

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100750.D
 Acq On : 21 Nov 2017 00:21
 Operator : SJ/JU
 Sample : I6503-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-109-3(0-5)

Manual Integrations
 APPROVED

SOHIL
 11/21/2017 2:16:36 PM

Quant Time: Nov 21 05:49:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	100044	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	363550	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	140018	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	209071	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	220904	20.00	ng	-0.01
86) Perylene-d12	15.51	264	174810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	595366	95.39	ng	0.00
7) Phenol-d6	6.50	99	707470	91.93	ng	0.00
23) Nitrobenzene-d5	7.43	82	429525	78.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	126445	88.62	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	726161	78.97	ng	-0.01
78) Terphenyl-d14	12.98	244	534430	55.59	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	11234	2.044	ng	88
10) Phenol	6.51	94	27132	3.358	ng	93
32) Benzoic acid	7.87	122	25831	14.611	ng	98
49) Dimethylphthalate	9.62	163	69883	6.537	ng	98
74) Fluoranthene	12.60	202	38304	3.283	ng	96
77) Pyrene	12.83	202	45022	2.859	ng	99
80) Benzo(a)anthracene	14.02	228	36115	2.715	ng	93
82) Chrysene	14.06	228	31734m	2.463	ng	
87) Benzo(b)fluoranthene	15.07	252	44362m	4.283	ng	
89) Benzo(a)pyrene	15.44	252	27066	2.948	ng	# 91
91) Benzo(g,h,i)perylene	17.43	276	17318	2.356	ng	# 92

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

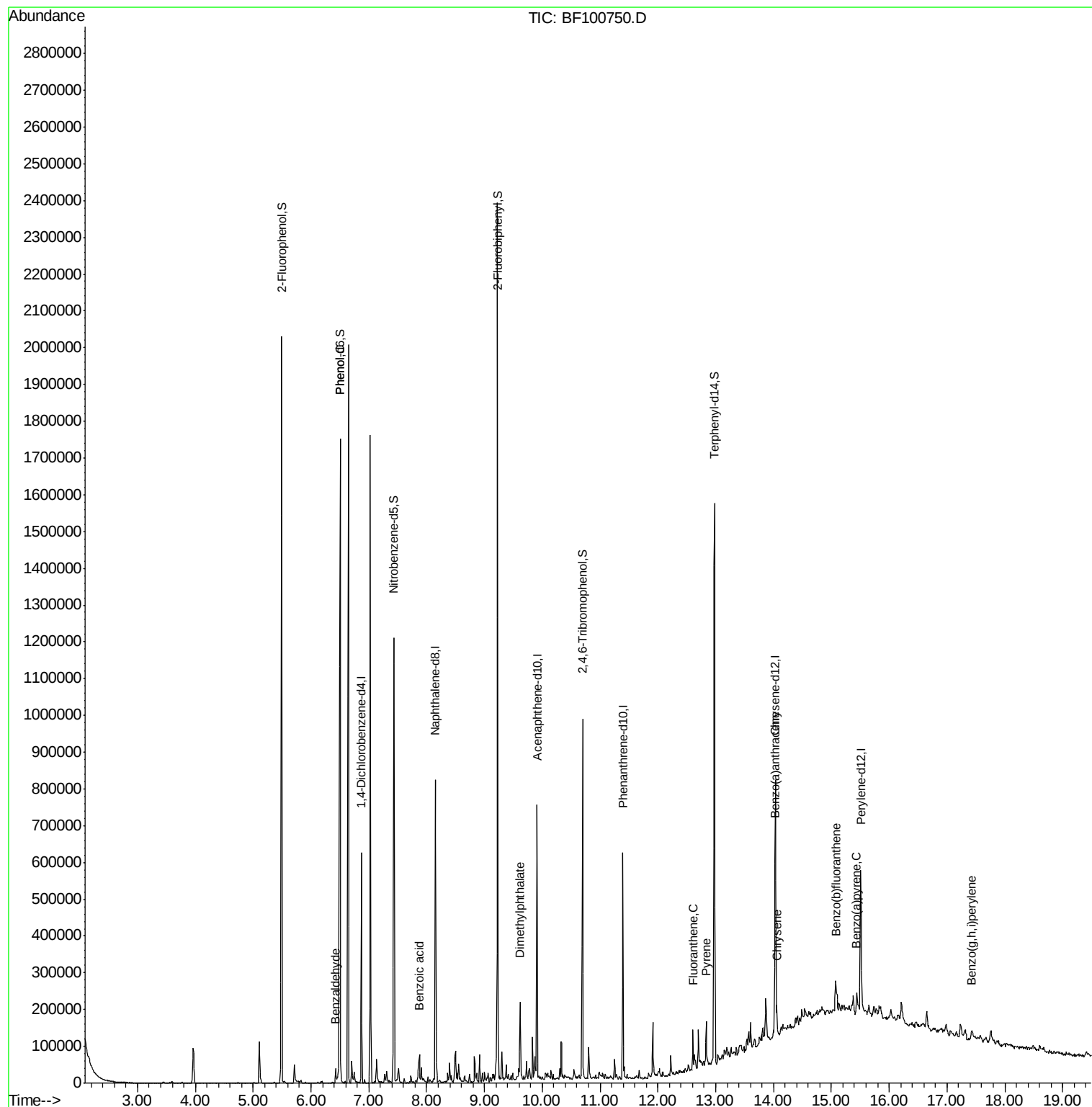
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100750.D
Acq On : 21 Nov 2017 00:21
Operator : SJ/JU
Sample : I6503-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

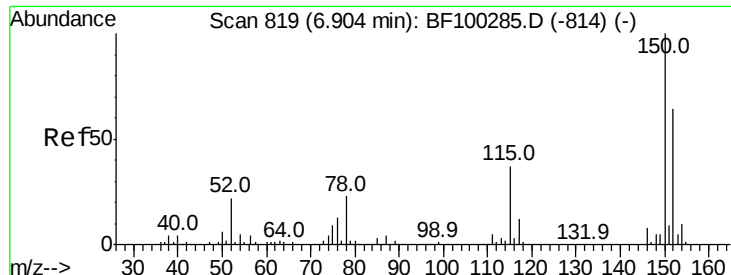
Instrument :
BNA_F
ClientSampleId :
EPE-109-3(0-5)

Manual Integrations
APPROVED

SOHIL
11/21/2017 2:16:36 PM

Quant Time: Nov 21 05:49:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration





#1

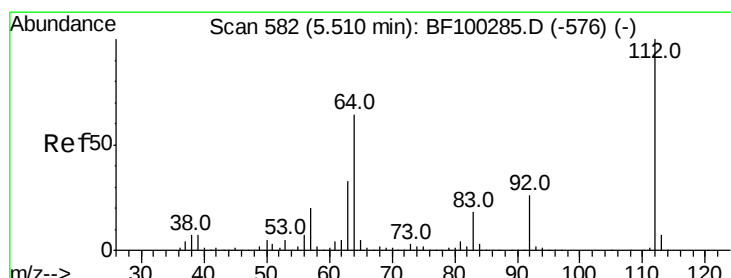
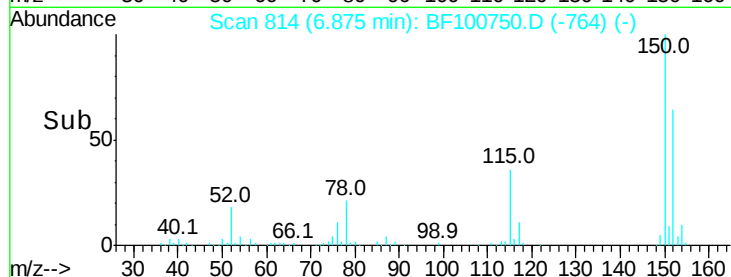
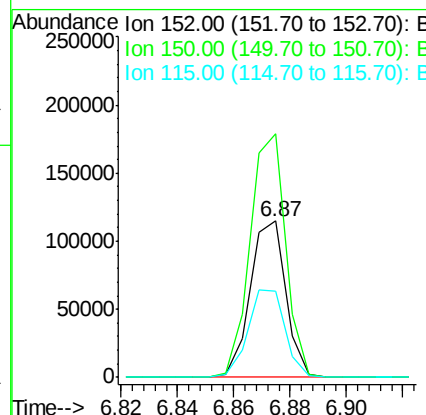
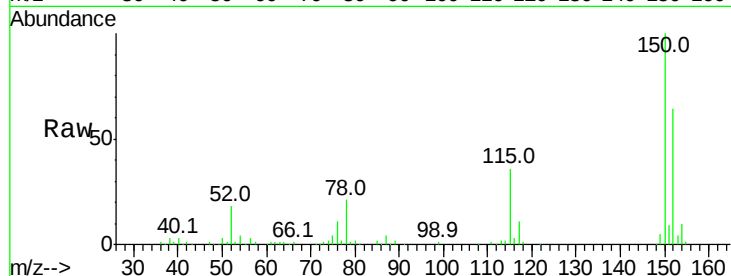
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100750.D
Acq: 21 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :
EPE-109-3(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	55.4	50.1	75.1

Manual Integrations
APPROVED

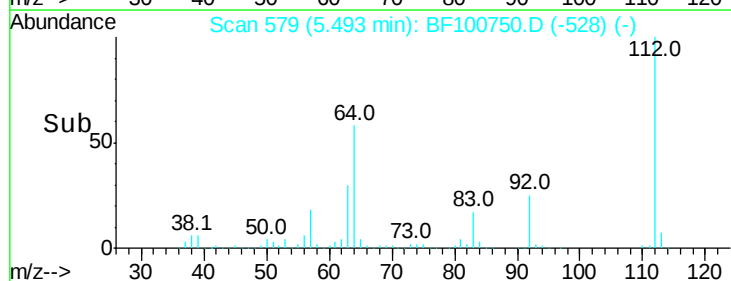
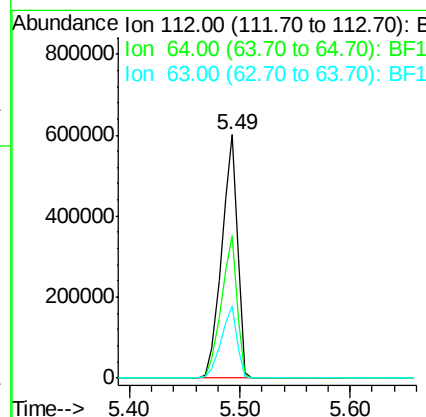
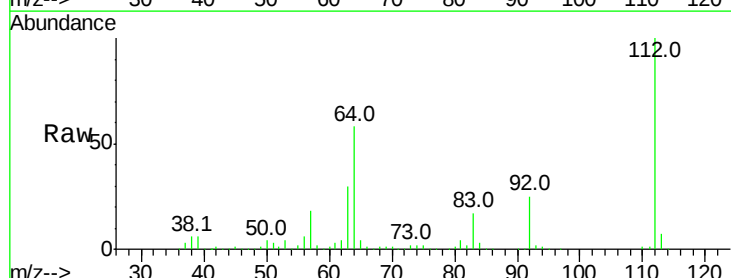
SOHIL
11/21/2017 2:16:36 PM



#5

2-Fluorophenol
Concen: 95.394 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF100750.D
Acq: 21 Nov 2017 00:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	29.8	23.7	35.5





#7

Phenol-d6

Concen: 91.926 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100750.D

Acq: 21 Nov 2017 00:21

Instrument :

BNA_F

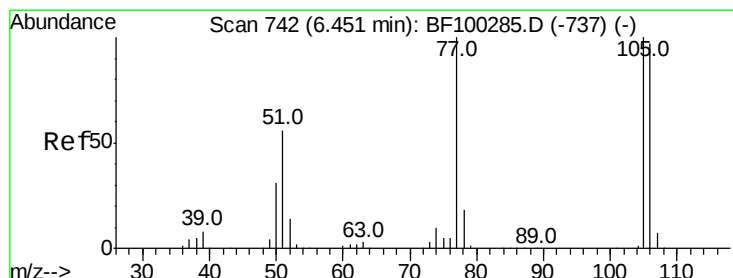
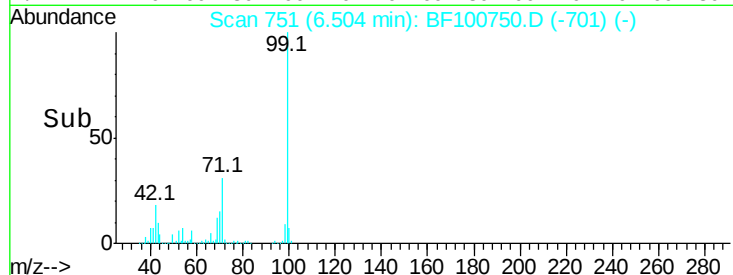
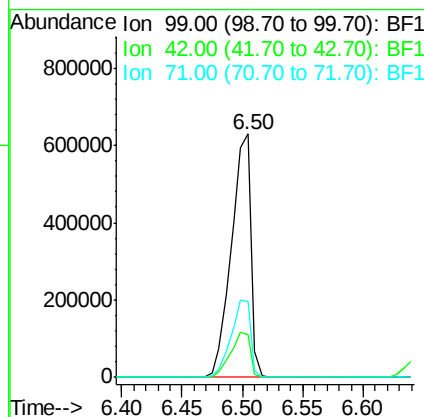
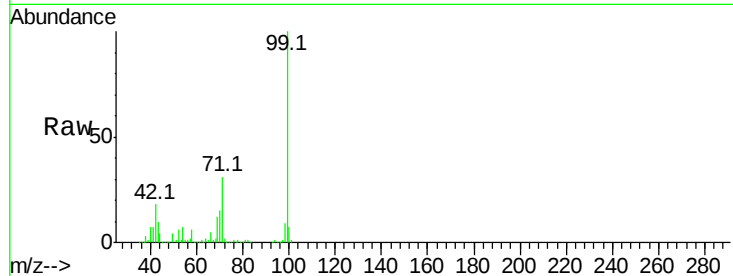
ClientSampleId :

EPE-109-3(0-5)

Tot Ion:	99	Resp:	707470
Ion Ratio	Lower	Upper	
99	100		
42	17.8	14.5	21.7
71	31.4	25.4	38.0

Manual Integrations
APPROVED

SOHIL
11/21/2017 2:16:36 PM



#9

Benzaldehyde

Concen: 2.044 ng

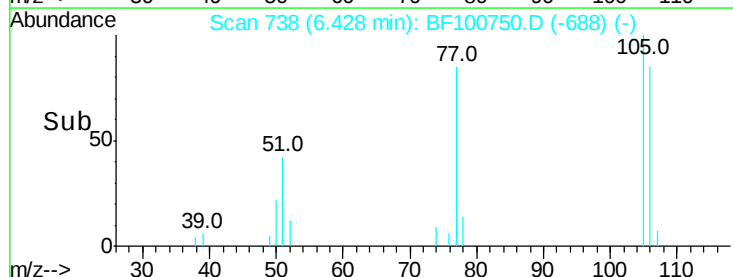
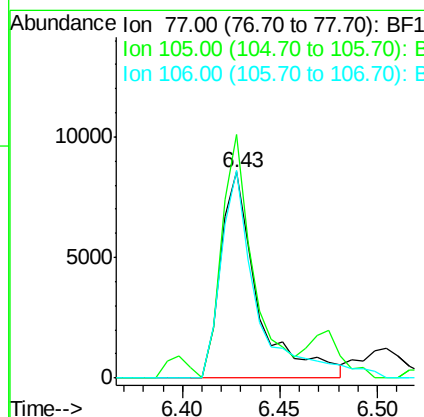
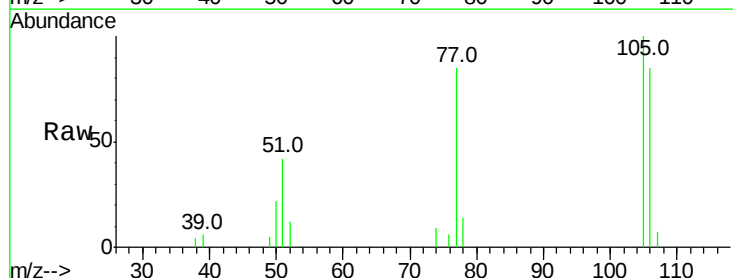
RT: 6.43 min Scan# 738

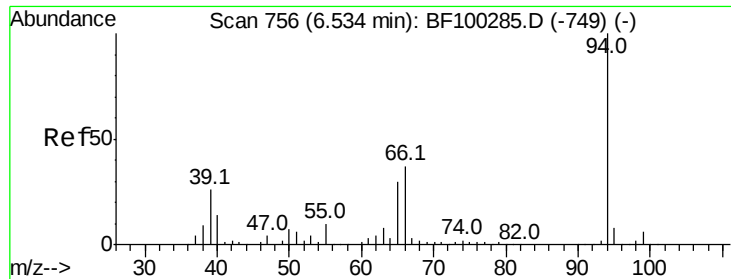
Delta R.T. -0.01 min

Lab File: BF100750.D

Acq: 21 Nov 2017 00:21

Tgt Ion:	77	Resp:	11234
Ion Ratio	Lower	Upper	
77	100		
105	118.2	81.1	121.1
106	100.6	74.5	114.5





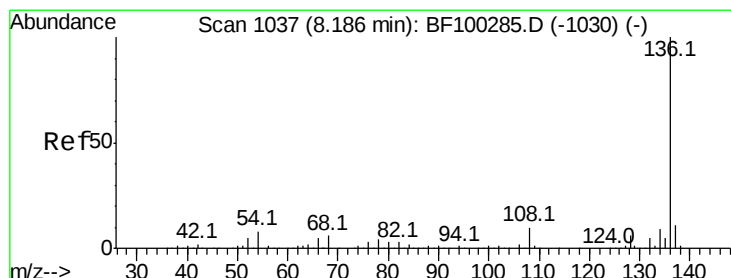
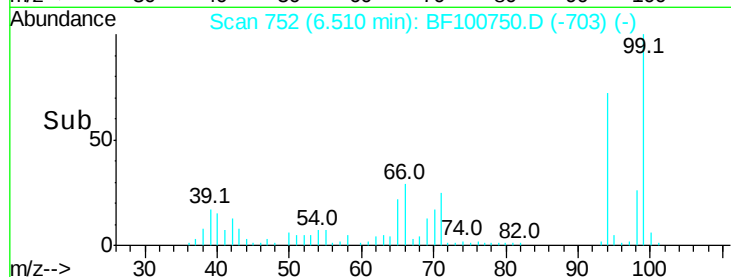
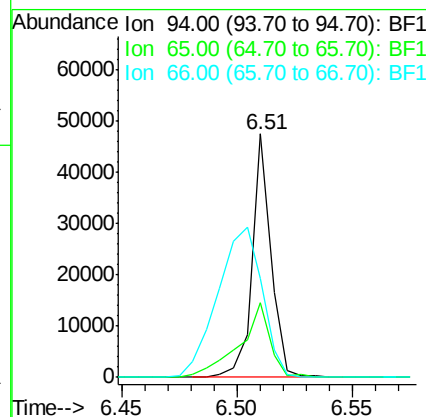
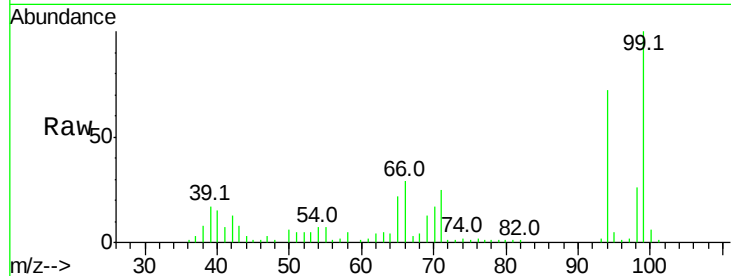
#10
Phenol
Concen: 3.358 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF100750.D
Acq: 21 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :
EPE-109-3(0-5)

Tot Ion	Ratio	Lower	Upper
94	100		
65	30.7	7.9	47.9
66	40.8	16.2	56.2

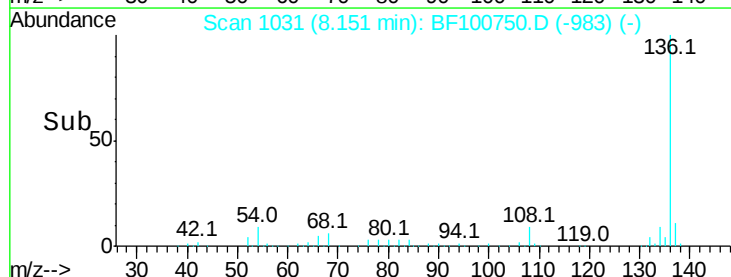
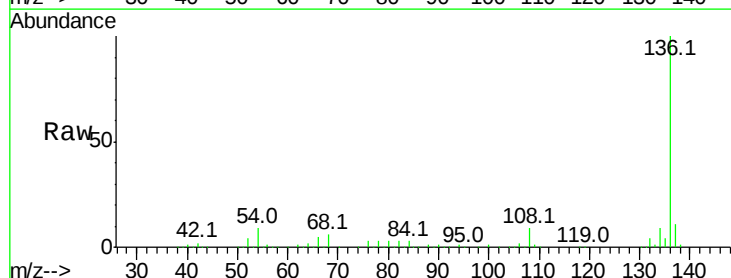
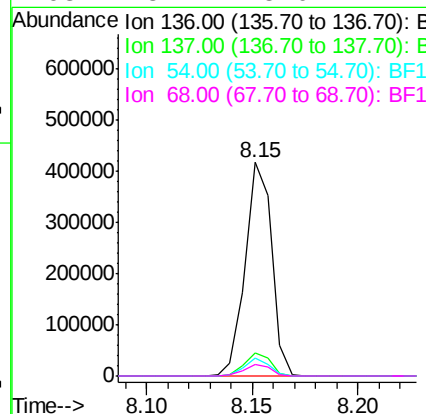
Manual Integrations
APPROVED

SOHIL
11/21/2017 2:16:36 PM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100750.D
Acq: 21 Nov 2017 00:21

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.5	6.6	9.8
68	5.7	5.0	7.4





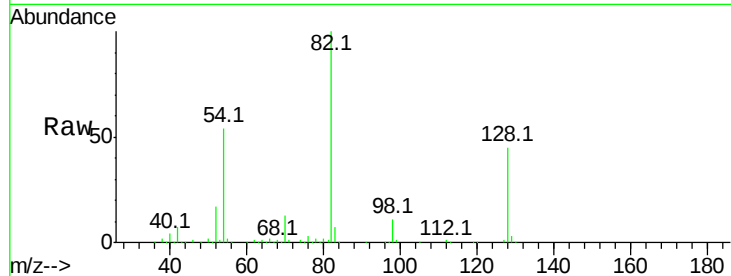
#23
Nitrobenzene-d5
Concen: 78.111 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100750.D
Acq: 21 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :
EPE-109-3(0-5)

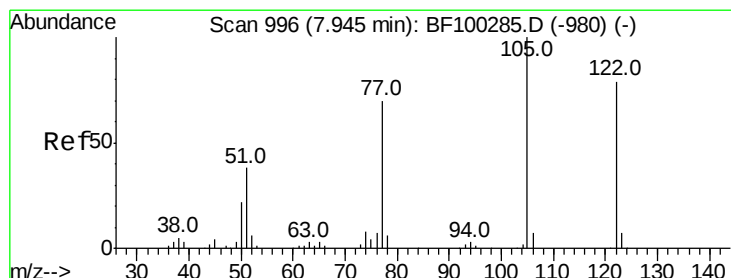
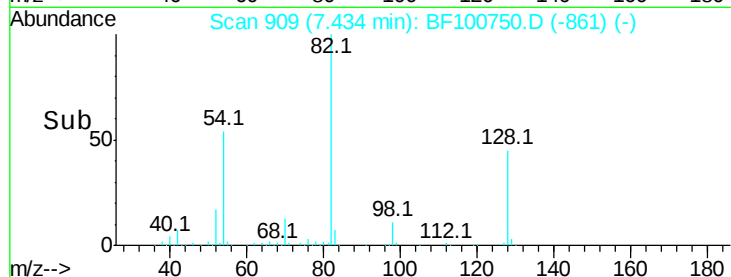
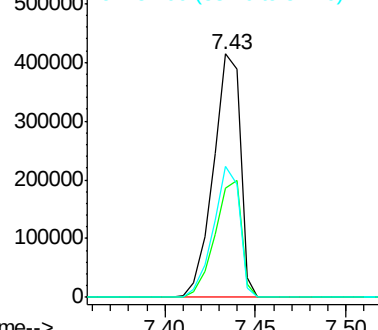
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.1	36.1	54.1	
54	53.6	41.4	62.2	

Manual Integrations
APPROVED

SOHIL
11/21/2017 2:16:36 PM

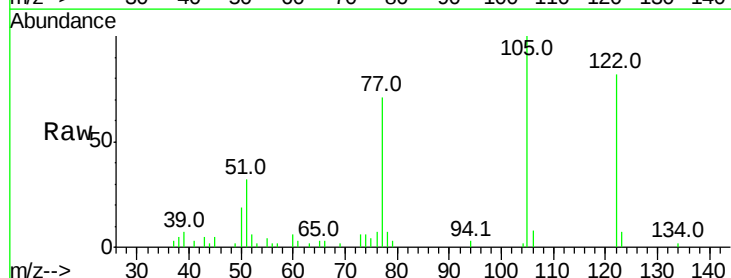


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

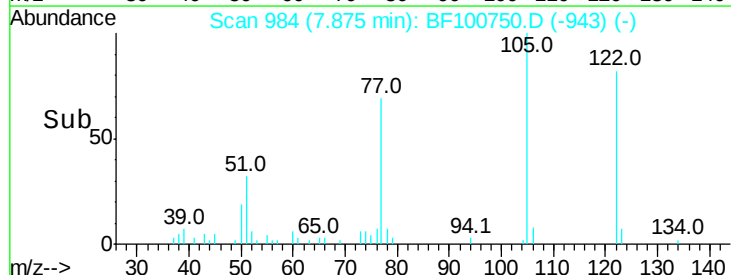
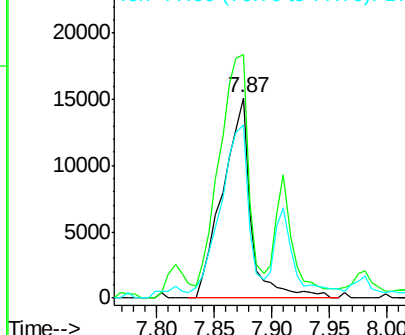


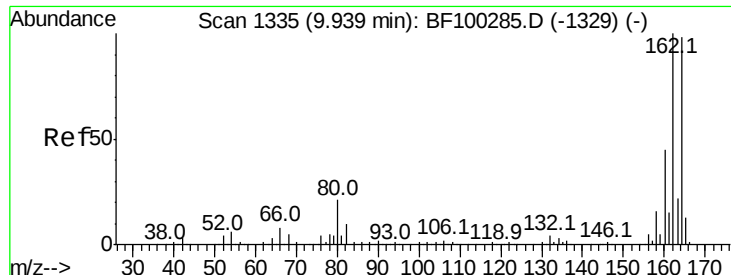
#32
Benzoic acid
Concen: 14.611 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.06 min
Lab File: BF100750.D
Acq: 21 Nov 2017 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	121.6	101.1	141.1	
77	86.4	70.7	110.7	



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





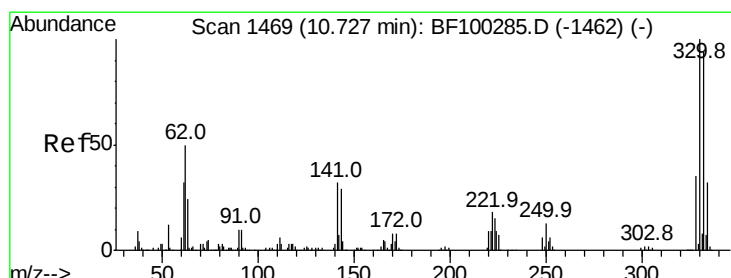
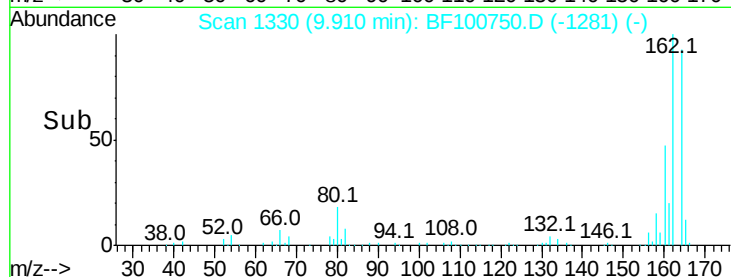
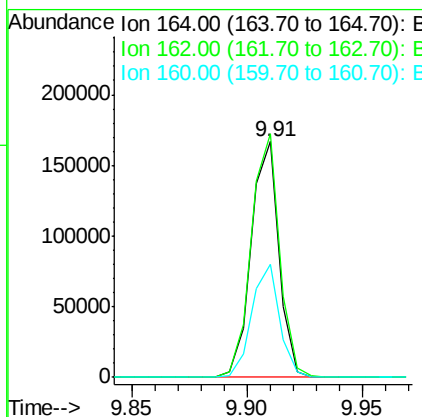
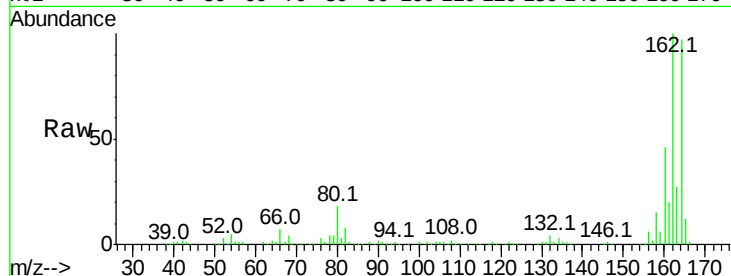
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100750.D
Acq: 21 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :
EPE-109-3(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	140018		
162	103.3	86.1	129.1	
160	47.9	38.3	57.5	

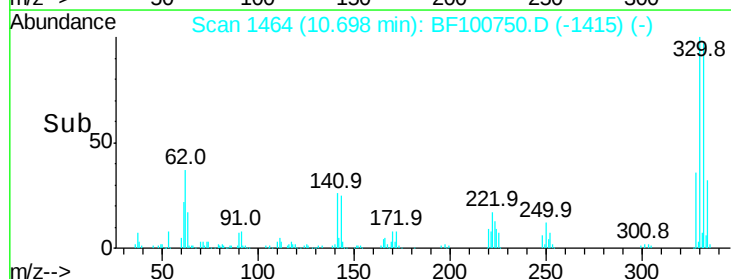
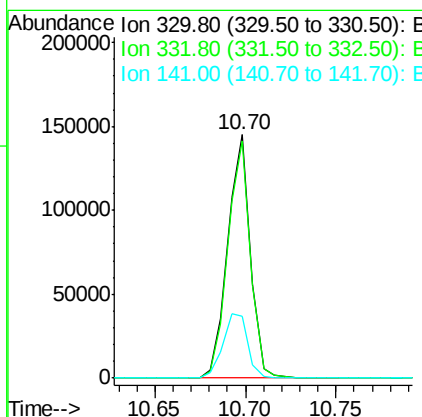
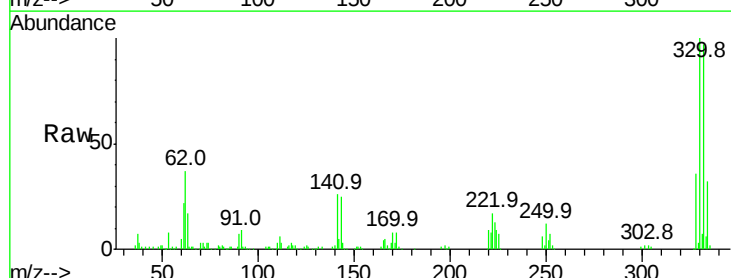
Manual Integrations
APPROVED

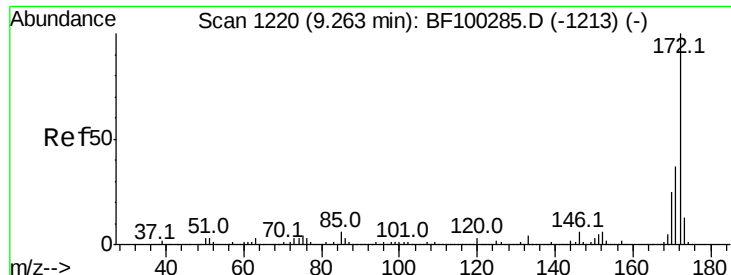
SOHIL
11/21/2017 2:16:36 PM



#41
2,4,6-Tribromophenol
Concen: 88.622 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100750.D
Acq: 21 Nov 2017 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	126445		
332	97.1	77.0	115.6	
141	29.2	29.9	44.9#	





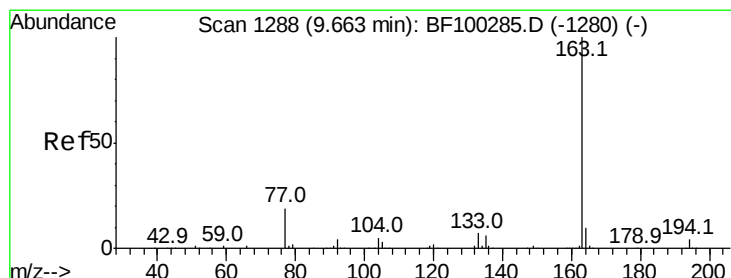
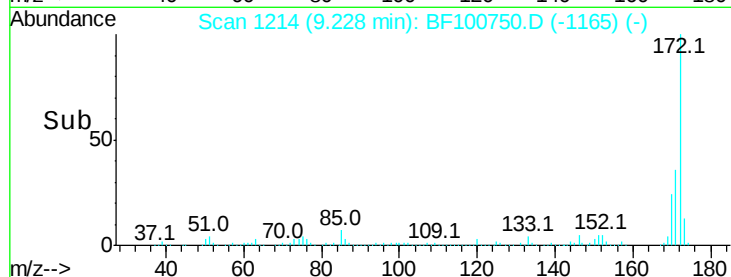
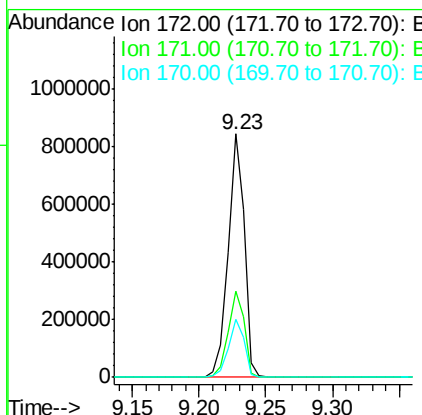
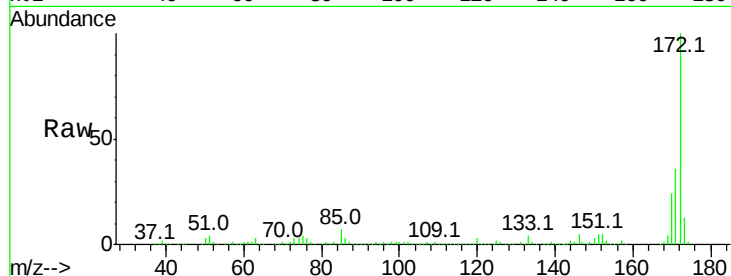
#44
2-Fluorobiphenyl
Concen: 78.971 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100750.D
Acq: 21 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :
EPE-109-3(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	726161		
171	35.6		29.7	44.5
170	23.6		19.6	29.4

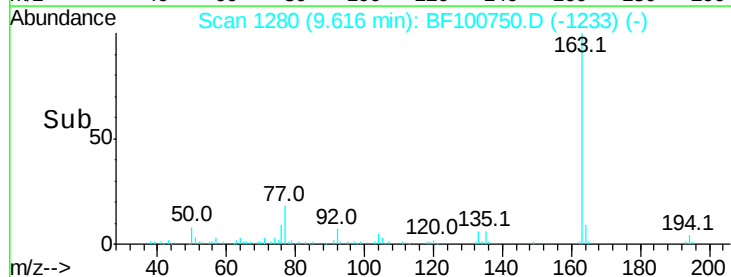
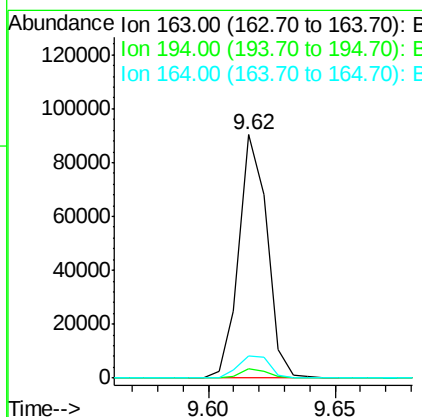
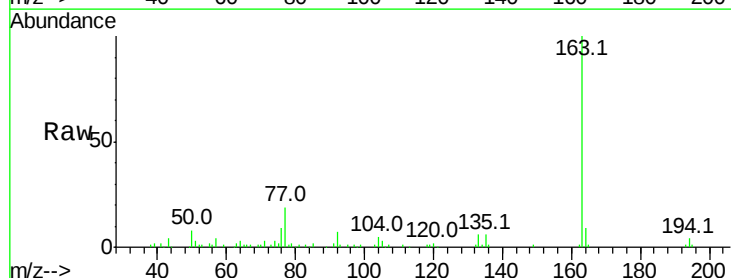
Manual Integrations
APPROVED

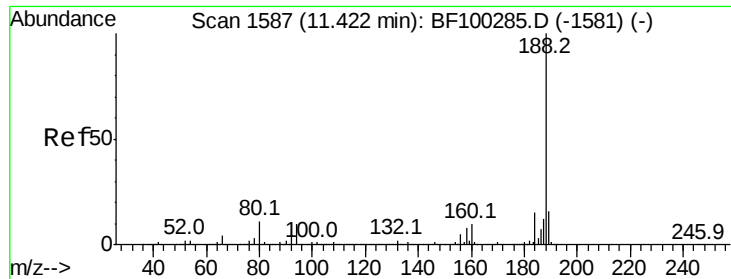
SOHIL
11/21/2017 2:16:36 PM



#49
Dimethylphthalate
Concen: 6.537 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF100750.D
Acq: 21 Nov 2017 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	69883		
194	3.9		2.7	4.1
164	9.3		8.2	12.2





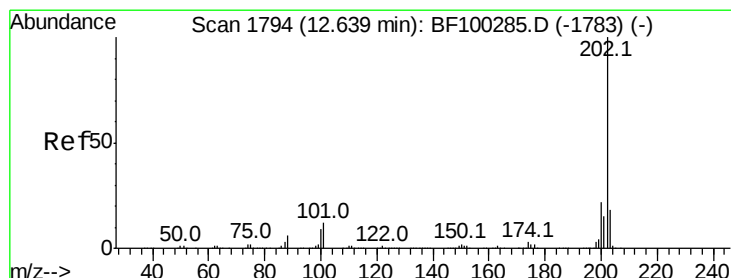
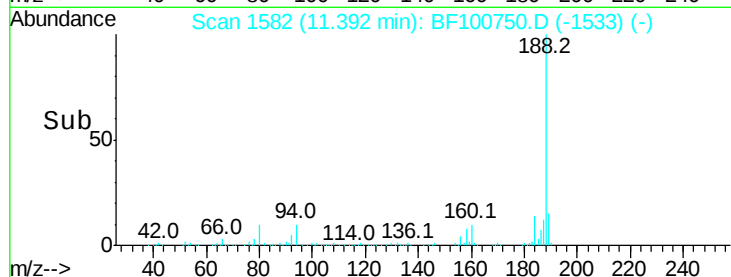
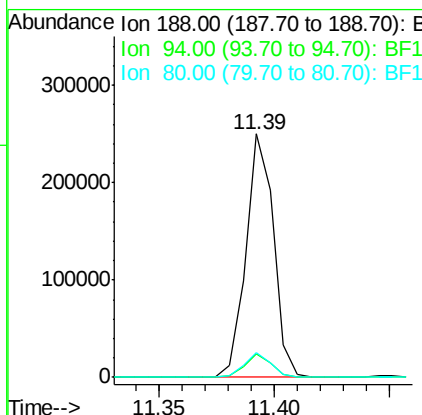
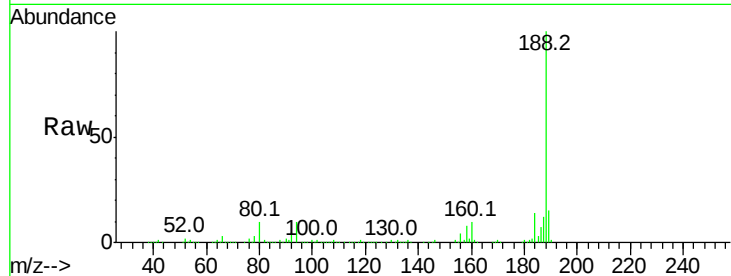
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100750.D
Acq: 21 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :
EPE-109-3(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	209071		
94	9.8		8.5	12.7
80	10.4		9.2	13.8

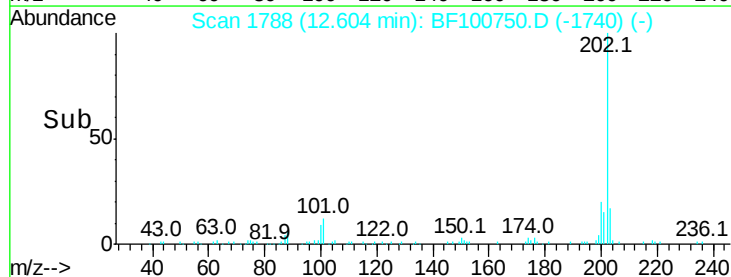
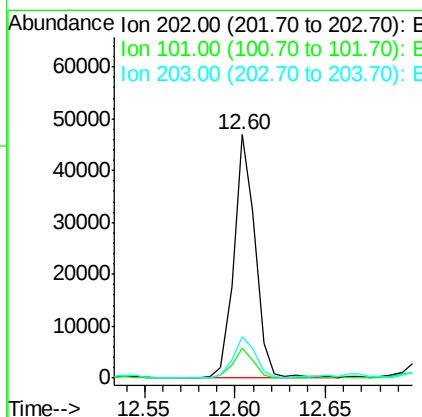
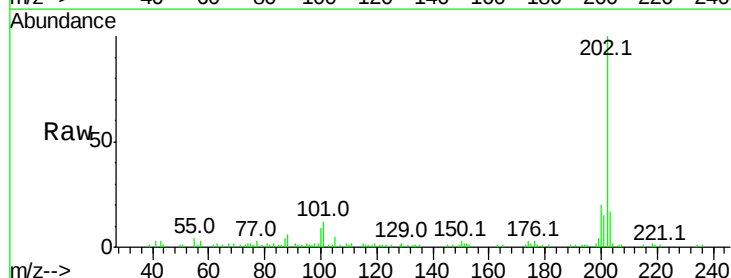
Manual Integrations
APPROVED

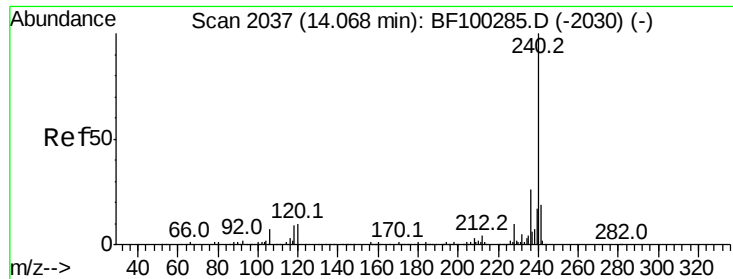
SOHIL
11/21/2017 2:16:36 PM



#74
Fluoranthene
Concen: 3.283 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BF100750.D
Acq: 21 Nov 2017 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	38304		
101	12.3		0.0	34.1
203	16.8		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF100750.D

Acq: 21 Nov 2017 00:21

Instrument :

BNA_F

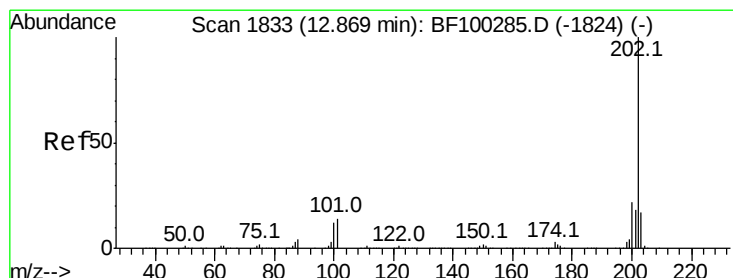
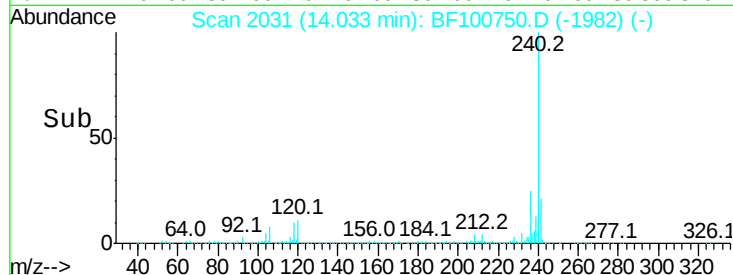
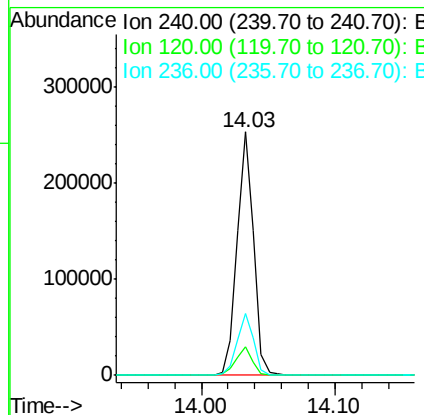
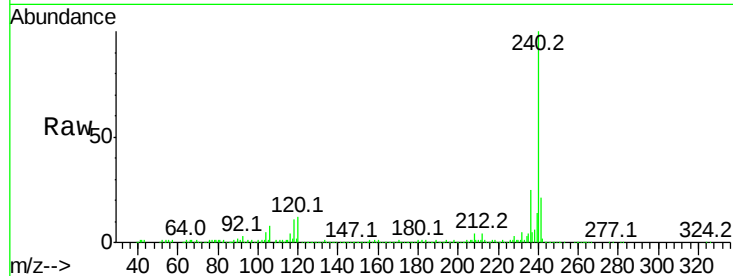
ClientSampleId :

EPE-109-3(0-5)

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.3	20.7	31.1

Manual Integrations
APPROVED

SOHIL
11/21/2017 2:16:36 PM



#77

Pyrene

Concen: 2.859 ng

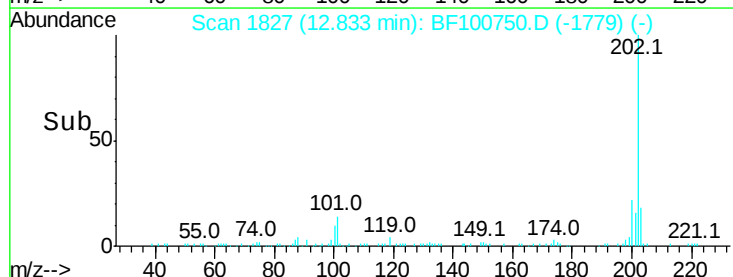
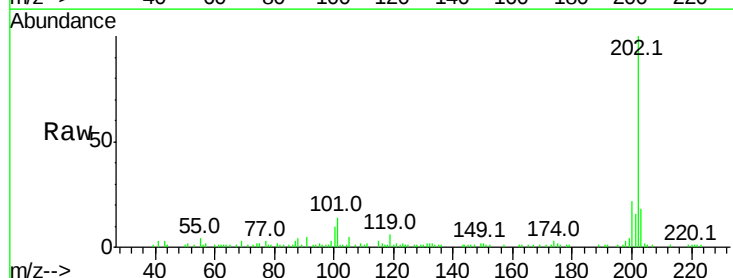
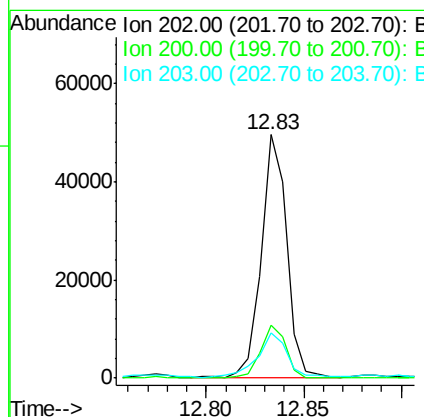
RT: 12.83 min Scan# 1827

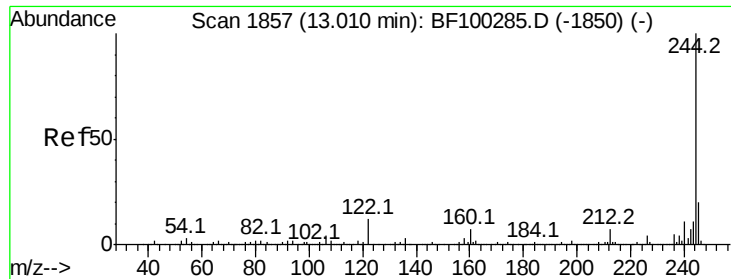
Delta R.T. -0.02 min

Lab File: BF100750.D

Acq: 21 Nov 2017 00:21

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.5	14.3	21.5





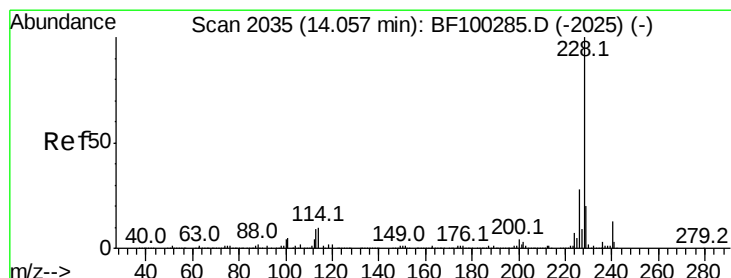
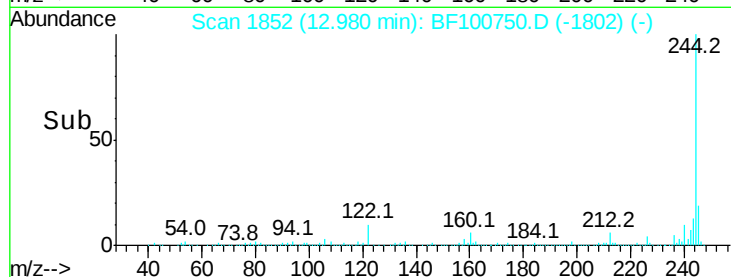
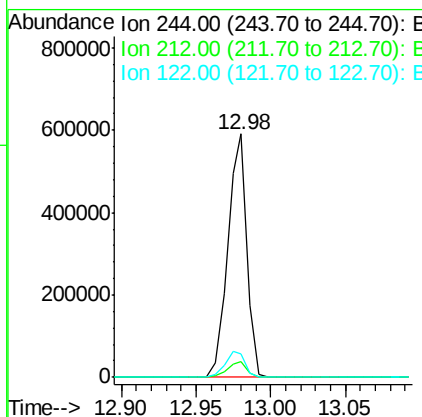
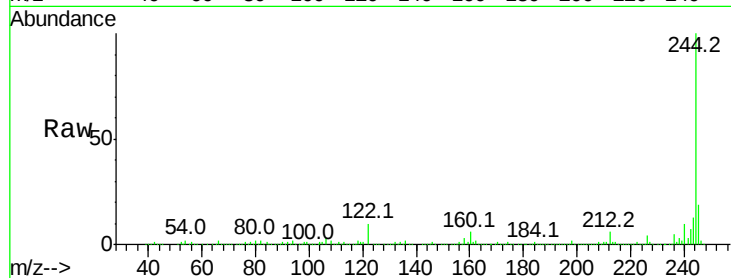
#78
 Terphenyl-d14
 Concen: 55.588 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF100750.D
 Acq: 21 Nov 2017 00:21

Instrument :
 BNA_F
 ClientSampleId :
 EPE-109-3(0-5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.7	11.0	16.4

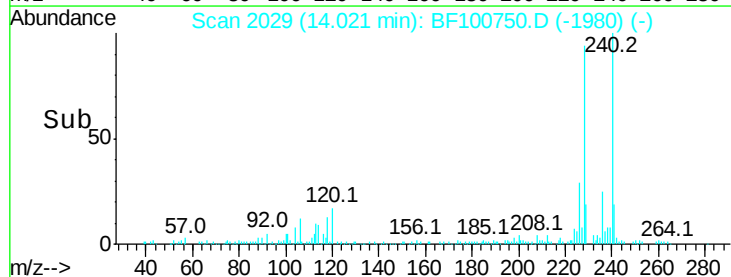
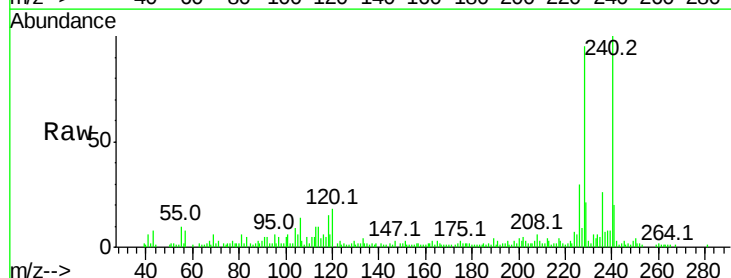
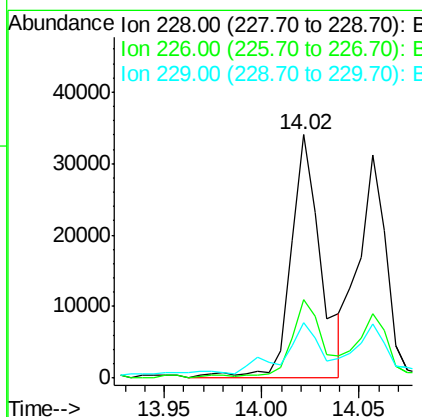
Manual Integrations
 APPROVED

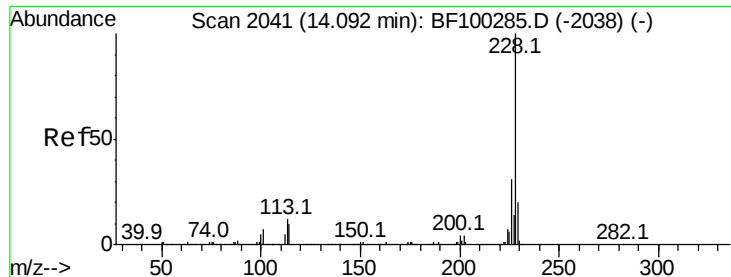
SOHIL
 11/21/2017 2:16:36 PM



#80
 Benzo(a)anthracene
 Concen: 2.715 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF100750.D
 Acq: 21 Nov 2017 00:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.6	33.8
229	22.6	15.8	23.6





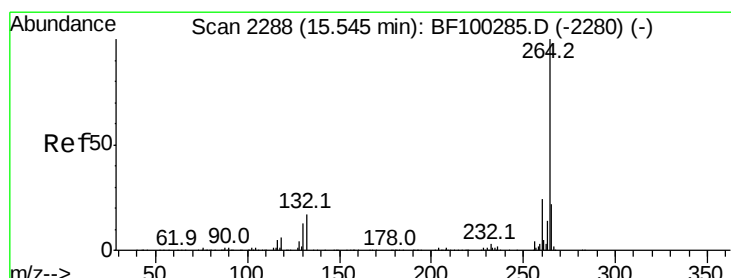
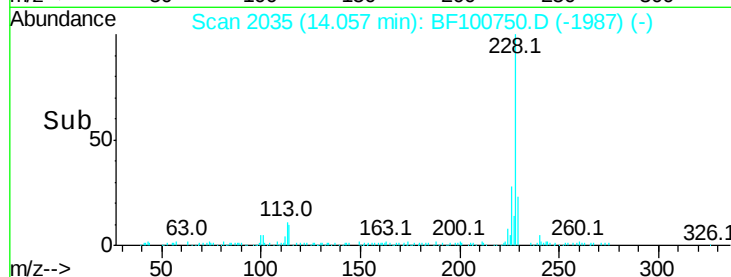
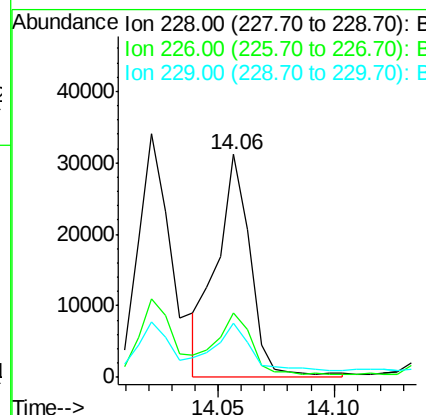
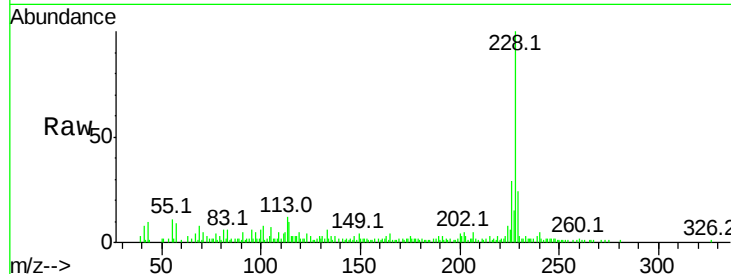
#82
Chrysene
Concen: 2.463 ng/mL
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF100750.D
Acq: 21 Nov 2017 00:21

Instrument :
BNA_F
ClientSampleId :
EPE-109-3(0-5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	24.4	16.2	24.4

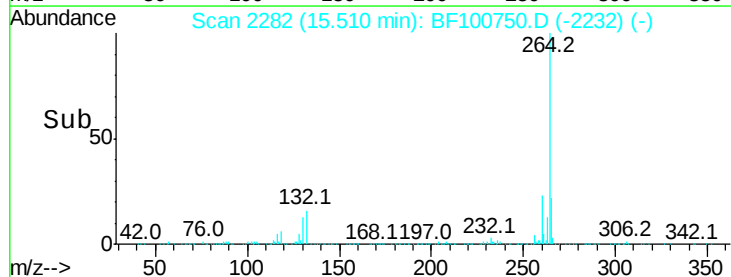
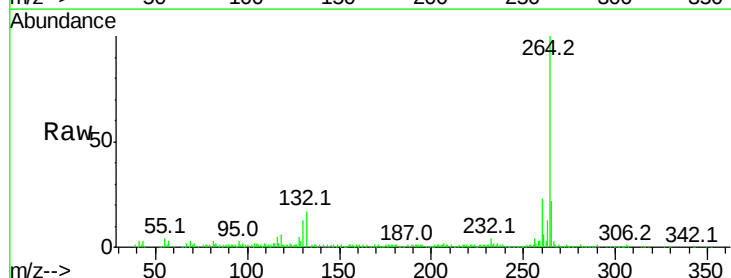
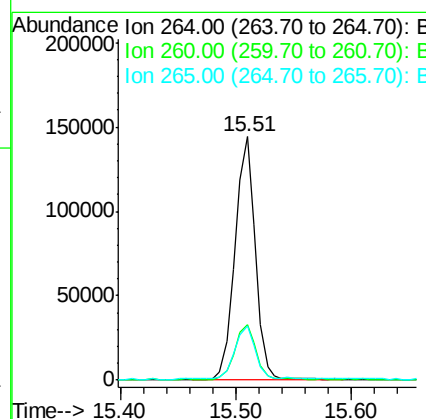
Manual Integrations
APPROVED

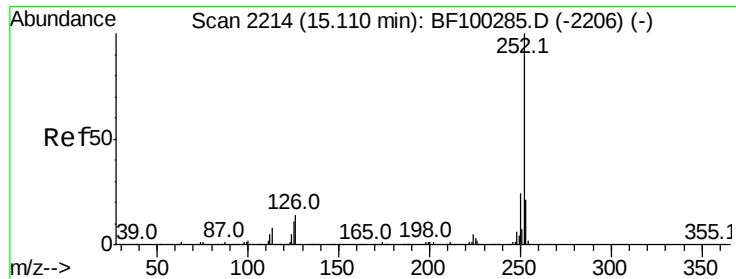
SOHIL
11/21/2017 2:16:36 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100750.D
Acq: 21 Nov 2017 00:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 4.283 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF100750.D

Acq: 21 Nov 2017 00:21

Instrument :

BNA_F

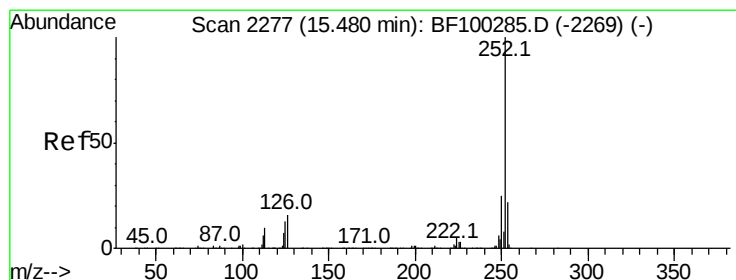
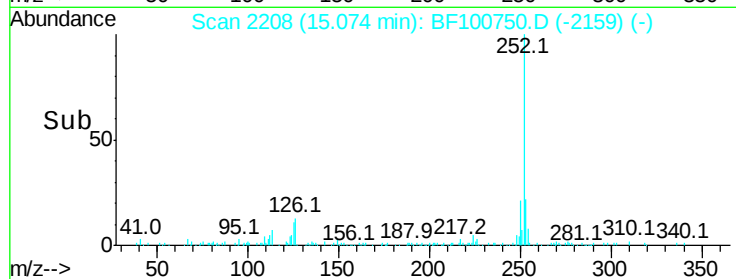
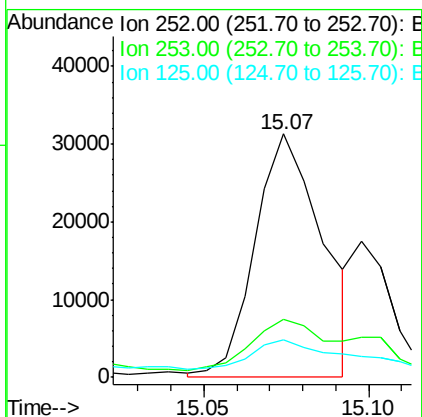
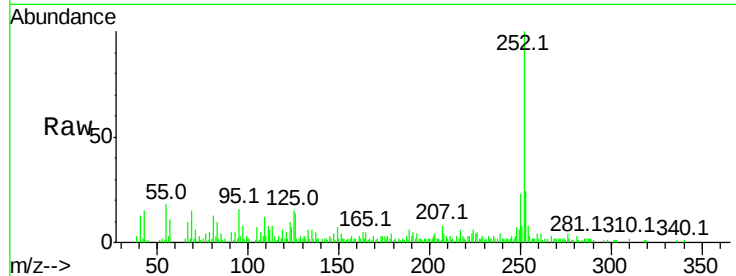
ClientSampleId :

EPE-109-3(0-5)

Tot Ion:	252	Resp:	44362
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.0	25.6
125	15.3	9.0	13.6#

Manual Integrations
APPROVED

SOHIL
11/21/2017 2:16:36 PM



#89

Benzo(a)pyrene

Concen: 2.948 ng

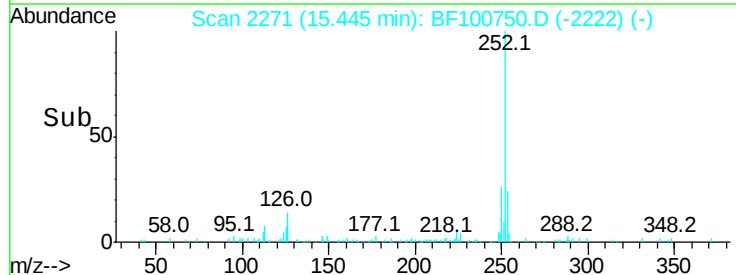
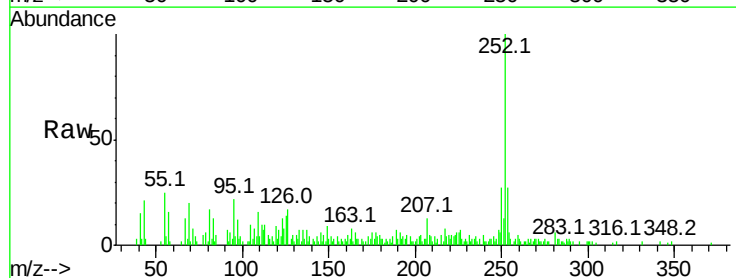
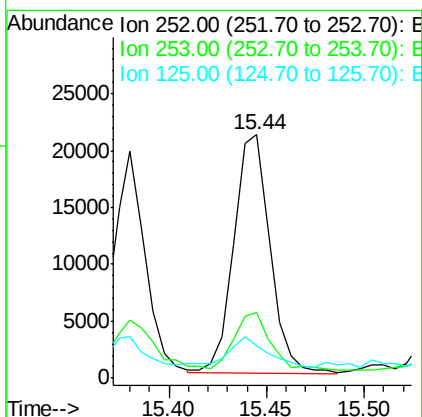
RT: 15.44 min Scan# 2271

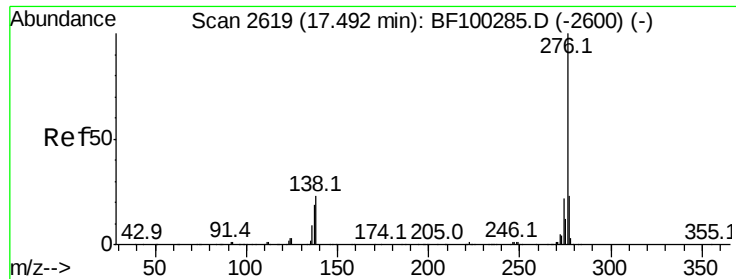
Delta R.T. -0.01 min

Lab File: BF100750.D

Acq: 21 Nov 2017 00:21

Tgt Ion:	252	Resp:	27066
Ion Ratio	Lower	Upper	
252	100		
253	26.9	17.1	25.7#
125	13.6	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.356 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. -0.02 min
 Lab File: BF100750.D
 Acq: 21 Nov 2017 00:21

Instrument :
 BNA_F
 ClientSampleId :
 EPE-109-3(0-5)

Tot Ion	Ratio	Lower	Upper
276	100		
277	30.4	17.9	26.9#
138	26.6	21.8	32.8

Manual Integrations
 APPROVED

SOHIL
 11/21/2017 2:16:36 PM

