

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
 Data File : BF100590.D
 Acq On : 15 Nov 2017 16:11
 Operator : SJ/JU
 Sample : I6422-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-2(0-5)

Manual Integrations
 APPROVED

SOHIL
 11/16/2017 6:18:30 PM

Quant Time: Nov 16 04:11:17 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	129864	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	487267	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	191601	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	285460	20.00	ng	0.00
75) Chrysene-d12	14.04	240	270930	20.00	ng	-0.01
86) Perylene-d12	15.52	264	252742	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	563352	69.54	ng	0.00
7) Phenol-d6	6.50	99	705877	70.66	ng	-0.01
23) Nitrobenzene-d5	7.45	82	440763	59.80	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	107304	54.96	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	795789	63.24	ng	0.00
78) Terphenyl-d14	12.99	244	523084	44.36	ng	0.00
Target Compounds						
10) Phenol	6.52	94	36535	3.484	ng	Qvalue 95
49) Dimethylphthalate	9.63	163	81234	5.553	ng	99
70) Phenanthrene	11.43	178	59694	3.972	ng	98
74) Fluoranthene	12.62	202	61889	3.885	ng	97
77) Pyrene	12.84	202	57496	2.977	ng	97
82) Chrysene	14.06	228	34318m	2.172	ng	
83) Bis(2-ethylhexyl)phthalate	14.02	149	28718	2.772	ng	# 99
87) Benzo(b)fluoranthene	15.08	252	41752m	2.788	ng	

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

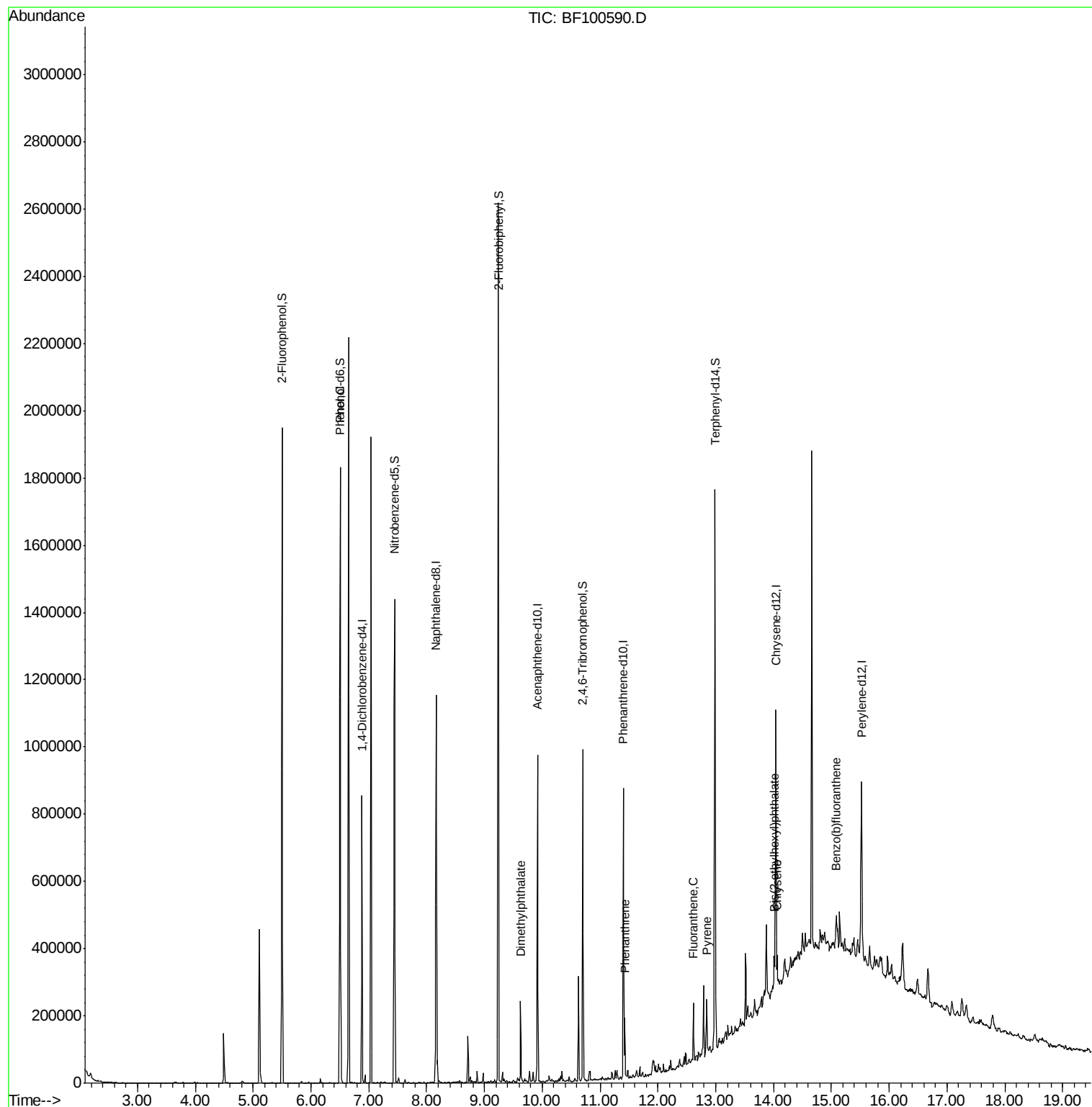
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100590.D
Acq On : 15 Nov 2017 16:11
Operator : SJ/JU
Sample : I6422-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

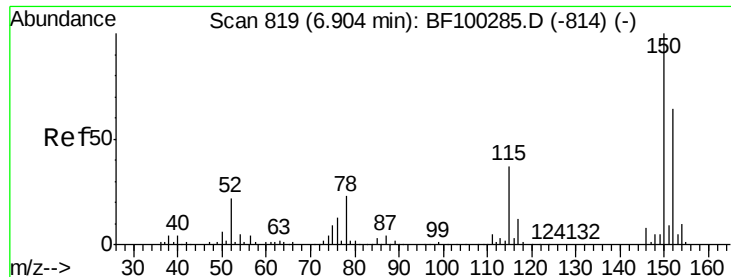
Instrument :
BNA_F
ClientSampleId :
EPE-120-2(0-5)

Manual Integrations
APPROVED

SOHIL
11/16/2017 6:18:30 PM

Quant Time: Nov 16 04:11:17 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 13:27:38 2017
Response via : Initial Calibration





#1

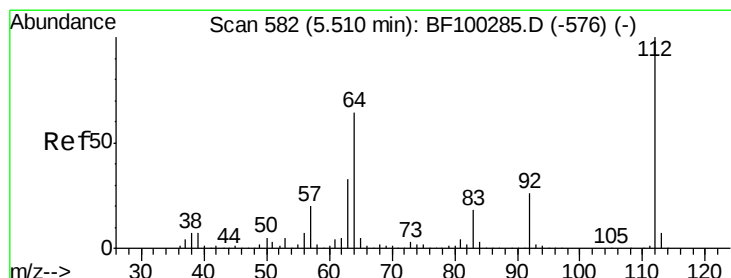
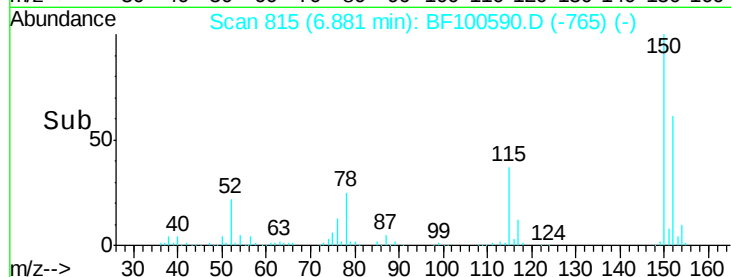
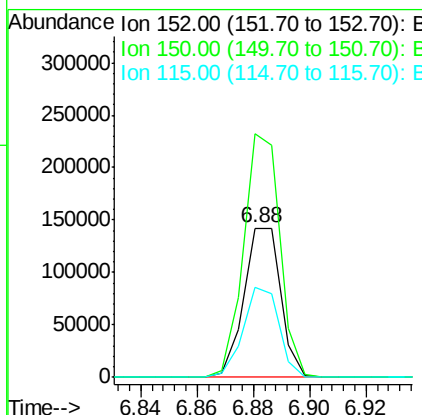
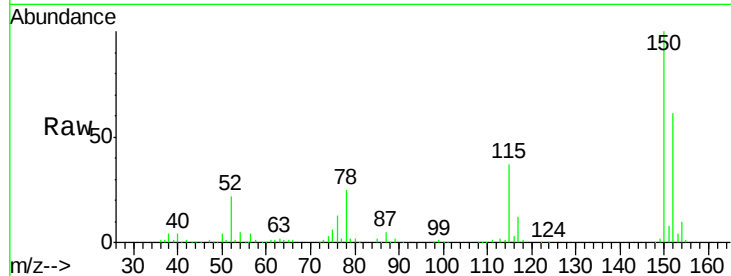
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100590.D
Acq: 15 Nov 2017 16:11

Instrument :
BNA_F
ClientSampleId :
EPE-120-2(0-5)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.8	124.6	186.8
115	60.4	50.1	75.1

Manual Integrations
APPROVED

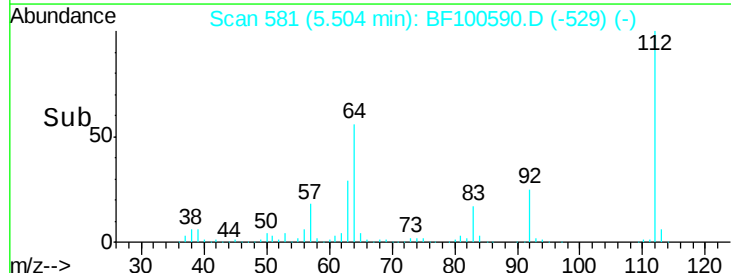
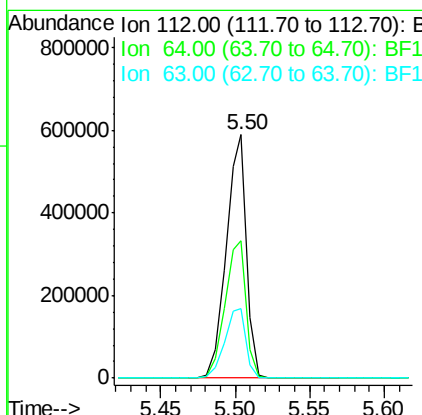
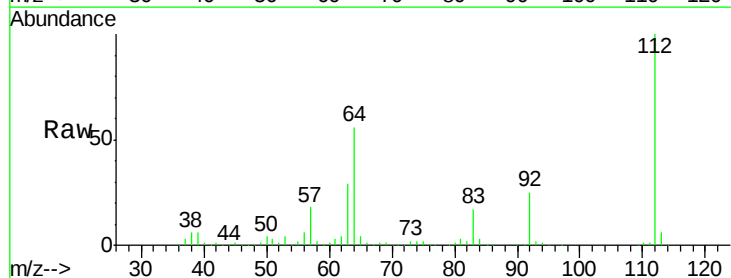
SOHIL
11/16/2017 6:18:30 PM



#5

2-Fluorophenol
Concen: 69.538 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100590.D
Acq: 15 Nov 2017 16:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.9	71.9
63	28.5	23.7	35.5





#7

Phenol-d6

Concen: 70.658 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100590.D

Acq: 15 Nov 2017 16:11

Instrument :

BNA_F

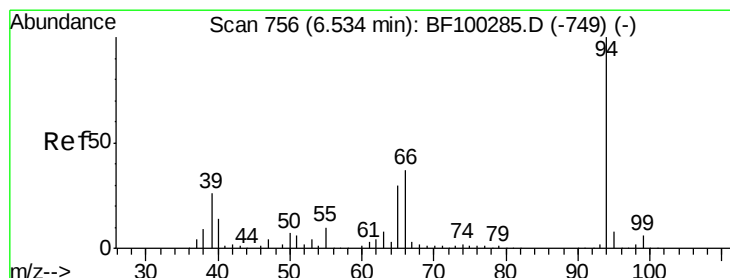
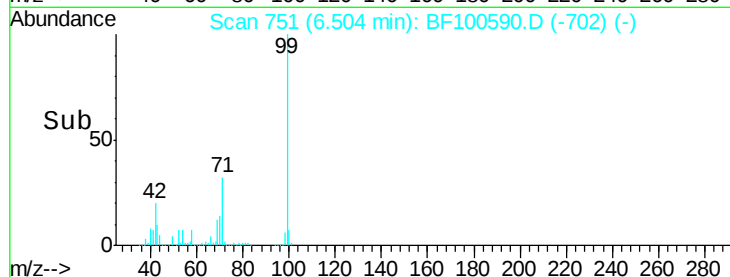
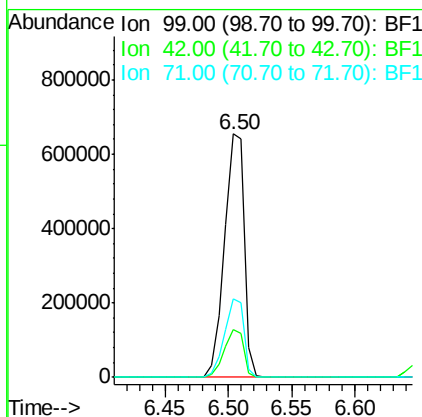
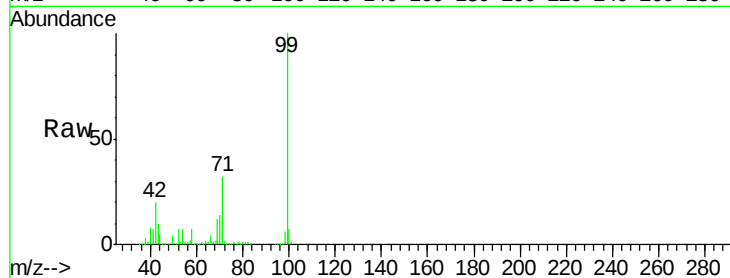
ClientSampleId :

EPE-120-2(0-5)

Tgt Ion:	99	Resp:	705877
Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	32.1	25.4	38.0

Manual Integrations
APPROVED

SOHIL
11/16/2017 6:18:30 PM



#10

Phenol

Concen: 3.484 ng

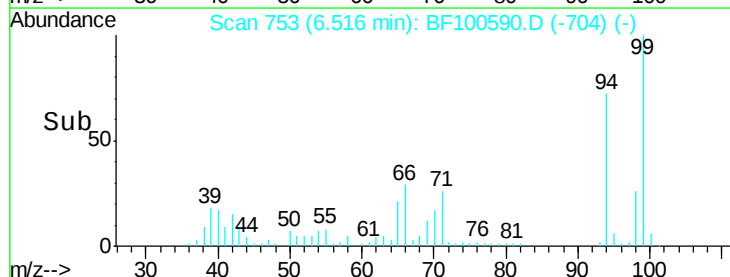
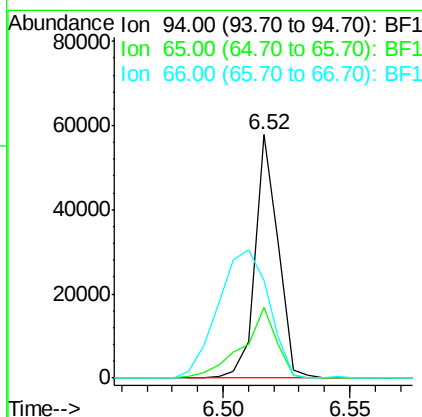
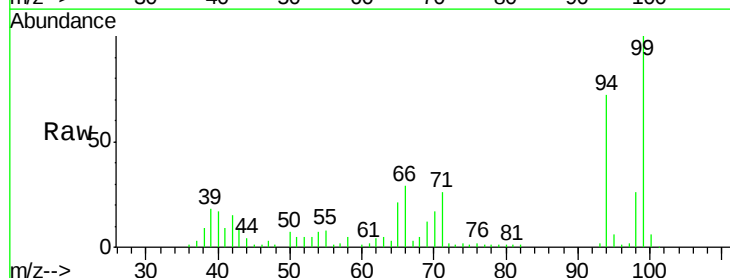
RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100590.D

Acq: 15 Nov 2017 16:11

Tgt Ion:	94	Resp:	36535
Ion	Ratio	Lower	Upper
94	100		
65	29.2	7.9	47.9
66	40.1	16.2	56.2





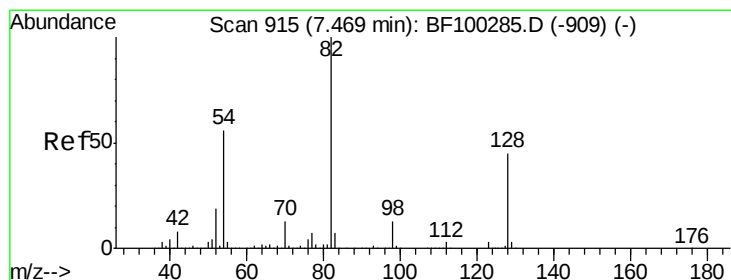
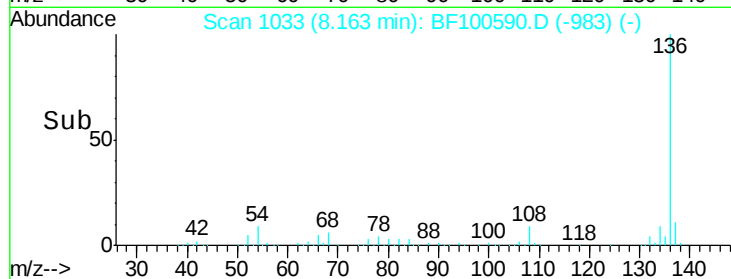
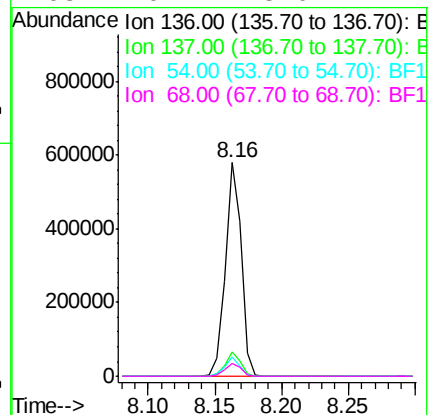
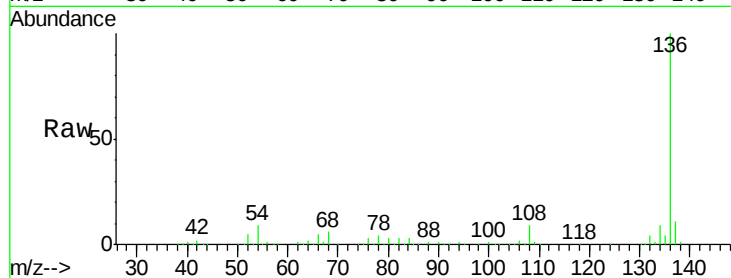
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100590.D
Acq: 15 Nov 2017 16:11

Instrument :
BNA_F
ClientSampleId :
EPE-120-2(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	487267		
137	11.5	8.9	13.3	
54	8.9	6.6	9.8	
68	6.2	5.0	7.4	

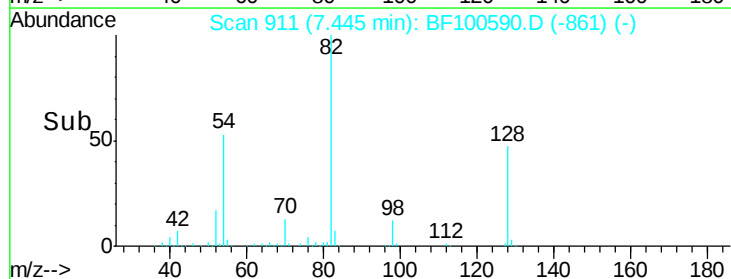
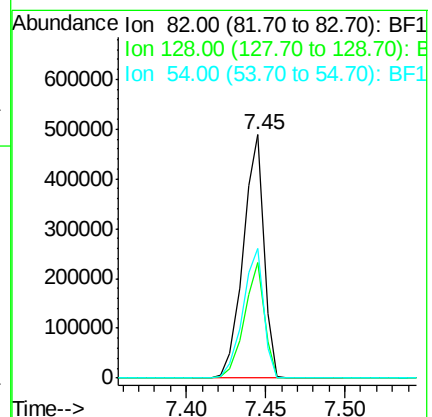
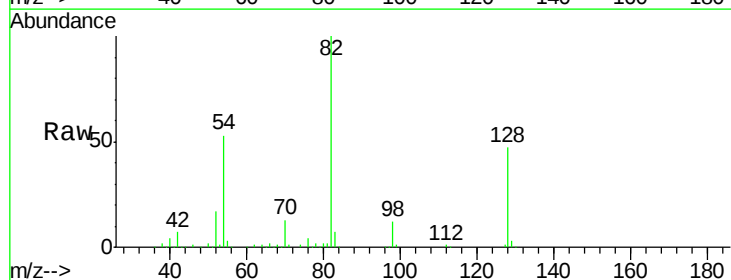
Manual Integrations
APPROVED

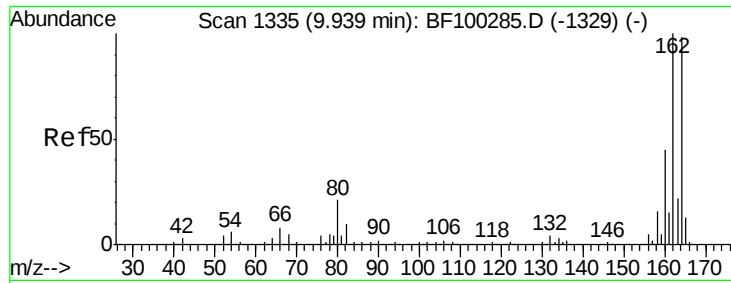
SOHIL
11/16/2017 6:18:30 PM



#23
Nitrobenzene-d5
Concen: 59.804 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100590.D
Acq: 15 Nov 2017 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	440763		
128	47.5	36.1	54.1	
54	53.2	41.4	62.2	





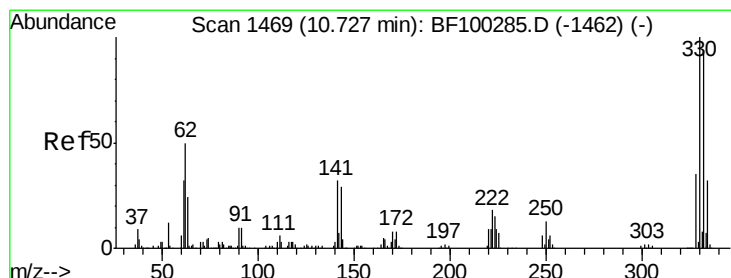
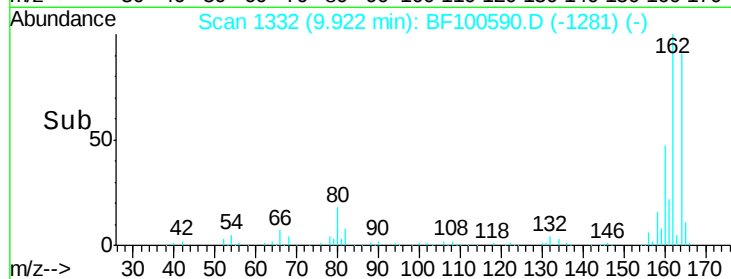
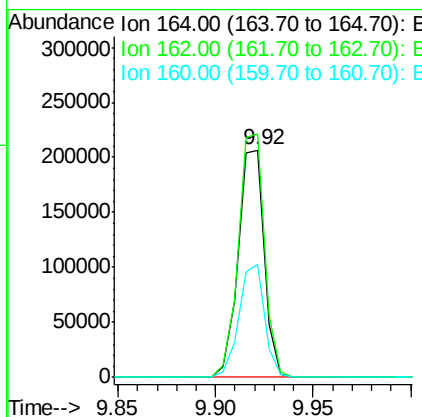
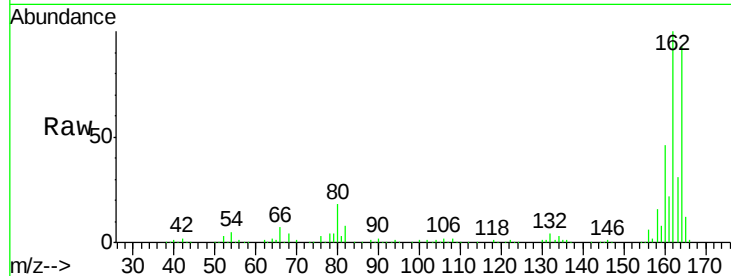
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF100590.D
 Acq: 15 Nov 2017 16:11

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-2(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	191601		
162	107.0	86.1	129.1	
160	49.7	38.3	57.5	

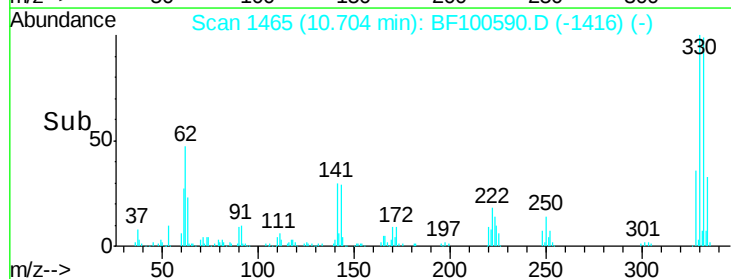
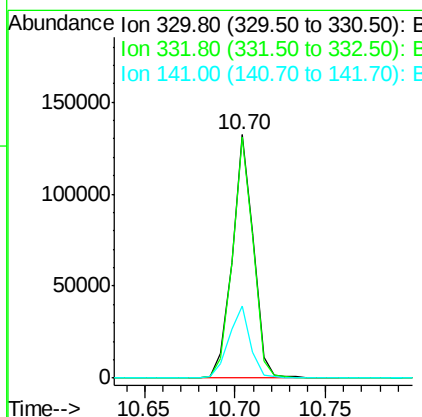
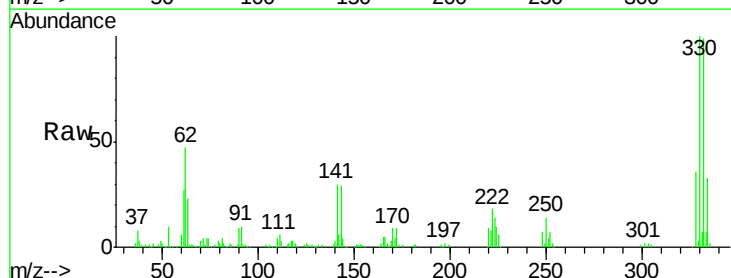
Manual Integrations
 APPROVED

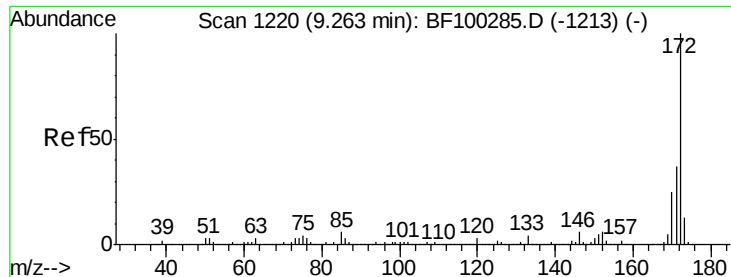
SOHIL
 11/16/2017 6:18:30 PM



#41
 2,4,6-Tribromophenol
 Concen: 54.960 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100590.D
 Acq: 15 Nov 2017 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	107304		
332	97.6	77.0	115.6	
141	29.7	29.9	44.9#	





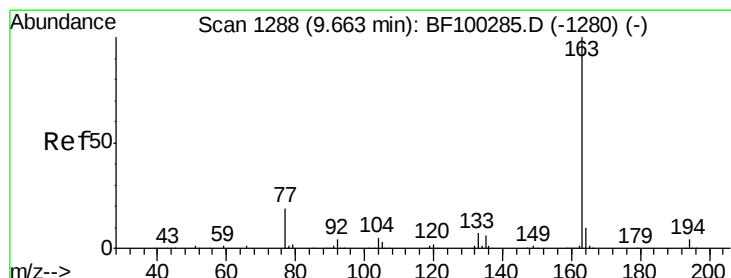
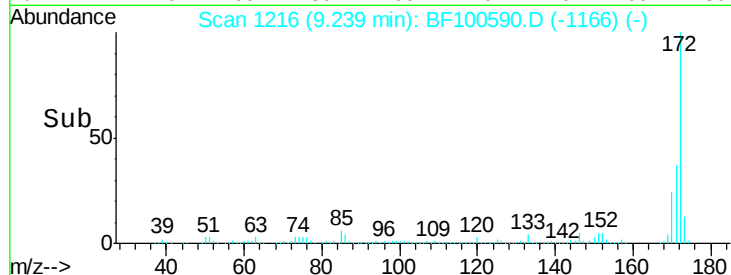
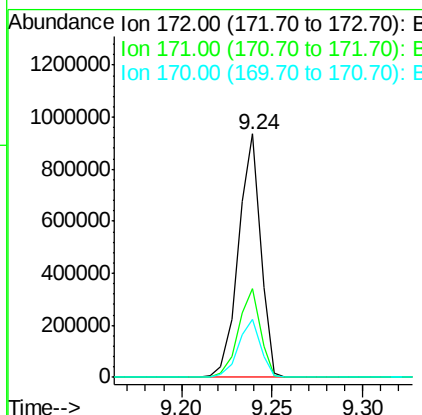
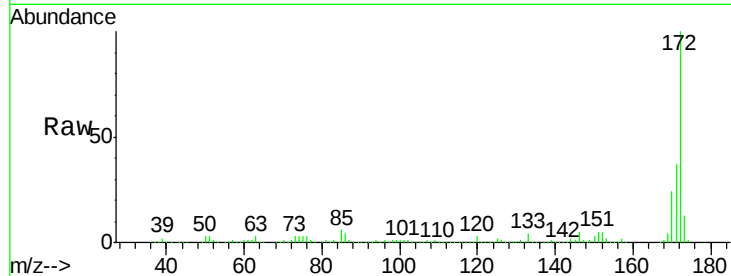
#44
2-Fluorobiphenyl
Concen: 63.244 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100590.D
Acq: 15 Nov 2017 16:11

Instrument :
BNA_F
ClientSampleId :
EPE-120-2(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	795789		
171	36.6		29.7	44.5
170	24.0		19.6	29.4

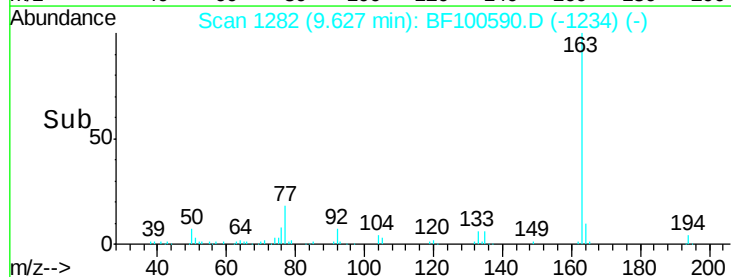
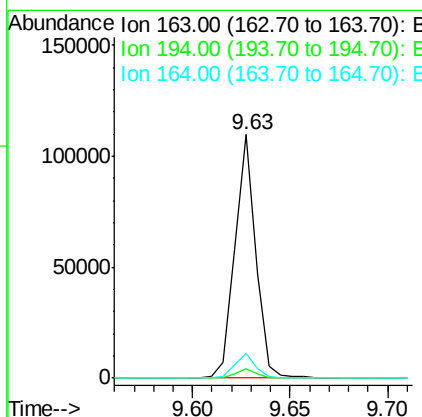
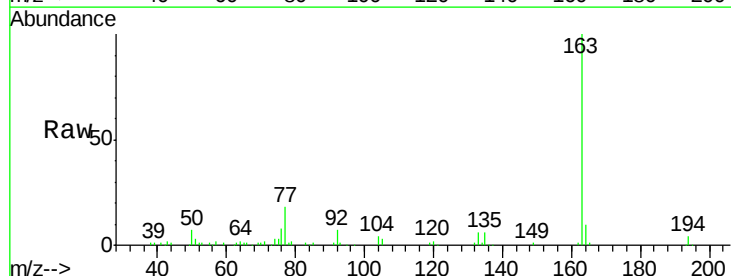
Manual Integrations
APPROVED

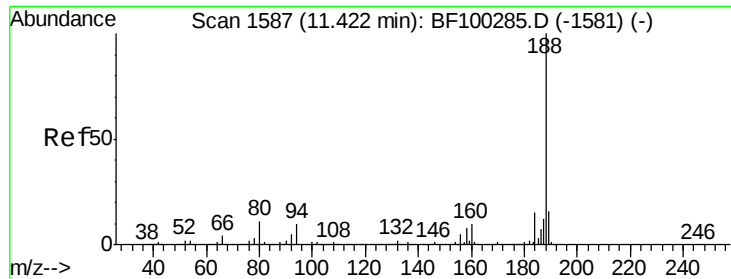
SOHIL
11/16/2017 6:18:30 PM



#49
Dimethylphthalate
Concen: 5.553 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100590.D
Acq: 15 Nov 2017 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	81234		
194	3.8		2.7	4.1
164	10.3		8.2	12.2





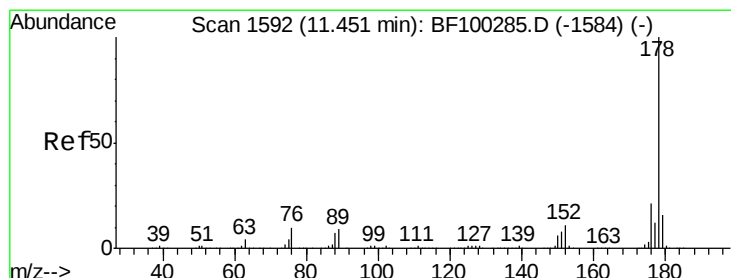
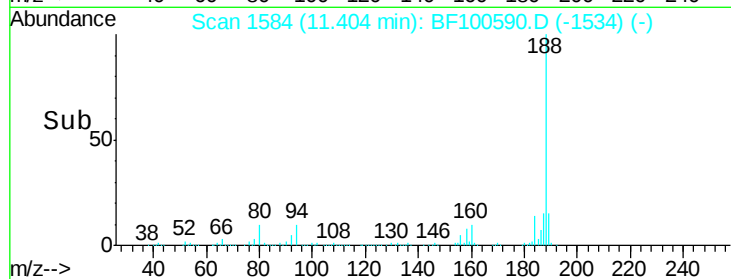
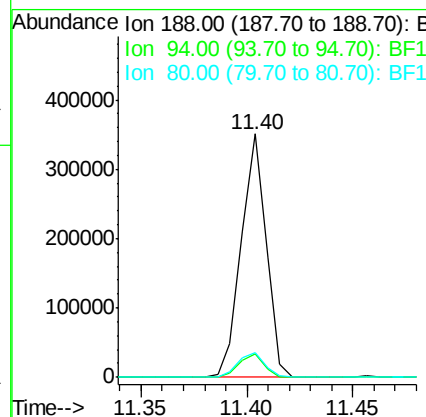
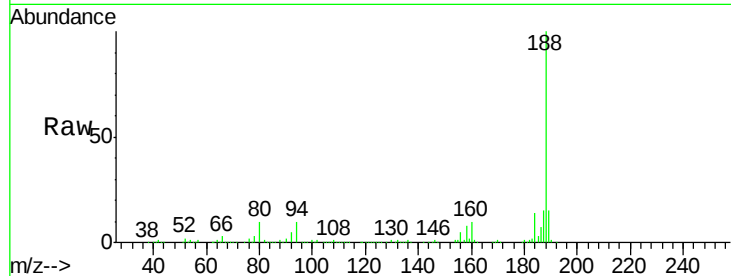
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100590.D
Acq: 15 Nov 2017 16:11

Instrument :
BNA_F
ClientSampleId :
EPE-120-2(0-5)

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.6	8.5	12.7
80	10.0	9.2	13.8

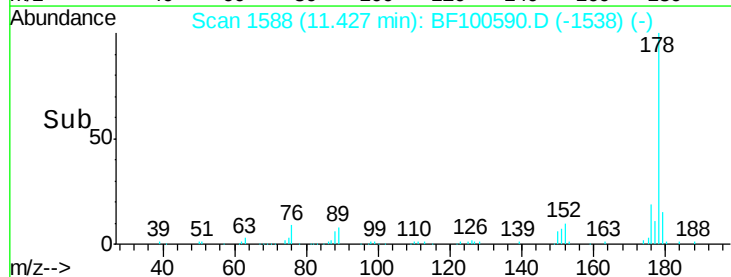
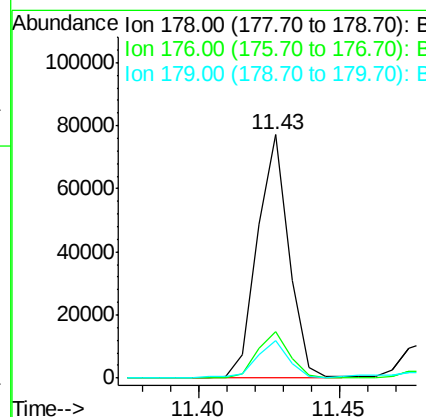
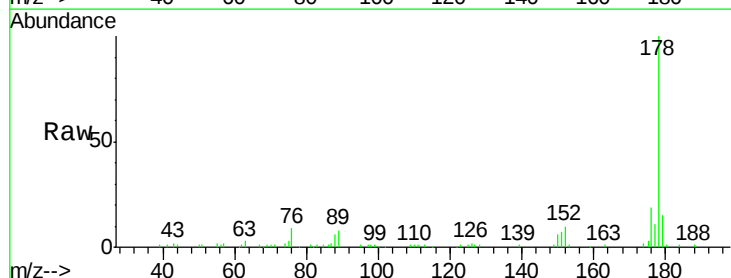
Manual Integrations
APPROVED

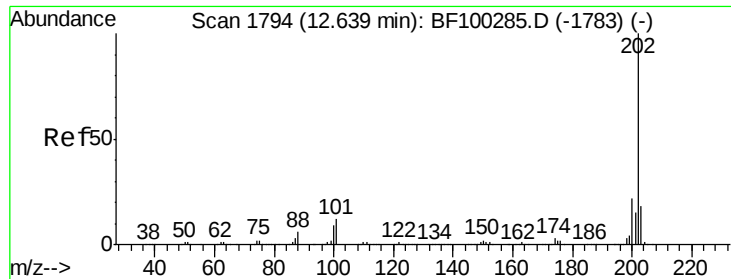
SOHIL
11/16/2017 6:18:30 PM



#70
Phenanthrene
Concen: 3.972 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF100590.D
Acq: 15 Nov 2017 16:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.2	15.8	23.8
179	15.5	13.0	19.6





#74

Fluoranthene

Concen: 3.885 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF100590.D

Acq: 15 Nov 2017 16:11

Instrument :

BNA_F

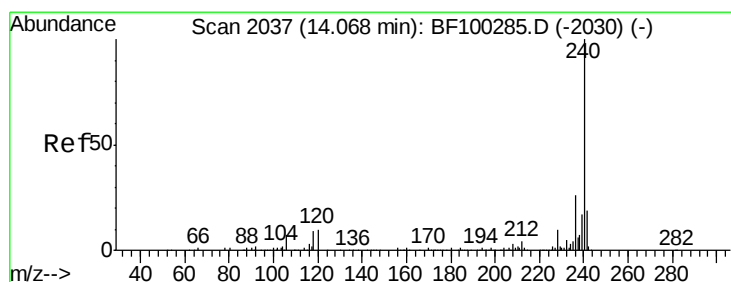
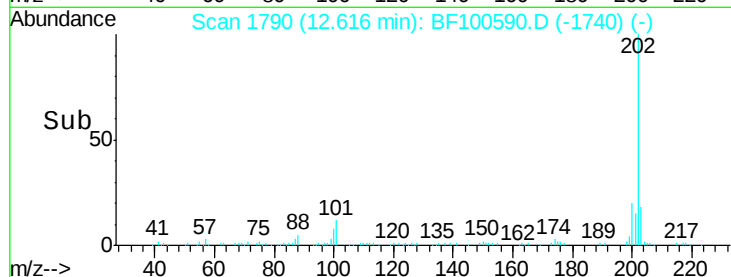
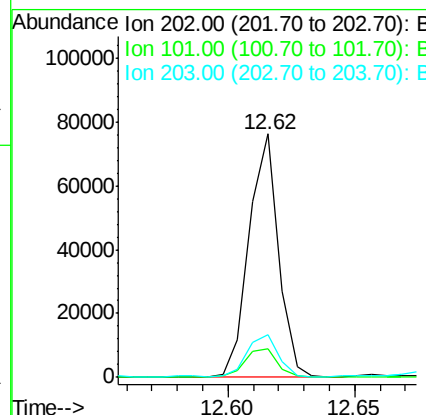
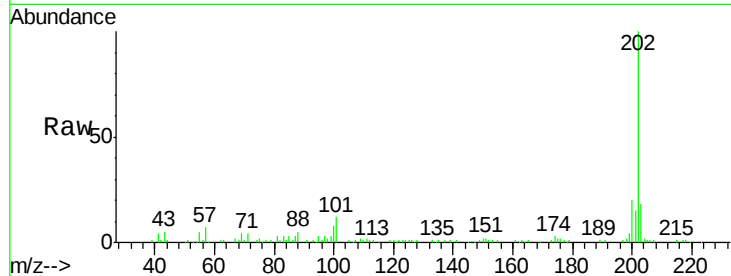
ClientSampleId :

EPE-120-2(0-5)

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	0.0	34.1
203	17.5	0.0	38.1

Manual Integrations
APPROVED

SOHIL
11/16/2017 6:18:30 PM



#75

Chrysene-d12

Concen: 20.000 ng

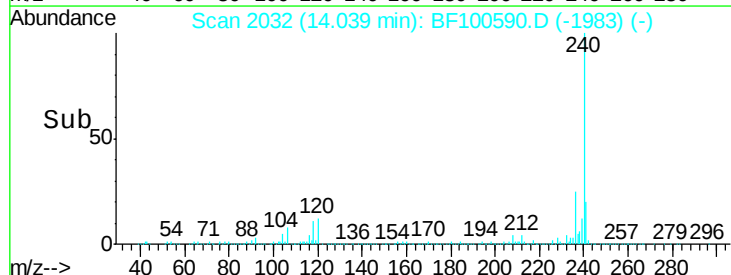
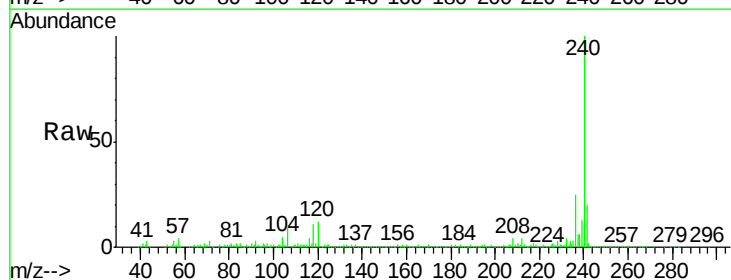
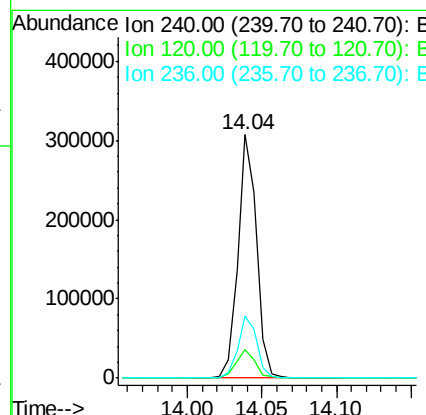
RT: 14.04 min Scan# 2032

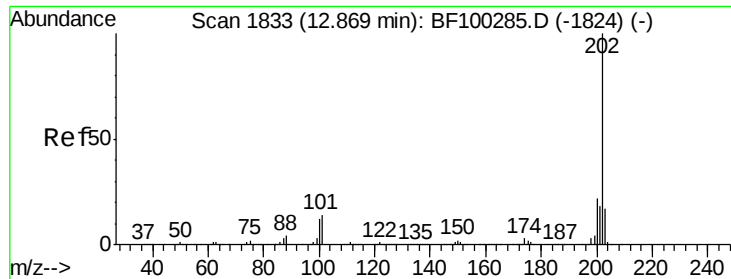
Delta R.T. -0.01 min

Lab File: BF100590.D

Acq: 15 Nov 2017 16:11

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.3	20.7	31.1





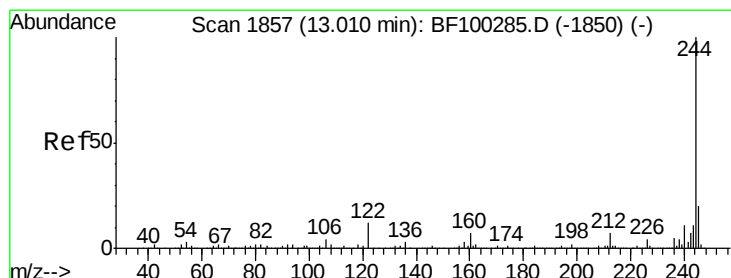
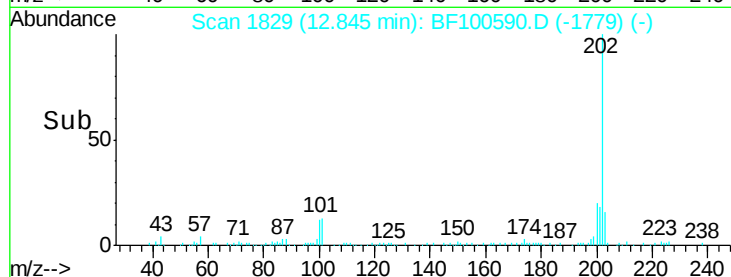
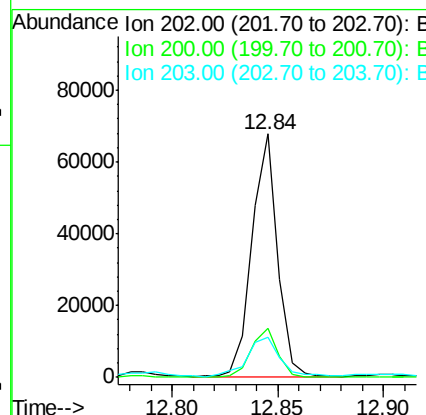
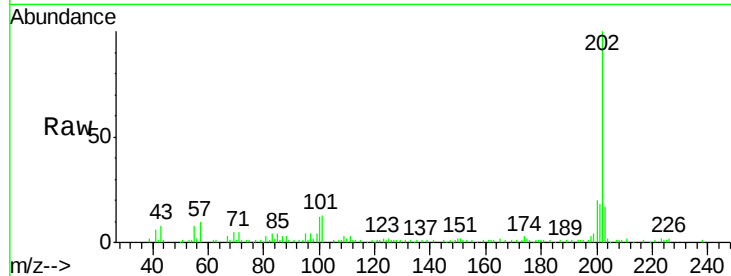
#77
 Pyrene
 Concen: 2.977 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF100590.D
 Acq: 15 Nov 2017 16:11

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-2(0-5)

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	16.7	14.3	21.5

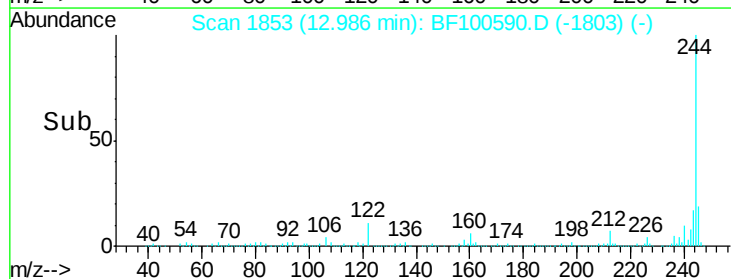
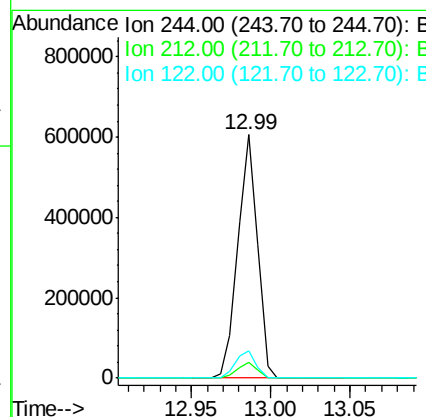
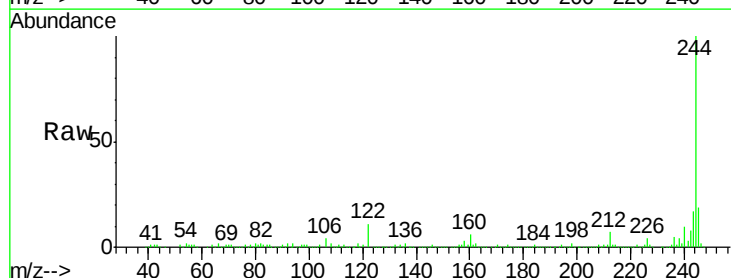
Manual Integrations
 APPROVED

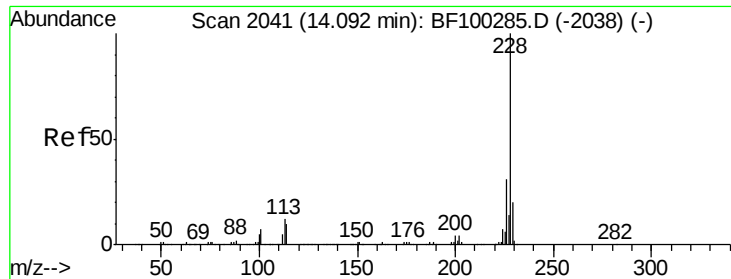
SOHIL
 11/16/2017 6:18:30 PM



#78
 Terphenyl-d14
 Concen: 44.362 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF100590.D
 Acq: 15 Nov 2017 16:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.2	11.0	16.4





#82

Chrysene

Concen: 2.172 ng m

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100590.D

Acq: 15 Nov 2017 16:11

Instrument :

BNA_F

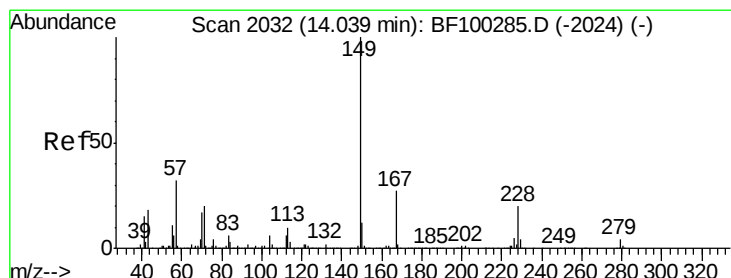
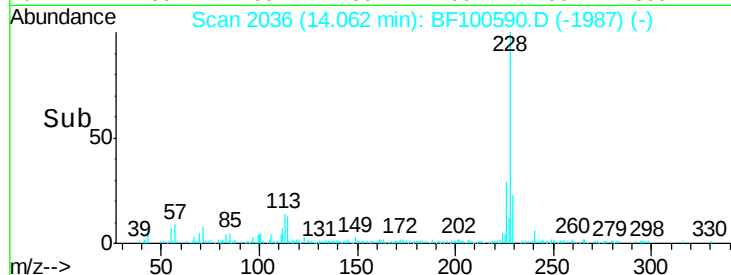
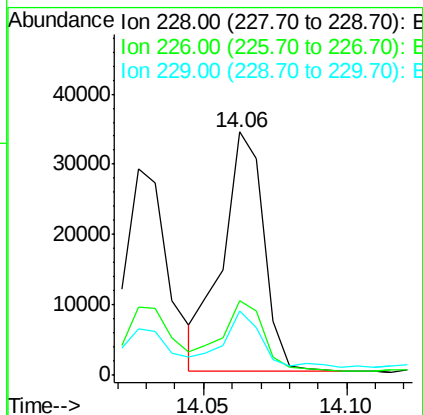
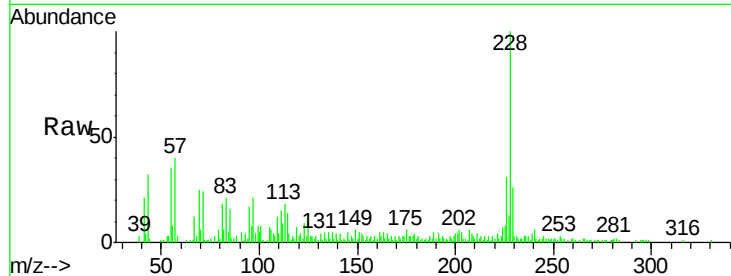
ClientSampleId :

EPE-120-2(0-5)

Tgt Ion:	228	Resp:	34318
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.0	37.6
229	26.3	16.2	24.4#

Manual Integrations
APPROVED

SOHIL
11/16/2017 6:18:30 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.772 ng

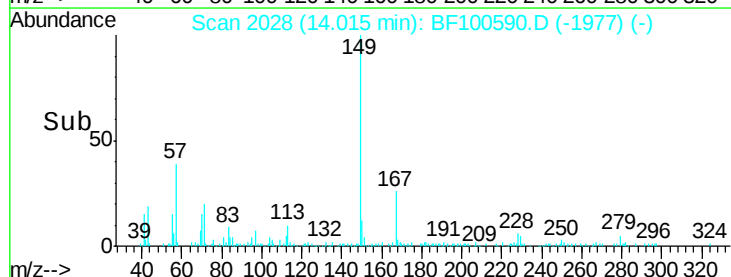
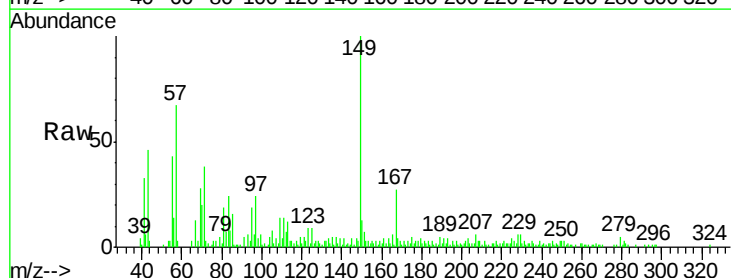
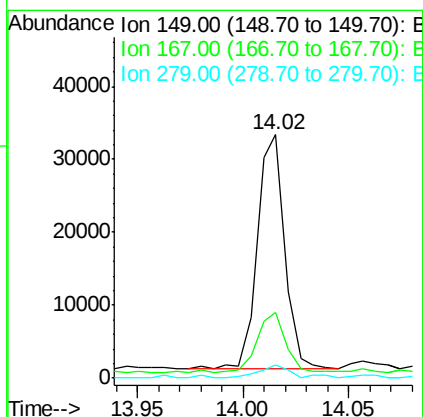
RT: 14.02 min Scan# 2028

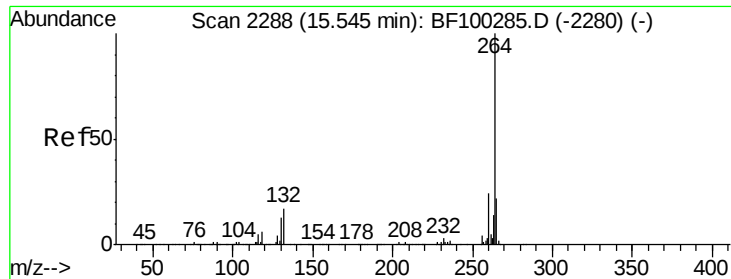
Delta R.T. 0.00 min

Lab File: BF100590.D

Acq: 15 Nov 2017 16:11

Tgt Ion:	149	Resp:	28718
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.3	31.9
279	5.3	3.0	4.4#





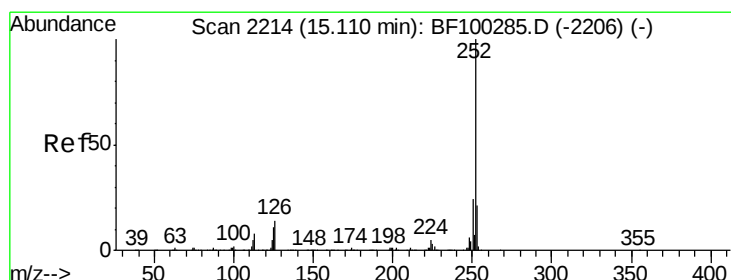
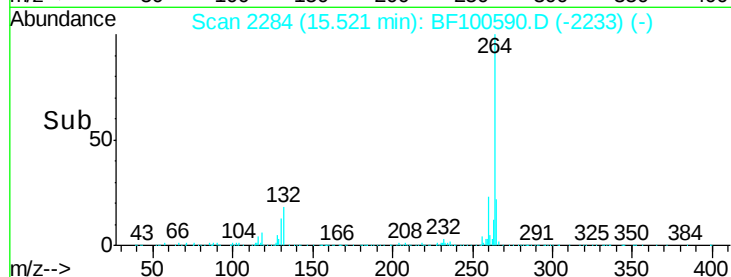
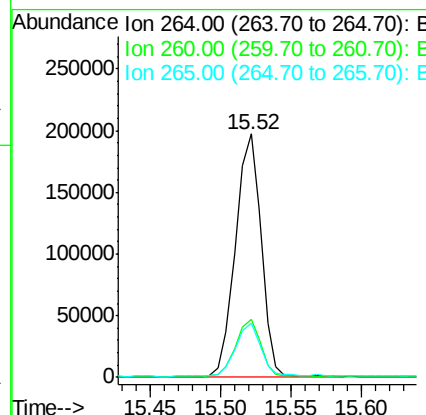
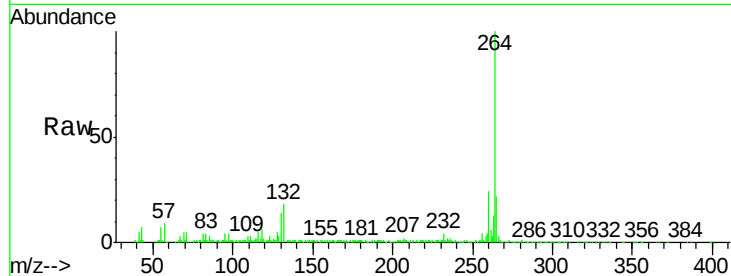
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BF100590.D
Acq: 15 Nov 2017 16:11

Instrument :
BNA_F
ClientSampleId :
EPE-120-2(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	252742		
260	23.7	19.2	28.8	
265	22.1	17.5	26.3	

Manual Integrations
APPROVED

SOHIL
11/16/2017 6:18:30 PM



#87
Benzo(b)fluoranthene
Concen: 2.788 ng m
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF100590.D
Acq: 15 Nov 2017 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	41752		
253	33.9	17.0	25.6#	
125	24.7	9.0	13.6#	

