

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102913.D
 Acq On : 12 Feb 2018 11:56
 Operator : SJ/JU
 Sample : J1512-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-4632

Manual Integrations
 APPROVED

Sohil
 2/13/2018 11:25:14 AM

Quant Time: Feb 12 12:56:11 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	6.89	152	187075	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	781319	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	346779	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	556365	20.00	ng	0.00
75) Chrysene-d12	14.05	240	353383	20.00	ng	0.00
86) Perylene-d12	15.54	264	359132	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1200858	97.49	ng	0.01
7) Phenol-d6	6.52	99	1425617	96.12	ng	0.01
23) Nitrobenzene-d5	7.45	82	929672	82.54	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	269650	96.61	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1396437	66.82	ng	0.00
78) Terphenyl-d14	13.00	244	1024618	68.65	ng	0.00
Target Compounds						
10) Phenol	6.52	94	32647	2.054	ng	88
49) Dimethylphthalate	9.63	163	105974	3.919	ng	99
70) Phenanthrene	11.43	178	63387	2.046	ng	100
74) Fluoranthene	12.62	202	107570	3.450	ng	96
77) Pyrene	12.85	202	97100	3.504	ng	98
80) Benzo(a)anthracene	14.04	228	45738	2.058	ng	97
82) Chrysene	14.07	228	48090	2.147	ng	100
87) Benzo(b)fluoranthene	15.10	252	59797m	2.568	ng	
89) Benzo(a)pyrene	15.47	252	42693	2.037	ng	# 95

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

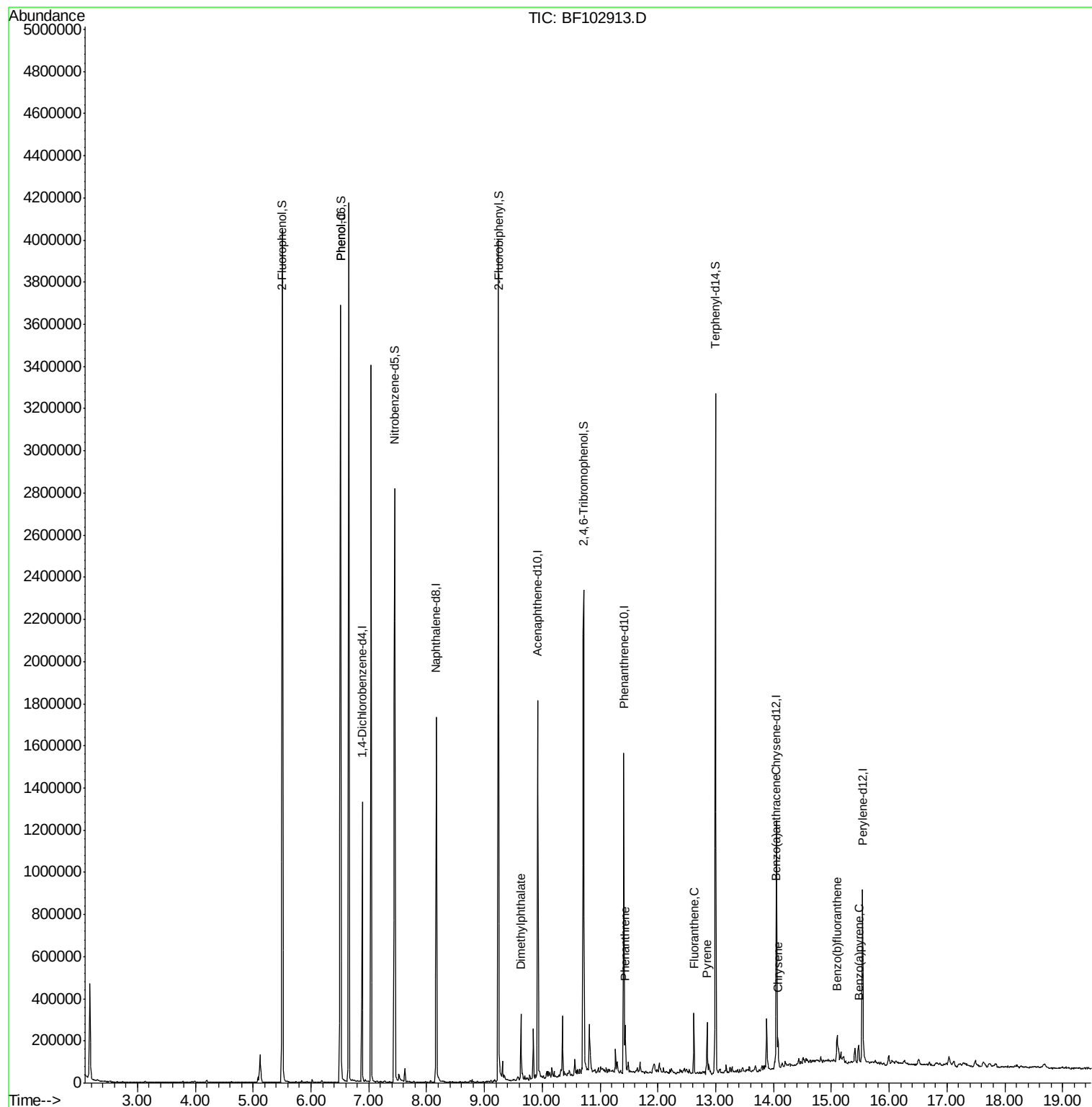
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102913.D
Acq On : 12 Feb 2018 11:56
Operator : SJ/JU
Sample : J1512-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

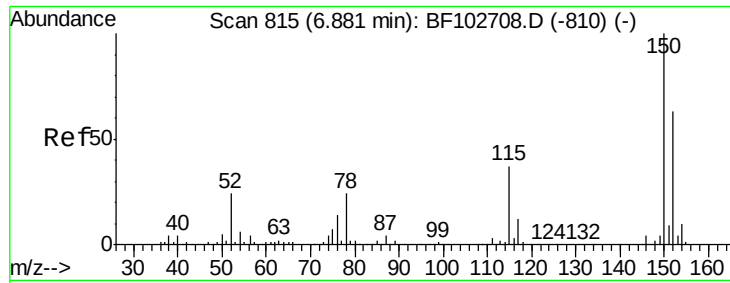
Instrument :
BNA_F
ClientSampleId :
RO-4632

Manual Integrations
APPROVED

Sohil
2/13/2018 11:25:14 AM

Quant Time: Feb 12 12:56:11 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





#1

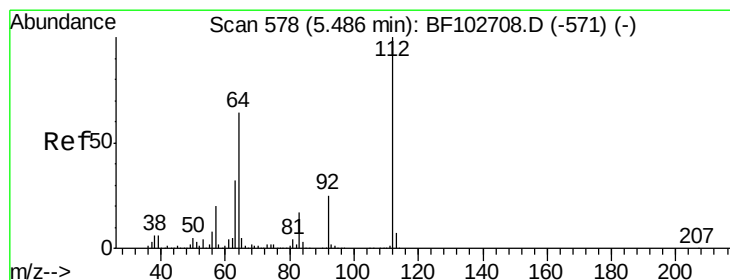
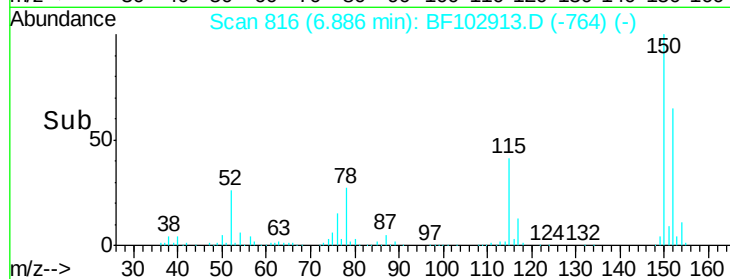
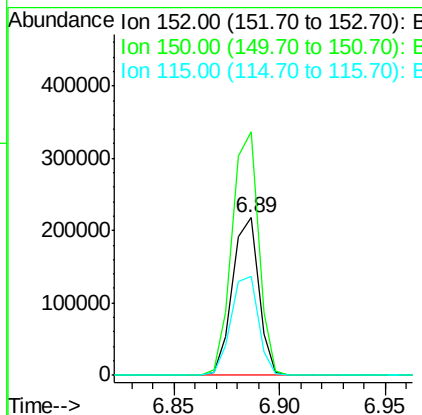
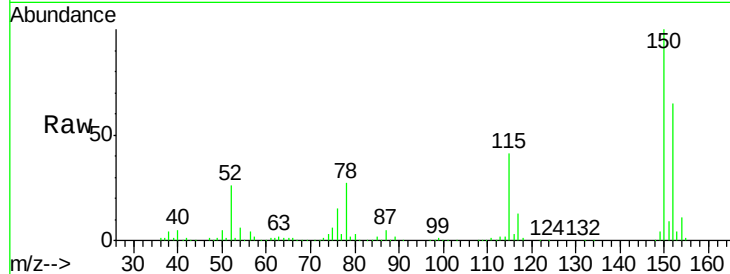
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	62.7	50.1	75.1

Manual Integrations
APPROVED

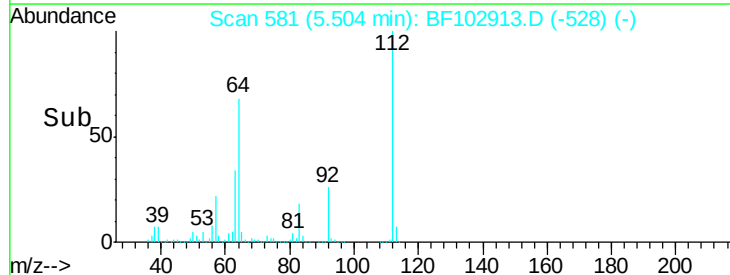
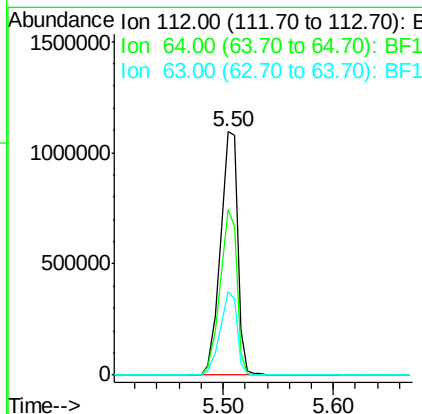
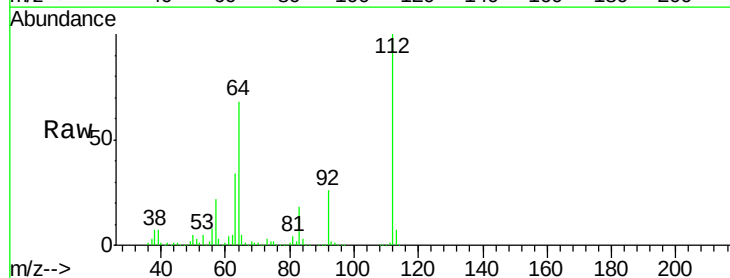
Sohil
2/13/2018 11:25:14 AM

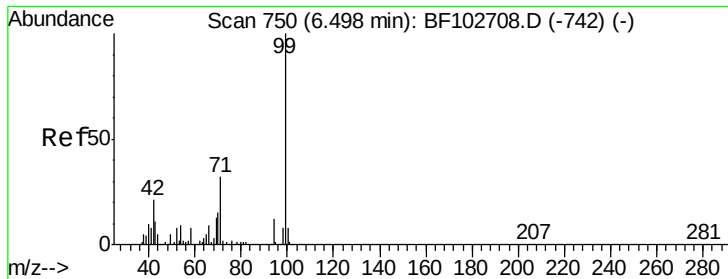


#5

2-Fluorophenol
Concen: 97.485 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	47.9	71.9
63	34.3	23.7	35.5





#7

Phenol-d6

Concen: 96.117 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102913.D

Acq: 12 Feb 2018 11:56

Instrument :

BNA_F

ClientSampleId :

RO-4632

Tot Ion: 99 Resp: 1425617

Ion Ratio Lower Upper

99 100

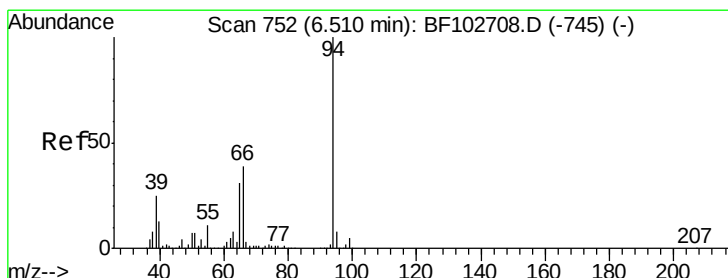
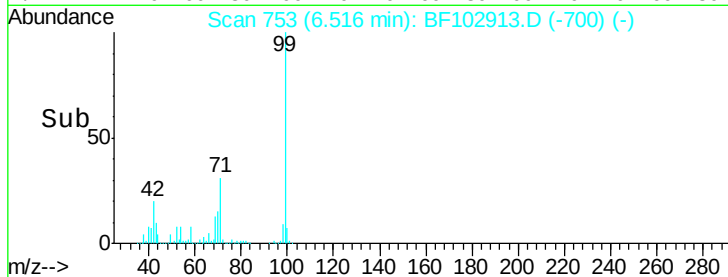
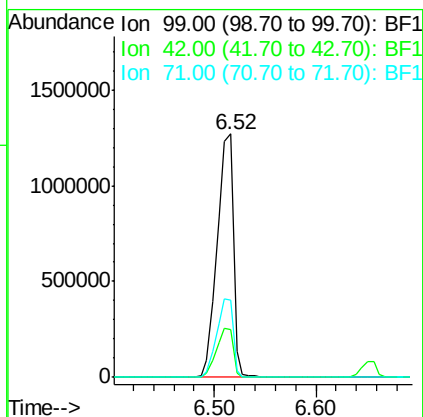
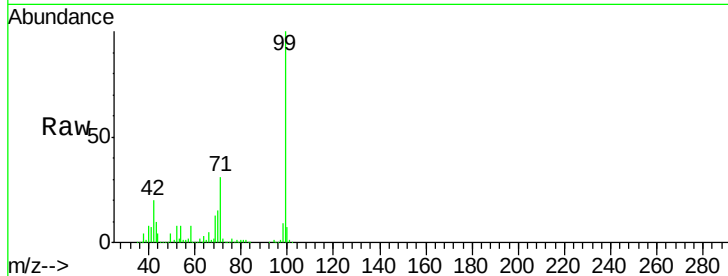
42 19.6 14.5 21.7

71 31.5 25.4 38.0

Manual Integrations
APPROVED

Sohil

2/13/2018 11:25:14 AM



#10

Phenol

Concen: 2.054 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF102913.D

Acq: 12 Feb 2018 11:56

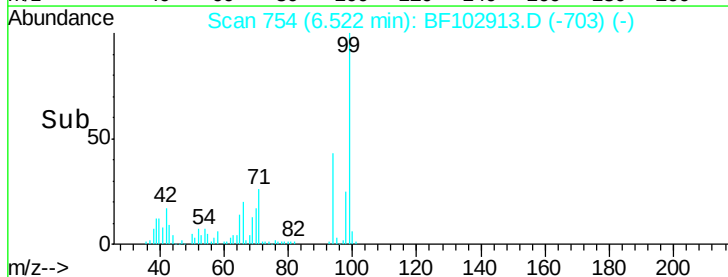
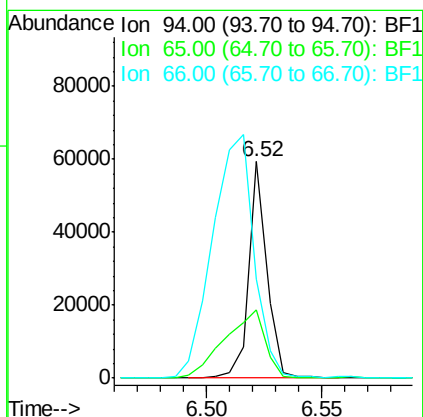
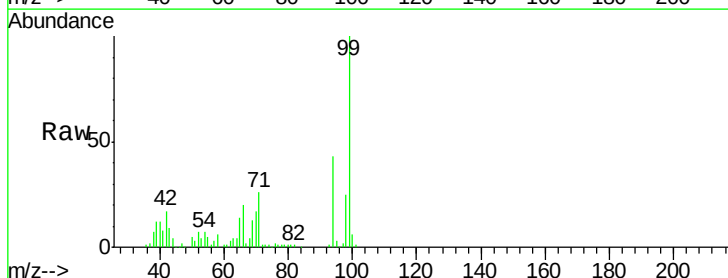
Tgt Ion: 94 Resp: 32647

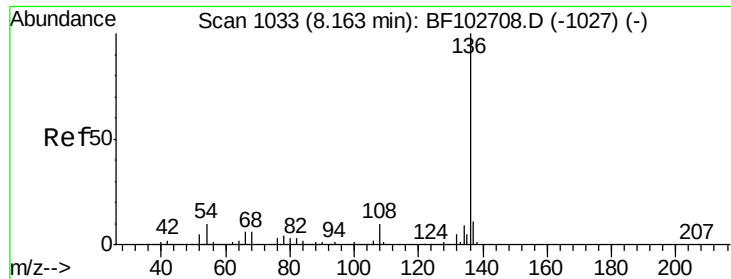
Ion Ratio Lower Upper

94 100

65 31.6 7.9 47.9

66 45.8 16.2 56.2





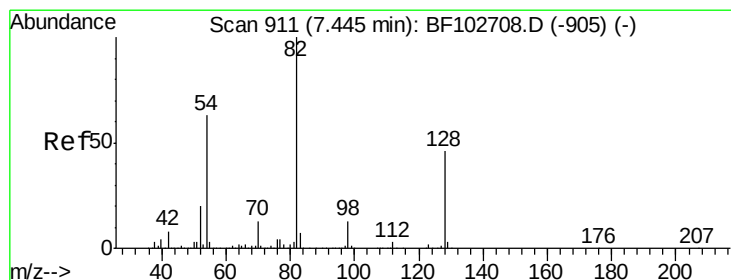
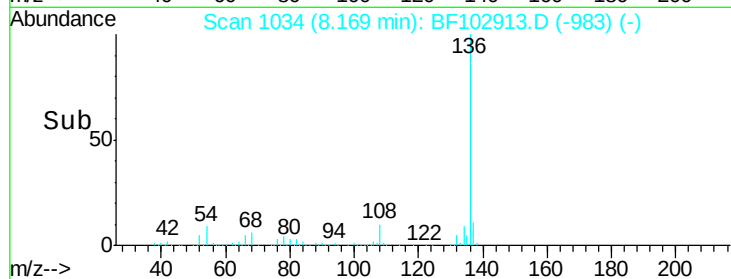
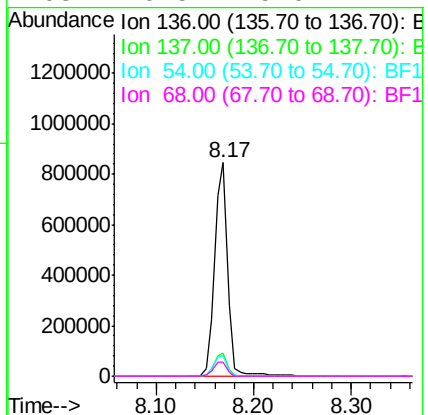
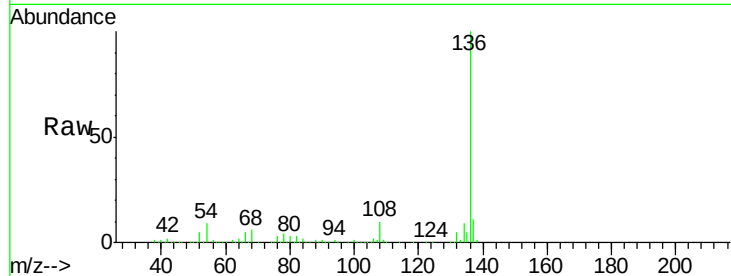
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tot Ion	Ratio	Resp	Lower	Upper
136	100	781319		
137	10.9		8.9	13.3
54	9.4		6.6	9.8
68	6.5		5.0	7.4

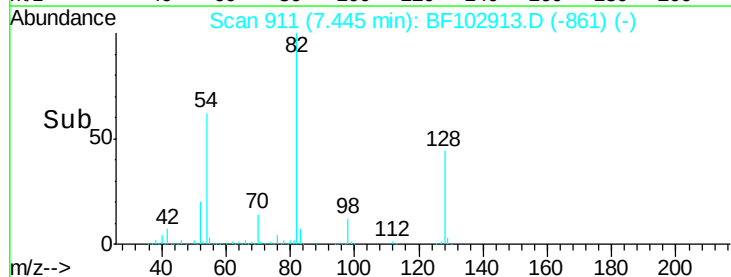
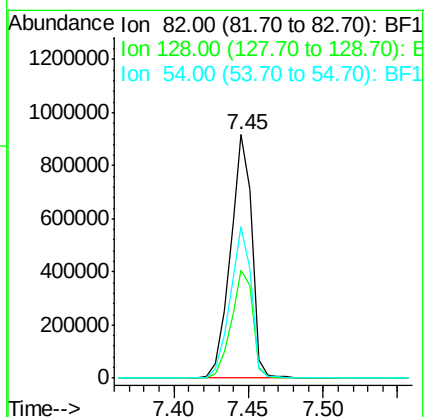
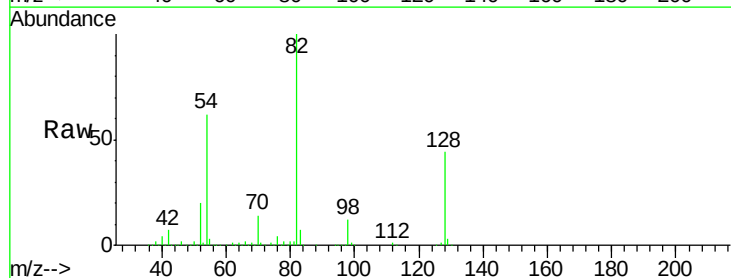
Manual Integrations
APPROVED

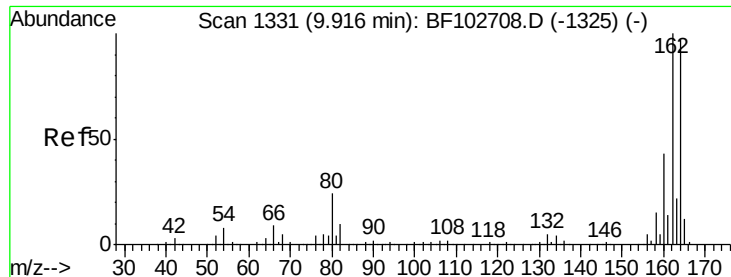
Sohil
2/13/2018 11:25:14 AM



#23
Nitrobenzene-d5
Concen: 82.542 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	929672		
128	44.3		36.1	54.1
54	62.0		41.4	62.2





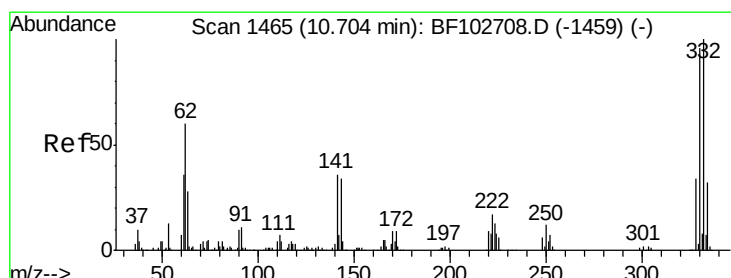
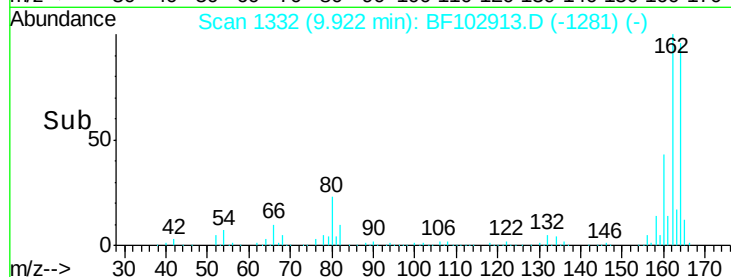
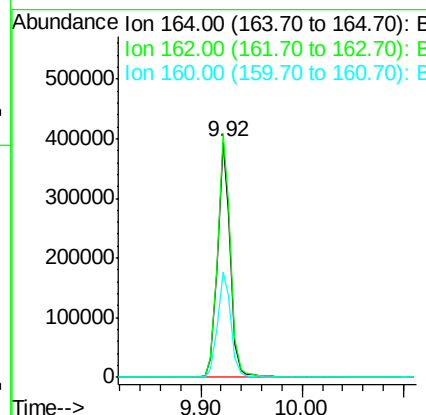
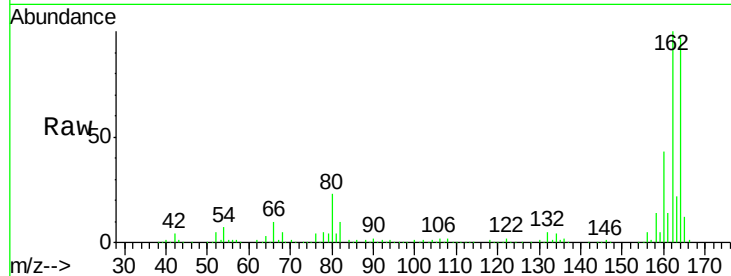
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampled :
RO-4632

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.6	86.1	129.1	
160	44.7	38.3	57.5	

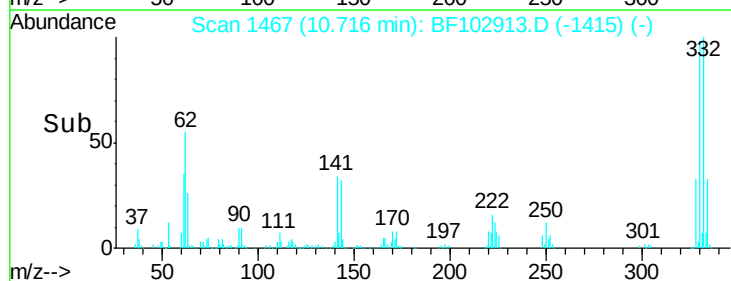
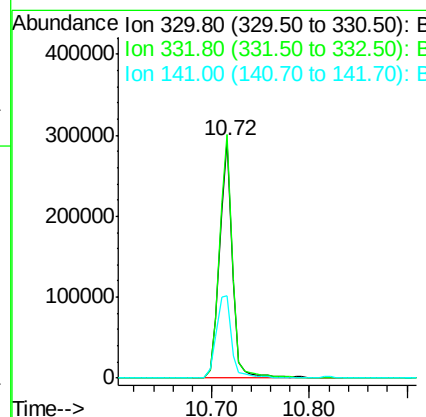
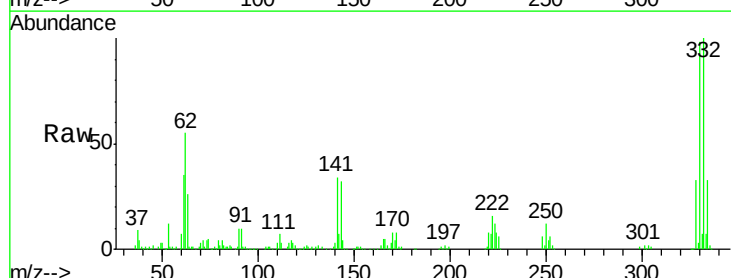
Manual Integrations
APPROVED

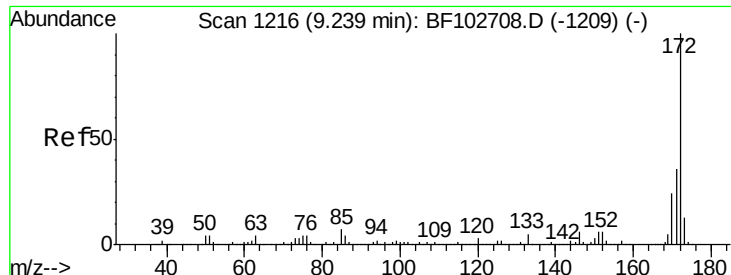
Sohil
2/13/2018 11:25:14 AM



#41
2,4,6-Tribromophenol
Concen: 96.608 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	103.2	77.0	115.6	
141	41.9	29.9	44.9	





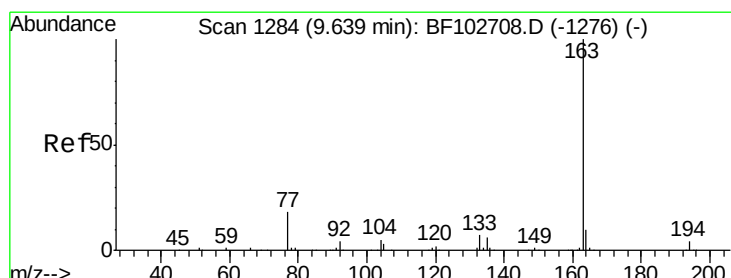
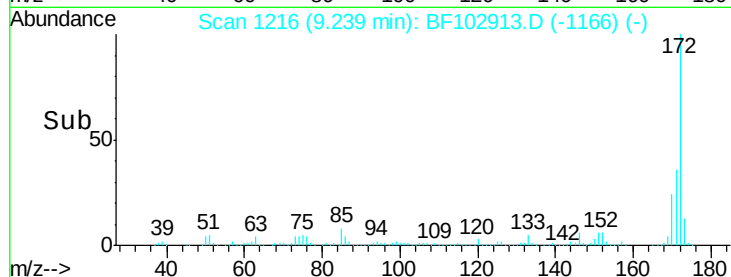
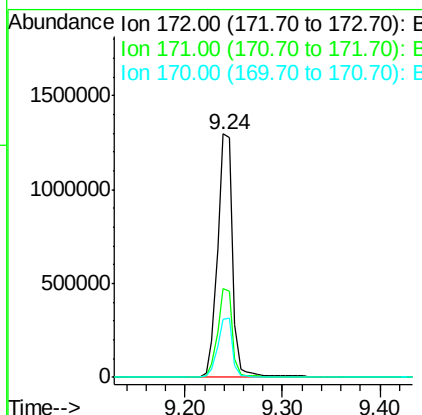
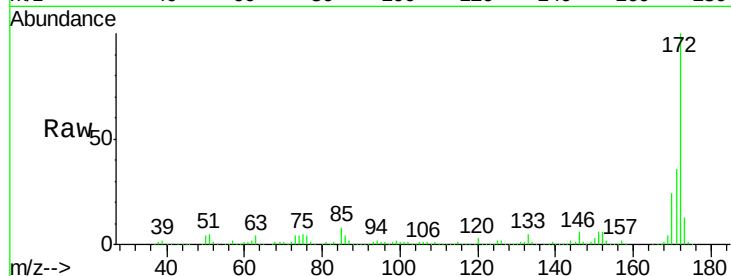
#44
2-Fluorobiphenyl
Concen: 66.820 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampleId :
RO-4632

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

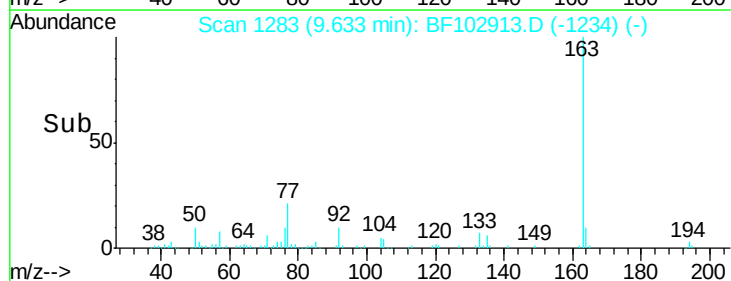
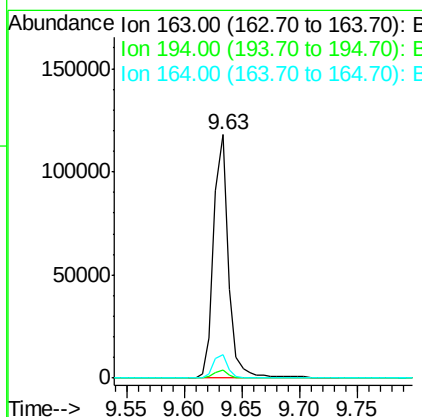
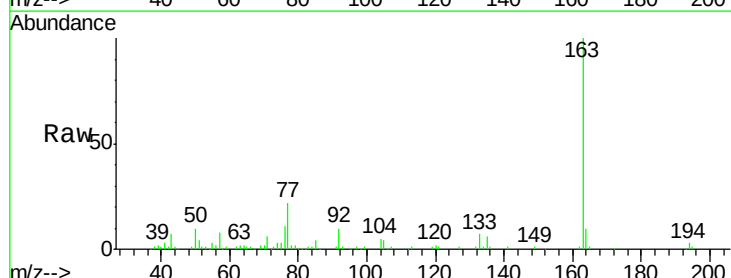
Manual Integrations
APPROVED

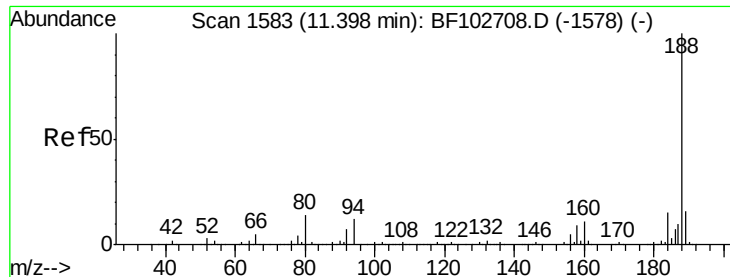
Sohil
2/13/2018 11:25:14 AM



#49
Dimethylphthalate
Concen: 3.919 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.7	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF102913.D

Acq: 12 Feb 2018 11:56

Instrument :

BNA_F

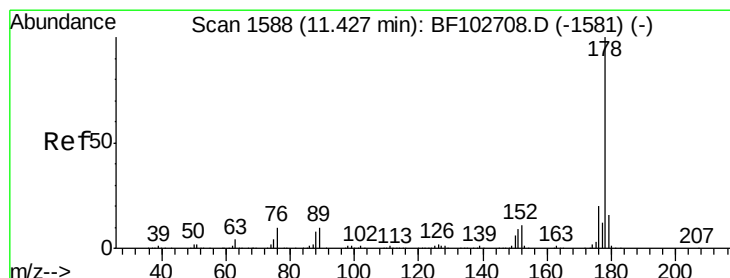
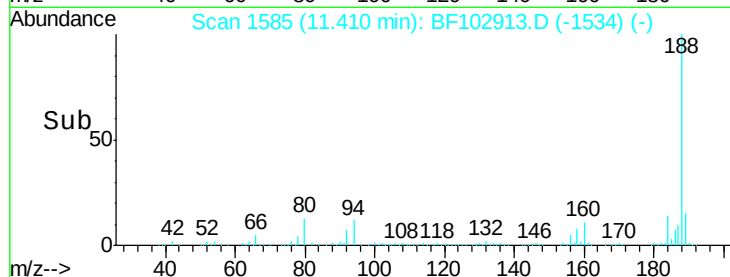
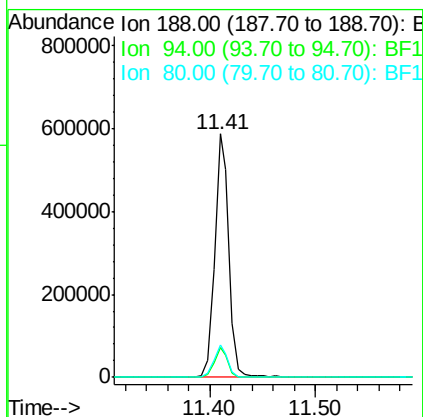
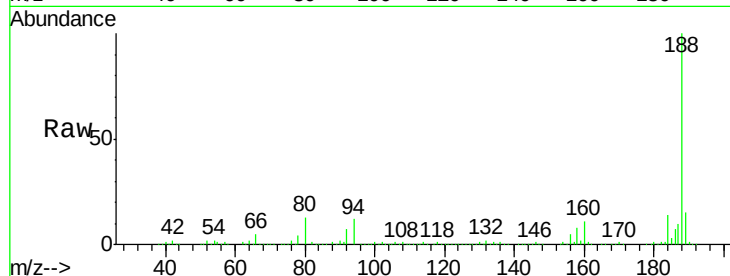
ClientSampleId :

RO-4632

Tot Ion:	188	Resp:	556365
Ion Ratio	Lower	Upper	
188	100		
94	12.3	8.5	12.7
80	13.2	9.2	13.8

Manual Integrations
APPROVED

Sohil
2/13/2018 11:25:14 AM



#70

Phenanthrene

Concen: 2.046 ng

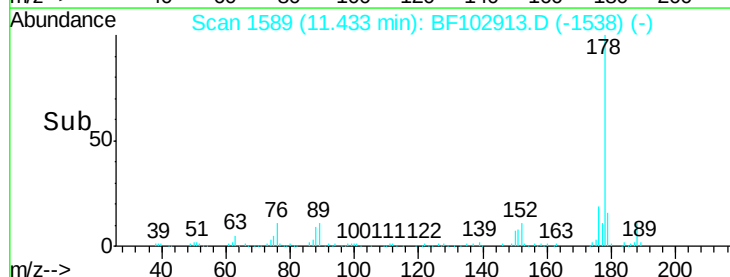
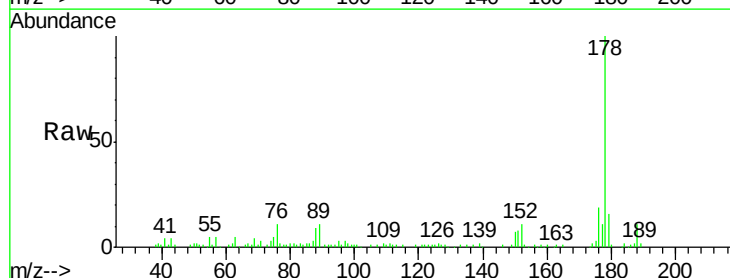
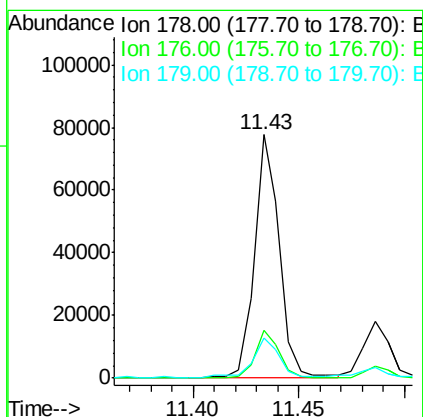
RT: 11.43 min Scan# 1589

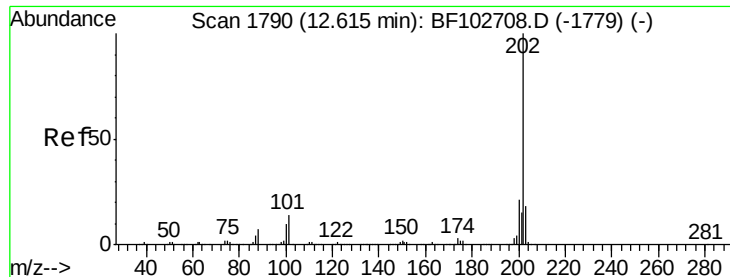
Delta R.T. -0.00 min

Lab File: BF102913.D

Acq: 12 Feb 2018 11:56

Tgt Ion:	178	Resp:	63387
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.8	23.8
179	16.3	13.0	19.6





#74

Fluoranthene

Concen: 3.450 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF102913.D

Acq: 12 Feb 2018 11:56

Instrument :

BNA_F

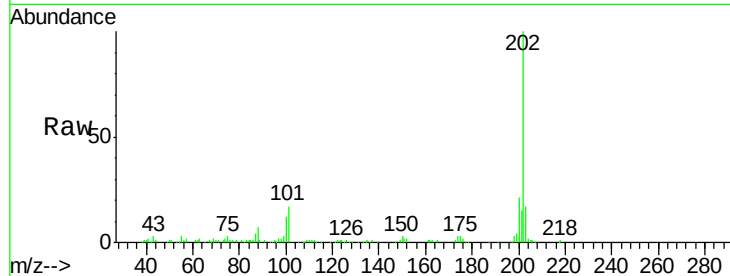
ClientSampleId :

RO-4632

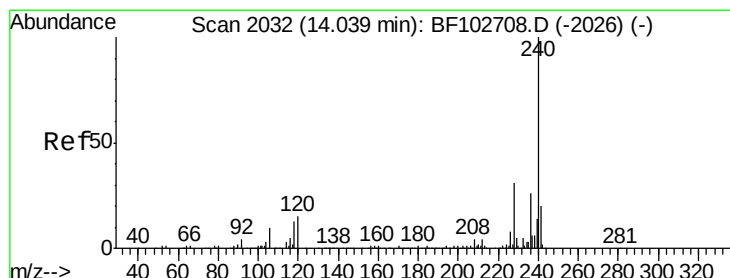
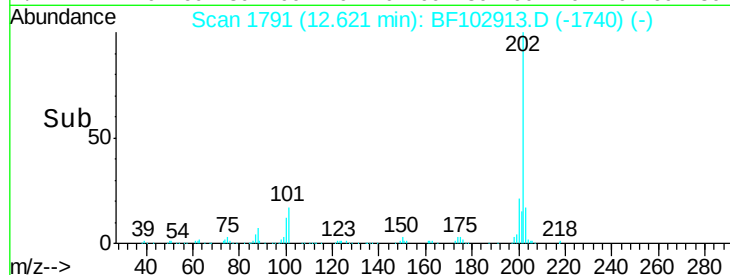
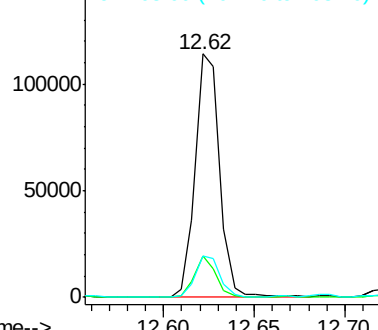
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		107570		
101	16.8	0.0	34.1		
203	17.2	0.0	38.1		

Manual Integrations
APPROVED

Sohil
2/13/2018 11:25:14 AM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

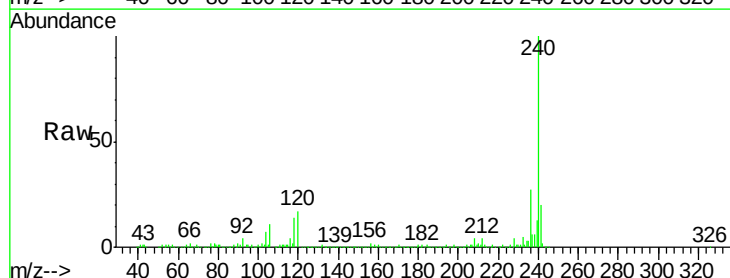
RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

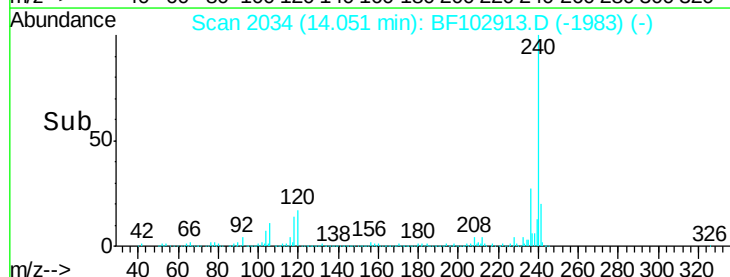
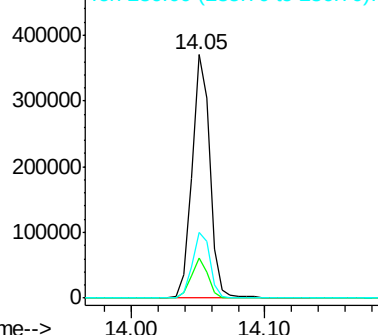
Lab File: BF102913.D

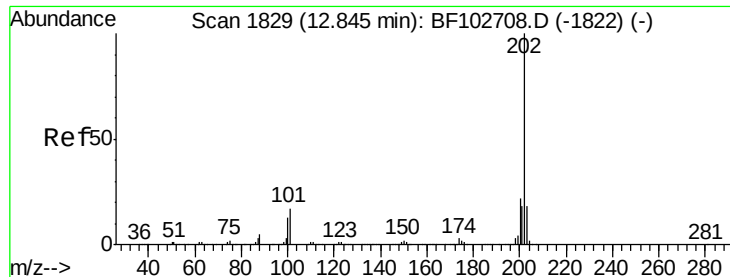
Acq: 12 Feb 2018 11:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		353383		
120	16.6	9.5	14.3#		
236	26.9	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





#77

Pvrene

Concen: 3.504 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF102913.D

Acq: 12 Feb 2018 11:56

Instrument :

BNA_F

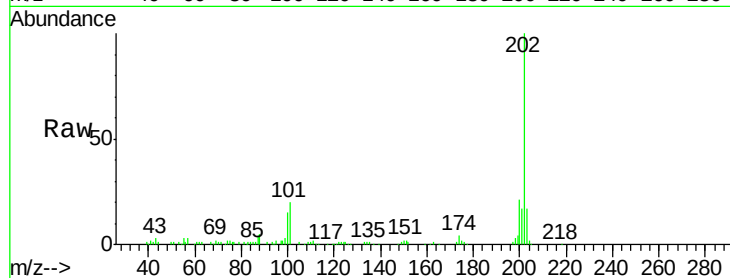
ClientSampled :

RO-4632

Tot Ion:	202	Resp:	97100
Ion Ratio		Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.2	14.3	21.5

Manual Integrations
APPROVED

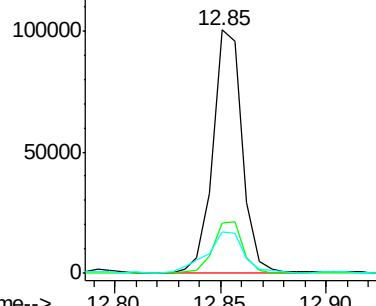
Sohil
2/13/2018 11:25:14 AM



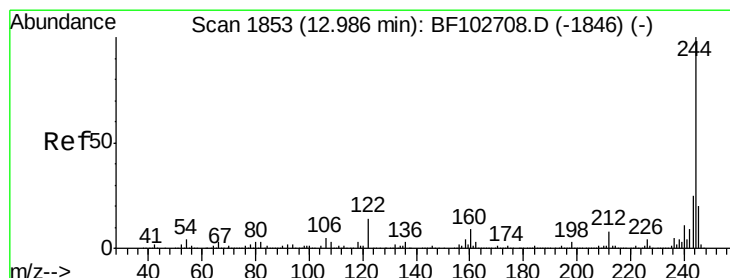
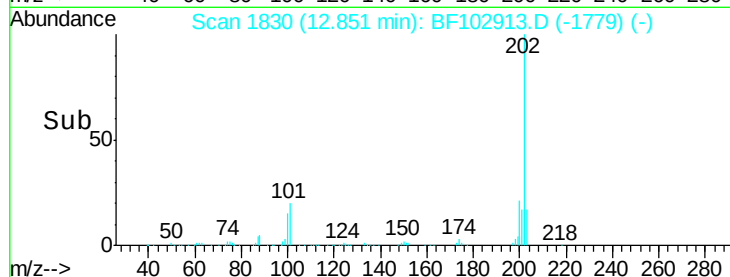
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 68.653 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102913.D

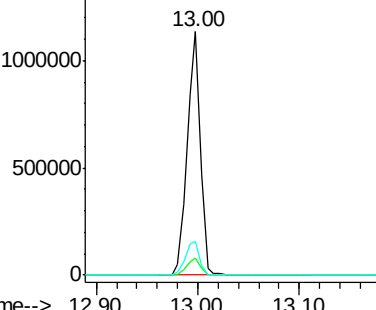
Acq: 12 Feb 2018 11:56

Tgt Ion:	244	Resp:	1024618
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.7	11.0	16.4

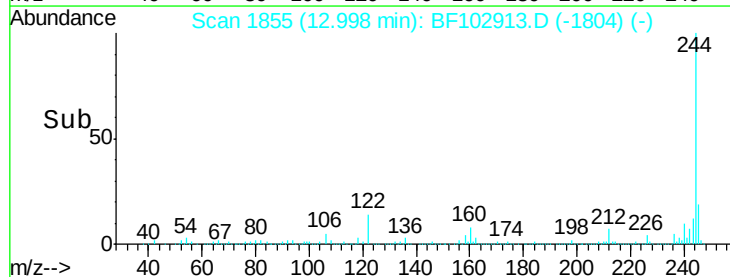
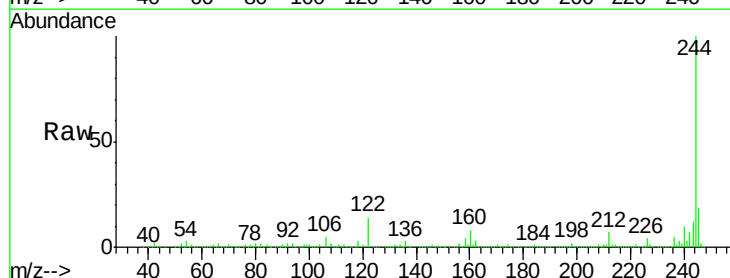
Abundance Ion 244.00 (243.70 to 244.70): E

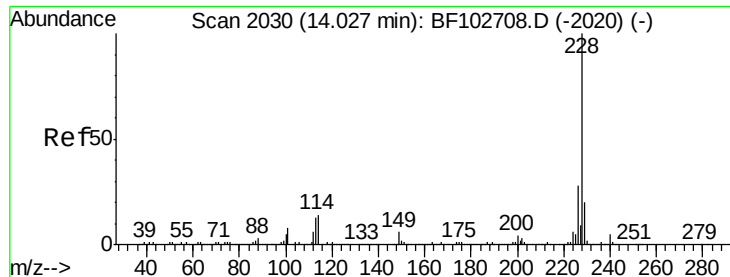
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





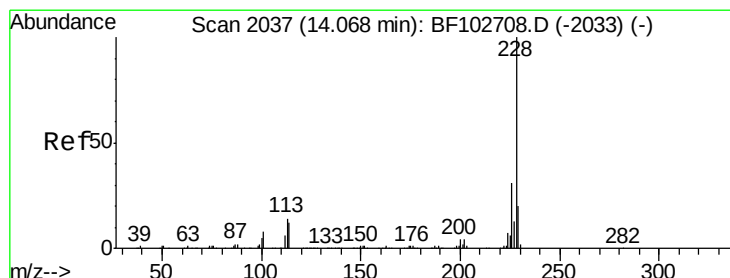
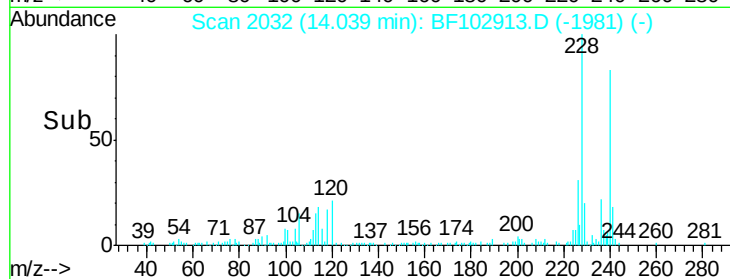
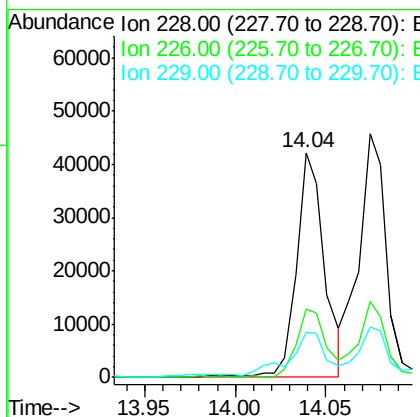
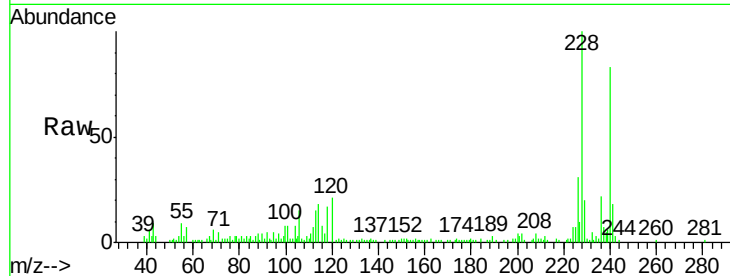
#80
Benzo(a)anthracene
Concen: 2.058 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	20.0	15.8	23.6

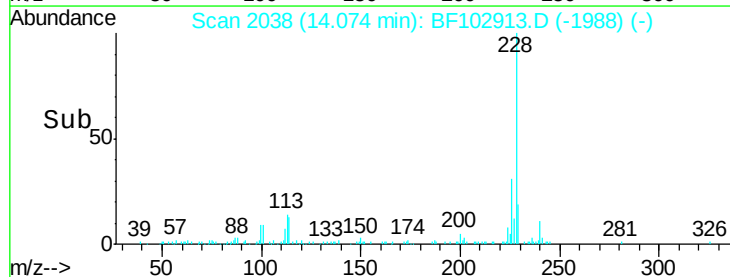
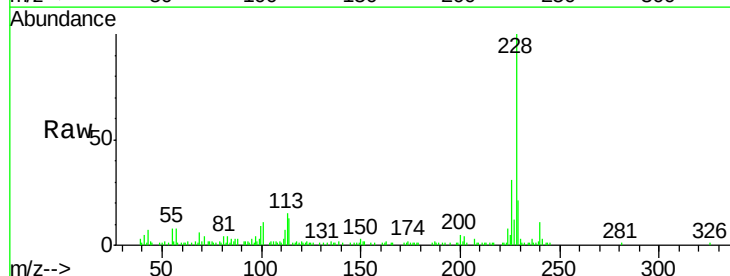
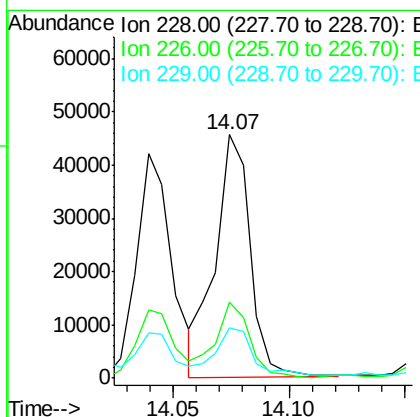
Manual Integrations
APPROVED

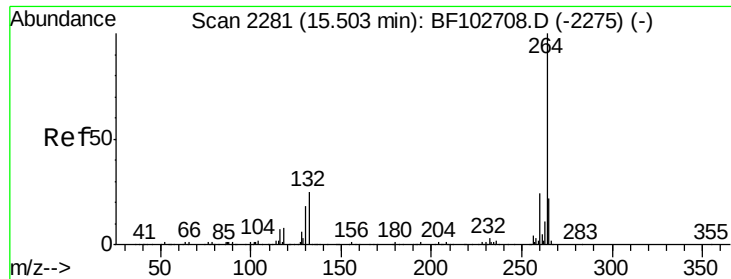
Sohil
2/13/2018 11:25:14 AM



#82
Chrysene
Concen: 2.147 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.6	16.2	24.4





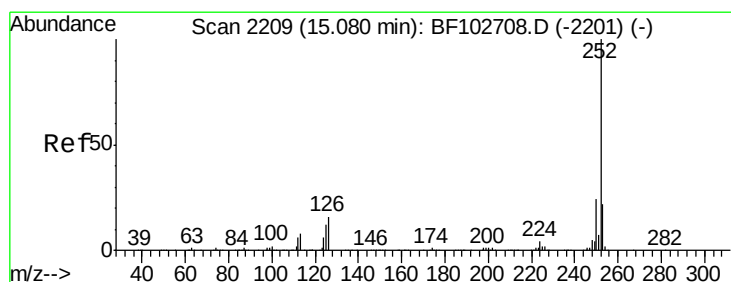
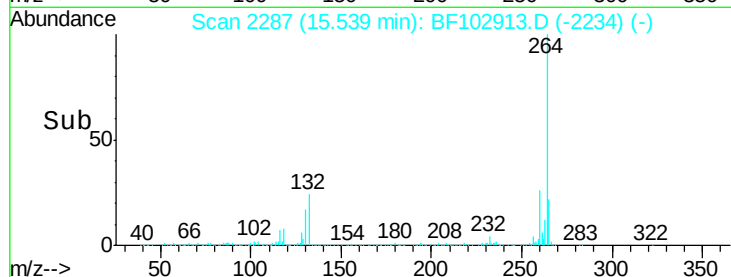
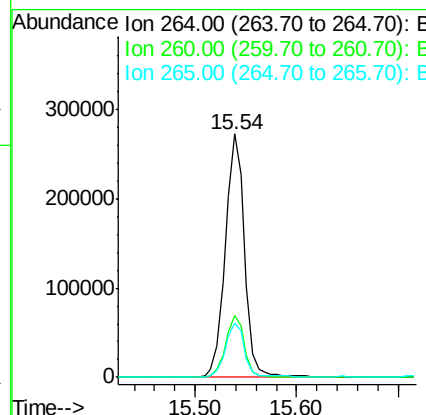
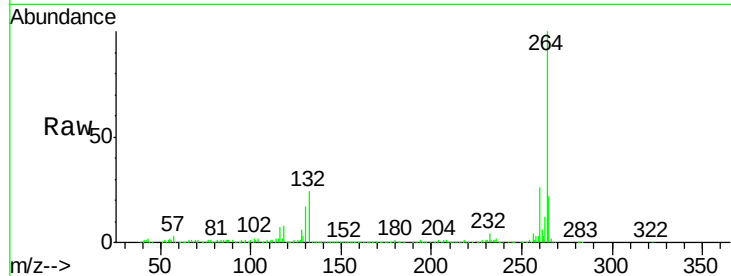
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.2	28.8
265	22.3	17.5	26.3

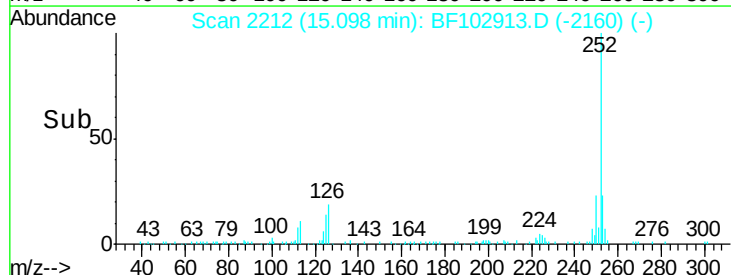
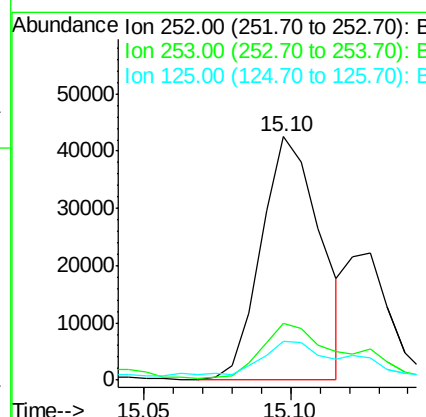
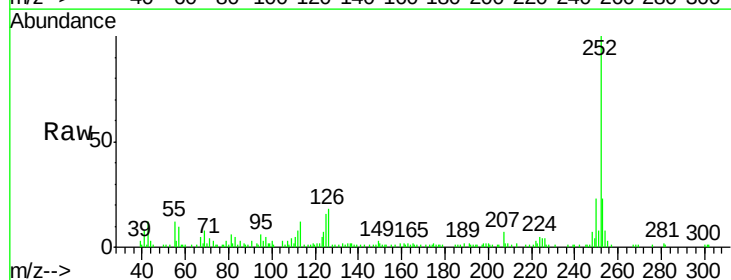
Manual Integrations
APPROVED

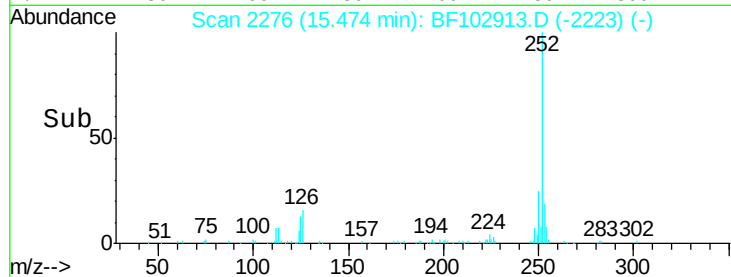
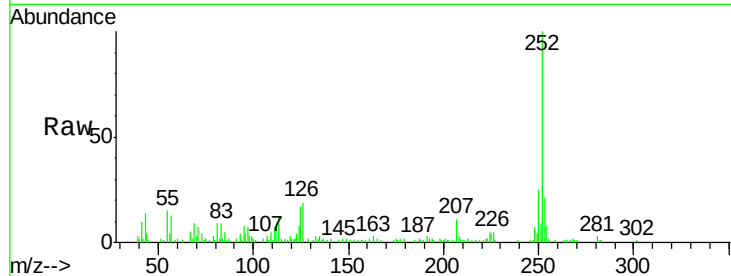
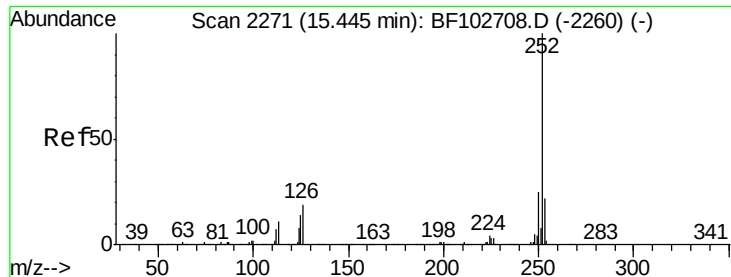
Sohil
2/13/2018 11:25:14 AM



#87
Benzo(b)fluoranthene
Concen: 2.568 ng m
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF102913.D
Acq: 12 Feb 2018 11:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	15.9	9.0	13.6





#89

Benzo(a)pyrene

Concen: 2.037 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF102913.D

Acq: 12 Feb 2018 11:56

Instrument :

BNA_F

ClientSampleId :

RO-4632

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.1	25.7
125	16.6	9.8	14.6

Manual Integrations
APPROVED

Sohil
2/13/2018 11:25:14 AM

