

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
 Data File : BF113635.D
 Acq On : 6 Apr 2019 00:41
 Operator : JU/SJ
 Sample : K2186-09RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-1

Manual Integrations
 APPROVED

Sohil
 4/8/2019 9:48:21 AM

Quant Time: Apr 06 06:53:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	115623	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	414437	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	178947	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	344779	20.00	ng	0.00
76) Chrysene-d12	13.83	240	214306	20.00	ng	-0.01
87) Perylene-d12	15.24	264	160992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	668976	98.66	ng	0.00
7) Phenol-d6	6.34	99	852692	102.03	ng	0.00
23) Nitrobenzene-d5	7.25	82	460970	65.15	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	205196	95.46	ng	0.00
45) 2-Fluorobiphenyl	9.04	172	897609	80.75	ng	-0.01
79) Terphenyl-d14	12.78	244	839628	79.77	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.43	163	63954	4.848	ng	Qvalue 99
71) Phenanthrene	11.22	178	213775	12.478	ng	98
72) Anthracene	11.27	178	70914	4.068	ng	98
75) Fluoranthene	12.41	202	349023	19.011	ng	98
78) Pyrene	12.63	202	350725	21.509	ng	99
81) Benzo(a)anthracene	13.82	228	141222	11.424	ng	96
83) Chrysene	13.86	228	117495m	9.376	ng	
84) Bis(2-ethylhexyl)phthalate	13.81	149	182352	22.722	ng	# 99
86) Indeno(1,2,3-cd)pyrene	16.62	276	61717	5.334	ng	91
88) Benzo(b)fluoranthene	14.84	252	127631m	12.951	ng	
89) Benzo(k)fluoranthene	14.87	252	40182m	4.543	ng	
90) Benzo(a)pyrene	15.19	252	95505	10.906	ng	# 87
91) Dibenzo(a,h)anthracene	16.61	278	16525	2.018	ng	# 34
92) Benzo(g,h,i)perylene	17.03	276	60078	7.188	ng	# 83

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

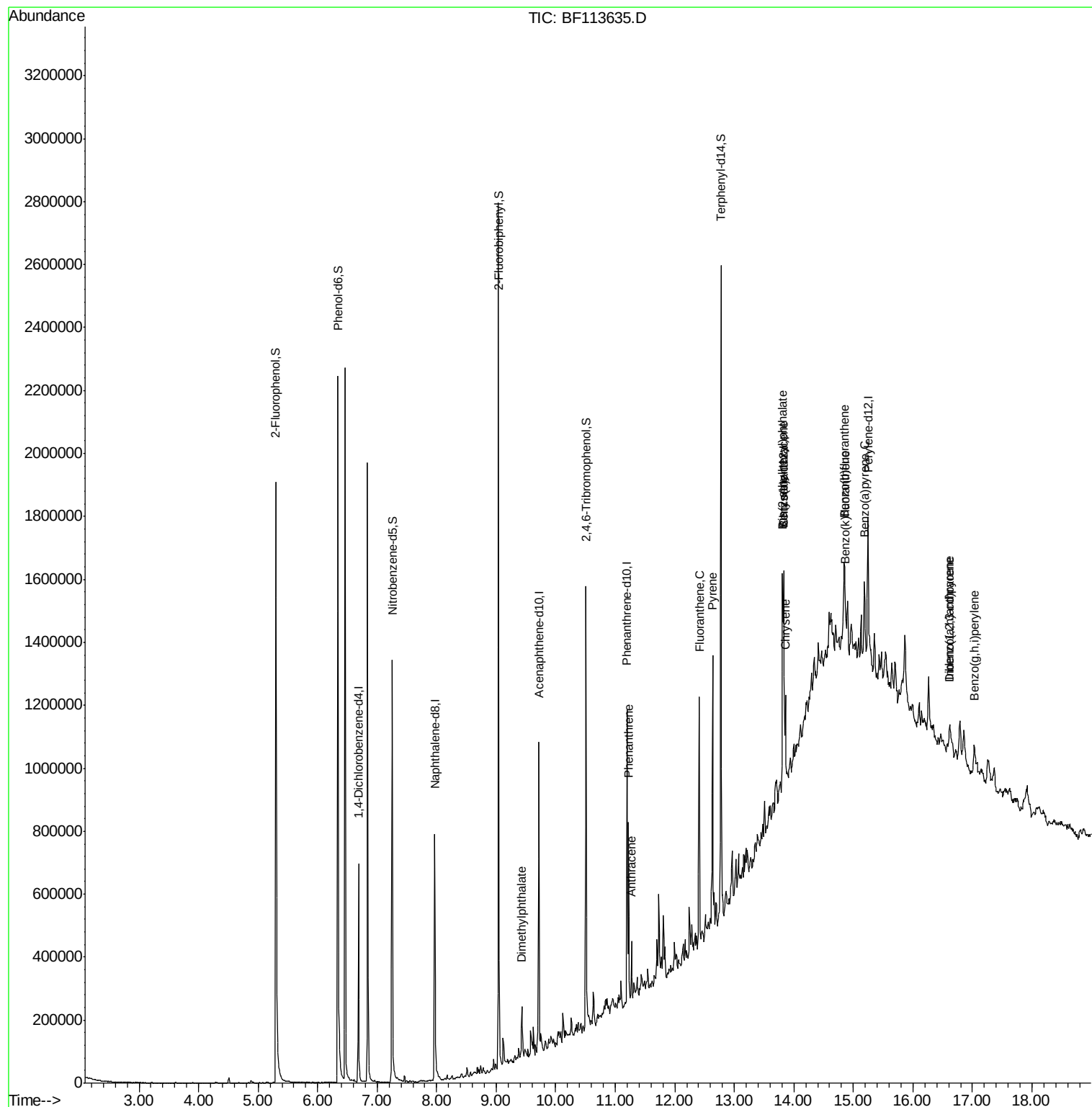
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
Data File : BF113635.D
Acq On : 6 Apr 2019 00:41
Operator : JU/SJ
Sample : K2186-09RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

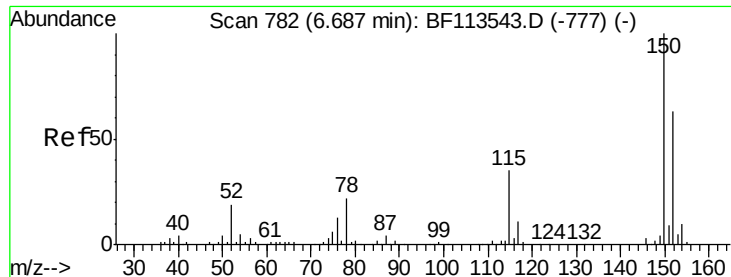
Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

Manual Integrations
APPROVED

Sohil
4/8/2019 9:48:21 AM

Quant Time: Apr 06 06:53:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration





#1

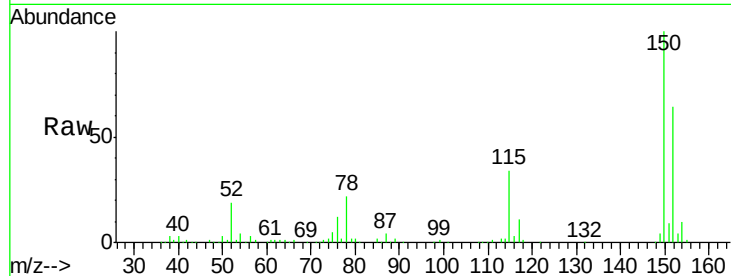
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113635.D
Acq: 6 Apr 2019 00:41

Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

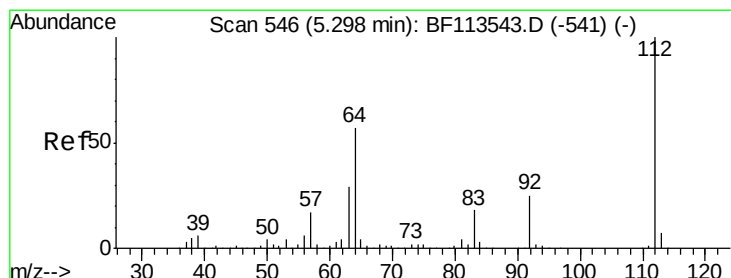
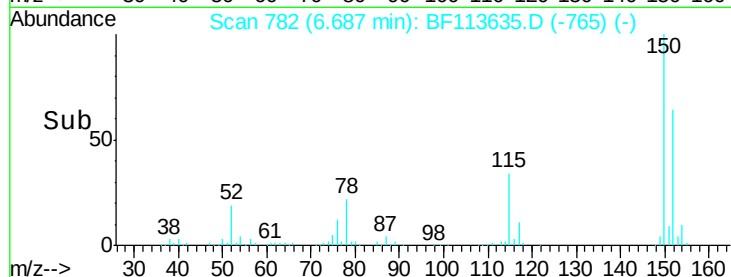
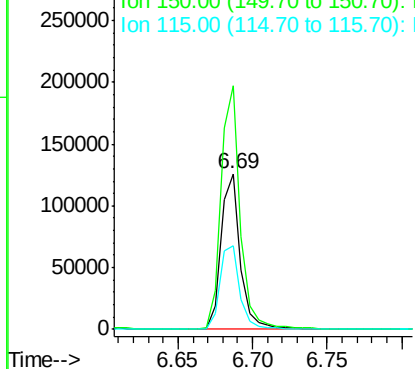
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.7	187.1
115	53.9	46.0	69.0

Manual Integrations
APPROVED

Sohil
4/8/2019 9:48:21 AM



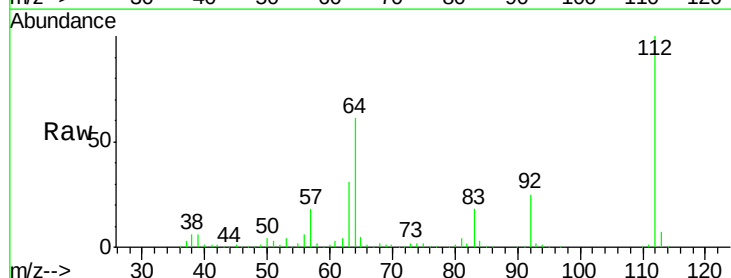
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



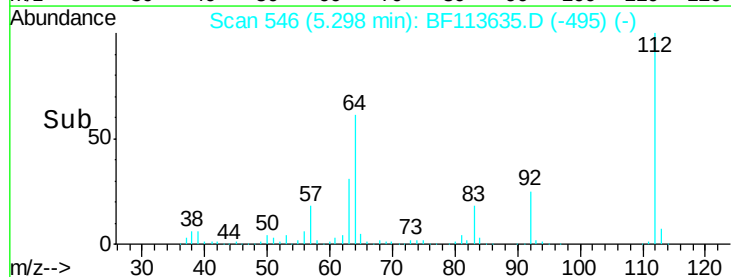
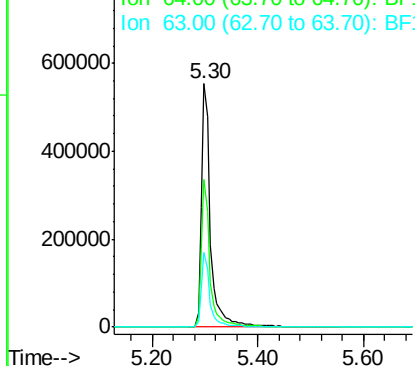
#5

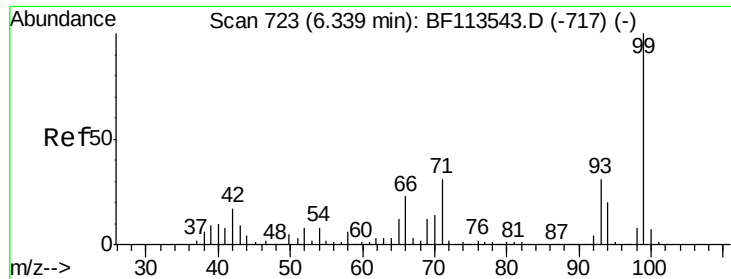
2-Fluorophenol
Concen: 98.662 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113635.D
Acq: 6 Apr 2019 00:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	49.2	73.8
63	30.6	24.9	37.3



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: 102.033 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113635.D

Acq: 6 Apr 2019 00:41

Instrument :

BNA_F

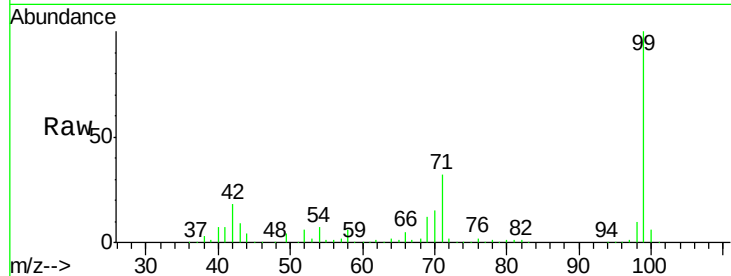
ClientSampleId :

BELT-PARKWAY-STAGING-YARD-1

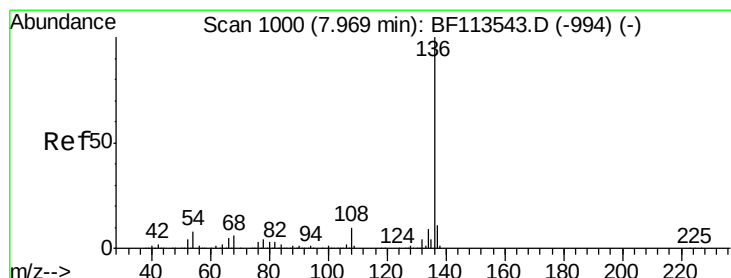
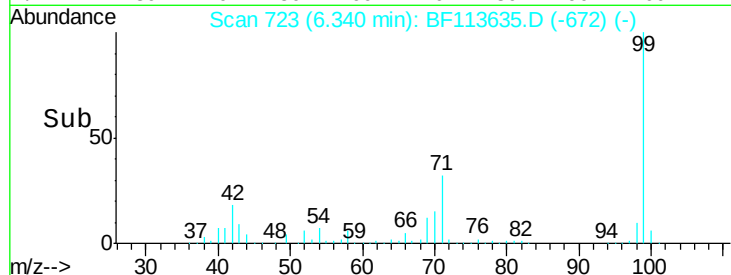
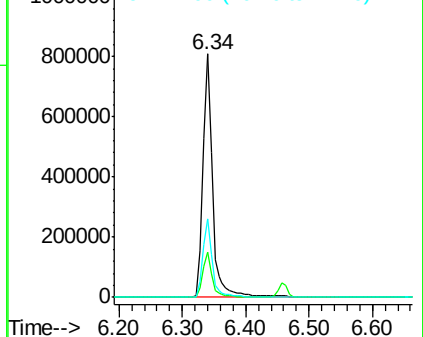
Tgt Ion:	99	Resp:	852692
Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.8	22.2
71	32.2	24.9	37.3

Manual Integrations
APPROVED

Sohil
4/8/2019 9:48:21 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: 7.97 min Scan# 1000

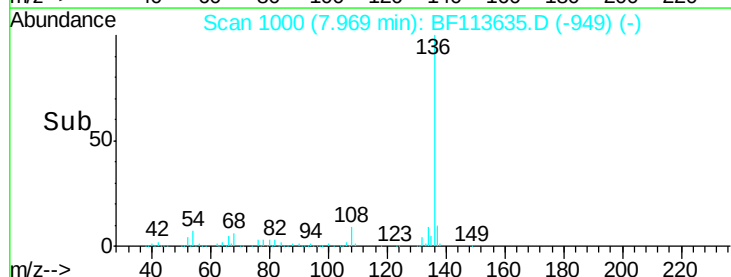
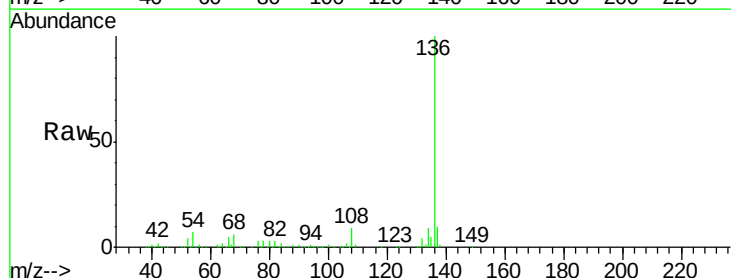
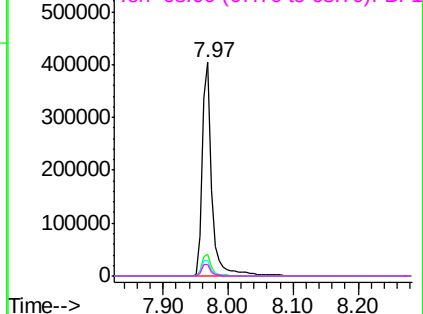
Delta R.T. 0.00 min

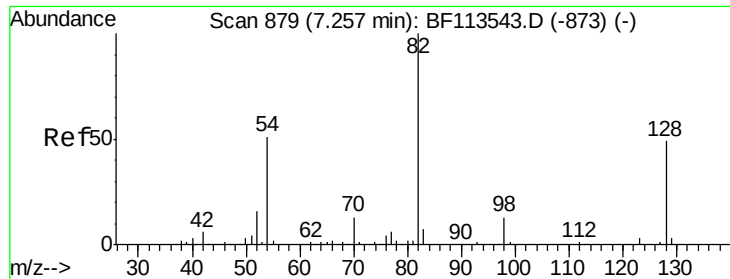
Lab File: BF113635.D

Acq: 6 Apr 2019 00:41

Tgt Ion:	136	Resp:	414437
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	7.4	7.0	10.6
68	5.5	4.8	7.2

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





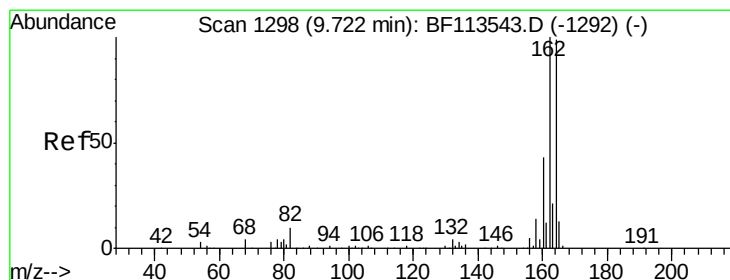
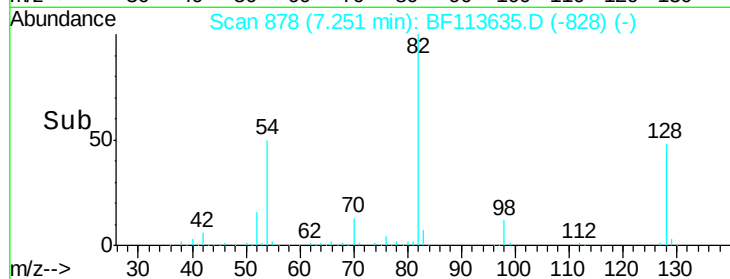
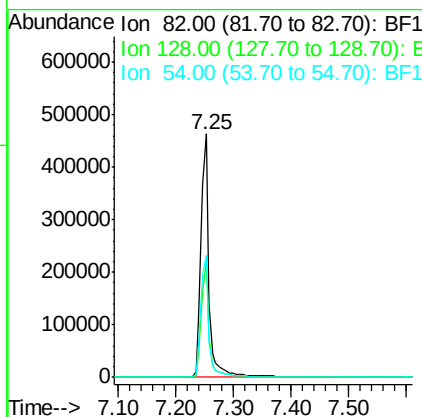
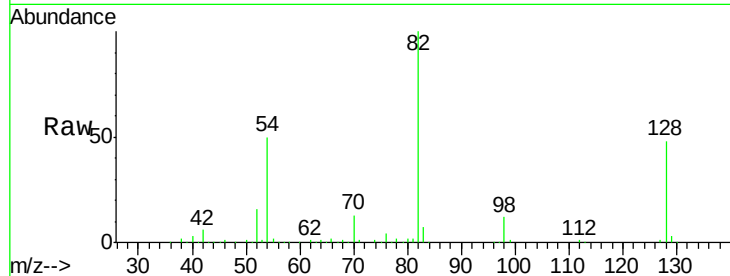
#23
 Nitrobenzene-d5
 Concen: 65.152 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113635.D
 Acq: 6 Apr 2019 00:41

Instrument :
 BNA_F
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-1

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	460970		
128	48.1	36.5	54.7	
54	50.2	42.2	63.2	

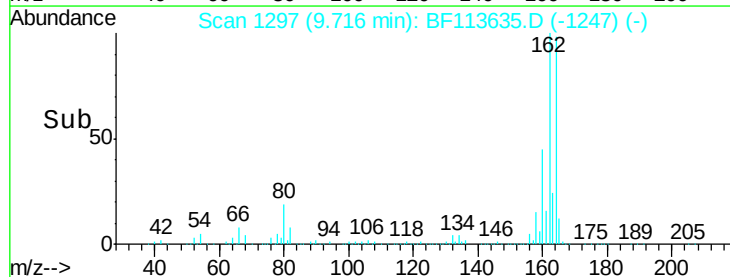
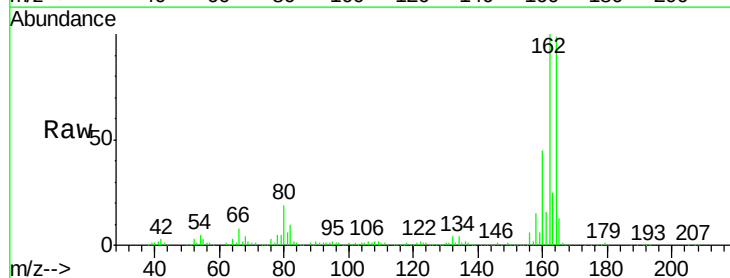
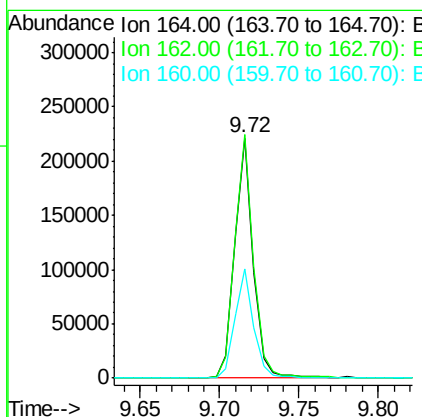
Manual Integrations
 APPROVED

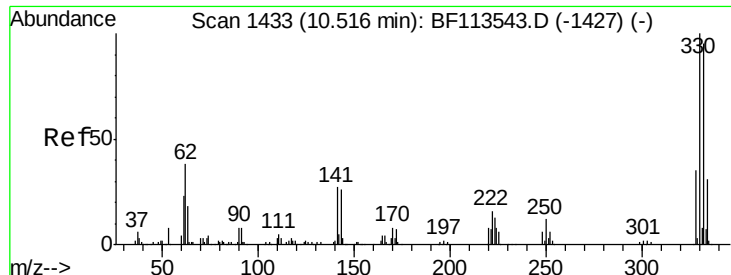
Sohil
 4/8/2019 9:48:21 AM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF113635.D
 Acq: 6 Apr 2019 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	178947		
162	101.4	81.8	122.6	
160	45.7	36.4	54.6	





#42

2,4,6-Tribromophenol

Concen: 95.458 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF113635.D

Acq: 6 Apr 2019 00:41

Instrument :

BNA_F

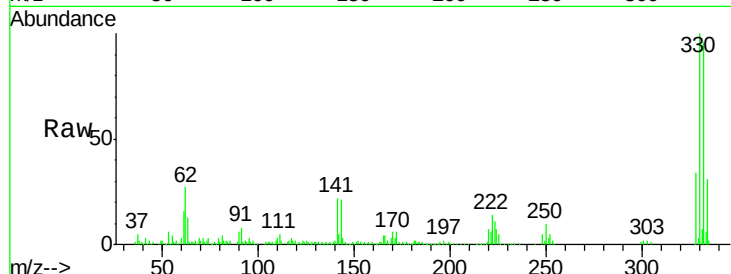
ClientSampleId :

BELT-PARKWAY-STAGING-YARD-1

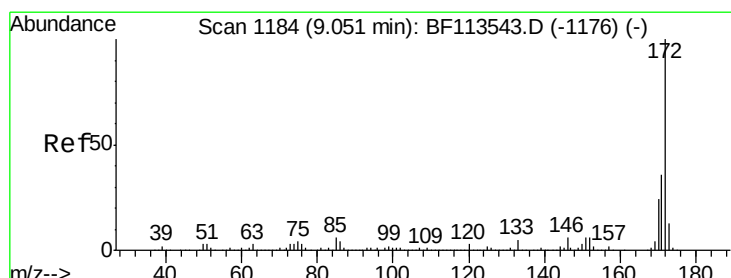
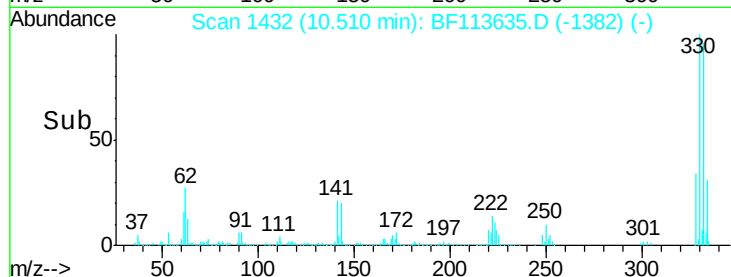
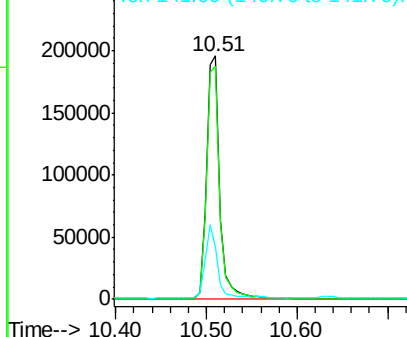
Tgt Ion:	330	Resp:	205196
Ion Ratio		Lower	Upper
330	100		
332	96.3	77.8	116.6
141	28.4	22.7	34.1

Manual Integrations
APPROVED

Sohil
4/8/2019 9:48:21 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



#45

2-Fluorobiphenyl

Concen: 80.753 ng

RT: 9.04 min Scan# 1182

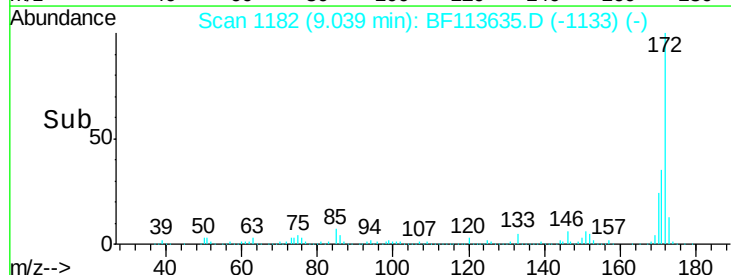
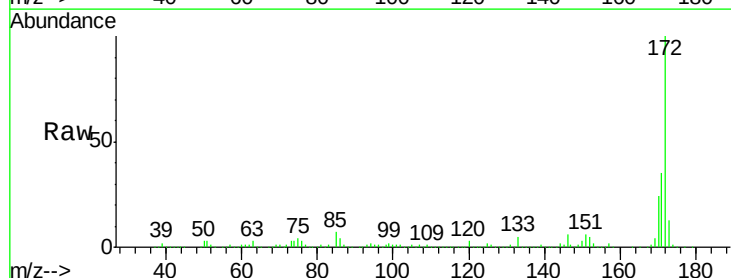
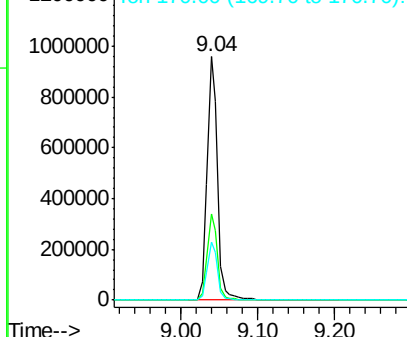
Delta R.T. -0.01 min

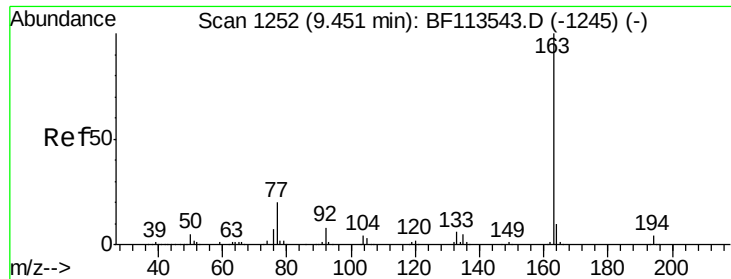
Lab File: BF113635.D

Acq: 6 Apr 2019 00:41

Tgt Ion:	172	Resp:	897609
Ion Ratio		Lower	Upper
172	100		
171	35.5	29.0	43.6
170	24.0	19.5	29.3

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





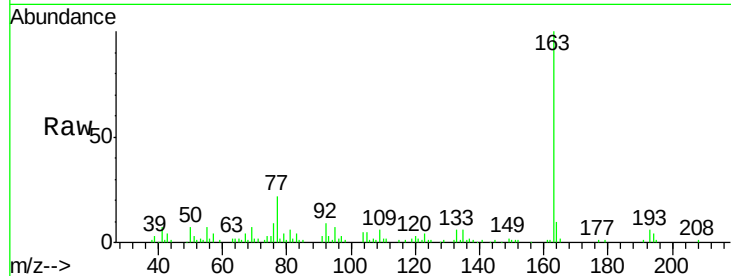
#50
Dimethylphthalate
Concen: 4.848 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113635.D
Acq: 6 Apr 2019 00:41

Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

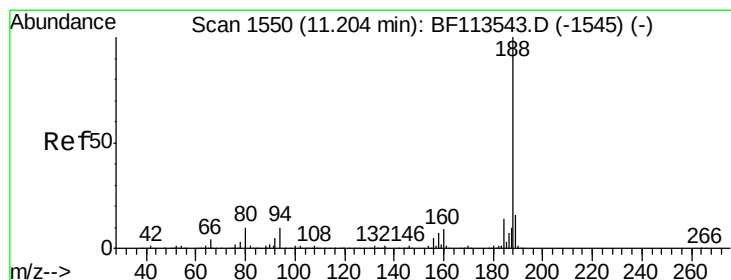
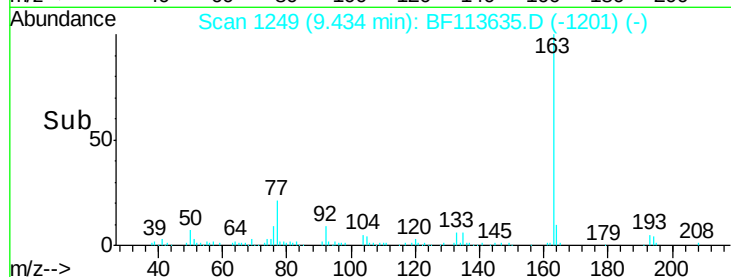
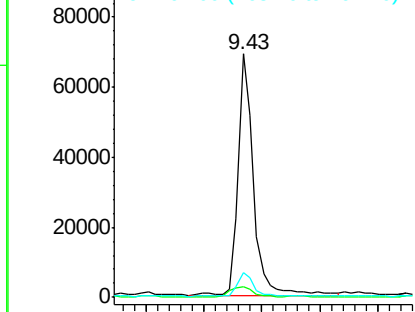
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	63954		
194	4.4		3.0	4.6
164	10.2		8.1	12.1

Manual Integrations
APPROVED

Sohil
4/8/2019 9:48:21 AM

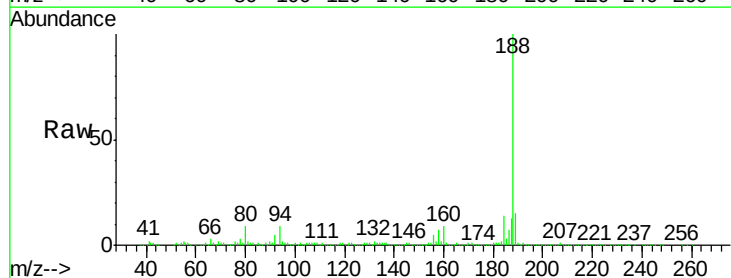


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

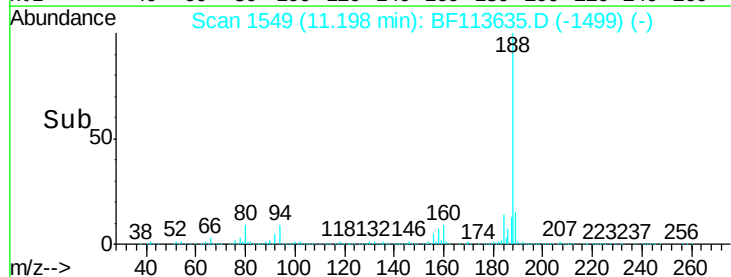
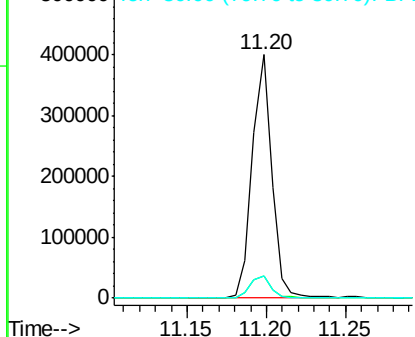


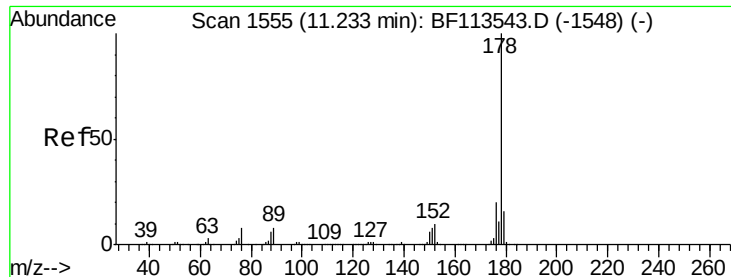
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF113635.D
Acq: 6 Apr 2019 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	344779		
94	9.0		7.0	10.6
80	9.1		7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 12.478 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF113635.D

Acq: 6 Apr 2019 00:41

Instrument :

BNA_F

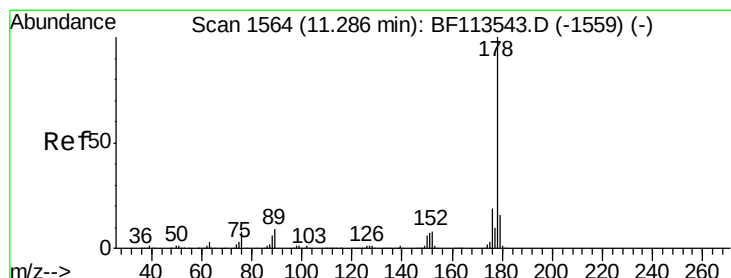
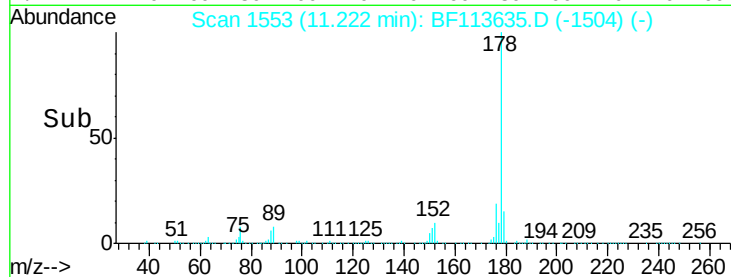
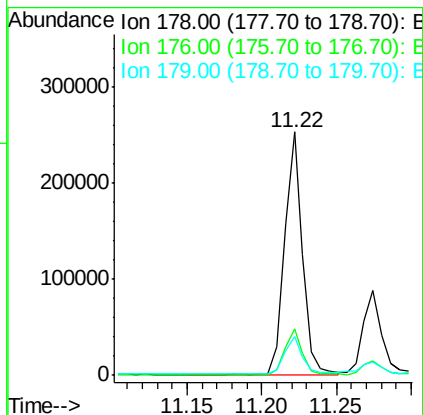
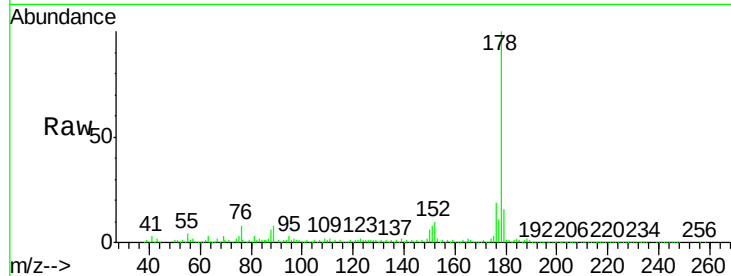
ClientSampleId :

BELT-PARKWAY-STAGING-YARD-1

Tgt Ion:	178	Resp:	213775
Ion Ratio	Lower	Upper	
178	100		
176	19.1	16.2	24.2
179	15.7	12.7	19.1

Manual Integrations
APPROVED

Sohil
4/8/2019 9:48:21 AM



#72

Anthracene

Concen: 4.068 ng

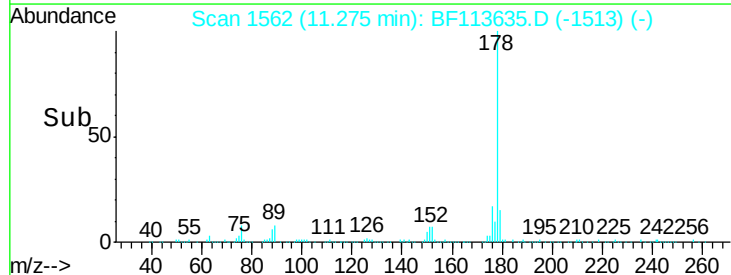
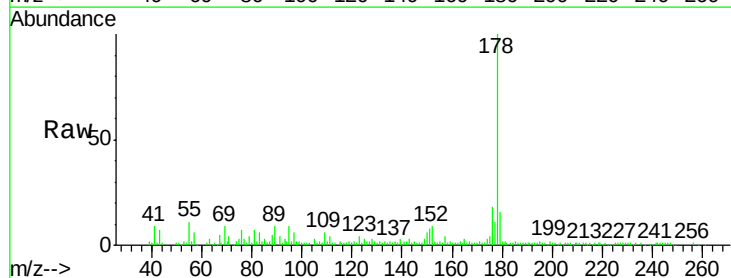
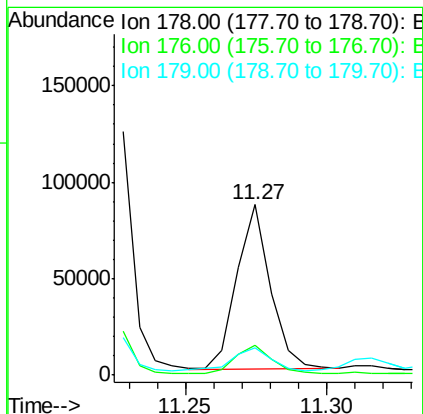
RT: 11.27 min Scan# 1562

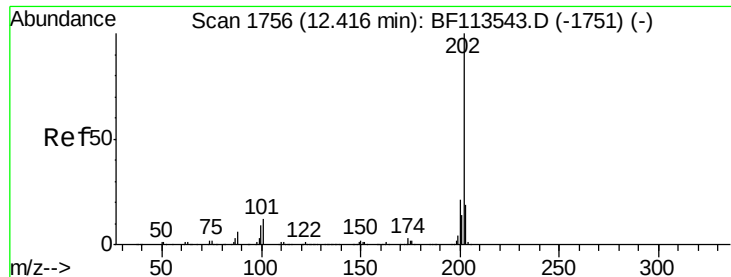
Delta R.T. -0.01 min

Lab File: BF113635.D

Acq: 6 Apr 2019 00:41

Tgt Ion:	178	Resp:	70914
Ion Ratio	Lower	Upper	
178	100		
176	17.7	15.4	23.2
179	16.3	12.8	19.2





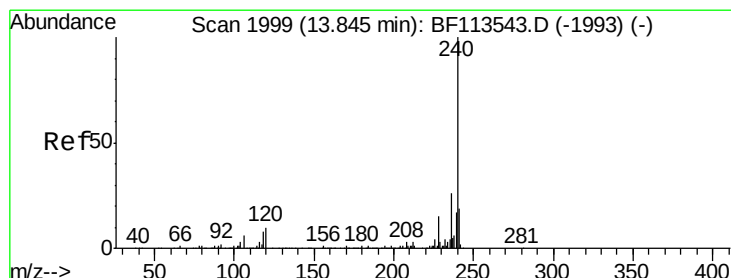
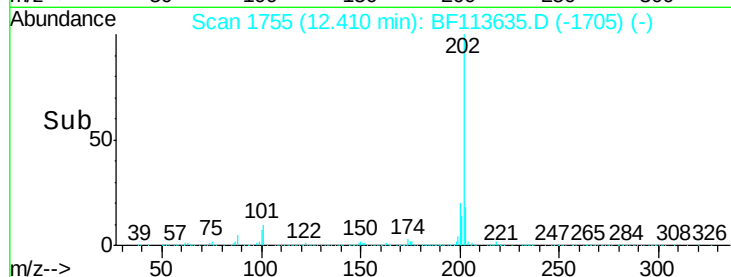
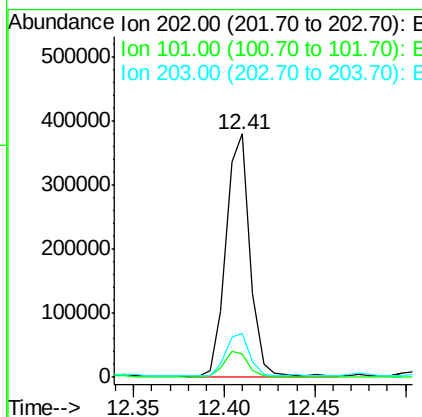
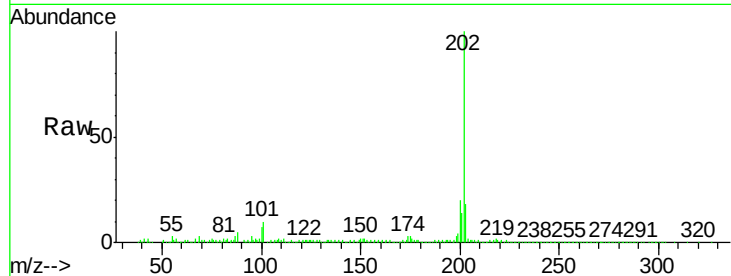
#75
Fluoranthene
Concen: 19.011 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF113635.D
Acq: 6 Apr 2019 00:41

Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	349023		
101	9.8	0.0	31.4	
203	18.1	0.0	38.0	

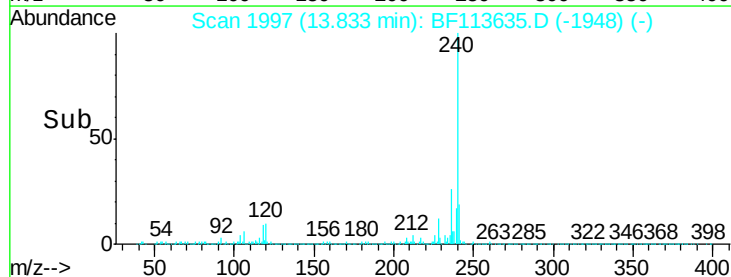
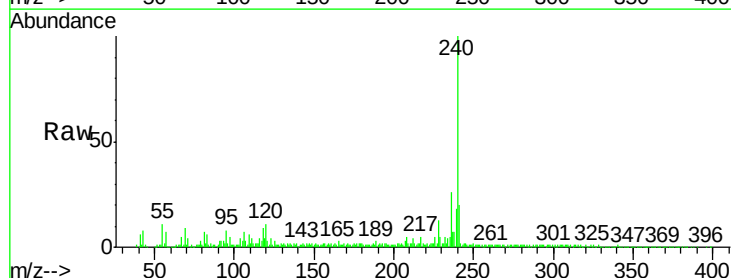
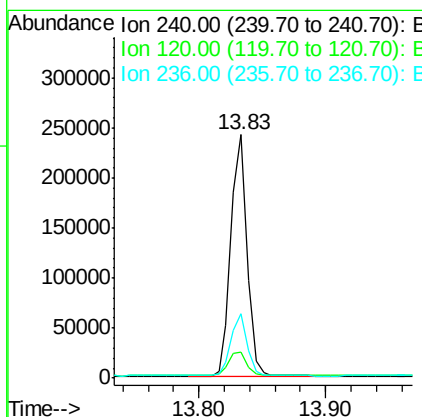
Manual Integrations
APPROVED

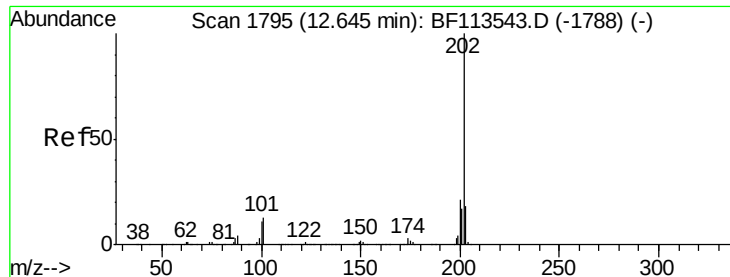
Sohil
4/8/2019 9:48:21 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113635.D
Acq: 6 Apr 2019 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	214306		
120	10.9	8.8	13.2	
236	26.4	20.9	31.3	





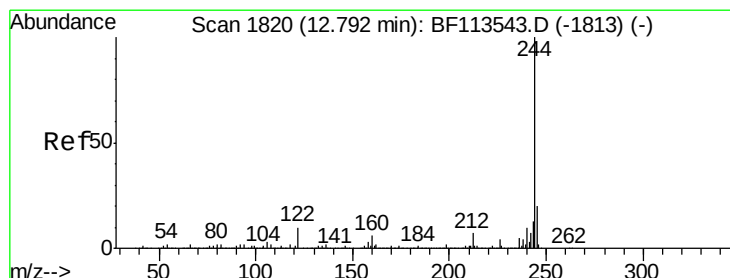
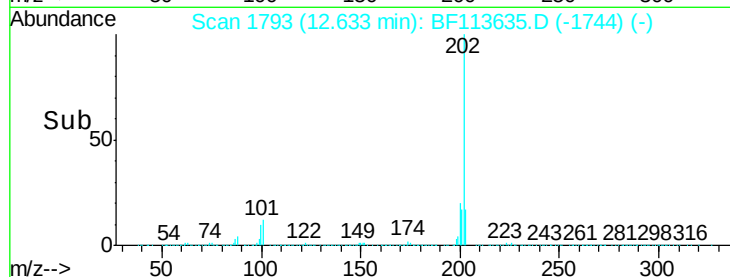
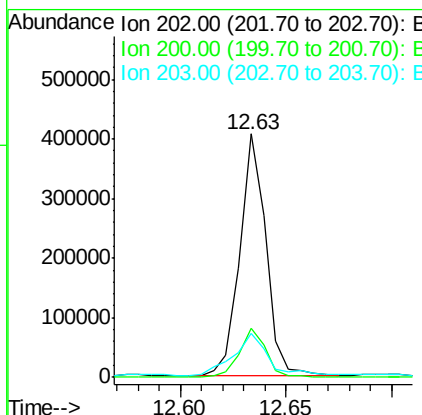
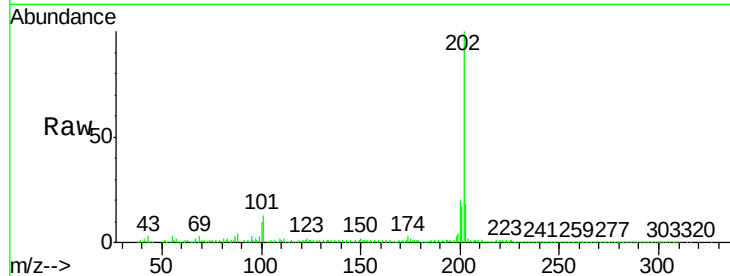
#78
 Pyrene
 Concen: 21.509 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BF113635.D
 Acq: 6 Apr 2019 00:41

Instrument :
 BNA_F
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-1

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.3	16.8	25.2	
203	18.0	14.4	21.6	

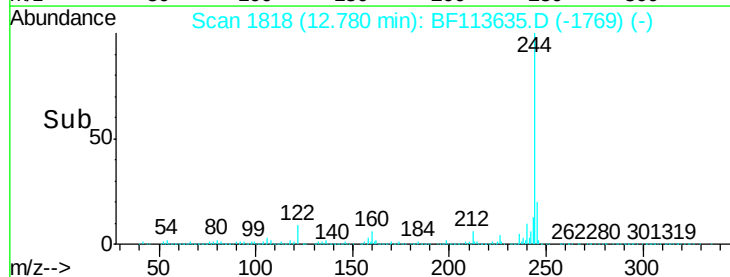
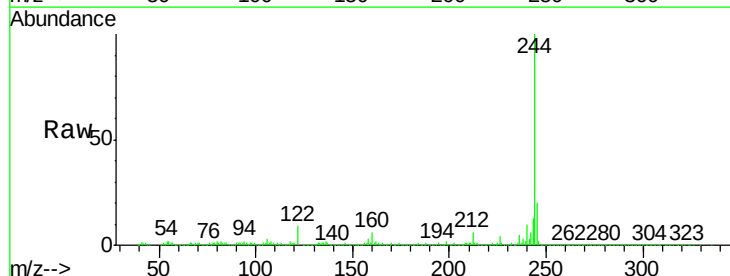
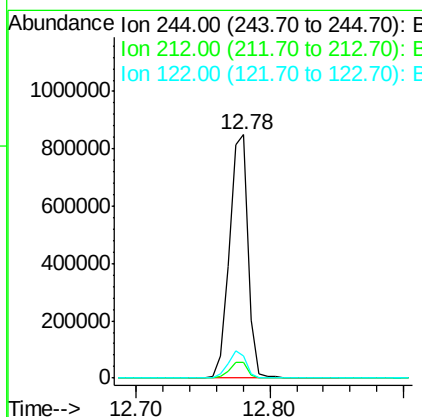
Manual Integrations
 APPROVED

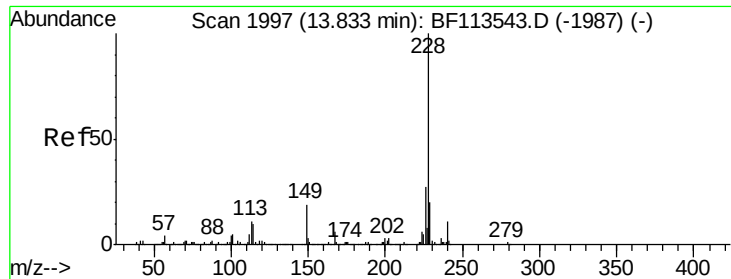
Sohil
 4/8/2019 9:48:21 AM



#79
 Terphenyl-d14
 Concen: 79.769 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF113635.D
 Acq: 6 Apr 2019 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.3	5.5	8.3	
122	9.2	8.6	13.0	





#81

Benzo(a)anthracene

Concen: 11.424 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF113635.D

Acq: 6 Apr 2019 00:41

Instrument :

BNA_F

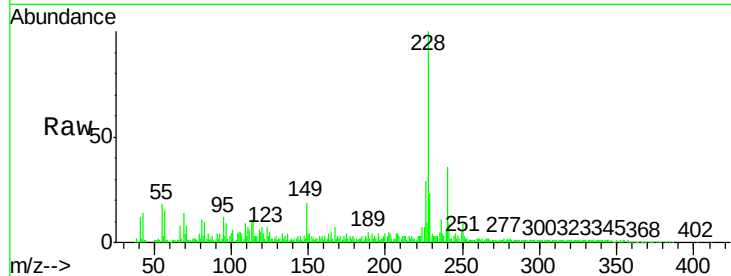
ClientSampleId :

BELT-PARKWAY-STAGING-YARD-1

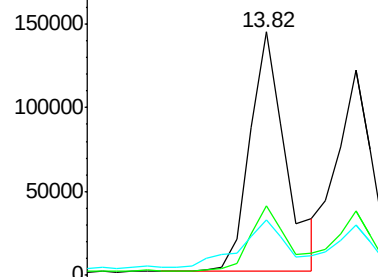
Tgt Ion:	228	Resp:	141222
Ion Ratio	Lower	Upper	
228	100		
226	28.7	21.8	32.8
229	23.0	16.2	24.4

Manual Integrations
APPROVED

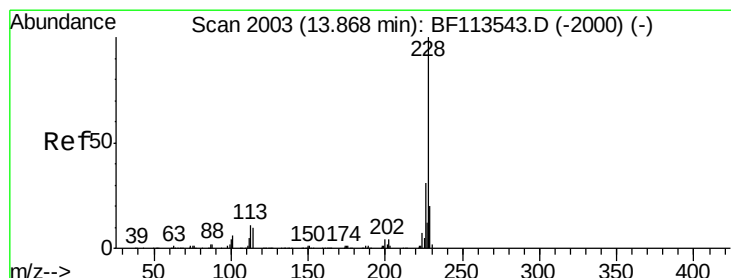
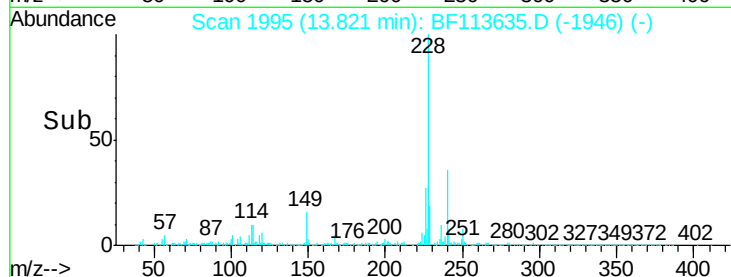
Sohil
4/8/2019 9:48:21 AM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Chrysene

Concen: 9.376 ng m

RT: 13.86 min Scan# 2001

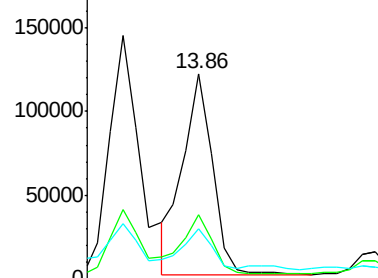
Delta R.T. -0.01 min

Lab File: BF113635.D

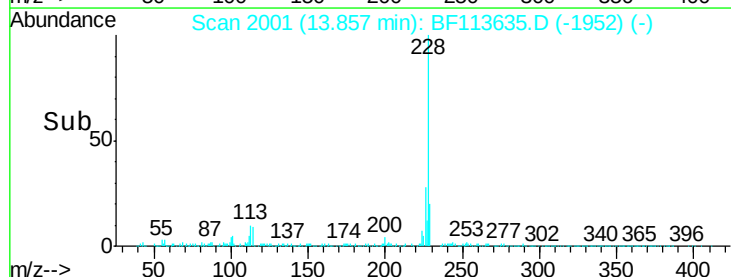
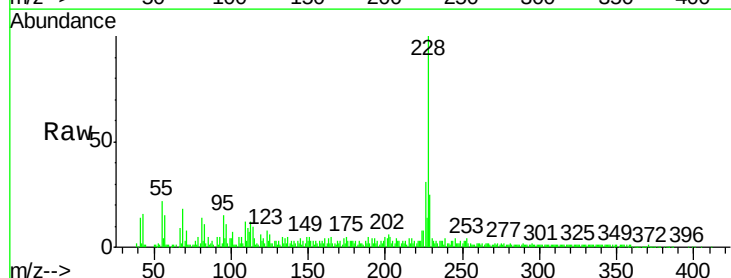
Acq: 6 Apr 2019 00:41

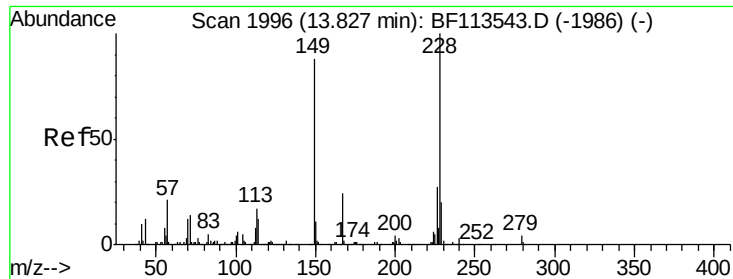
Tgt Ion:	228	Resp:	117495
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.3	36.5
229	24.6	16.3	24.5#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->





#84

Bis(2-ethylhexyl)phthalate

Concen: 22.722 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF113635.D

Acq: 6 Apr 2019 00:41

Instrument :

BNA_F

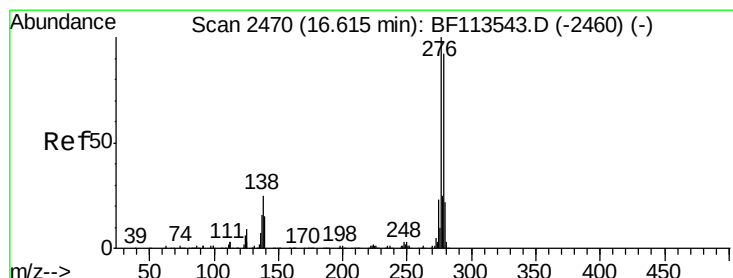
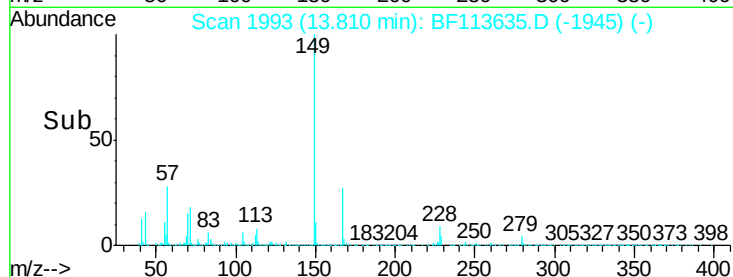
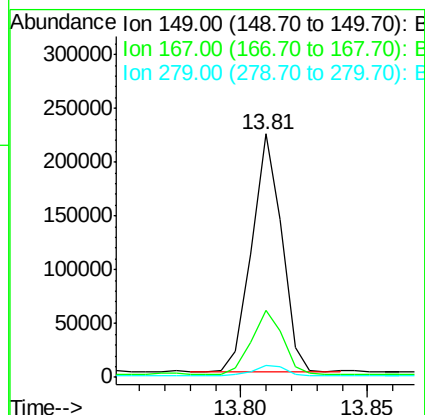
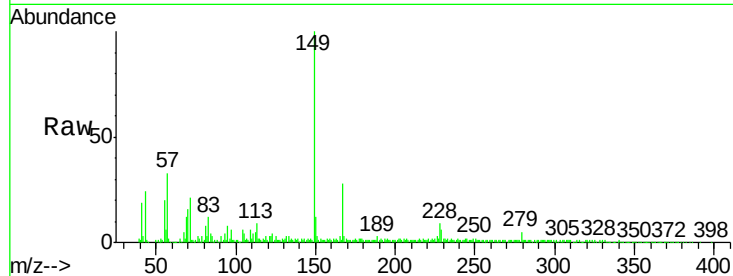
ClientSampleId :

BELT-PARKWAY-STAGING-YARD-1

Tgt Ion:	149	Resp:	182352
Ion Ratio	Lower	Upper	
149	100		
167	27.6	21.8	32.8
279	4.7	2.9	4.3#

Manual Integrations
APPROVED

Sohil
4/8/2019 9:48:21 AM



#86

Indeno(1,2,3-cd)pyrene

Concen: 5.334 ng

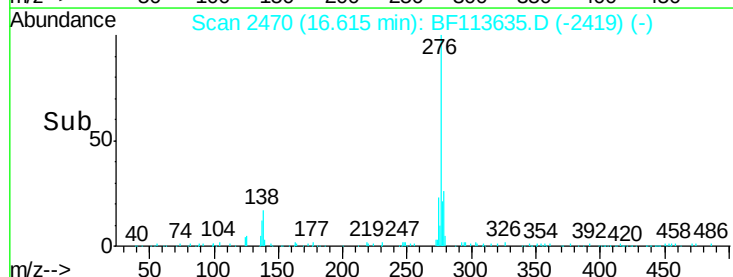
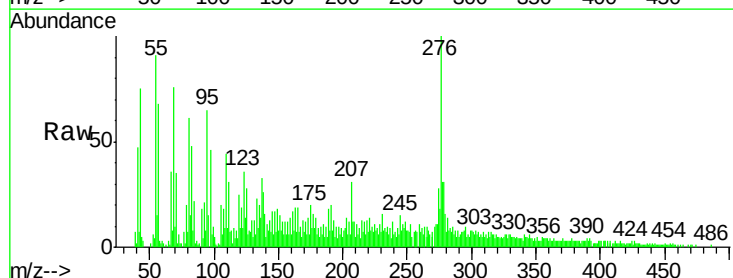
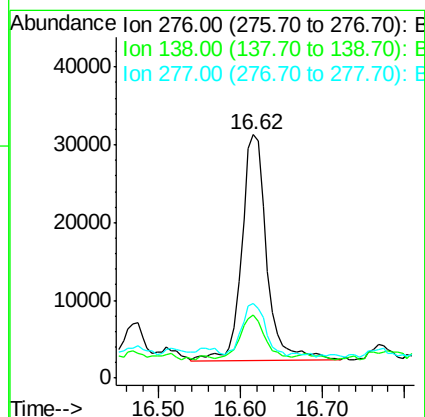
RT: 16.62 min Scan# 2470

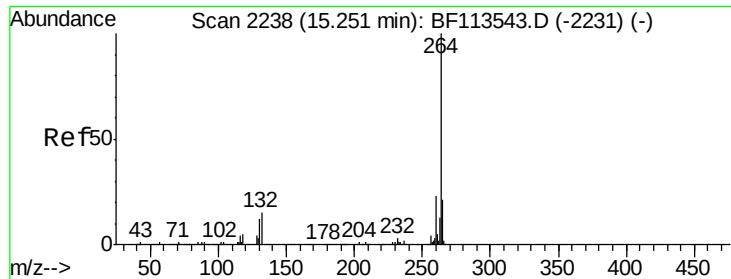
Delta R.T. 0.00 min

Lab File: BF113635.D

Acq: 6 Apr 2019 00:41

Tgt Ion:	276	Resp:	61717
Ion Ratio	Lower	Upper	
276	100		
138	18.4	18.1	27.1
277	21.1	20.2	30.4





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF113635.D

Acq: 6 Apr 2019 00:41

Instrument :

BNA_F

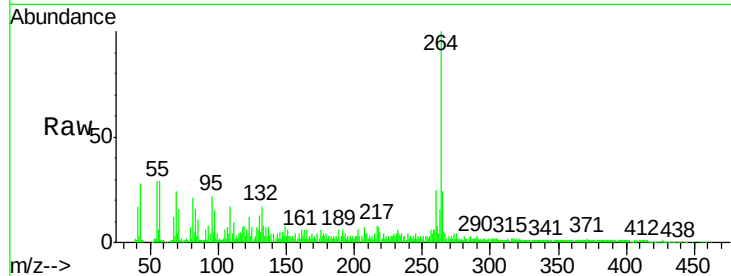
ClientSampleId :

BELT-PARKWAY-STAGING-YARD-1

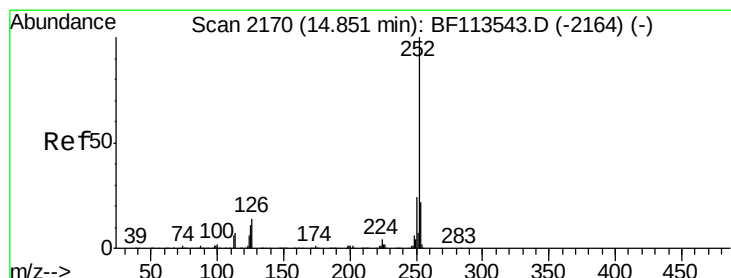
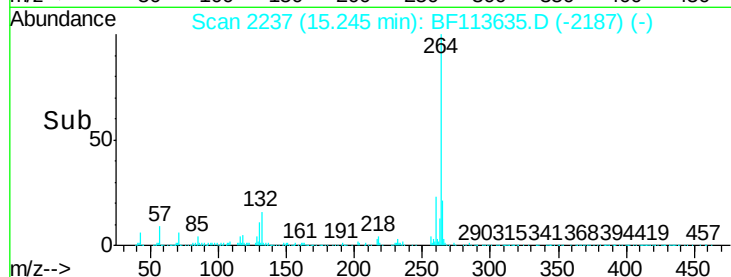
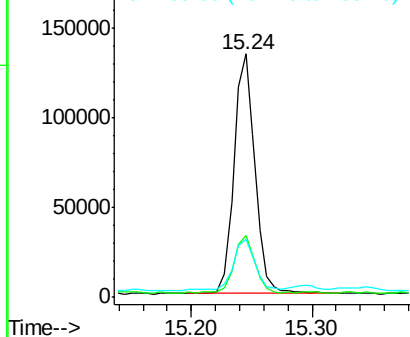
Tgt Ion:	264	Resp:	160992
Ion Ratio		Lower	Upper
264	100		
260	25.2	19.1	28.7
265	23.6	17.1	25.7

Manual Integrations
APPROVED

Sohil
4/8/2019 9:48:21 AM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 12.951 ng m

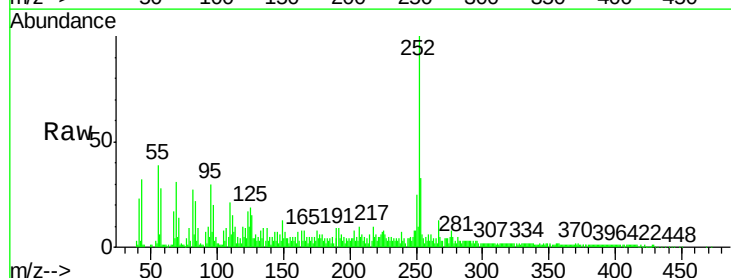
RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

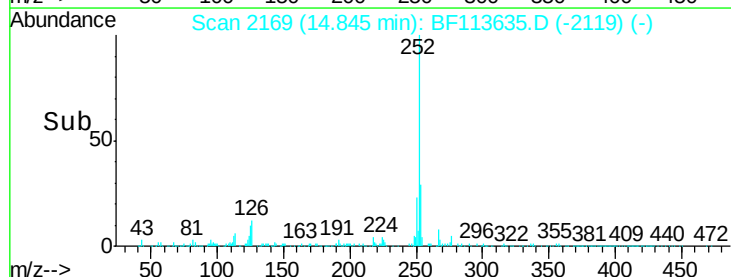
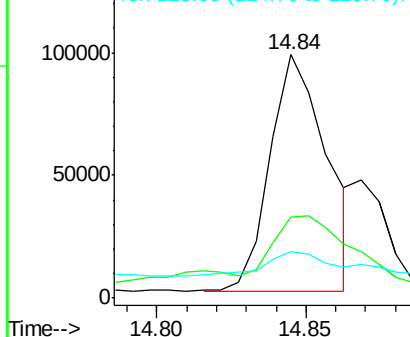
Lab File: BF113635.D

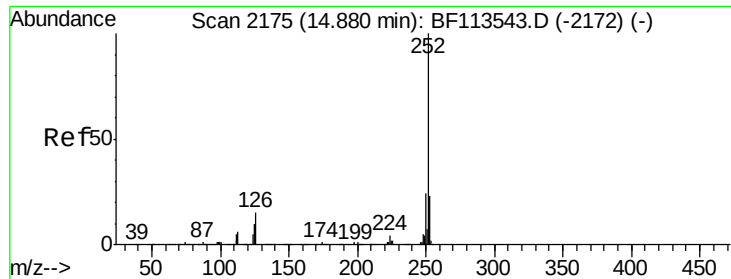
Acq: 6 Apr 2019 00:41

Tgt Ion:	252	Resp:	127631
Ion Ratio		Lower	Upper
252	100		
253	33.5	18.0	27.0#
125	19.0	7.6	11.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





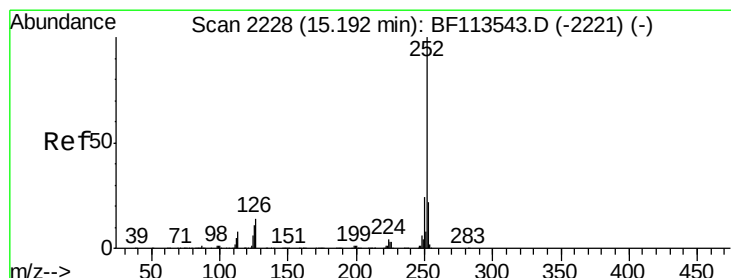
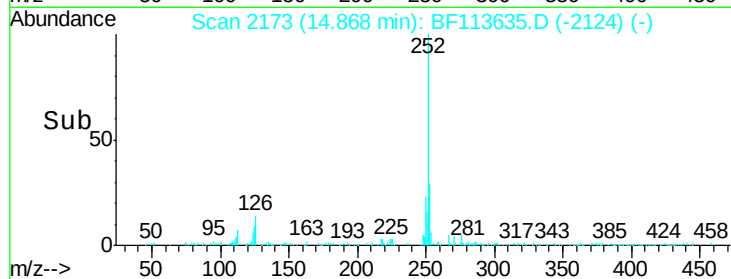
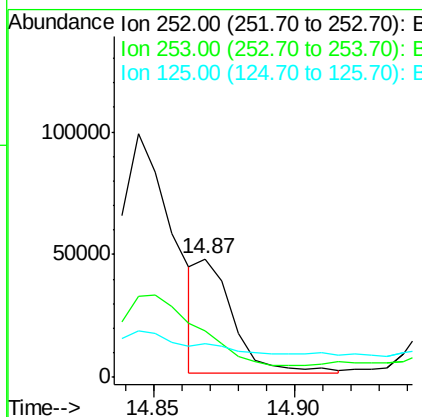
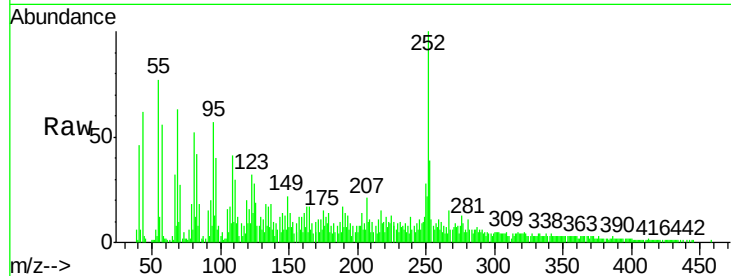
#89
Benzo(k)fluoranthene
Concen: 4.543 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113635.D
Acq: 6 Apr 2019 00:41

Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.1	17.7	26.5#
125	28.3	7.3	10.9#

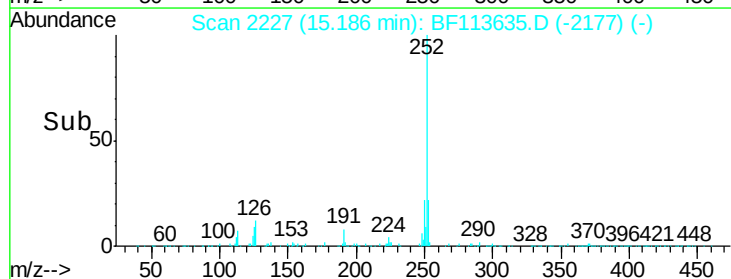
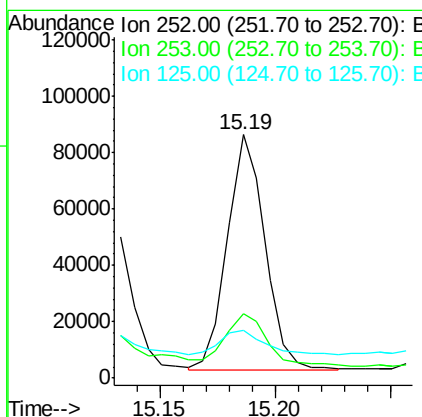
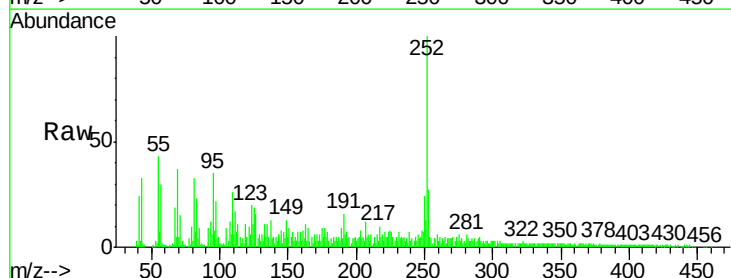
Manual Integrations
APPROVED

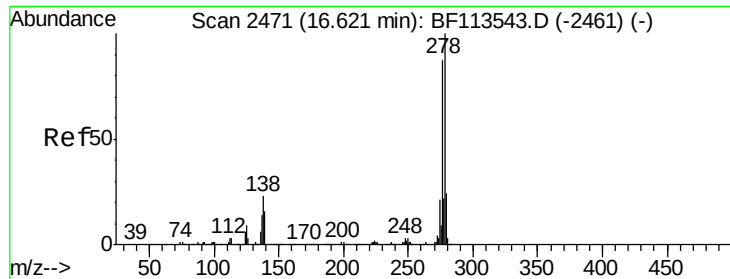
Sohil
4/8/2019 9:48:21 AM



#90
Benzo(a)pyrene
Concen: 10.906 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF113635.D
Acq: 6 Apr 2019 00:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.9	26.9
125	19.4	8.8	13.2#





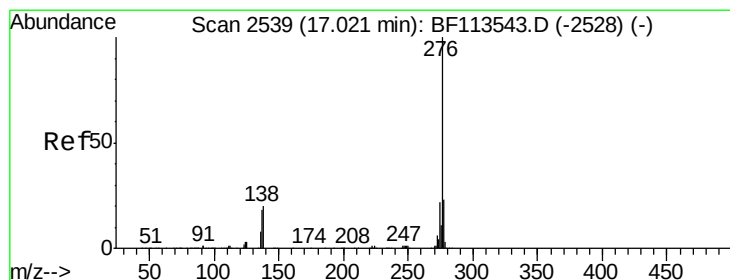
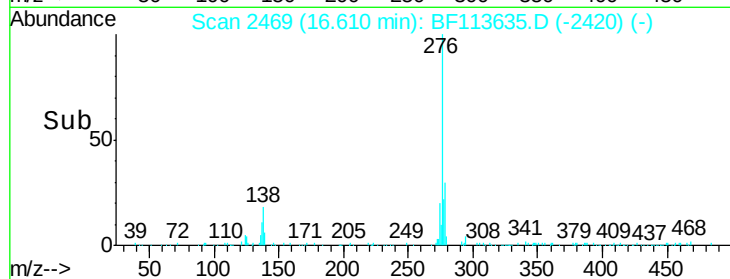
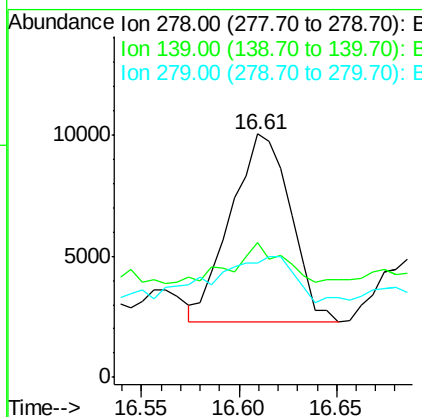
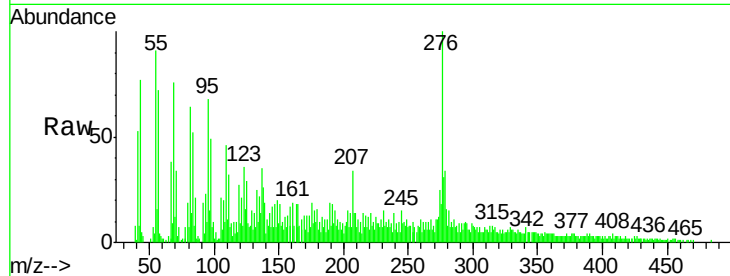
#91
Dibenzo(a,h)anthracene
Concen: 2.018 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.01 min
Lab File: BF113635.D
Acq: 6 Apr 2019 00:41

Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

Tgt Ion	Ratio	Lower	Upper
278	100		
139	55.2	12.0	18.0#
279	46.8	19.0	28.6#

Manual Integrations
APPROVED

Sohil
4/8/2019 9:48:21 AM



#92
Benzo(g,h,i)perylene
Concen: 7.188 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.01 min
Lab File: BF113635.D
Acq: 6 Apr 2019 00:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	31.9	18.8	28.2#
138	27.2	15.6	23.4#

