

Data File : BF101849.D
Acq On : 2 Jan 2018 14:23
Operator : SJ/JU
Sample : I7100-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)

Manual Integrations
APPROVED

Sohil
1/3/2018 10:26:17 AM

Quant Time: Jan 03 01:24:06 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	135380	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	531140	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	214288	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	337912	20.00	ng	0.00
75) Chrysene-d12	13.96	240	259999	20.00	ng	-0.01
86) Perylene-d12	15.43	264	271024	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	973371	107.10	ng	0.00
7) Phenol-d6	6.43	99	1178020	104.15	ng	0.00
23) Nitrobenzene-d5	7.35	82	747636	78.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	194054	93.98	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	979770	70.93	ng	0.00
78) Terphenyl-d14	12.89	244	715711	66.36	ng	-0.01

Target Compounds					Qvalue	
49) Dimethylphthalate	9.53	163	186422	10.82	ng	99
70) Phenanthrene	11.33	178	82411	4.39	ng	97
74) Fluoranthene	12.53	202	122086	6.19	ng	99
77) Pyrene	12.76	202	108243	5.55	ng	96
80) Benzo(a)anthracene	13.95	228	59766m	3.48	ng	
82) Chrysene	13.99	228	53167	3.28	ng	98
87) Benzo(b)fluoranthene	15.01	252	59327m	3.59	ng	
89) Benzo(a)pyrene	15.38	252	47156	3.10	ng	# 94

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

Data File : BF101849.D

Acq On : 2 Jan 2018 14:23

Operator : SJ/JU

Sample : I7100-04

Misc :

ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

EPE-106-2(5-10)

Manual Integrations
APPROVED

Sohil

1/3/2018 10:26:17 AM

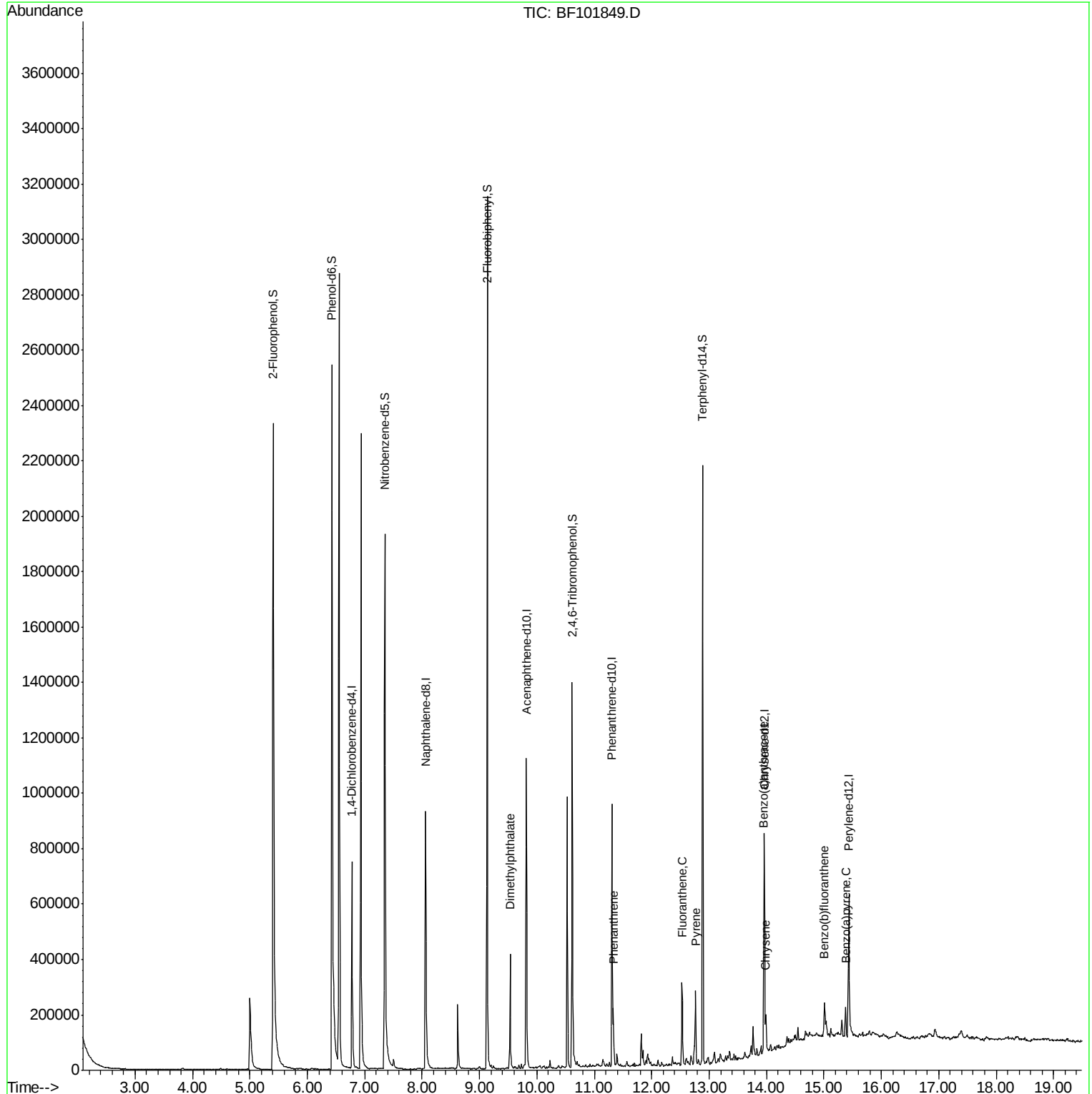
Quant Time: Jan 03 01:24:06 2018

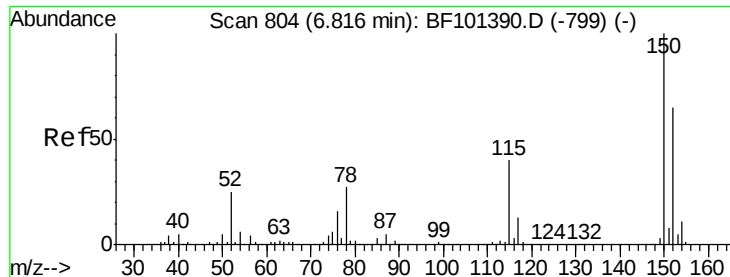
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 29 13:21:45 2017

Response via : Initial Calibration





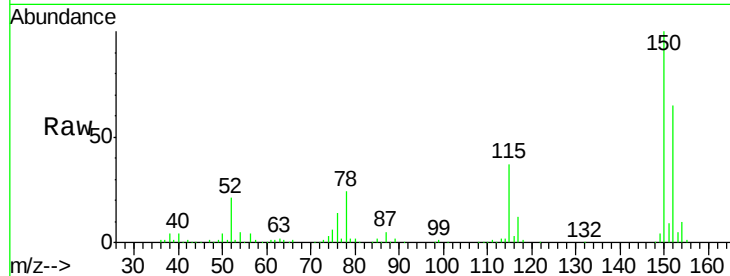
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF101849.D
 Acq: 2 Jan 2018 14:23

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-2(5-10)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	56.8	50.1	75.1

Manual Integrations
 APPROVED

Sohil
 1/3/2018 10:26:17 AM

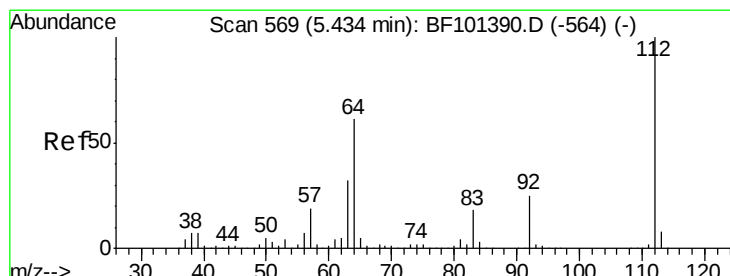
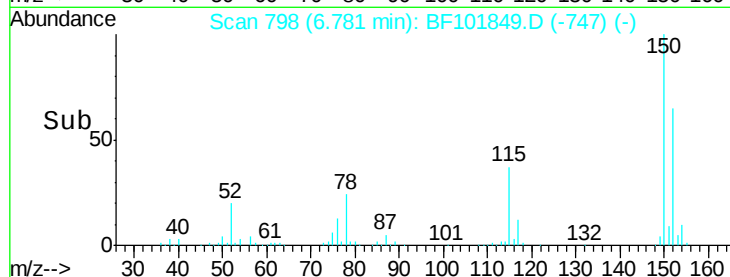
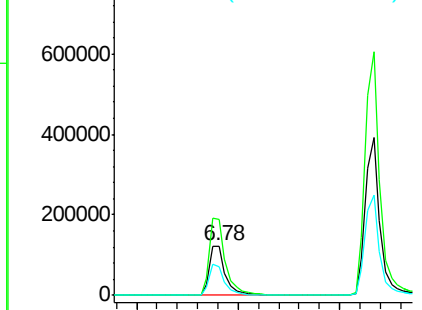


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 107.10 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF101849.D
 Acq: 2 Jan 2018 14:23

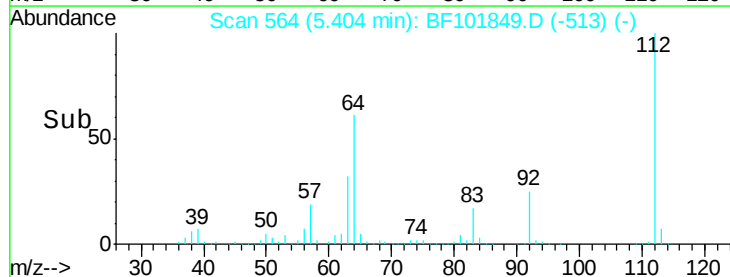
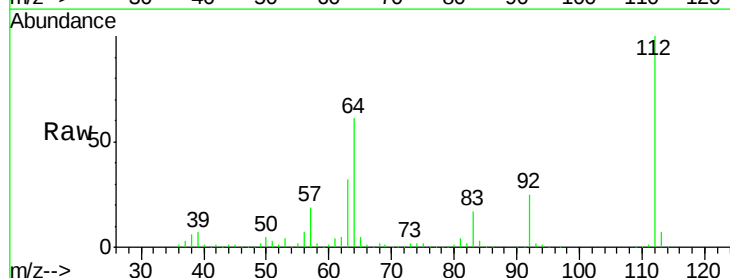
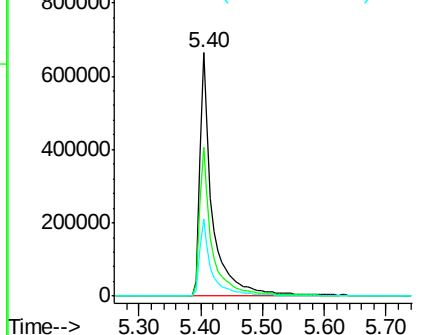
Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	47.9	71.9
63	31.8	23.7	35.5

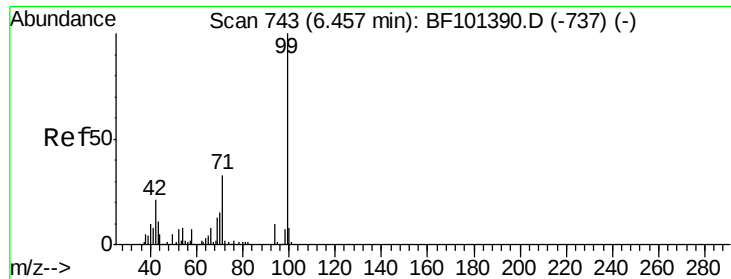
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 104.15 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101849.D

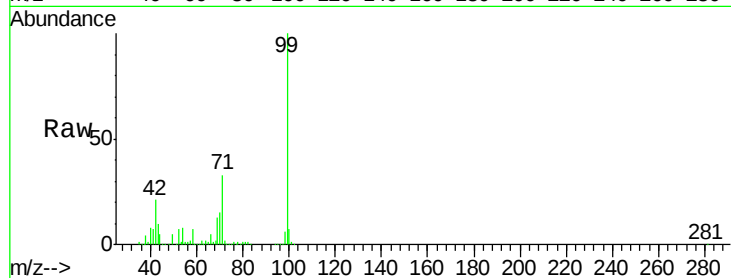
Acq: 2 Jan 2018 14:23

Instrument :

BNA_F

ClientSampleId :

EPE-106-2(5-10)



Tgt Ion: 99 Resp: 1178020

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

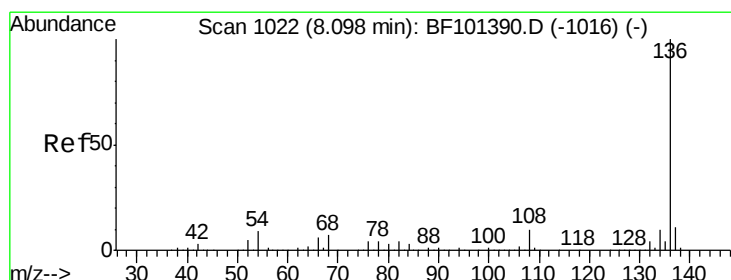
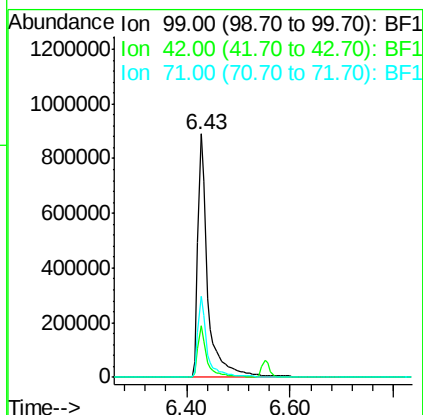
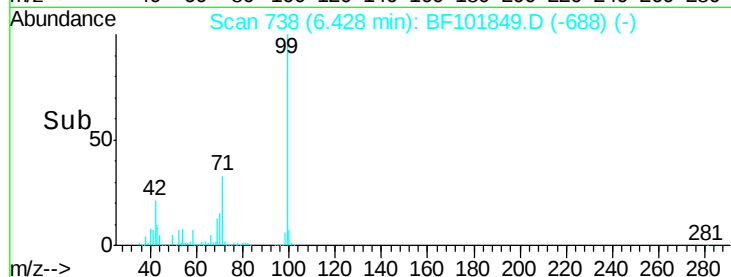
71 33.4 25.4 38.0

Manual Integrations

APPROVED

Sohil

1/3/2018 10:26:17 AM



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF101849.D

Acq: 2 Jan 2018 14:23

Tgt Ion: 136 Resp: 531140

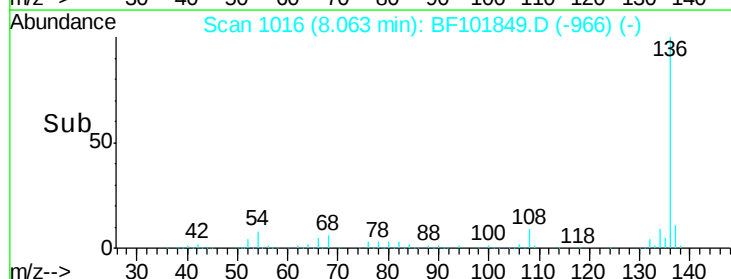
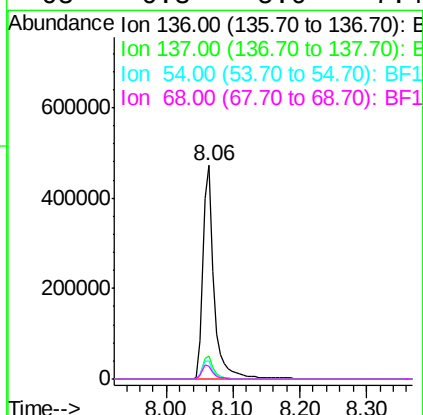
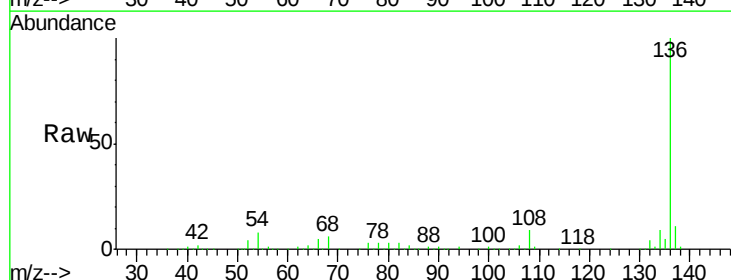
Ion Ratio Lower Upper

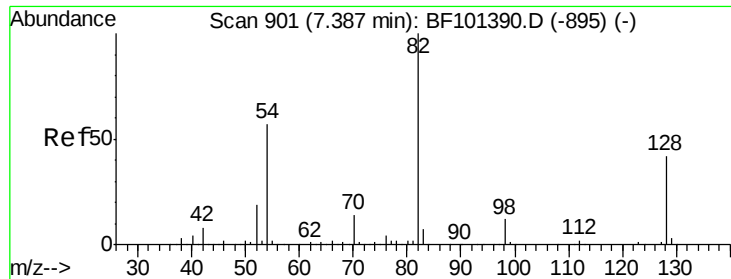
136 100

137 10.6 8.9 13.3

54 8.2 6.6 9.8

68 6.3 5.0 7.4





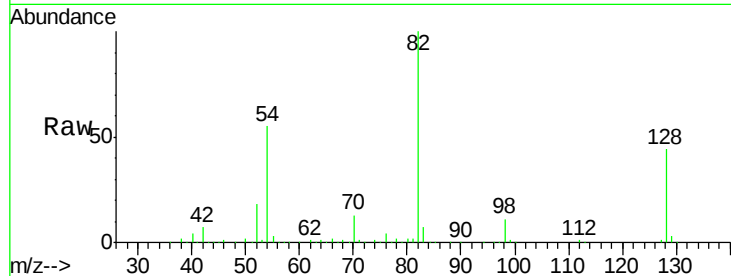
#23
Nitrobenzene-d5
Concen: 78.36 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF101849.D
Acq: 2 Jan 2018 14:23

Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)

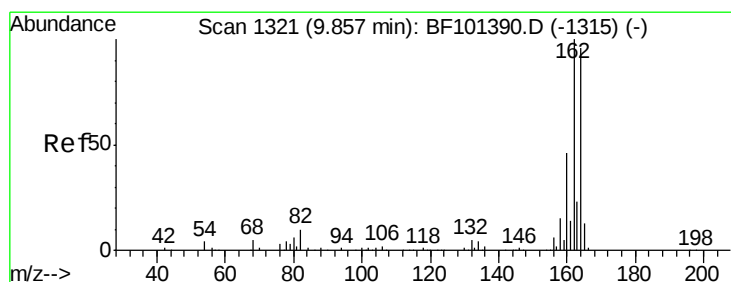
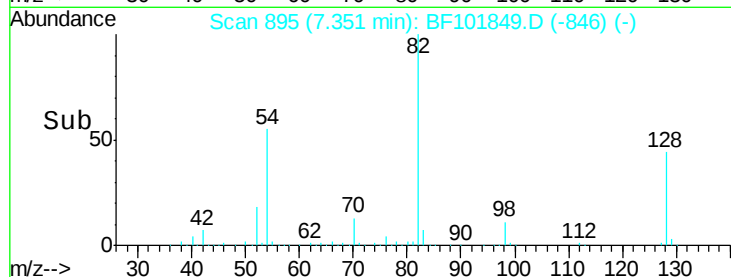
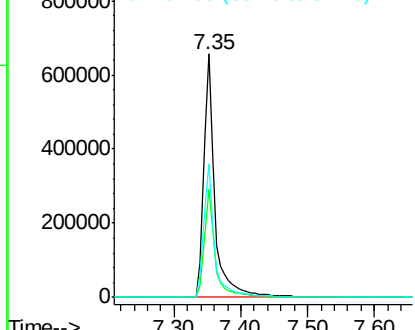
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	747636		
128	44.3	36.1	54.1	
54	54.6	41.4	62.2	

Manual Integrations
APPROVED

Sohil
1/3/2018 10:26:17 AM

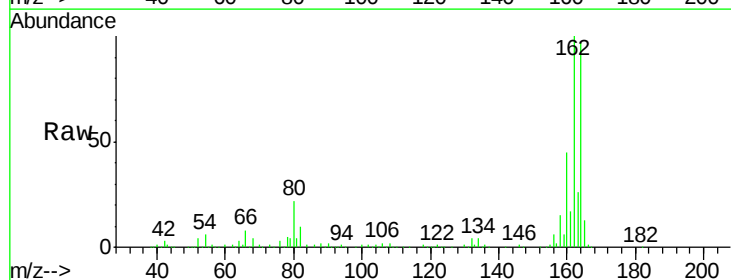


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

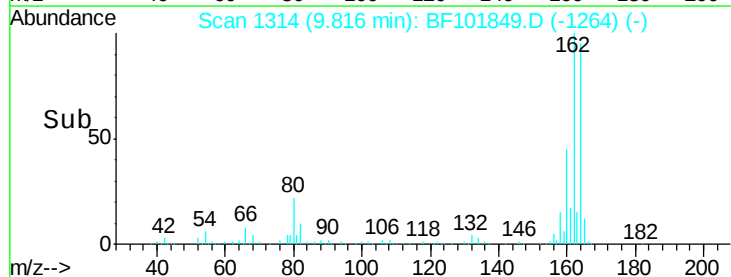
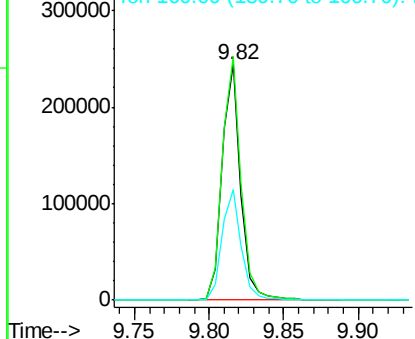


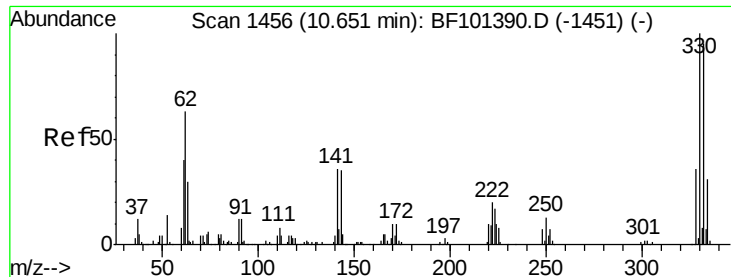
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF101849.D
Acq: 2 Jan 2018 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	214288		
162	103.4	86.1	129.1	
160	46.7	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: 93.98 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF101849.D

Acq: 2 Jan 2018 14:23

Instrument :

BNA_F

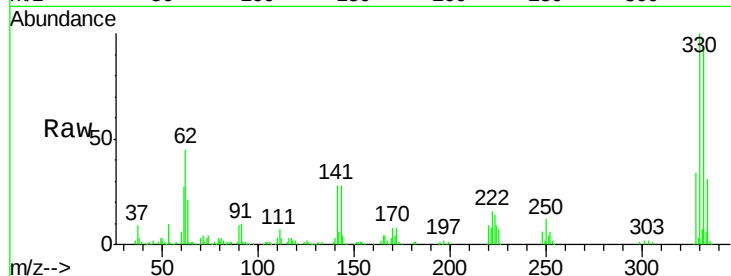
ClientSampleId :

EPE-106-2(5-10)

Tgt Ion:	330	Resp:	194054
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.0	115.6
141	32.4	29.9	44.9

Manual Integrations
APPROVED

Sohil
1/3/2018 10:26:17 AM

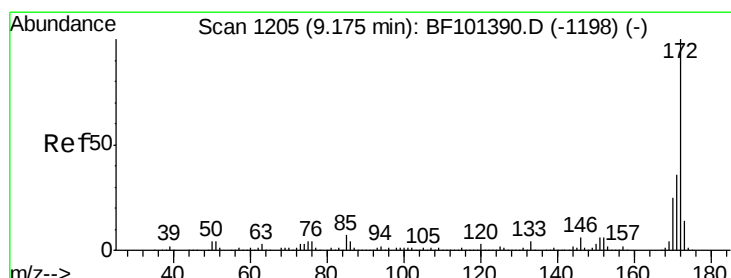
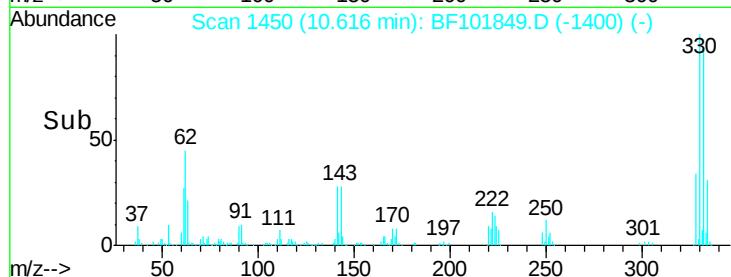
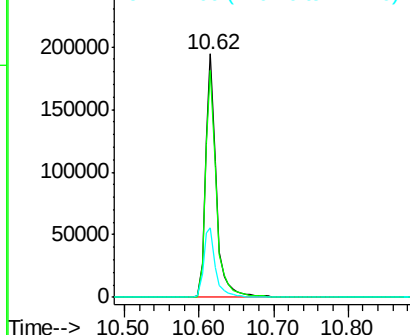


Abundance

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: 70.93 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF101849.D

Acq: 2 Jan 2018 14:23

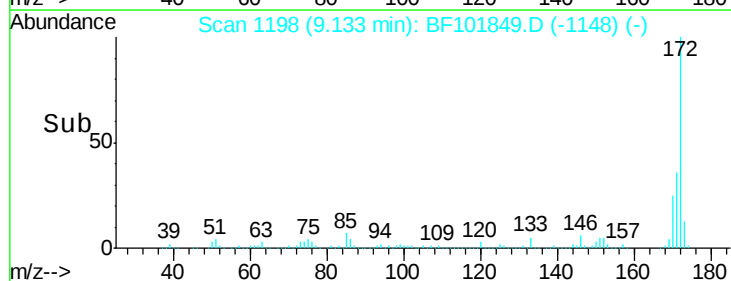
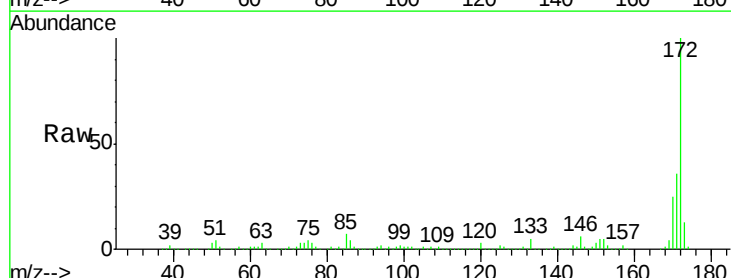
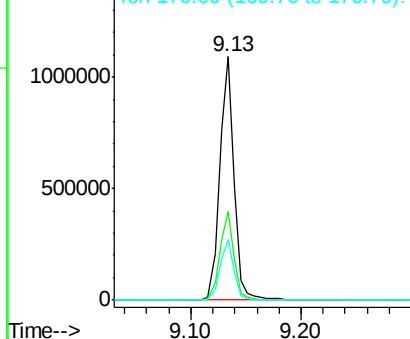
Tgt Ion:	172	Resp:	979770
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.7	44.5
170	24.7	19.6	29.4

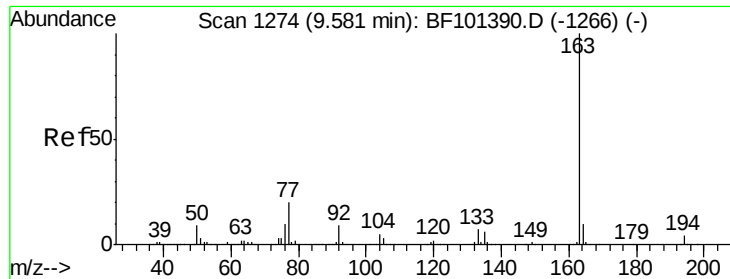
Abundance

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





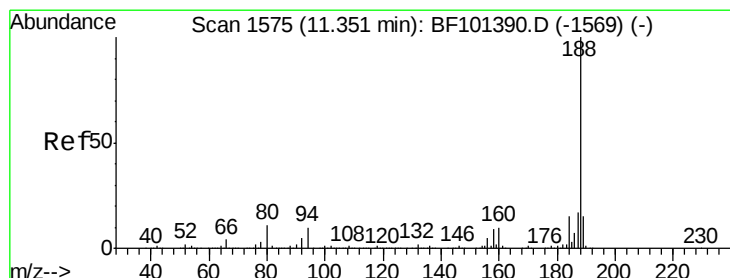
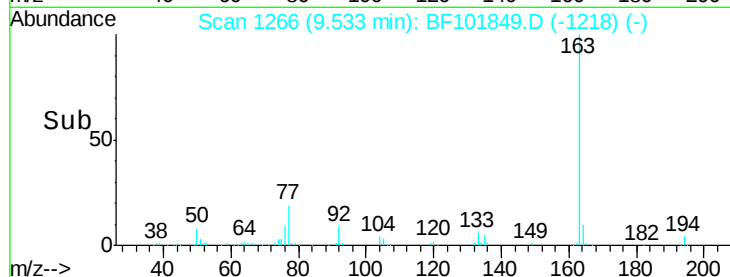
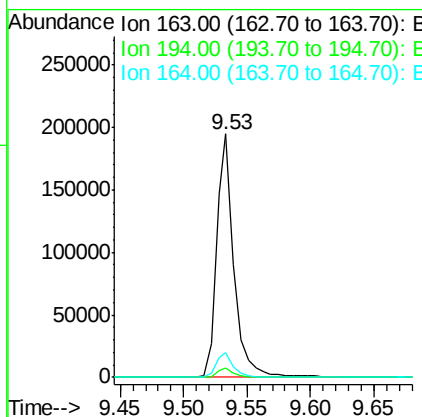
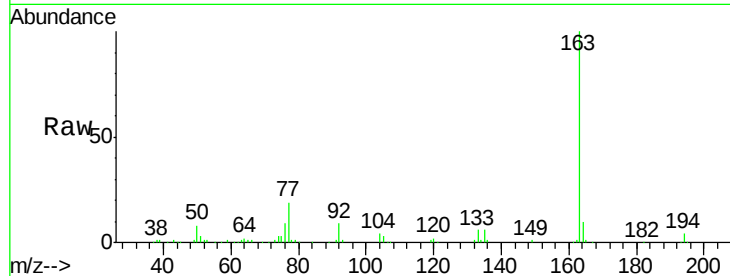
#49
Dimethylphthalate
Concen: 10.82 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF101849.D
Acq: 2 Jan 2018 14:23

Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	186422		
194	3.7		2.7	4.1
164	10.0		8.2	12.2

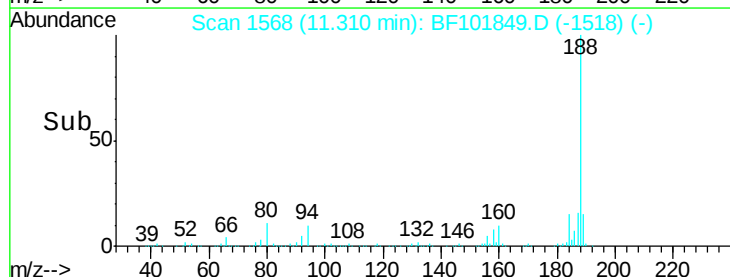
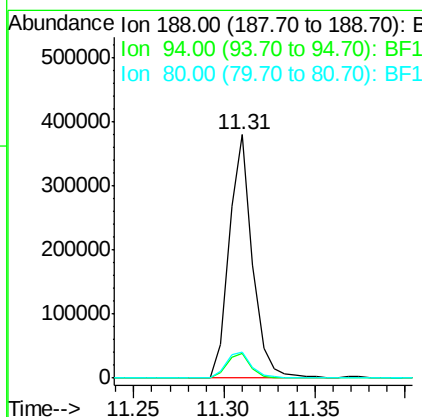
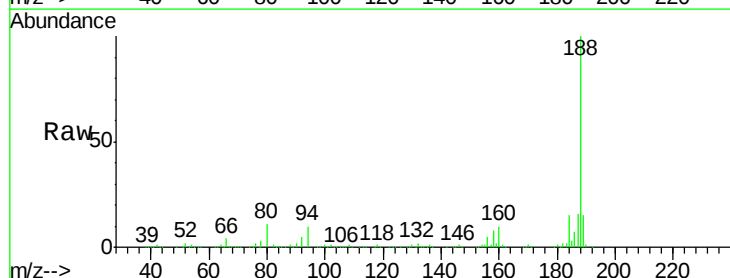
Manual Integrations
APPROVED

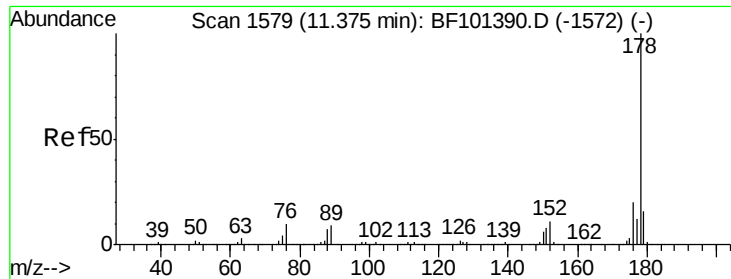
Sohil
1/3/2018 10:26:17 AM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF101849.D
Acq: 2 Jan 2018 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	337912		
94	10.2		8.5	12.7
80	10.6		9.2	13.8





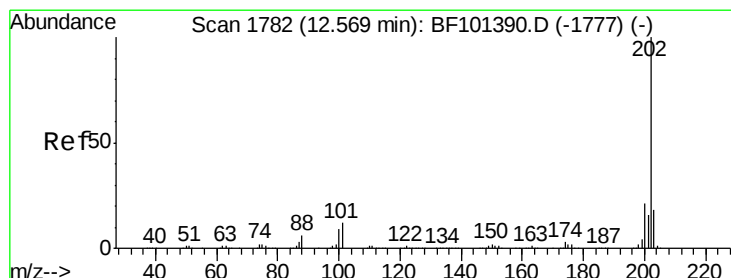
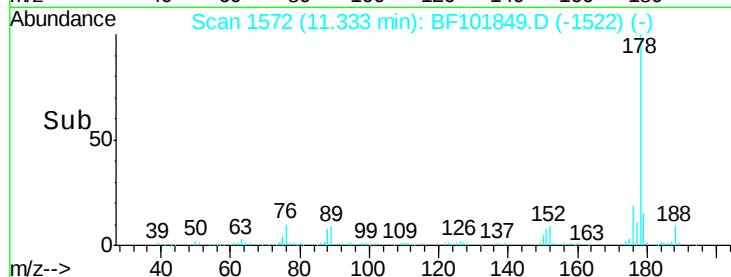
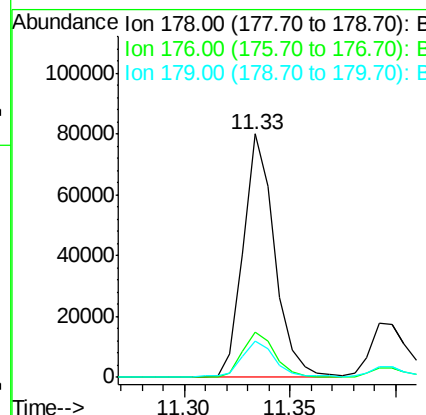
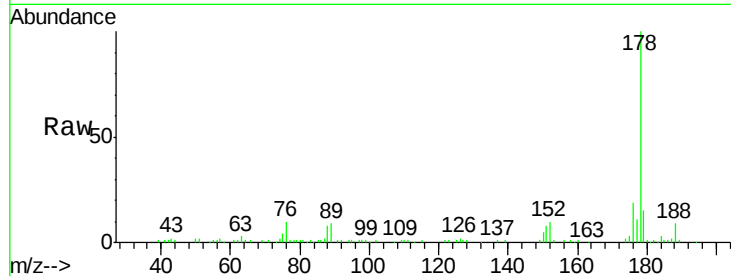
#70
Phenanthrene
Concen: 4.39 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF101849.D
Acq: 2 Jan 2018 14:23

Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.1	13.0	19.6

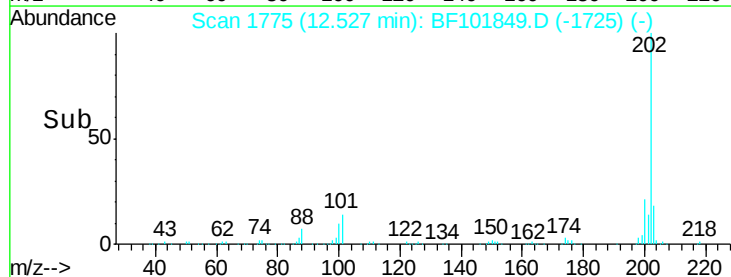
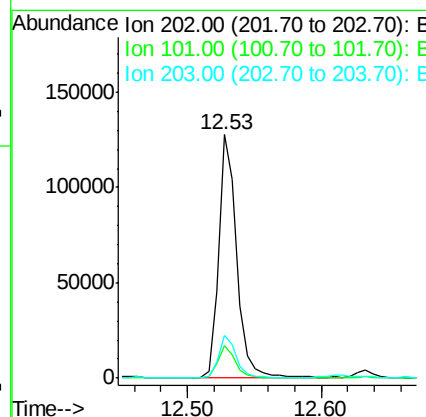
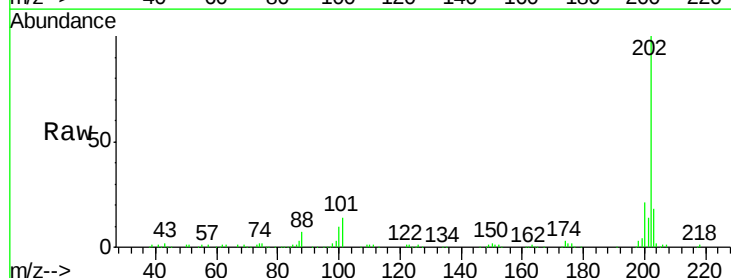
Manual Integrations
APPROVED

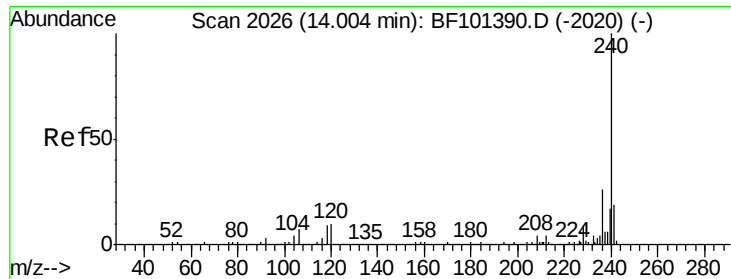
Sohil
1/3/2018 10:26:17 AM



#74
Fluoranthene
Concen: 6.19 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF101849.D
Acq: 2 Jan 2018 14:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101849.D

Acq: 2 Jan 2018 14:23

Instrument :

BNA_F

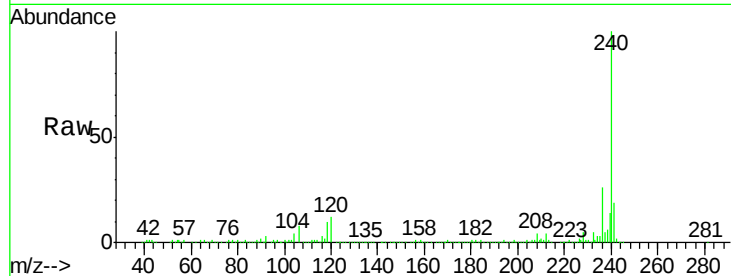
ClientSampleId :

EPE-106-2(5-10)

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	259999		
120	11.5	9.5	14.3	
236	26.0	20.7	31.1	

Manual Integrations
APPROVED

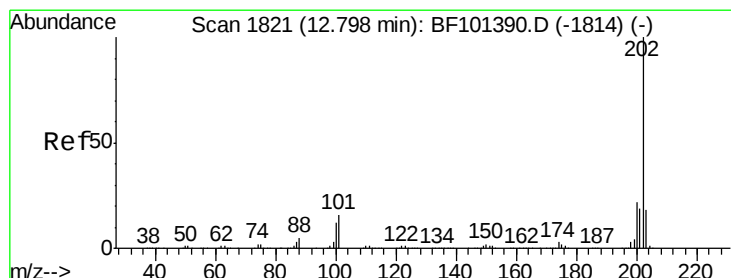
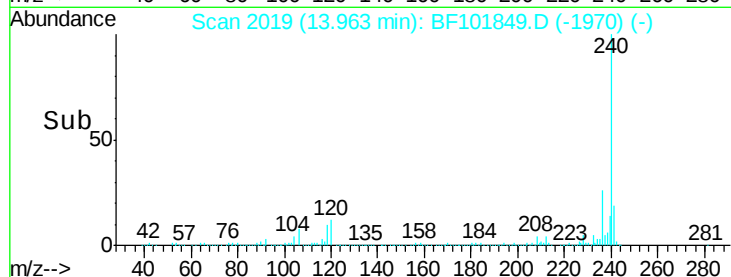
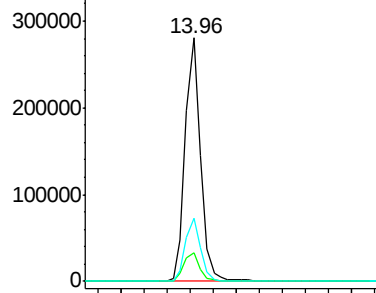
Sohil
1/3/2018 10:26:17 AM



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: 5.55 ng

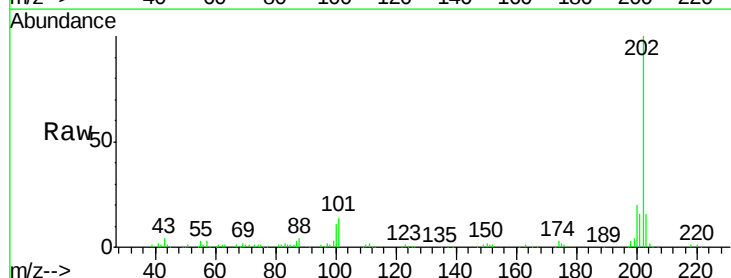
RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF101849.D

Acq: 2 Jan 2018 14:23

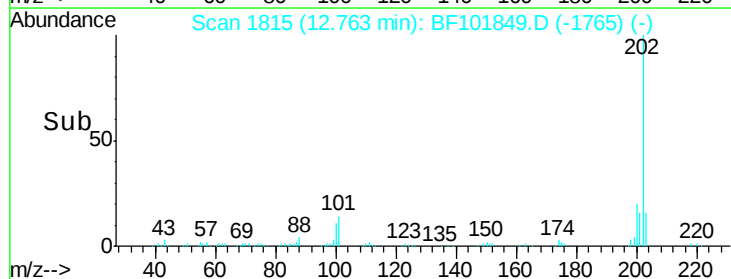
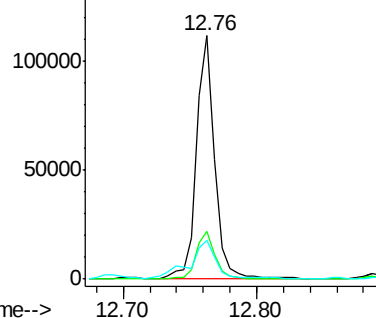
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	108243		
200	19.6	17.4	26.2	
203	16.1	14.3	21.5	

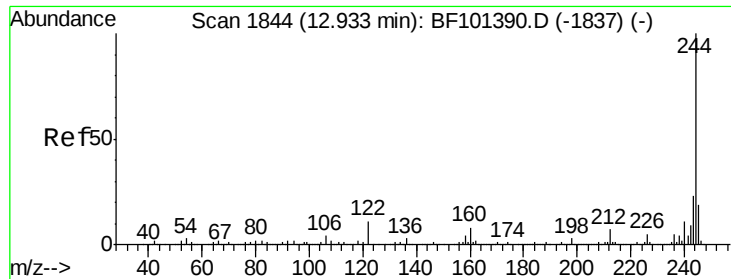


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





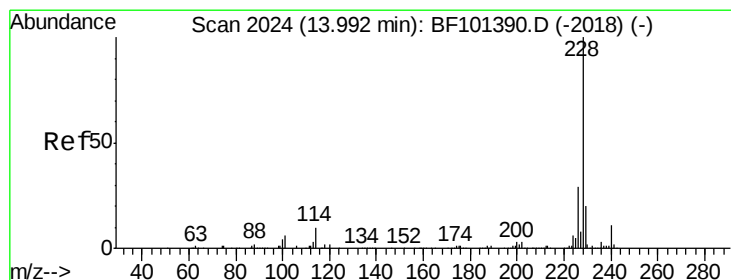
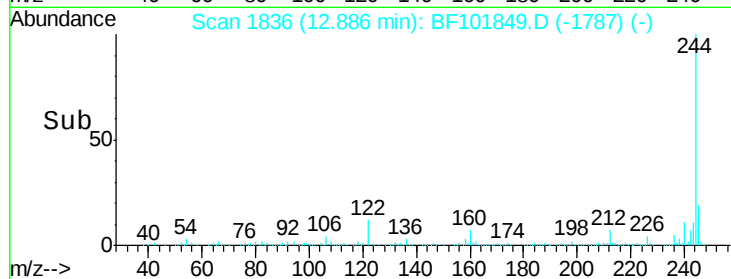
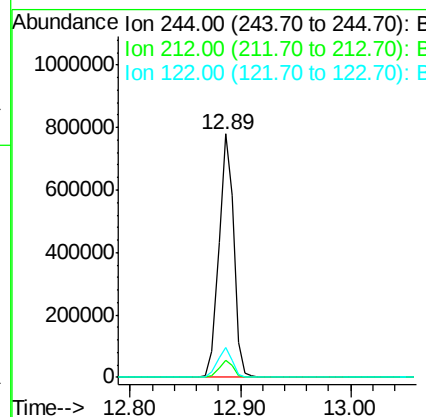
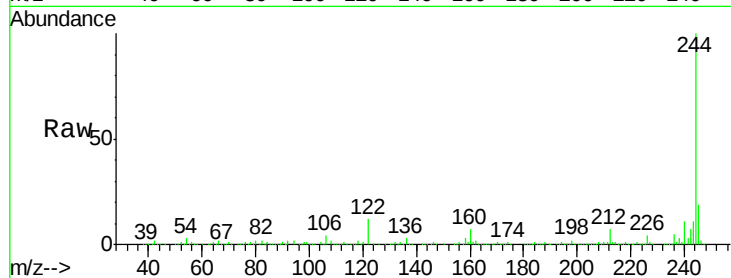
#78
 Terphenyl-d14
 Concen: 66.36 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF101849.D
 Acq: 2 Jan 2018 14:23

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-2(5-10)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.2	11.0	16.4

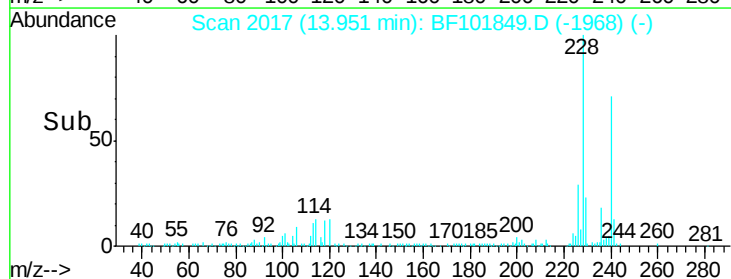
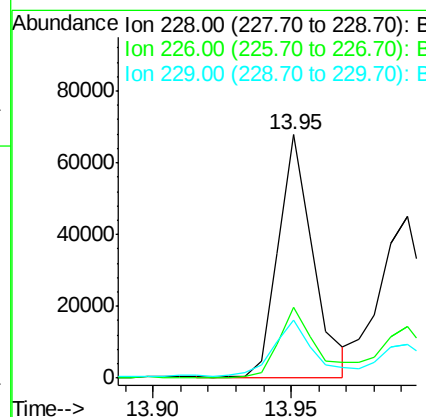
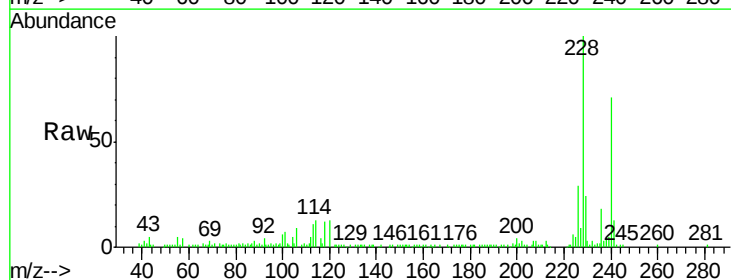
Manual Integrations
 APPROVED

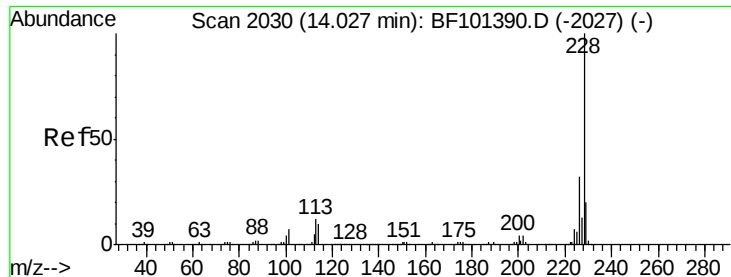
Sohil
 1/3/2018 10:26:17 AM



#80
 Benzo(a)anthracene
 Concen: 3.48 ng m
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF101849.D
 Acq: 2 Jan 2018 14:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	23.9	15.8	23.6#





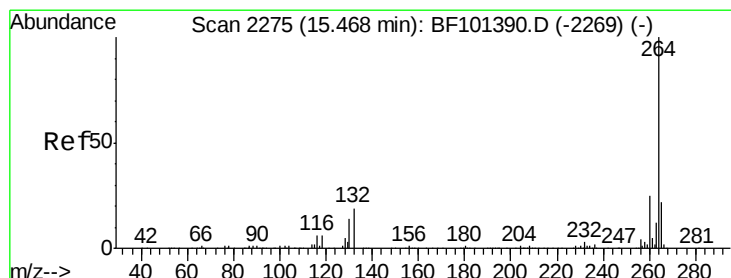
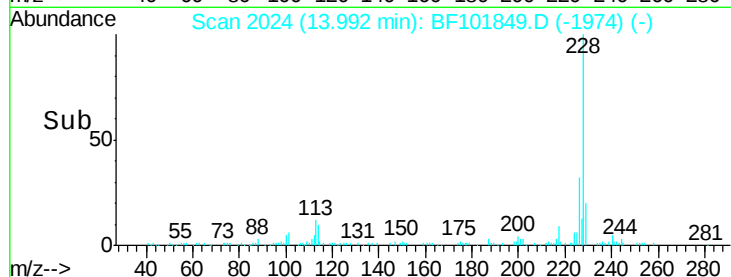
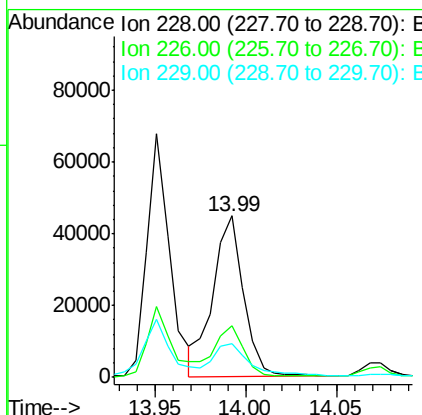
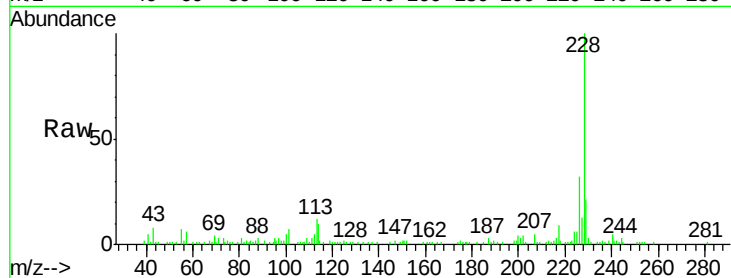
#82
Chrysene
Concen: 3.28 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101849.D
Acq: 2 Jan 2018 14:23

Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	21.3	16.2	24.4

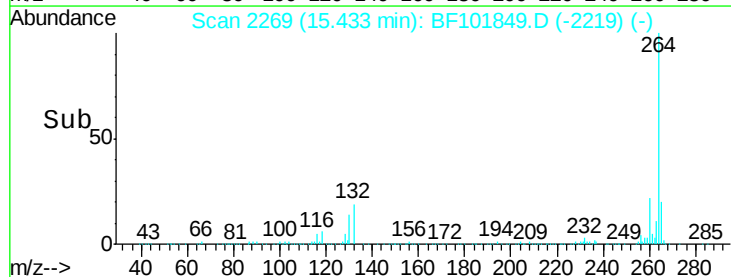
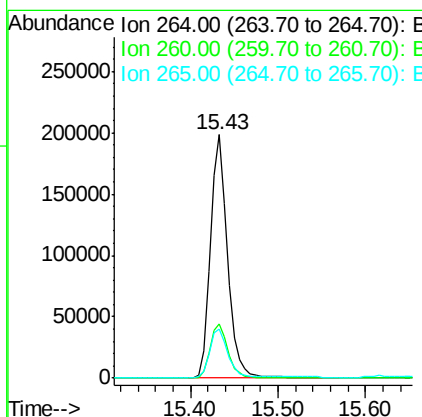
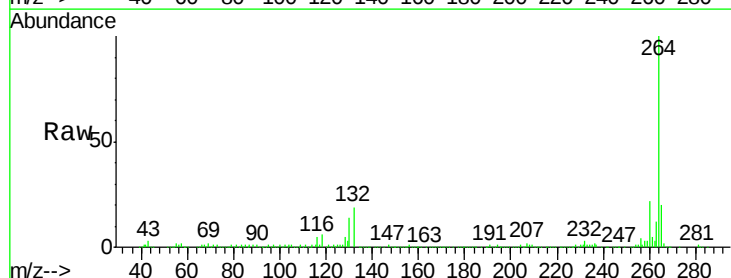
Manual Integrations
APPROVED

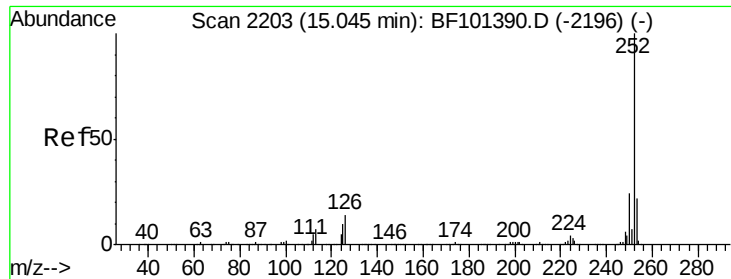
Sohil
1/3/2018 10:26:17 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF101849.D
Acq: 2 Jan 2018 14:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	20.1	17.5	26.3





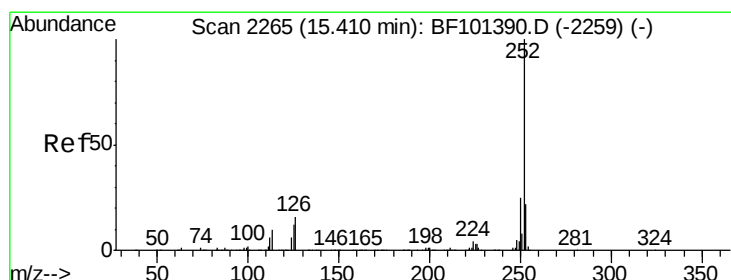
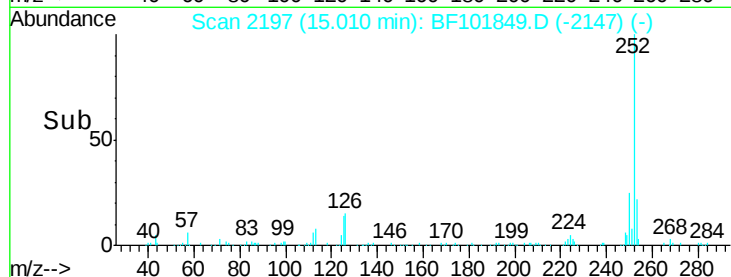
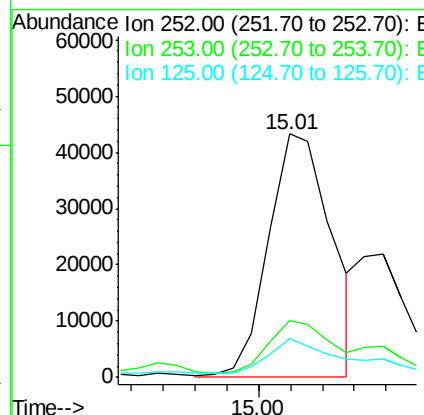
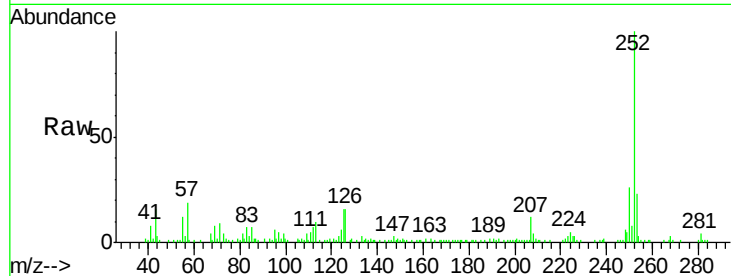
#87
Benzo(b)fluoranthene
Concen: 3.59 ng m
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF101849.D
Acq: 2 Jan 2018 14:23

Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	15.9	9.0	13.6

Manual Integrations
APPROVED

Sohil
1/3/2018 10:26:17 AM



#89
Benzo(a)pyrene
Concen: 3.10 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF101849.D
Acq: 2 Jan 2018 14:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	15.2	9.8	14.6

