

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103287.D
 Acq On : 28 Feb 2018 2:55
 Operator : SJ/JU
 Sample : J1683-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW12-GW

Manual Integrations
 APPROVED

Sohil
 2/28/2018 11:18:12 AM

Quant Time: Feb 28 09:19:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	165683	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	647741	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	259756	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	360557	20.00	ng	0.00
75) Chrysene-d12	14.05	240	262665	20.00	ng	0.00
86) Perylene-d12	15.56	264	194659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	591529	54.00	ng	0.00
7) Phenol-d6	6.51	99	479059	35.74	ng	0.00
23) Nitrobenzene-d5	7.44	82	895729	78.97	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	191003	86.87	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1248162	82.09	ng	0.00
78) Terphenyl-d14	12.99	244	759847	69.54	ng	0.00
Target Compounds						
10) Phenol	6.52	94	37865m	2.433	ng	Qvalue
17) 2-Methylphenol	7.13	107	35693	3.451	ng	95
20) 3+4-Methylphenols	7.29	107	26142	2.074	ng	# 80
22) Acetophenone	7.28	105	189437	12.529	ng	# 96
27) 2,4-Dimethylphenol	7.83	122	169468	18.859	ng	# 92
31) Naphthalene	8.18	128	134702	4.248	ng	99
49) Dimethylphthalate	9.62	163	79311	3.806	ng	98

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

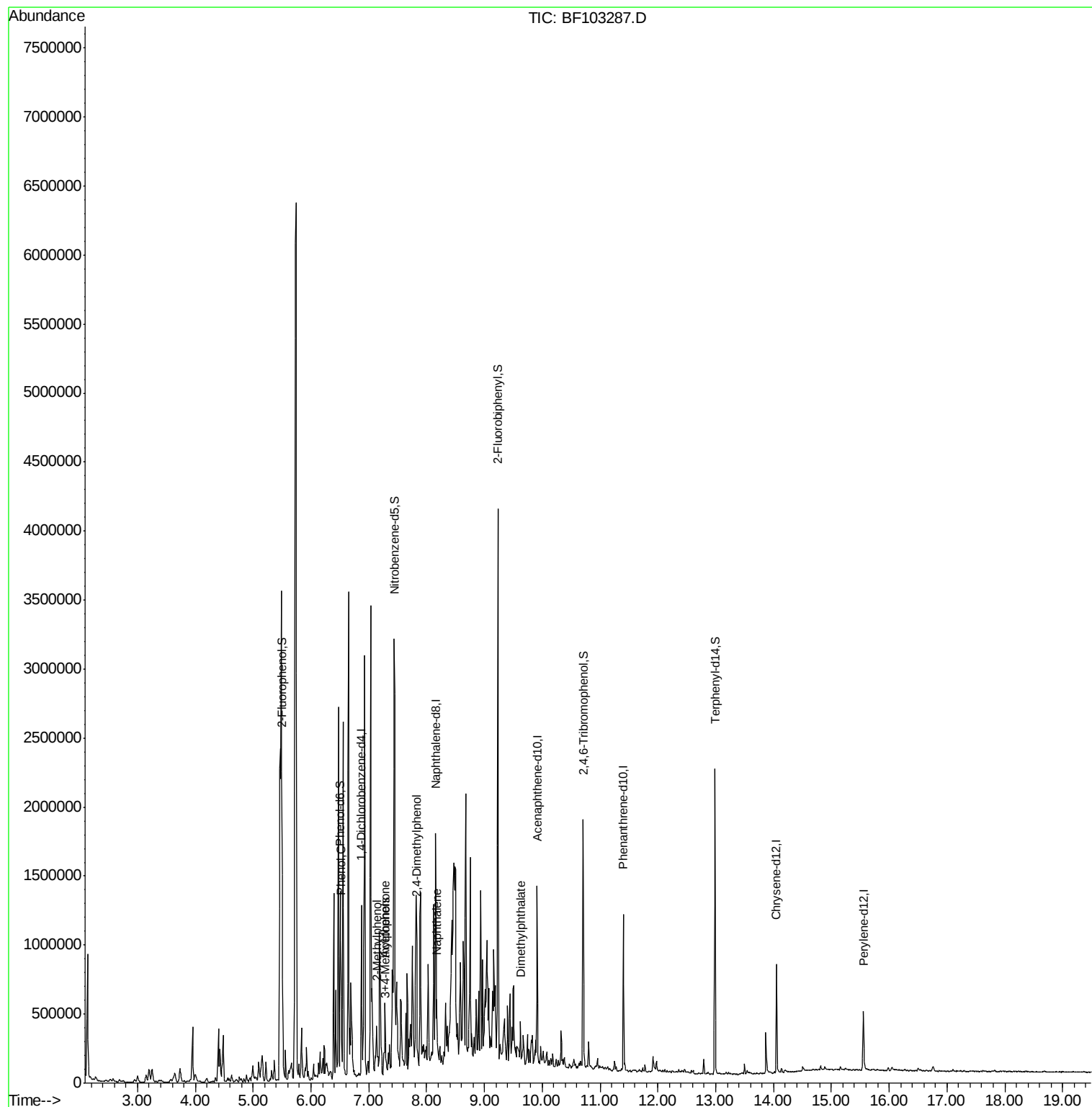
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103287.D
Acq On : 28 Feb 2018 2:55
Operator : SJ/JU
Sample : J1683-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

Manual Integrations
APPROVED

Sohil
2/28/2018 11:18:12 AM

Quant Time: Feb 28 09:19:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration





#1

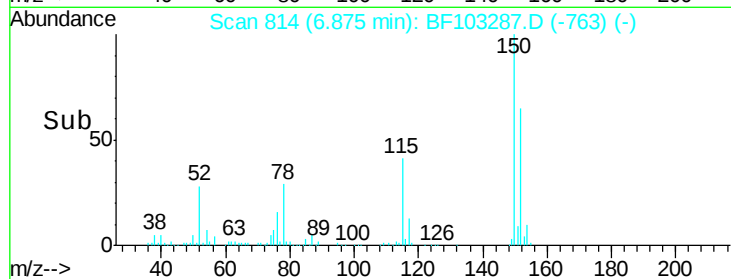
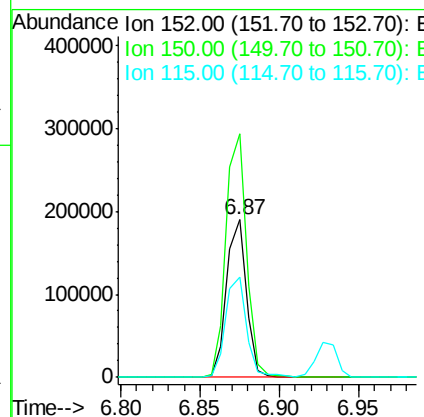
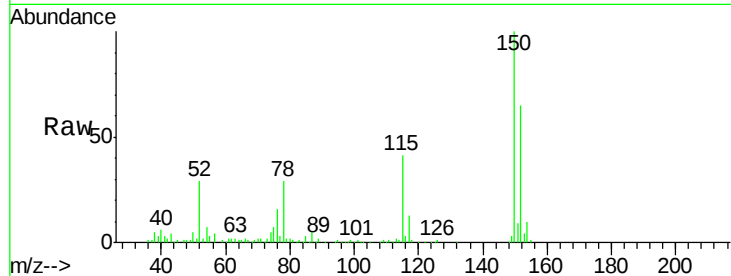
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	64.1	50.1	75.1

Manual Integrations
APPROVED

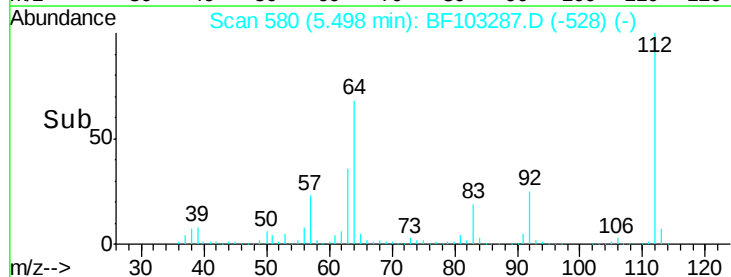
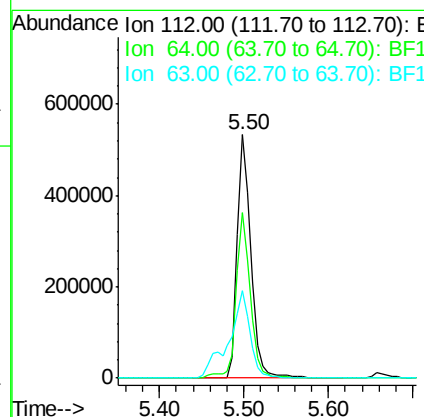
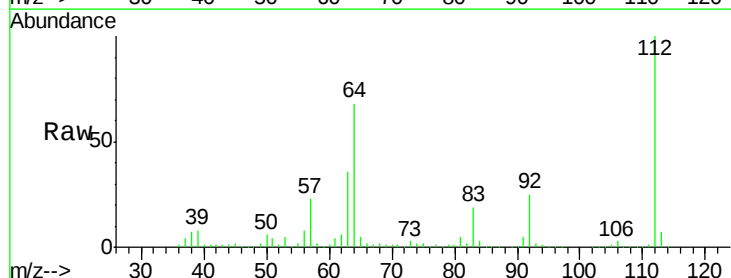
Sohil
2/28/2018 11:18:12 AM

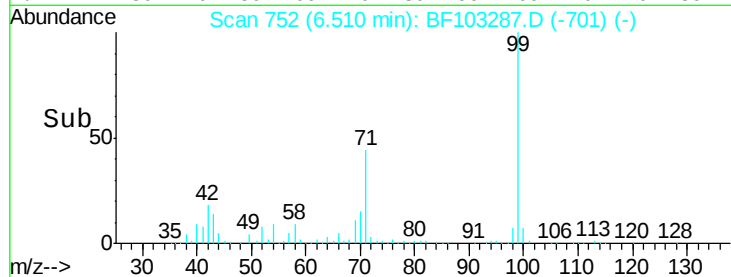
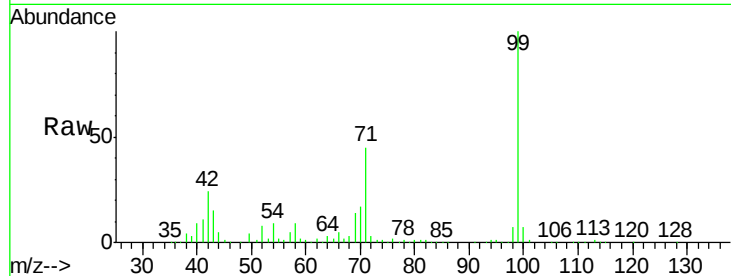
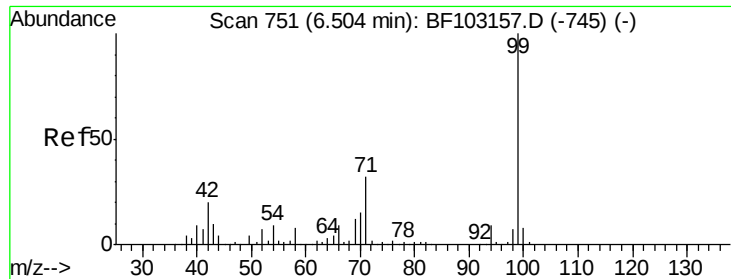


#5

2-Fluorophenol
Concen: 53.997 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	47.9	71.9
63	36.1	23.7	35.5#





#7

Phenol-d6

Concen: 35.738 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103287.D

Acq: 28 Feb 2018 2:55

Tot Ion:	99	Resp:	479059
Ion Ratio	Lower	Upper	
99	100		
42	23.6	14.5	21.7#
71	44.9	25.4	38.0#

Instrument :

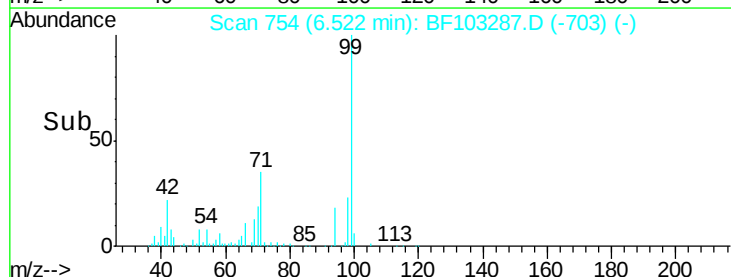
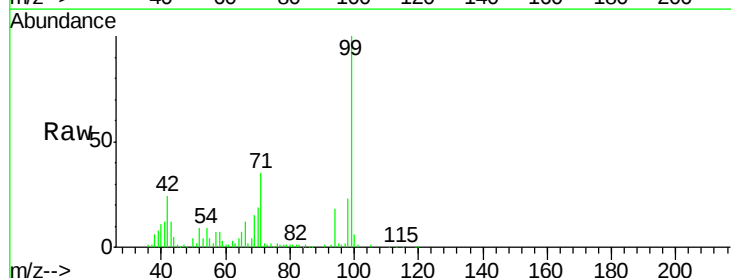
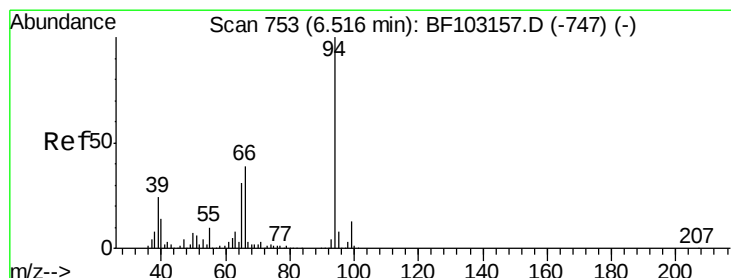
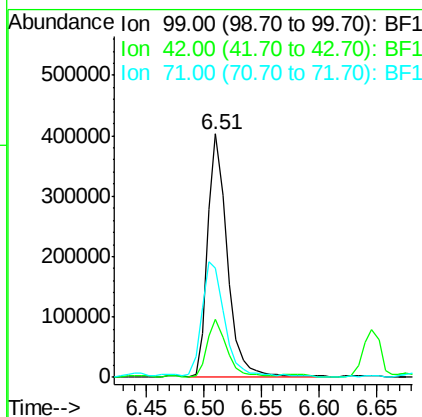
BNA_F

ClientSampleId :

RFK-RMAB-MW12-GW

Manual Integrations
APPROVED

Sohil
2/28/2018 11:18:12 AM



#10

Phenol

Concen: 2.433 ng m

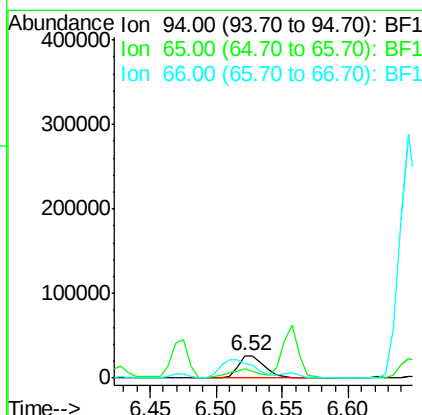
RT: 6.52 min Scan# 754

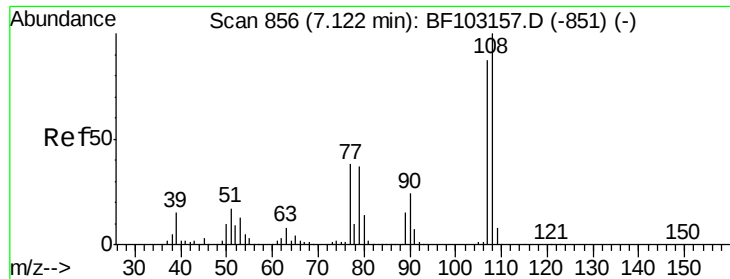
Delta R.T. -0.00 min

Lab File: BF103287.D

Acq: 28 Feb 2018 2:55

Tgt Ion:	94	Resp:	37865
Ion Ratio	Lower	Upper	
94	100		
65	38.9	7.9	47.9
66	65.9	16.2	56.2#





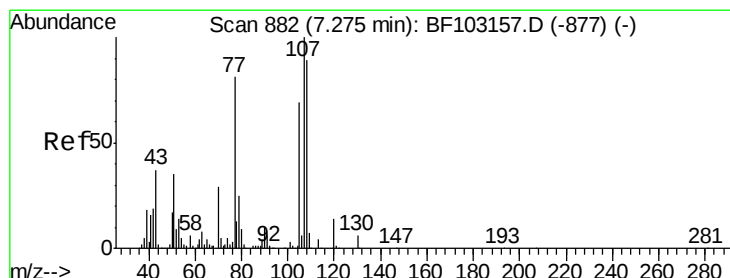
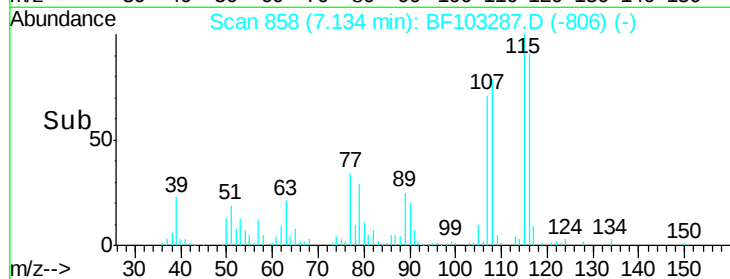
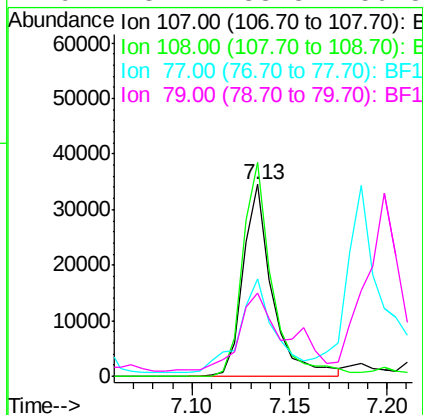
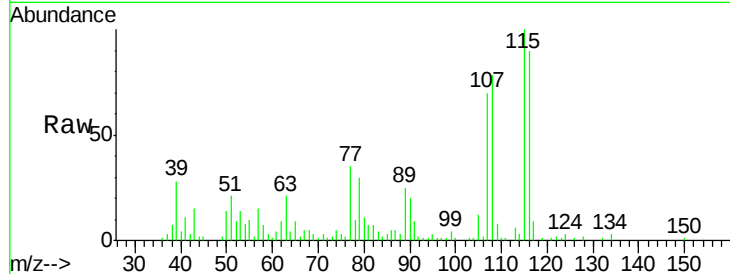
#17
2-Methylphenol
Concen: 3.451 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

Tot Ion:	107	Resp:	35693
Ion Ratio	Lower	Upper	
107	100		
108	111.5	91.7	137.5
77	50.6	33.8	50.8
79	43.2	33.8	50.8

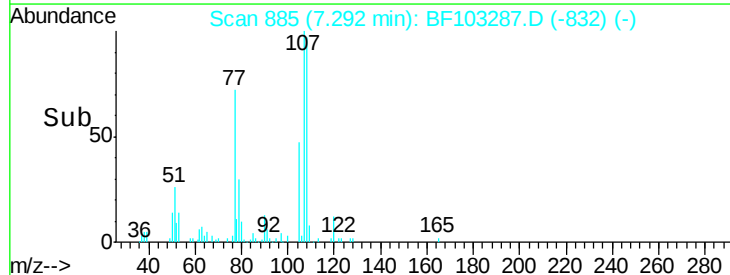
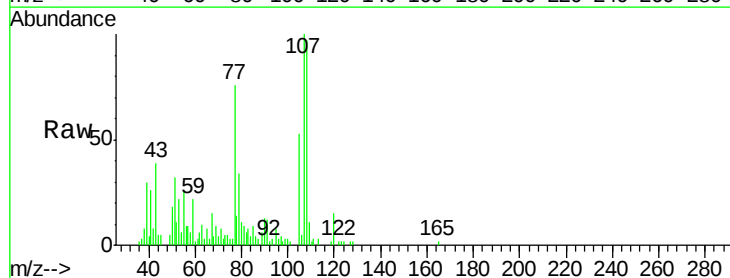
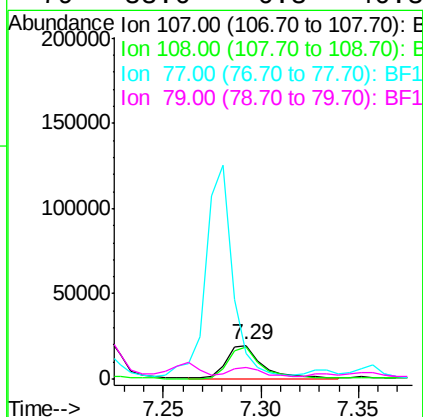
Manual Integrations
APPROVED

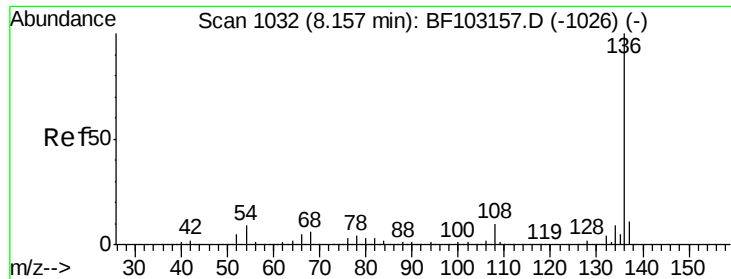
Sohil
2/28/2018 11:18:12 AM



#20
3+4-Methylphenols
Concen: 2.074 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Tgt Ion:	107	Resp:	26142
Ion Ratio	Lower	Upper	
107	100		
108	97.4	68.2	108.2
77	75.8	26.7	66.7#
79	33.6	6.3	46.3





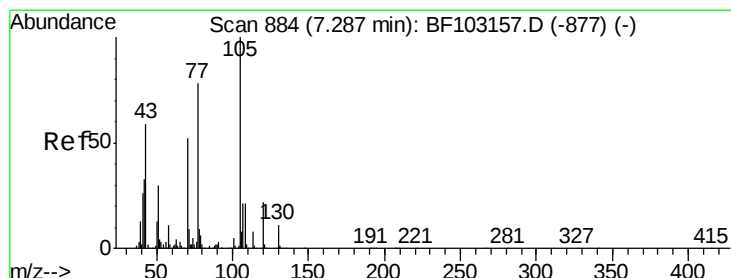
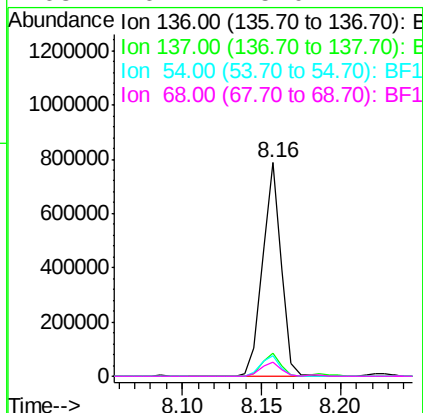
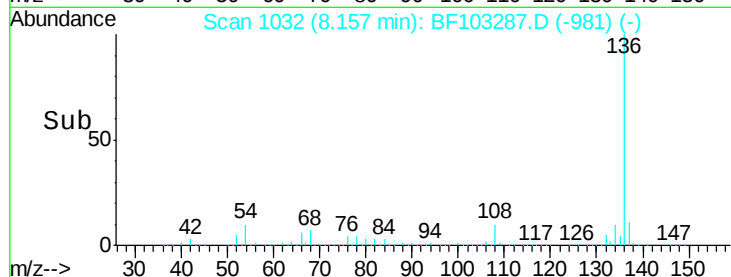
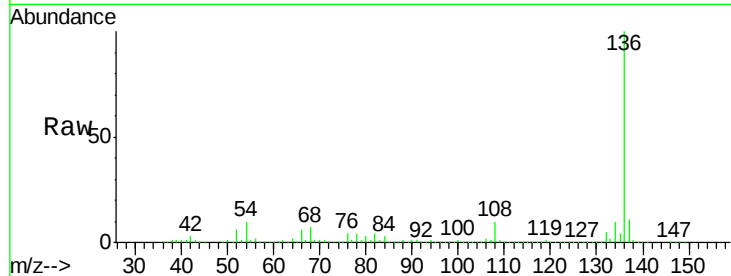
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

Tot Ion	Ratio	Resp	Lower	Upper
136	100	647741		
137	11.0	8.9	13.3	
54	9.9	6.6	9.8	
68	6.7	5.0	7.4	

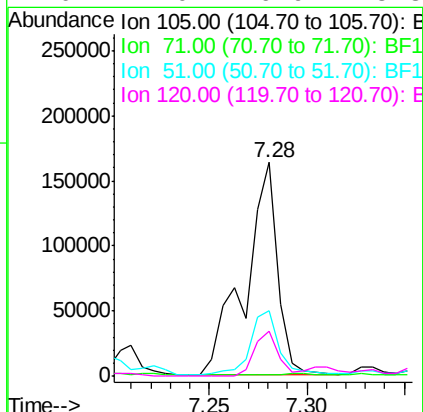
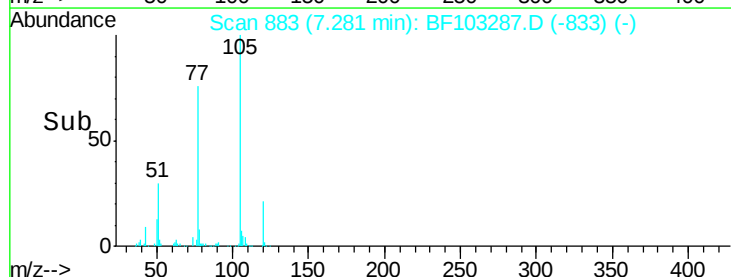
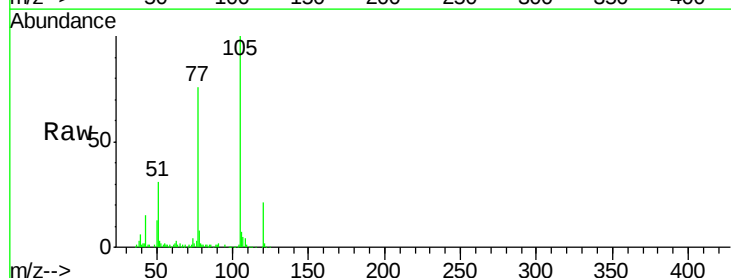
Manual Integrations
APPROVED

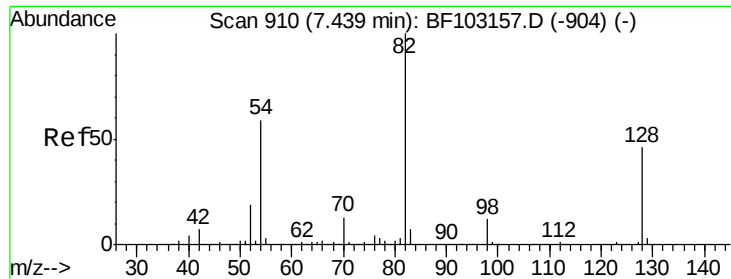
Sohil
2/28/2018 11:18:12 AM



#22
Acetophenone
Concen: 12.529 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	189437		
71	0.8	4.4	6.6	
51	30.5	22.3	33.5	
120	21.0	16.9	25.3	





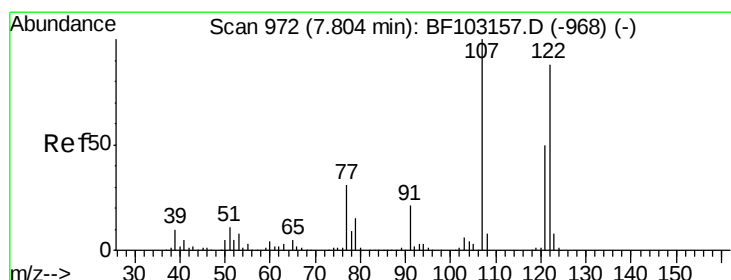
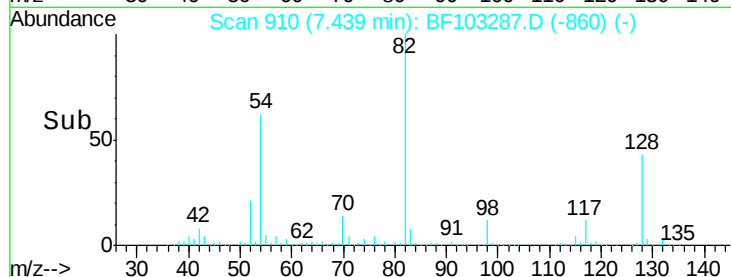
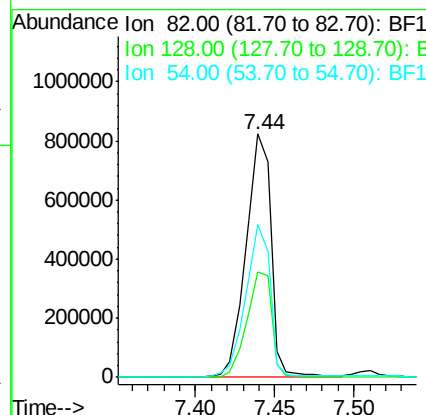
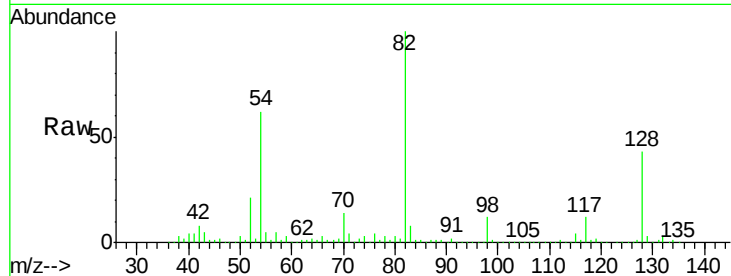
#23
 Nitrobenzene-d5
 Concen: 78.972 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103287.D
 Acq: 28 Feb 2018 2:55

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW12-GW

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	43.1	36.1	54.1
54	62.5	41.4	62.2#

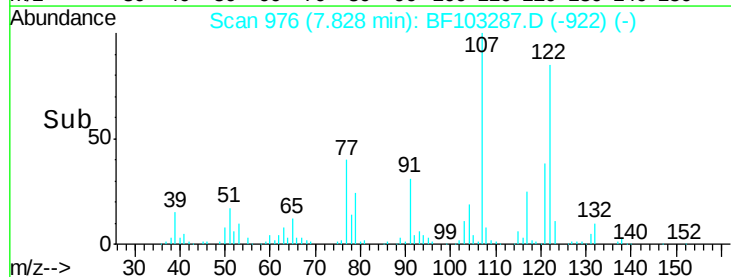
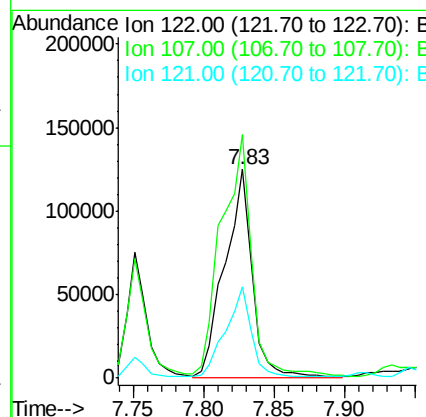
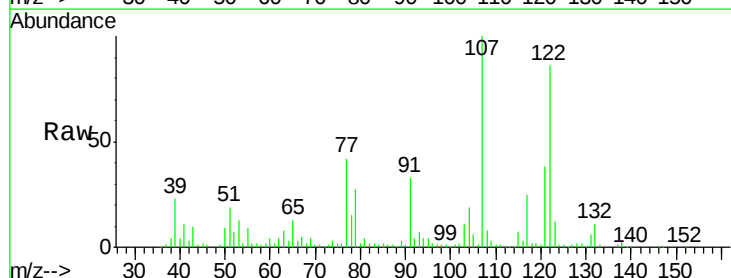
Manual Integrations
 APPROVED

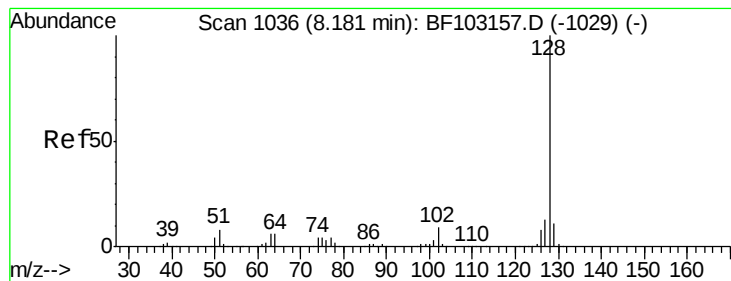
Sohil
 2/28/2018 11:18:12 AM



#27
 2,4-Dimethylphenol
 Concen: 18.859 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.02 min
 Lab File: BF103287.D
 Acq: 28 Feb 2018 2:55

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
107	116.7	91.2	136.8
121	44.0	47.2	70.8#





#31

Naphthalene

Concen: 4.248 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF103287.D

Acq: 28 Feb 2018 2:55

Instrument :

BNA_F

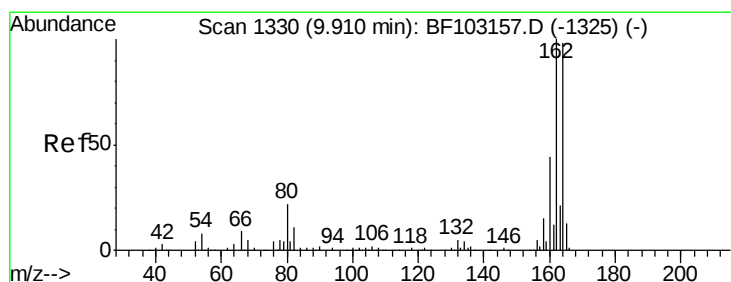
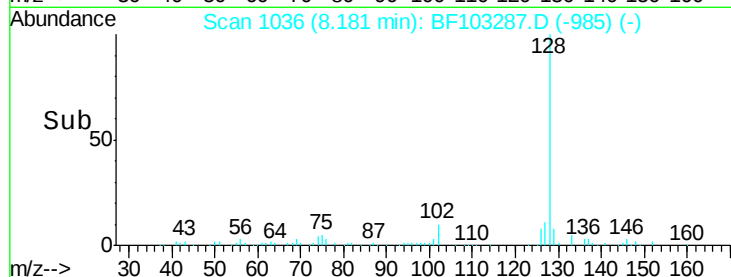
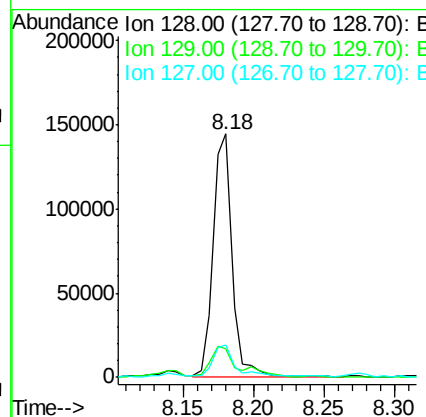
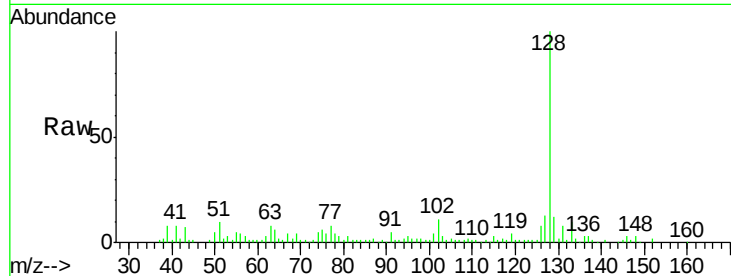
ClientSampleId :

RFK-RMAB-MW12-GW

Tot Ion:	128	Resp:	134702
Ion Ratio	Lower	Upper	
128	100		
129	11.6	8.8	13.2
127	13.1	10.9	16.3

Manual Integrations
APPROVED

Sohil
2/28/2018 11:18:12 AM



#38

Acenaphthene-d10

Concen: 20.000 ng

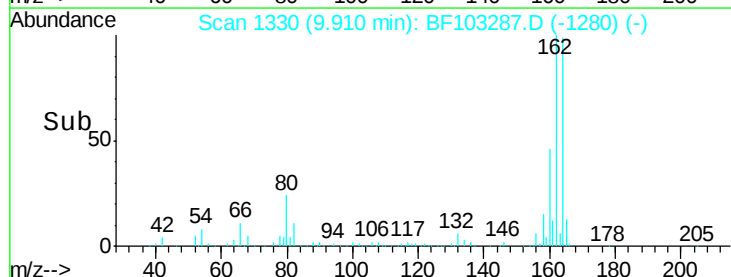
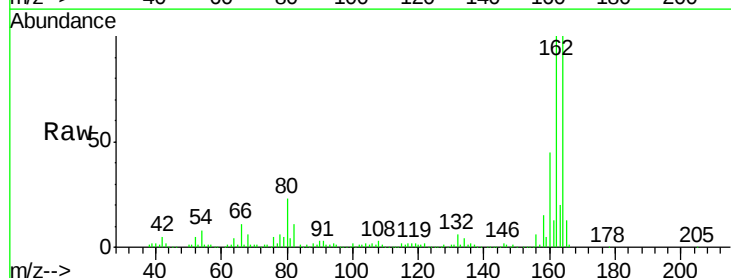
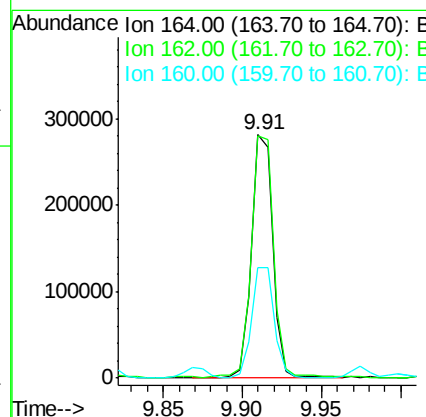
RT: 9.91 min Scan# 1330

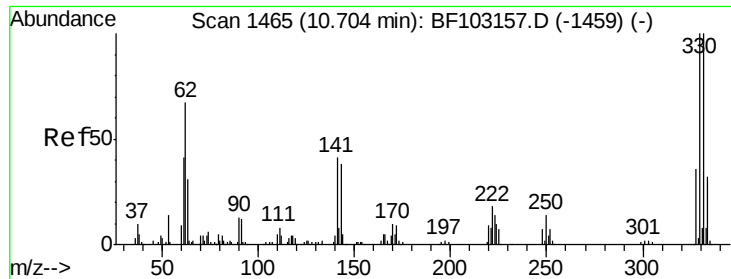
Delta R.T. -0.01 min

Lab File: BF103287.D

Acq: 28 Feb 2018 2:55

Tgt Ion:	164	Resp:	259756
Ion Ratio	Lower	Upper	
164	100		
162	99.7	86.1	129.1
160	45.3	38.3	57.5





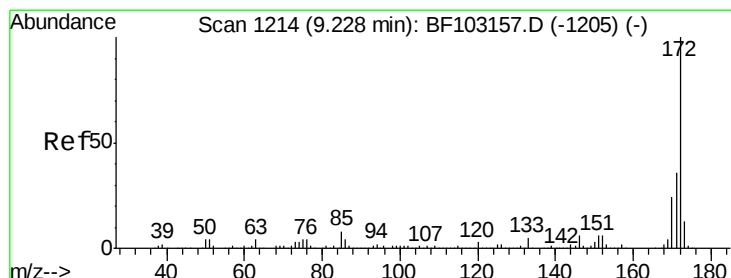
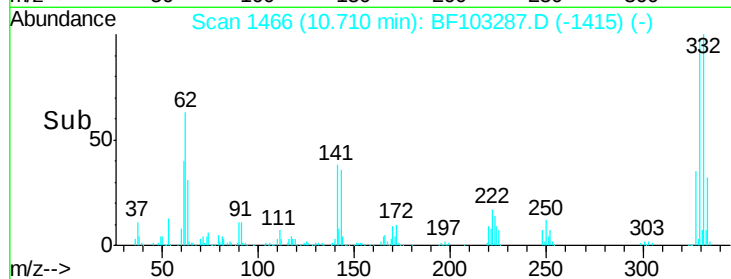
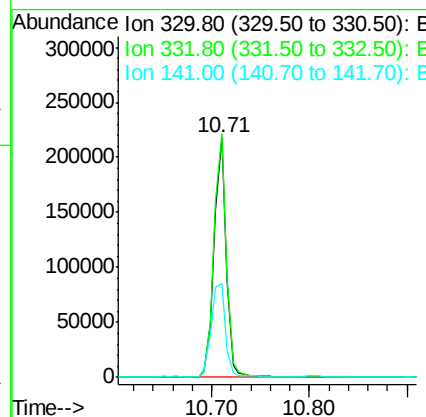
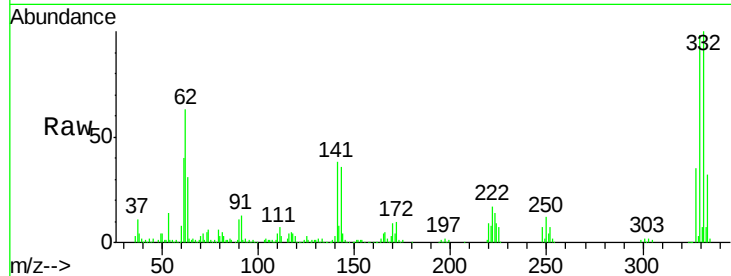
#41
 2,4,6-Tribromophenol
 Concen: 86.871 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103287.D
 Acq: 28 Feb 2018 2:55

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW12-GW

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.4	77.0	115.6
141	45.5	29.9	44.9

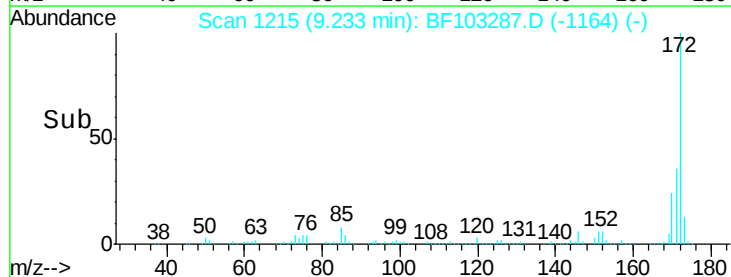
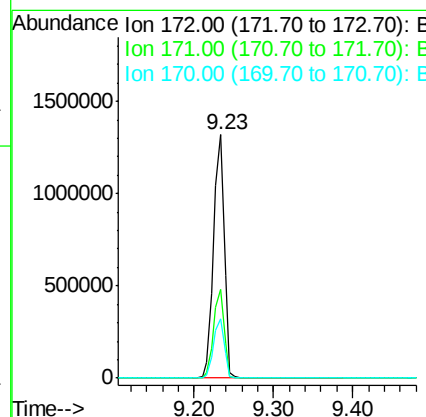
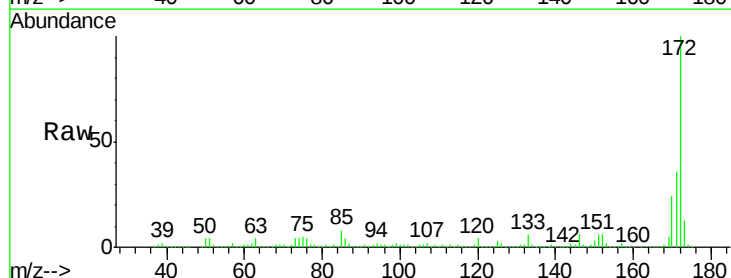
Manual Integrations
 APPROVED

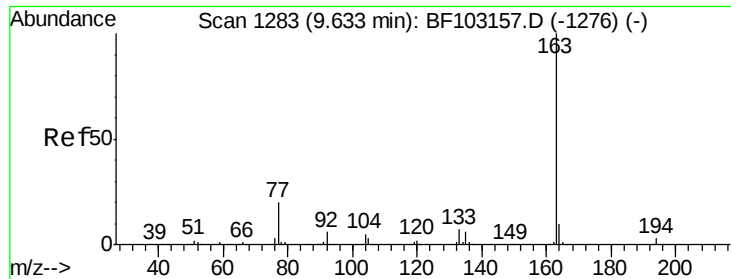
Sohil
 2/28/2018 11:18:12 AM



#44
 2-Fluorobiphenyl
 Concen: 82.093 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103287.D
 Acq: 28 Feb 2018 2:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	19.6	29.4





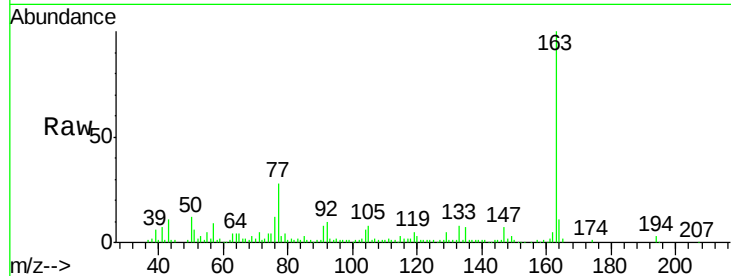
#49
Dimethylphthalate
Concen: 3.806 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW12-GW

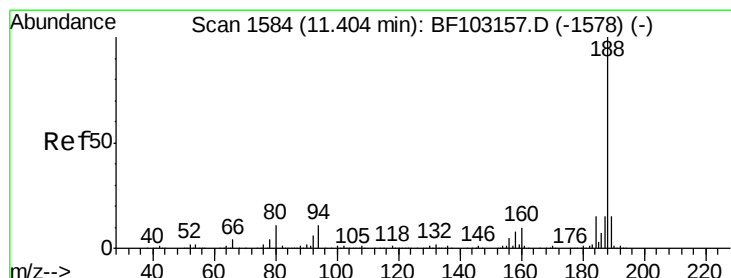
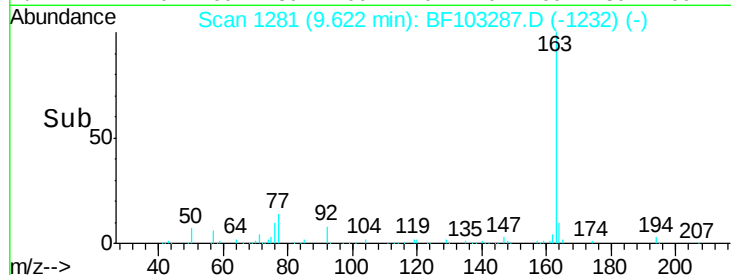
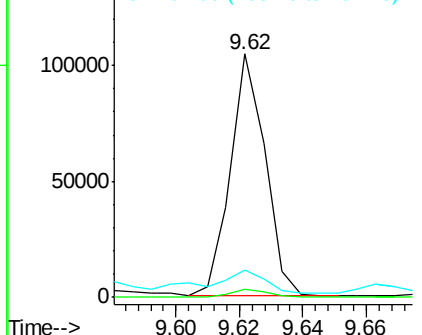
Tot Ion:	163	Resp:	79311
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	11.2	8.2	12.2

Manual Integrations
APPROVED

Sohil
2/28/2018 11:18:12 AM

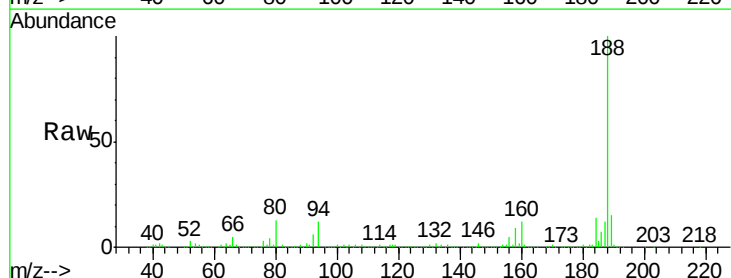


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

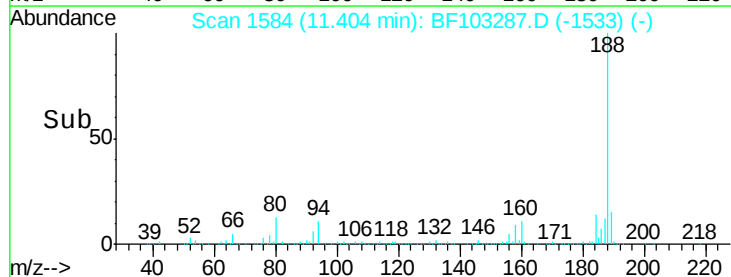
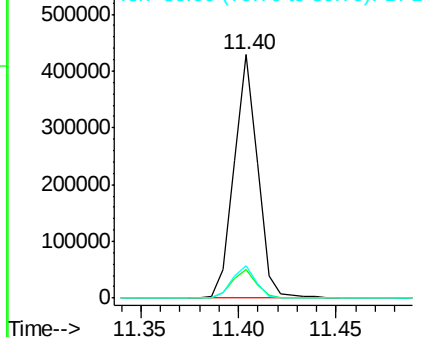


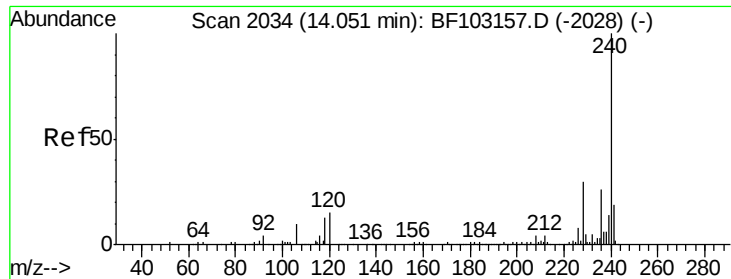
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103287.D
Acq: 28 Feb 2018 2:55

Tgt Ion:	188	Resp:	360557
Ion Ratio	Lower	Upper	
188	100		
94	11.7	8.5	12.7
80	13.3	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: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103287.D

Acq: 28 Feb 2018 2:55

Instrument :

BNA_F

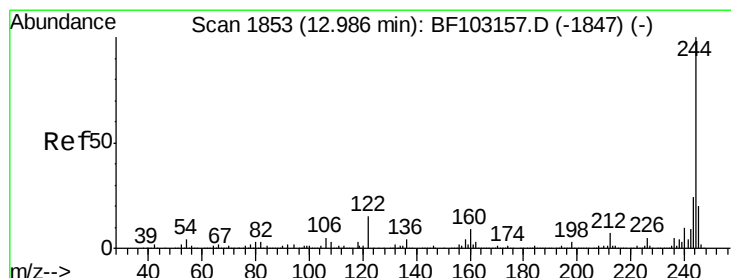
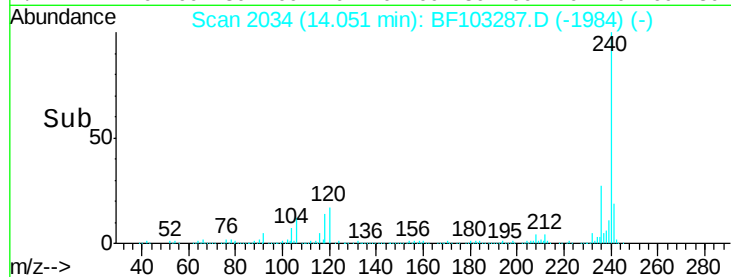
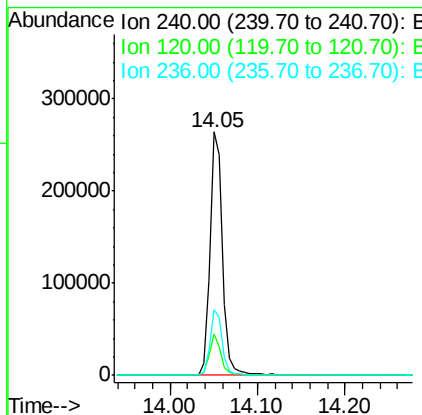
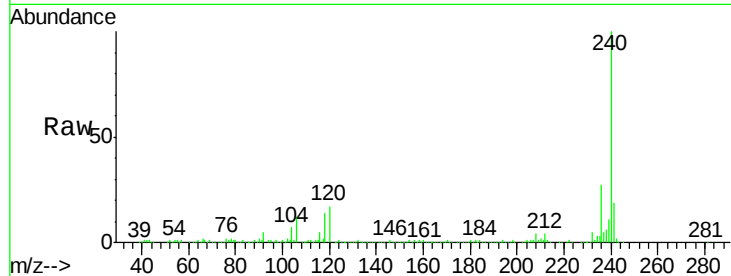
ClientSampleId :

RFK-RMAB-MW12-GW

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.9	9.5	14.3#
236	26.8	20.7	31.1

Manual Integrations
APPROVED

Sohil
2/28/2018 11:18:12 AM



#78

Terphenyl-d14

Concen: 69.540 ng

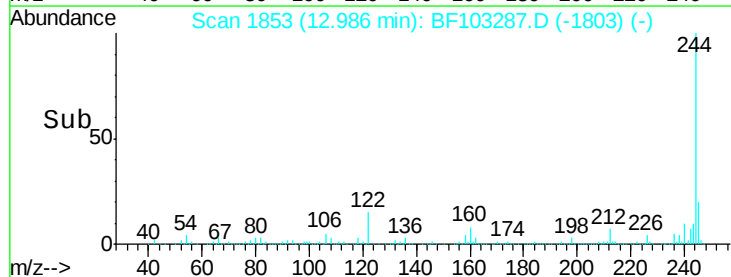
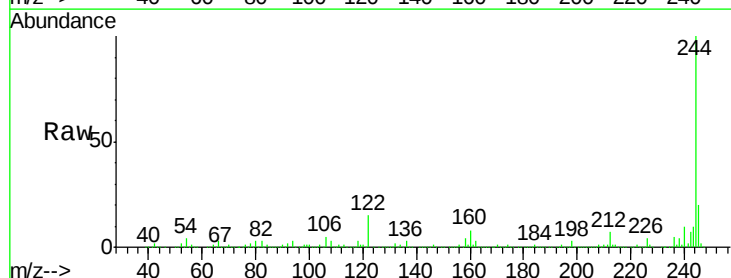
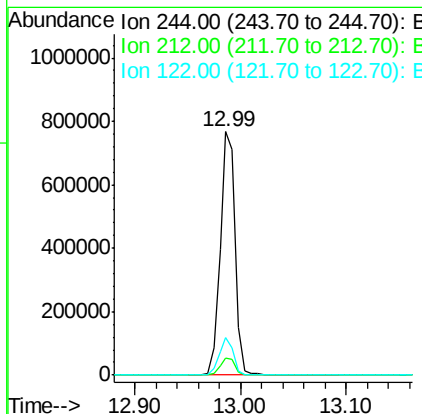
RT: 12.99 min Scan# 1853

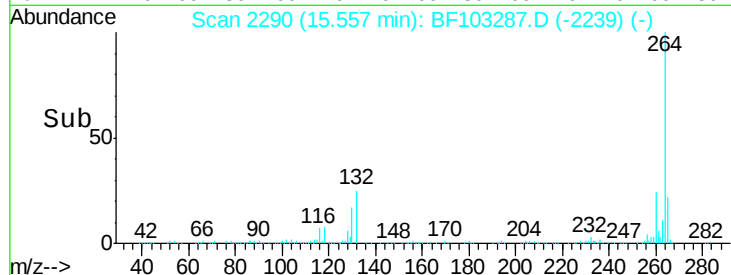
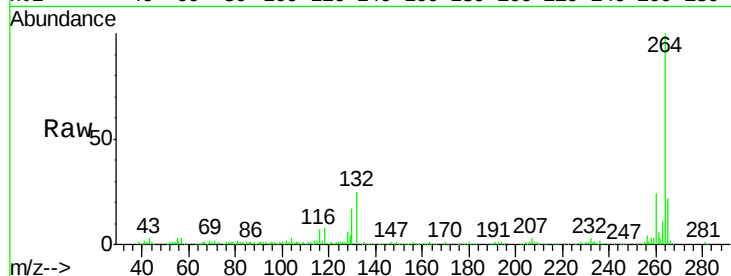
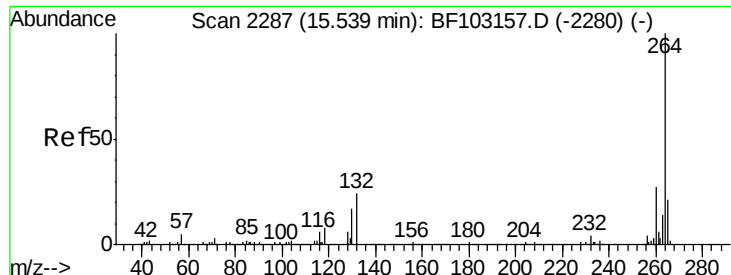
Delta R.T. -0.01 min

Lab File: BF103287.D

Acq: 28 Feb 2018 2:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	15.2	11.0	16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BF103287.D
 Acq: 28 Feb 2018 2:55

Tot Ion:	264	Resp:	194659
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	22.1	17.5	26.3

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW12-GW

Manual Integrations
 APPROVED

Sohil
 2/28/2018 11:18:12 AM

