

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103704.D
 Acq On : 16 Mar 2018 18:53
 Operator : JU/SJ
 Sample : J1757-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-031418-B

Manual Integrations
 APPROVED

Sohil
 3/19/2018 2:01:03 PM

Quant Time: Mar 17 02:07:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	178369	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	720290	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	319079	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	497581	20.00	ng	0.00
75) Chrysene-d12	14.15	240	325808	20.00	ng	0.00
86) Perylene-d12	15.68	264	315112	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1136576	96.92	ng	0.01
7) Phenol-d6	6.59	99	1422113	99.12	ng	0.00
23) Nitrobenzene-d5	7.53	82	858247	83.09	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	279407	101.84	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1274207	63.70	ng	0.00
78) Terphenyl-d14	13.09	244	945616	67.37	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	94089	3.865	ng	98
70) Phenanthrene	11.52	178	124691	4.581	ng	99
74) Fluoranthene	12.72	202	106724	3.806	ng	99
77) Pyrene	12.95	202	122971	5.139	ng	99
80) Benzo(a)anthracene	14.14	228	50184m	2.433	ng	
82) Chrysene	14.17	228	50060	2.546	ng	96
87) Benzo(b)fluoranthene	15.22	252	49847m	2.504	ng	
89) Benzo(a)pyrene	15.61	252	40740	2.256	ng	# 80

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

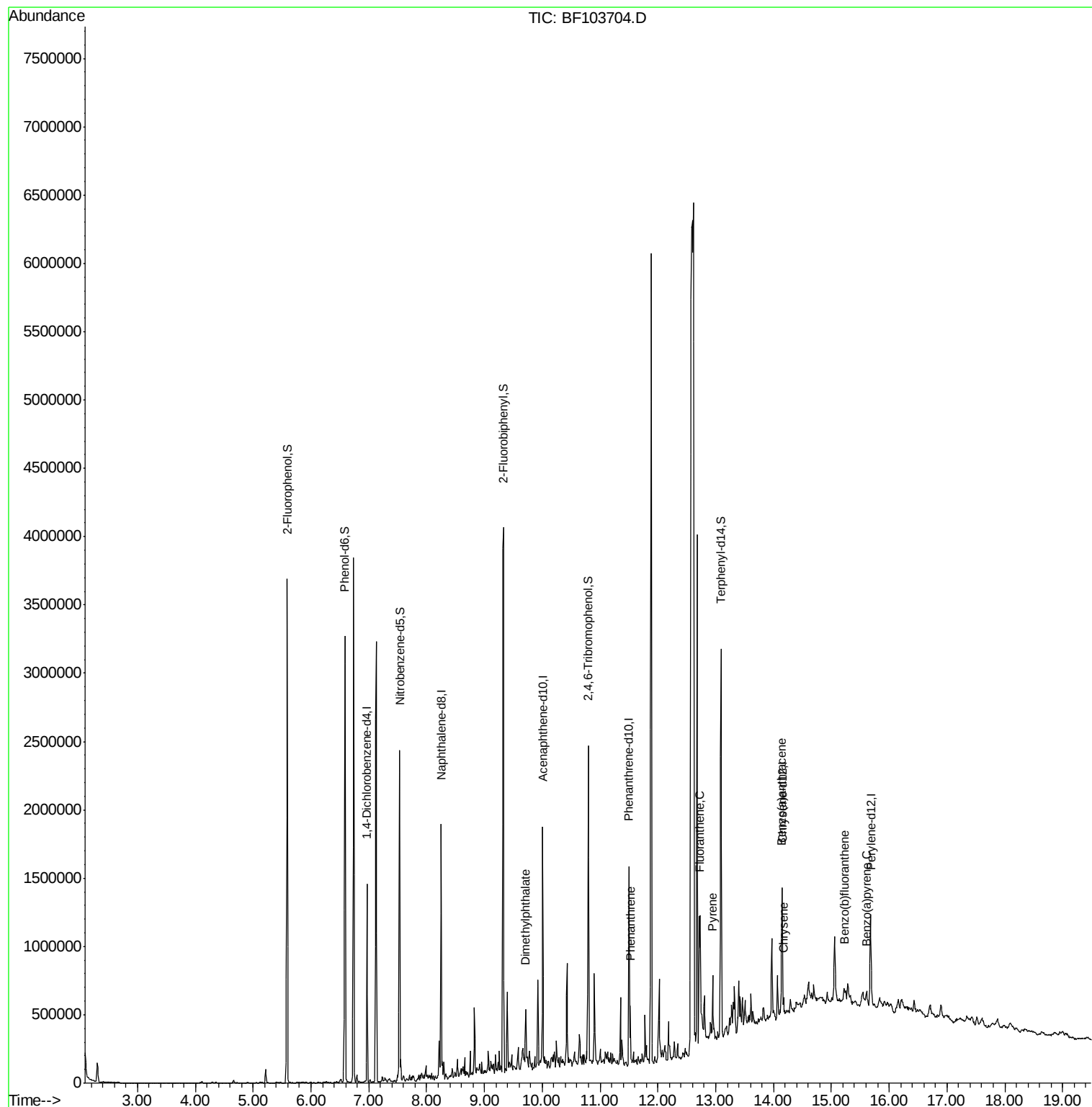
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103704.D
Acq On : 16 Mar 2018 18:53
Operator : JU/SJ
Sample : J1757-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

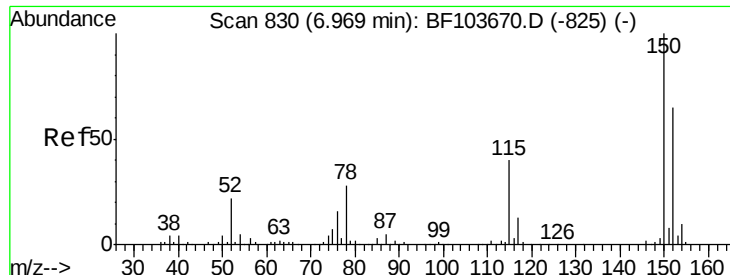
Instrument :
BNA_F
ClientSampleId :
EO-01-031418-B

Manual Integrations
APPROVED

Sohil
3/19/2018 2:01:03 PM

Quant Time: Mar 17 02:07:17 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration





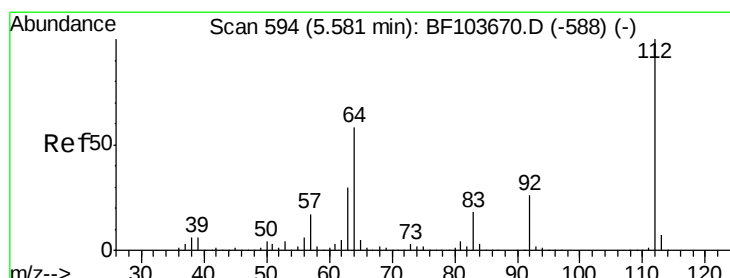
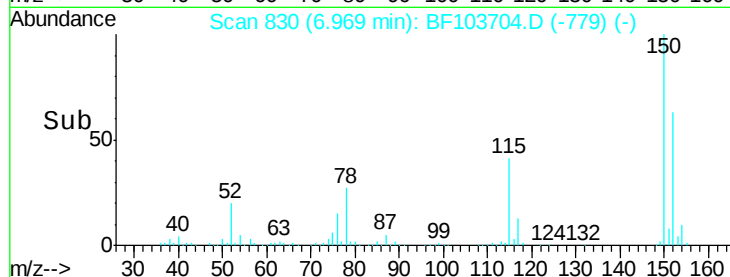
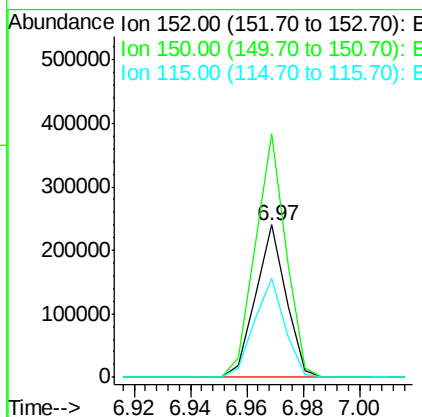
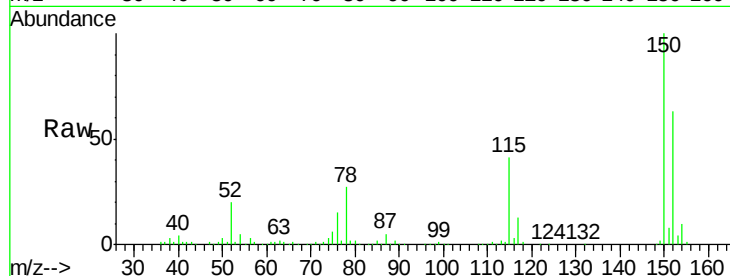
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF103704.D
 Acq: 16 Mar 2018 18:53

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-031418-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	65.4	50.1	75.1

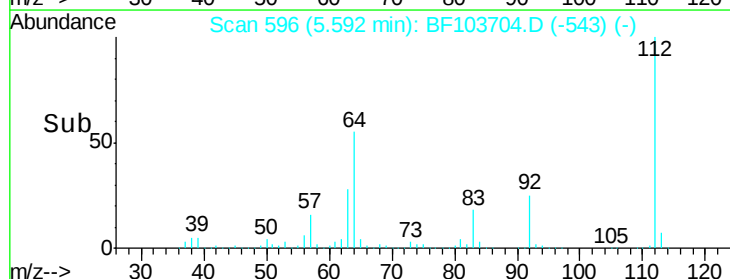
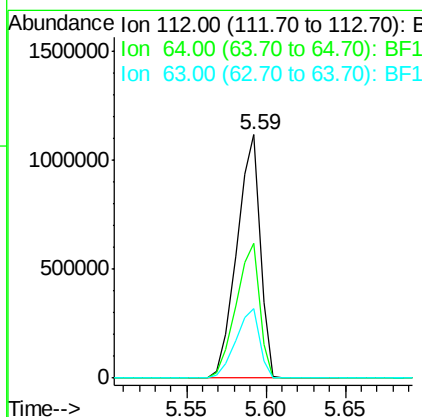
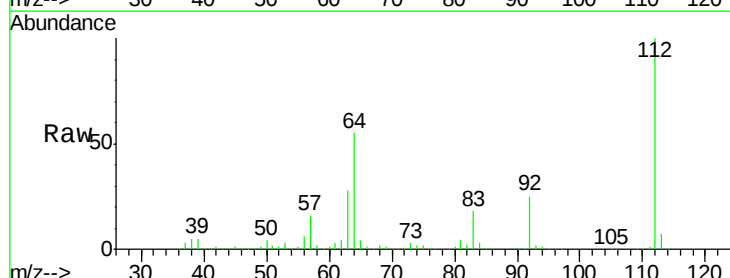
Manual Integrations
 APPROVED

Sohil
 3/19/2018 2:01:03 PM



#5
 2-Fluorophenol
 Concen: 96.918 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF103704.D
 Acq: 16 Mar 2018 18:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	28.3	23.7	35.5





#7

Phenol-d6

Concen: 99.120 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF103704.D

Acq: 16 Mar 2018 18:53

Instrument :

BNA_F

ClientSampleId :

EO-01-031418-B

Tot Ion: 99 Resp: 1422113

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

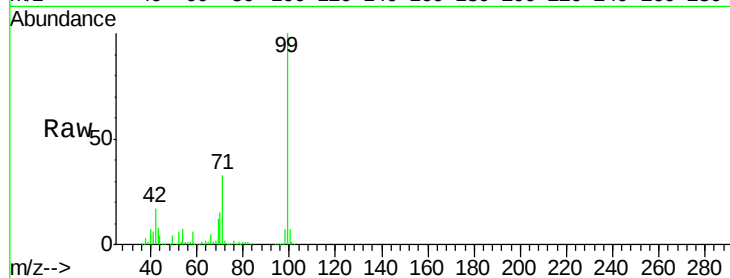
71 32.5 25.4 38.0

Manual Integrations

APPROVED

Sohil

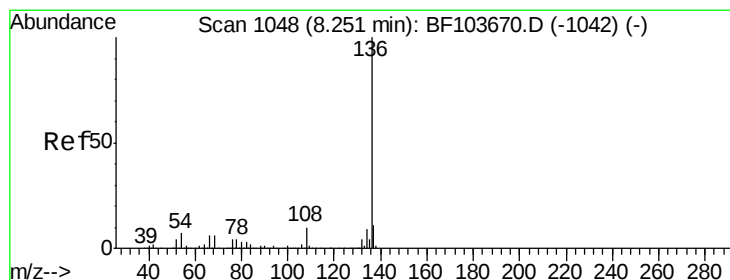
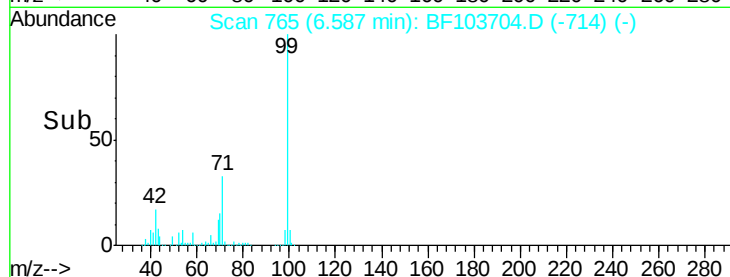
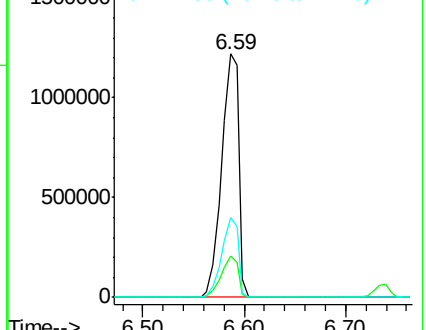
3/19/2018 2:01:03 PM



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF103704.D

Acq: 16 Mar 2018 18:53

Tgt Ion: 136 Resp: 720290

Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.1 6.6 9.8

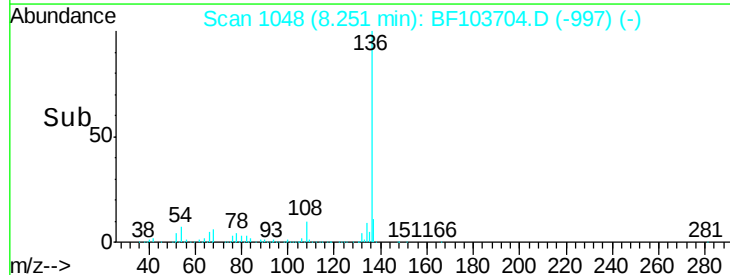
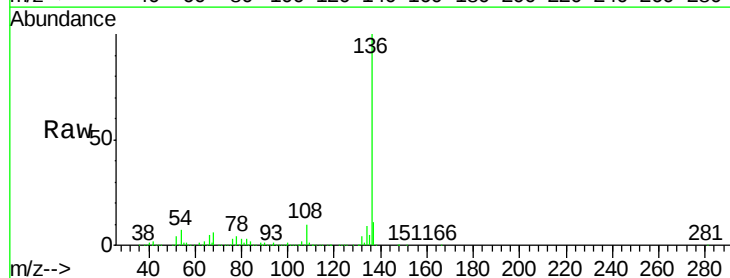
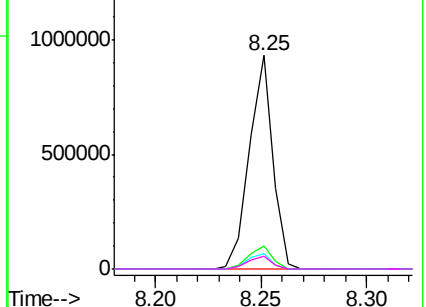
68 6.2 5.0 7.4

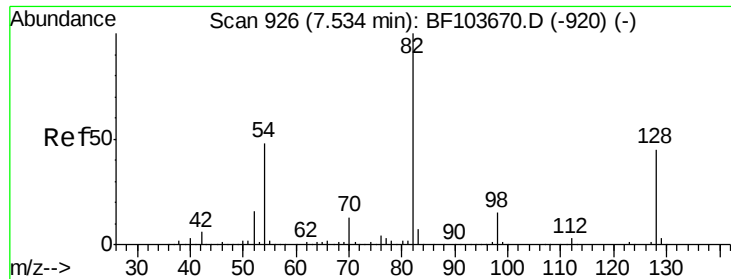
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





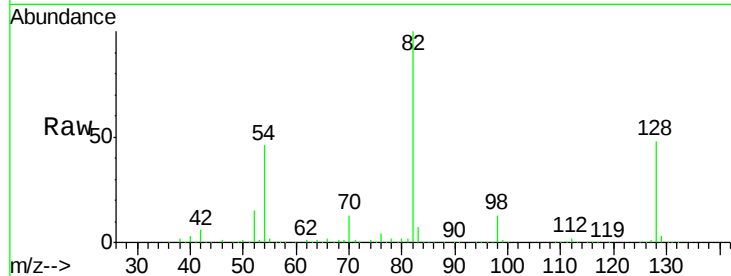
#23
Nitrobenzene-d5
Concen: 83.092 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF103704.D
Acq: 16 Mar 2018 18:53

Instrument :
BNA_F
ClientSampleId :
EO-01-031418-B

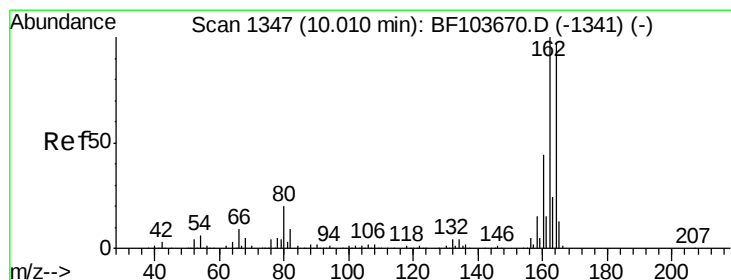
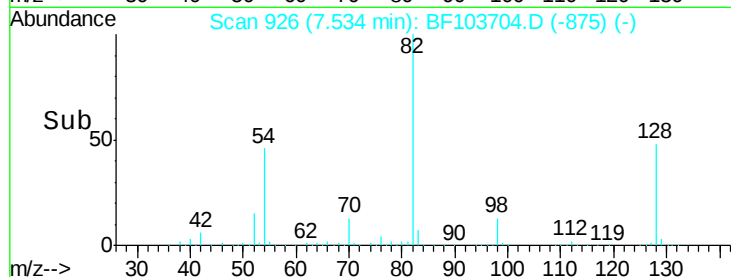
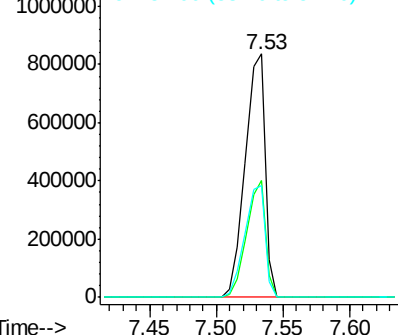
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	45.8	41.4	62.2

Manual Integrations
APPROVED

Sohil
3/19/2018 2:01:03 PM

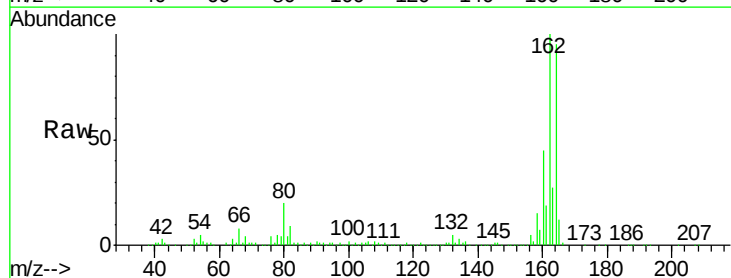


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

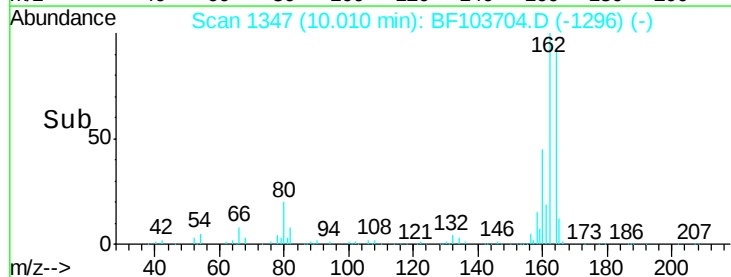
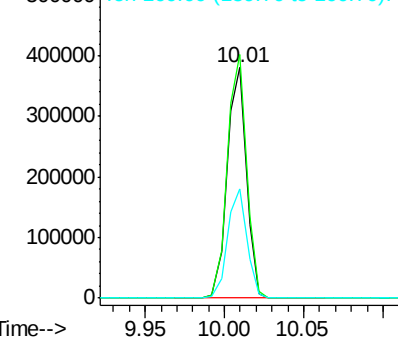


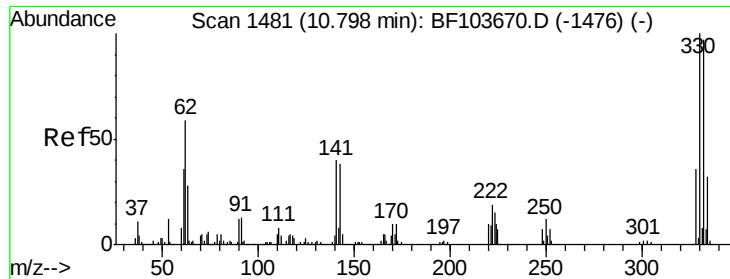
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF103704.D
Acq: 16 Mar 2018 18:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	47.6	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





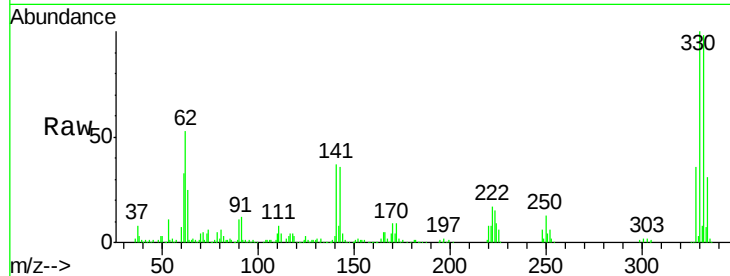
#41
 2,4,6-Tribromophenol
 Concen: 101.845 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF103704.D
 Acq: 16 Mar 2018 18:53

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-031418-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	36.2	29.9	44.9

Manual Integrations
 APPROVED

Sohil
 3/19/2018 2:01:03 PM

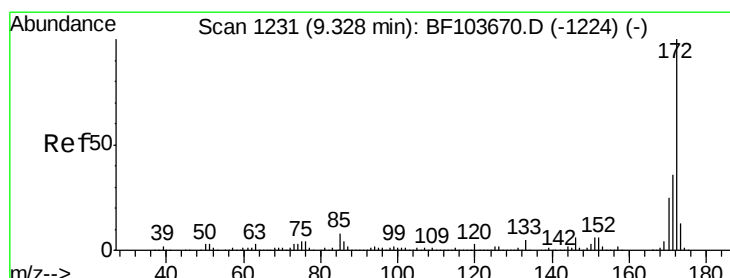
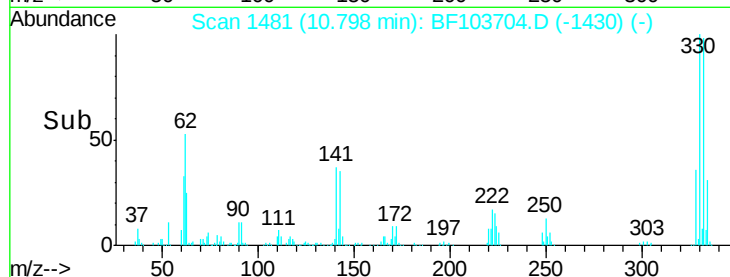
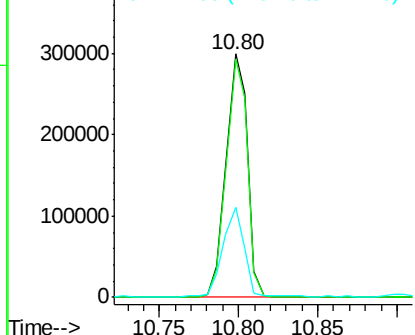


Abundance

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: 63.701 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103704.D
 Acq: 16 Mar 2018 18:53

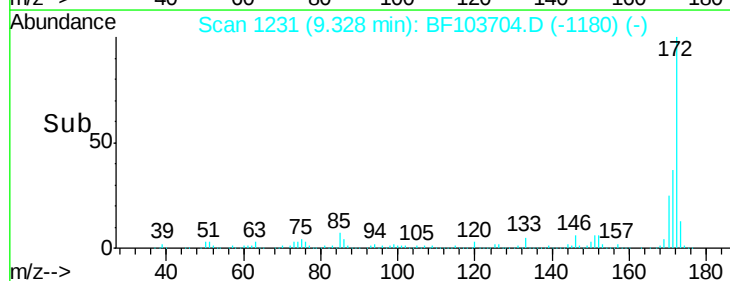
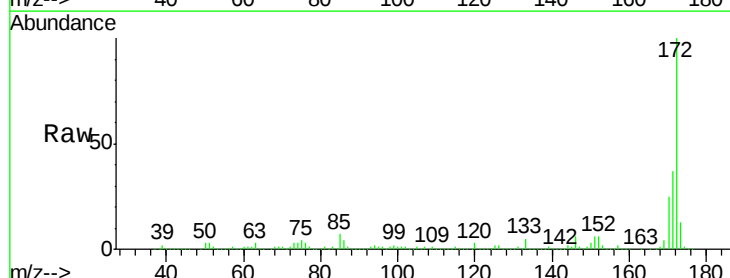
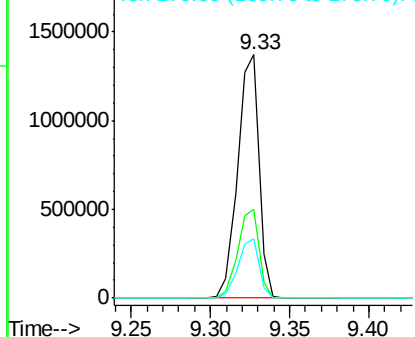
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.6	19.6	29.4

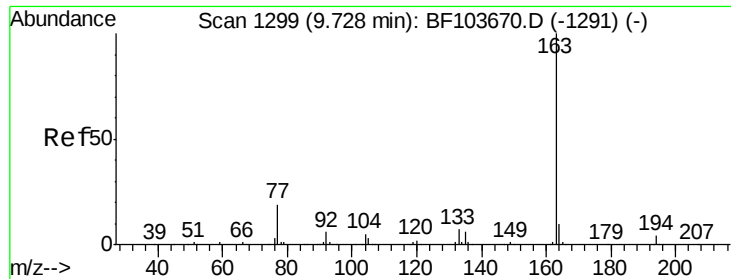
Abundance

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





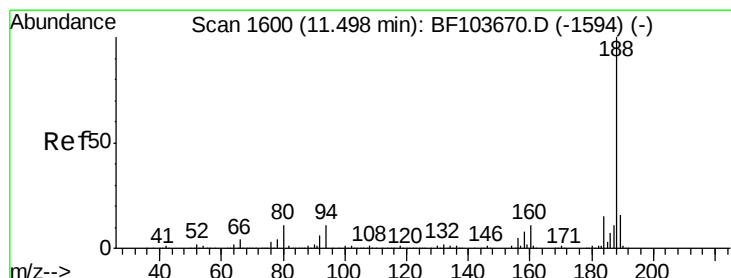
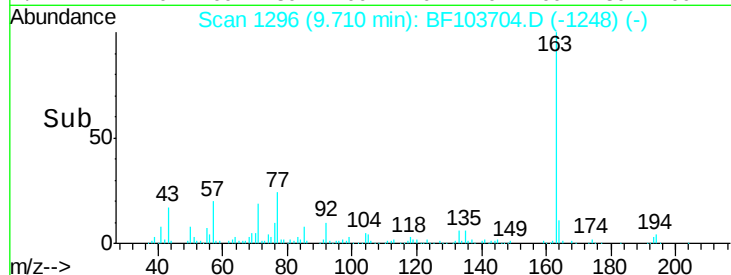
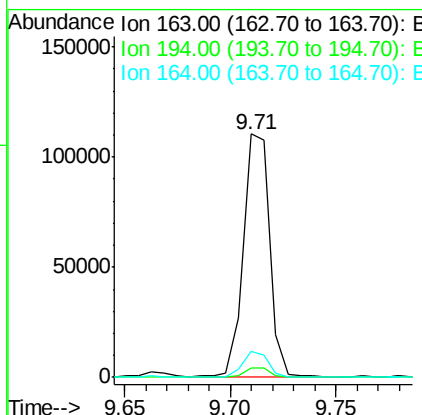
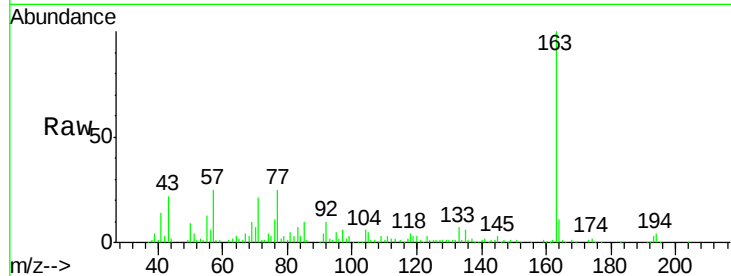
#49
Dimethylphthalate
Concen: 3.865 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF103704.D
Acq: 16 Mar 2018 18:53

Instrument :
BNA_F
ClientSampleId :
EO-01-031418-B

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.9	8.2	12.2

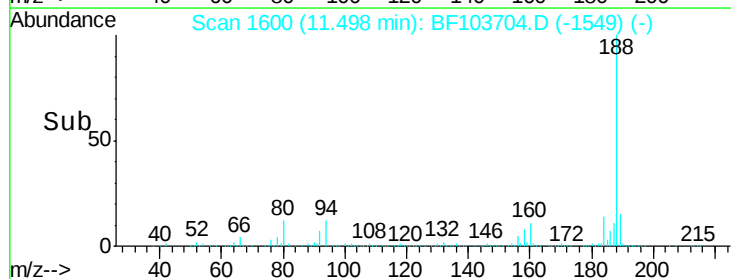
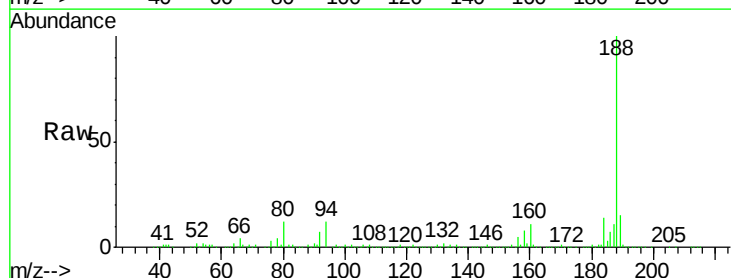
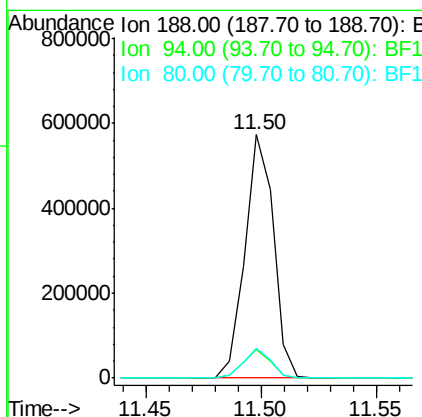
Manual Integrations
APPROVED

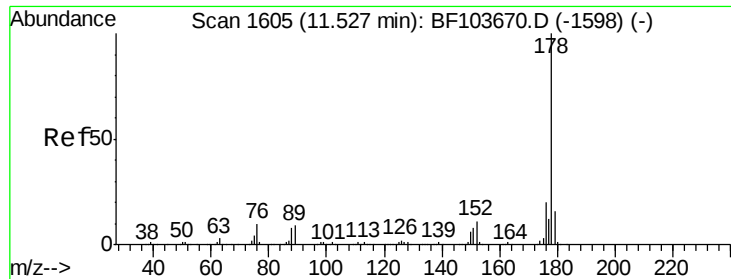
Sohil
3/19/2018 2:01:03 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF103704.D
Acq: 16 Mar 2018 18:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.3	9.2	13.8





#70

Phenanthrene

Concen: 4.581 ng

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BF103704.D

Acq: 16 Mar 2018 18:53

Instrument :

BNA_F

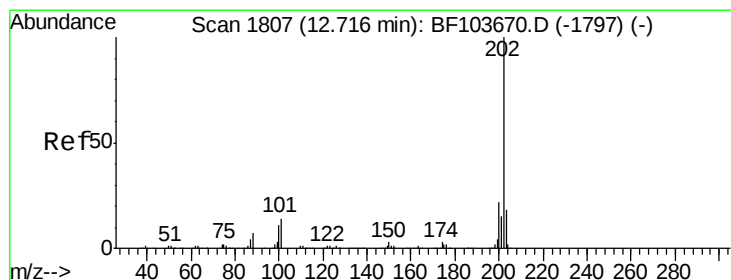
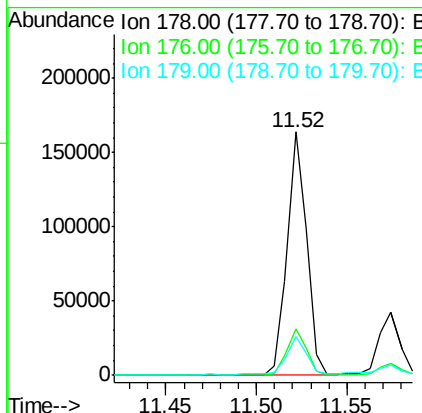
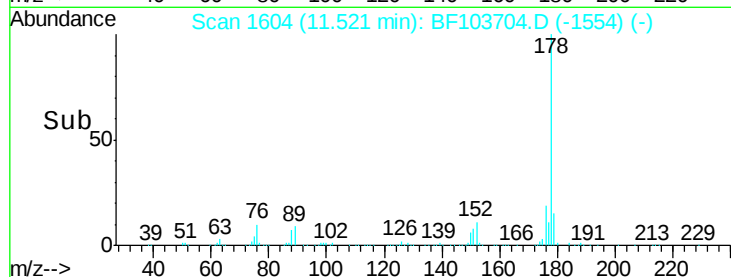
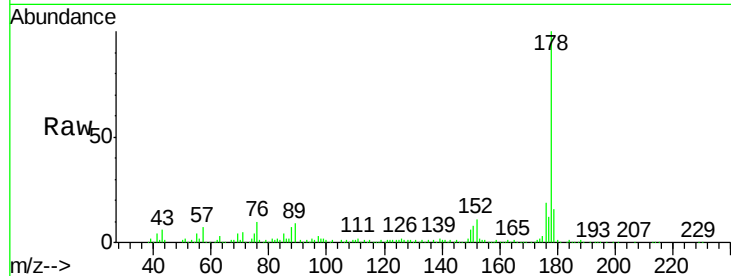
ClientSampleId :

EO-01-031418-B

Tot Ion:	178	Resp:	124691
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.8	23.8
179	15.9	13.0	19.6

Manual Integrations
APPROVED

Sohil
3/19/2018 2:01:03 PM



#74

Fluoranthene

Concen: 3.806 ng

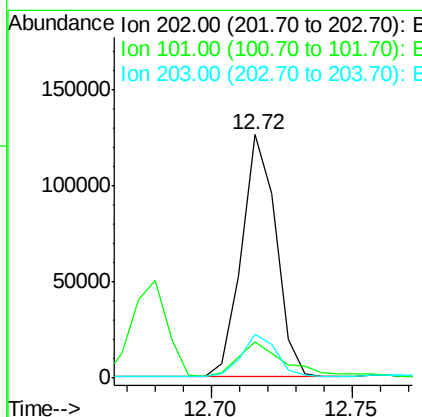
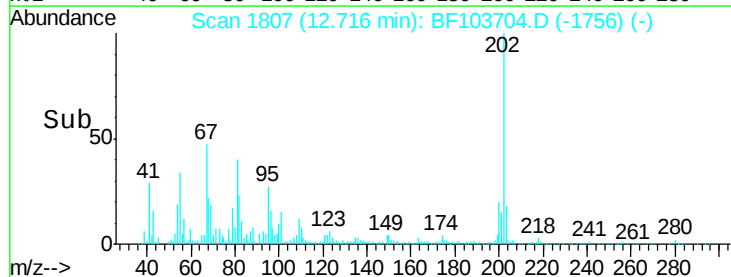
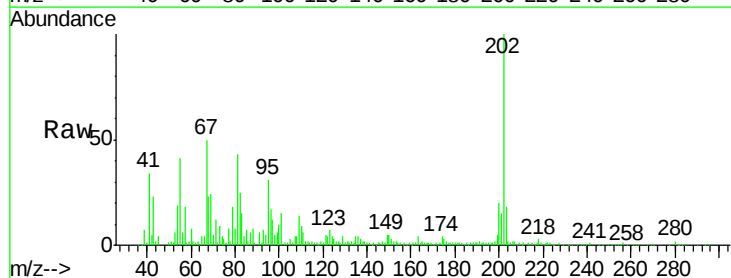
RT: 12.72 min Scan# 1807

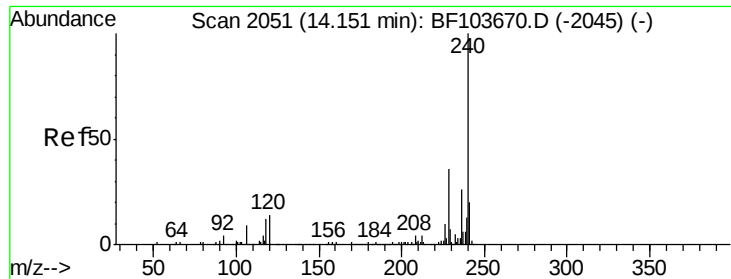
Delta R.T. -0.00 min

Lab File: BF103704.D

Acq: 16 Mar 2018 18:53

Tgt Ion:	202	Resp:	106724
Ion Ratio	Lower	Upper	
202	100		
101	14.9	0.0	34.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF103704.D

Acq: 16 Mar 2018 18:53

Instrument :

BNA_F

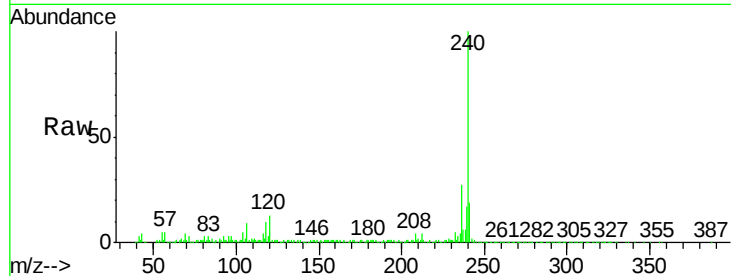
ClientSampleId :

EO-01-031418-B

Tot Ion:	240	Resp:	325808
Ion Ratio	Lower	Upper	
240	100		
120	12.6	9.5	14.3
236	26.5	20.7	31.1

Manual Integrations
APPROVED

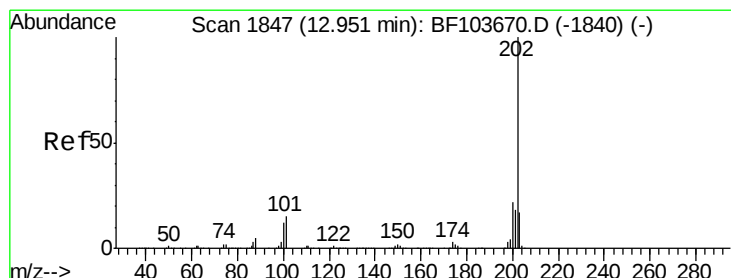
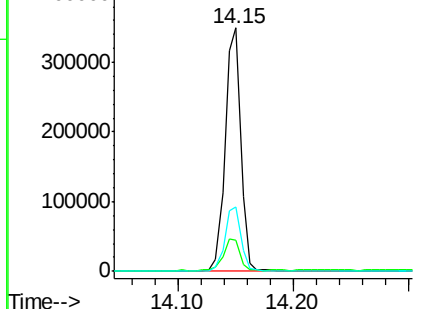
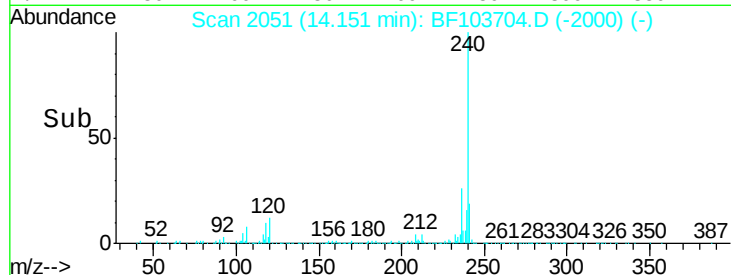
Sohil
3/19/2018 2:01:03 PM



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

Pyrene

Concen: 5.139 ng

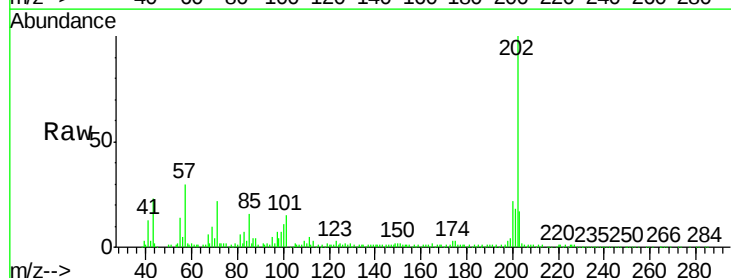
RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BF103704.D

Acq: 16 Mar 2018 18:53

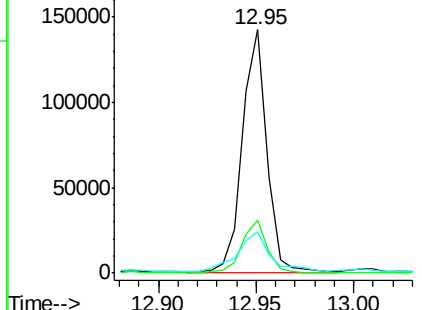
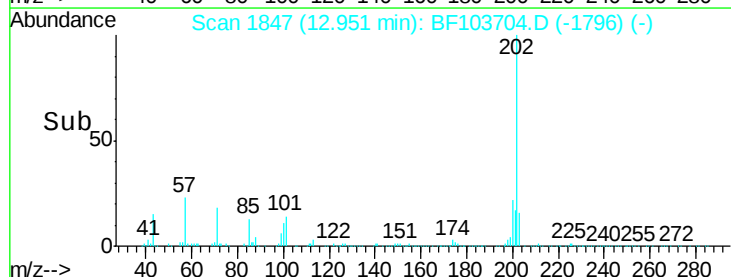
Tgt Ion:	202	Resp:	122971
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	17.2	14.3	21.5

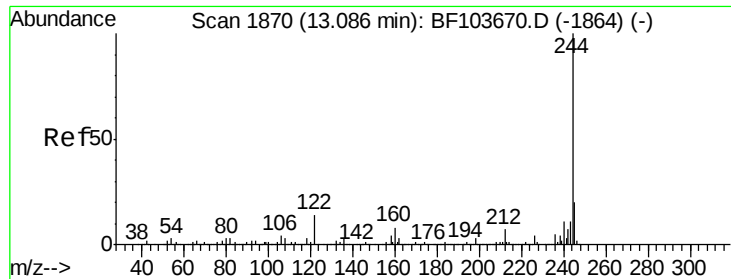


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 67.368 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF103704.D

Acq: 16 Mar 2018 18:53

Instrument :

BNA_F

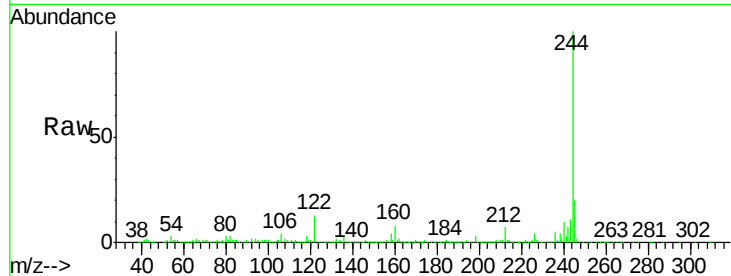
ClientSampleId :

EO-01-031418-B

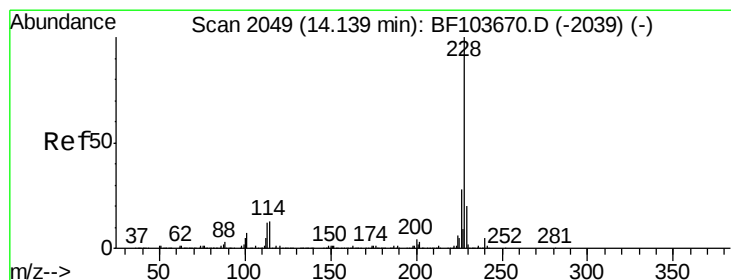
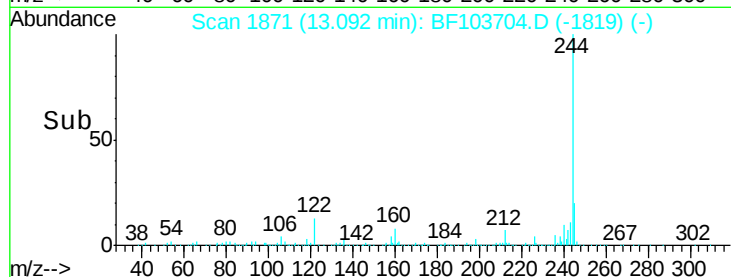
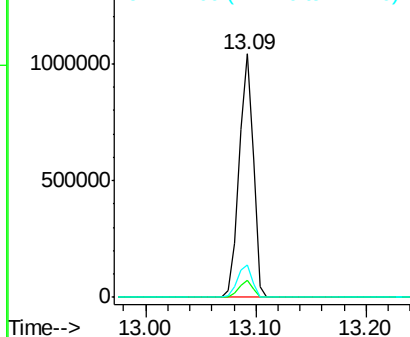
Tot Ion:	244	Resp:	945616
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	13.2	11.0	16.4

Manual Integrations
APPROVED

Sohil
3/19/2018 2:01:03 PM



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



#80

Benzo(a)anthracene

Concen: 2.433 ng m

RT: 14.14 min Scan# 2049

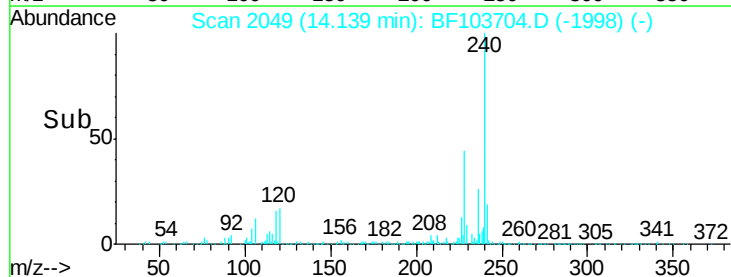
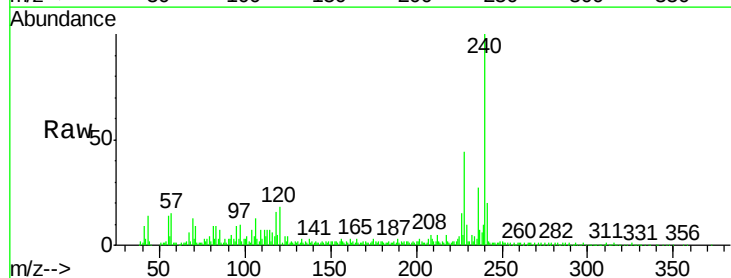
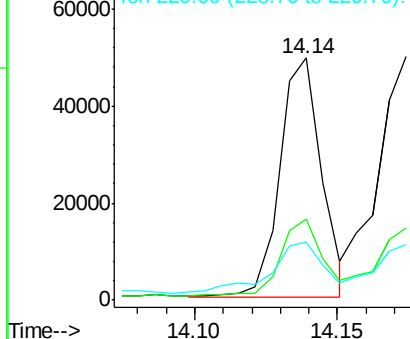
Delta R.T. -0.00 min

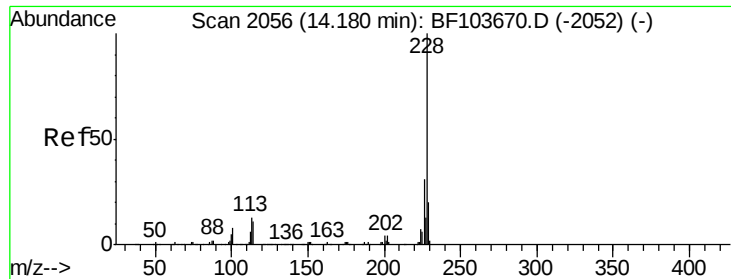
Lab File: BF103704.D

Acq: 16 Mar 2018 18:53

Tgt Ion:	228	Resp:	50184
Ion Ratio	Lower	Upper	
228	100		
226	33.4	22.6	33.8
229	23.7	15.8	23.6#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





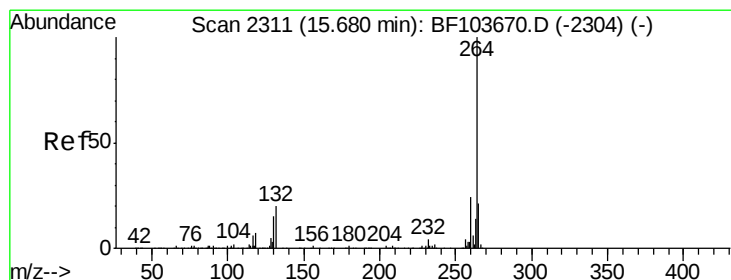
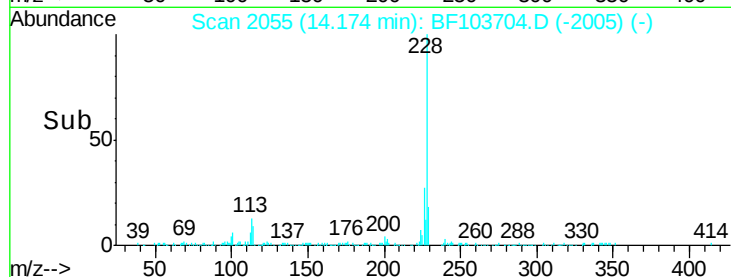
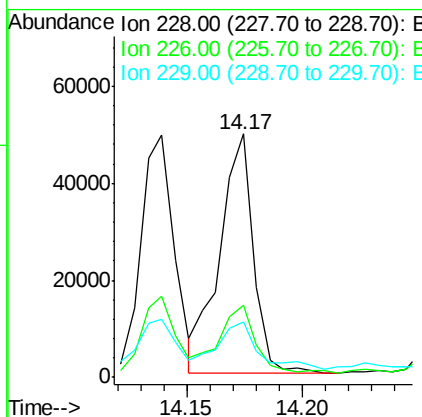
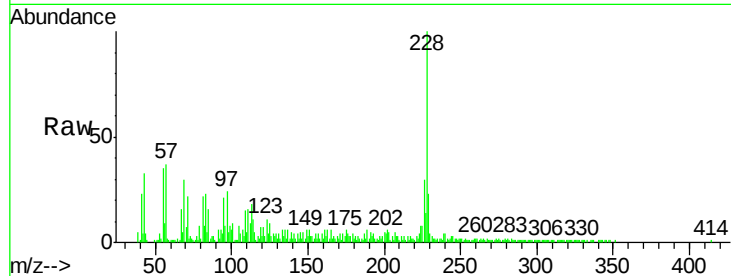
#82
Chrysene
Concen: 2.546 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BF103704.D
Acq: 16 Mar 2018 18:53

Instrument :
BNA_F
ClientSampleId :
EO-01-031418-B

Tot Ion:	228	Resp:	50060
Ion Ratio	Lower	Upper	
228	100		
226	29.7	25.0	37.6
229	22.5	16.2	24.4

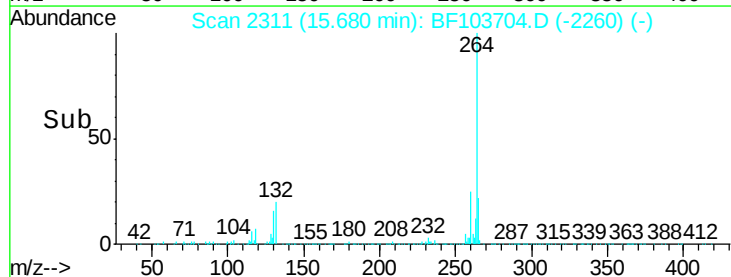
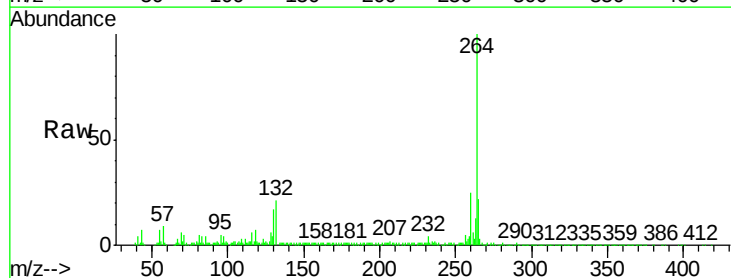
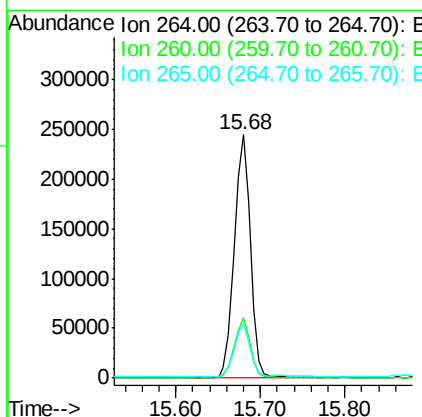
Manual Integrations
APPROVED

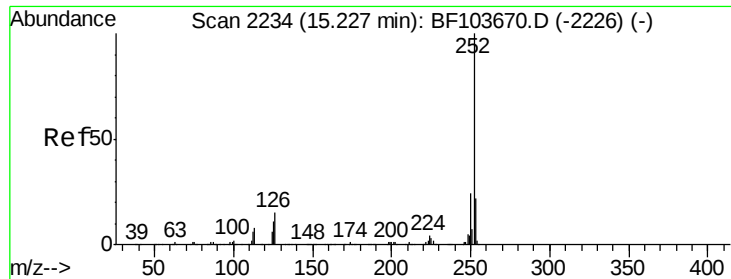
Sohil
3/19/2018 2:01:03 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BF103704.D
Acq: 16 Mar 2018 18:53

Tgt Ion:	264	Resp:	315112
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.2	28.8
265	22.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.504 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF103704.D

Acq: 16 Mar 2018 18:53

Instrument :

BNA_F

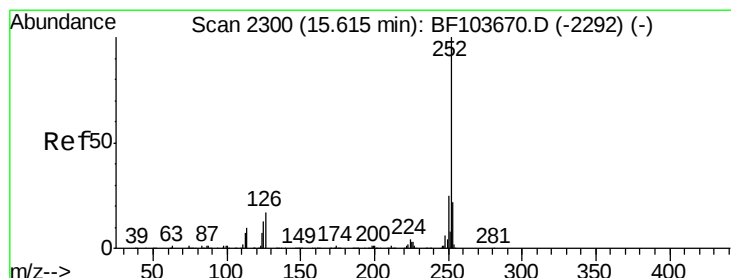
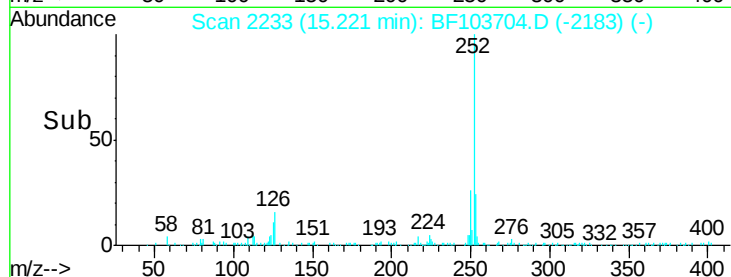
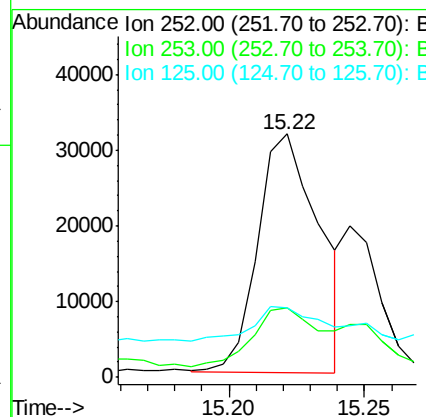
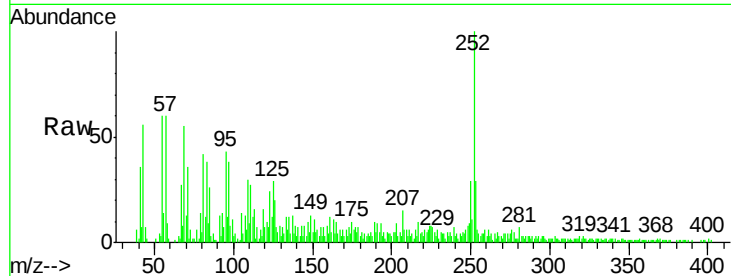
ClientSampleId :

EO-01-031418-B

Tot Ion:	252	Resp:	49847
Ion Ratio	Lower	Upper	
252	100		
253	28.8	17.0	25.6#
125	28.6	9.0	13.6#

Manual Integrations
APPROVED

Sohil
3/19/2018 2:01:03 PM



#89

Benzo(a)pyrene

Concen: 2.256 ng

RT: 15.61 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BF103704.D

Acq: 16 Mar 2018 18:53

Tgt Ion:	252	Resp:	40740
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.1	25.7
125	28.5	9.8	14.6#

