

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF100976.D
 Acq On : 29 Nov 2017 14:28
 Operator : SJ/JU
 Sample : I6616-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P7-LOT-SP1-C

Manual Integrations
 APPROVED

Sohil
 11/30/2017 4:29:40 PM

Quant Time: Nov 30 06:12:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	76598	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	309395	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	146037	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	250330	20.00	ng	0.00
75) Chrysene-d12	14.02	240	155491	20.00	ng	-0.01
86) Perylene-d12	15.49	264	155491	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	435879	91.22	ng	0.00
7) Phenol-d6	6.49	99	543357	92.21	ng	0.00
23) Nitrobenzene-d5	7.42	82	342591	73.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	148603	99.86	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	672392	70.11	ng	0.00
78) Terphenyl-d14	12.96	244	466220	68.89	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	12773	2.065	ng	79
49) Dimethylphthalate	9.60	163	39734	3.564	ng	# 99
74) Fluoranthene	12.59	202	41776	2.991	ng	95
77) Pyrene	12.82	202	35168	3.173	ng	97
82) Chrysene	14.04	228	23442	2.585	ng	94
83) Bis(2-ethylhexyl)phthalate	13.99	149	19929	3.352	ng	# 99
85) Indeno(1,2,3-cd)pyrene	16.95	276	14792m	2.017	ng	
87) Benzo(b)fluoranthene	15.05	252	31326m	3.401	ng	
89) Benzo(a)pyrene	15.42	252	20306	2.486	ng	# 91
91) Benzo(g,h,i)perylene	17.40	276	16479	2.521	ng	# 89

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

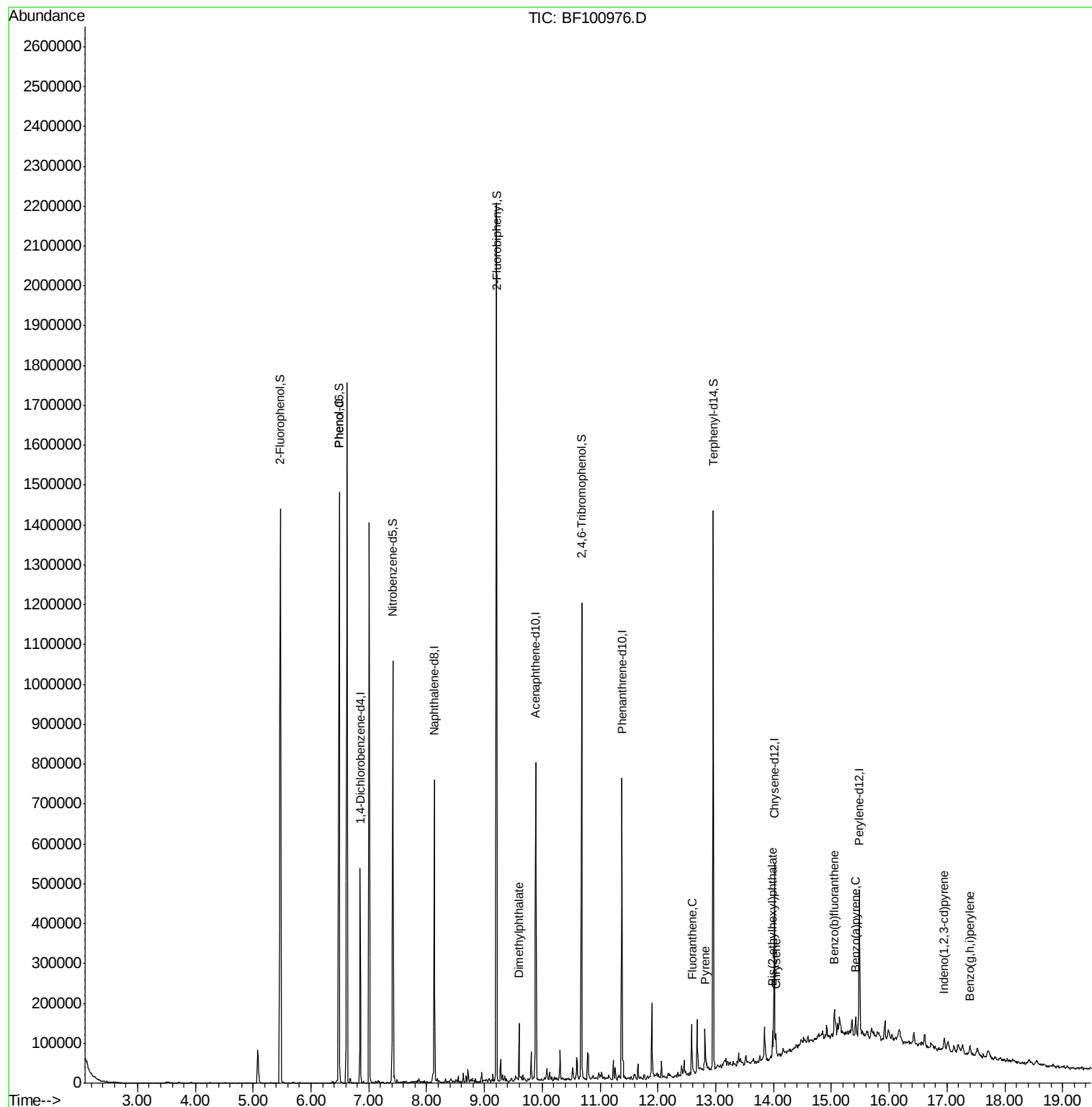
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100976.D
Acq On : 29 Nov 2017 14:28
Operator : SJ/JU
Sample : I6616-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-C

Manual Integrations
APPROVED

Sohil
11/30/2017 4:29:40 PM

Quant Time: Nov 30 06:12:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration





#1

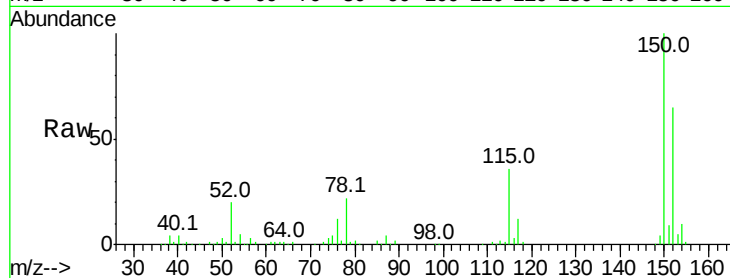
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF100976.D
Acq: 29 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-C

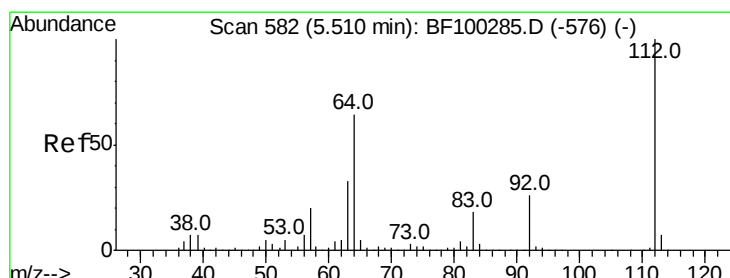
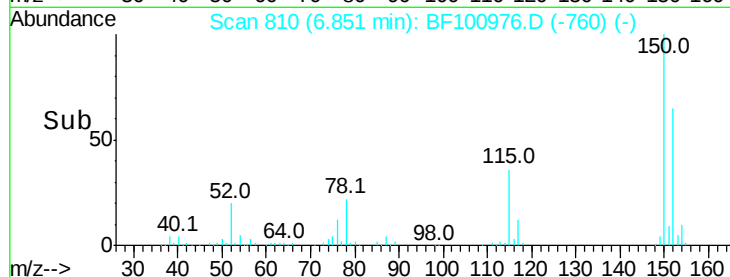
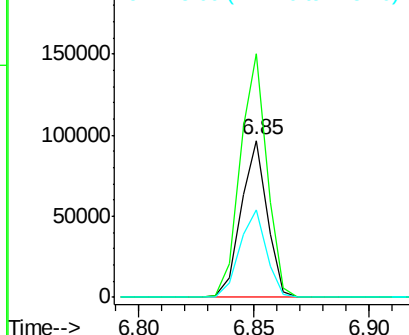
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	55.5	50.1	75.1

Manual Integrations
APPROVED

Sohil
11/30/2017 4:29:40 PM



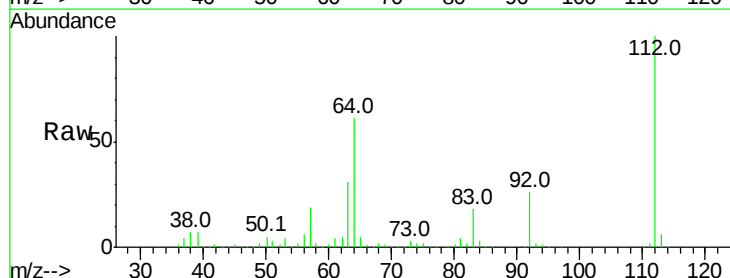
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



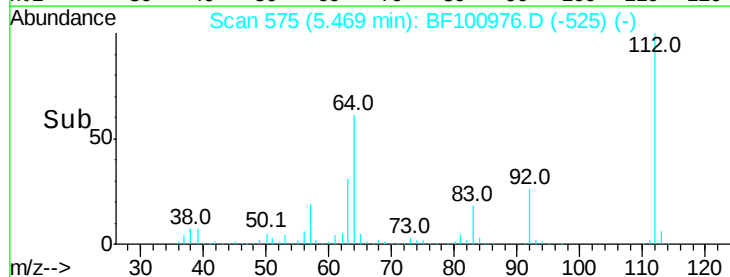
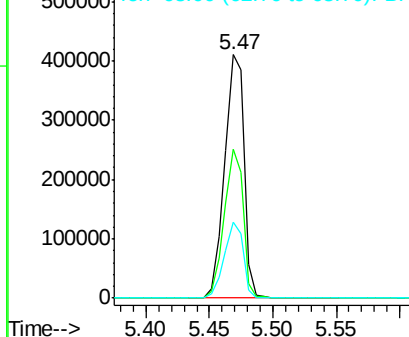
#5

2-Fluorophenol
Concen: 91.218 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF100976.D
Acq: 29 Nov 2017 14:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.9	71.9
63	31.1	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: 92.212 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF100976.D

Acq: 29 Nov 2017 14:28

Instrument :

BNA_F

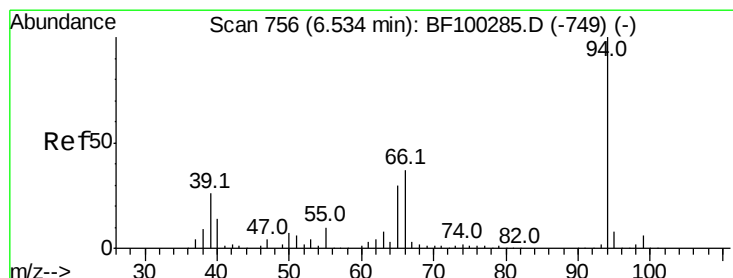
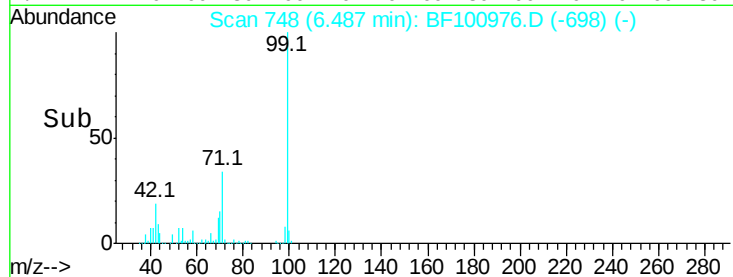
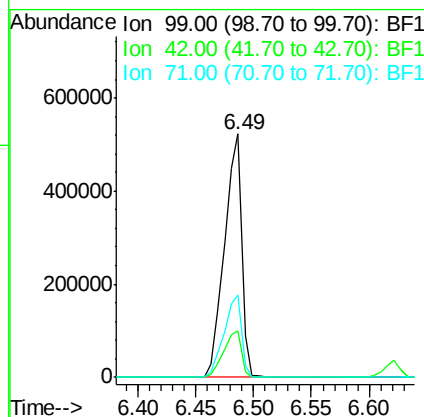
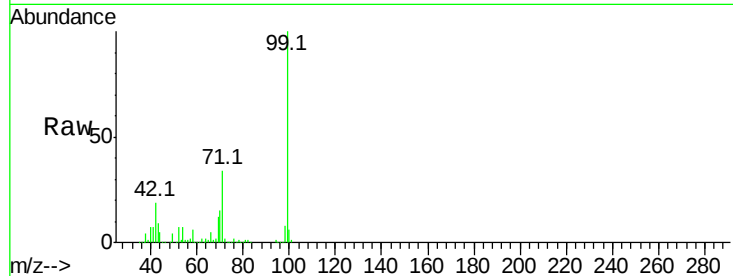
ClientSampleId :

P7-LOT-SP1-C

Tot Ion:	99	Resp:	543357
Ion Ratio	Lower	Upper	
99	100		
42	19.3	14.5	21.7
71	34.0	25.4	38.0

Manual Integrations
APPROVED

Sohil
11/30/2017 4:29:40 PM



#10

Phenol

Concen: 2.065 ng

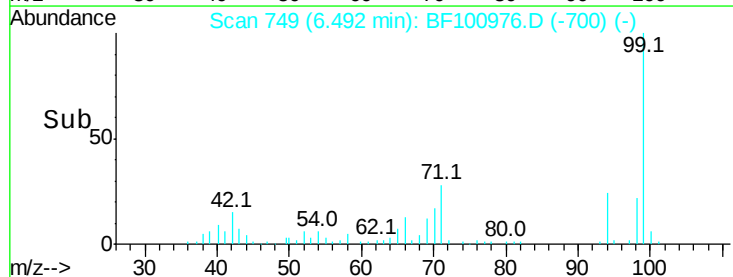
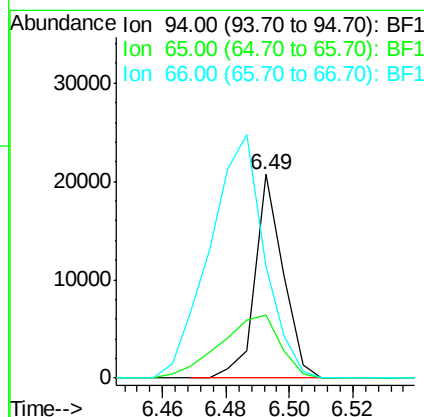
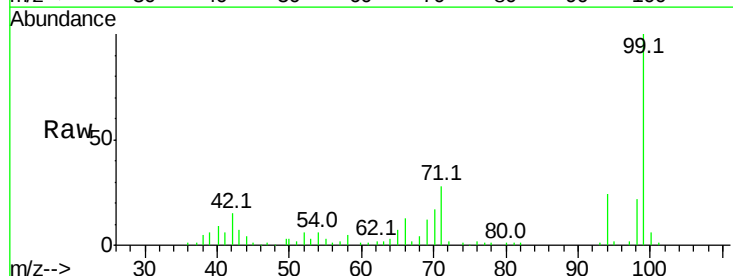
RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF100976.D

Acq: 29 Nov 2017 14:28

Tgt Ion:	94	Resp:	12773
Ion Ratio	Lower	Upper	
94	100		
65	31.1	7.9	47.9
66	54.9	16.2	56.2





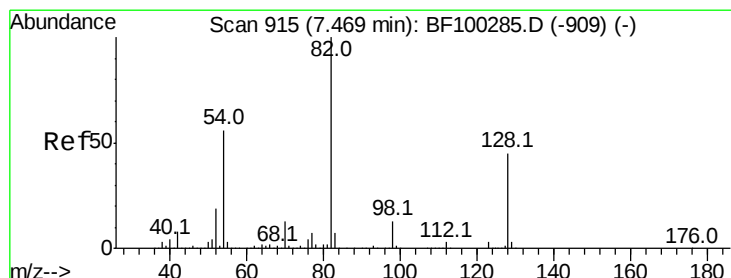
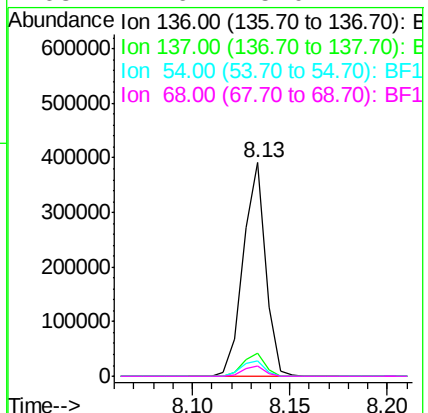
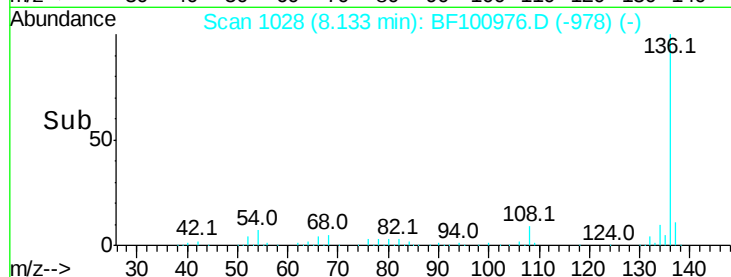
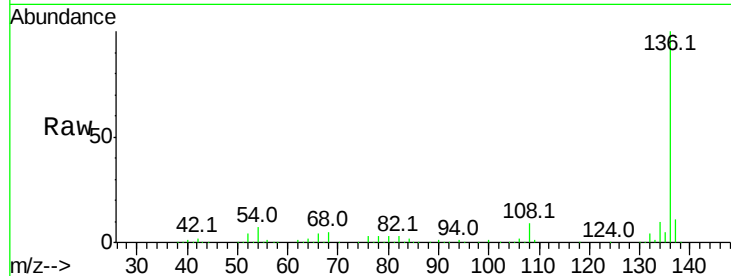
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF100976.D
Acq: 29 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-C

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.4	6.6	9.8
68	4.6	5.0	7.4#

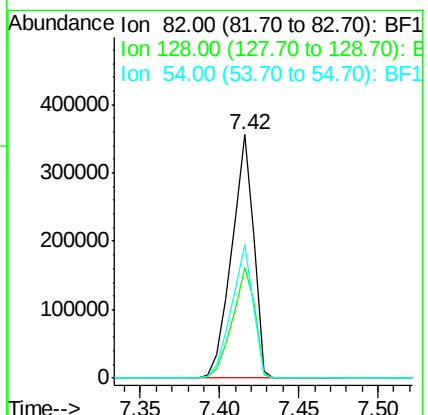
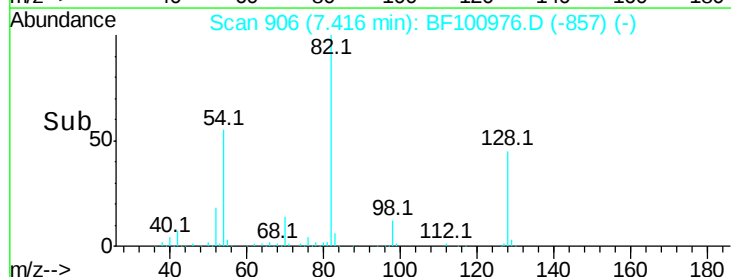
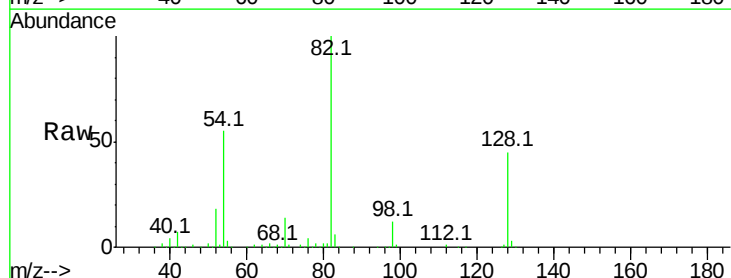
Manual Integrations
APPROVED

Sohil
11/30/2017 4:29:40 PM



#23
Nitrobenzene-d5
Concen: 73.207 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF100976.D
Acq: 29 Nov 2017 14:28

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	45.5	36.1	54.1
54	54.8	41.4	62.2





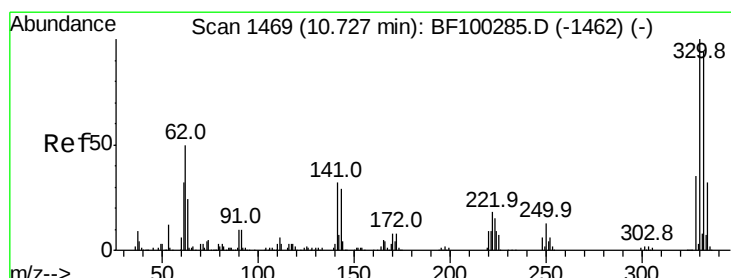
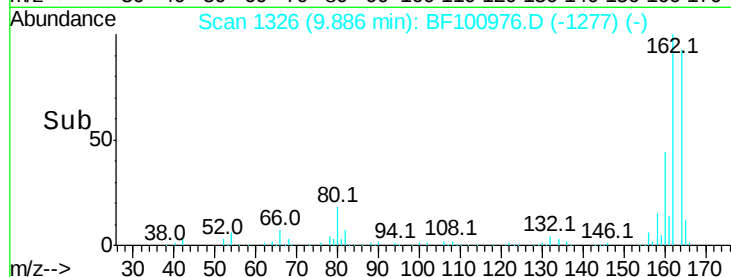
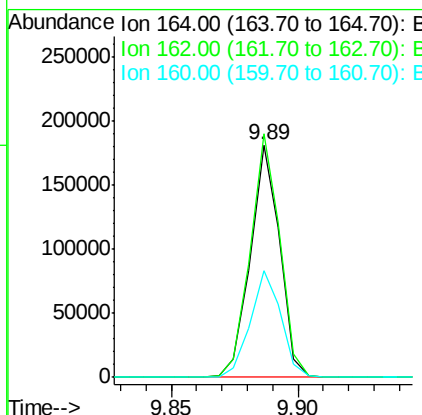
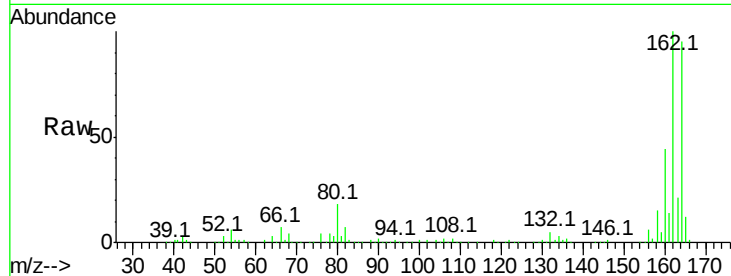
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF100976.D
Acq: 29 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-C

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	45.7	38.3	57.5

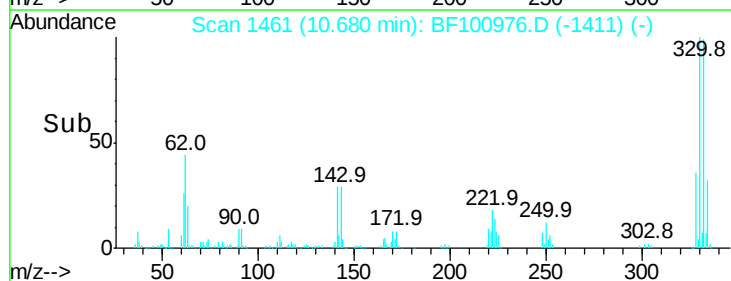
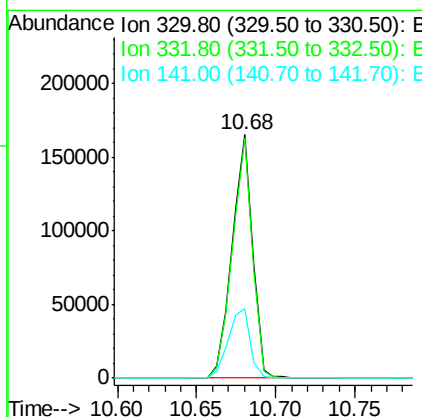
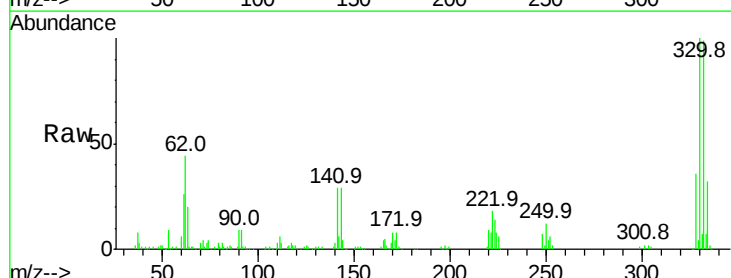
Manual Integrations
APPROVED

Sohil
11/30/2017 4:29:40 PM



#41
2,4,6-Tribromophenol
Concen: 99.860 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF100976.D
Acq: 29 Nov 2017 14:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	30.2	29.9	44.9





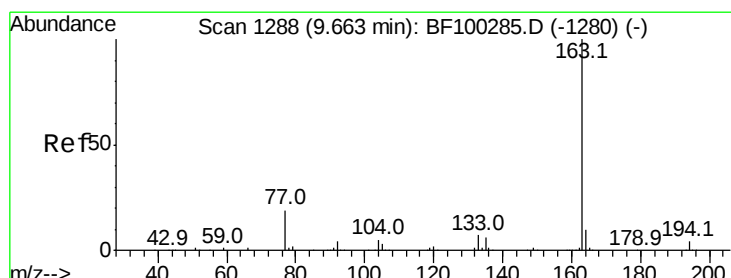
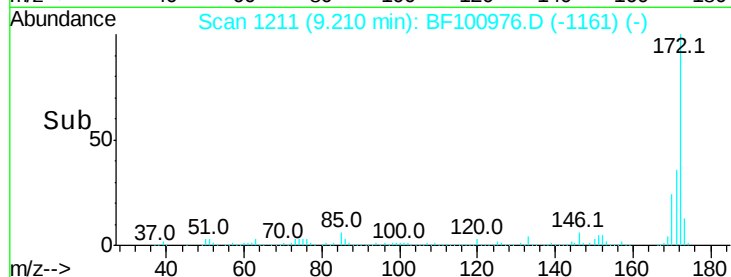
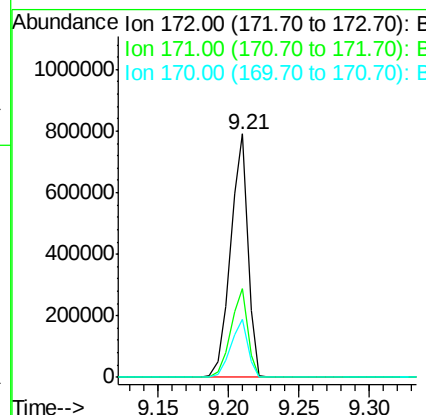
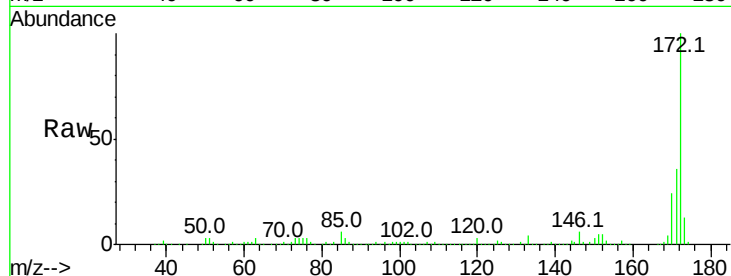
#44
2-Fluorobiphenyl
Concen: 70.110 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF100976.D
Acq: 29 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-C

Tot Ion	Ratio	Resp	Lower	Upper
172	100	672392		
171	36.2		29.7	44.5
170	24.0		19.6	29.4

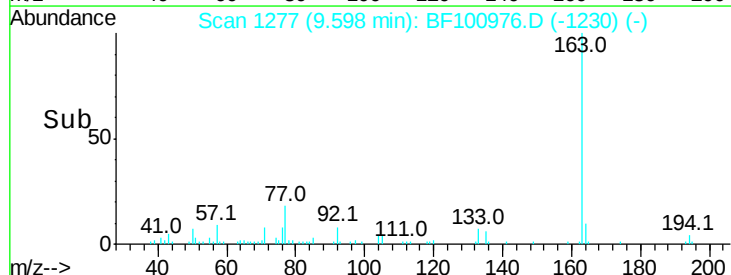
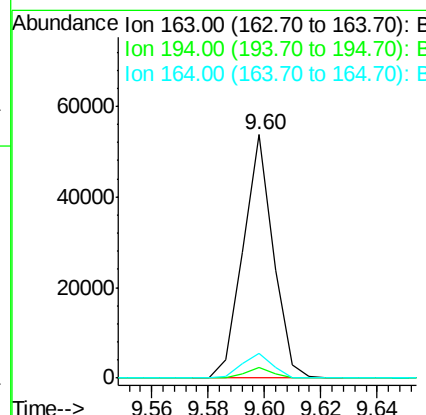
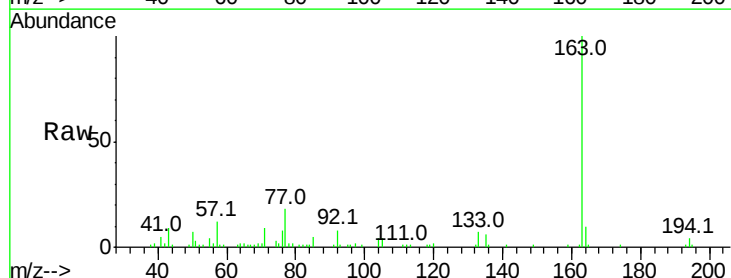
Manual Integrations
APPROVED

Sohil
11/30/2017 4:29:40 PM



#49
Dimethylphthalate
Concen: 3.564 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF100976.D
Acq: 29 Nov 2017 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	39734		
194	4.2		2.7	4.1#
164	10.1		8.2	12.2





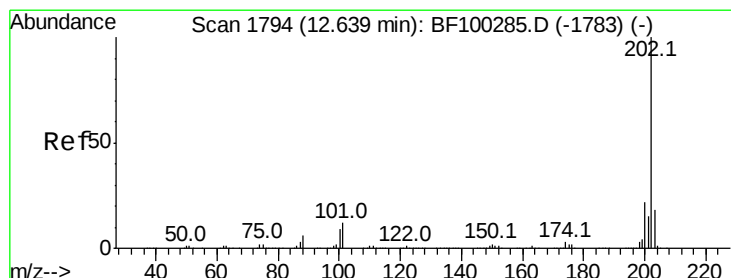
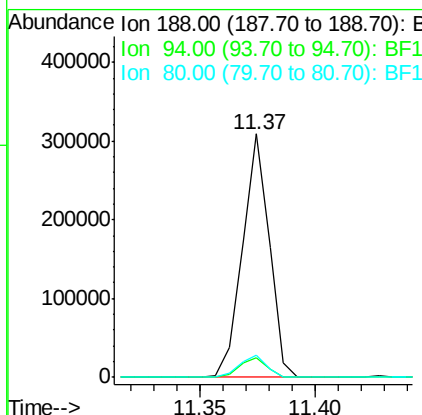
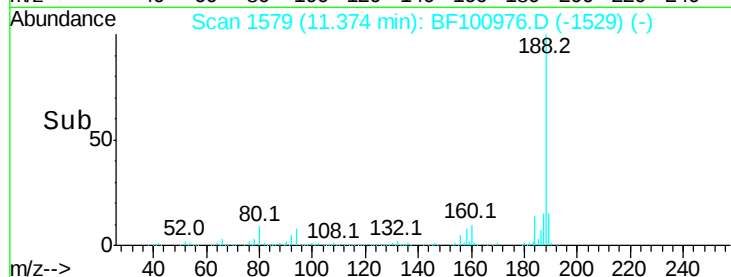
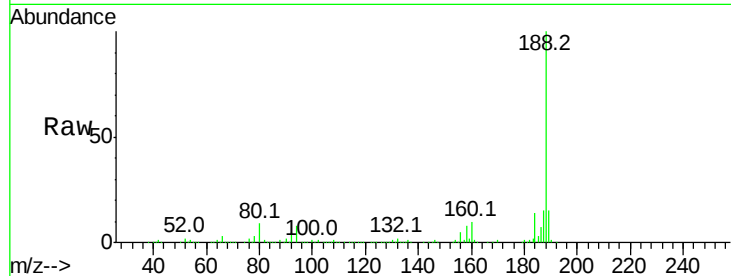
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF100976.D
Acq: 29 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-C

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.9	9.2	13.8#

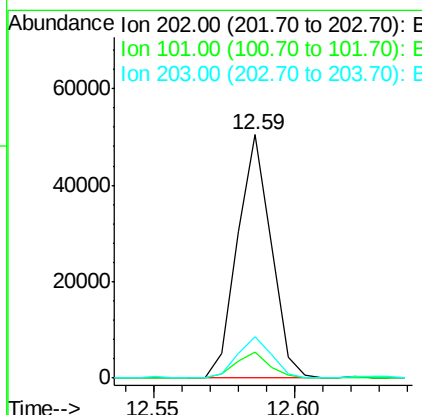
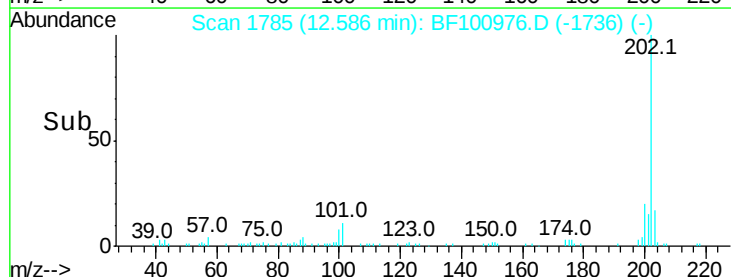
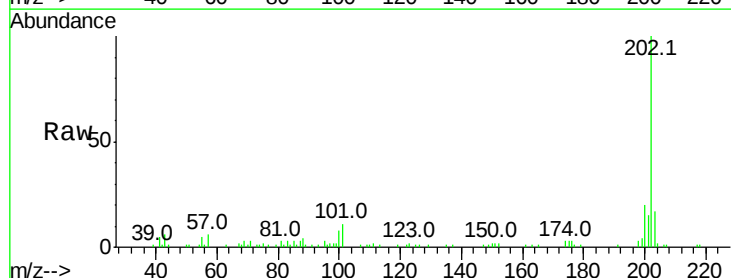
Manual Integrations
APPROVED

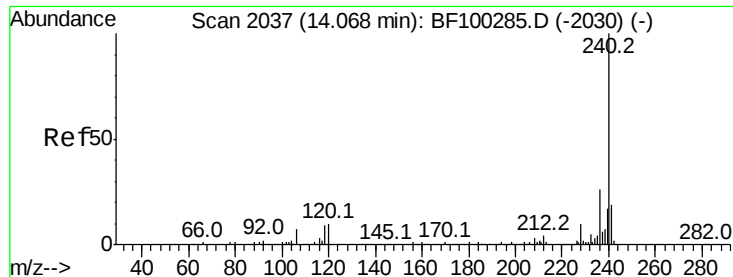
Sohil
11/30/2017 4:29:40 PM



#74
Fluoranthene
Concen: 2.991 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF100976.D
Acq: 29 Nov 2017 14:28

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	0.0	34.1
203	16.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF100976.D

Acq: 29 Nov 2017 14:28

Instrument :

BNA_F

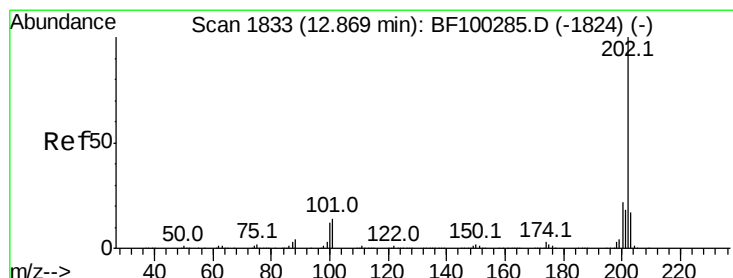
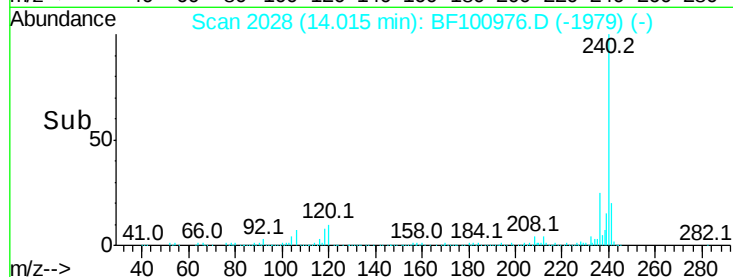
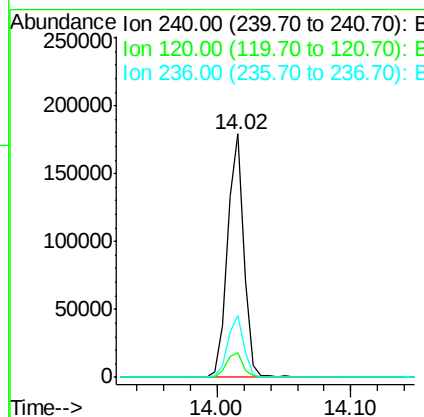
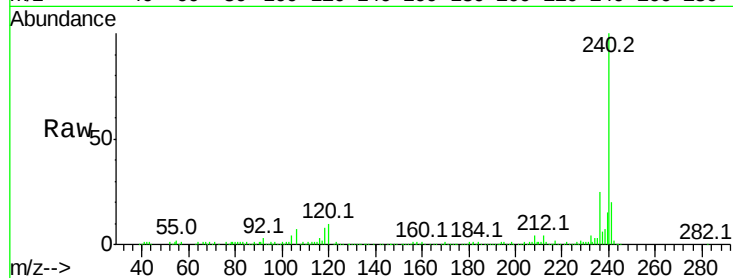
ClientSampleId :

P7-LOT-SP1-C

Tot Ion:	240	Resp:	155491
Ion Ratio	Lower	Upper	
240	100		
120	10.2	9.5	14.3
236	25.2	20.7	31.1

Manual Integrations
APPROVED

Sohil
11/30/2017 4:29:40 PM



#77

Pyrene

Concen: 3.173 ng

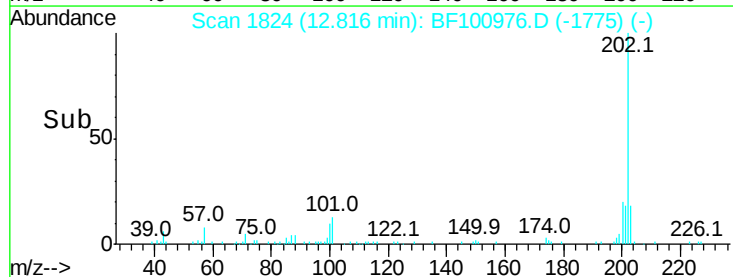
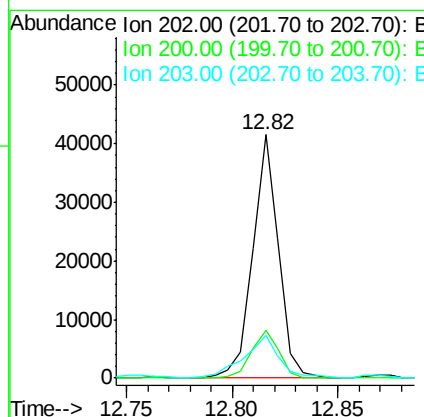
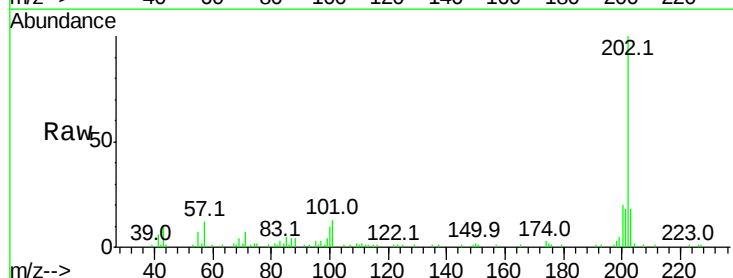
RT: 12.82 min Scan# 1824

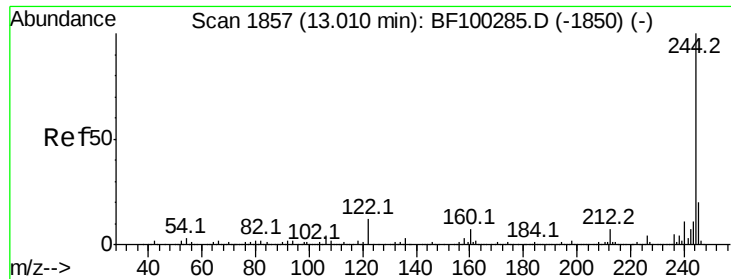
Delta R.T. -0.01 min

Lab File: BF100976.D

Acq: 29 Nov 2017 14:28

Tgt Ion:	202	Resp:	35168
Ion Ratio	Lower	Upper	
202	100		
200	19.5	17.4	26.2
203	17.6	14.3	21.5





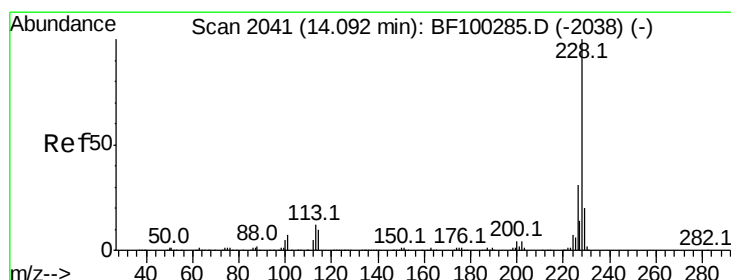
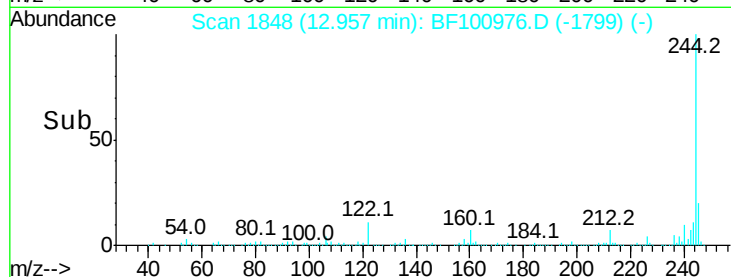
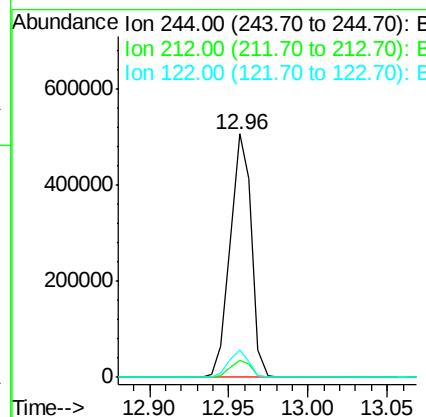
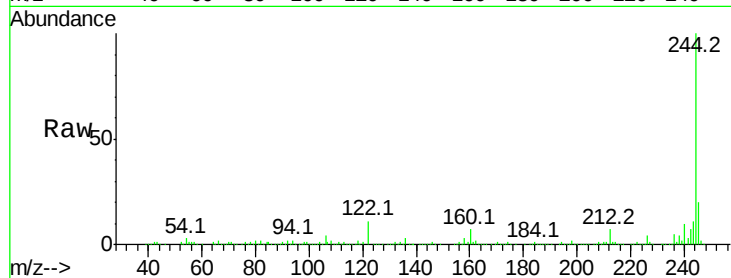
#78
 Terphenyl-d14
 Concen: 68.894 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF100976.D
 Acq: 29 Nov 2017 14:28

Instrument :
 BNA_F
 ClientSampleId :
 P7-LOT-SP1-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.3	11.0	16.4

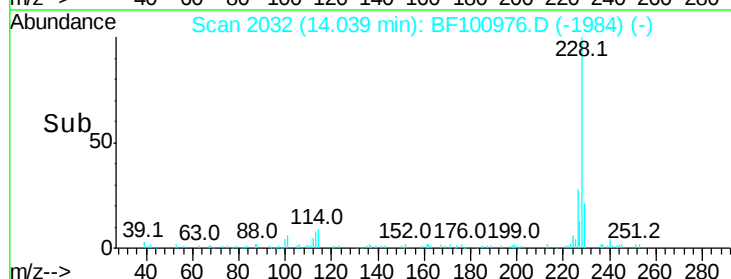
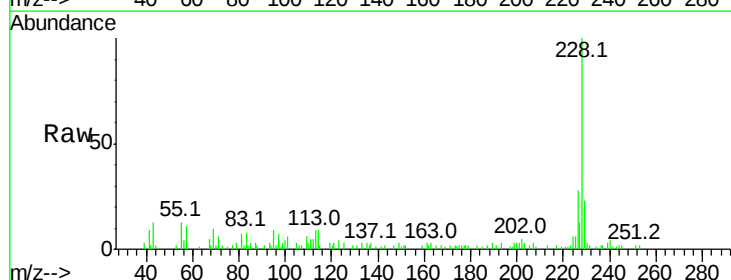
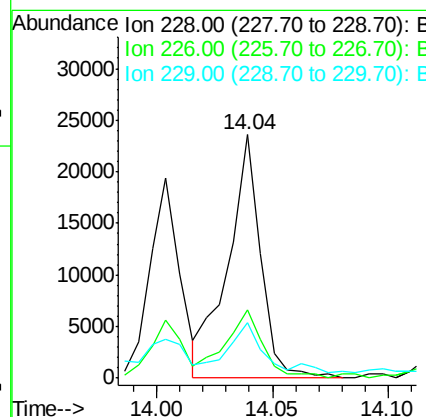
Manual Integrations
 APPROVED

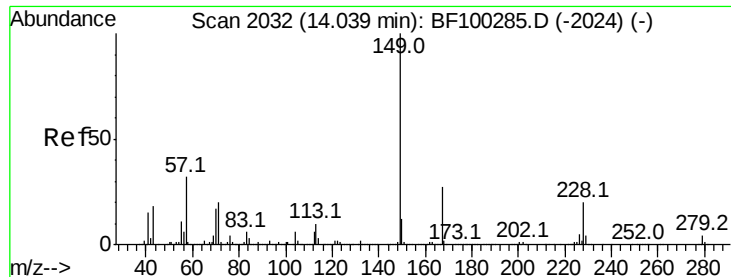
Sohil
 11/30/2017 4:29:40 PM



#82
 Chrysene
 Concen: 2.585 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BF100976.D
 Acq: 29 Nov 2017 14:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	25.0	37.6
229	23.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.352 ng

RT: 13.99 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100976.D

Acq: 29 Nov 2017 14:28

Instrument :

BNA_F

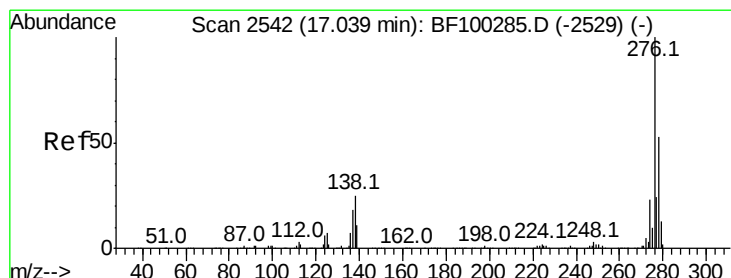
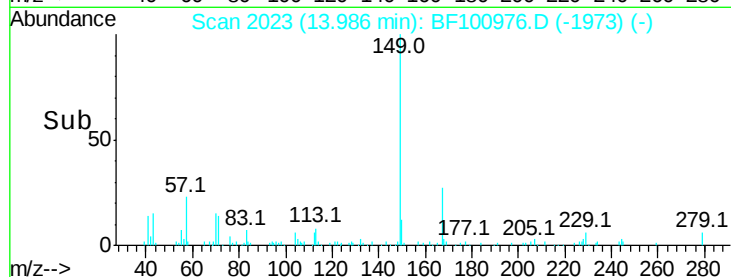
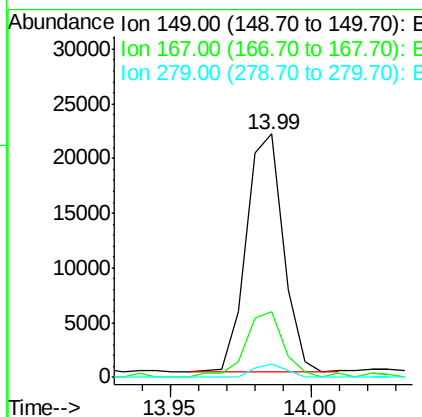
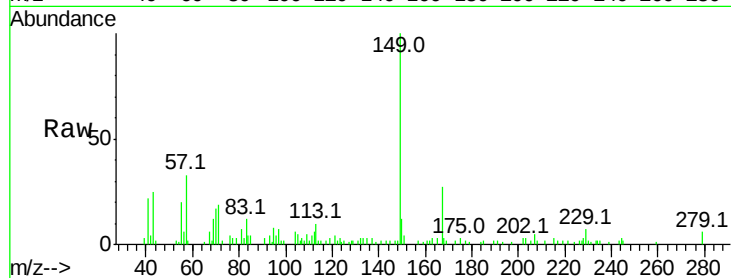
ClientSampleId :

P7-LOT-SP1-C

Tot Ion:	149	Resp:	19929
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.3	31.9
279	5.5	3.0	4.4#

Manual Integrations
APPROVED

Sohil
11/30/2017 4:29:40 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.017 ng m

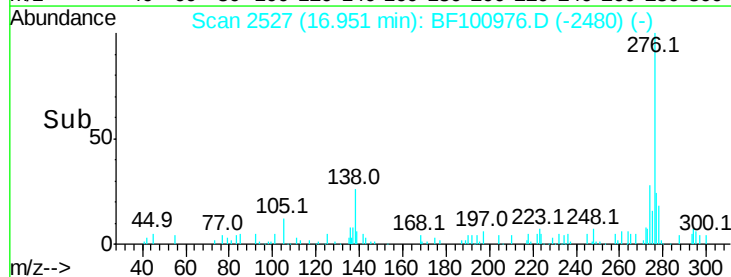
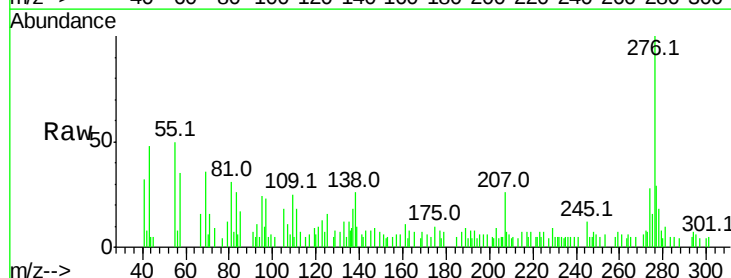
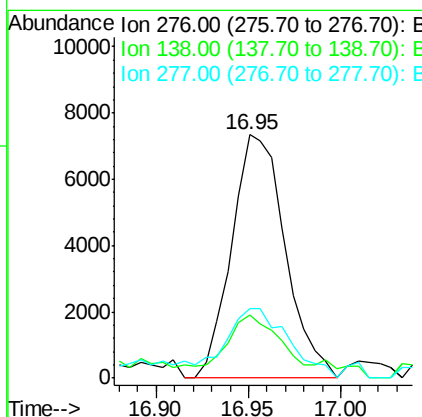
RT: 16.95 min Scan# 2527

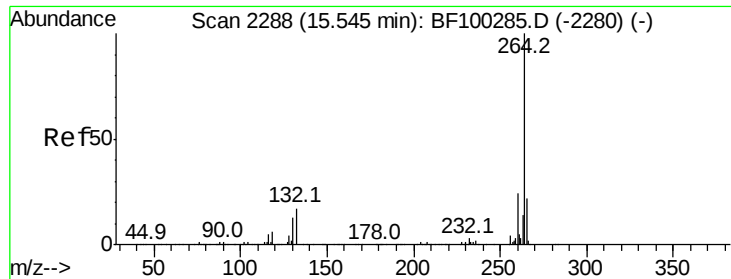
Delta R.T. -0.02 min

Lab File: BF100976.D

Acq: 29 Nov 2017 14:28

Tgt Ion:	276	Resp:	14792
Ion Ratio	Lower	Upper	
276	100		
138	8.7	25.0	37.6#
277	7.2	20.1	30.1#





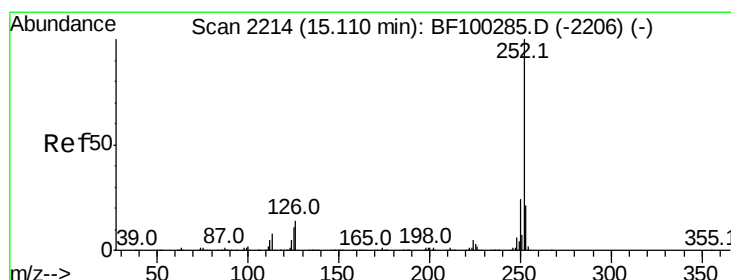
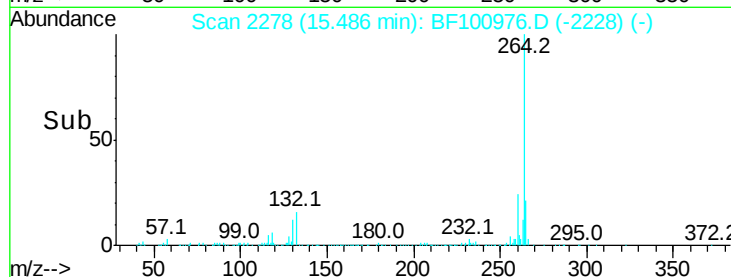
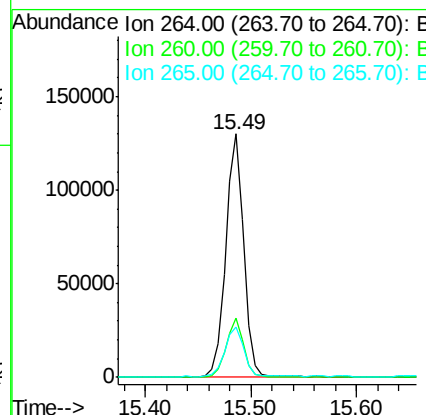
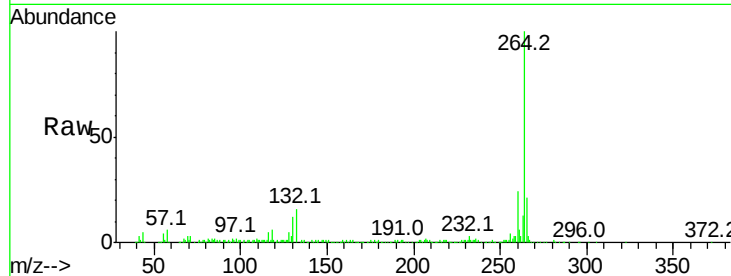
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF100976.D
Acq: 29 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-C

Tot Ion:	264	Resp:	155491
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.2	28.8
265	20.8	17.5	26.3

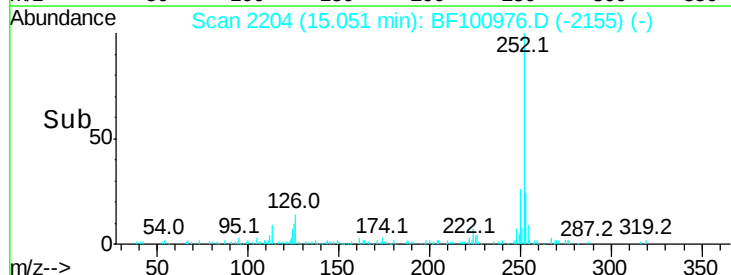
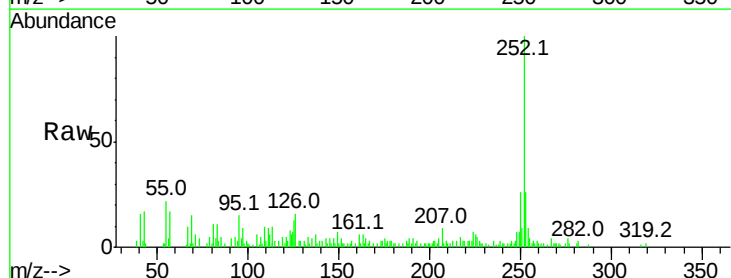
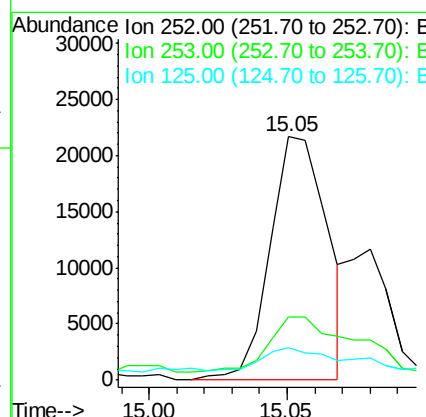
Manual Integrations
APPROVED

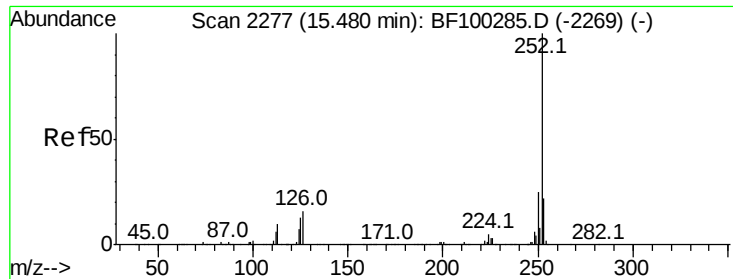
Sohil
11/30/2017 4:29:40 PM



#87
Benzo(b)fluoranthene
Concen: 3.401 ng m
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF100976.D
Acq: 29 Nov 2017 14:28

Tgt Ion:	252	Resp:	31326
Ion Ratio	Lower	Upper	
252	100		
253	26.1	17.0	25.6#
125	13.3	9.0	13.6





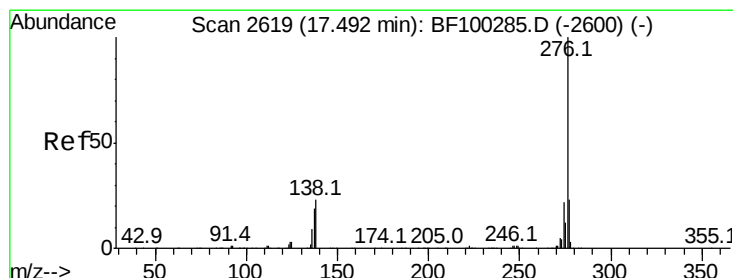
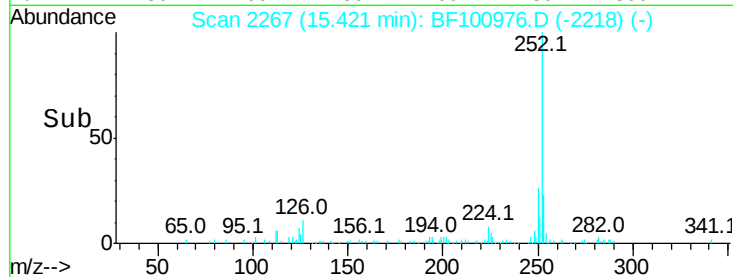
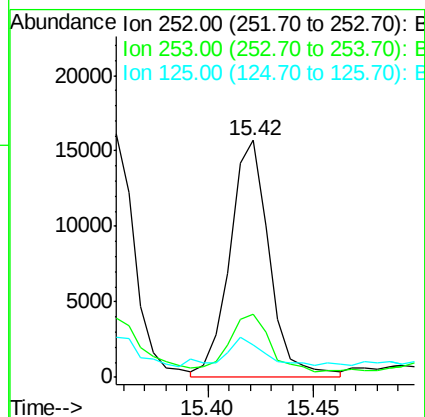
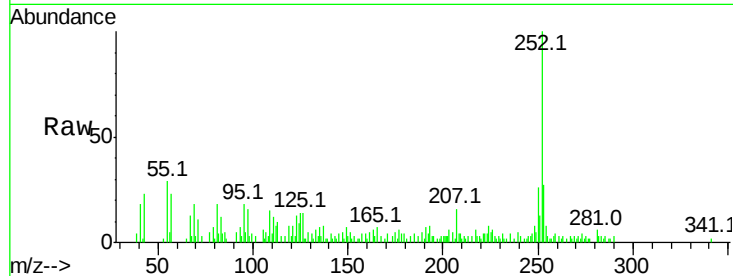
#89
Benzo(a)pyrene
Concen: 2.486 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF100976.D
Acq: 29 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.1	25.7#
125	13.7	9.8	14.6

Manual Integrations
APPROVED

Sohil
11/30/2017 4:29:40 PM



#91
Benzo(g,h,i)perylene
Concen: 2.521 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.02 min
Lab File: BF100976.D
Acq: 29 Nov 2017 14:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.5	17.9	26.9#
138	22.4	21.8	32.8

