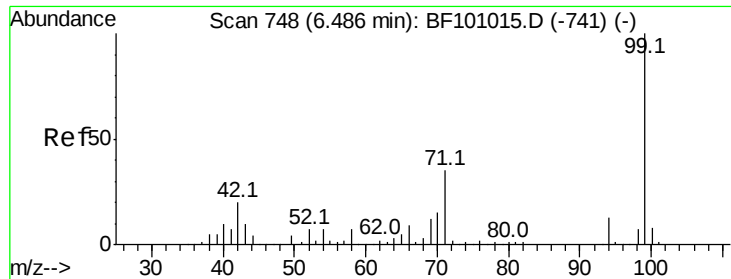


#5

2-Fluorophenol
Concen: 78.199 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101071.D
Acq: 1 Dec 2017 18:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	30.0	23.7	35.5





#7

Phenol-d6

Concen: 80.162 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101071.D

Acq: 1 Dec 2017 18:51

Instrument :

BNA_F

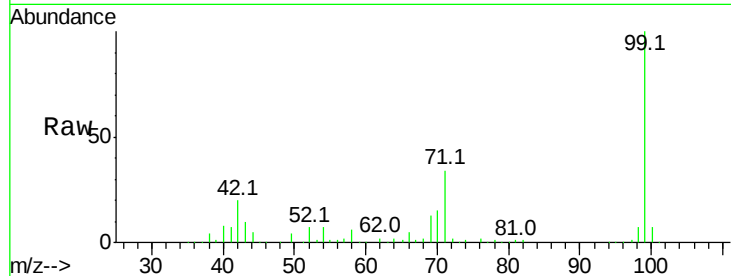
ClientSampleId :

DBEW1A-2-4

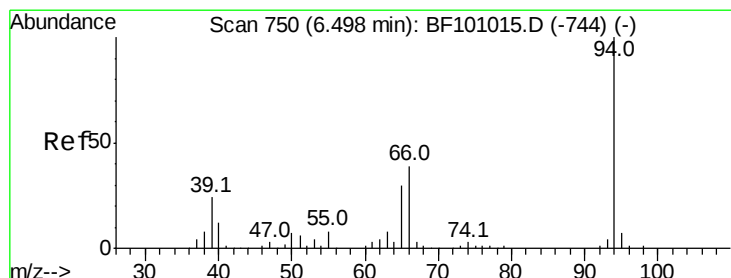
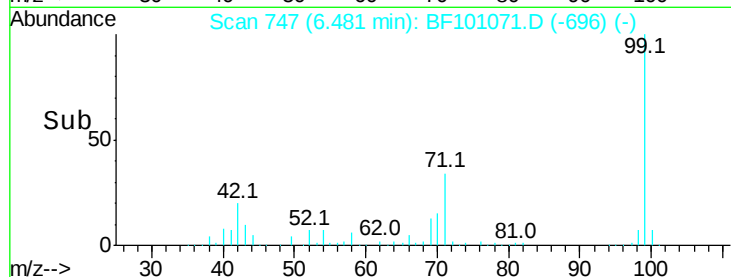
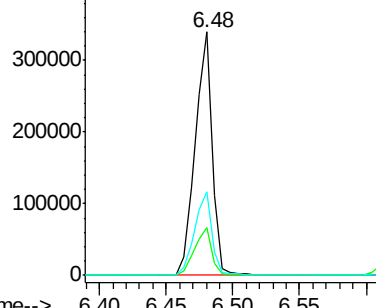
Tot Ion:	99	Resp:	308055
Ion Ratio	Lower	Upper	
99	100		
42	19.6	14.5	21.7
71	34.2	25.4	38.0

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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



#10

Phenol

Concen: 2.128 ng

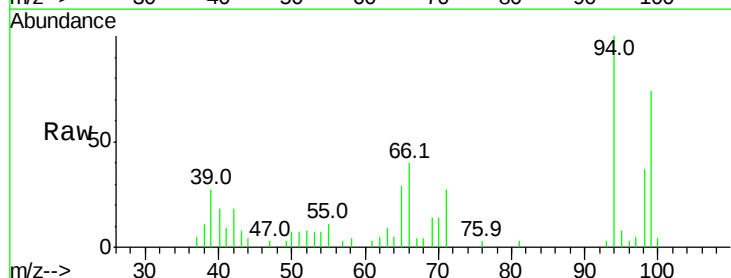
RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

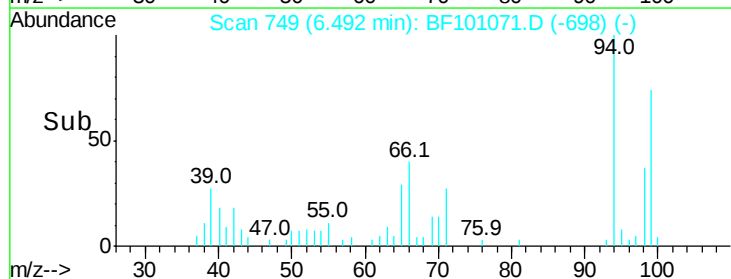
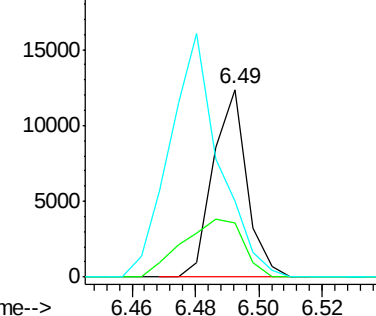
Lab File: BF101071.D

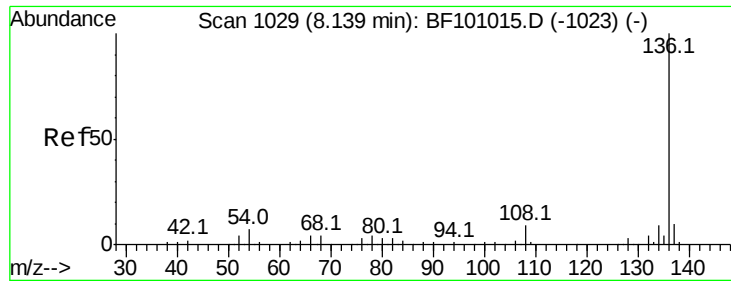
Acq: 1 Dec 2017 18:51

Tgt Ion:	94	Resp:	9095
Ion Ratio	Lower	Upper	
94	100		
65	28.6	7.9	47.9
66	40.3	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





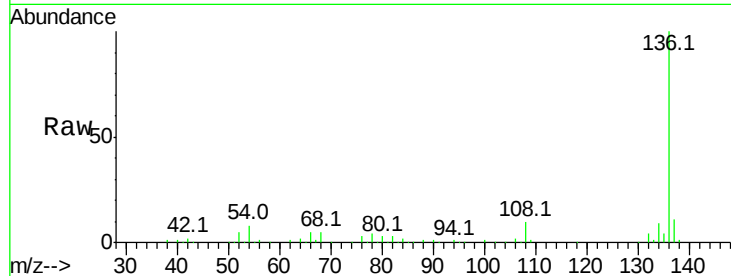
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101071.D
Acq: 1 Dec 2017 18:51

Instrument :
BNA_F
ClientSampleId :
DBEW1A-2-4

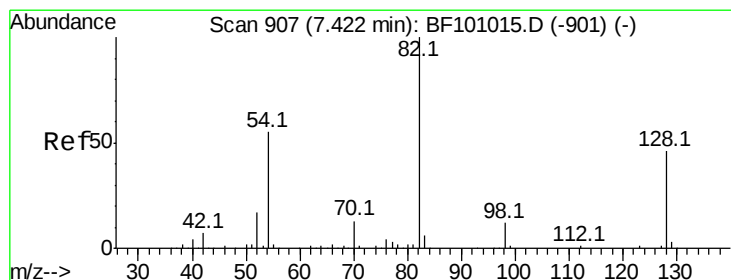
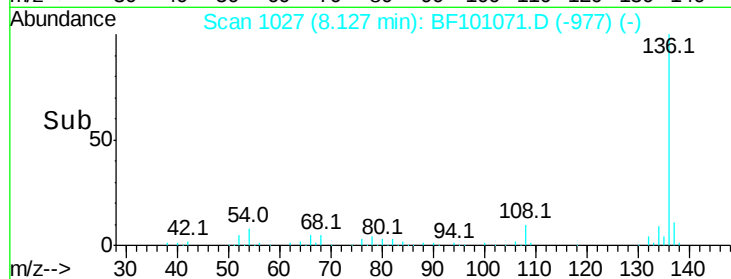
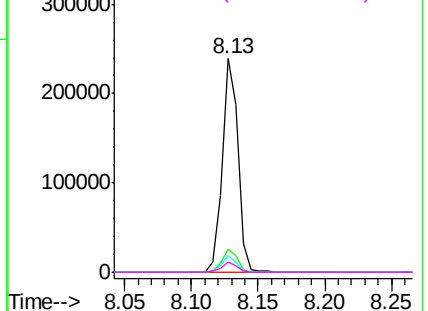
Tot Ion	Ratio	Resp	Lower	Upper
136	100	199854		
137	11.1	8.9	13.3	
54	7.8	6.6	9.8	
68	4.8	5.0	7.4	

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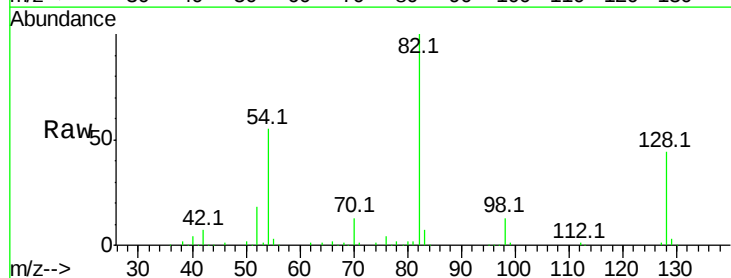


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

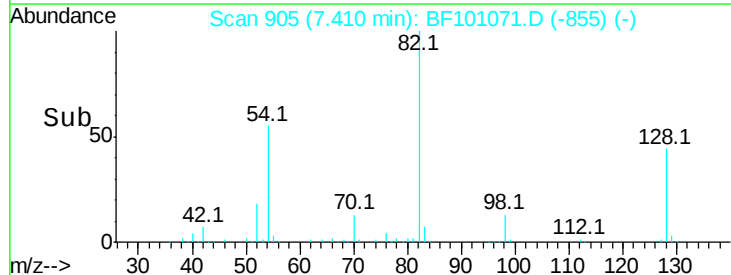
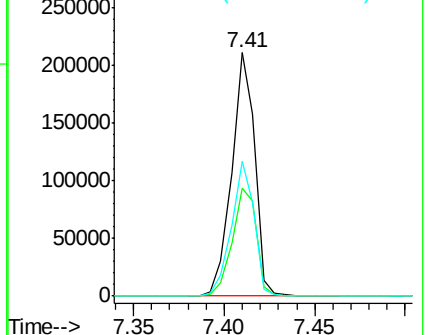


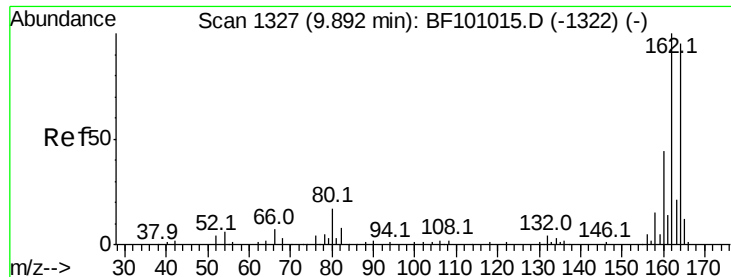
#23
Nitrobenzene-d5
Concen: 55.736 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101071.D
Acq: 1 Dec 2017 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	186730		
128	44.2	36.1	54.1	
54	55.4	41.4	62.2	



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





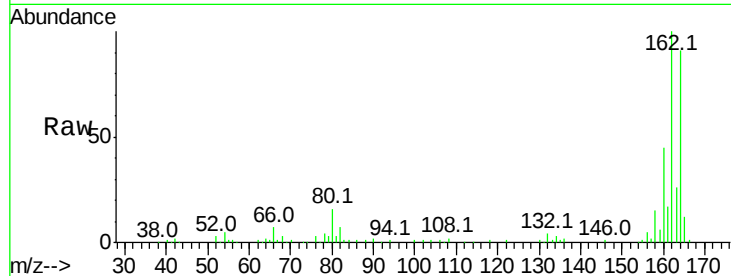
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101071.D
Acq: 1 Dec 2017 18:51

Instrument :
BNA_F
ClientSampleId :
DBEW1A-2-4

Tot Ion	Ratio	Lower	Upper
164	100		
162	109.7	86.1	129.1
160	49.0	38.3	57.5

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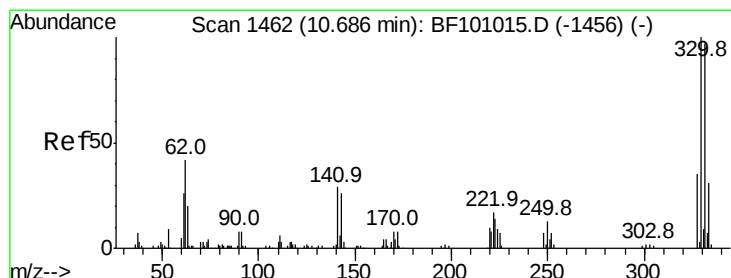
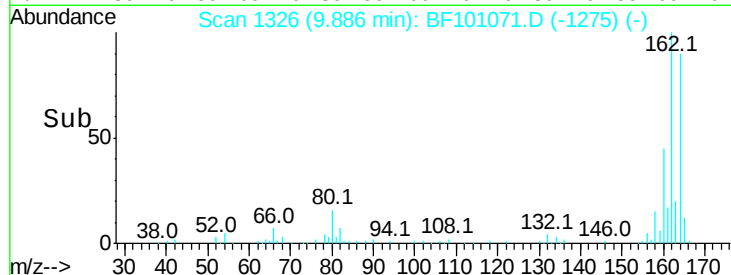
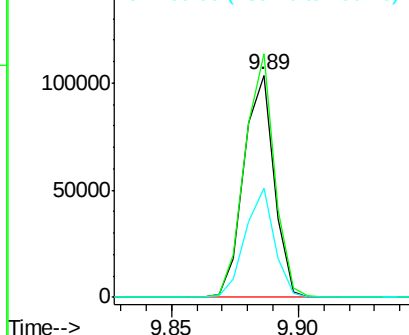


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 51.663 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101071.D
Acq: 1 Dec 2017 18:51

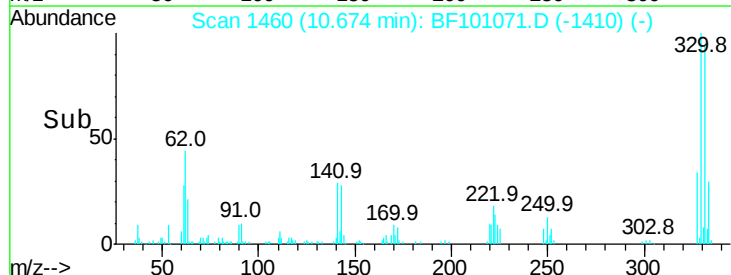
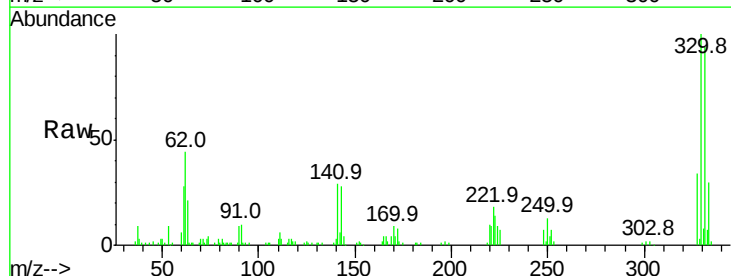
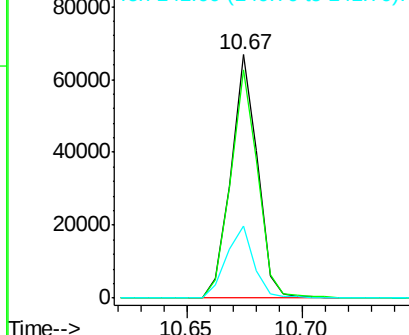
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	30.2	29.9	44.9

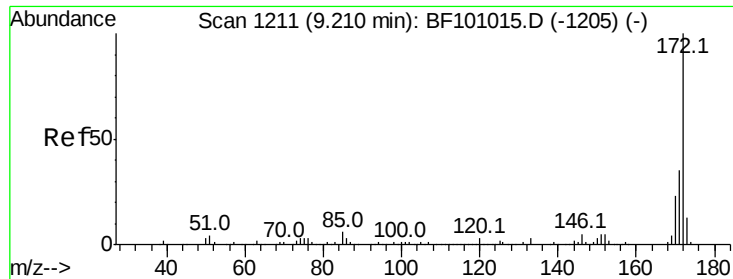
Abundance

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





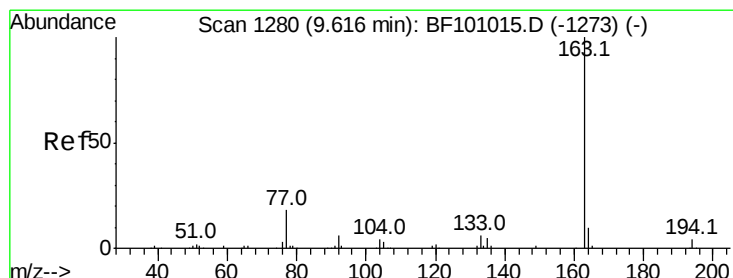
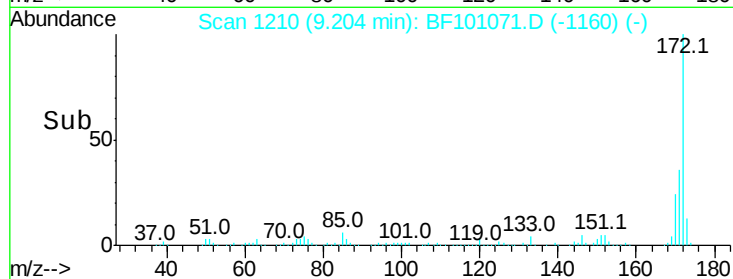
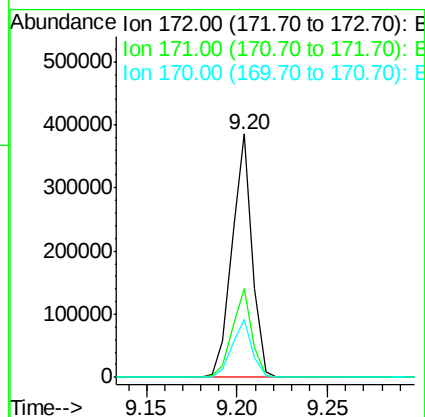
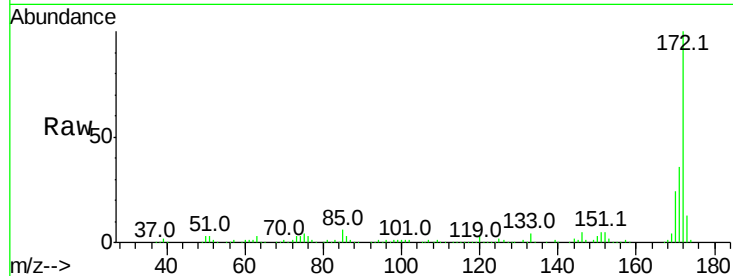
#44
2-Fluorobiphenyl
Concen: 47.003 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101071.D
Acq: 1 Dec 2017 18:51

Instrument :
BNA_F
ClientSampleId :
DBEW1A-2-4

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4

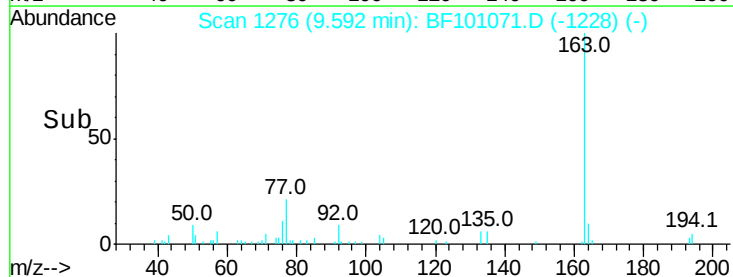
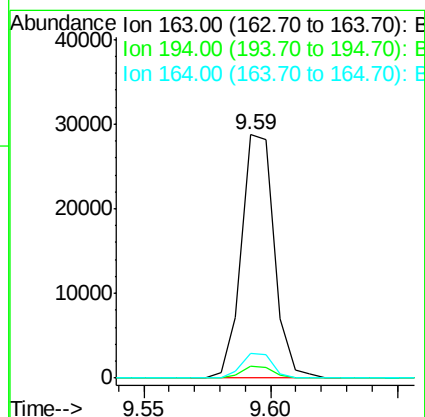
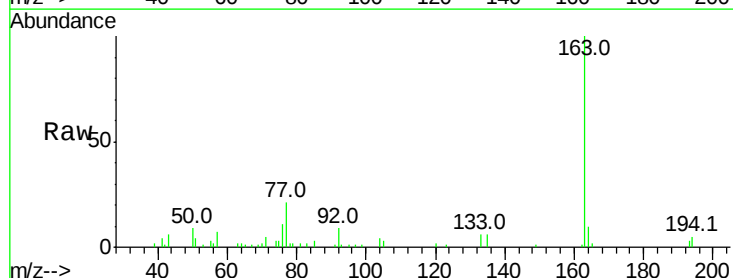
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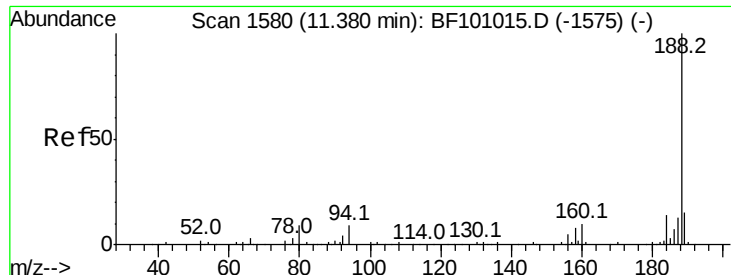
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#49
Dimethylphthalate
Concen: 3.704 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101071.D
Acq: 1 Dec 2017 18:51

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	4.9	2.7	4.1#
164	10.3	8.2	12.2





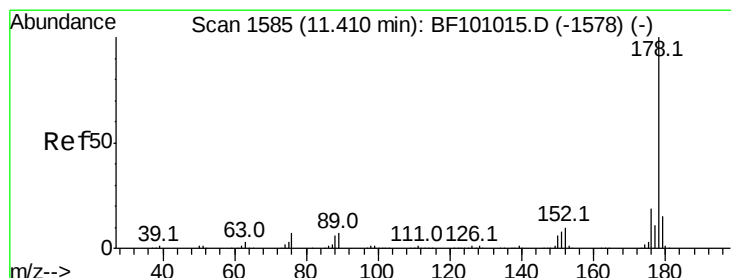
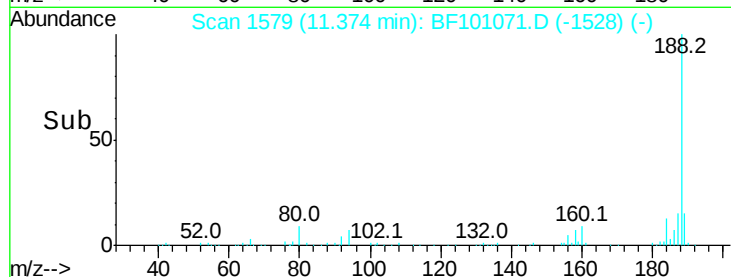
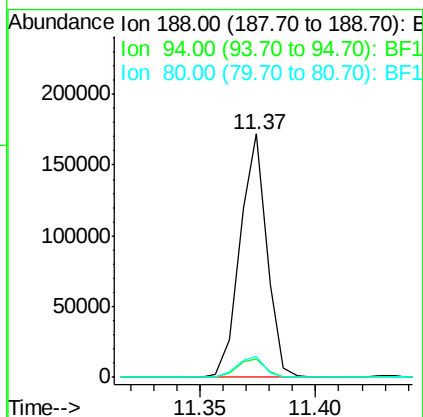
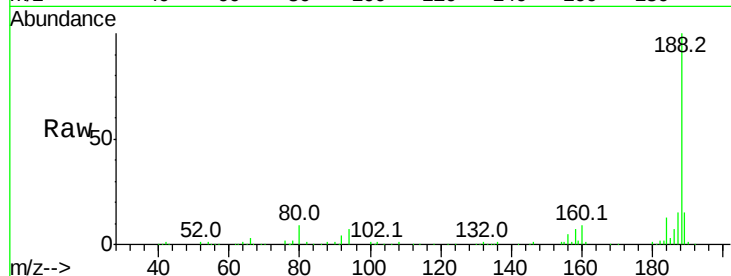
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101071.D
Acq: 1 Dec 2017 18:51

Instrument :
BNA_F
ClientSampleId :
DBEW1A-2-4

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.4	8.5	12.7#
80	8.7	9.2	13.8#

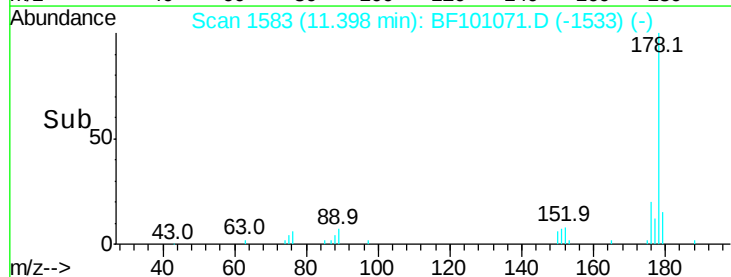
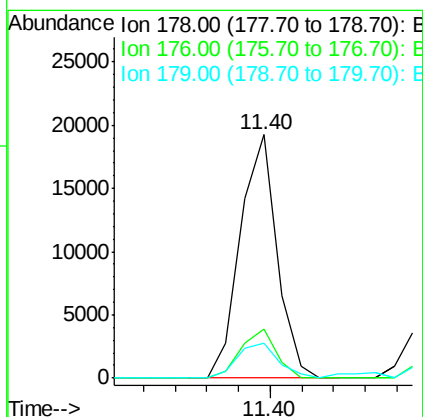
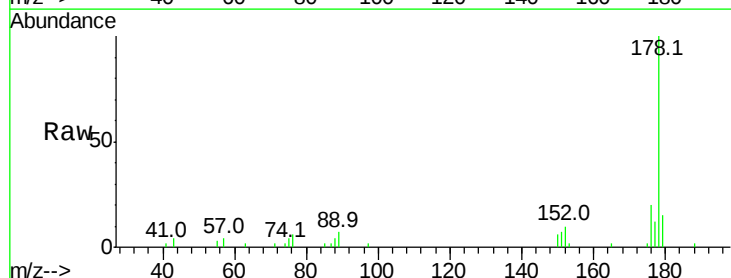
Manual Integrations
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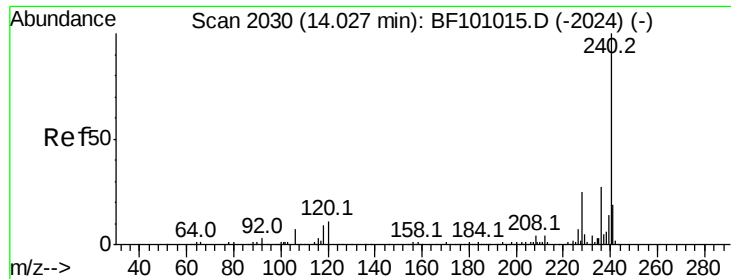
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#70
Phenanthrene
Concen: 2.014 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF101071.D
Acq: 1 Dec 2017 18:51

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.0	15.8	23.8
179	14.6	13.0	19.6





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF101071.D

Acq: 1 Dec 2017 18:51

Instrument :

BNA_F

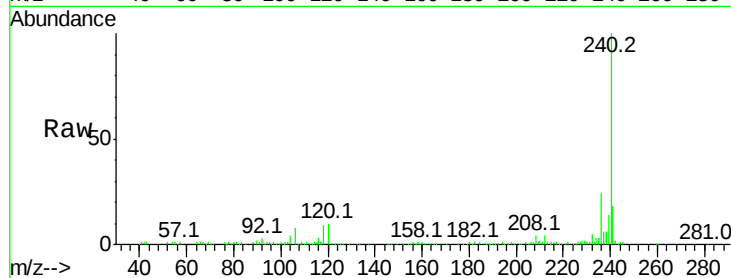
ClientSampleId :

DBEW1A-2-4

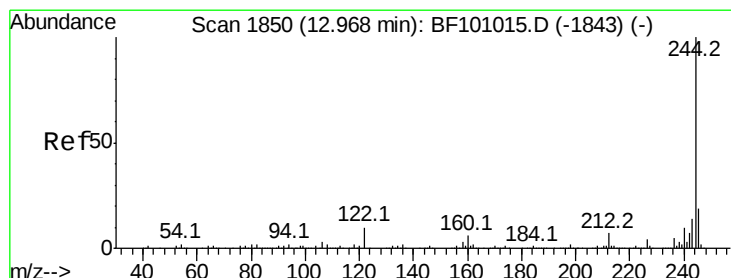
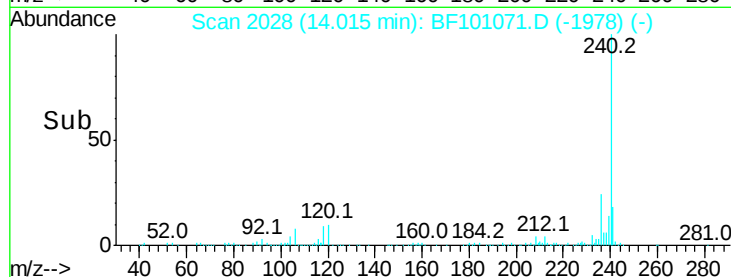
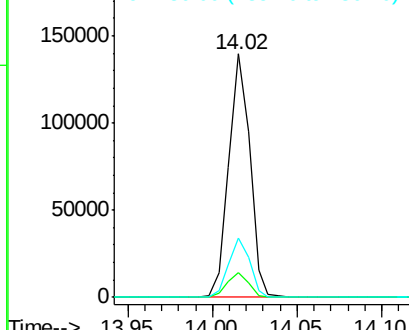
Tot Ion:	240	Resp:	121802
Ion Ratio	Lower	Upper	
240	100		
120	9.9	9.5	14.3
236	24.4	20.7	31.1

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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: 36.488 ng

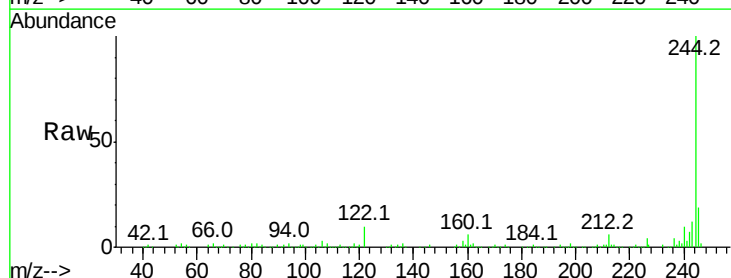
RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

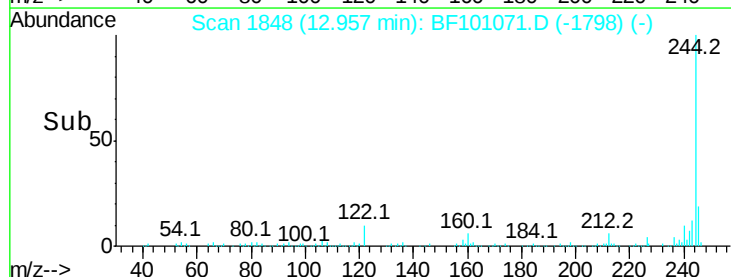
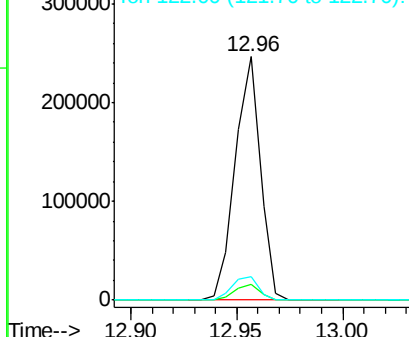
Lab File: BF101071.D

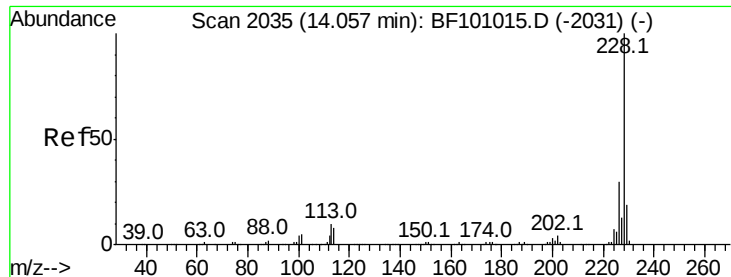
Acq: 1 Dec 2017 18:51

Tgt Ion:	244	Resp:	203192
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.4	8.0
122	9.6	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





#82

Chrysene

Concen: 2.632 ng/mL

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF101071.D

Acq: 1 Dec 2017 18:51

Instrument :

BNA_F

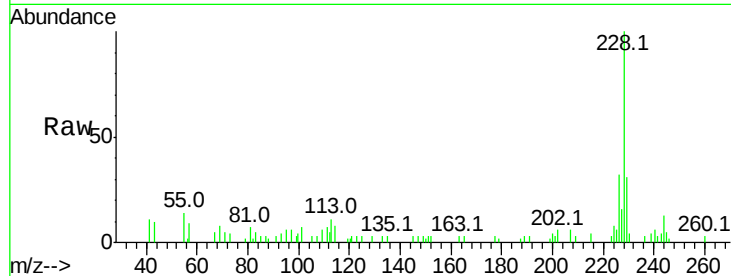
ClientSampleId :

DBEW1A-2-4

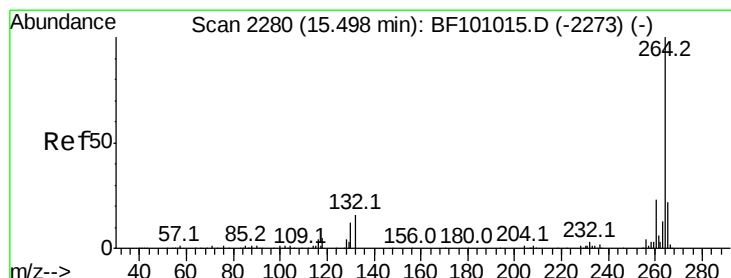
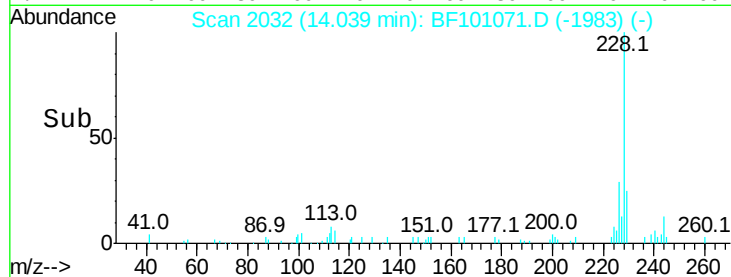
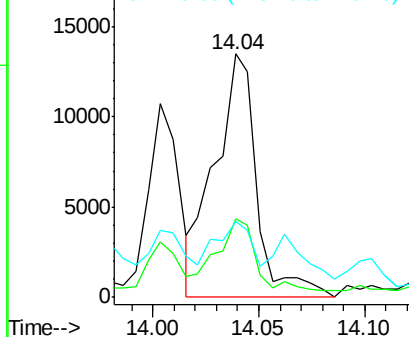
Tot Ion:	228	Resp:	18799
Ion Ratio	Lower	Upper	
228	100		
226	32.5	25.0	37.6
229	31.1	16.2	24.4

Manual Integrations
APPROVED

Sohil
12/4/2017 11:56:46 AM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.000 ng/mL

RT: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF101071.D

Acq: 1 Dec 2017 18:51

Tgt Ion:	264	Resp:	106846
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.2	28.8
265	22.0	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

