

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104948.D
 Acq On : 30 Apr 2018 22:07
 Operator : JU/SJ
 Sample : J2158-07 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-042718

Manual Integrations
 APPROVED

Sohil
 5/1/2018 7:05:49 PM

Quant Time: May 01 07:08:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	113507	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	453193	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	184921	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	285484	20.00	ng	0.00
75) Chrysene-d12	13.97	240	220985	20.00	ng	0.00
86) Perylene-d12	15.43	264	171298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	342882	46.19	ng	0.00
7) Phenol-d6	6.43	99	408560	44.79	ng	-0.01
23) Nitrobenzene-d5	7.35	82	237033	34.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	80174	41.80	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	441393	37.71	ng	-0.01
78) Terphenyl-d14	12.90	244	318583	32.87	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.55	163	47673	3.269	ng	99
74) Fluoranthene	12.53	202	45549	2.742	ng	96
77) Pyrene	12.76	202	56993	3.479	ng	98
80) Benzo(a)anthracene	13.96	228	28985	2.196	ng	# 89
82) Chrysene	13.99	228	31145m	2.297	ng	
87) Benzo(b)fluoranthene	15.01	252	32790m	3.031	ng	
89) Benzo(a)pyrene	15.37	252	23304	2.407	ng	# 80

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

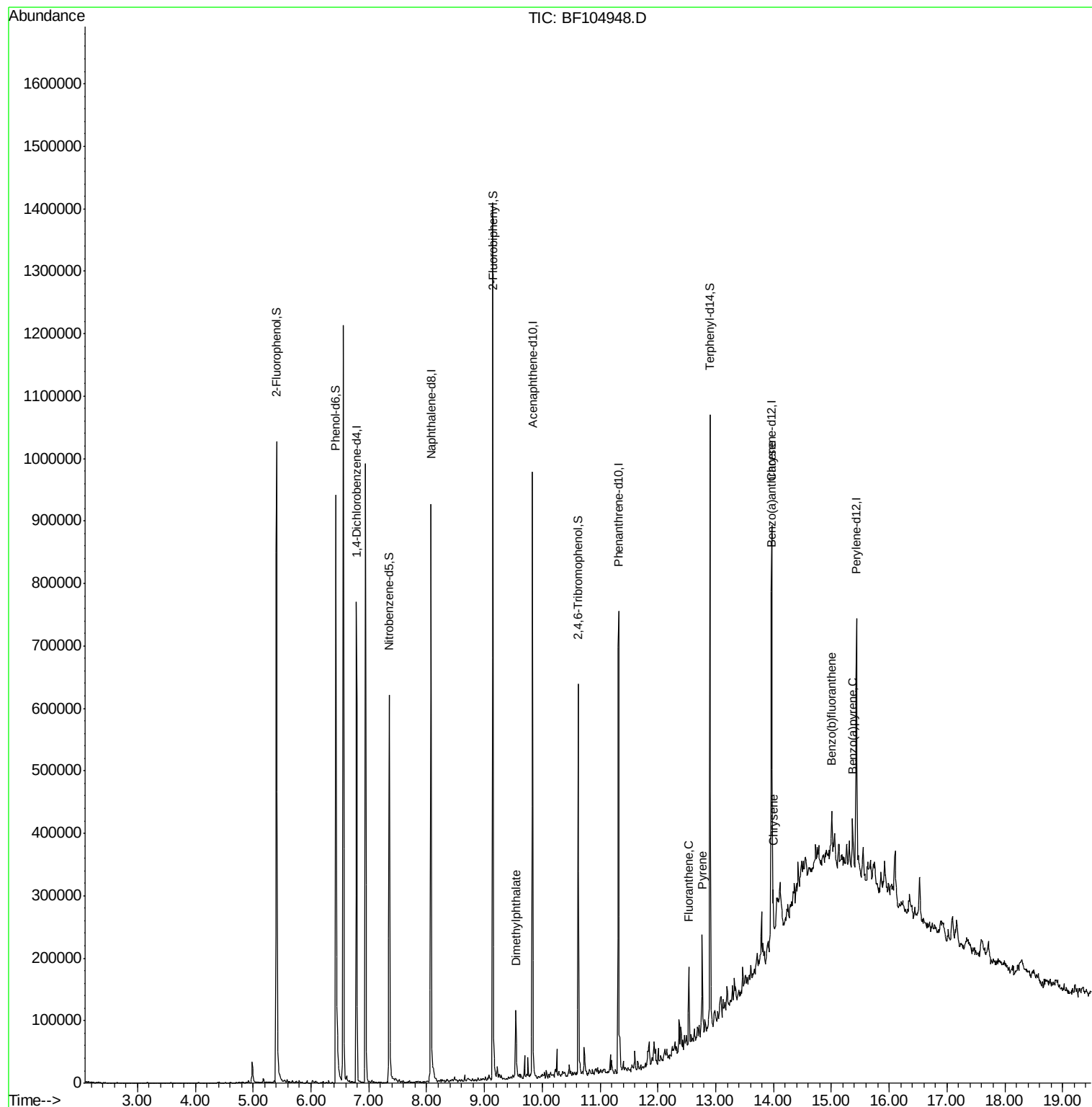
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104948.D
Acq On : 30 Apr 2018 22:07
Operator : JU/SJ
Sample : J2158-07 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

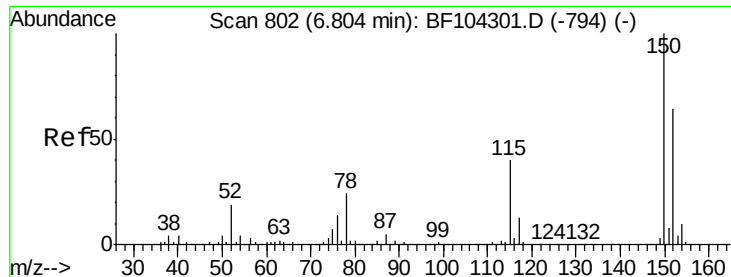
Instrument :
BNA_F
ClientSampleId :
OK-02-042718

Manual Integrations
APPROVED

Sohil
5/1/2018 7:05:49 PM

Quant Time: May 01 07:08:15 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 15:20:08 2018
Response via : Initial Calibration





#1

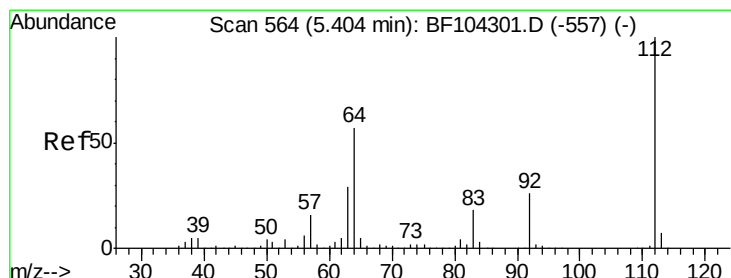
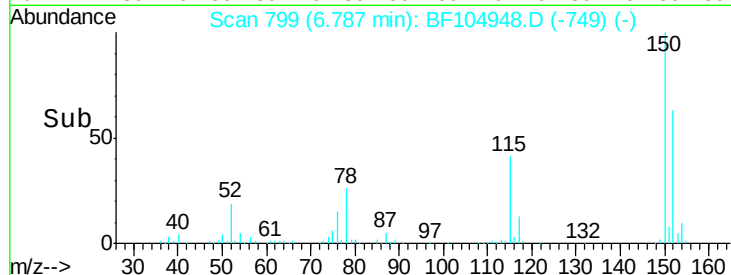
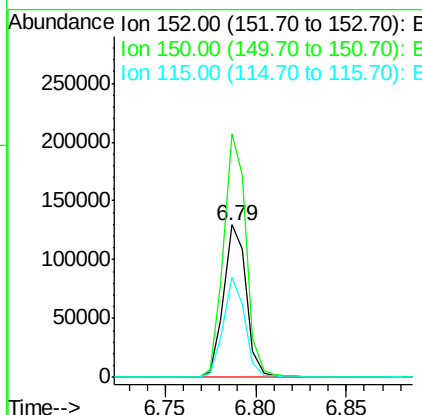
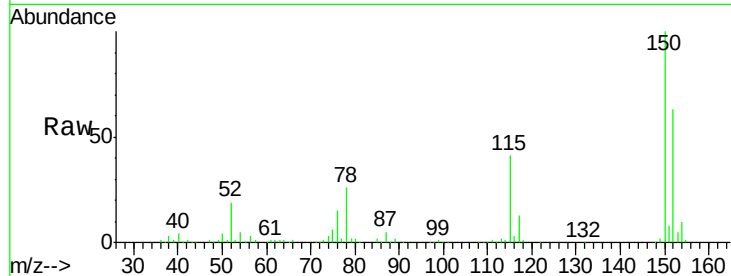
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104948.D
Acq: 30 Apr 2018 22:07

Instrument :
BNA_F
ClientSampleId :
OK-02-042718

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	65.5	50.1	75.1

Manual Integrations
APPROVED

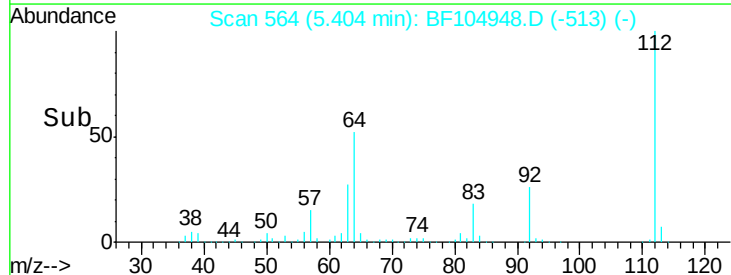
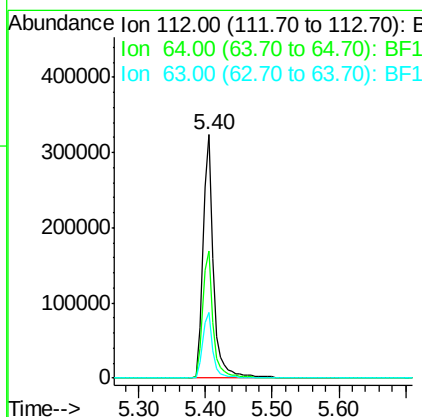
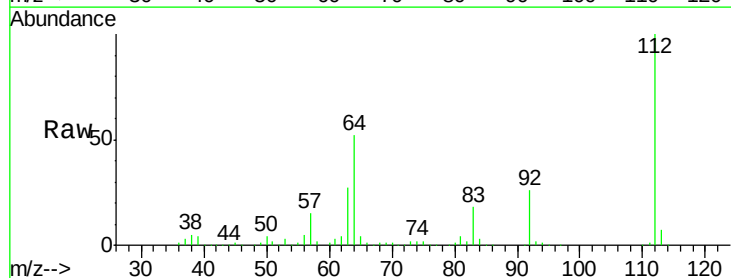
Sohil
5/1/2018 7:05:49 PM

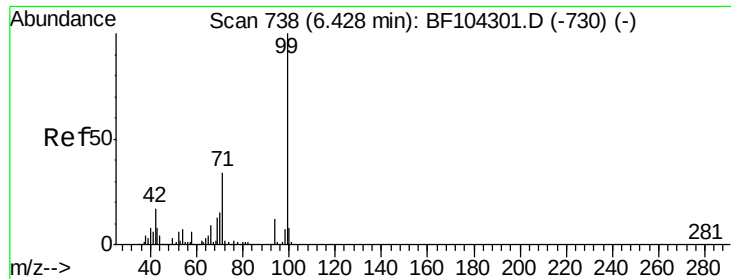


#5

2-Fluorophenol
Concen: 46.190 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF104948.D
Acq: 30 Apr 2018 22:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	47.9	71.9
63	26.9	23.7	35.5





#7

Phenol-d6

Concen: 44.794 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF104948.D

Acq: 30 Apr 2018 22:07

Instrument :

BNA_F

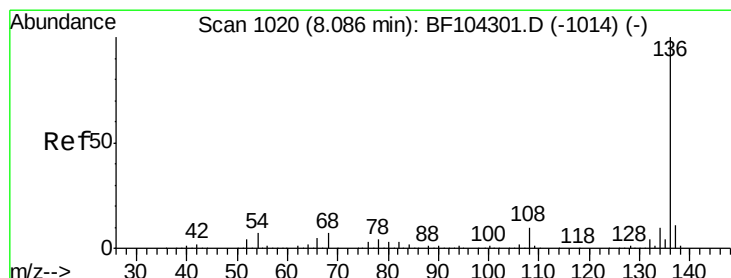
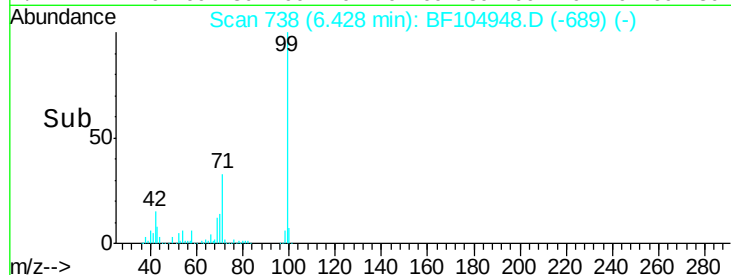
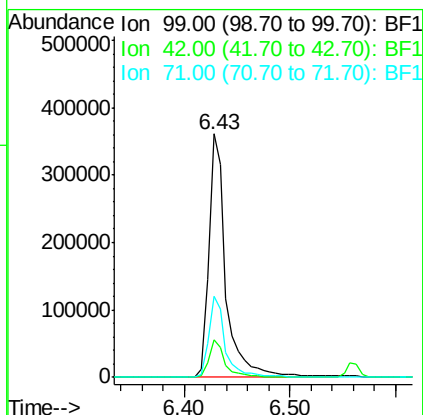
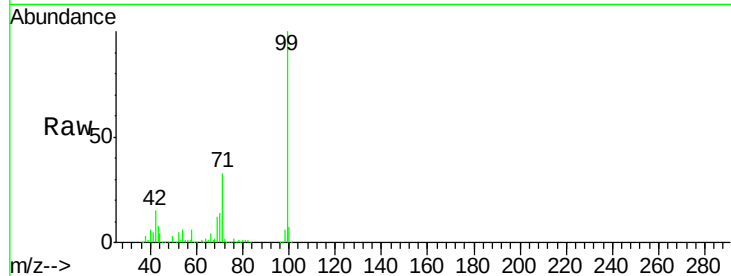
ClientSampleId :

OK-02-042718

Tot Ion:	99	Resp:	408560
Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.5	21.7
71	33.3	25.4	38.0

Manual Integrations
APPROVED

Sohil
5/1/2018 7:05:49 PM



#21

Naphthalene-d8

Concen: 20.000 ng

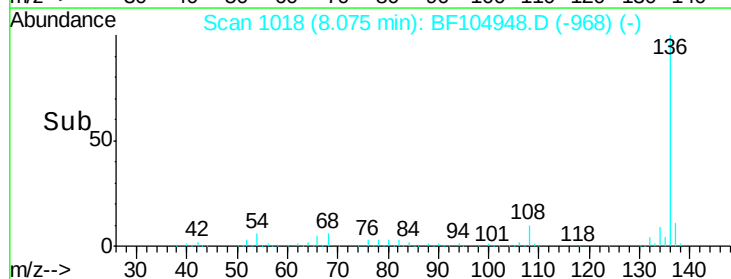
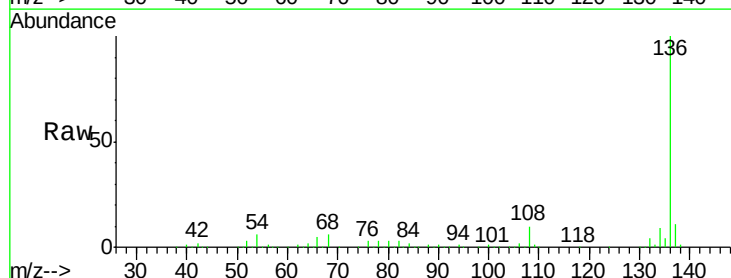
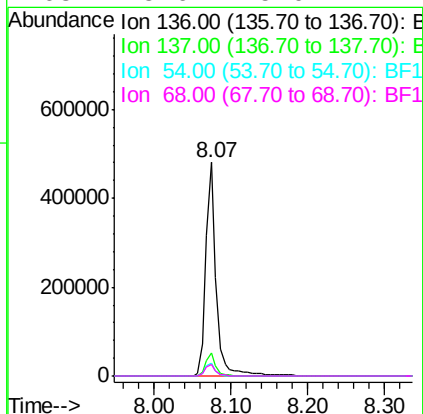
RT: 8.07 min Scan# 1018

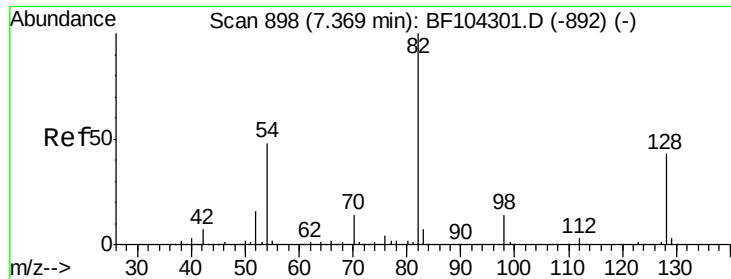
Delta R.T. -0.01 min

Lab File: BF104948.D

Acq: 30 Apr 2018 22:07

Tgt Ion:	136	Resp:	453193
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.1	6.6	9.8#
68	5.6	5.0	7.4





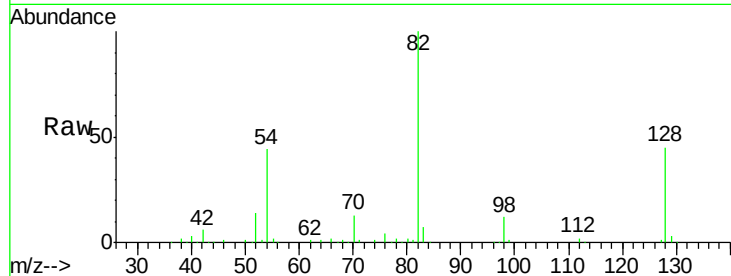
#23
Nitrobenzene-d5
Concen: 34.153 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF104948.D
Acq: 30 Apr 2018 22:07

Instrument :
BNA_F
ClientSampleId :
OK-02-042718

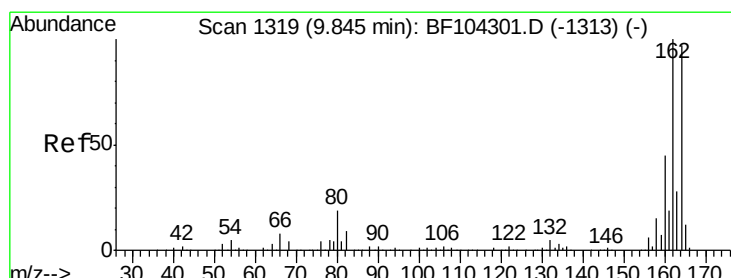
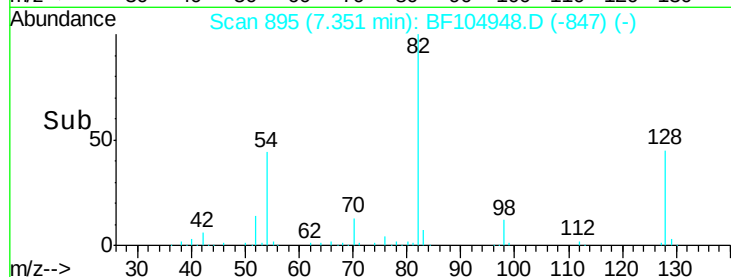
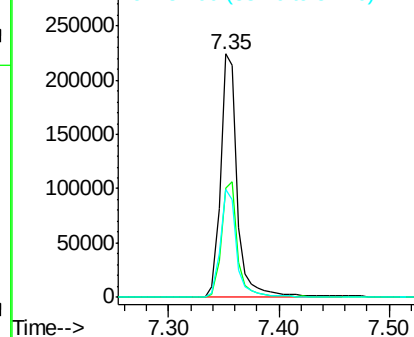
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	44.1	41.4	62.2

Manual Integrations
APPROVED

Sohil
5/1/2018 7:05:49 PM

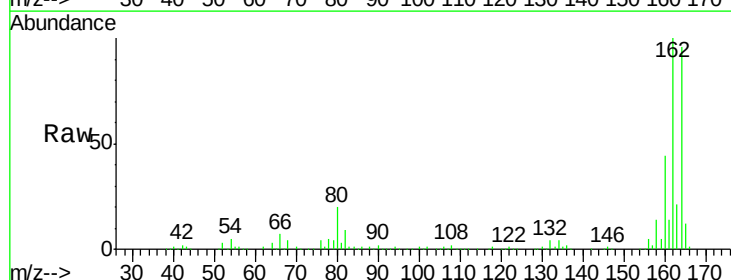


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

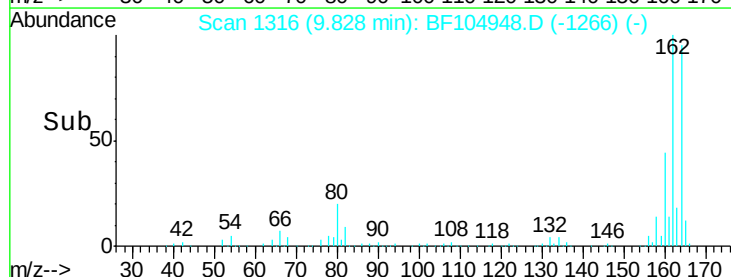
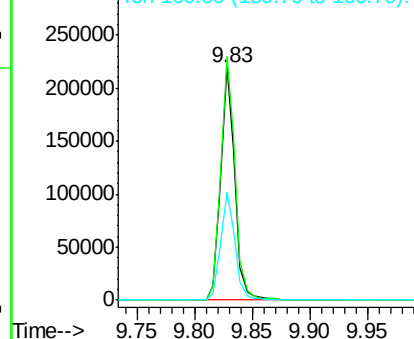


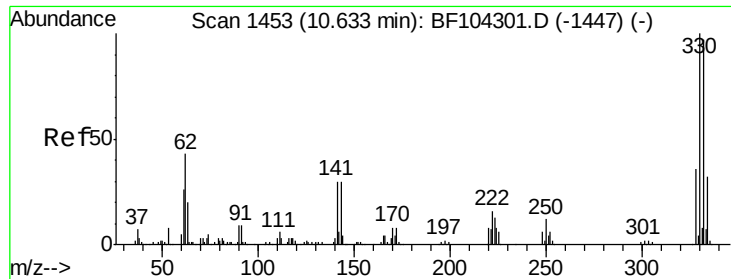
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF104948.D
Acq: 30 Apr 2018 22:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	46.5	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: 41.796 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF104948.D

Acq: 30 Apr 2018 22:07

Instrument :

BNA_F

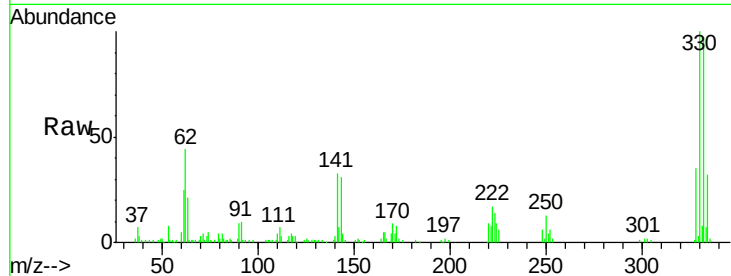
ClientSampleId :

OK-02-042718

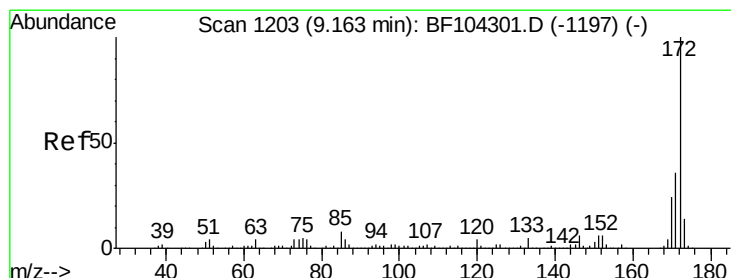
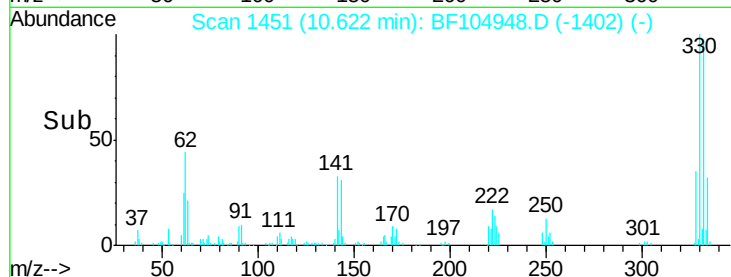
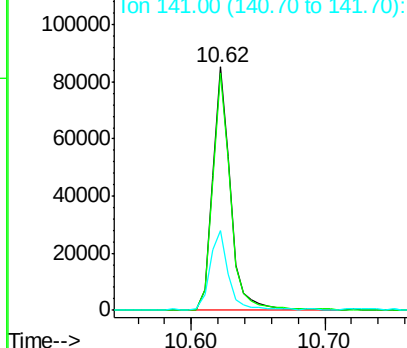
Tot Ion:	330	Resp:	80174
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.0	115.6
141	34.9	29.9	44.9

Manual Integrations
APPROVED

Sohil
5/1/2018 7:05:49 PM



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: 37.708 ng

RT: 9.15 min Scan# 1200

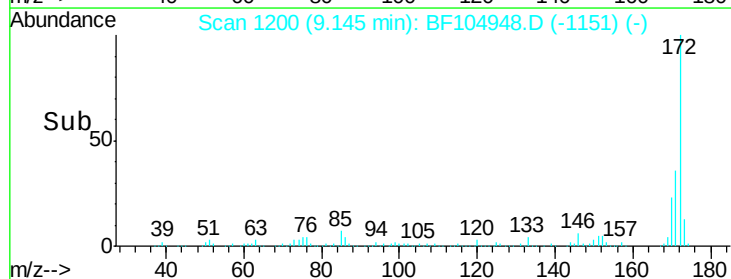
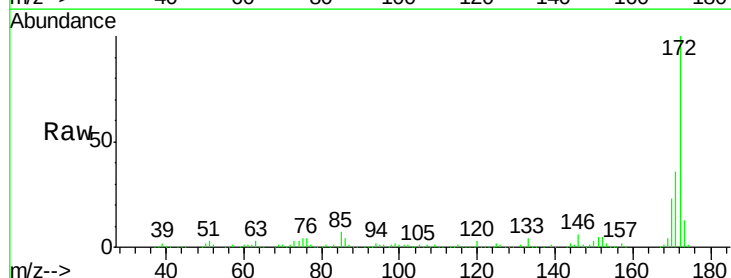
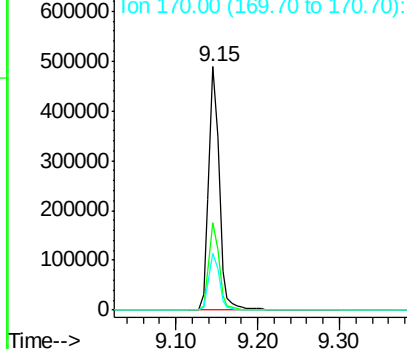
Delta R.T. -0.01 min

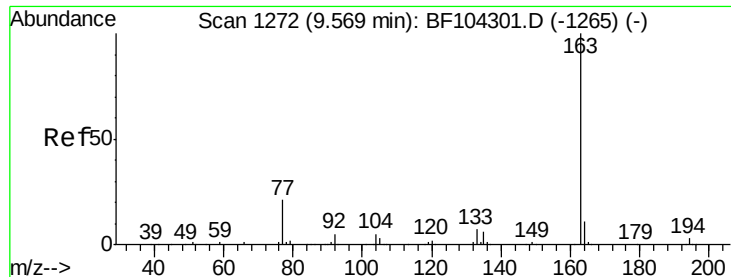
Lab File: BF104948.D

Acq: 30 Apr 2018 22:07

Tgt Ion:	172	Resp:	441393
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	23.4	19.6	29.4

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





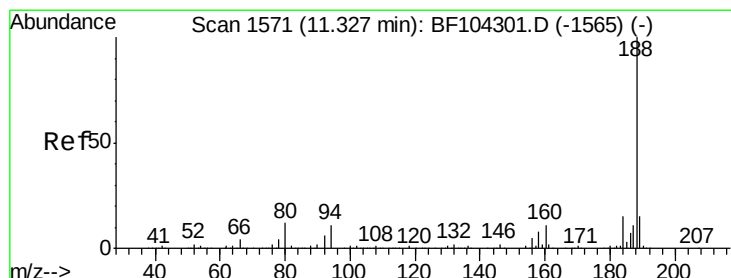
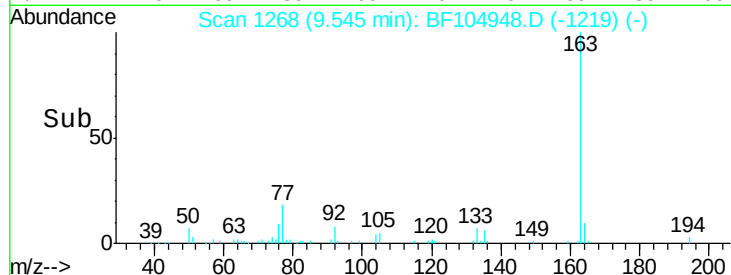
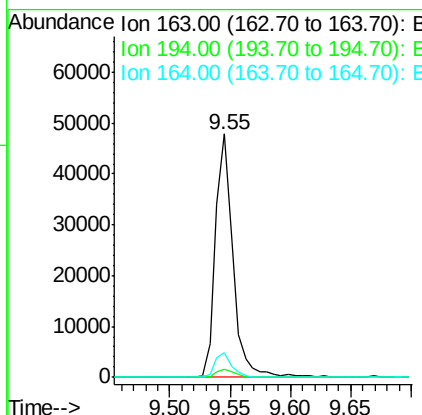
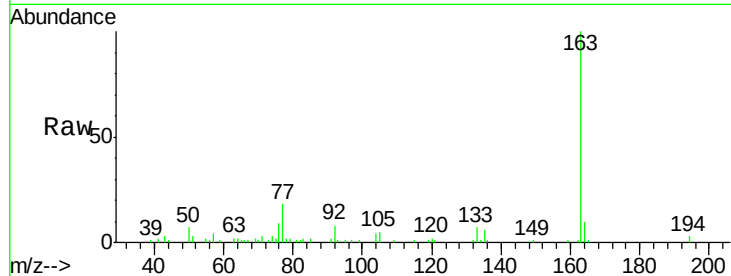
#49
Dimethylphthalate
Concen: 3.269 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104948.D
Acq: 30 Apr 2018 22:07

Instrument :
BNA_F
ClientSampleId :
OK-02-042718

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.1	8.2	12.2

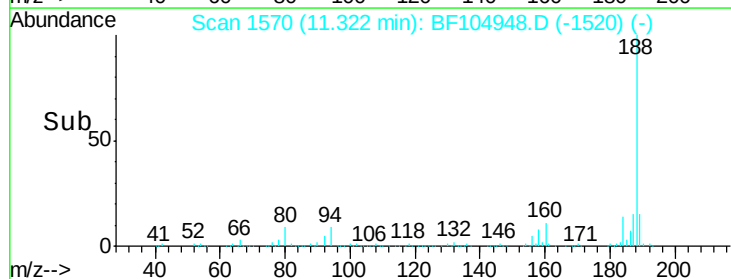
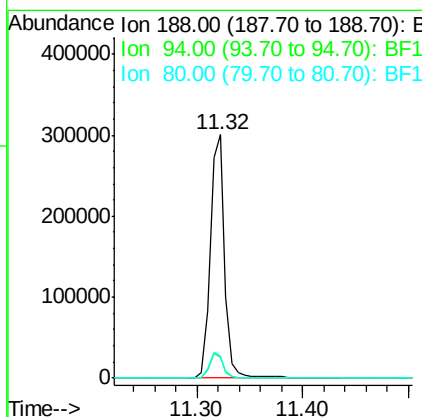
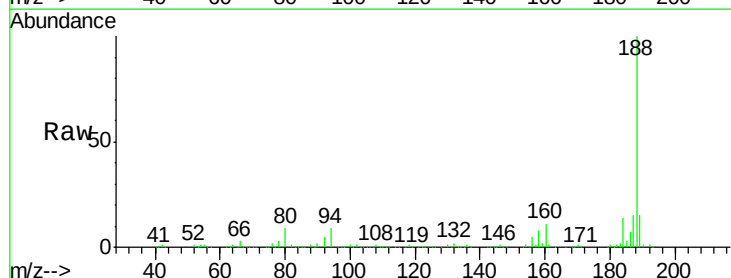
Manual Integrations
APPROVED

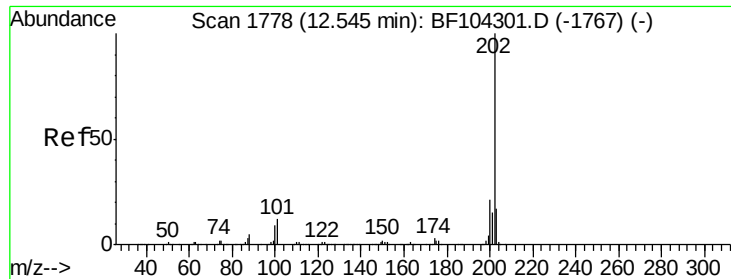
Sohil
5/1/2018 7:05:49 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104948.D
Acq: 30 Apr 2018 22:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.4	9.2	13.8





#74

Fluoranthene

Concen: 2.742 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF104948.D

Acq: 30 Apr 2018 22:07

Instrument :

BNA_F

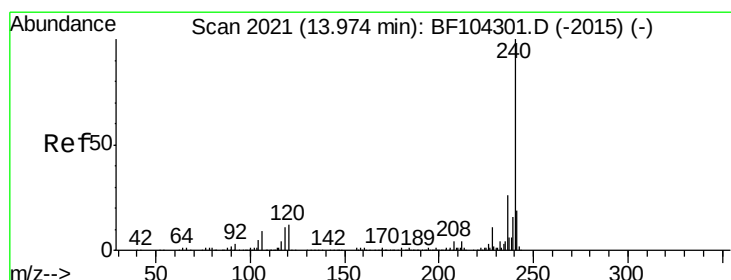
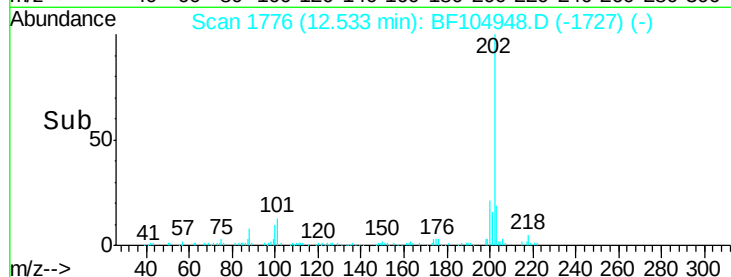
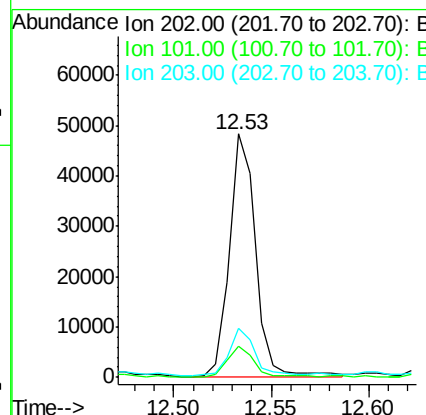
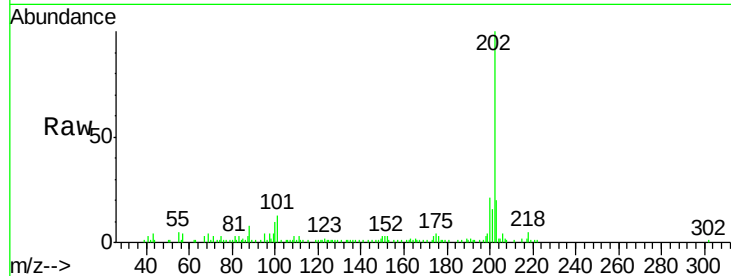
ClientSampleId :

OK-02-042718

Tot Ion:	202	Resp:	45549
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	34.1
203	20.1	0.0	38.1

Manual Integrations
APPROVED

Sohil
5/1/2018 7:05:49 PM



#75

Chrysene-d12

Concen: 20.000 ng

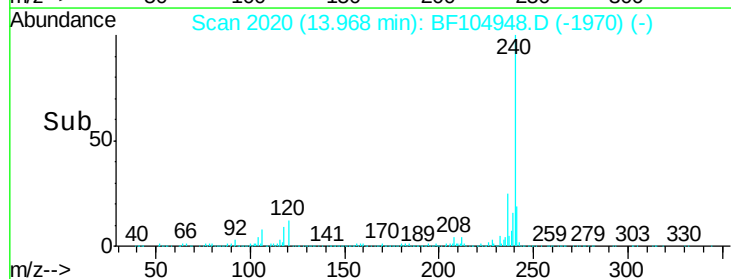
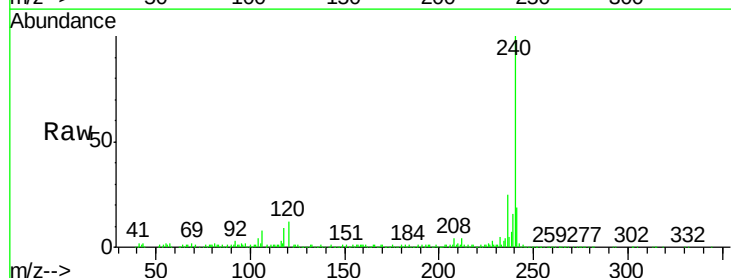
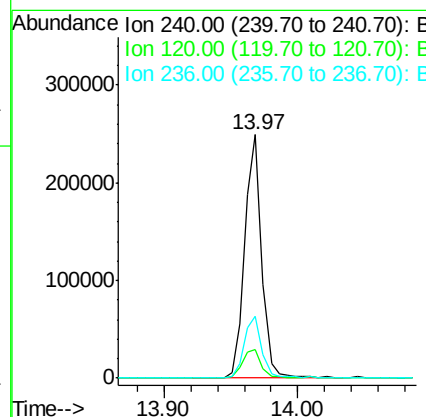
RT: 13.97 min Scan# 2020

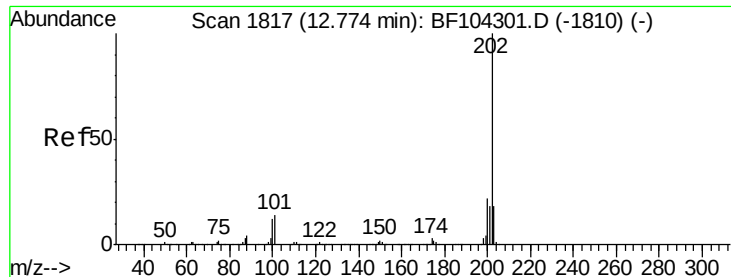
Delta R.T. -0.01 min

Lab File: BF104948.D

Acq: 30 Apr 2018 22:07

Tgt Ion:	240	Resp:	220985
Ion Ratio	Lower	Upper	
240	100		
120	12.0	9.5	14.3
236	25.4	20.7	31.1





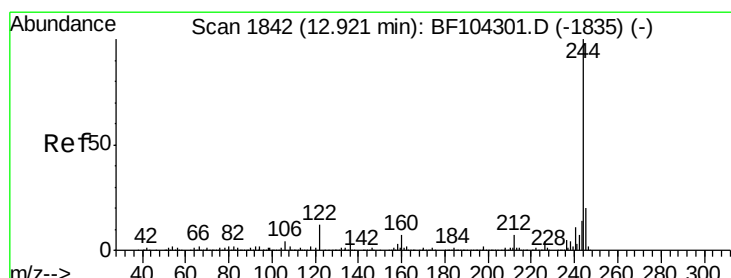
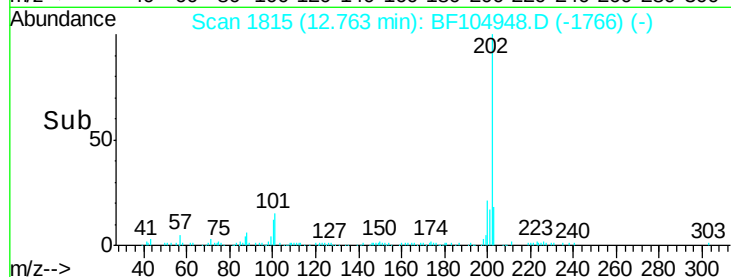
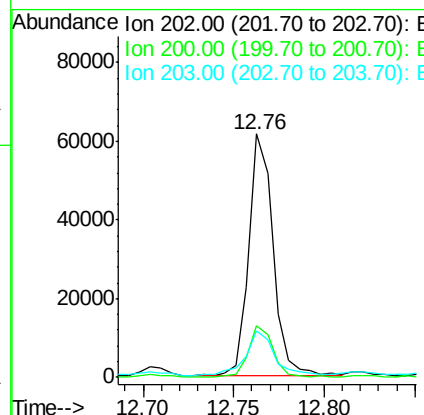
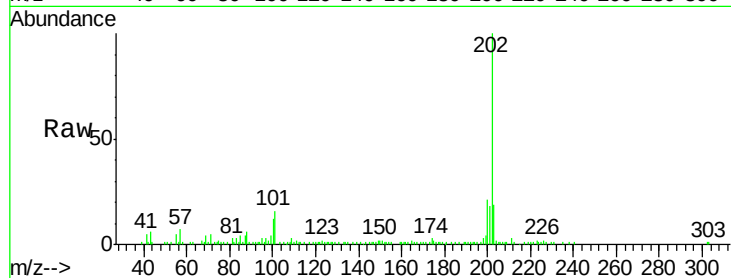
#77
Pvrene
Concen: 3.479 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF104948.D
Acq: 30 Apr 2018 22:07

Instrument :
BNA_F
ClientSampleId :
OK-02-042718

Tot Ion:	202	Resp:	56993
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	19.2	14.3	21.5

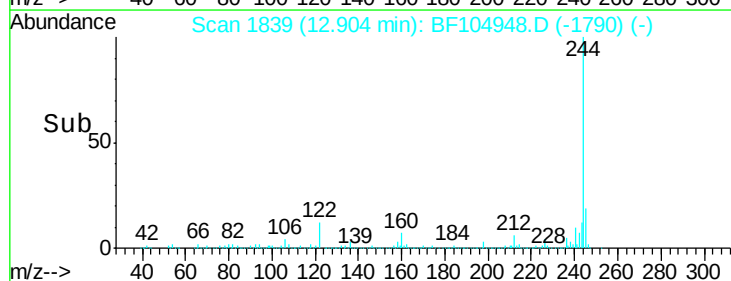
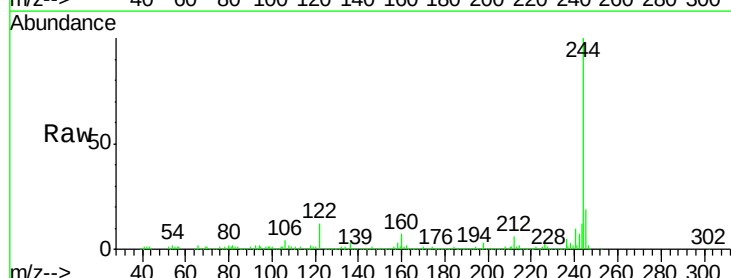
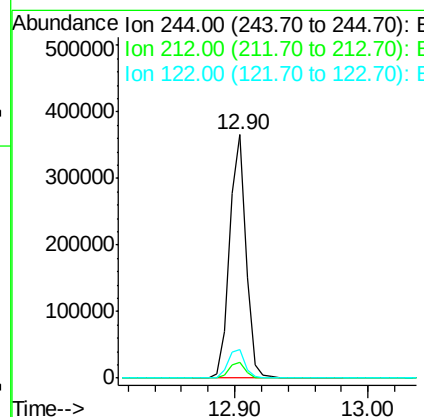
Manual Integrations
APPROVED

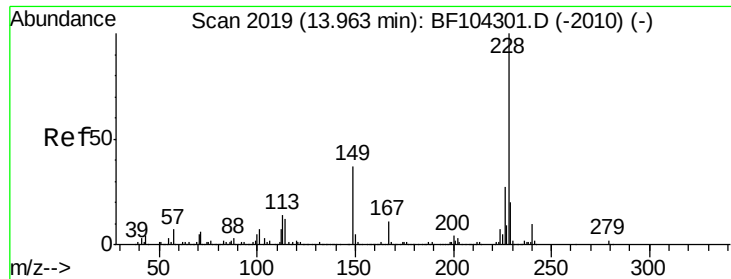
Sohil
5/1/2018 7:05:49 PM



#78
Terphenyl-d14
Concen: 32.867 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF104948.D
Acq: 30 Apr 2018 22:07

Tgt Ion:	244	Resp:	318583
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.4	8.0
122	11.7	11.0	16.4





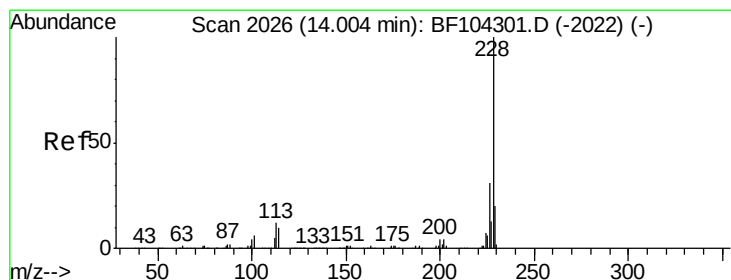
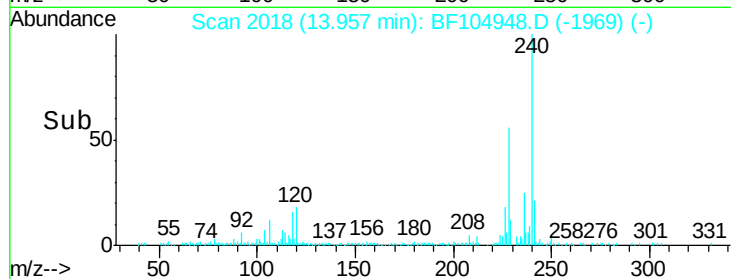
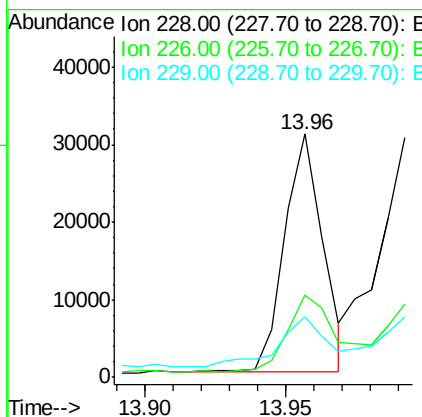
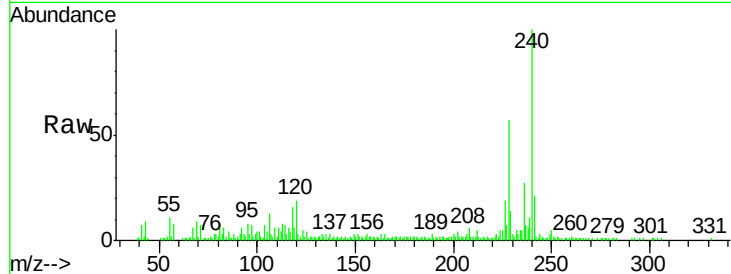
#80
Benzo(a)anthracene
Concen: 2.196 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF104948.D
Acq: 30 Apr 2018 22:07

Instrument :
BNA_F
ClientSampleId :
OK-02-042718

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.7	22.6	33.8
229	24.7	15.8	23.6

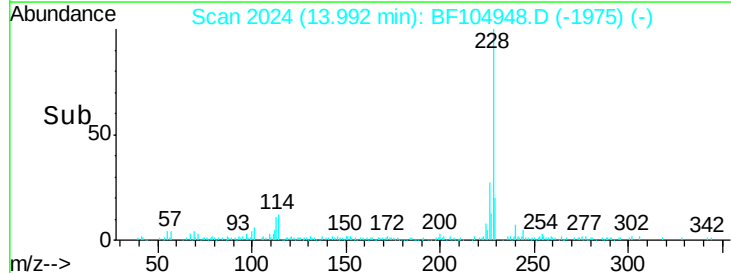
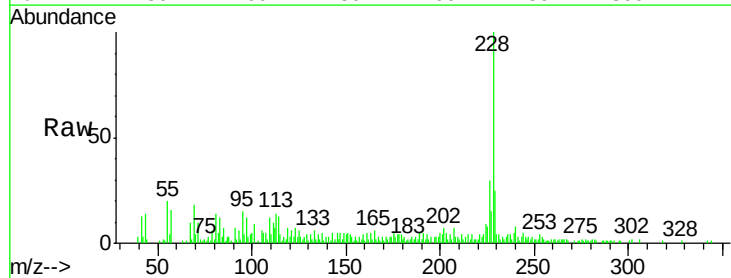
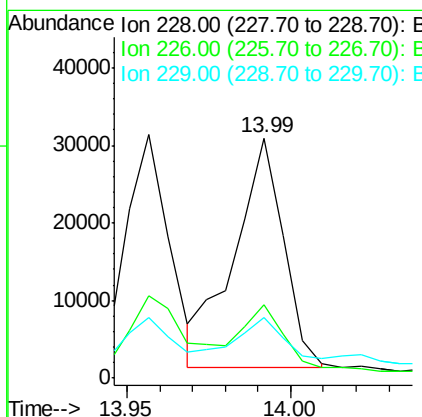
Manual Integrations
APPROVED

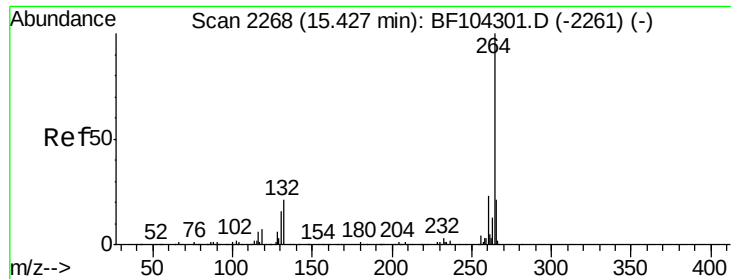
Sohil
5/1/2018 7:05:49 PM



#82
Chrysene
Concen: 2.297 ng m
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF104948.D
Acq: 30 Apr 2018 22:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	25.1	16.2	24.4





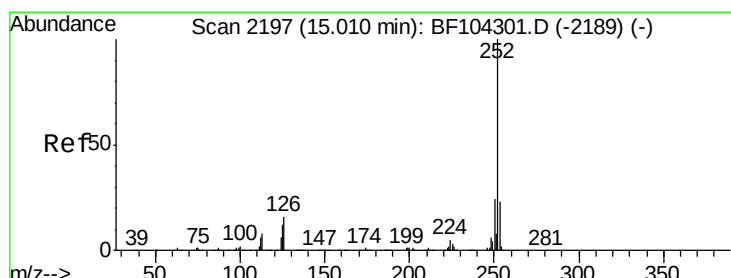
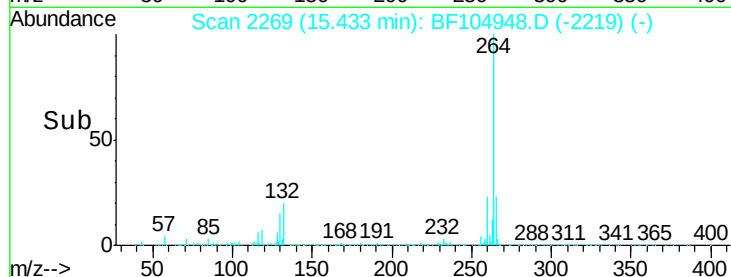
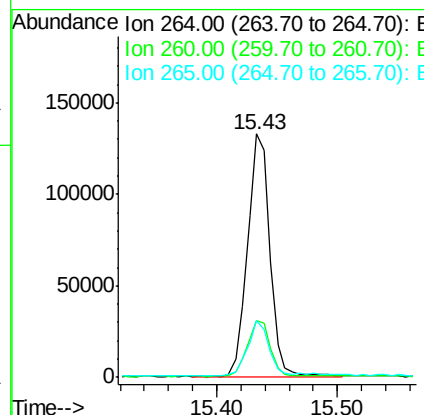
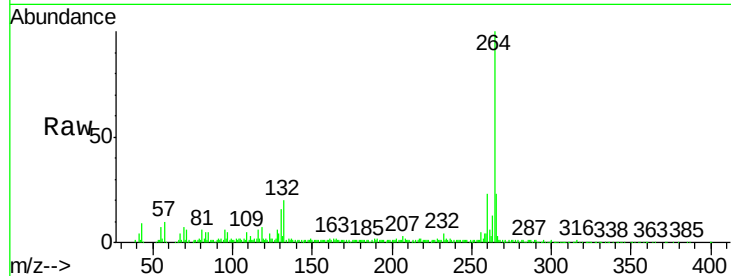
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF104948.D
Acq: 30 Apr 2018 22:07

Instrument :
BNA_F
ClientSampleId :
OK-02-042718

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	23.1	17.5	26.3

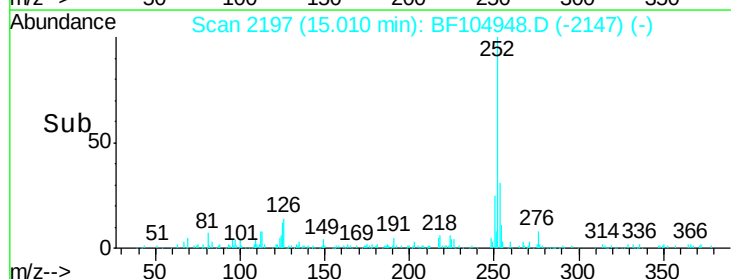
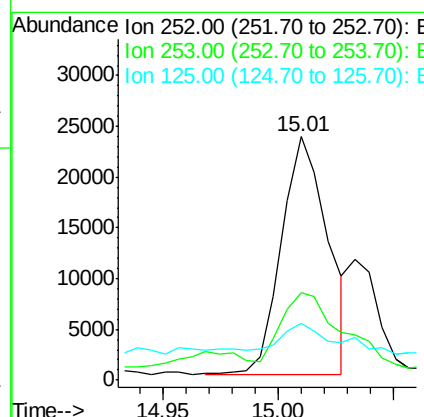
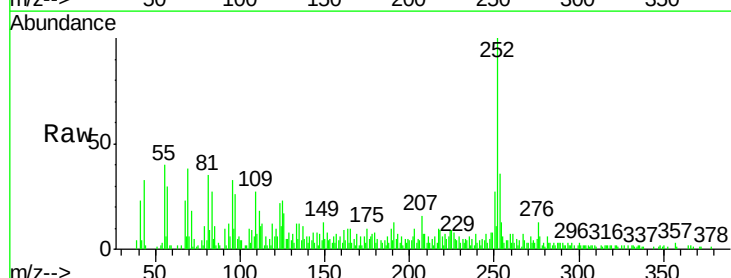
Manual Integrations
APPROVED

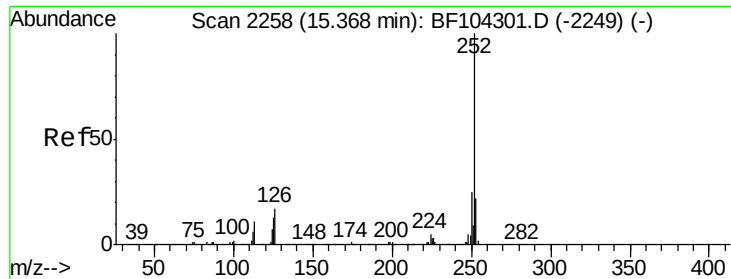
Sohil
5/1/2018 7:05:49 PM



#87
Benzo(b)fluoranthene
Concen: 3.031 ng m
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF104948.D
Acq: 30 Apr 2018 22:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.7	17.0	25.6#
125	23.1	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 2.407 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF104948.D

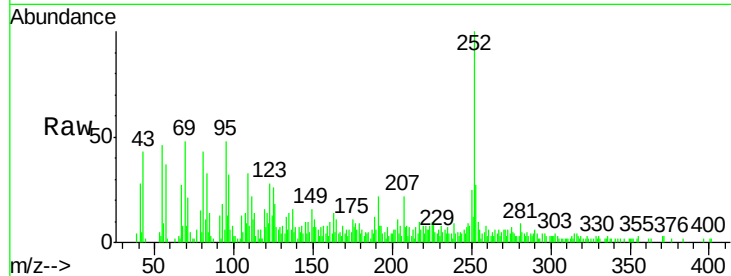
Acq: 30 Apr 2018 22:07

Instrument :

BNA_F

ClientSampleId :

OK-02-042718



Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.1	25.7#
125	25.7	9.8	14.6#

Manual Integrations
APPROVED

Sohil
5/1/2018 7:05:49 PM

