

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
 Data File : BF102849.D
 Acq On : 8 Feb 2018 12:09
 Operator : SJ/JU
 Sample : J1469-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-3

Manual Integrations
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Sohil
 2/9/2018 4:33:23 PM

Quant Time: Feb 08 14:15:32 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	209860	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	870944	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	399193	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	659314	20.00	ng	0.00
75) Chrysene-d12	14.04	240	378037	20.00	ng	0.00
86) Perylene-d12	15.53	264	378212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1374976	99.50	ng	0.01
7) Phenol-d6	6.51	99	1657271	99.60	ng	0.00
23) Nitrobenzene-d5	7.45	82	1101491	87.73	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	318378	99.09	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1603685	66.66	ng	0.00
78) Terphenyl-d14	13.00	244	1206990	75.60	ng	0.00
Target Compounds						
10) Phenol	6.52	94	40726	2.284	ng	95
32) Benzoic acid	7.88	122	3989m	8.990	ng	
49) Dimethylphthalate	9.63	163	168802	5.423	ng	99
82) Chrysene	14.07	228	57968	2.419	ng	99
87) Benzo(b)fluoranthene	15.09	252	91222m	3.720	ng	

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

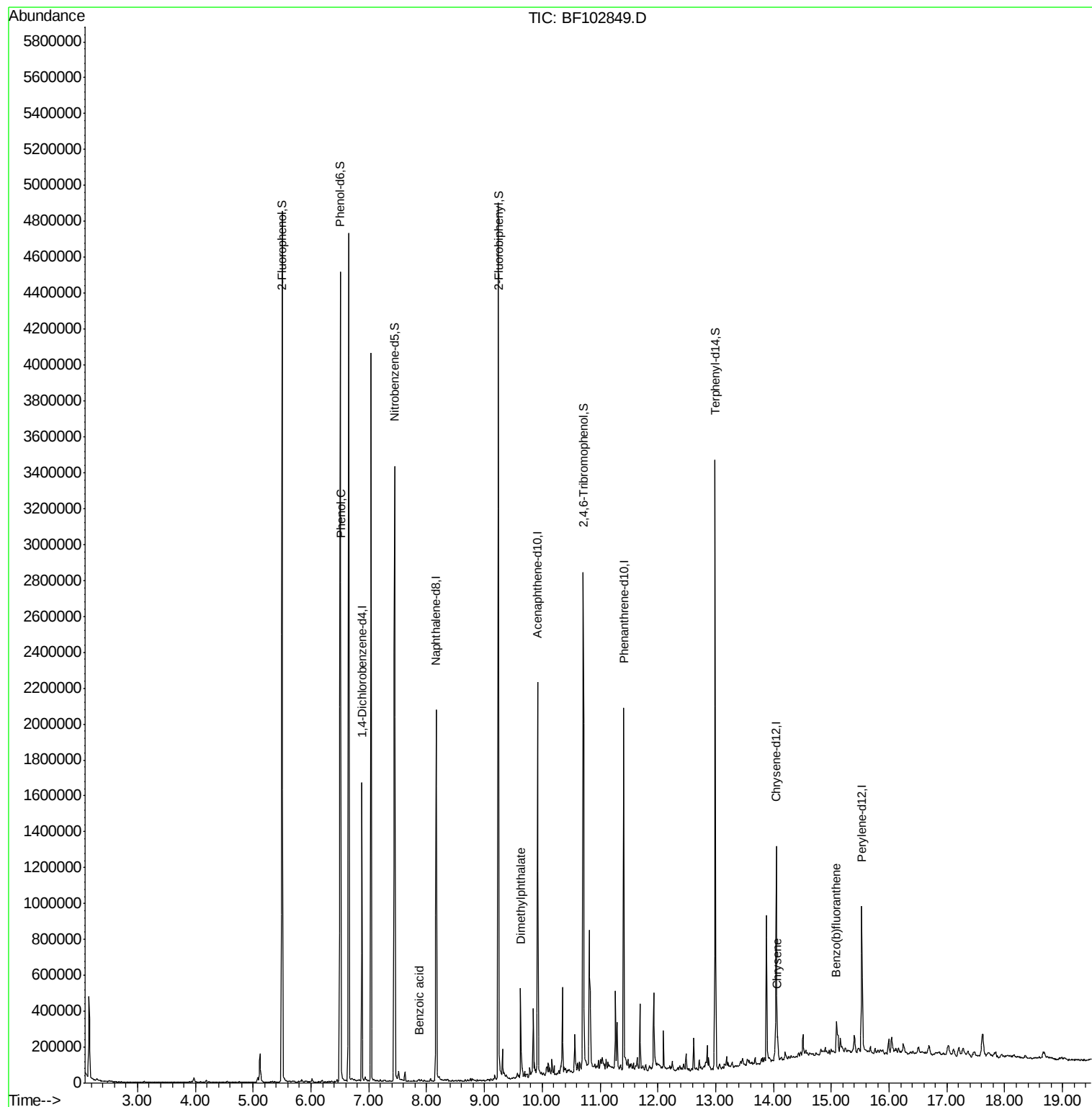
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
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#1

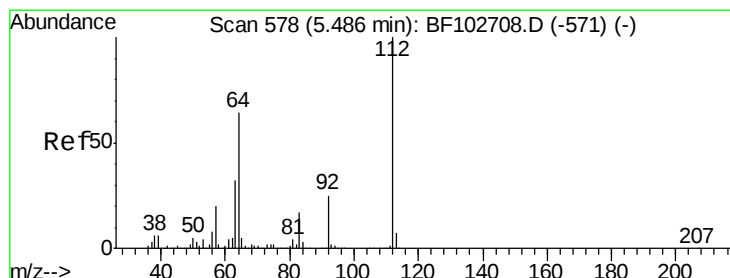
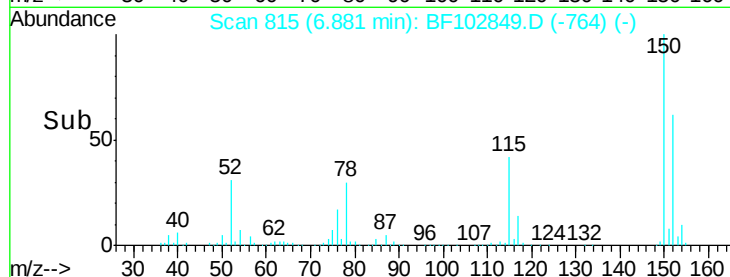
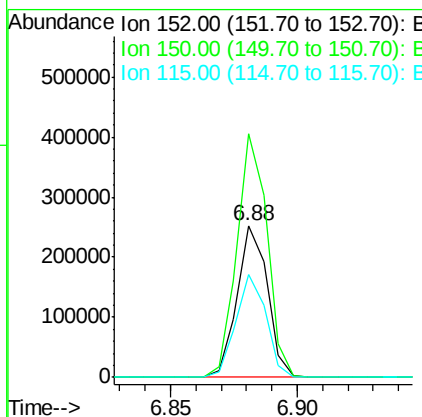
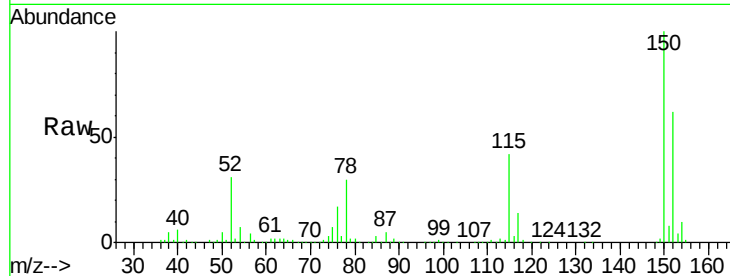
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102849.D
Acq: 8 Feb 2018 12:09

Instrument :
BNA_F
ClientSampled :
WABUT-3

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	186.8
115	67.6	50.1	75.1

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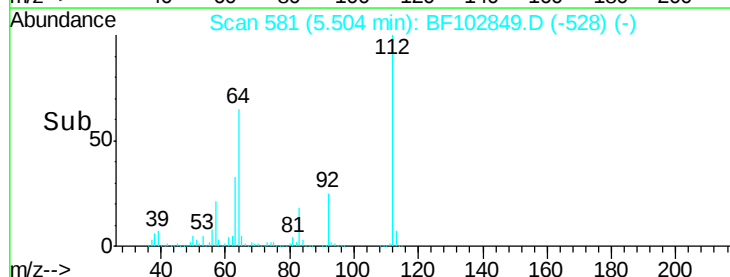
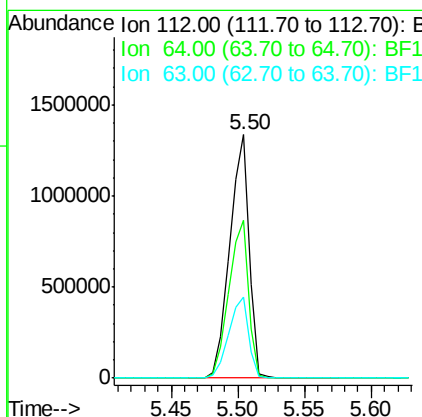
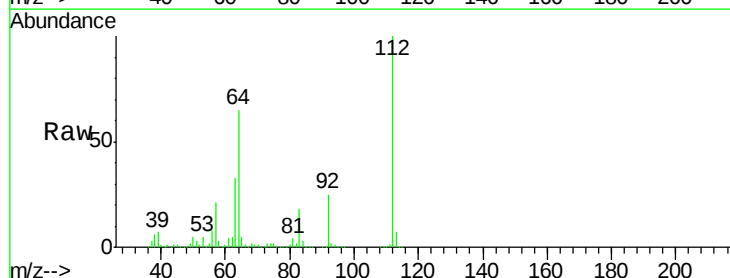
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#5

2-Fluorophenol
Concen: 99.501 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102849.D
Acq: 8 Feb 2018 12:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	47.9	71.9
63	33.4	23.7	35.5





#7

Phenol-d6

Concen: 99.604 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102849.D

Acq: 8 Feb 2018 12:09

Instrument :

BNA_F

ClientSampleId :

WABUT-3

Tgt Ion: 99 Resp: 1657271

Ion Ratio Lower Upper

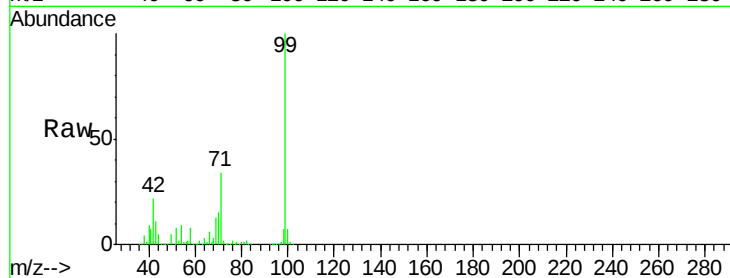
99 100

42 21.6 14.5 21.7

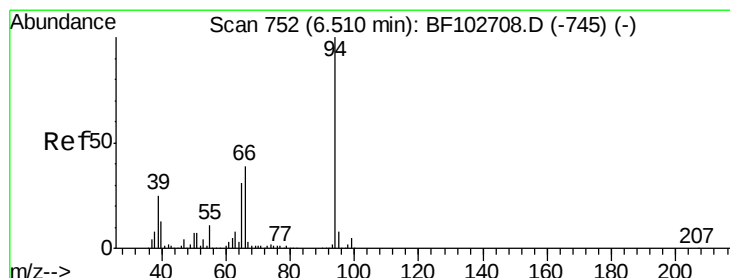
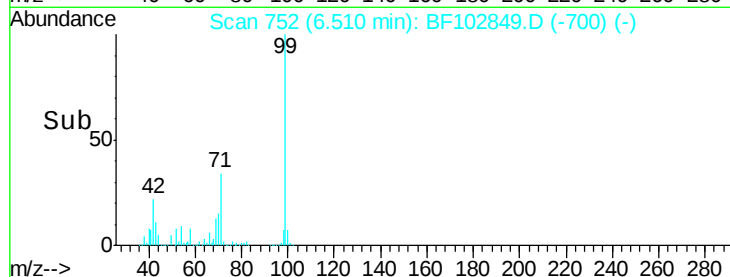
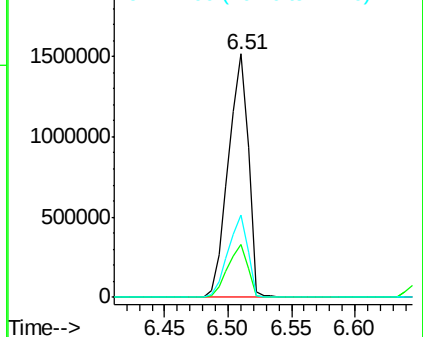
71 33.6 25.4 38.0

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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: 2.284 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF102849.D

Acq: 8 Feb 2018 12:09

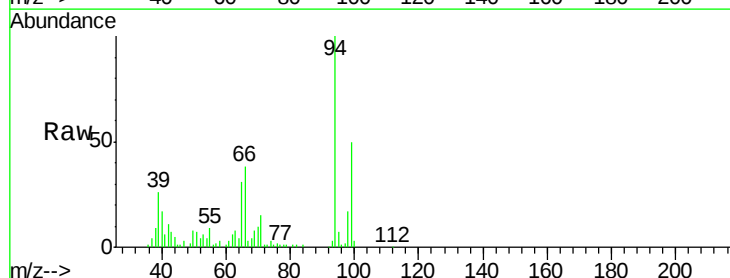
Tgt Ion: 94 Resp: 40726

Ion Ratio Lower Upper

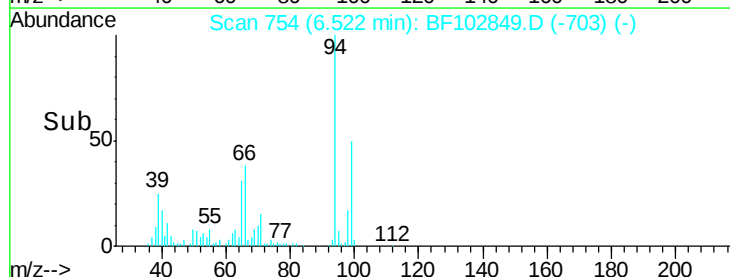
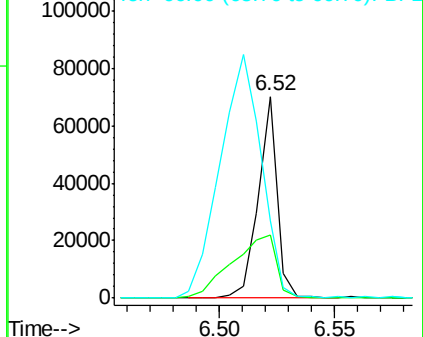
94 100

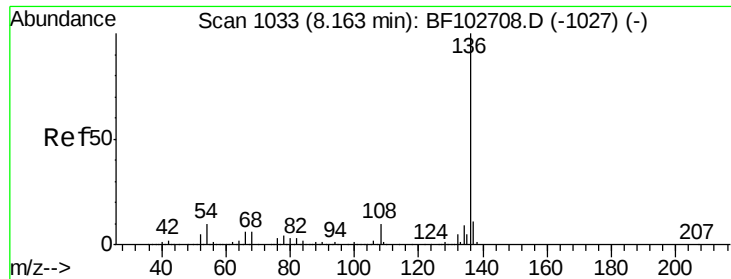
65 31.5 7.9 47.9

66 38.1 16.2 56.2



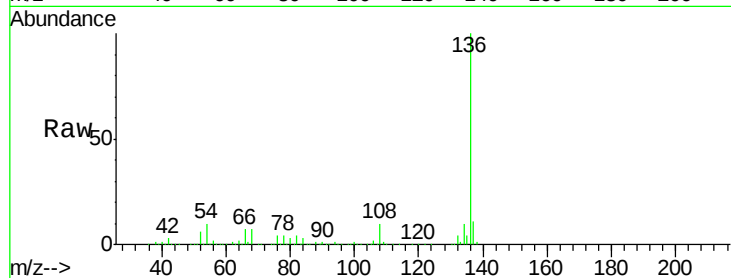
Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102849.D
Acq: 8 Feb 2018 12:09

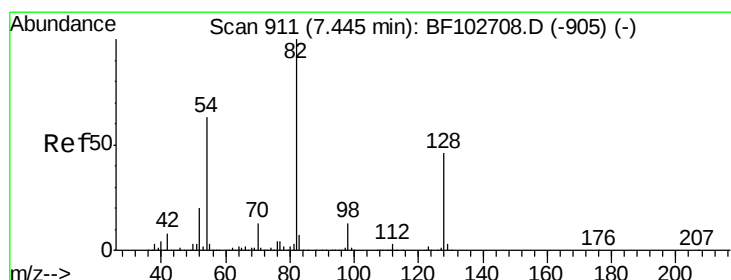
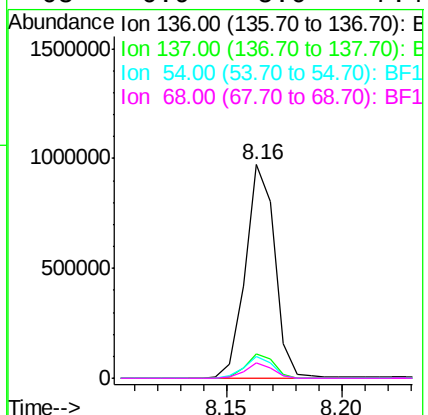
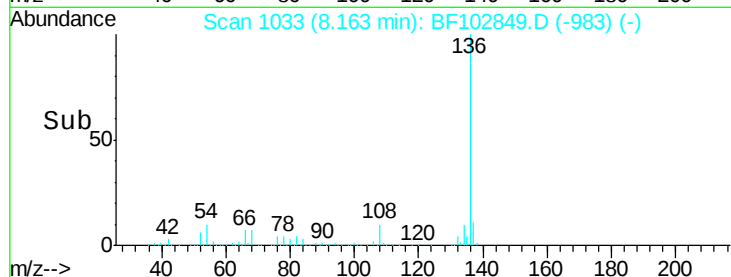
Instrument :
BNA_F
ClientSampleId :
WABUT-3



Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	10.2	6.6	9.8	
68	6.9	5.0	7.4	

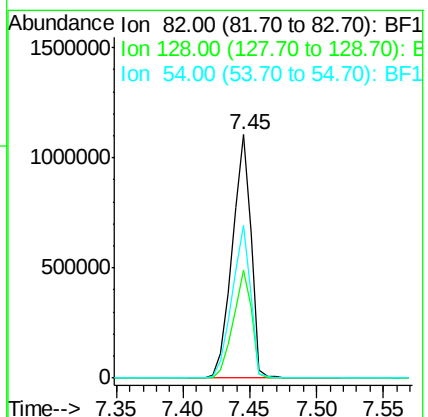
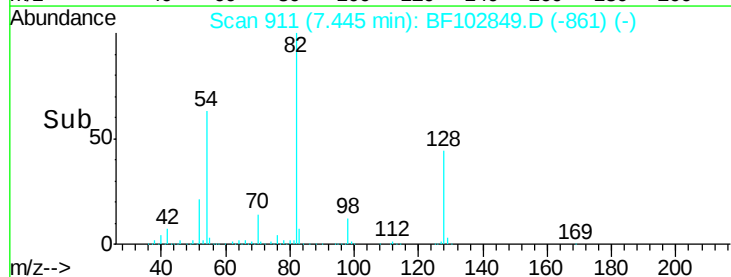
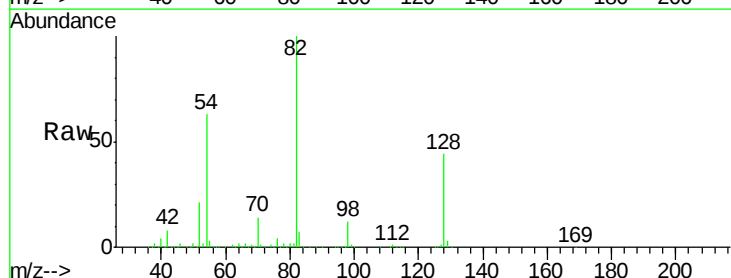
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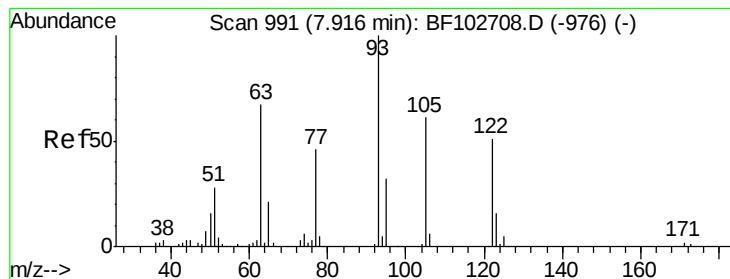
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#23
Nitrobenzene-d5
Concen: 87.734 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102849.D
Acq: 8 Feb 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.2	36.1	54.1	
54	62.7	41.4	62.2	





#32

Benzoic acid

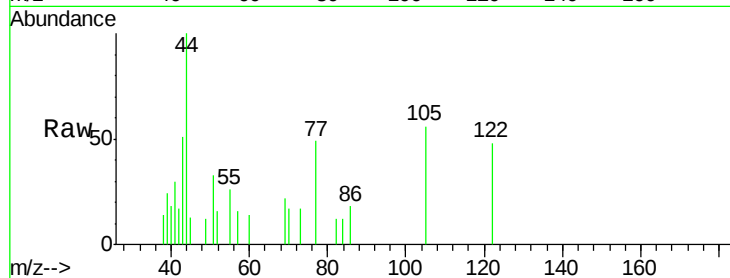
Concen: 8.990 ng m
RT: 7.88 min Scan# 985
Delta R.T. -0.05 min
Lab File: BF102849.D
Acq: 8 Feb 2018 12:09

Instrument :
BNA_F
ClientSampleId :
WABUT-3

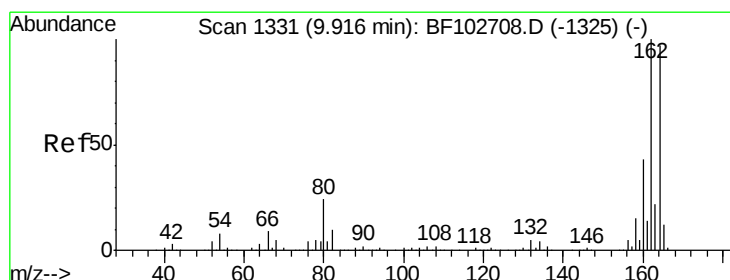
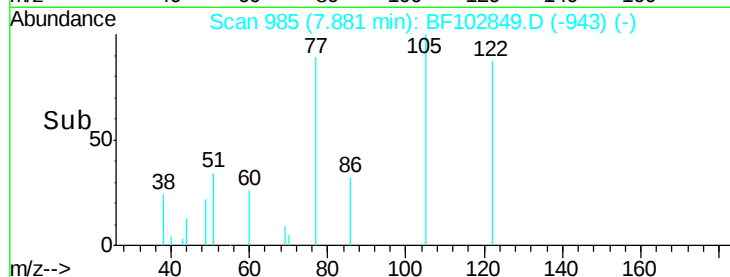
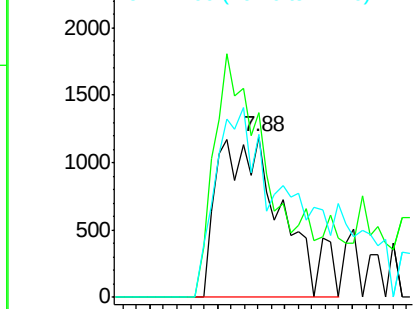
Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.9	101.1	141.1
77	101.9	70.7	110.7

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1



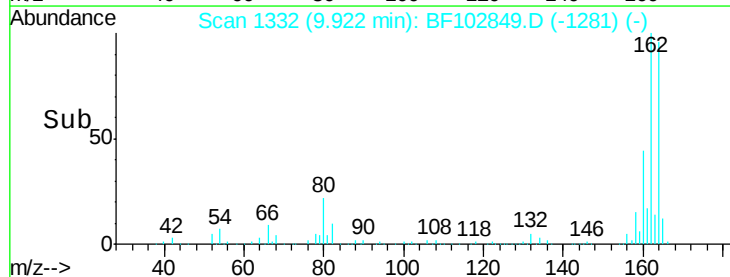
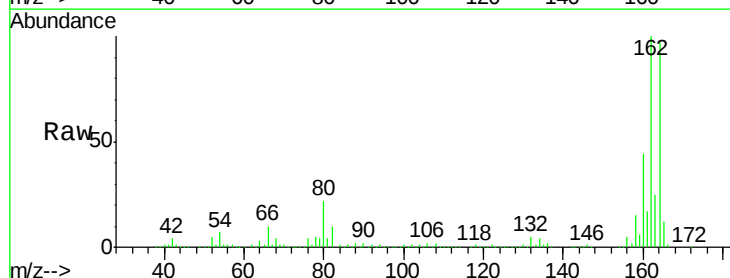
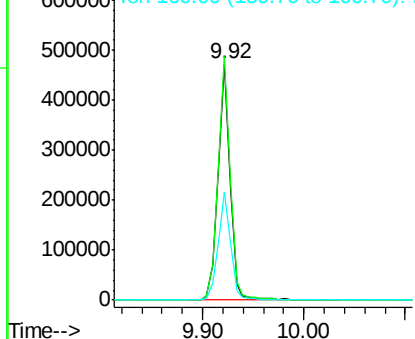
#38

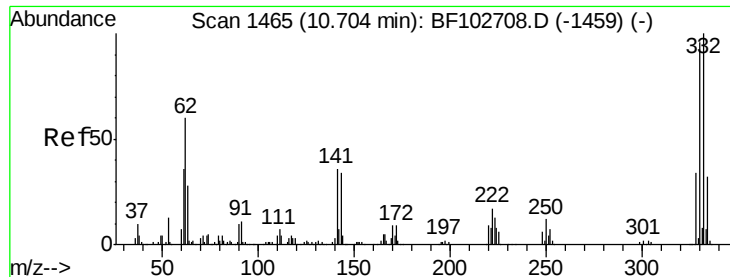
Acenaphthene-d10

Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF102849.D
Acq: 8 Feb 2018 12:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	45.8	38.3	57.5

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





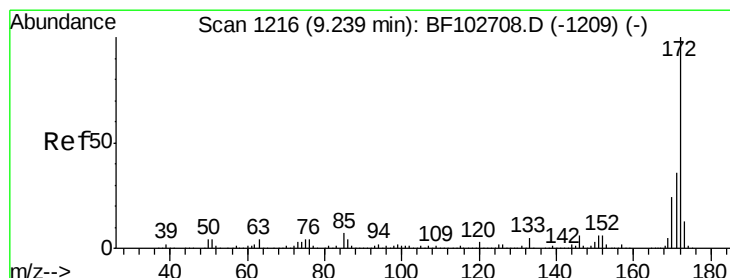
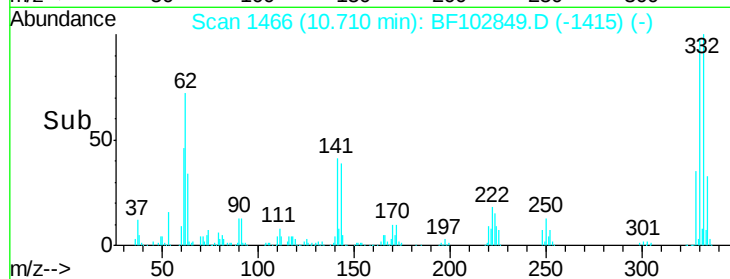
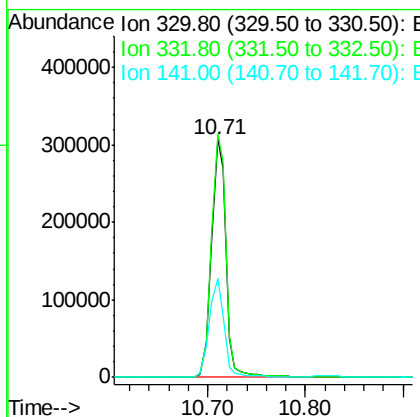
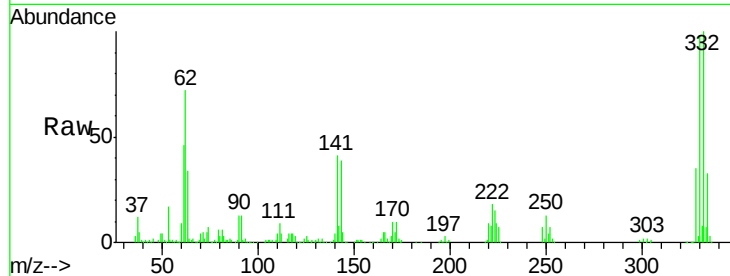
#41
 2,4,6-Tribromophenol
 Concen: 99.089 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF102849.D
 Acq: 8 Feb 2018 12:09

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-3

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.9	77.0	115.6	
141	42.9	29.9	44.9	

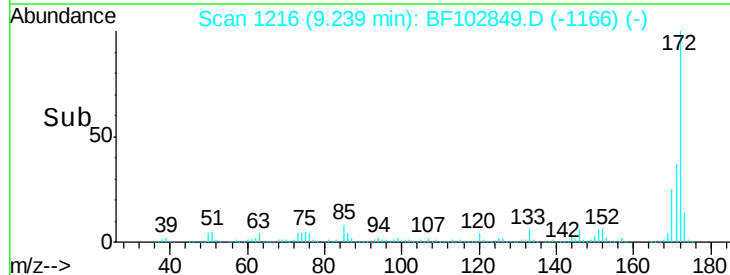
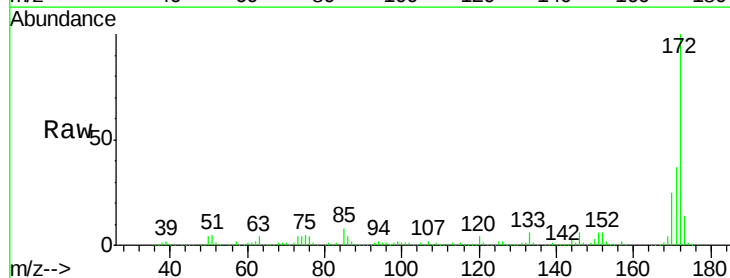
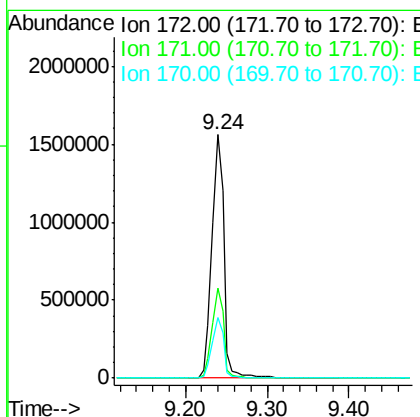
Manual Integrations
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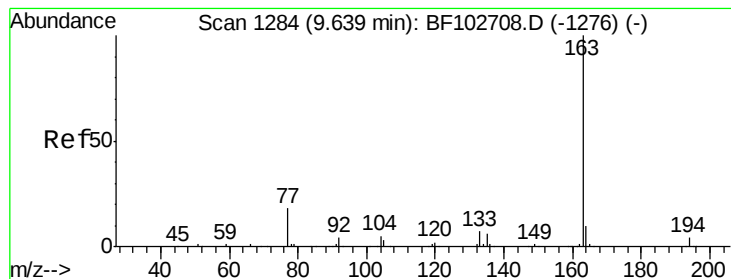
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#44
 2-Fluorobiphenyl
 Concen: 66.662 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102849.D
 Acq: 8 Feb 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.0	29.7	44.5	
170	24.8	19.6	29.4	





#49

Dimethylphthalate

Concen: 5.423 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF102849.D

Acq: 8 Feb 2018 12:09

Instrument :

BNA_F

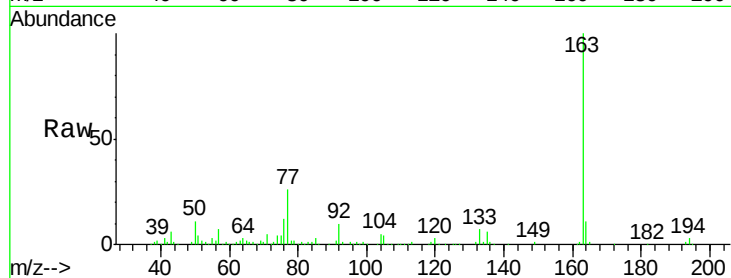
ClientSampleId :

WABUT-3

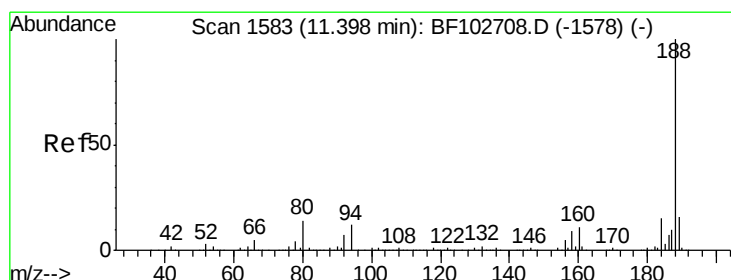
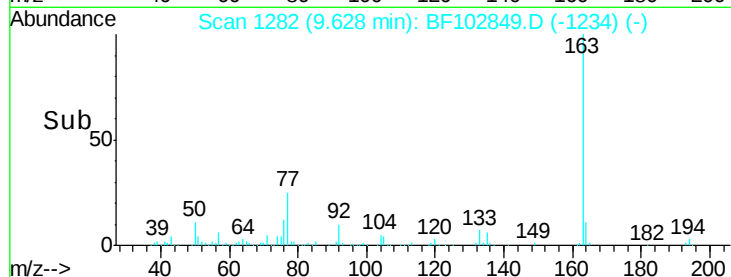
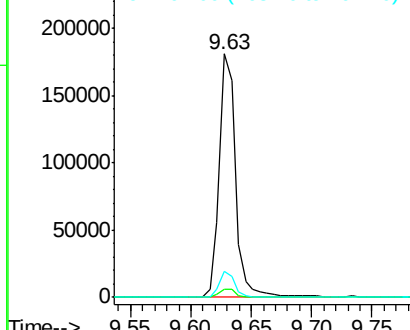
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	168802		
194	3.1	2.7	4.1	
164	10.5	8.2	12.2	

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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

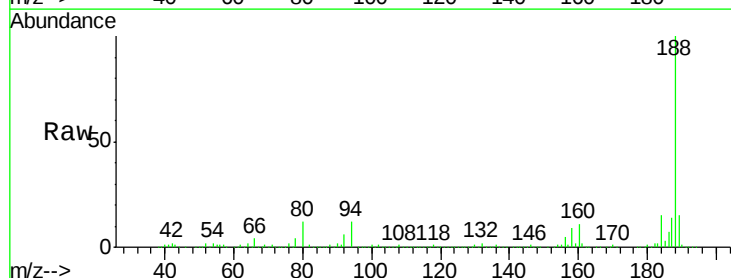
RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

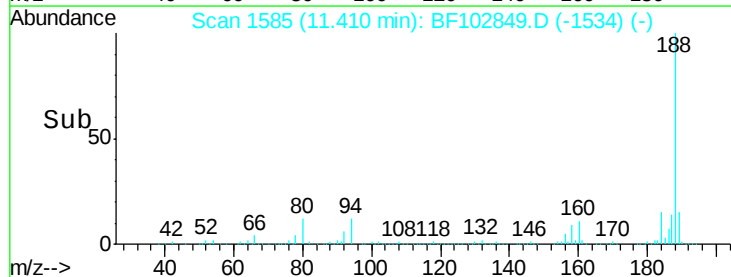
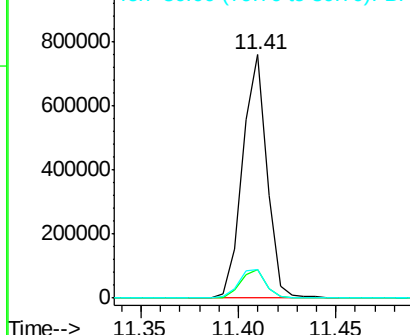
Lab File: BF102849.D

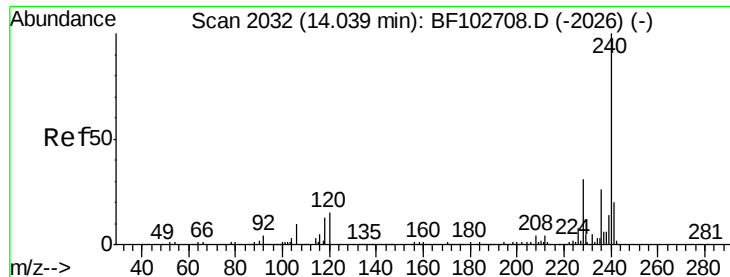
Acq: 8 Feb 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	659314		
94	11.8	8.5	12.7	
80	12.0	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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF102849.D

Acq: 8 Feb 2018 12:09

Instrument :

BNA_F

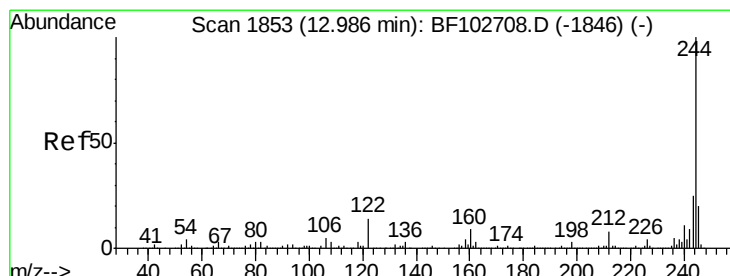
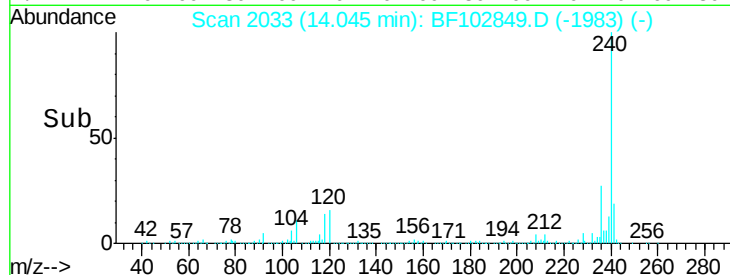
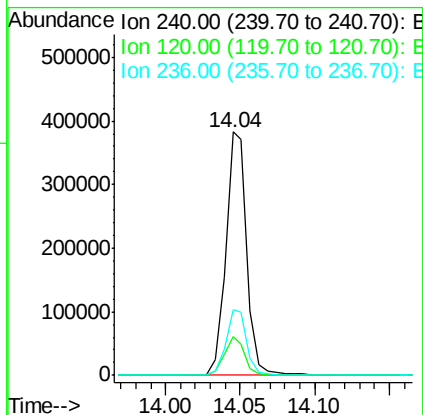
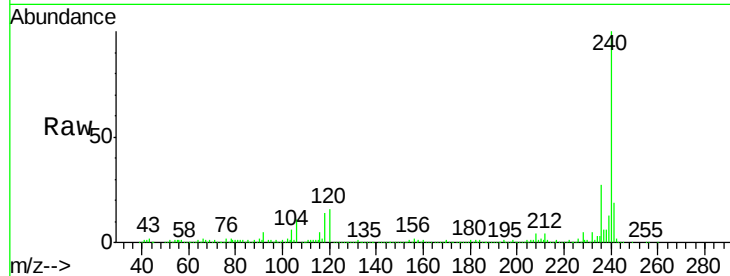
ClientSampled :

WABUT-3

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	378037		
120	16.1	9.5	14.3#	
236	27.0	20.7	31.1	

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#78

Terphenyl-d14

Concen: 75.598 ng

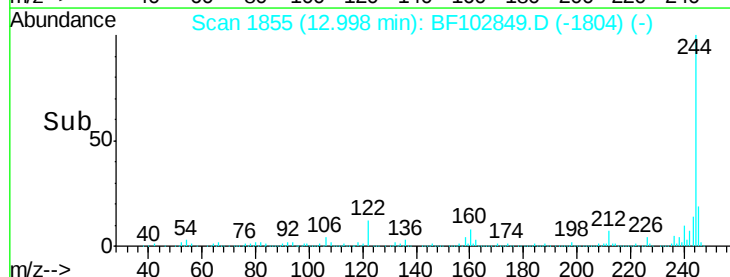
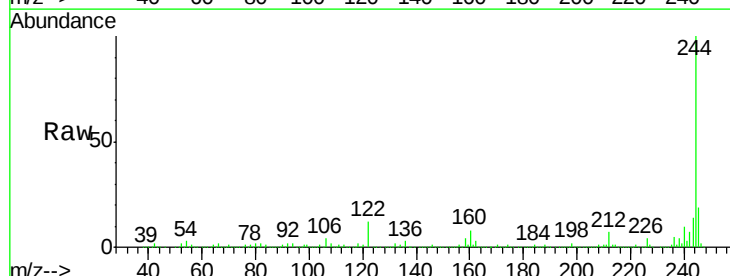
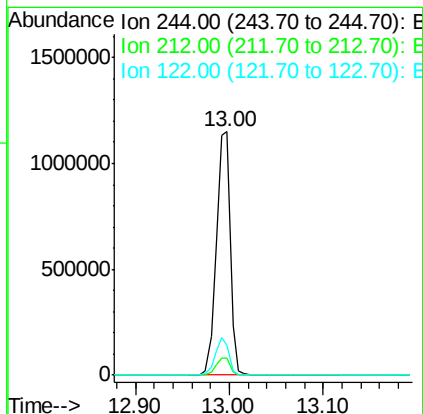
RT: 13.00 min Scan# 1855

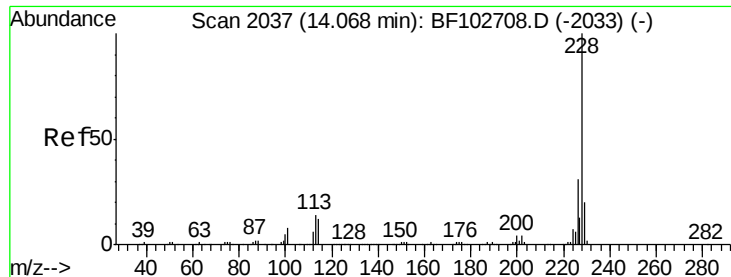
Delta R.T. 0.00 min

Lab File: BF102849.D

Acq: 8 Feb 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1206990		
212	6.9	5.4	8.0	
122	12.4	11.0	16.4	





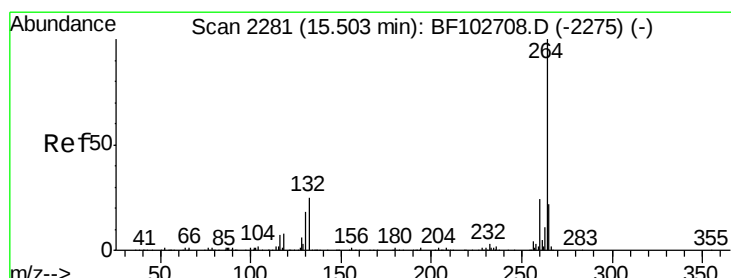
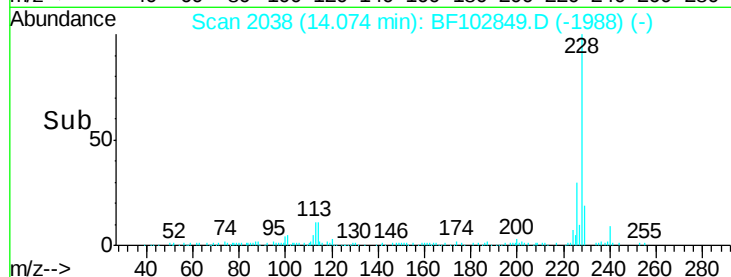
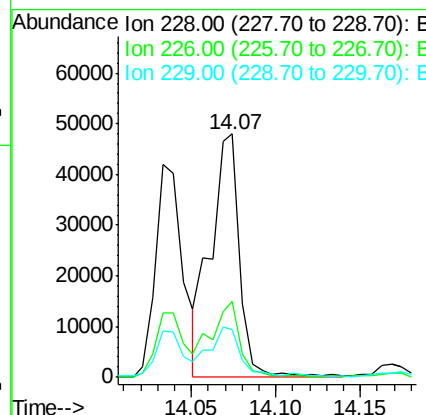
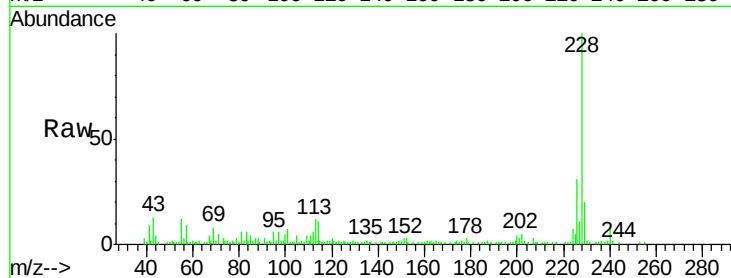
#82
Chrysene
Concen: 2.419 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF102849.D
Acq: 8 Feb 2018 12:09

Instrument :
BNA_F
ClientSampleId :
WABUT-3

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	19.5	16.2	24.4

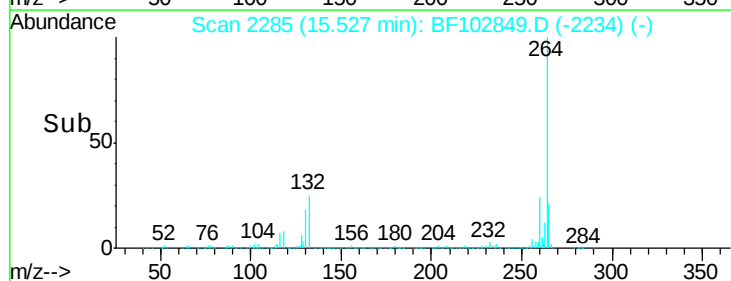
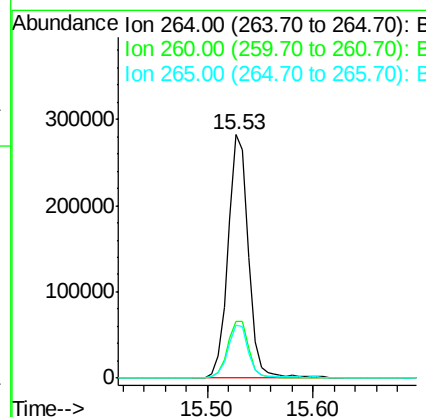
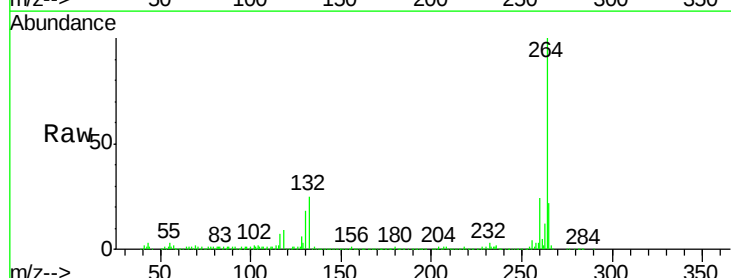
Manual Integrations
APPROVED

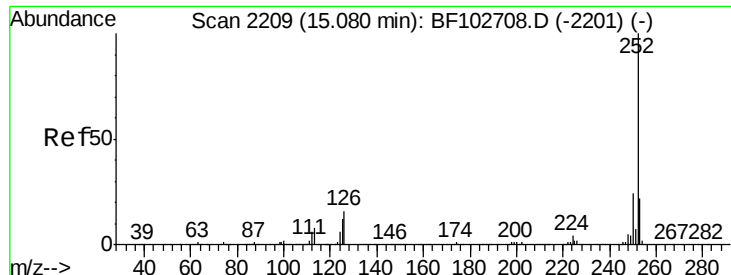
Sohil
2/9/2018 4:33:23 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF102849.D
Acq: 8 Feb 2018 12:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 3.720 ng m
 RT: 15.09 min Scan# 2210
 Delta R.T. -0.01 min
 Lab File: BF102849.D
 Acq: 8 Feb 2018 12:09

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.6
125	15.5	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 2/9/2018 4:33:23 PM

