

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103266.D
 Acq On : 27 Feb 2018 16:42
 Operator : SJ/JU
 Sample : J1400-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-022618-C

Manual Integrations
 APPROVED

Sohil
 2/28/2018 11:17:46 AM

Quant Time: Feb 27 17:42:12 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	143075	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	576207	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	226338	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	328030	20.00	ng	0.00
75) Chrysene-d12	14.06	240	232645	20.00	ng	0.00
86) Perylene-d12	15.56	264	170672	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	969925	102.53	ng	0.00
7) Phenol-d6	6.51	99	1150395	99.38	ng	0.00
23) Nitrobenzene-d5	7.44	82	717027	71.07	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	171525	89.53	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	956814	69.74	ng	0.00
78) Terphenyl-d14	12.99	244	647659	66.92	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	90473	4.983	ng	99
70) Phenanthrene	11.43	178	64041	3.547	ng	98
74) Fluoranthene	12.63	202	74317	4.097	ng	97
77) Pyrene	12.86	202	71156	3.923	ng	99
82) Chrysene	14.08	228	29582	2.018	ng	# 92
87) Benzo(b)fluoranthene	15.12	252	26414m	2.354	ng	

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

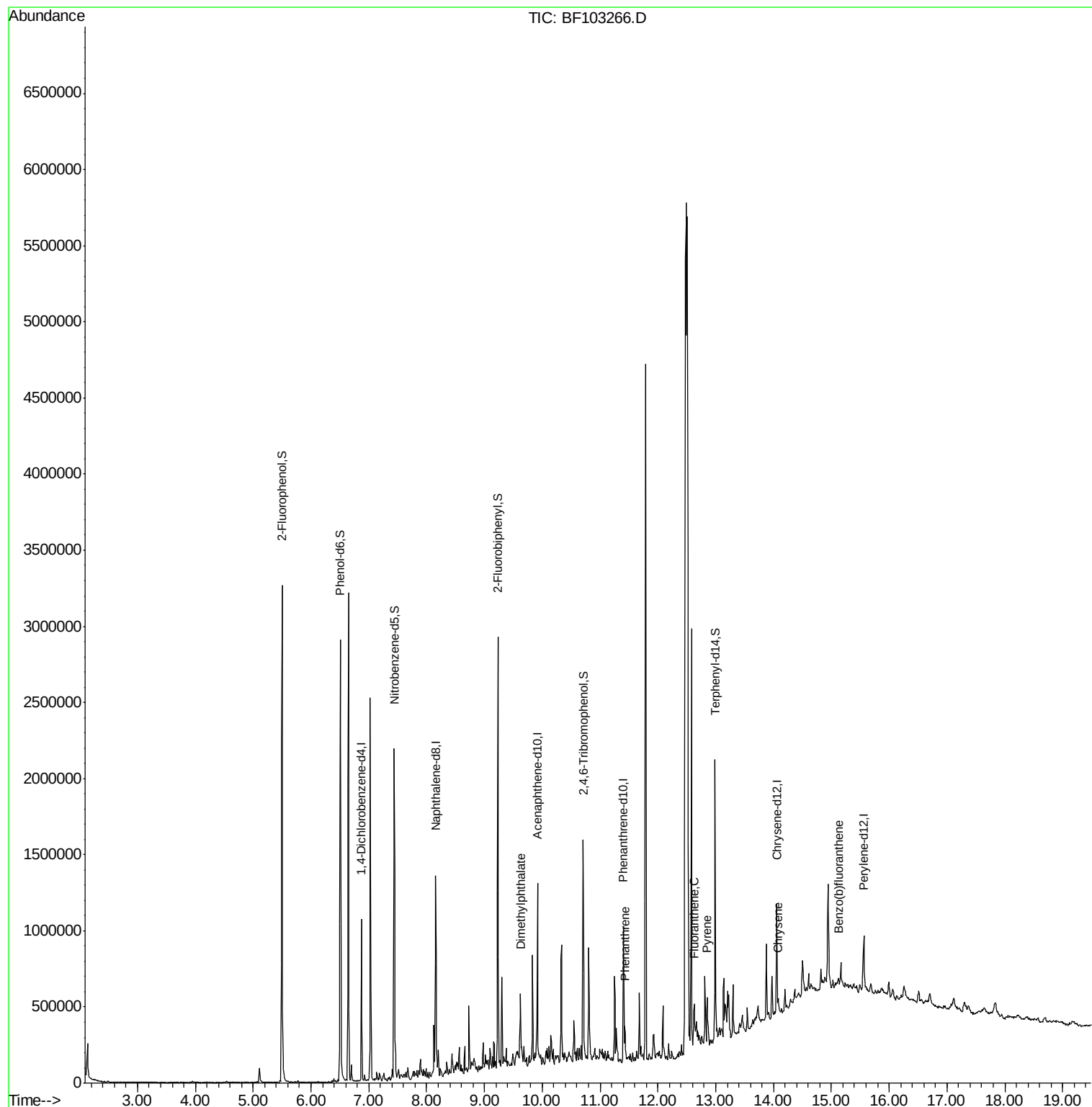
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103266.D
Acq On : 27 Feb 2018 16:42
Operator : SJ/JU
Sample : J1400-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

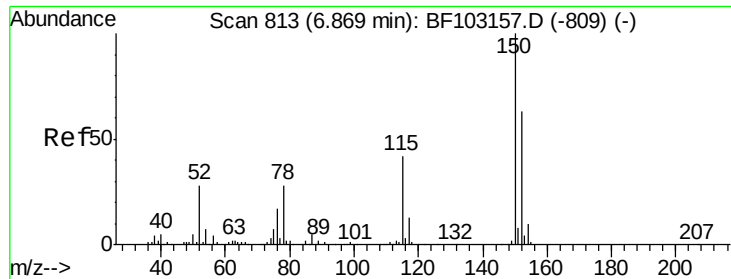
Instrument :
BNA_F
ClientSampled :
EO-02-022618-C

Manual Integrations
APPROVED

Sohil
2/28/2018 11:17:46 AM

Quant Time: Feb 27 17:42:12 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

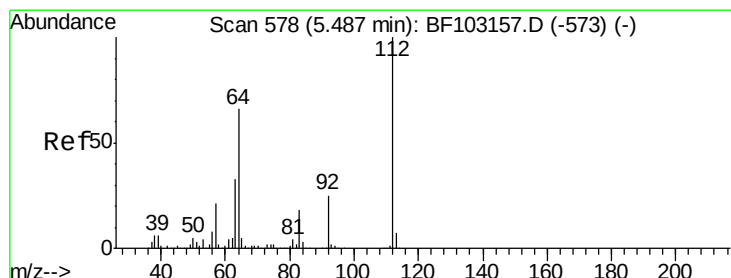
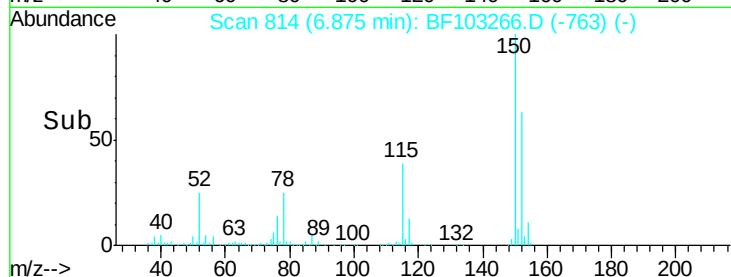
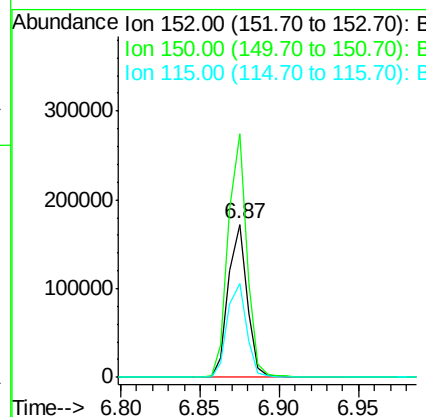
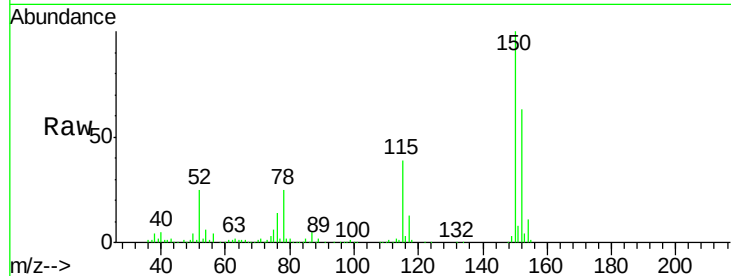
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103266.D
Acq: 27 Feb 2018 16:42

Instrument :
BNA_F
ClientSampleId :
EO-02-022618-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	61.2	50.1	75.1

Manual Integrations
APPROVED

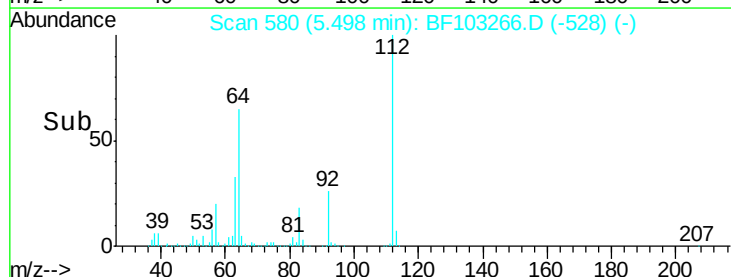
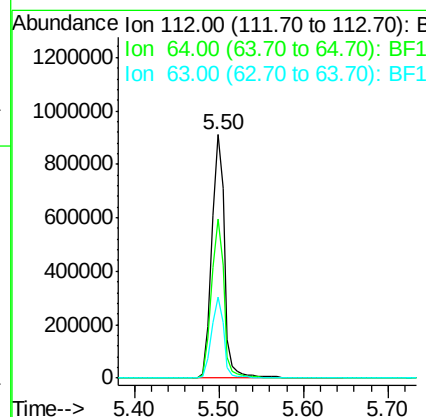
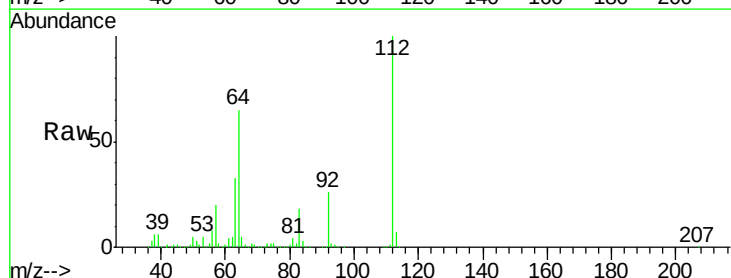
Sohil
2/28/2018 11:17:46 AM

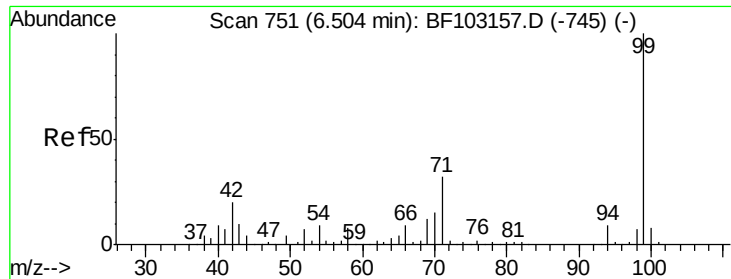


#5

2-Fluorophenol
Concen: 102.530 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103266.D
Acq: 27 Feb 2018 16:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	47.9	71.9
63	33.4	23.7	35.5





#7

Phenol-d6

Concen: 99.380 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103266.D

Acq: 27 Feb 2018 16:42

Instrument :

BNA_F

ClientSampled :

EO-02-022618-C

Tot Ion: 99 Resp: 1150395

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

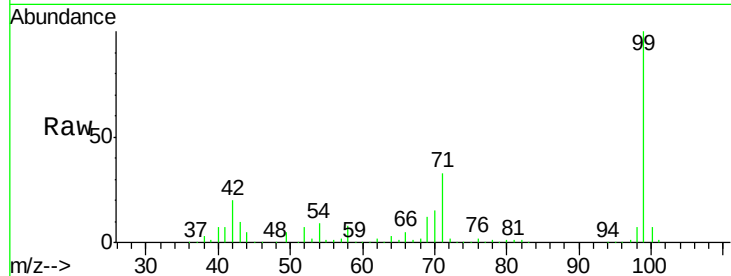
71 33.1 25.4 38.0

Manual Integrations

APPROVED

Sohil

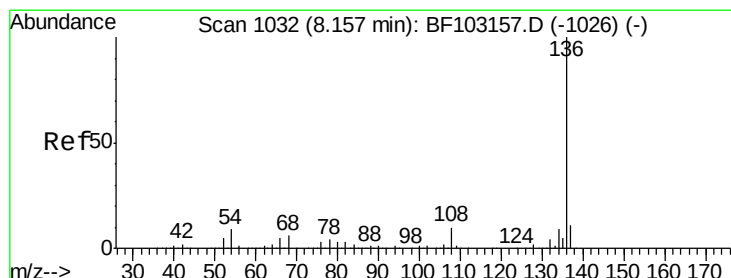
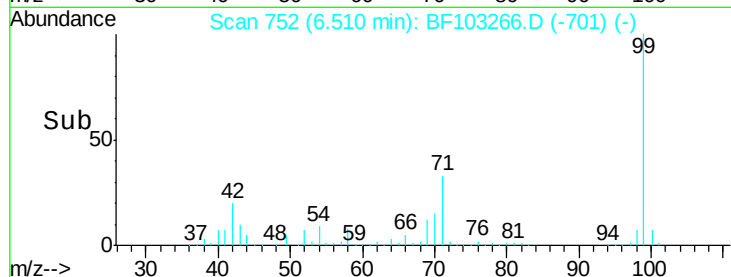
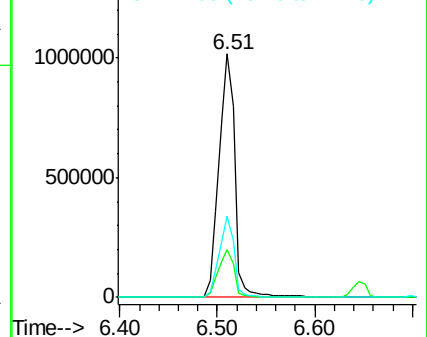
2/28/2018 11:17:46 AM



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: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103266.D

Acq: 27 Feb 2018 16:42

Tgt Ion: 136 Resp: 576207

Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.5 6.6 9.8

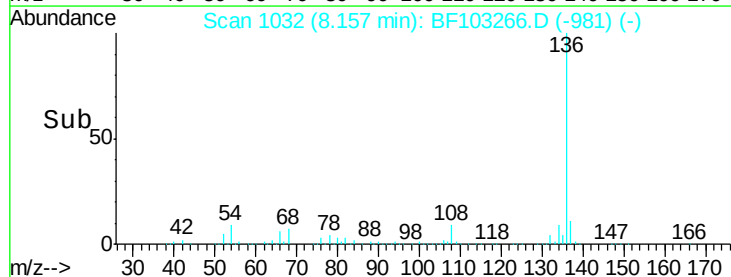
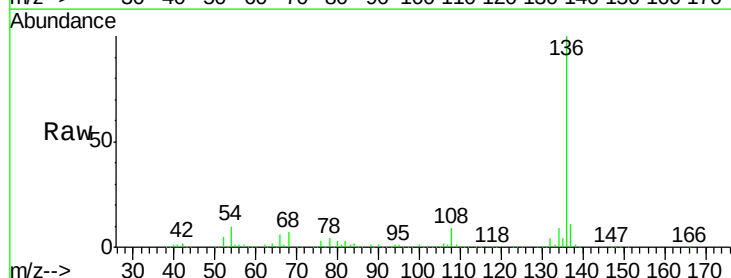
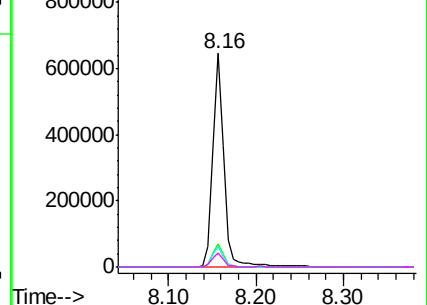
68 6.8 5.0 7.4

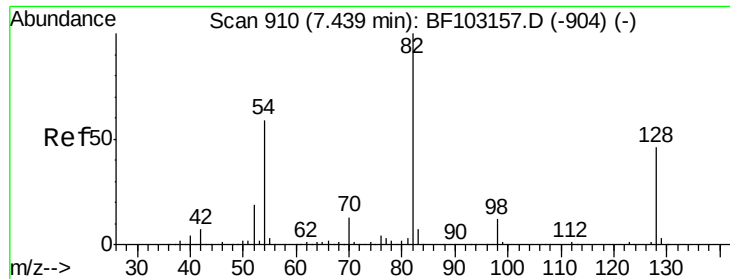
Abundance Ion 136.00 (135.70 to 136.70): E

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





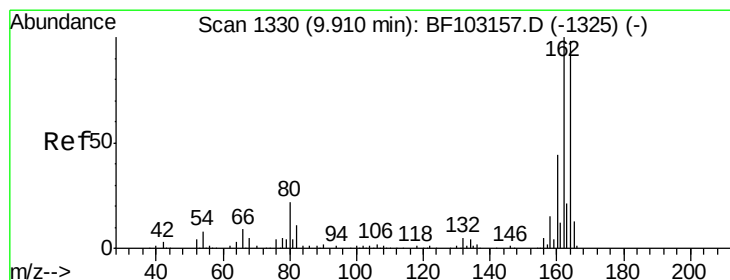
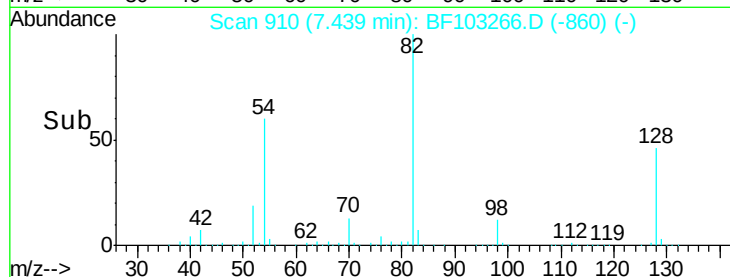
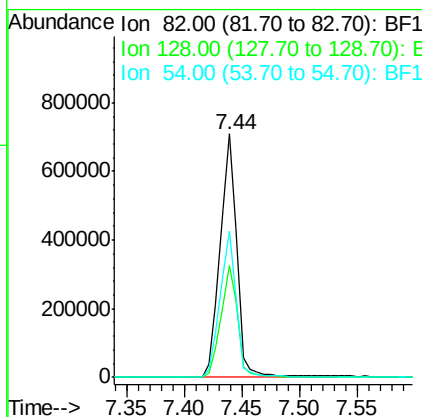
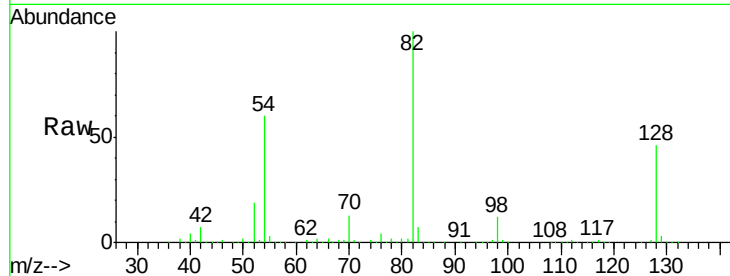
#23
Nitrobenzene-d5
Concen: 71.065 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103266.D
Acq: 27 Feb 2018 16:42

Instrument :
BNA_F
ClientSampleId :
EO-02-022618-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	59.9	41.4	62.2

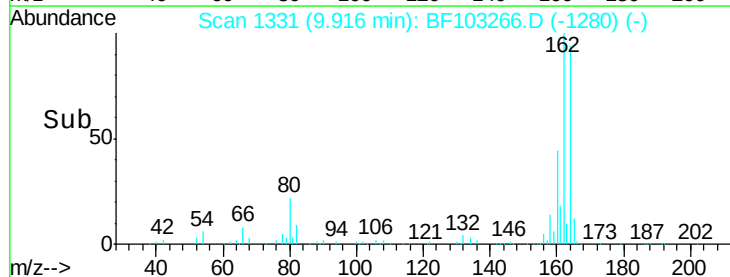
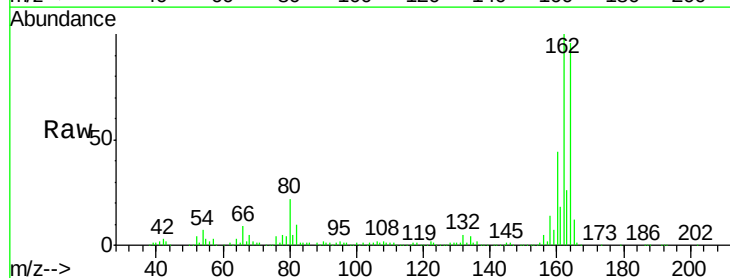
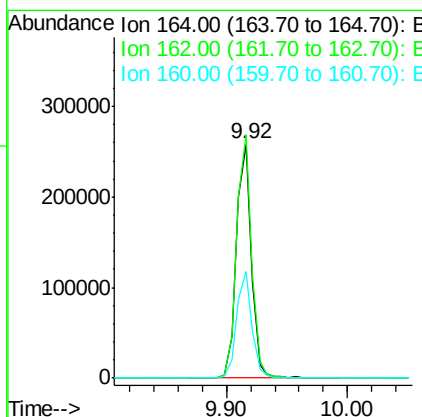
Manual Integrations
APPROVED

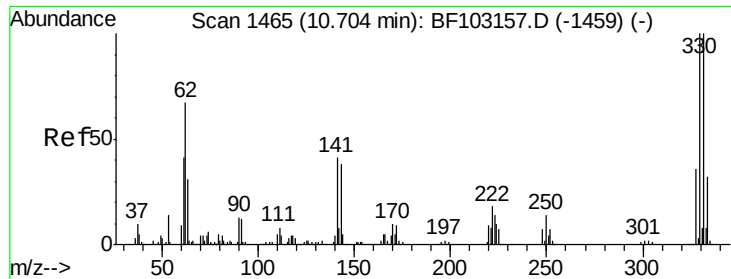
Sohil
2/28/2018 11:17:46 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103266.D
Acq: 27 Feb 2018 16:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.7	38.3	57.5





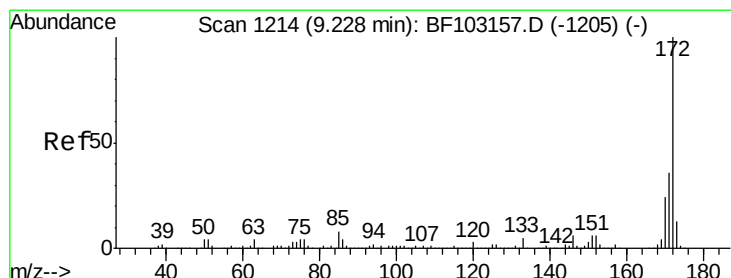
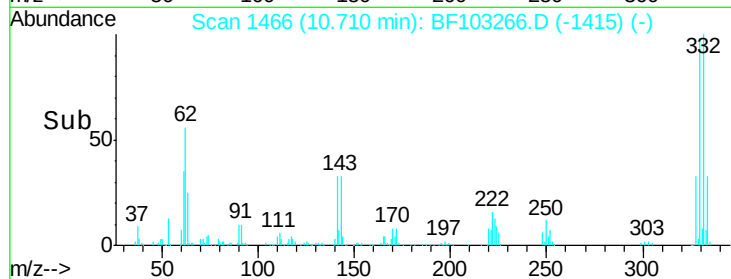
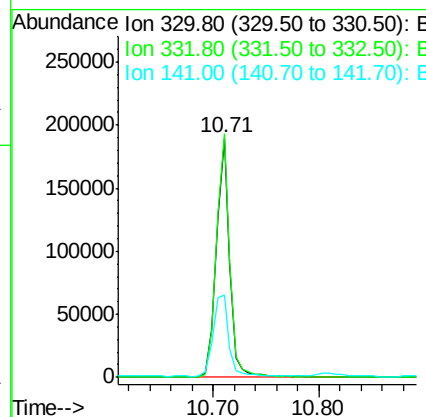
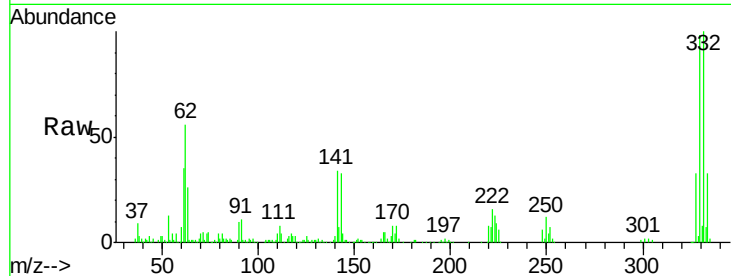
#41
 2,4,6-Tribromophenol
 Concen: 89.531 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103266.D
 Acq: 27 Feb 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-022618-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.4	77.0	115.6	
141	39.0	29.9	44.9	

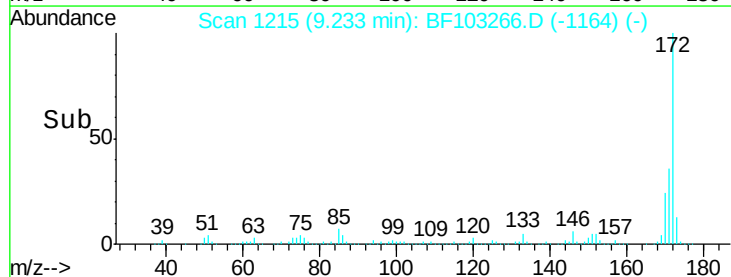
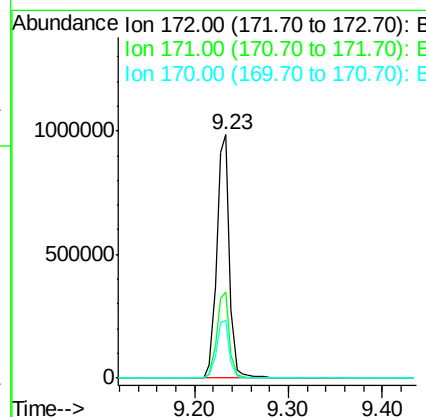
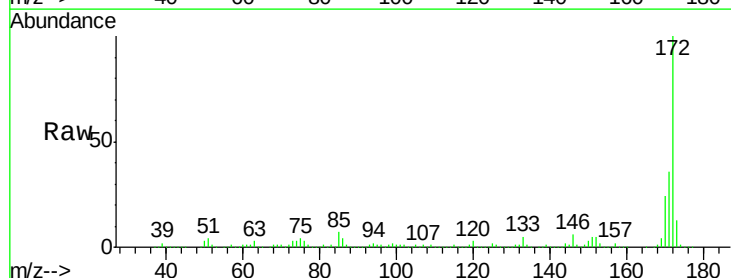
Manual Integrations
 APPROVED

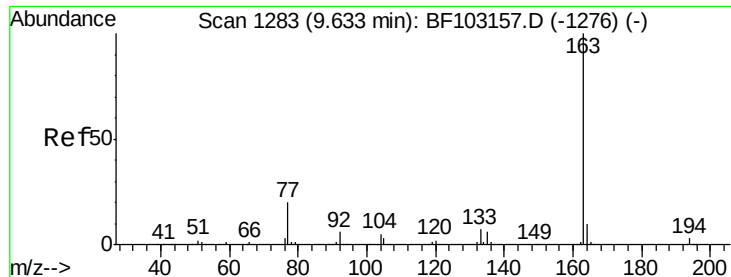
Sohil
 2/28/2018 11:17:46 AM



#44
 2-Fluorobiphenyl
 Concen: 69.741 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103266.D
 Acq: 27 Feb 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	29.7	44.5	
170	24.0	19.6	29.4	





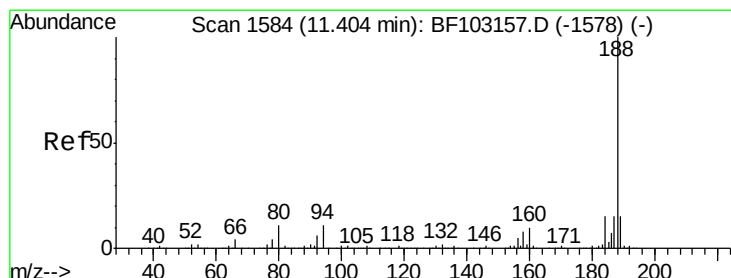
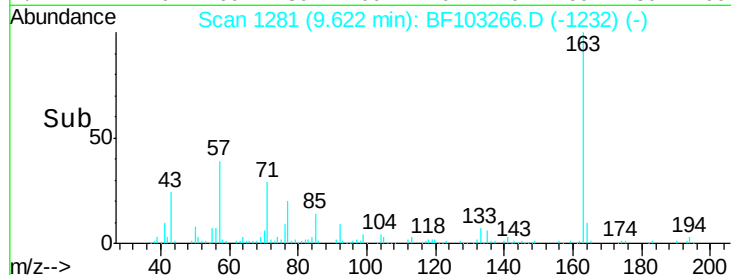
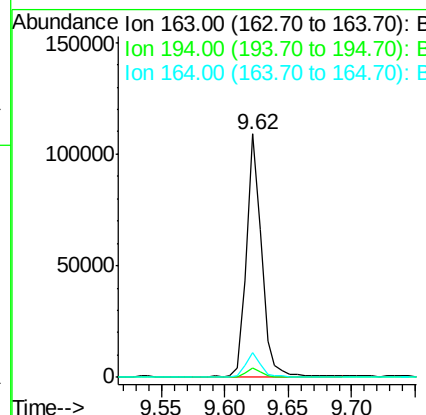
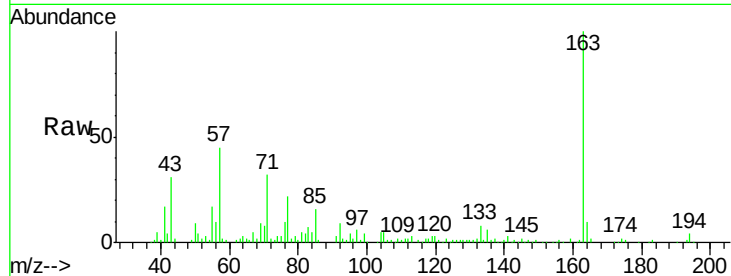
#49
Dimethylphthalate
Concen: 4.983 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103266.D
Acq: 27 Feb 2018 16:42

Instrument :
BNA_F
ClientSampleId :
EO-02-022618-C

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.0	8.2	12.2

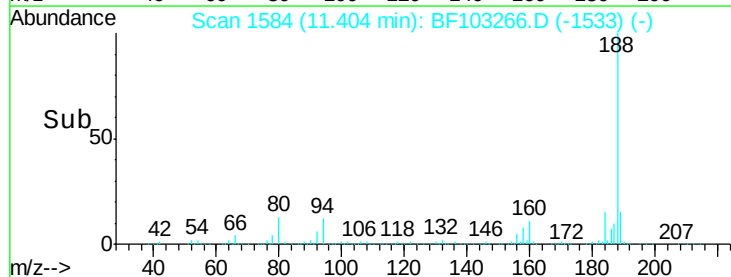
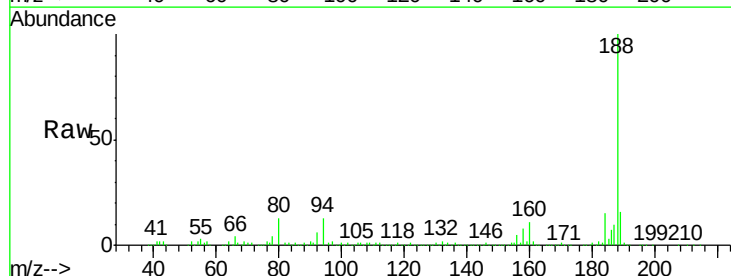
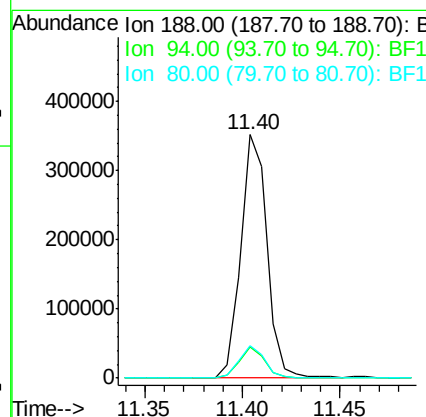
Manual Integrations
APPROVED

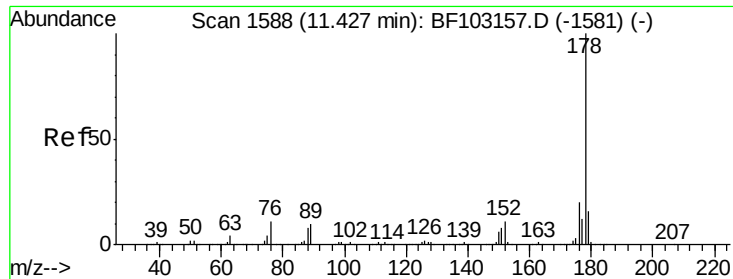
Sohil
2/28/2018 11:17:46 AM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103266.D
Acq: 27 Feb 2018 16:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.5	8.5	12.7
80	13.3	9.2	13.8





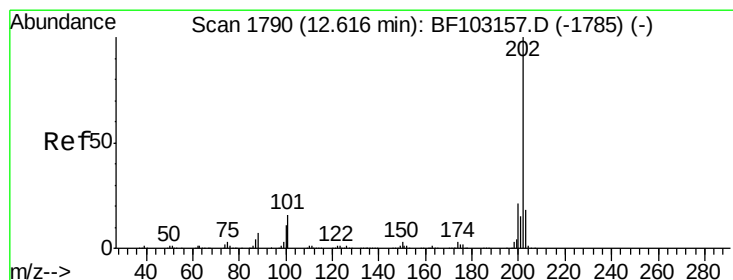
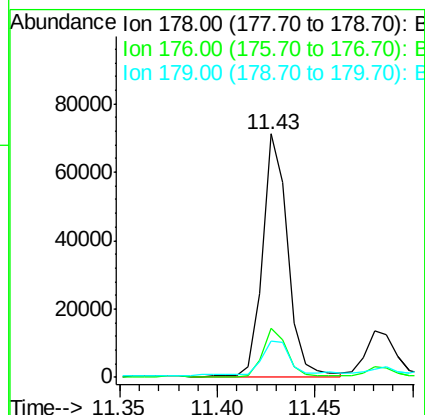
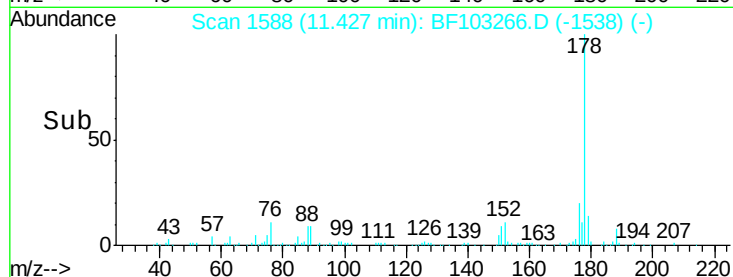
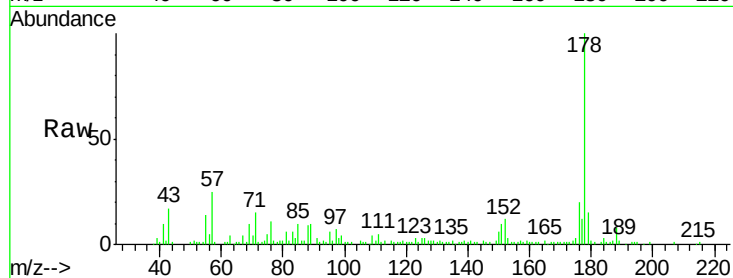
#70
Phenanthrene
Concen: 3.547 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103266.D
Acq: 27 Feb 2018 16:42

Instrument :
BNA_F
ClientSampleId :
EO-02-022618-C

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	14.7	13.0	19.6

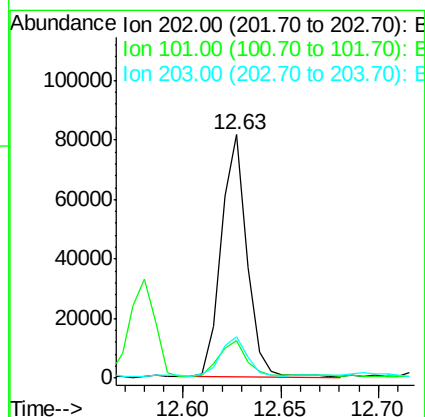
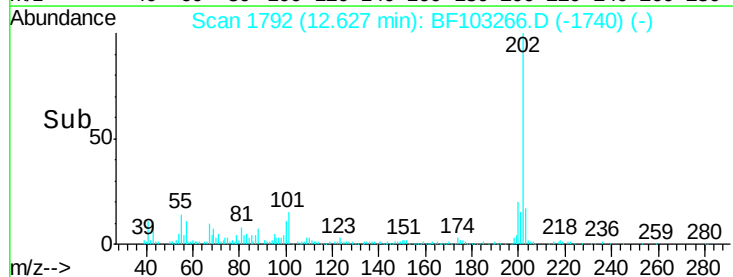
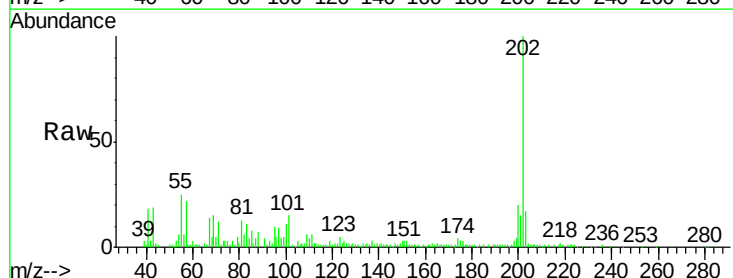
Manual Integrations
APPROVED

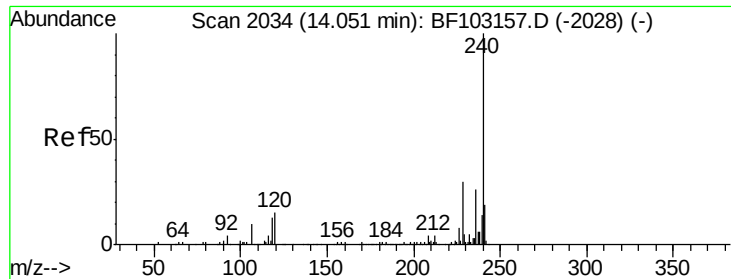
Sohil
2/28/2018 11:17:46 AM



#74
Fluoranthene
Concen: 4.097 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF103266.D
Acq: 27 Feb 2018 16:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	34.1
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103266.D

Acq: 27 Feb 2018 16:42

Instrument :

BNA_F

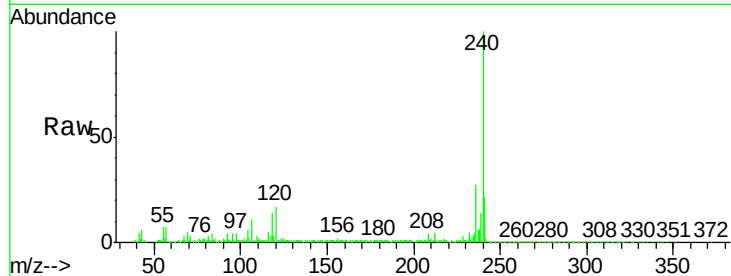
ClientSampleId :

EO-02-022618-C

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.7	9.5	14.3
236	26.6	20.7	31.1

Manual Integrations
APPROVED

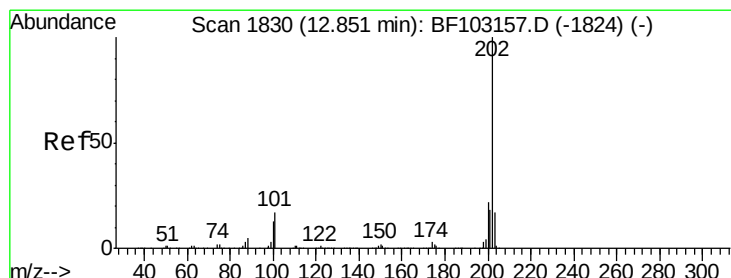
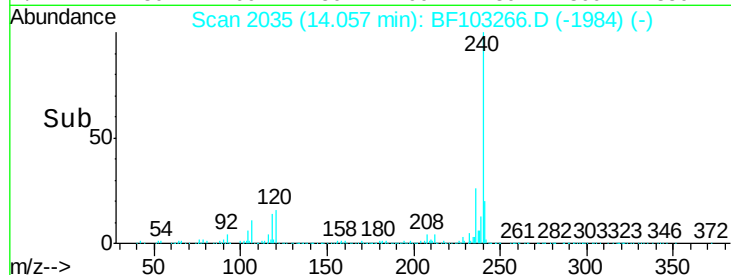
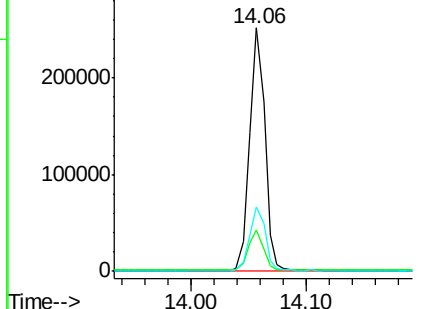
Sohil
2/28/2018 11:17:46 AM



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: 3.923 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF103266.D

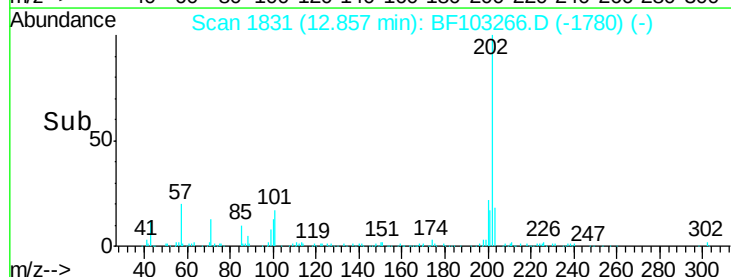
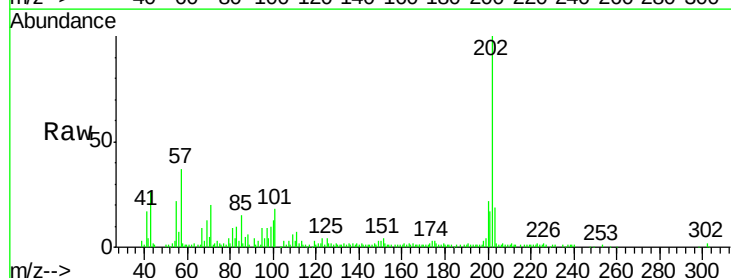
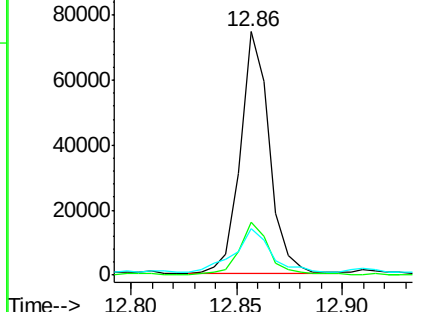
Acq: 27 Feb 2018 16:42

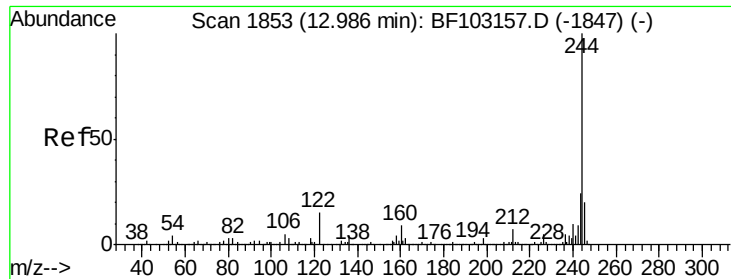
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	19.2	14.3	21.5

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: 66.921 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103266.D

Acq: 27 Feb 2018 16:42

Instrument :

BNA_F

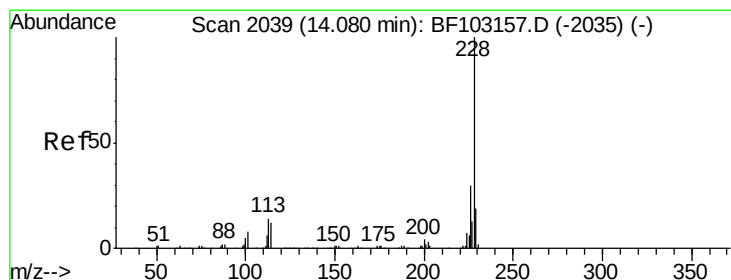
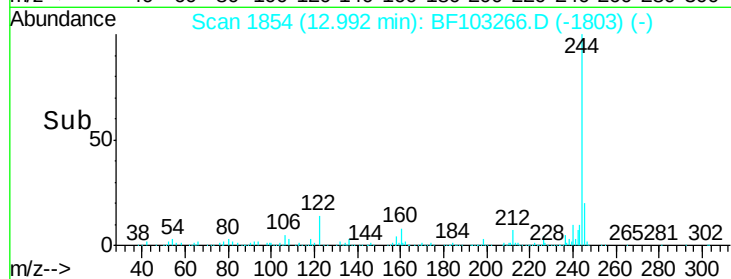
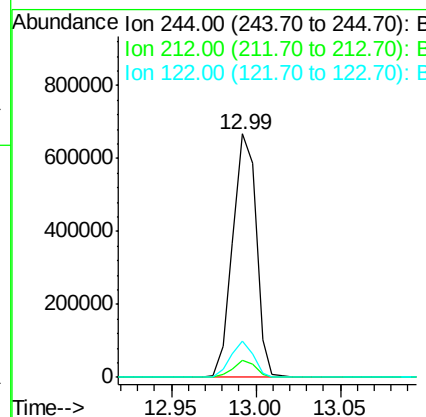
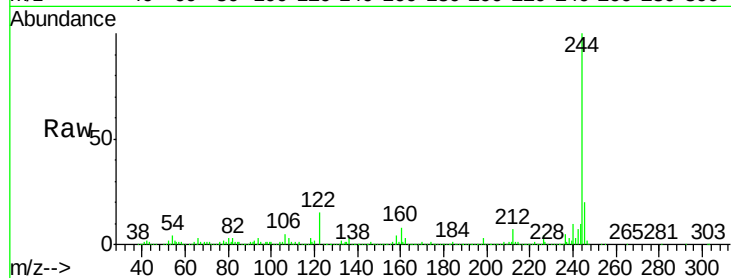
ClientSampleId :

EO-02-022618-C

Tot Ion:	244	Resp:	647659
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.7	11.0	16.4

Manual Integrations
APPROVED

Sohil
2/28/2018 11:17:46 AM



#82

Chrysene

Concen: 2.018 ng

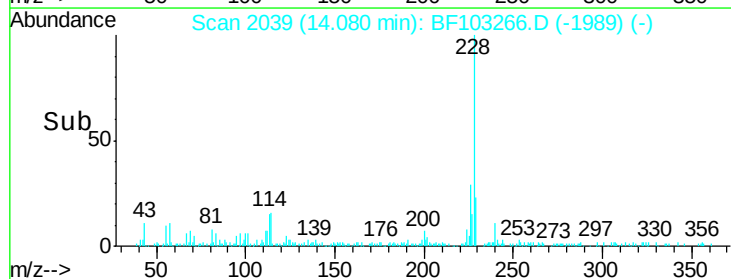
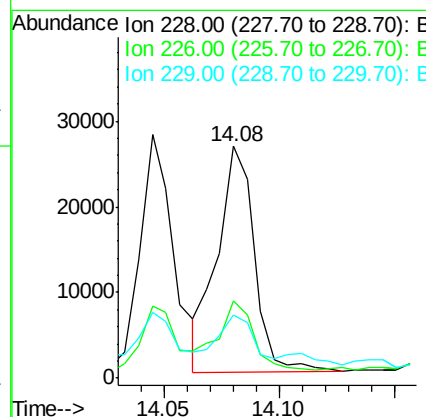
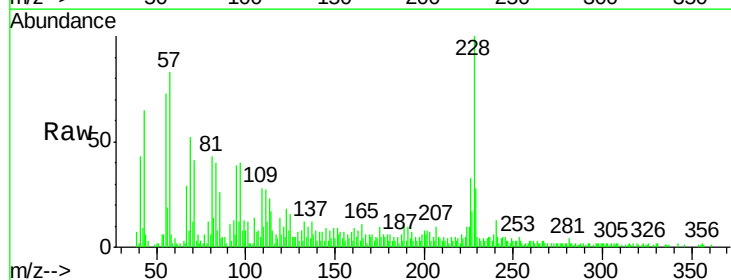
RT: 14.08 min Scan# 2039

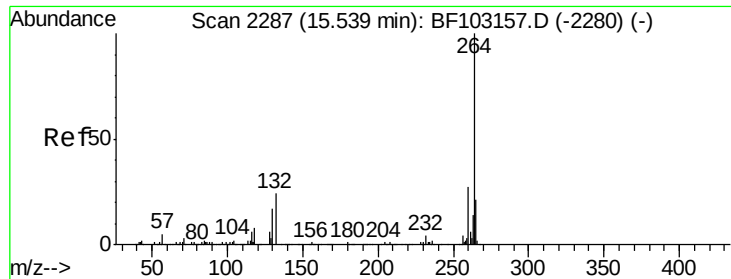
Delta R.T. -0.01 min

Lab File: BF103266.D

Acq: 27 Feb 2018 16:42

Tgt Ion:	228	Resp:	29582
Ion Ratio		Lower	Upper
228	100		
226	33.4	25.0	37.6
229	27.5	16.2	24.4





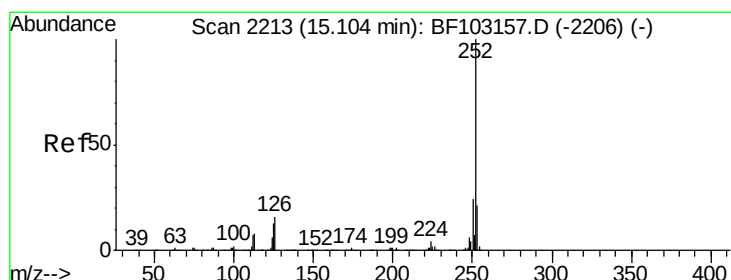
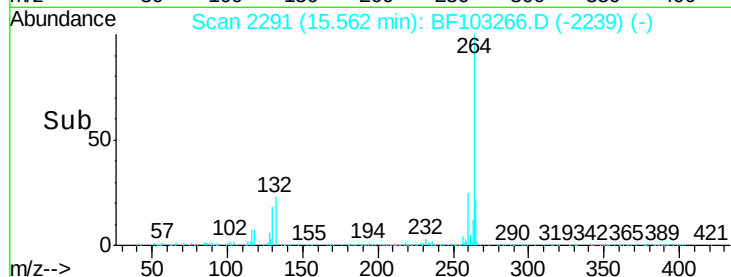
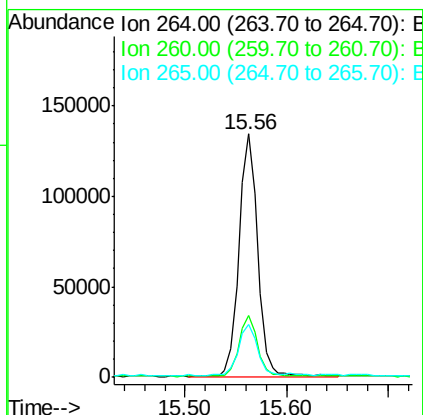
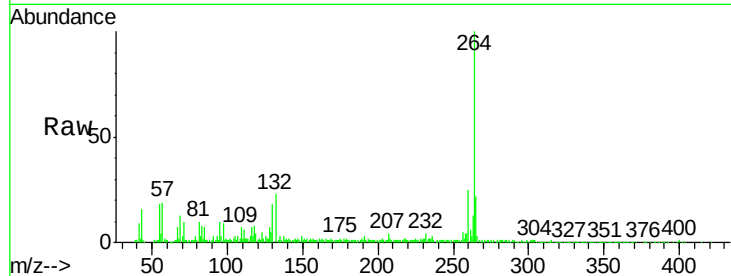
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BF103266.D
Acq: 27 Feb 2018 16:42

Instrument :
BNA_F
ClientSampleId :
EO-02-022618-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	21.6	17.5	26.3

Manual Integrations
APPROVED

Sohil
2/28/2018 11:17:46 AM



#87
Benzo(b)fluoranthene
Concen: 2.354 ng m
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF103266.D
Acq: 27 Feb 2018 16:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.0	17.0	25.6#
125	46.4	9.0	13.6#

