

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102912.D
 Acq On : 12 Feb 2018 11:29
 Operator : SJ/JU
 Sample : J1512-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-4252

Manual Integrations
 APPROVED

Sohil
 2/13/2018 11:25:12 AM

Quant Time: Feb 12 12:52:53 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	179235	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	741360	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	323431	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	483190	20.00	ng	0.00
75) Chrysene-d12	14.05	240	320685	20.00	ng	0.00
86) Perylene-d12	15.54	264	342088	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1140861	96.67	ng	0.02
7) Phenol-d6	6.51	99	1338649	94.20	ng	0.00
23) Nitrobenzene-d5	7.45	82	881187	82.45	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	243327	93.47	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1343990	68.95	ng	0.00
78) Terphenyl-d14	13.00	244	904939	66.82	ng	0.00
Target Compounds						
10) Phenol	6.52	94	36293	2.383	ng	91
49) Dimethylphthalate	9.63	163	128129	5.081	ng	98
70) Phenanthrene	11.43	178	60666	2.254	ng	99
74) Fluoranthene	12.63	202	105055	3.880	ng	96
77) Pyrene	12.86	202	98522	3.918	ng	99
80) Benzo(a)anthracene	14.04	228	50254	2.492	ng	98
82) Chrysene	14.07	228	53437	2.628	ng	99
87) Benzo(b)fluoranthene	15.10	252	72232m	3.257	ng	
89) Benzo(a)pyrene	15.47	252	48979	2.453	ng	97

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

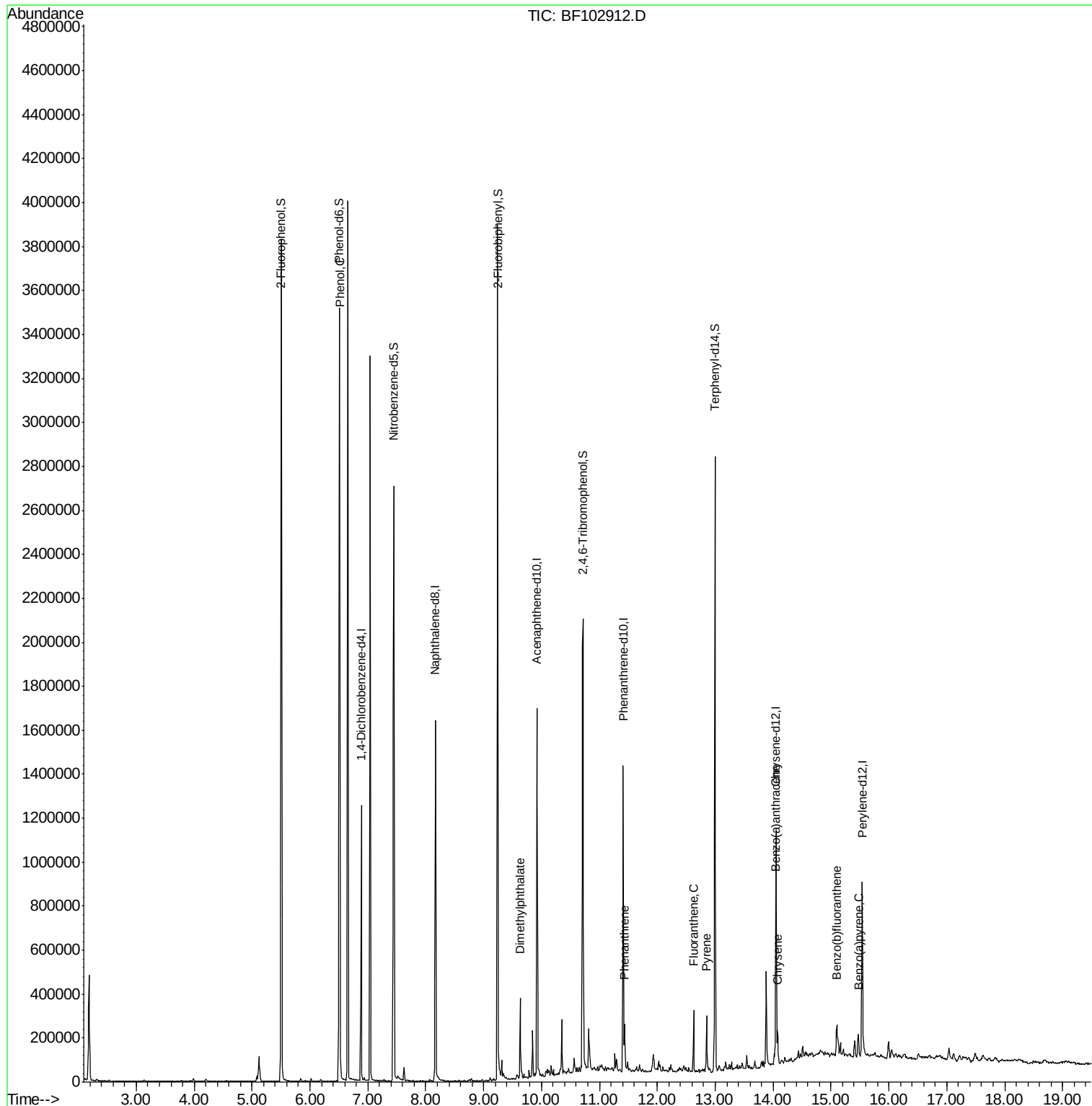
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102912.D
Acq On : 12 Feb 2018 11:29
Operator : SJ/JU
Sample : J1512-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

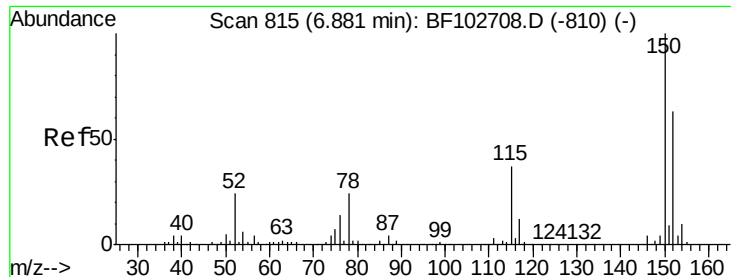
Instrument :
BNA_F
ClientSampleId :
RO-4252

Manual Integrations
APPROVED

Sohil
2/13/2018 11:25:12 AM

Quant Time: Feb 12 12:52:53 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

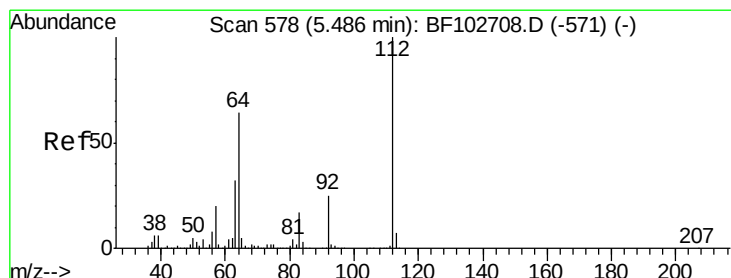
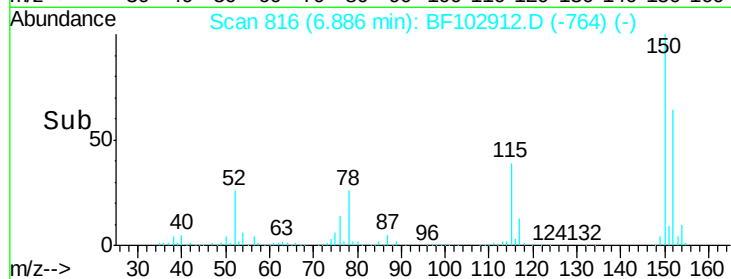
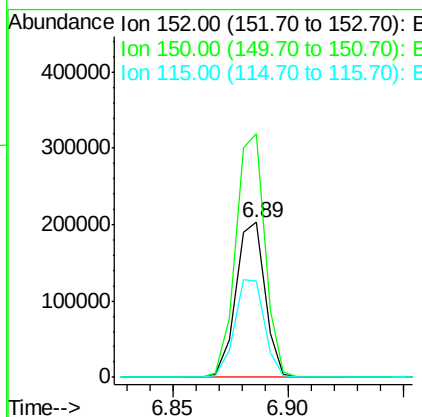
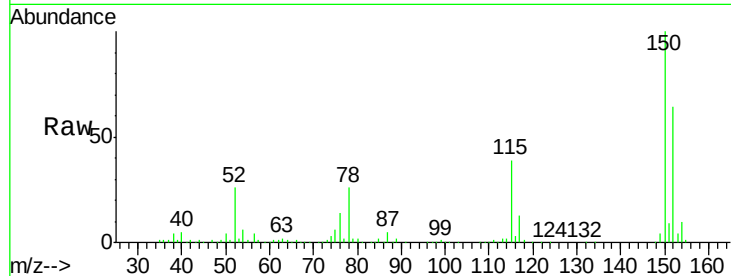
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Instrument :
BNA_F
ClientSampleId :
RO-4252

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	62.0	50.1	75.1

Manual Integrations
APPROVED

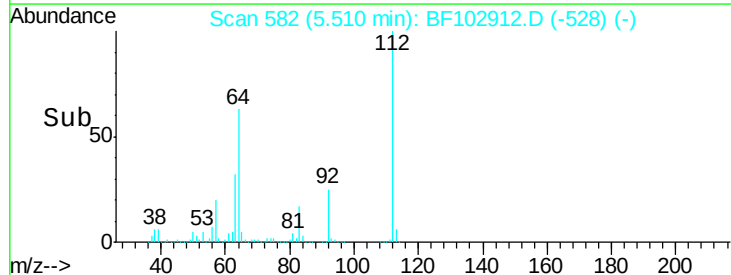
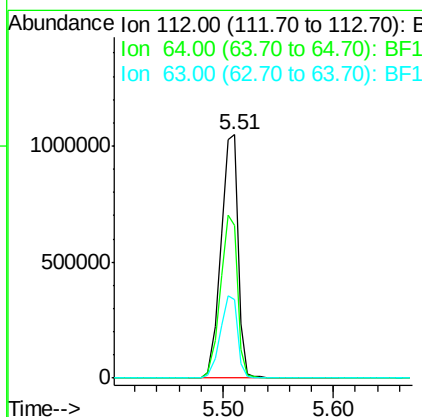
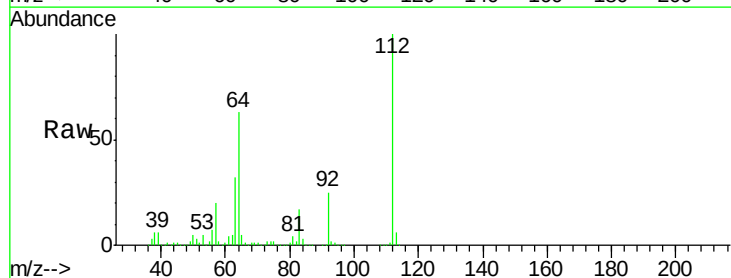
Sohil
2/13/2018 11:25:12 AM

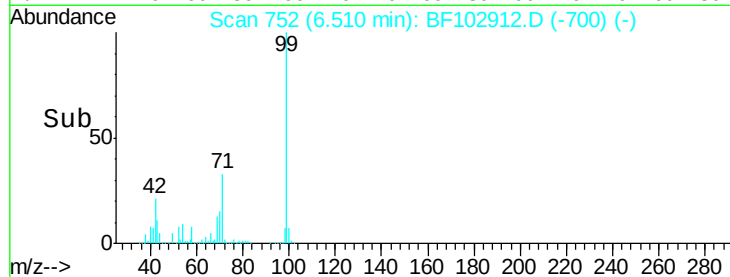
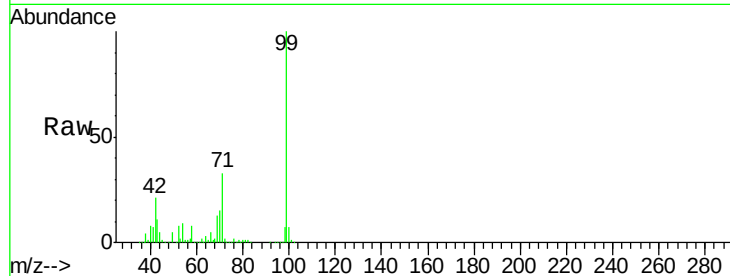
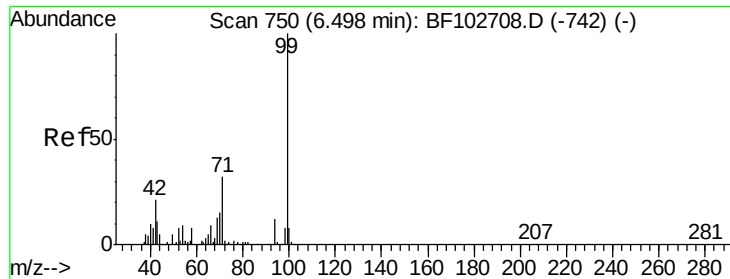


#5

2-Fluorophenol
Concen: 96.666 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	47.9	71.9
63	32.4	23.7	35.5





#7

Phenol-d6

Concen: 94.201 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102912.D

Acq: 12 Feb 2018 11:29

Tot Ion: 99 Resp: 1338649

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

71 33.1 25.4 38.0

Instrument :

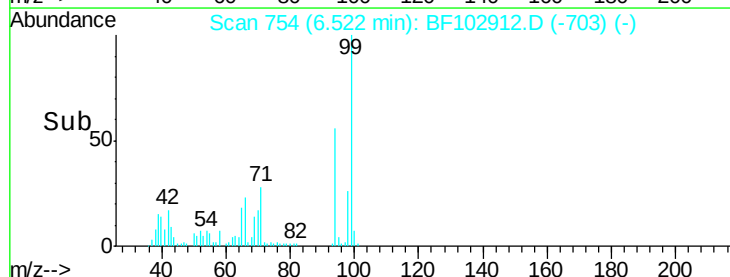
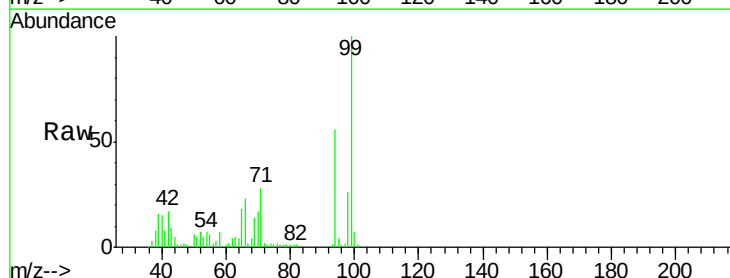
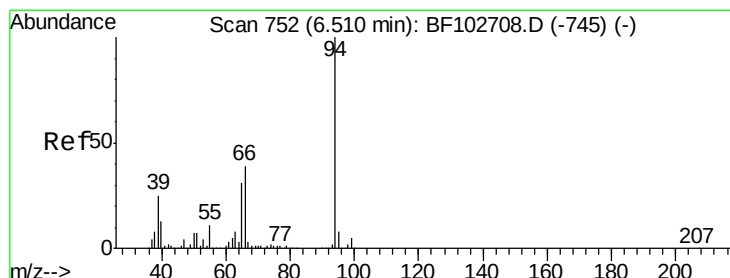
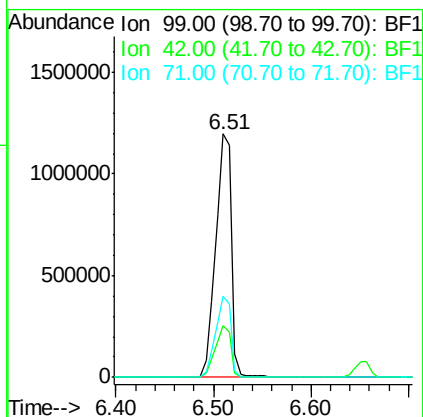
BNA_F

ClientSampled :

RO-4252

Manual Integrations
APPROVED

Sohil
2/13/2018 11:25:12 AM



#10

Phenol

Concen: 2.383 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF102912.D

Acq: 12 Feb 2018 11:29

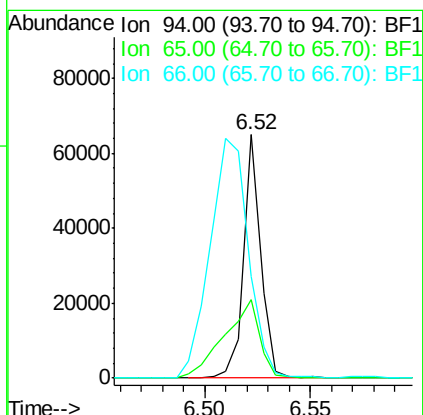
Tgt Ion: 94 Resp: 36293

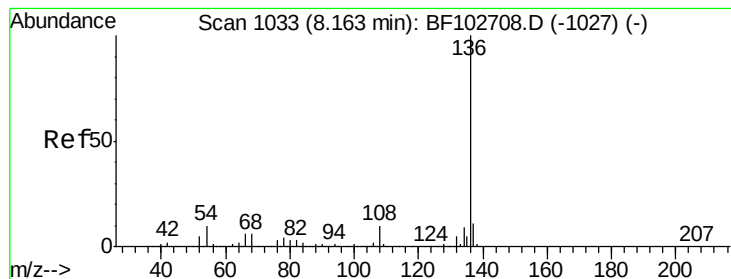
Ion Ratio Lower Upper

94 100

65 32.5 7.9 47.9

66 41.8 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: BF102912.D

Acq: 12 Feb 2018 11:29

Instrument :

BNA_F

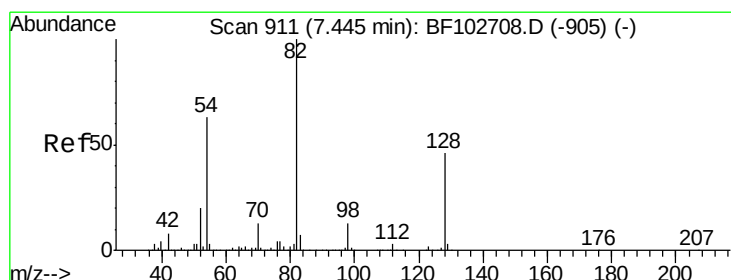
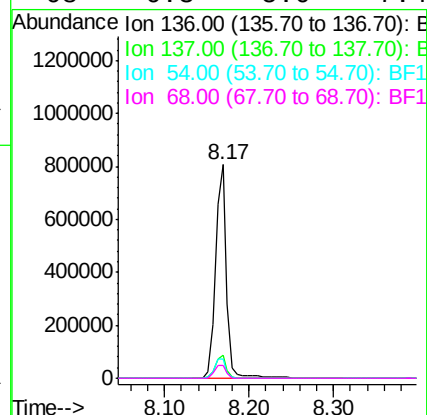
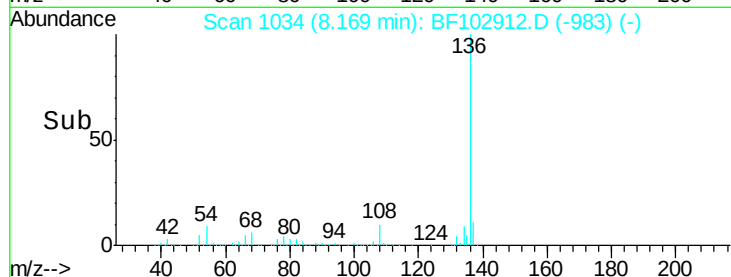
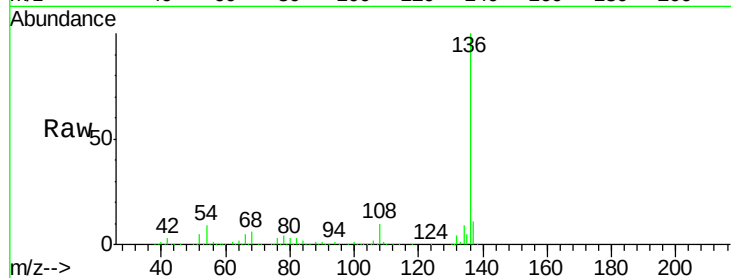
ClientSampleId :

RO-4252

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		741360		
137	11.0		8.9	13.3	
54	9.2		6.6	9.8	
68	6.3		5.0	7.4	

Manual Integrations
APPROVED

Sohil
2/13/2018 11:25:12 AM



#23

Nitrobenzene-d5

Concen: 82.454 ng

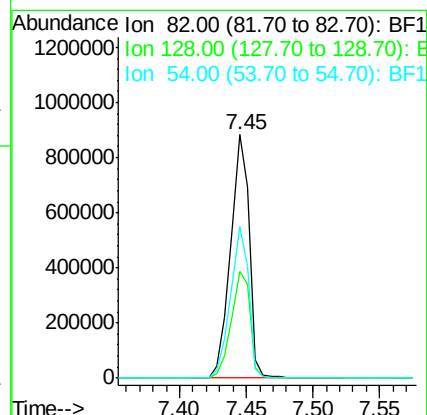
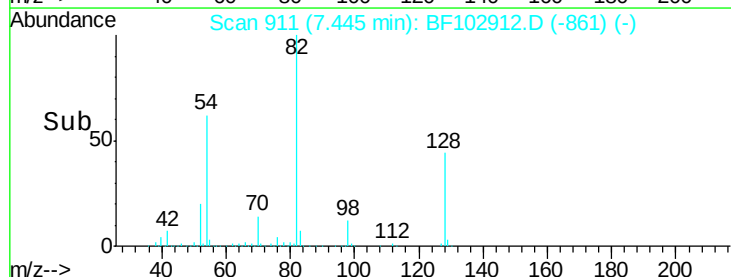
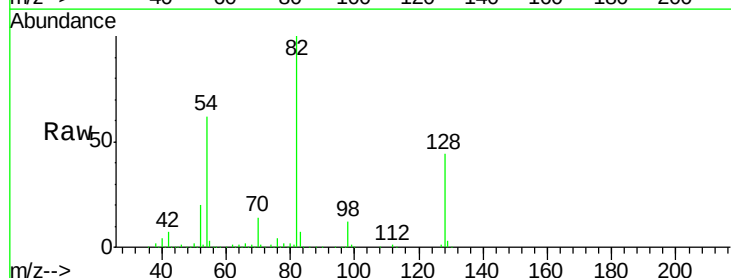
RT: 7.45 min Scan# 911

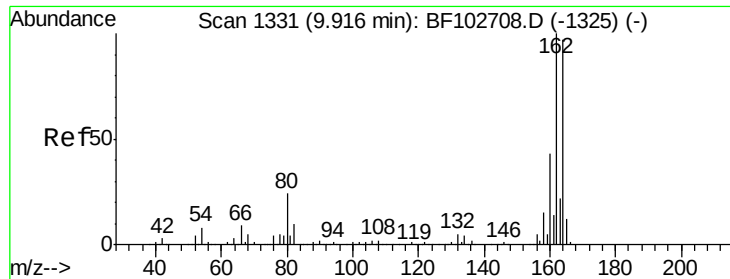
Delta R.T. -0.01 min

Lab File: BF102912.D

Acq: 12 Feb 2018 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		881187		
128	43.8		36.1	54.1	
54	62.0		41.4	62.2	





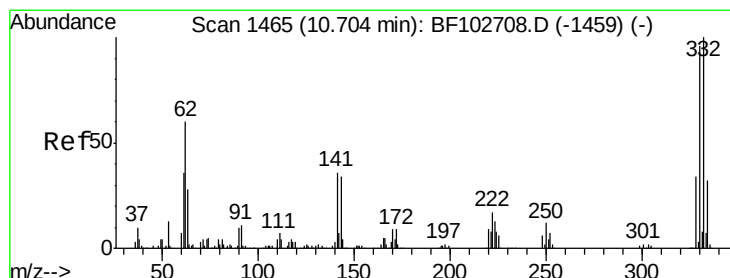
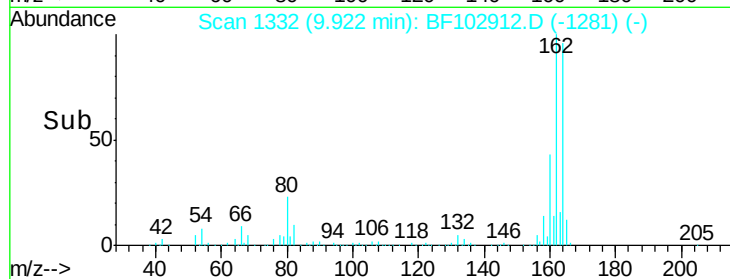
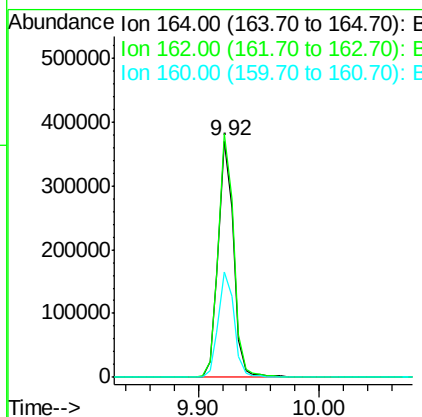
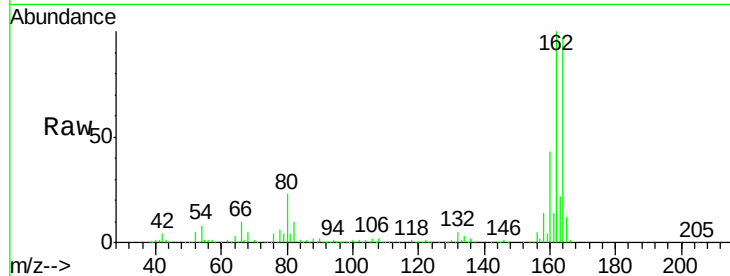
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF102912.D
 Acq: 12 Feb 2018 11:29

Instrument :
 BNA_F
 ClientSampleId :
 RO-4252

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	86.1	129.1	
160	44.5	38.3	57.5	

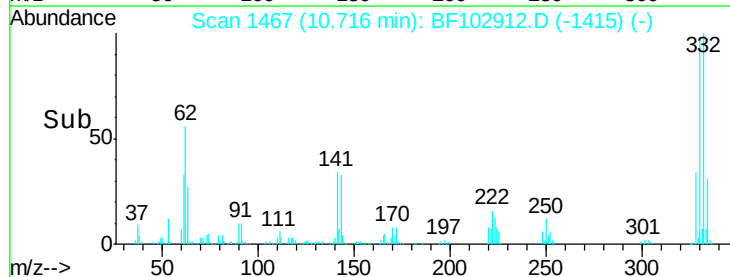
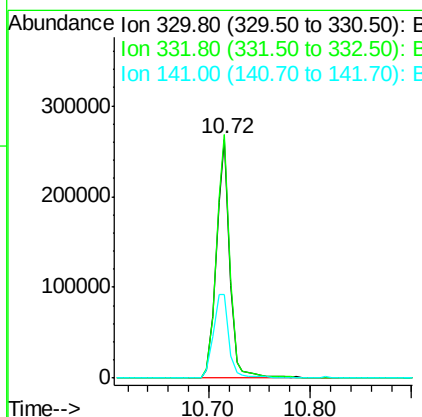
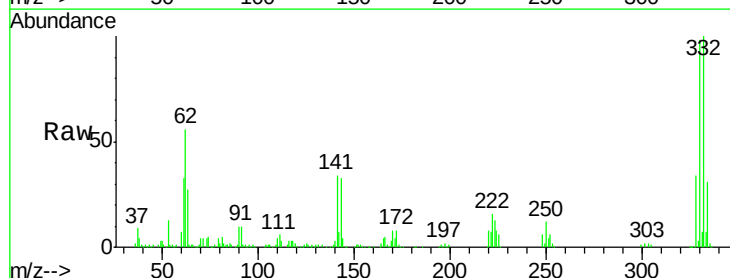
Manual Integrations
 APPROVED

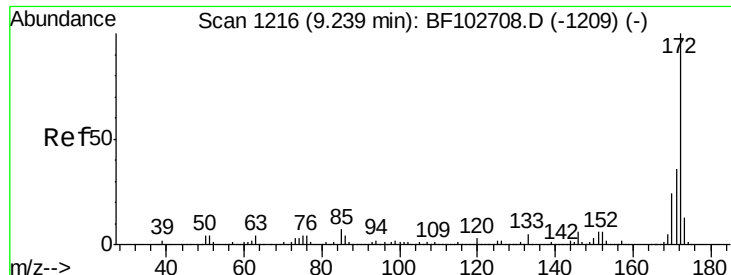
Sohil
 2/13/2018 11:25:12 AM



#41
 2,4,6-Tribromophenol
 Concen: 93.471 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102912.D
 Acq: 12 Feb 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	101.9	77.0	115.6	
141	41.5	29.9	44.9	





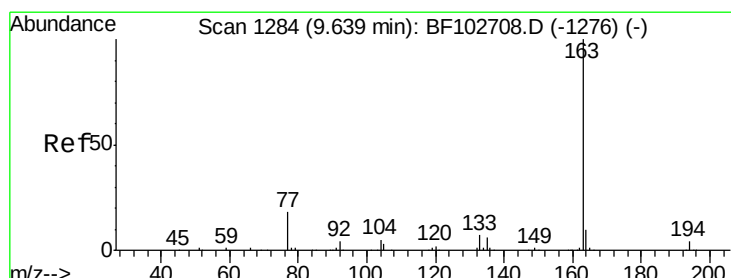
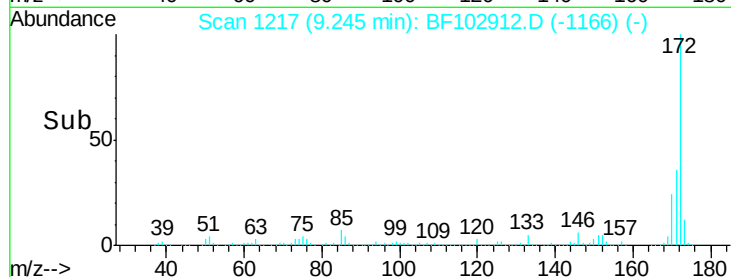
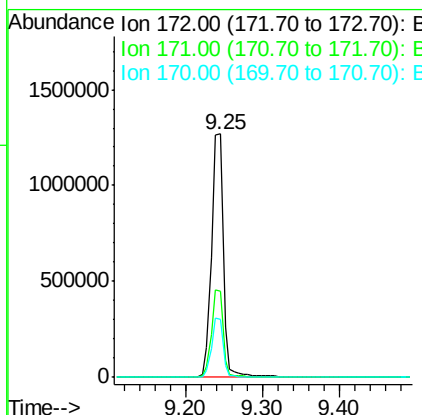
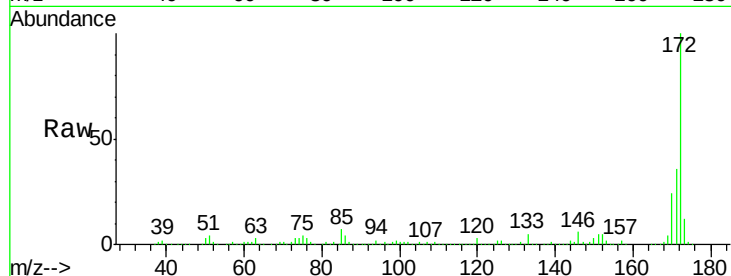
#44
2-Fluorobiphenyl
Concen: 68.953 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Instrument :
BNA_F
ClientSampleId :
RO-4252

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.8	19.6	29.4

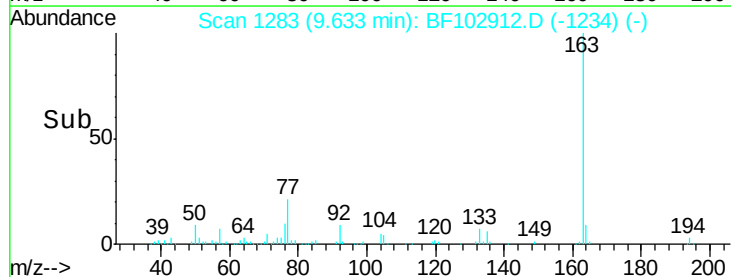
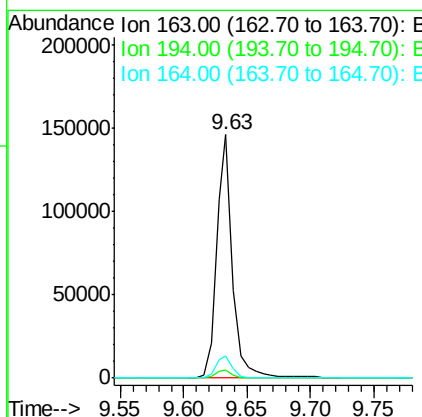
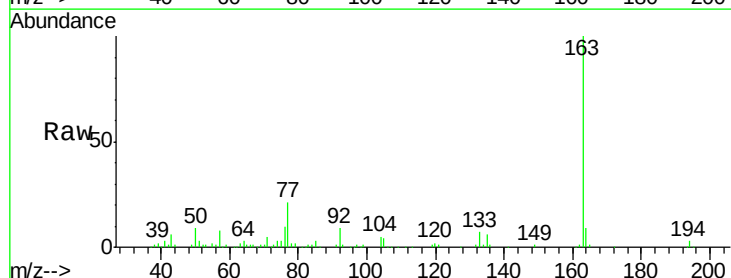
Manual Integrations
APPROVED

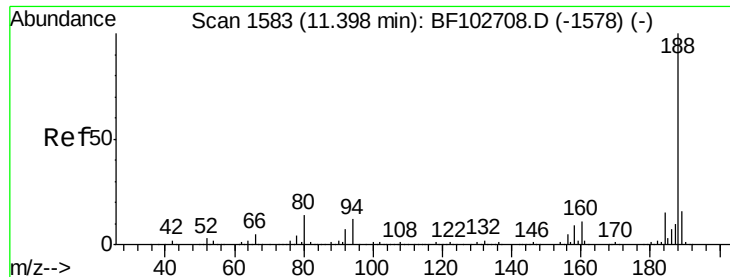
Sohil
2/13/2018 11:25:12 AM



#49
Dimethylphthalate
Concen: 5.081 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.3	8.2	12.2





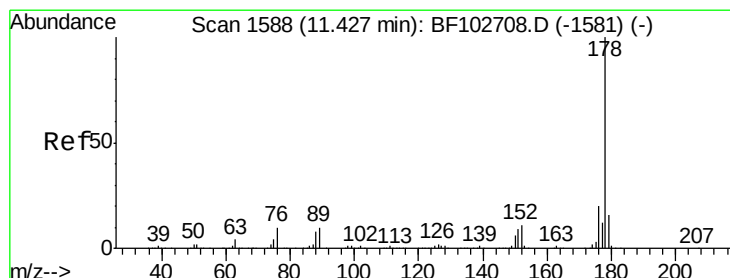
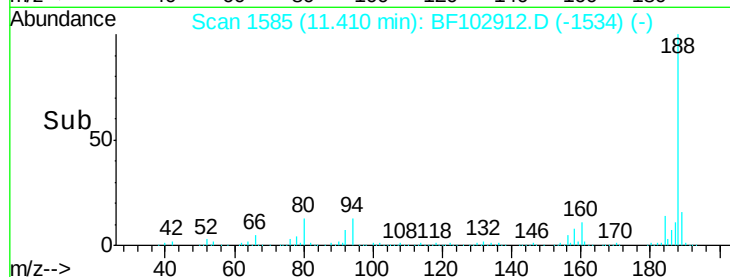
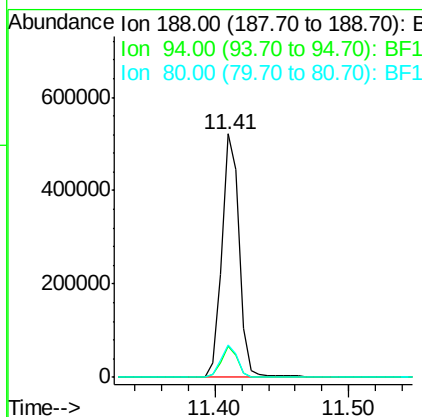
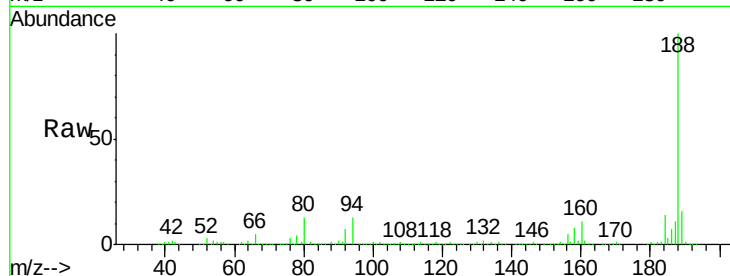
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Instrument :
BNA_F
ClientSampleId :
RO-4252

Tot Ion	Ratio	Resp	Lower	Upper
188	100	483190		
94	12.9		8.5	12.7#
80	13.5		9.2	13.8

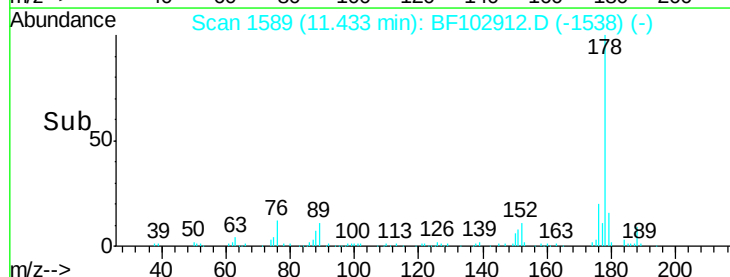
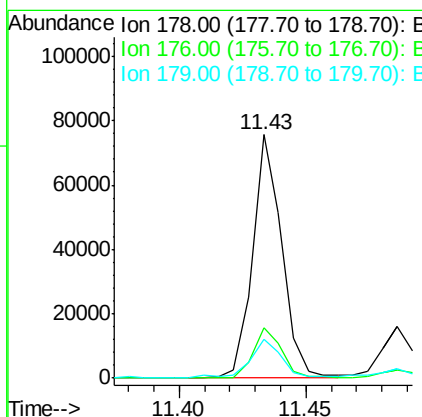
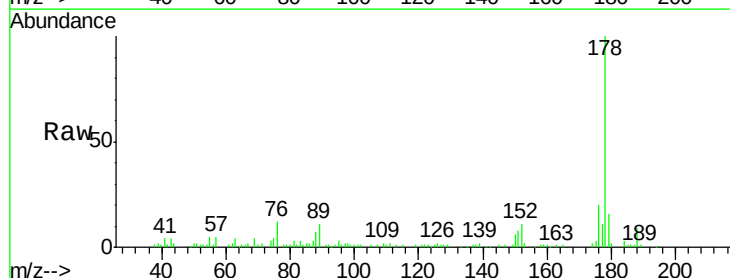
Manual Integrations
APPROVED

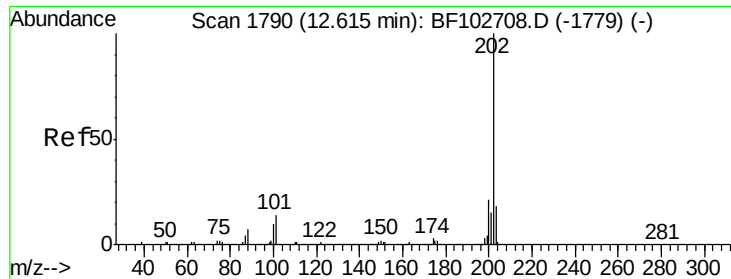
Sohil
2/13/2018 11:25:12 AM



#70
Phenanthrene
Concen: 2.254 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	60666		
176	20.4		15.8	23.8
179	16.1		13.0	19.6





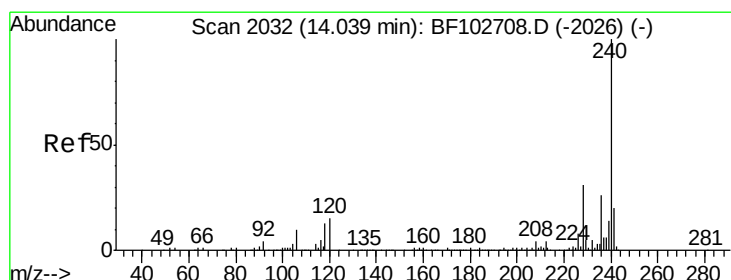
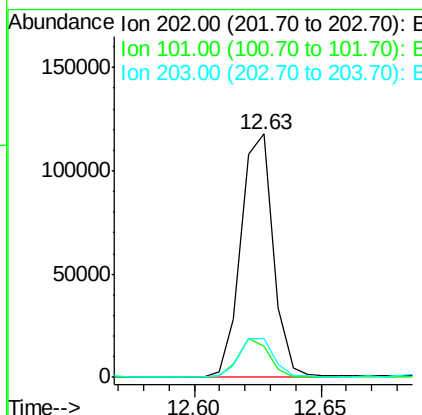
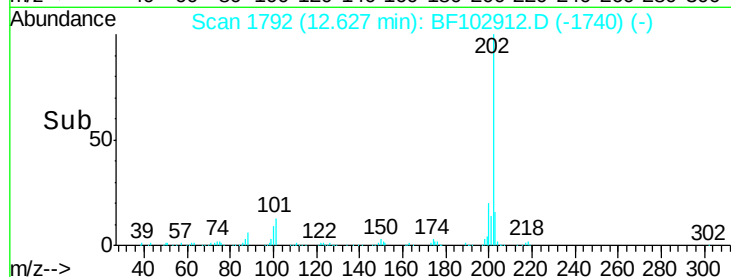
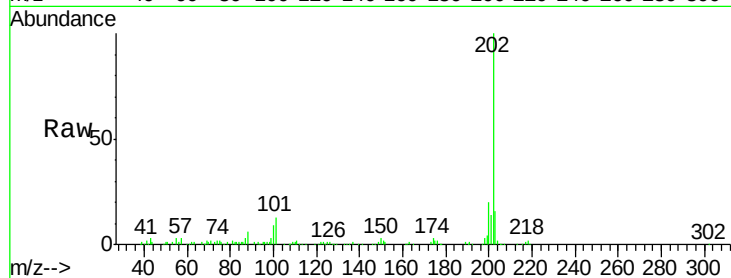
#74
Fluoranthene
Concen: 3.880 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Instrument :
BNA_F
ClientSampleId :
RO-4252

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.9	0.0	34.1
203	16.0	0.0	38.1

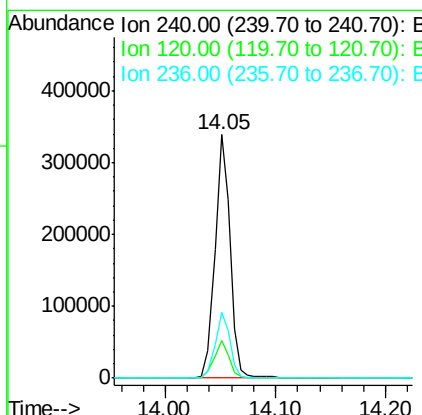
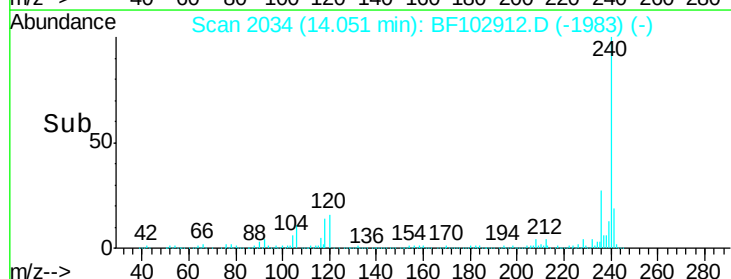
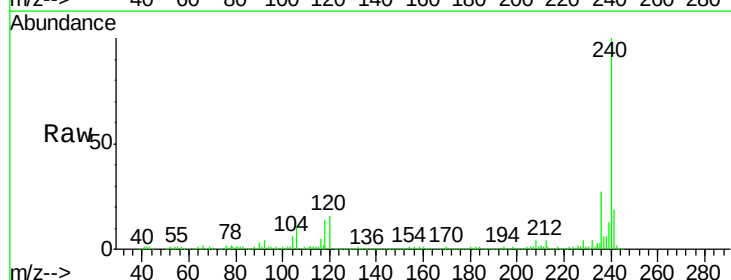
Manual Integrations
APPROVED

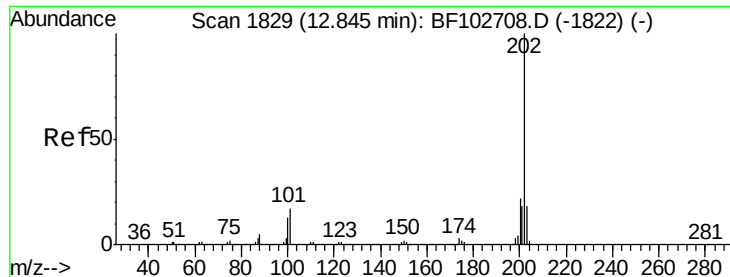
Sohil
2/13/2018 11:25:12 AM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	27.0	20.7	31.1





#77

Pvrene

Concen: 3.918 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102912.D

Acq: 12 Feb 2018 11:29

Instrument :

BNA_F

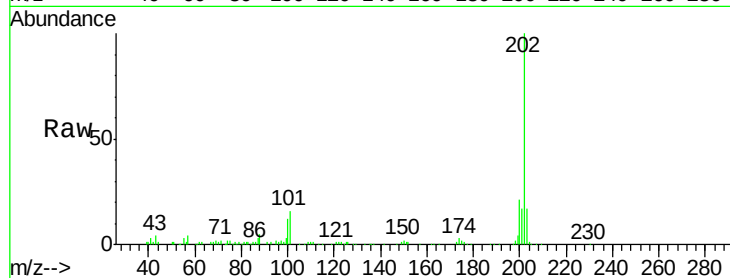
ClientSampled :

RO-4252

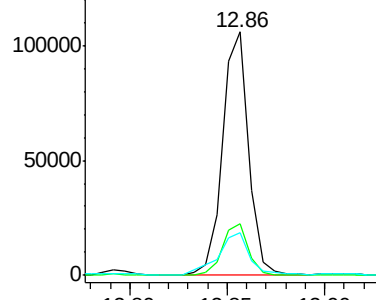
Tot Ion:	202	Resp:	98522
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.4	26.2
203	17.5	14.3	21.5

Manual Integrations
APPROVED

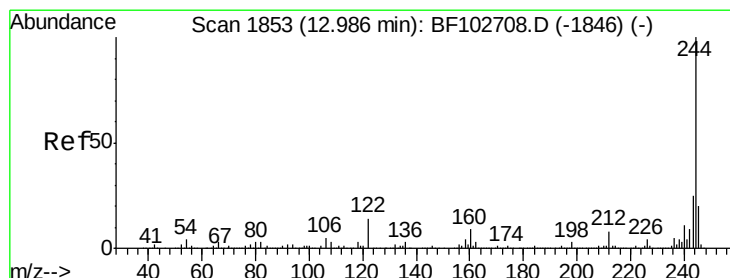
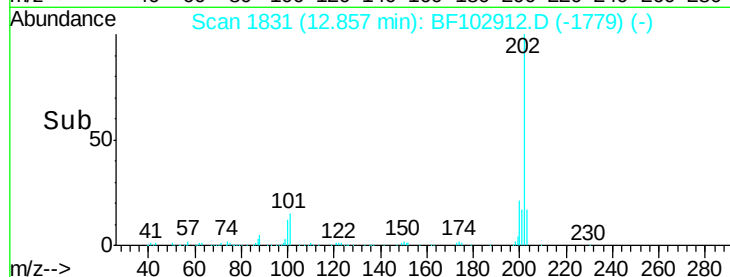
Sohil
2/13/2018 11:25:12 AM



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: 66.816 ng

RT: 13.00 min Scan# 1855

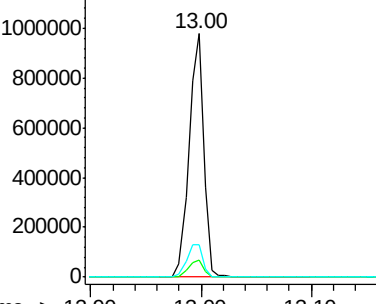
Delta R.T. -0.00 min

Lab File: BF102912.D

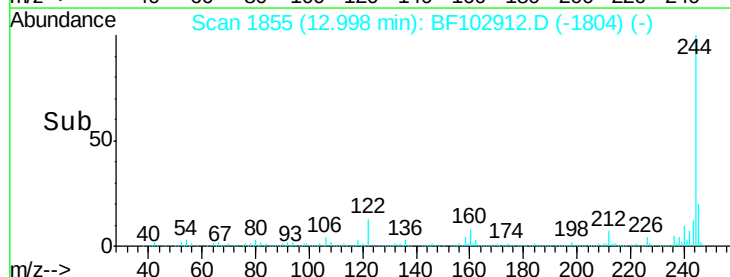
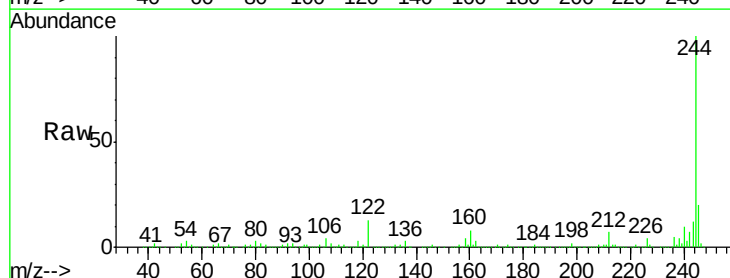
Acq: 12 Feb 2018 11:29

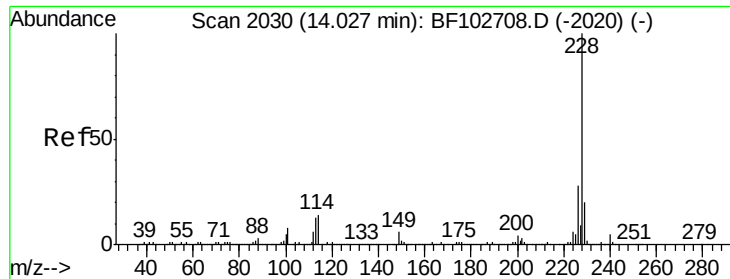
Tgt Ion:	244	Resp:	904939
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	13.2	11.0	16.4

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-->





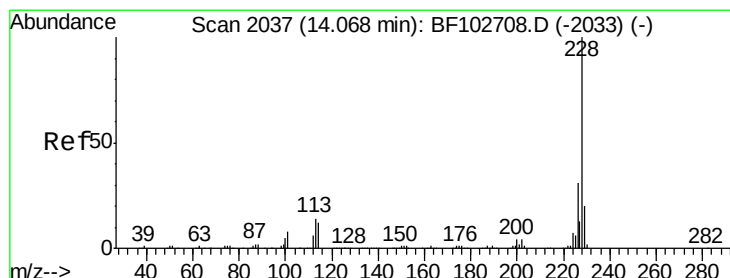
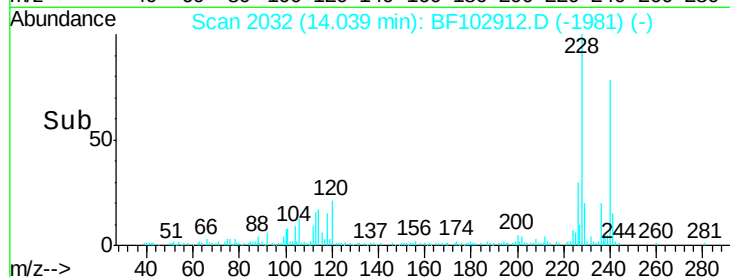
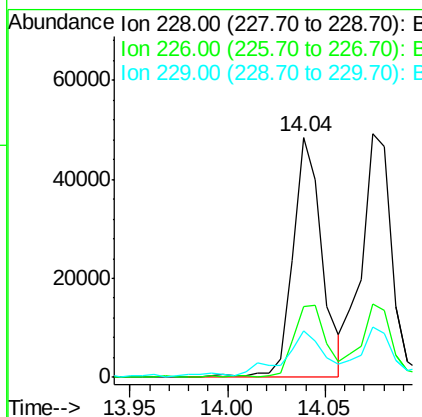
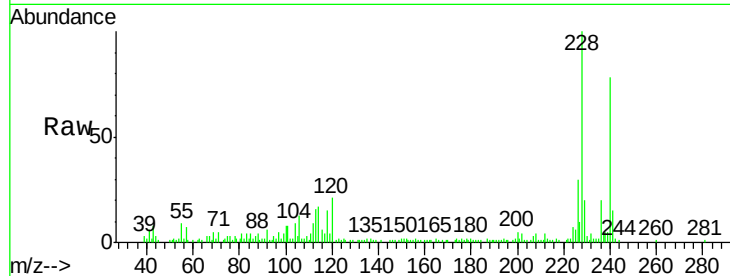
#80
Benzo(a)anthracene
Concen: 2.492 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Instrument :
BNA_F
ClientSampleId :
RO-4252

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	19.5	15.8	23.6

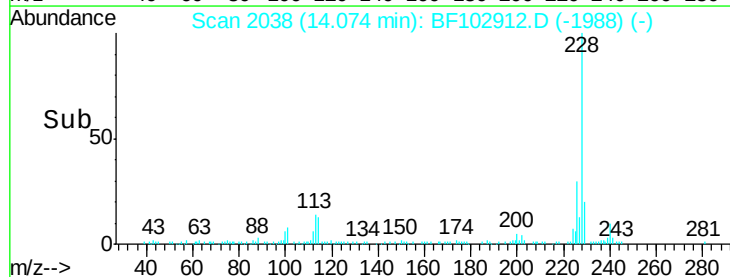
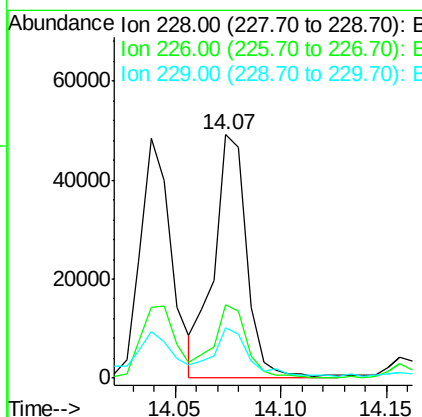
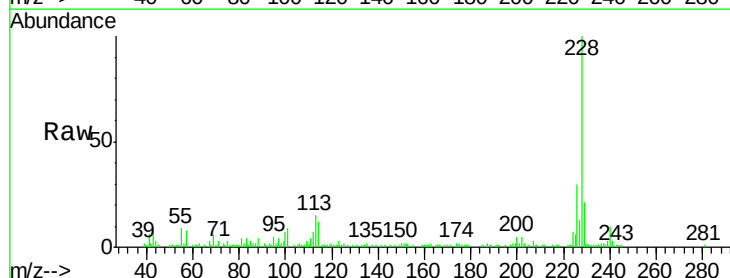
Manual Integrations
APPROVED

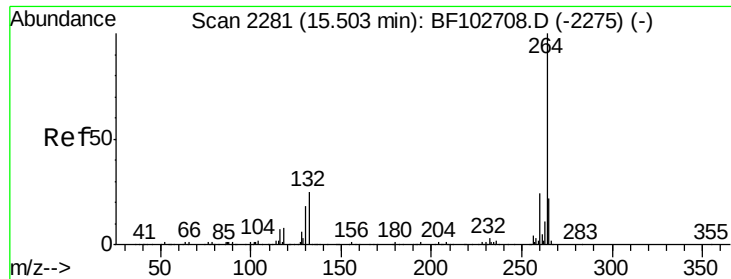
Sohil
2/13/2018 11:25:12 AM



#82
Chrysene
Concen: 2.628 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.8	16.2	24.4





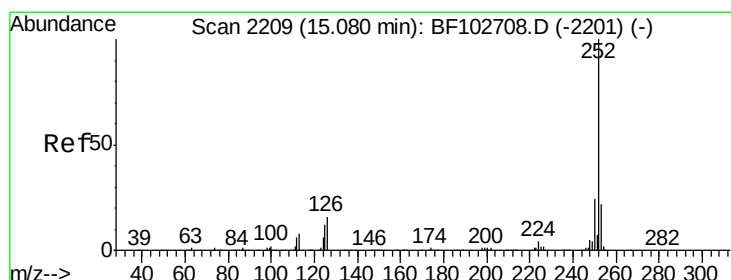
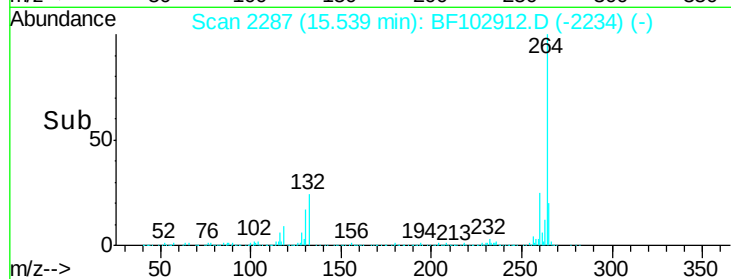
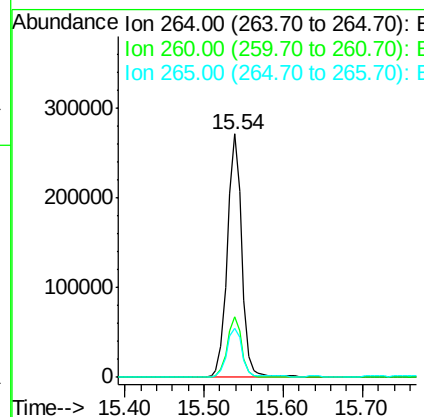
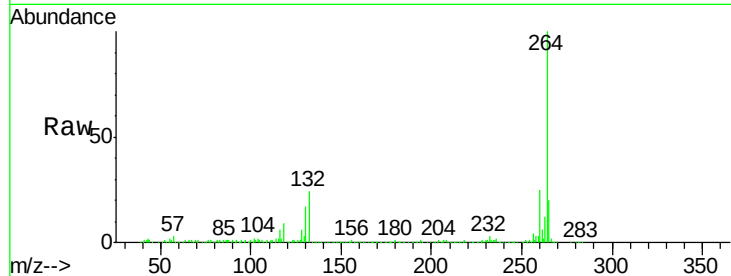
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Instrument :
BNA_F
ClientSampleId :
RO-4252

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	20.4	17.5	26.3

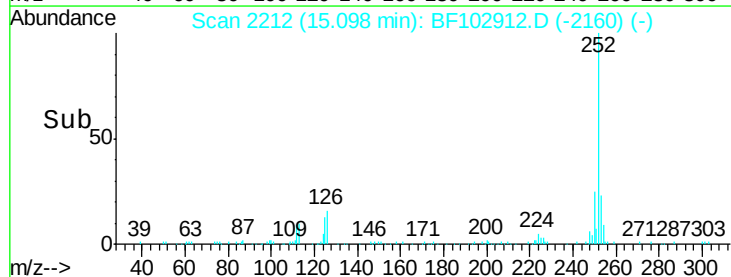
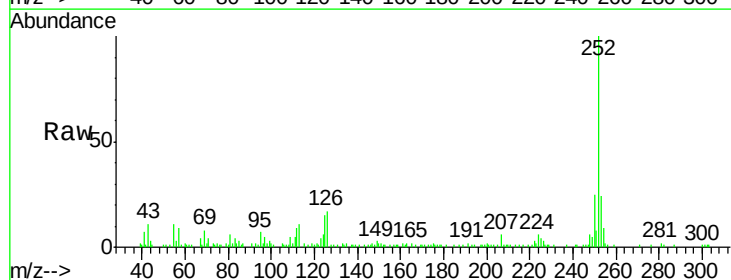
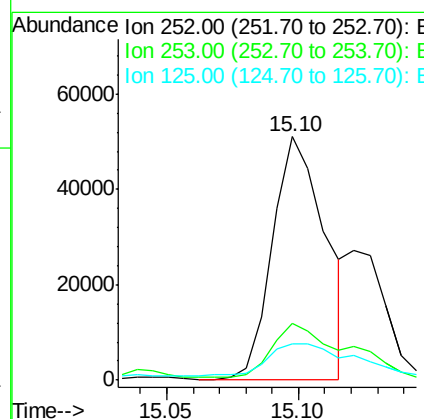
Manual Integrations
APPROVED

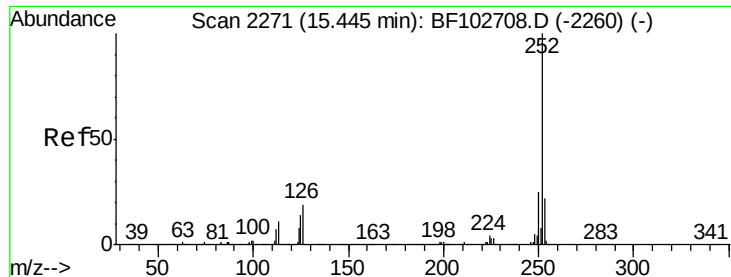
Sohil
2/13/2018 11:25:12 AM



#87
Benzo(b)fluoranthene
Concen: 3.257 ng m
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF102912.D
Acq: 12 Feb 2018 11:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	14.7	9.0	13.6#





#89
 Benzo(a)pyrene
 Concen: 2.453 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.01 min
 Lab File: BF102912.D
 Acq: 12 Feb 2018 11:29

Instrument :
 BNA_F
 ClientSampleId :
 RO-4252

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	13.0	9.8	14.6

Manual Integrations
 APPROVED

Sohil
 2/13/2018 11:25:12 AM

