

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108195.D
 Acq On : 16 Aug 2018 15:21
 Operator : JU/SJ
 Sample : J4477-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

Manual Integrations
 APPROVED

Sohil
 8/17/2018 3:30:35 PM

Quant Time: Aug 16 16:50:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	174250	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	680747	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	347242	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	634737	20.00	ng	0.00
75) Chrysene-d12	14.21	240	414550	20.00	ng	0.00
86) Perylene-d12	15.77	264	454750	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	650285	67.56	ng	0.01
7) Phenol-d6	6.63	99	869170	67.96	ng	0.00
23) Nitrobenzene-d5	7.58	82	561461	46.02	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	229480	66.25	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1027392	47.50	ng	0.00
78) Terphenyl-d14	13.14	244	884516	54.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.94	88	86796	17.551	ng	89
3) Pyridine	3.71	79	240869	18.907	ng	87
4) n-Nitrosodimethylamine	3.66	42	137123	19.129	ng	83
6) Aniline	6.68	93	314066	18.053	ng	99
8) 2-Chlorophenol	6.80	128	247696	22.850	ng	99
9) Benzaldehyde	6.57	77	144223	14.544	ng	94
10) Phenol	6.65	94	299726	22.656	ng	95
11) bis(2-Chloroethyl)ether	6.74	93	236885	22.148	ng	93
12) 1,3-Dichlorobenzene	6.95	146	276651	22.072	ng	98
13) 1,4-Dichlorobenzene	7.03	146	275244	21.857	ng	99
14) 1,2-Dichlorobenzene	7.18	146	261489	22.324	ng	99
15) Benzyl Alcohol	7.15	79	234687	21.797	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	459100	20.836	ng	96
17) 2-Methylphenol	7.25	107	208799	22.461	ng	96
18) Hexachloroethane	7.53	117	100152	22.339	ng	91
19) n-Nitroso-di-n-propylamine	7.41	70	189864	21.952	ng	90
20) 3+4-Methylphenols	7.41	107	268017	22.499	ng	88
22) Acetophenone	7.42	105	356836	22.418	ng	95
24) Nitrobenzene	7.60	77	276728	22.432	ng	97
25) Isophorone	7.83	82	504493	21.696	ng	97
26) 2-Nitrophenol	7.91	139	120323	25.827	ng	95
27) 2,4-Dimethylphenol	7.94	122	229590	22.247	ng	97
28) bis(2-Chloroethoxy)methane	8.04	93	309713	22.816	ng	99
29) 2,4-Dichlorophenol	8.15	162	221177	23.288	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	232939	22.246	ng	98
31) Naphthalene	8.32	128	719706	23.247	ng	99
32) Benzoic acid	7.94	122	229590	39.540	ng	# 16
33) 4-Chloroaniline	8.37	127	243815	18.071	ng	99
34) Hexachlorobutadiene	8.43	225	147921	22.315	ng	97
35) Caprolactam	8.72	113	65166	21.896	ng	# 86
36) 4-Chloro-3-methylphenol	8.84	107	231658	22.611	ng	99
37) 2-Methylnaphthalene	9.01	142	501579	22.899	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	249926	23.438	ng	97
40) Hexachlorocyclopentadiene	9.16	237	197146	28.623	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108195.D
 Acq On : 16 Aug 2018 15:21
 Operator : JU/SJ
 Sample : J4477-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

Manual Integrations
 APPROVED

Sohil
 8/17/2018 3:30:35 PM

Quant Time: Aug 16 16:50:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.29	196	160367	24.235	nq	100
43) 2,4,5-Trichlorophenol	9.32	196	169993m	23.337	nq	
45) 1,1'-Biphenyl	9.48	154	615355	24.035	nq	97
46) 2-Chloronaphthalene	9.50	162	466889	23.073	nq	98
47) 2-Nitroaniline	9.60	65	157319	24.028	nq	87
48) Acenaphthylene	9.92	152	749175	23.419	nq	99
49) Dimethylphthalate	9.77	163	606421	25.071	nq	99
50) 2,6-Dinitrotoluene	9.84	165	122388	24.184	nq	98
51) Acenaphthene	10.10	154	444815	22.702	nq	98
52) 3-Nitroaniline	10.01	138	114804	20.734	nq	94
53) 2,4-Dinitrophenol	10.11	184	12159	12.877	nq #	25
54) Dibenzofuran	10.27	168	656359	23.122	nq	99
55) 4-Nitrophenol	10.16	139	149010	35.539	nq	91
56) 2,4-Dinitrotoluene	10.24	165	155489	23.870	nq #	97
57) Fluorene	10.61	166	517954	23.049	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	131646	21.622	nq #	86
59) Diethylphthalate	10.47	149	549034	23.441	nq	96
60) 4-Chlorophenyl-phenylether	10.60	204	265582	22.681	nq #	89
61) 4-Nitroaniline	10.62	138	113856	20.798	nq	94
62) Azobenzene	10.76	77	535532	22.140	nq	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	30627	16.776	nq	90
65) n-Nitrosodiphenylamine	10.71	169	473617	25.250	nq	95
66) 4-Bromophenyl-phenylether	11.09	248	165929	24.055	nq	91
67) Hexachlorobenzene	11.16	284	166961	23.005	nq #	89
68) Atrazine	11.24	200	155194	24.668	nq	97
69) Pentachlorophenol	11.35	266	123485	35.547	nq	98
70) Phenanthrene	11.58	178	854405	28.539	nq	99
71) Anthracene	11.63	178	744107	24.250	nq	99
72) Carbazole	11.78	167	582002	21.348	nq	100
73) Di-n-butylphthalate	12.10	149	795680	25.767	nq	99
74) Fluoranthene	12.78	202	774678	23.709	nq	95
76) Benzidine	12.89	184	286954	18.527	nq	98
77) Pyrene	13.01	202	737447	28.098	nq	100
79) Butylbenzylphthalate	13.61	149	252543	24.233	nq	95
80) Benzo(a)anthracene	14.20	228	604386	25.404	nq	100
81) 3,3'-Dichlorobenzidine	14.15	252	193434	22.687	nq #	98
82) Chrysene	14.24	228	557860	25.577	nq	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	347940	24.654	nq	99
84) Di-n-octyl phthalate	14.79	149	592791	27.542	nq #	85
85) Indeno(1,2,3-cd)pyrene	17.39	276	620123	32.813	nq #	90
87) Benzo(b)fluoranthene	15.30	252	645884	23.769	nq	97
88) Benzo(k)fluoranthene	15.34	252	534009	21.379	nq #	96
89) Benzo(a)pyrene	15.71	252	602110	24.745	nq #	96
90) Dibenzo(a,h)anthracene	17.41	278	498837	24.777	nq #	94
91) Benzo(g,h,i)perylene	17.89	276	487107	24.571	nq #	91

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

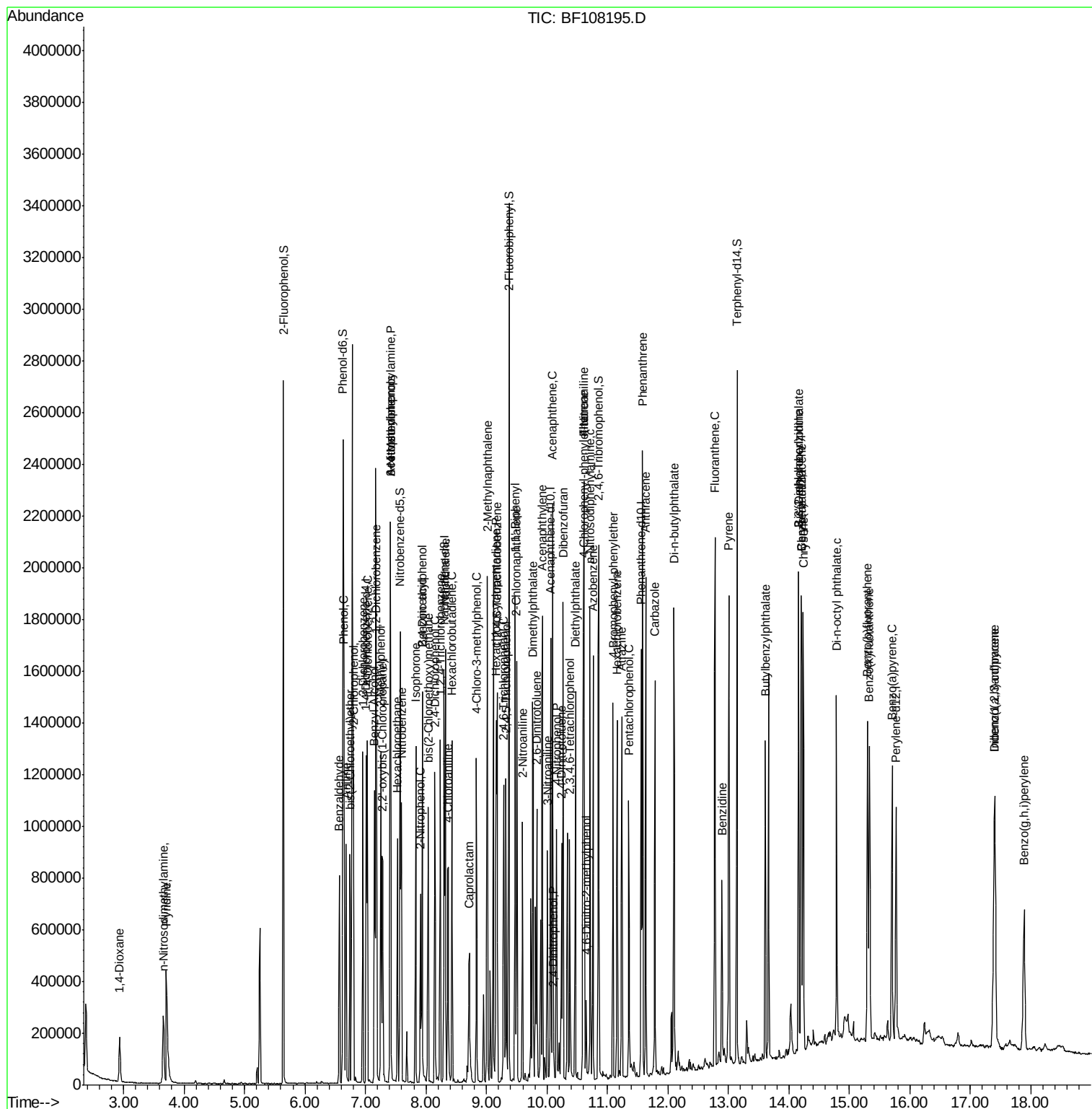
```
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\  
Data File : BF108195.D  
Acq On    : 16 Aug 2018  15:21  
Operator  : JU/SJ  
Sample    : J4477-01MS  
Misc      :  
ALS Vial  : 6      Sample Multiplier: 1
```

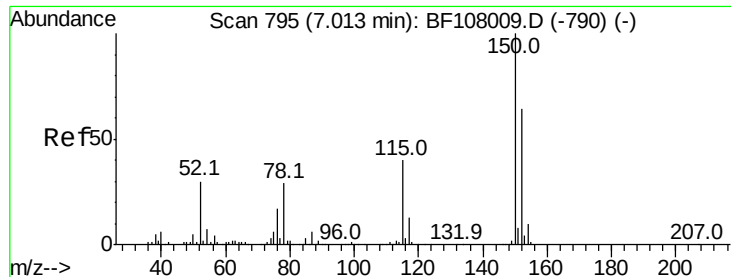
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Manual Integrations APPROVED

Sohil
8/17/2018 3:30:35 PM

Quant Time: Aug 16 16:50:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration





#1

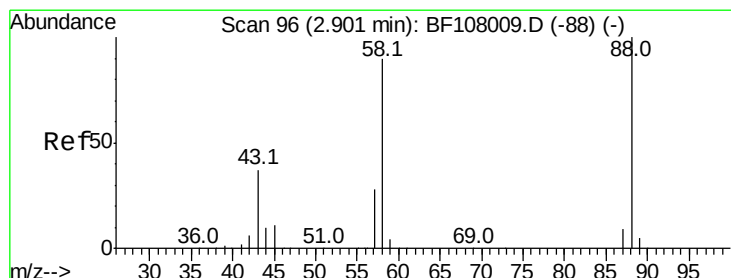
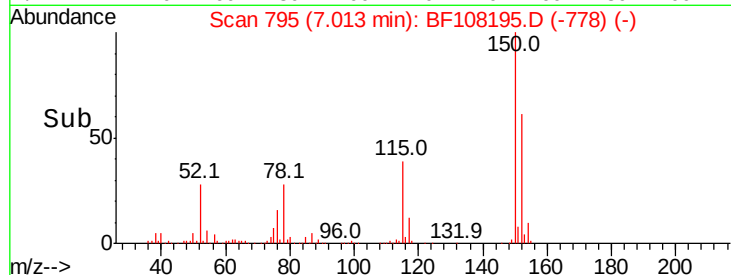
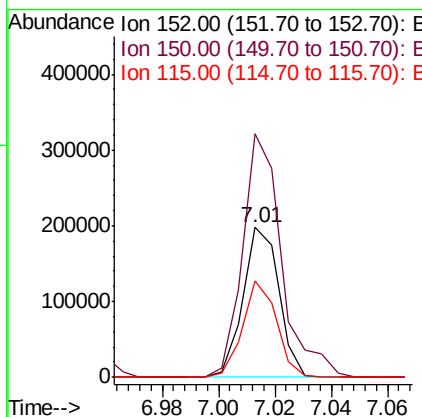
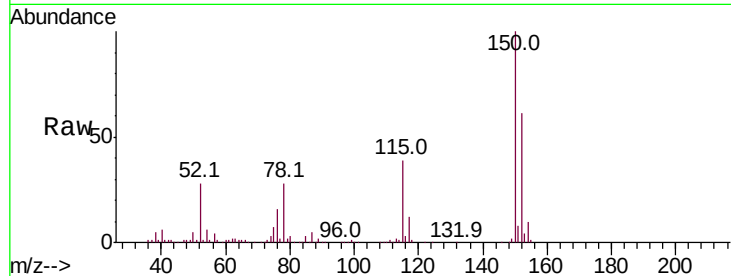
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.7	124.6	186.8
115	64.1	50.1	75.1

Manual Integrations
APPROVED

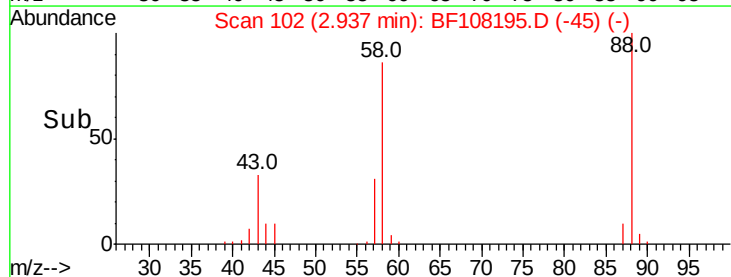
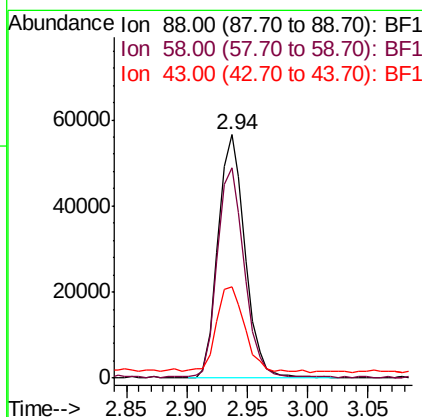
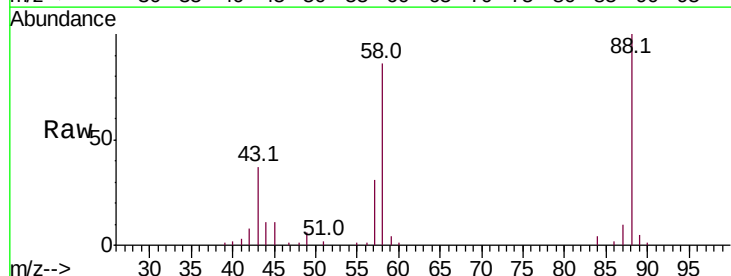
Sohil
8/17/2018 3:30:35 PM

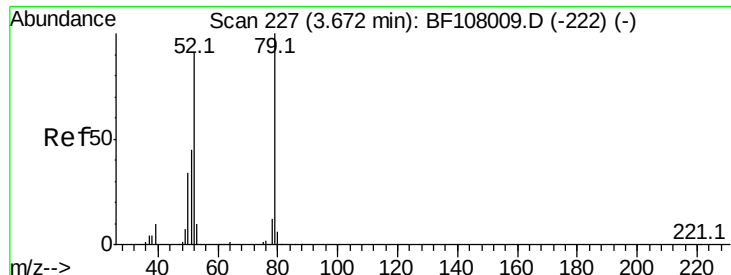


#2

1,4-Dioxane
Concen: 17.551 ng
RT: 2.94 min Scan# 102
Delta R.T. 0.04 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.5	62.6	93.8
43	35.8	24.6	37.0





#3

Pvridine

Concen: 18.907 ng

RT: 3.71 min Scan# 234

Delta R.T. 0.04 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Instrument :

BNA_F

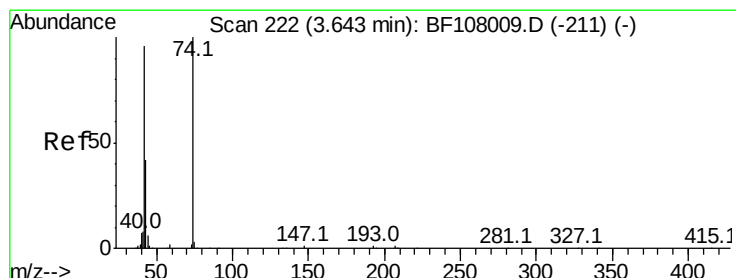
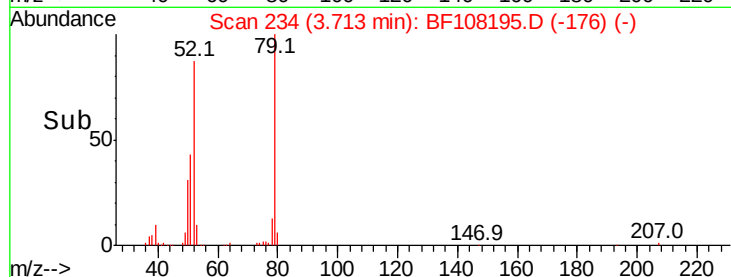
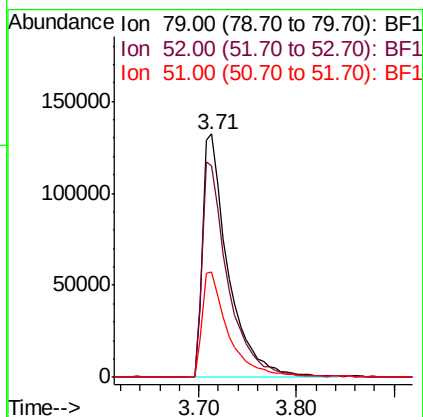
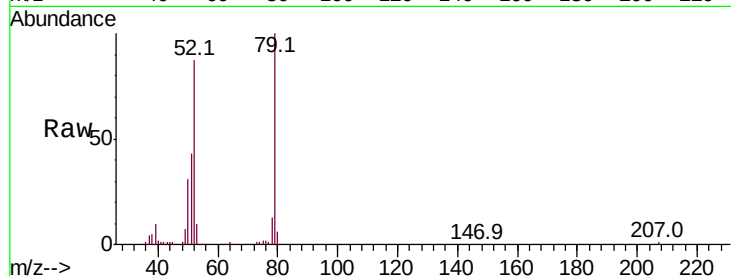
ClientSampleId :

FK-SF-03-004-AMS

Tot Ion:	79	Resp:	240869
Ion Ratio	Lower	Upper	
79	100		
52	86.9	59.8	89.6
51	43.0	29.8	44.8

Manual Integrations
APPROVED

Sohil
8/17/2018 3:30:35 PM



#4

n-Nitrosodimethylamine

Concen: 19.129 ng

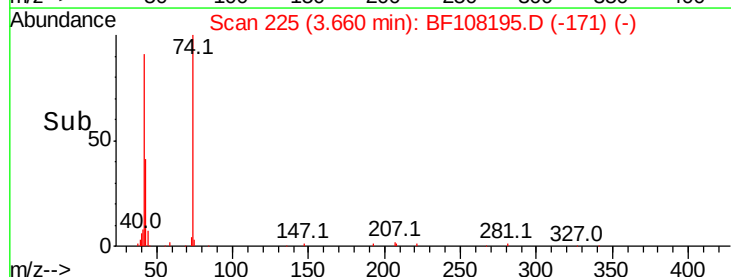
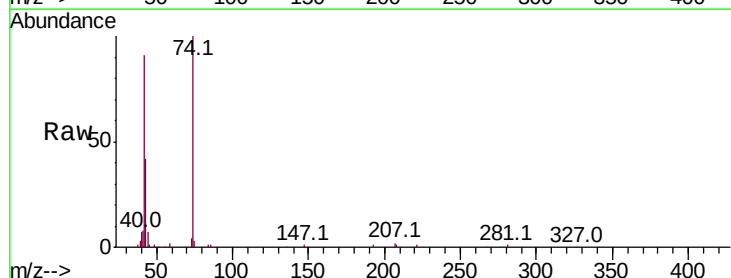
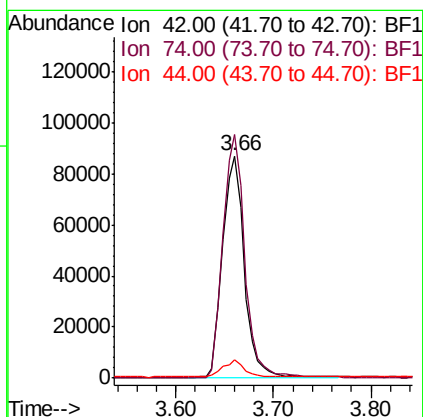
RT: 3.66 min Scan# 225

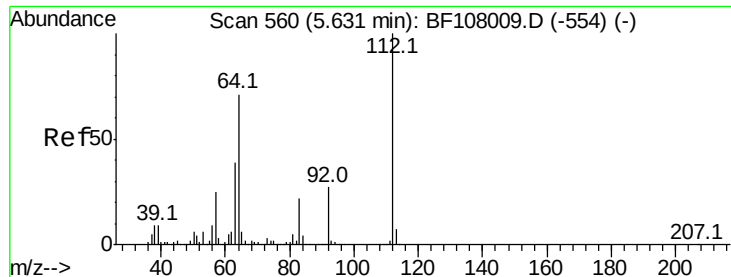
Delta R.T. 0.02 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Tgt Ion:	42	Resp:	137123
Ion Ratio	Lower	Upper	
42	100		
74	109.6	104.9	157.3
44	8.2	6.9	10.3





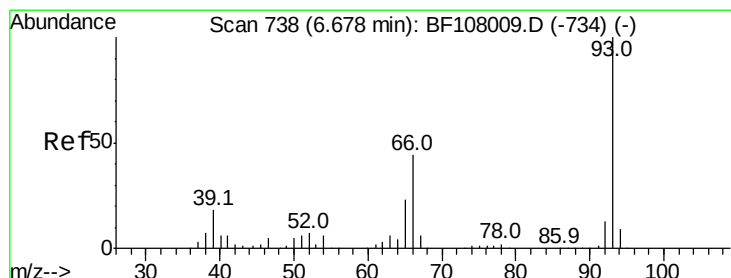
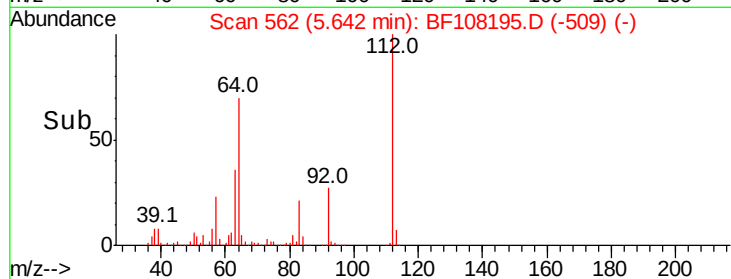
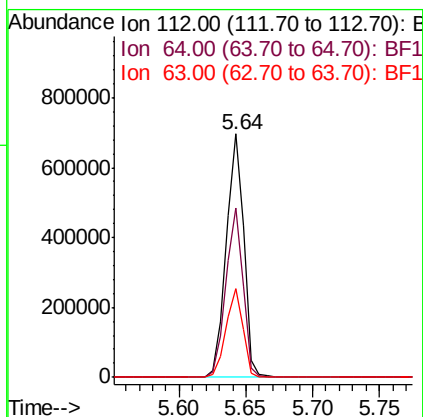
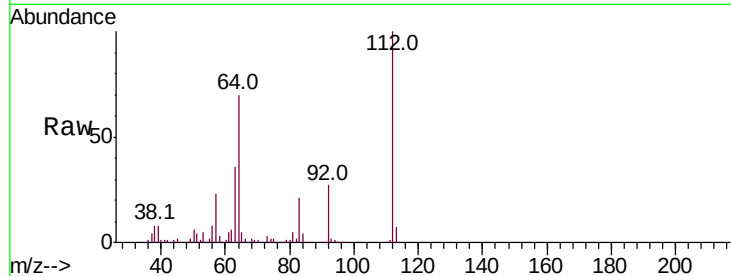
#5
2-Fluorophenol
Concen: 67.565 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	69.7	47.9	71.9
63	36.2	23.7	35.5

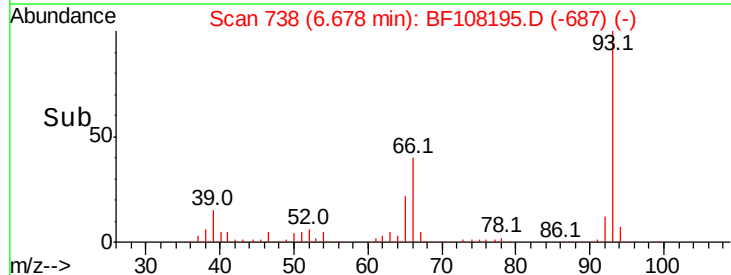
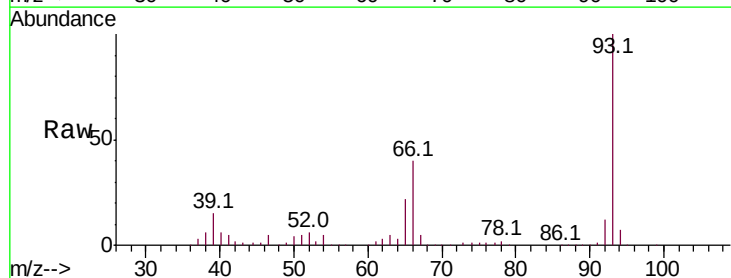
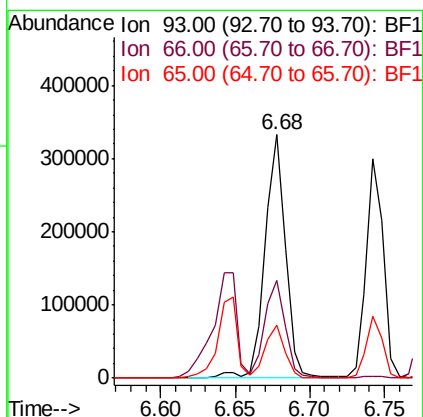
Manual Integrations
APPROVED

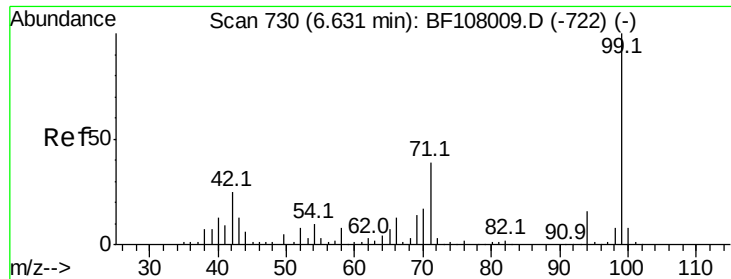
Sohil
8/17/2018 3:30:35 PM



#6
Aniline
Concen: 18.053 ng
RT: 6.68 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	39.9	32.2	48.2
65	21.7	16.4	24.6





#7

Phenol-d6

Concen: 67.958 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Instrument :

BNA_F

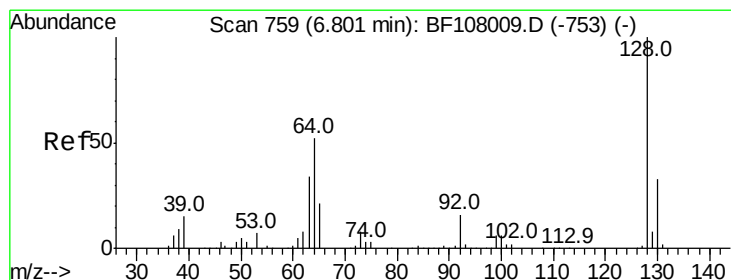
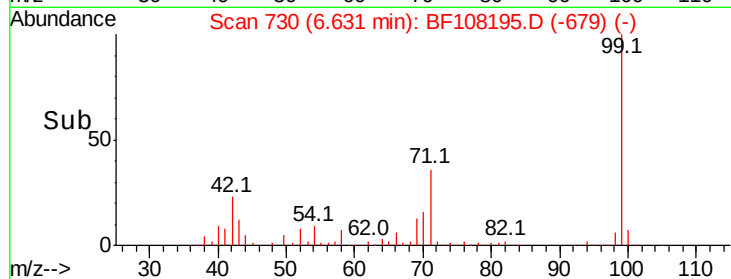
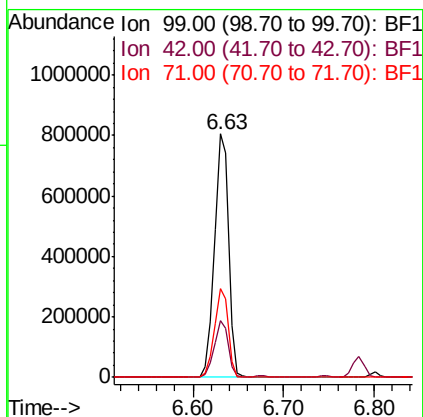
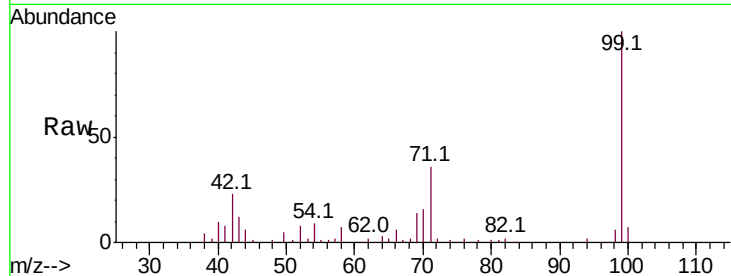
ClientSampleId :

FK-SF-03-004-AMS

Tot Ion:	99	Resp:	869170
Ion Ratio	Lower	Upper	
99	100		
42	23.2	14.5	21.7#
71	36.3	25.4	38.0

Manual Integrations
APPROVED

Sohil
8/17/2018 3:30:35 PM



#8

2-Chlorophenol

Concen: 22.850 ng

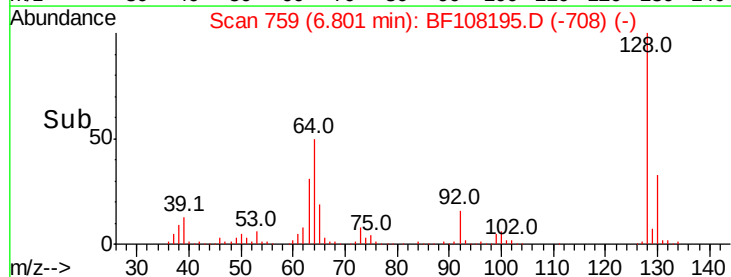
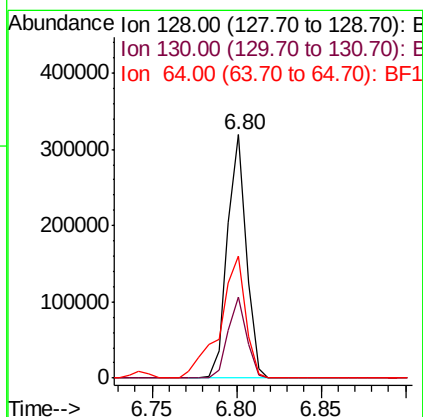
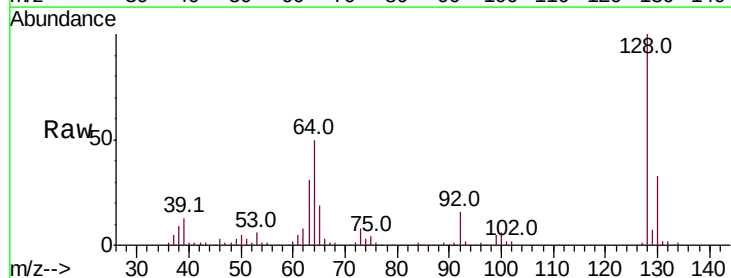
RT: 6.80 min Scan# 759

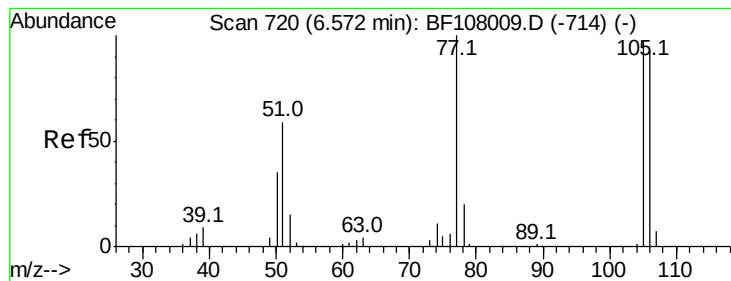
Delta R.T. 0.00 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Tgt Ion:	128	Resp:	247696
Ion Ratio	Lower	Upper	
128	100		
130	33.1	13.0	53.0
64	50.0	29.4	69.4





#9

Benzaldehyde

Concen: 14.544 ng

RT: 6.57 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Instrument :

BNA_F

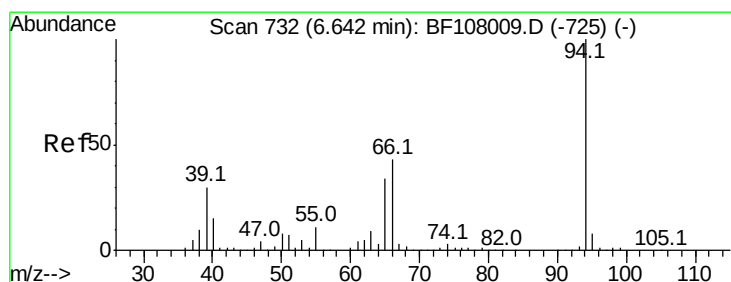
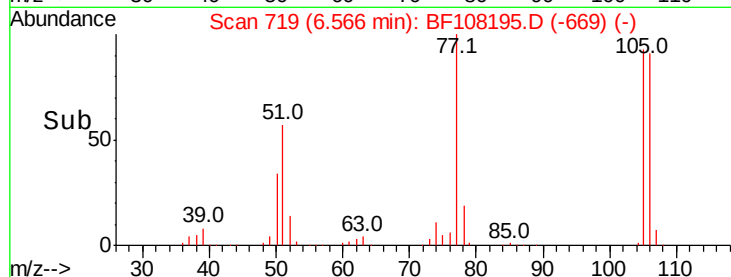
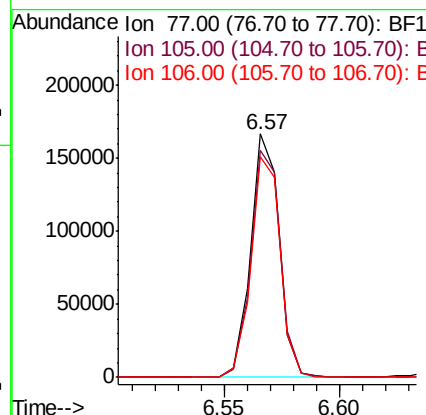
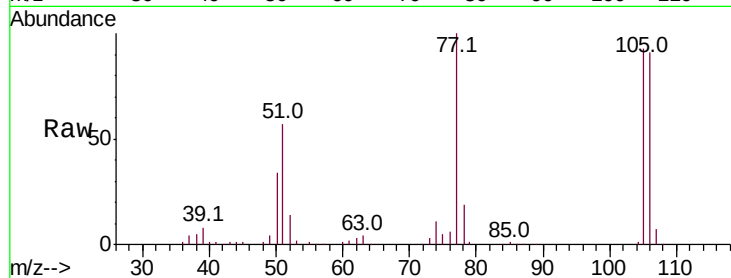
ClientSampleId :

FK-SF-03-004-AMS

Tot Ion:	77	Resp:	144223
Ion Ratio	Lower	Upper	
77	100		
105	93.4	81.1	121.1
106	90.7	74.5	114.5

Manual Integrations
APPROVED

Sohil
8/17/2018 3:30:35 PM



#10

Phenol

Concen: 22.656 ng

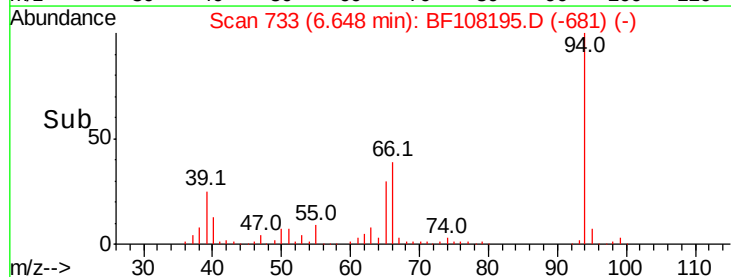
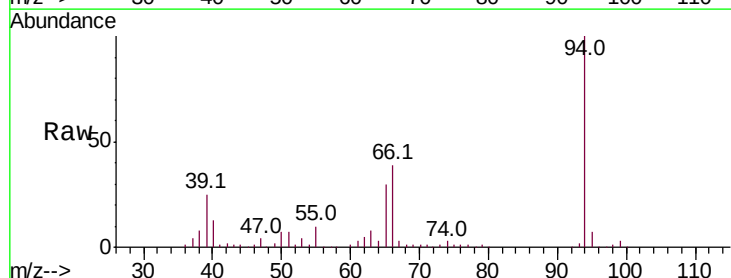
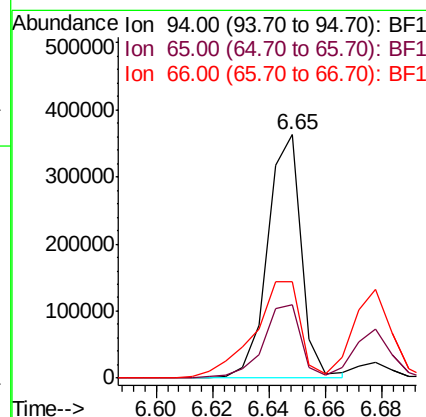
RT: 6.65 min Scan# 733

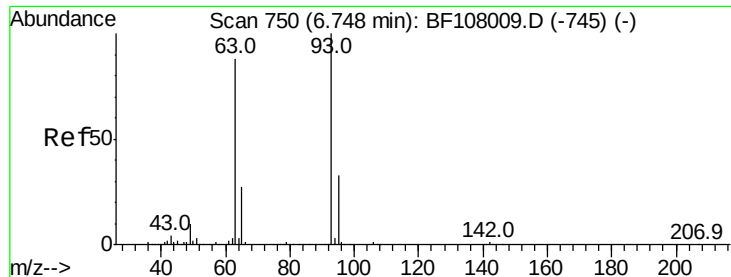
Delta R.T. 0.01 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Tgt Ion:	94	Resp:	299726
Ion Ratio	Lower	Upper	
94	100		
65	30.3	7.9	47.9
66	39.5	16.2	56.2





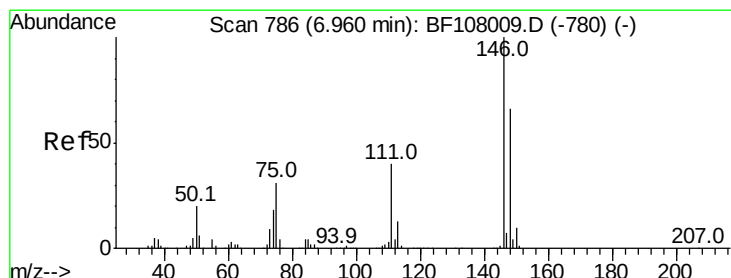
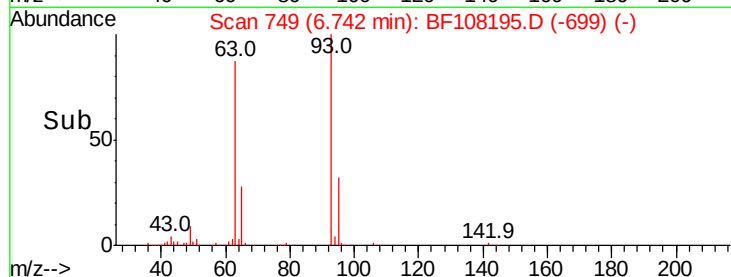
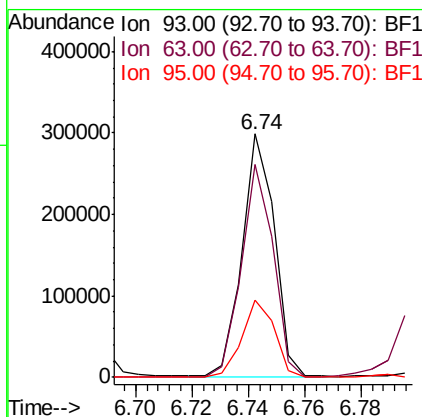
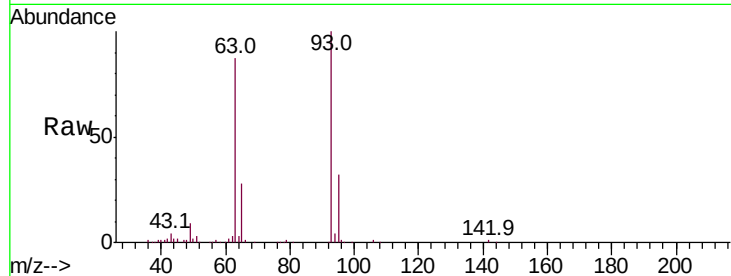
#11
bis(2-Chloroethyl)ether
Concen: 22.148 ng
RT: 6.74 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.5	58.6	98.6
95	31.6	11.8	51.8

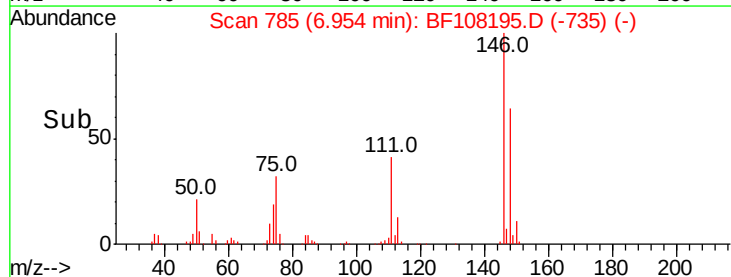
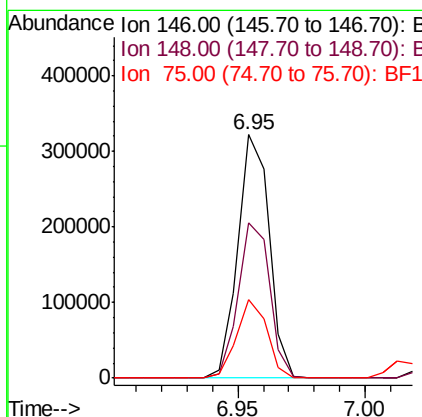
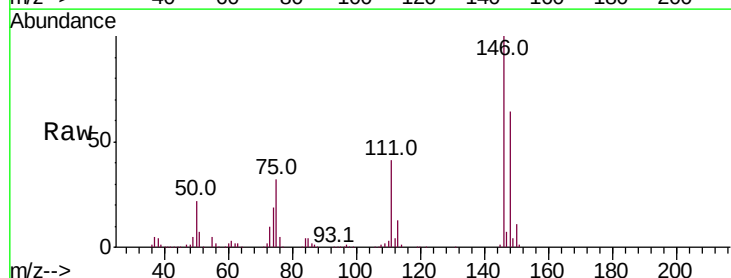
Manual Integrations
APPROVED

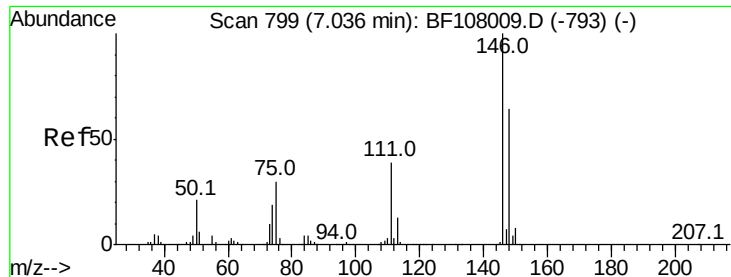
Sohil
8/17/2018 3:30:35 PM



#12
1,3-Dichlorobenzene
Concen: 22.072 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
75	32.1	24.2	36.4





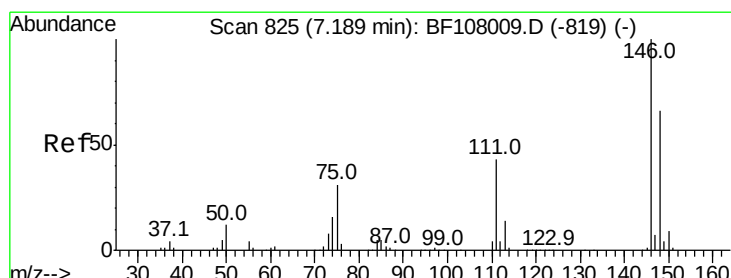
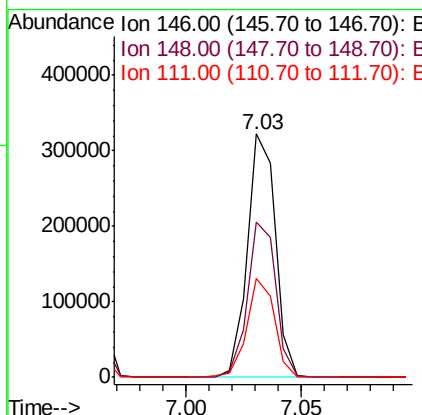
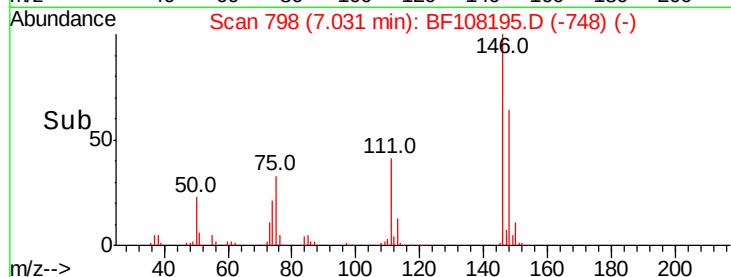
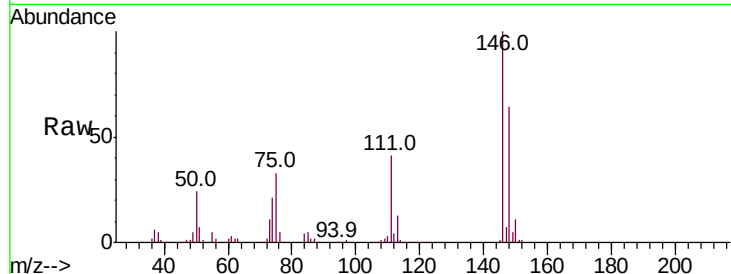
#13
1,4-Dichlorobenzene
Concen: 21.857 ng
RT: 7.03 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	40.6	34.2	51.2

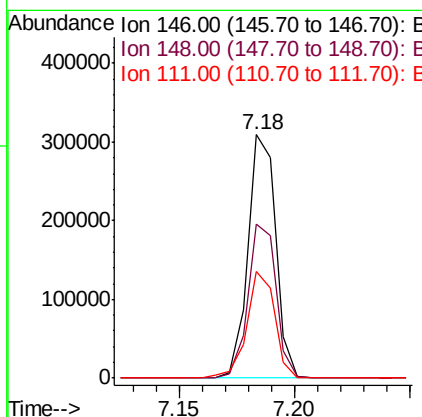
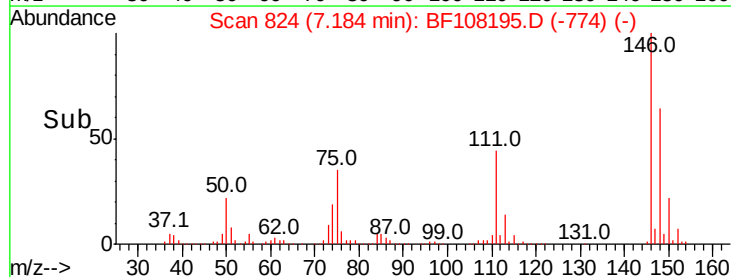
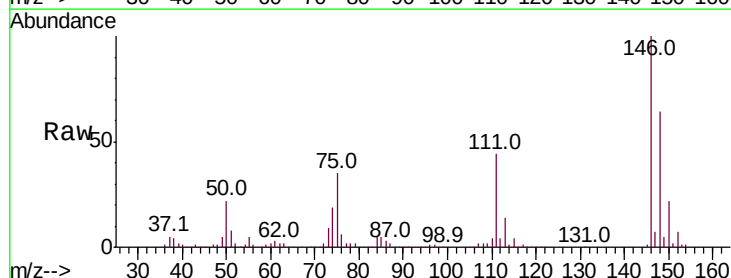
Manual Integrations
APPROVED

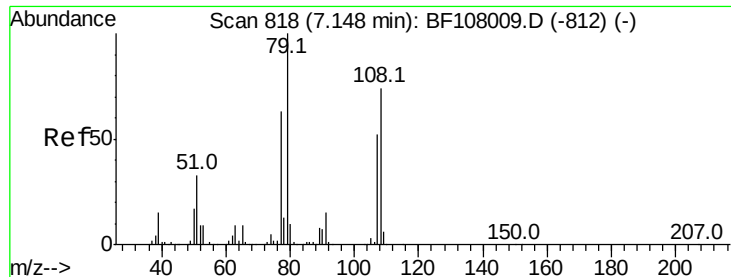
Sohil
8/17/2018 3:30:35 PM



#14
1,2-Dichlorobenzene
Concen: 22.324 ng
RT: 7.18 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	43.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 21.797 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Instrument :

BNA_F

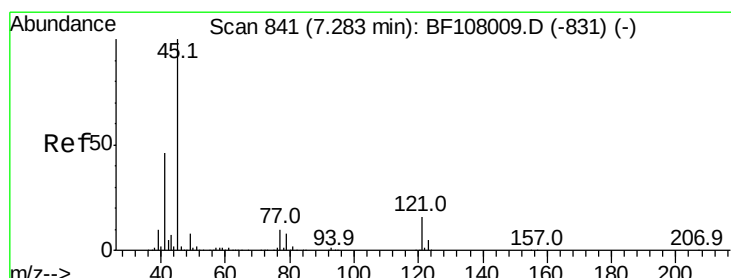
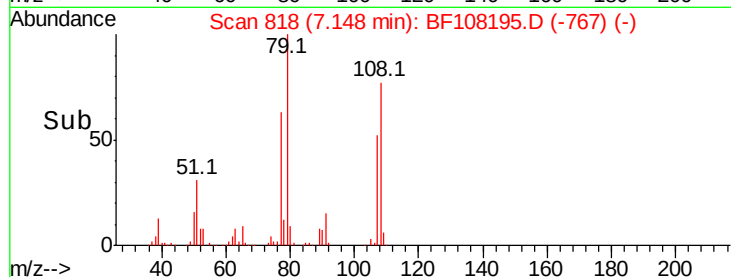
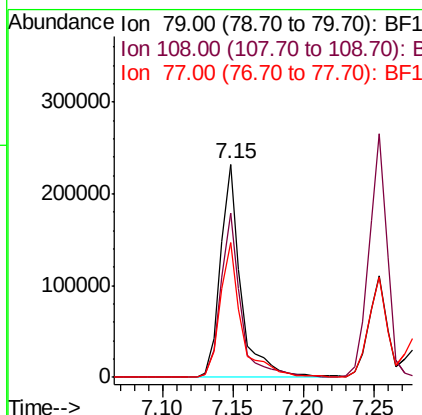
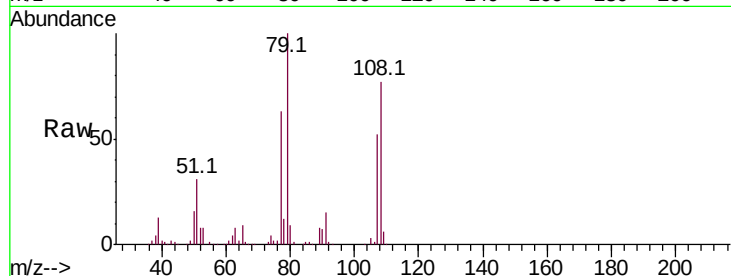
ClientSampleId :

FK-SF-03-004-AMS

Tot Ion:	79	Resp:	234687
Ion Ratio	Lower	Upper	
79	100		
108	76.7	65.1	97.7
77	63.3	50.6	75.8

Manual Integrations
APPROVED

Sohil
8/17/2018 3:30:35 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 20.836 ng

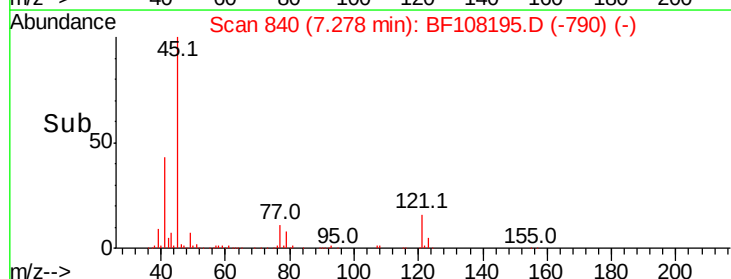
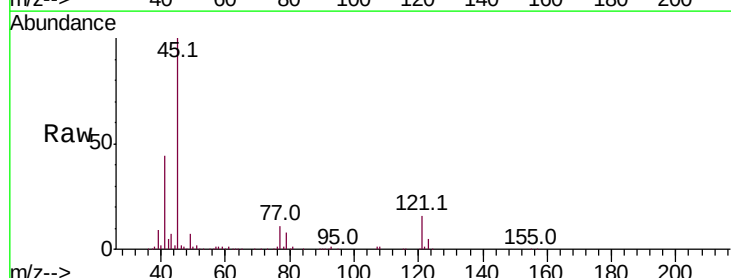
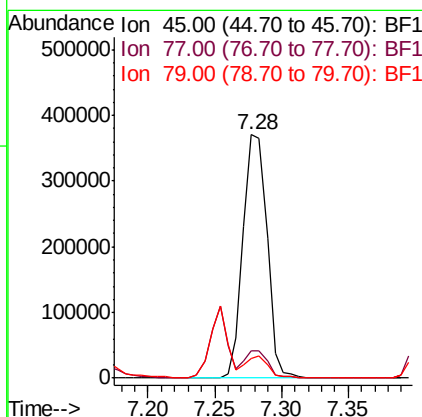
RT: 7.28 min Scan# 840

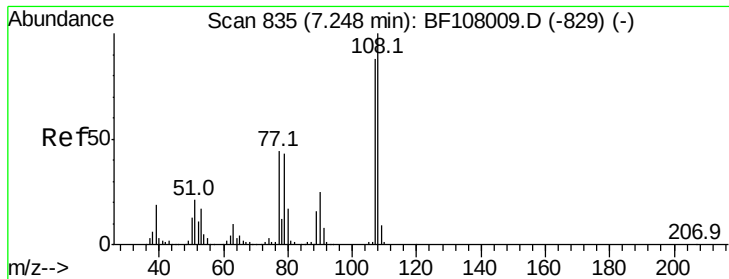
Delta R.T. -0.01 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Tgt Ion:	45	Resp:	459100
Ion Ratio	Lower	Upper	
45	100		
77	11.5	0.0	32.9
79	8.2	0.0	29.6





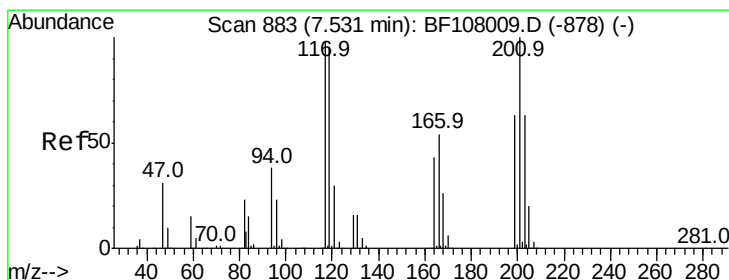
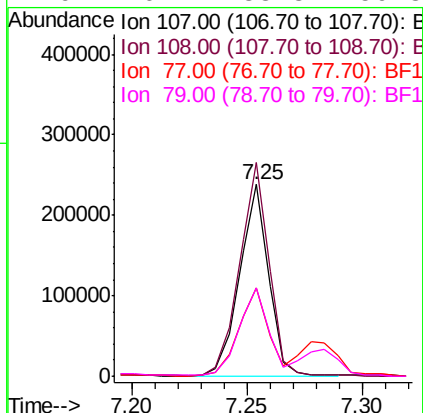
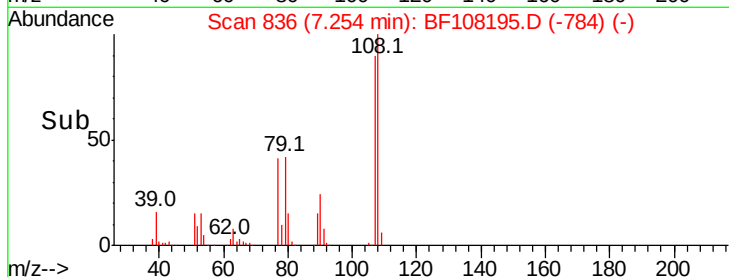
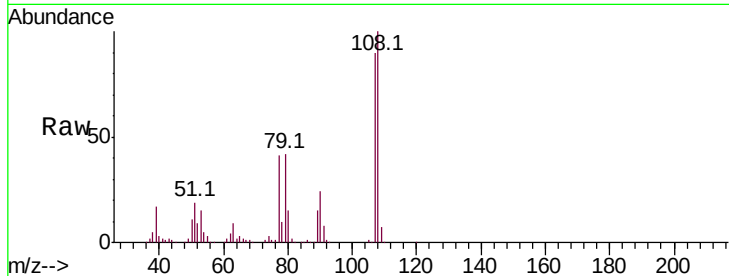
#17
2-Methylphenol
Concen: 22.461 ng
RT: 7.25 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	91.7	137.5	
77	46.0	33.8	50.8	
79	46.4	33.8	50.8	

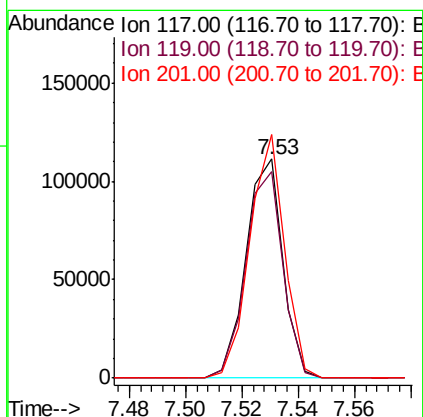
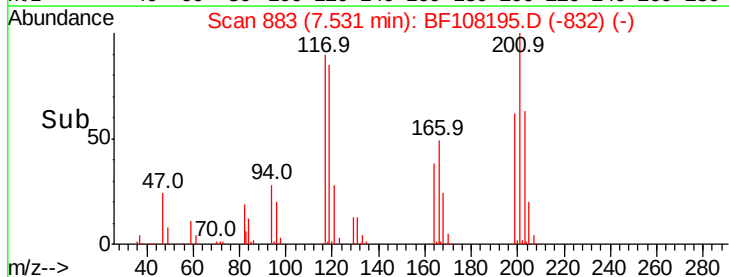
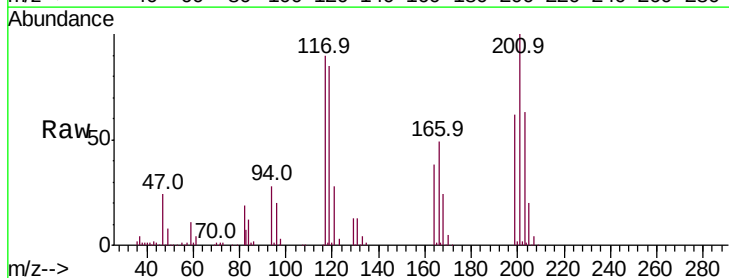
Manual Integrations
APPROVED

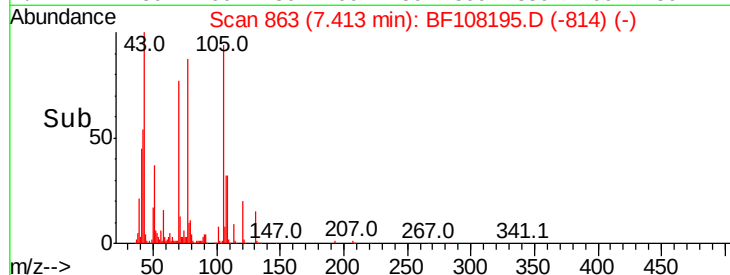
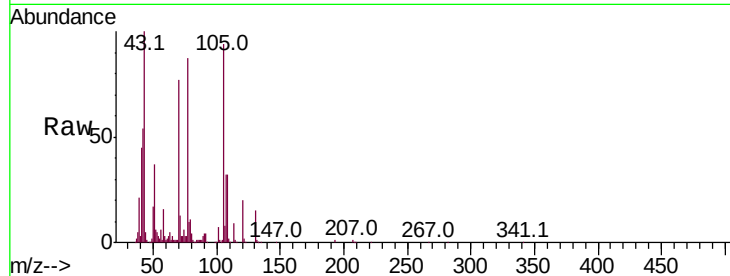
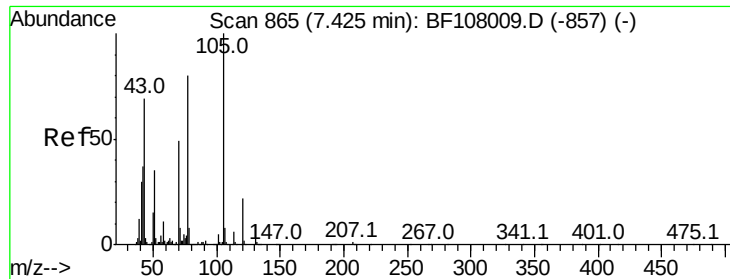
Sohil
8/17/2018 3:30:35 PM



#18
Hexachloroethane
Concen: 22.339 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	75.8	113.8	
201	111.3	75.7	113.5	





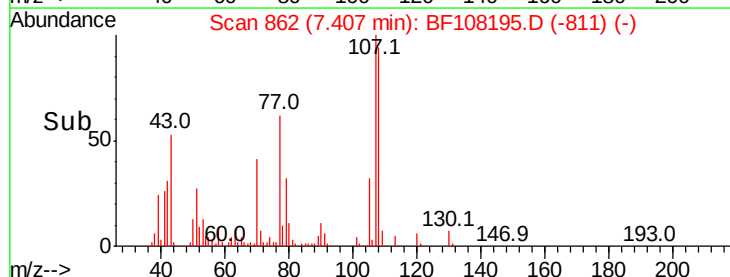
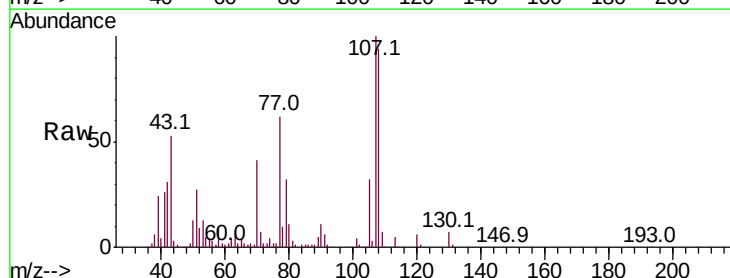
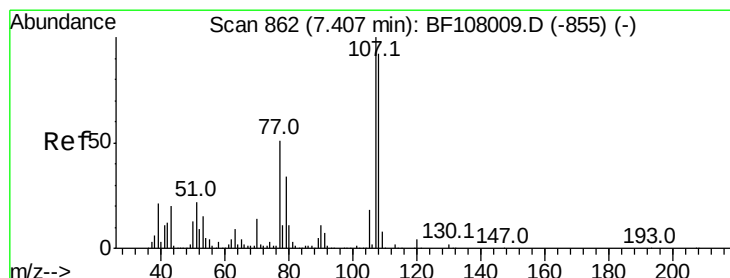
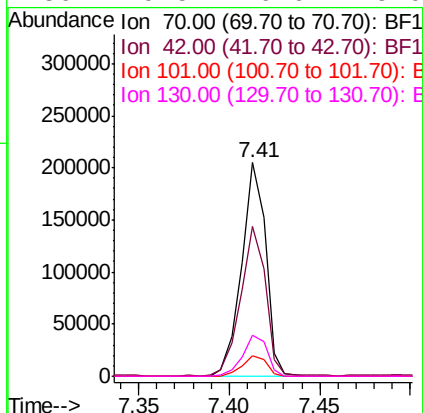
#19
n-Nitroso-di-n-propylamine
Concen: 21.952 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Manual Integrations
APPROVED

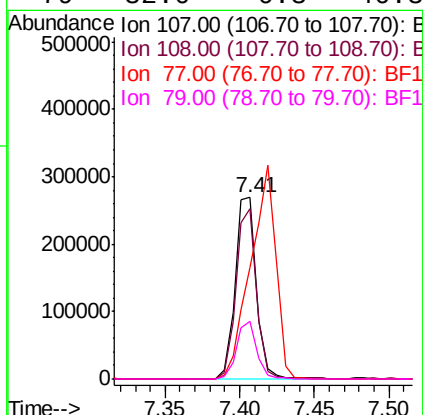
Sohil
8/17/2018 3:30:35 PM

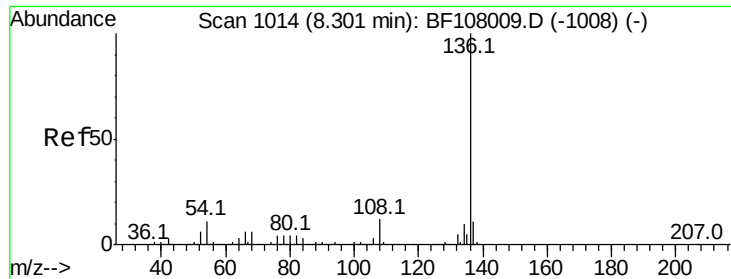
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		189864		
42	69.9	47.5	71.3		
101	9.7	7.4	11.2		
130	19.5	16.6	25.0		



#20
3+4-Methylphenols
Concen: 22.499 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		268017		
108	94.1	68.2	108.2		
77	61.6	26.7	66.7		
79	32.0	6.3	46.3		





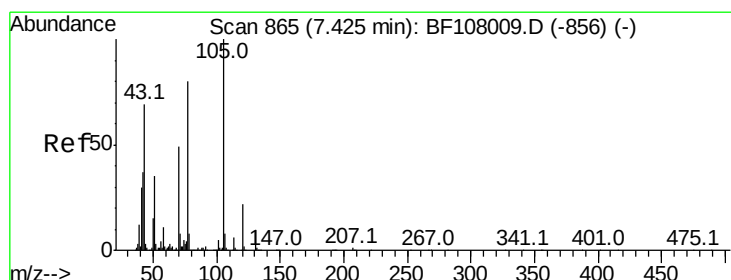
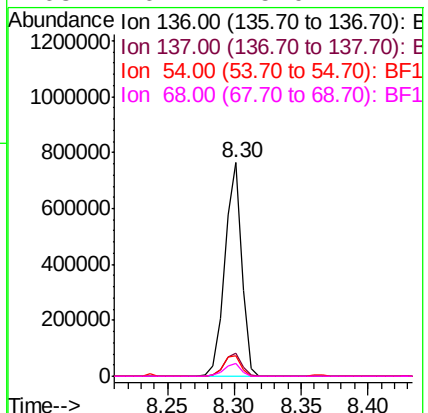
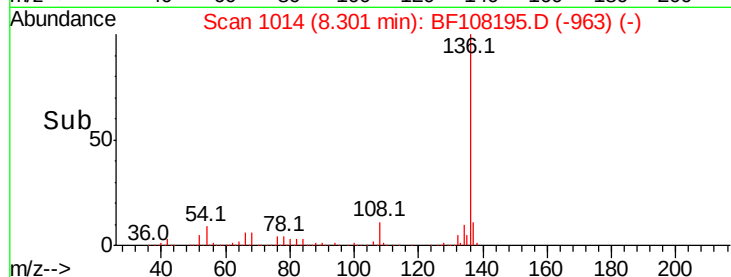
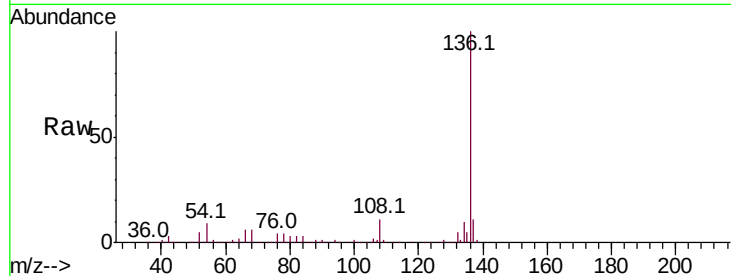
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	680747		
137	10.7		8.9	13.3
54	9.3		6.6	9.8
68	6.1		5.0	7.4

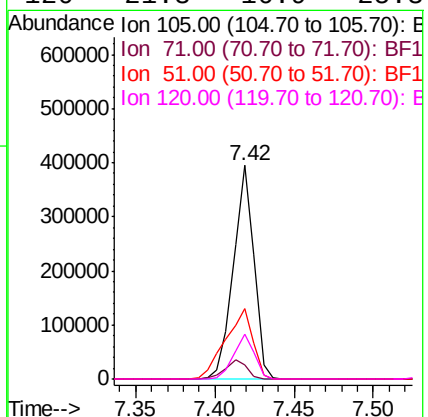
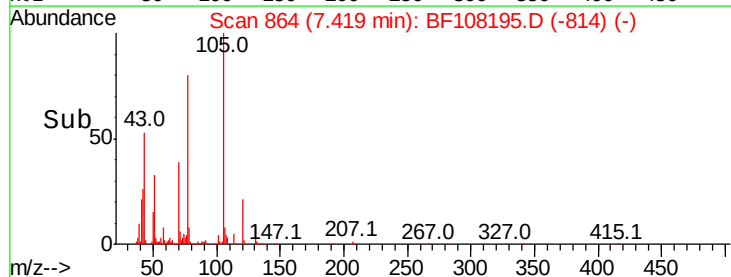
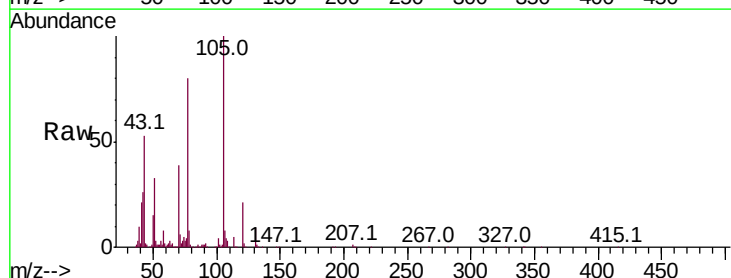
Manual Integrations
APPROVED

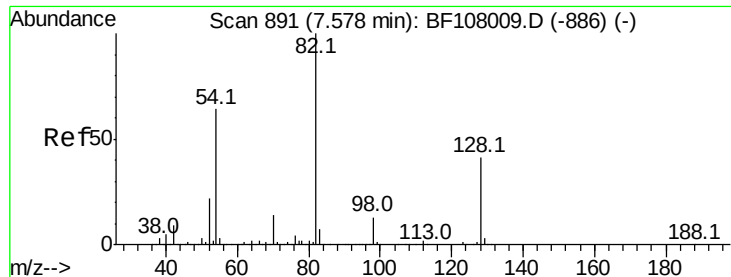
Sohil
8/17/2018 3:30:35 PM



#22
Acetophenone
Concen: 22.418 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	356836		
71	6.3		4.4	6.6
51	33.0		22.3	33.5
120	21.3		16.9	25.3





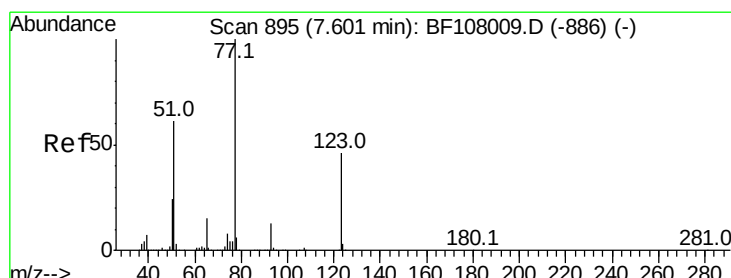
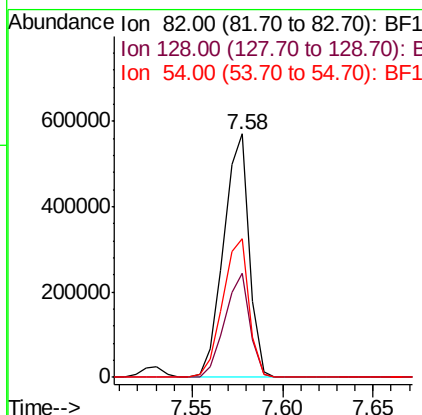
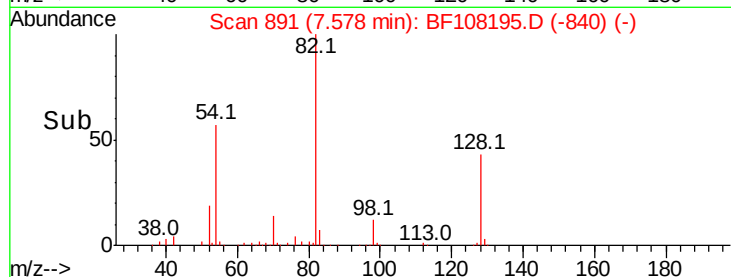
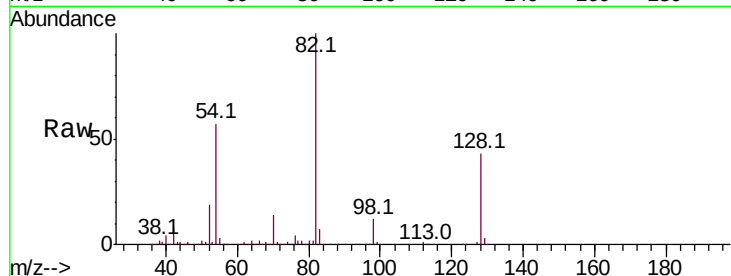
#23
 Nitrobenzene-d5
 Concen: 46.023 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108195.D
 Acq: 16 Aug 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	561461		
128	42.6	36.1	54.1	
54	57.2	41.4	62.2	

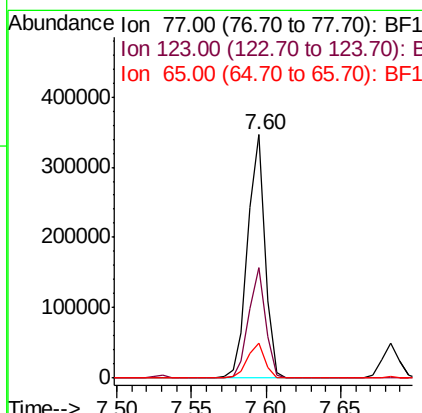
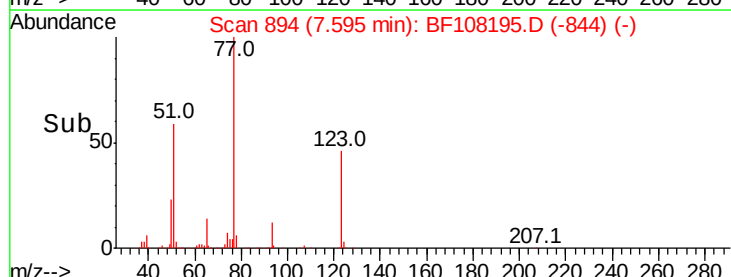
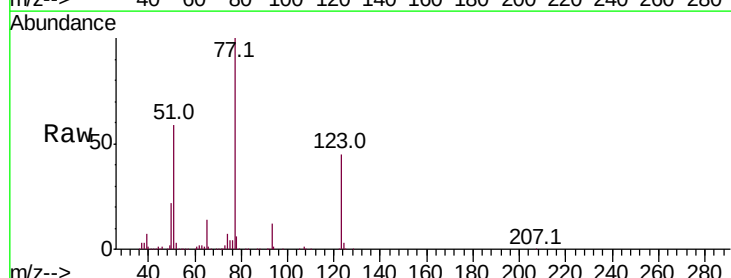
Manual Integrations
 APPROVED

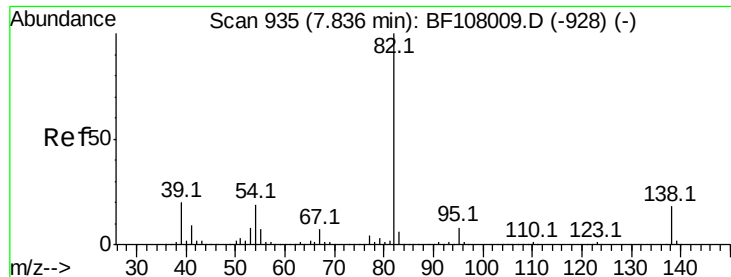
Sohil
 8/17/2018 3:30:35 PM



#24
 Nitrobenzene
 Concen: 22.432 ng
 RT: 7.60 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF108195.D
 Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	276728		
123	45.5	37.9	56.9	
65	14.2	11.0	16.4	





#25

Isophorone

Concen: 21.696 ng

RT: 7.83 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Instrument :

BNA_F

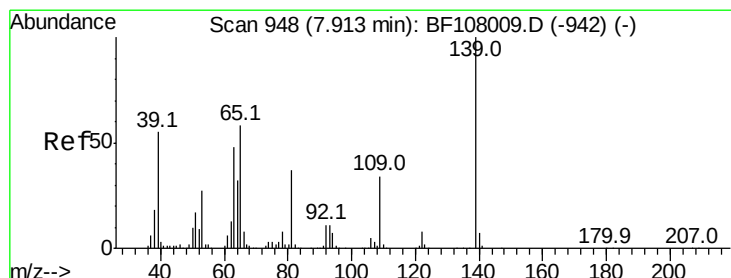
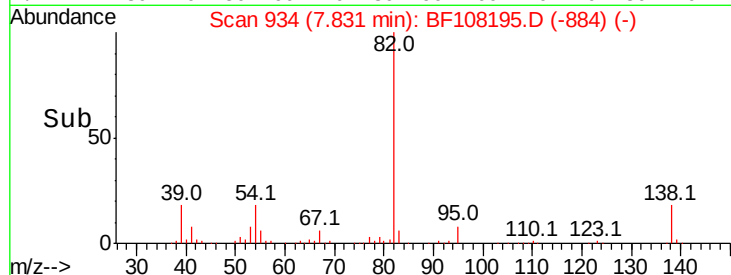
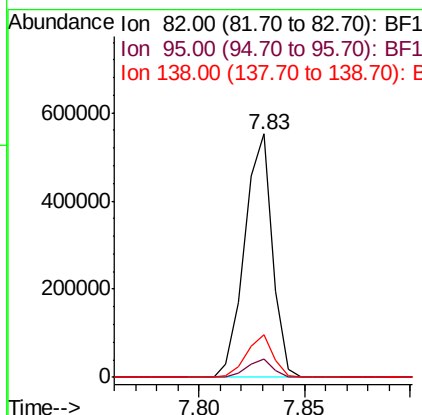
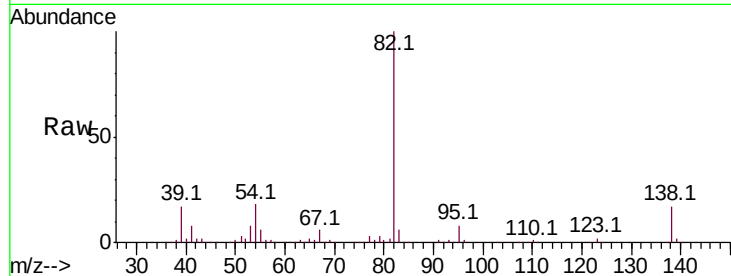
ClientSampleId :

FK-SF-03-004-AMS

Tot Ion:	82	Resp:	504493
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.2	7.8
138	17.5	14.9	22.3

Manual Integrations
APPROVED

Sohil
8/17/2018 3:30:35 PM



#26

2-Nitrophenol

Concen: 25.827 ng

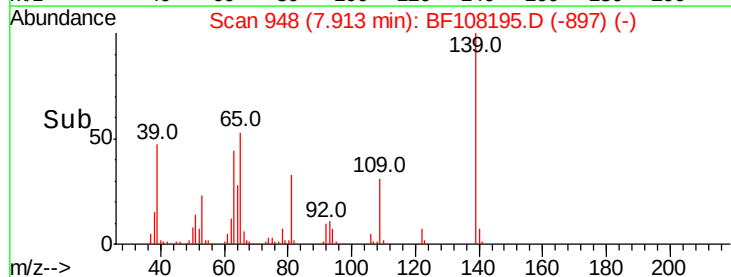
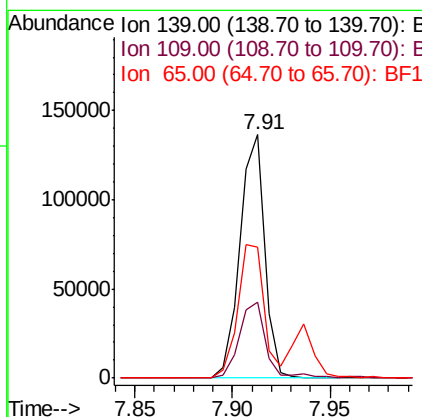
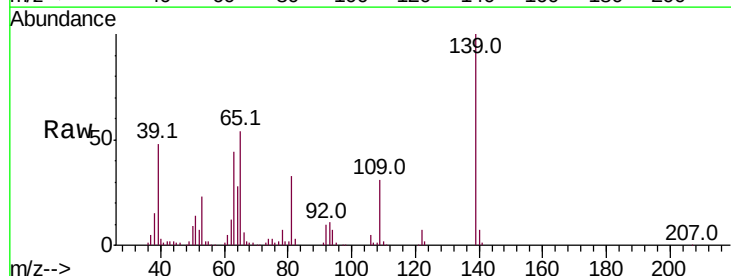
RT: 7.91 min Scan# 948

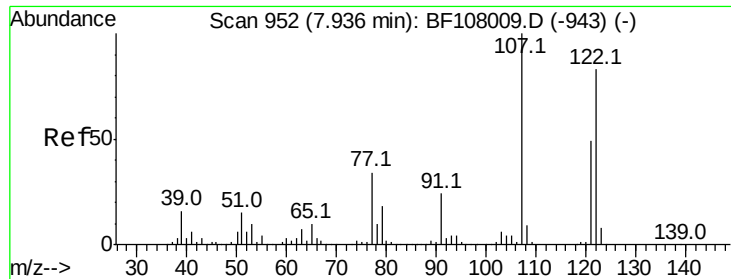
Delta R.T. 0.00 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Tgt Ion:	139	Resp:	120323
Ion Ratio	Lower	Upper	
139	100		
109	31.4	22.7	34.1
65	53.7	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 22.247 ng

RT: 7.94 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Instrument :

BNA_F

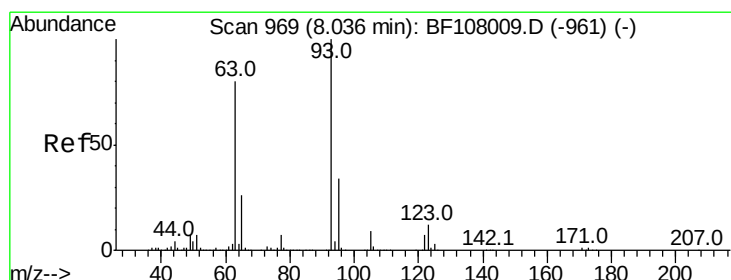
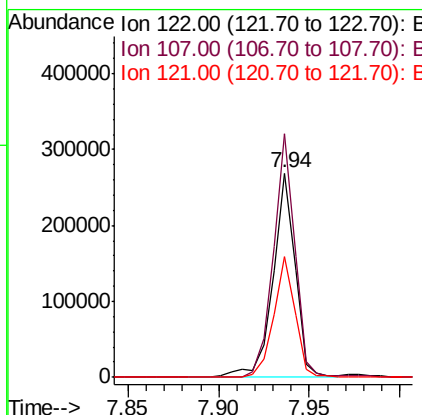
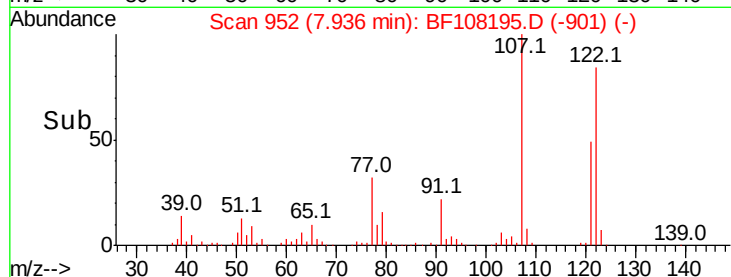
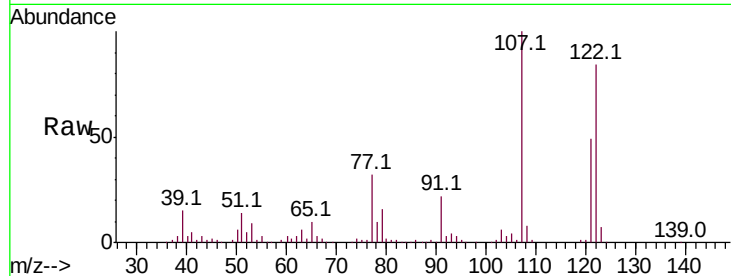
ClientSampleId :

FK-SF-03-004-AMS

Tot Ion:	122	Resp:	229590
Ion Ratio	Lower	Upper	
122	100		
107	119.1	91.2	136.8
121	58.8	47.2	70.8

Manual Integrations
APPROVED

Sohil
8/17/2018 3:30:35 PM



#28

bis(2-Chloroethoxy)methane

Concen: 22.816 ng

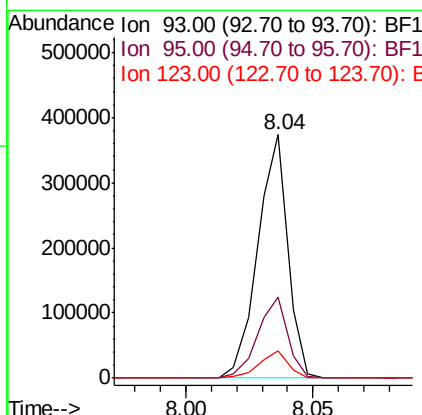
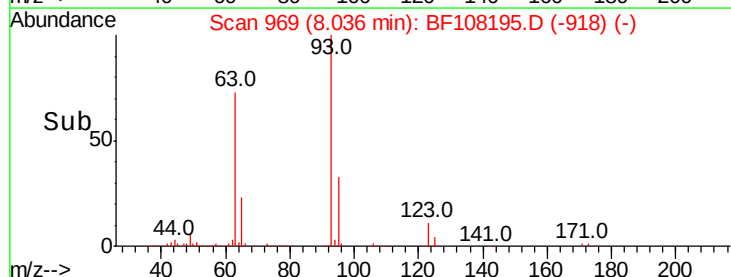
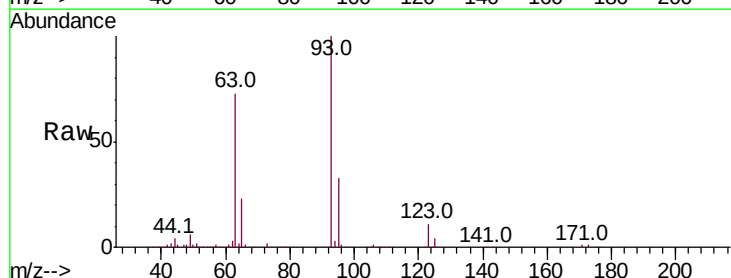
RT: 8.04 min Scan# 969

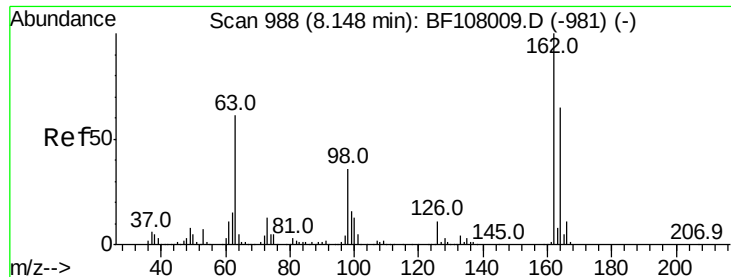
Delta R.T. 0.00 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Tgt Ion:	93	Resp:	309713
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.3	39.5
123	11.3	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 23.288 ng

RT: 8.15 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Instrument :

BNA_F

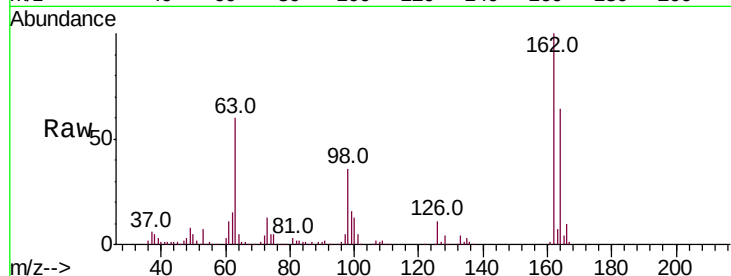
ClientSampleId :

FK-SF-03-004-AMS

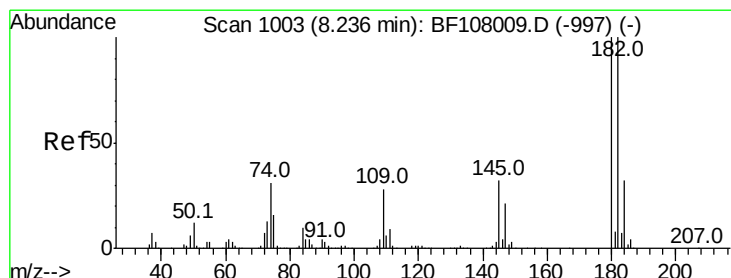
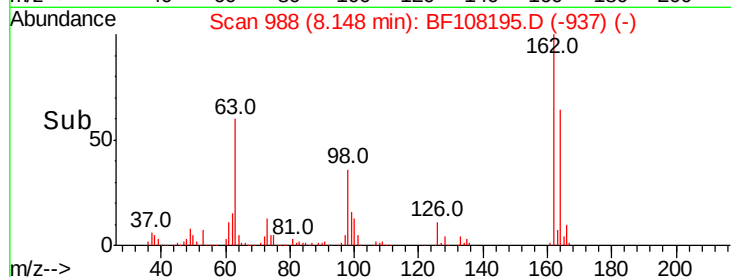
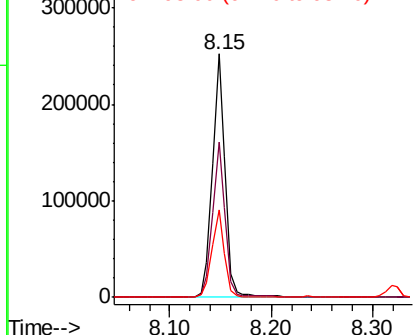
Tot Ion:	162	Resp:	221177
Ion Ratio	Lower	Upper	
162	100		
164	63.8	42.7	82.7
98	36.1	18.1	58.1

Manual Integrations
APPROVED

Sohil
8/17/2018 3:30:35 PM



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 22.246 ng

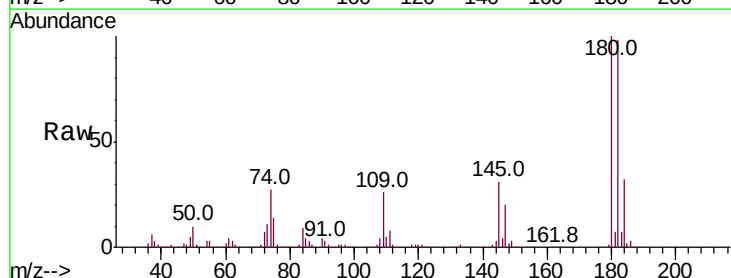
RT: 8.24 min Scan# 1003

Delta R.T. 0.00 min

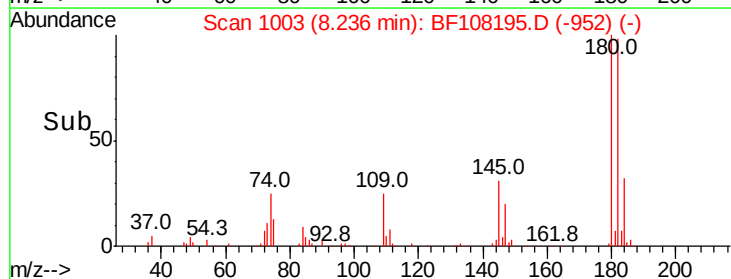
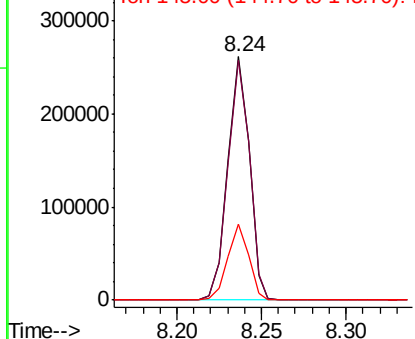
Lab File: BF108195.D

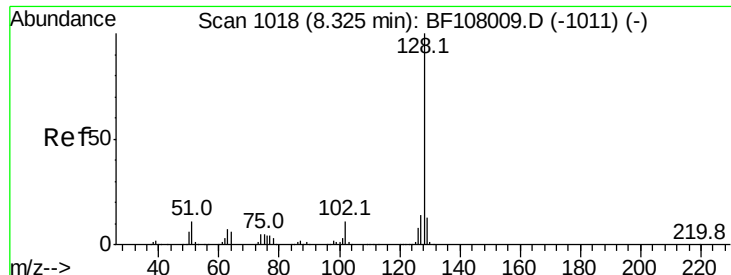
Acq: 16 Aug 2018 15:21

Tgt Ion:	180	Resp:	232939
Ion Ratio	Lower	Upper	
180	100		
182	98.2	76.8	115.2
145	31.4	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





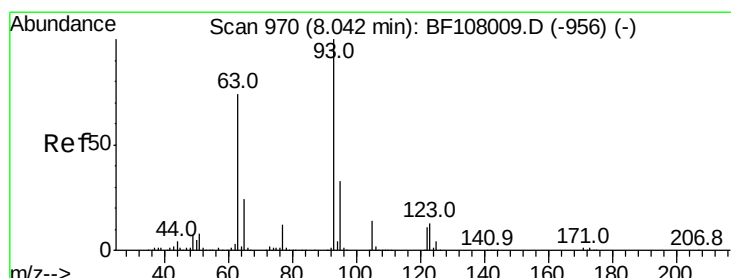
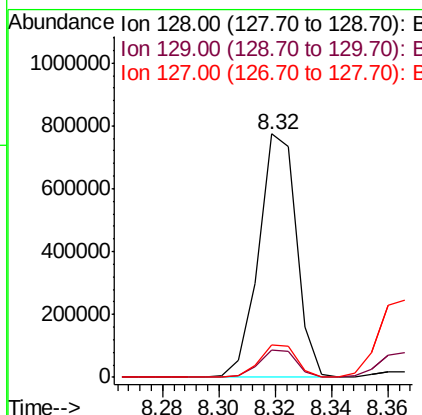
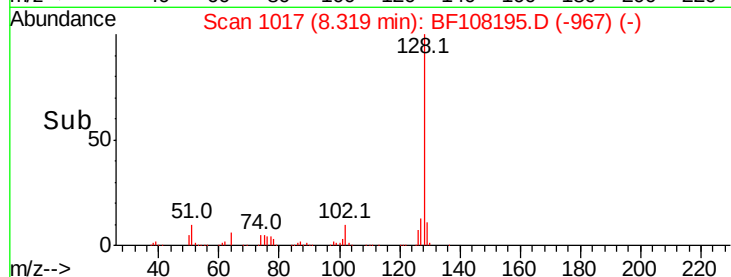
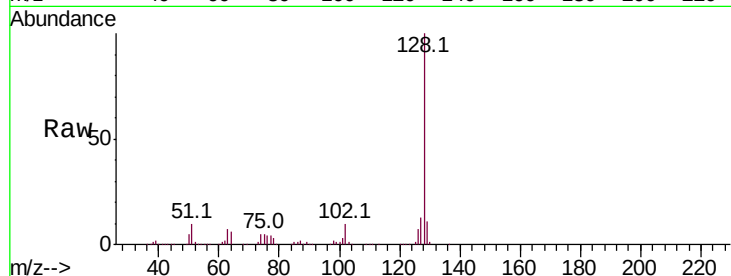
#31
Naphthalene
Concen: 23.247 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	8.8	13.2	
127	13.4	10.9	16.3	

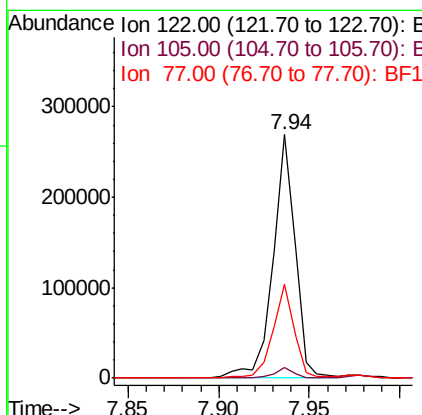
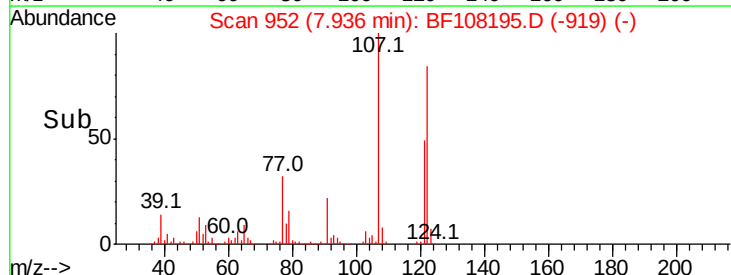
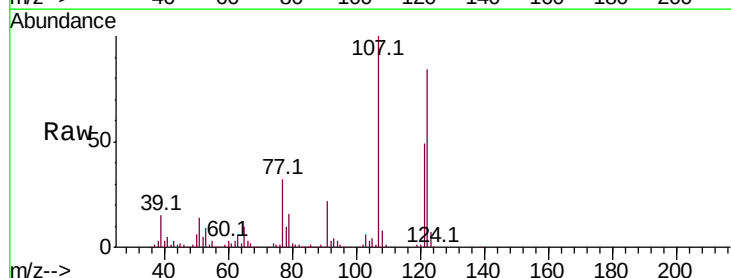
Manual Integrations
APPROVED

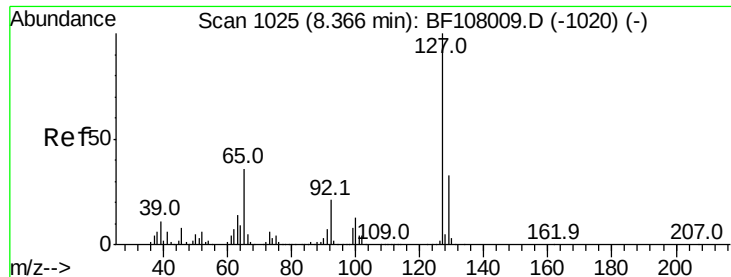
Sohil
8/17/2018 3:30:35 PM



#32
Benzoic acid
Concen: 39.540 ng
RT: 7.94 min Scan# 952
Delta R.T. -0.11 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	4.2	101.1	141.1#	
77	38.4	70.7	110.7#	





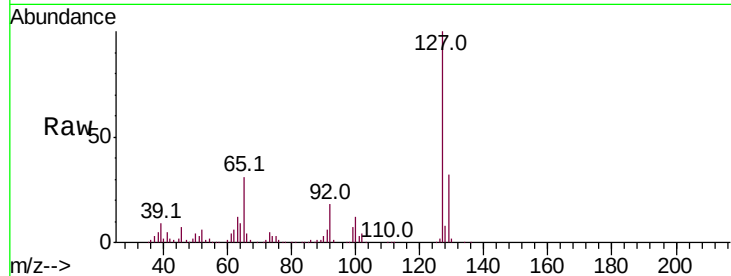
#33
4-Chloroaniline
Concen: 18.071 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

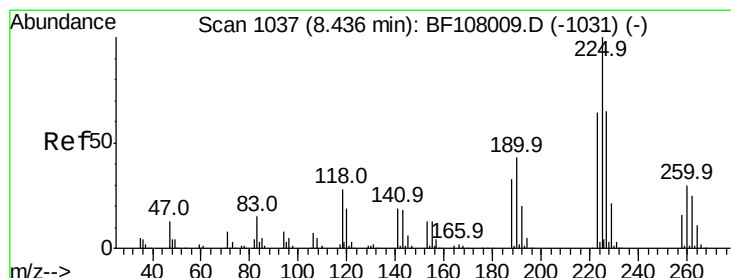
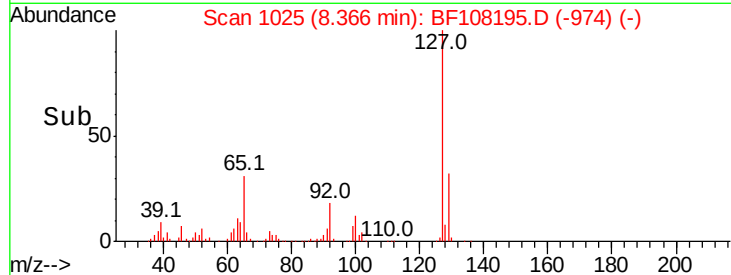
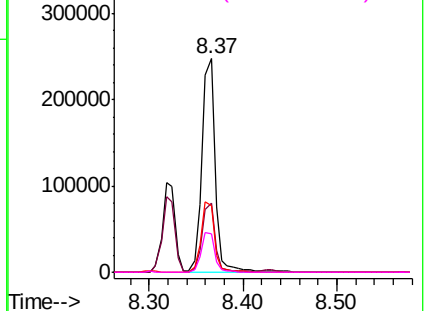
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	25.9	38.9	
65	31.4	25.0	37.4	
92	18.2	15.2	22.8	

Manual Integrations
APPROVED

Sohil
8/17/2018 3:30:35 PM

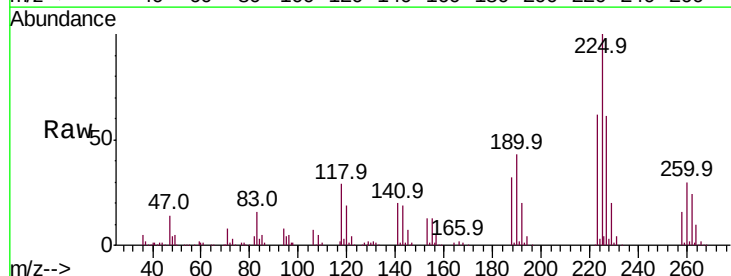


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

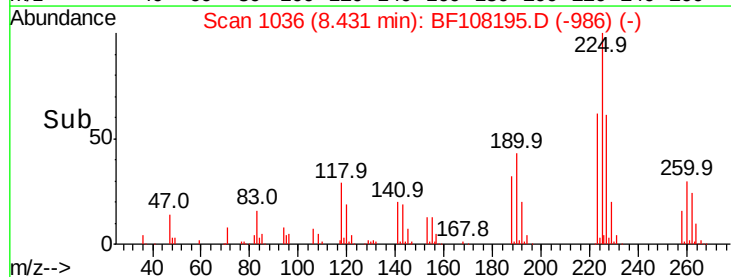
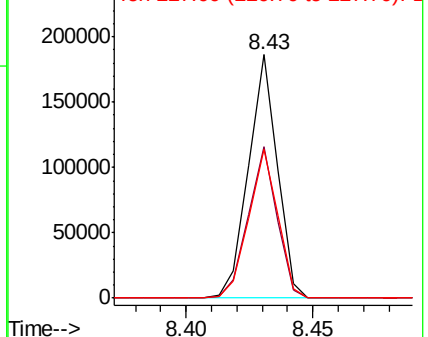


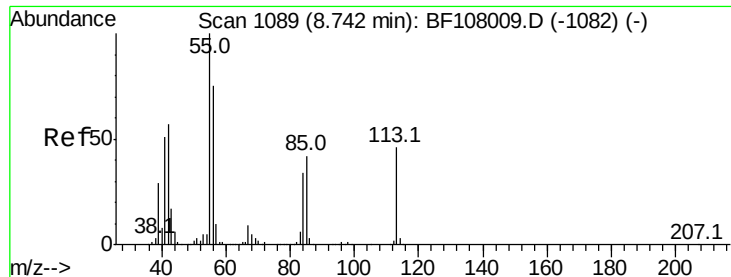
#34
Hexachlorobutadiene
Concen: 22.315 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	50.6	76.0	
227	61.4	51.9	77.9	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 21.896 ng

RT: 8.72 min Scan# 1085

Delta R.T. -0.02 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Instrument :

BNA_F

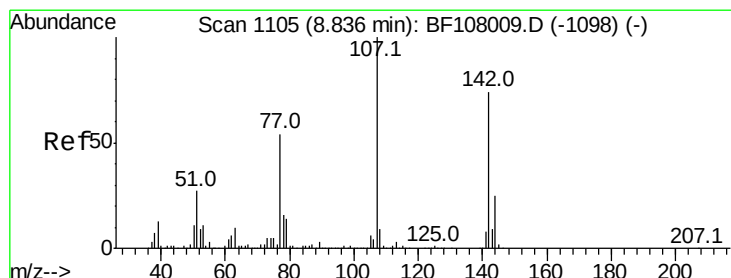
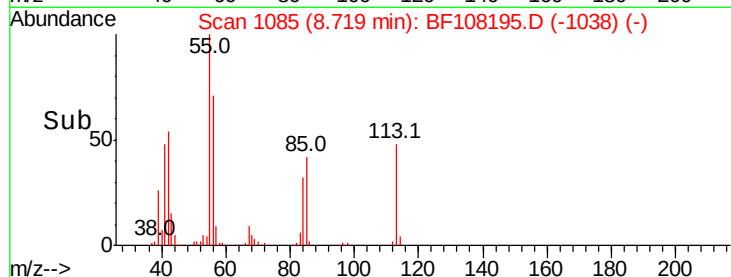
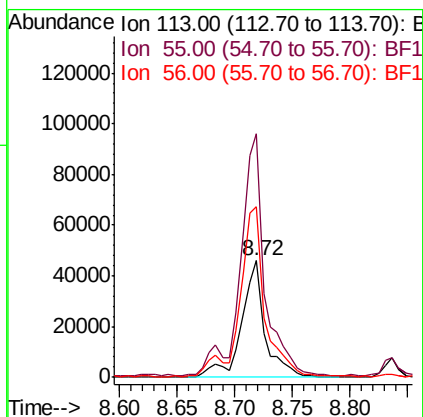
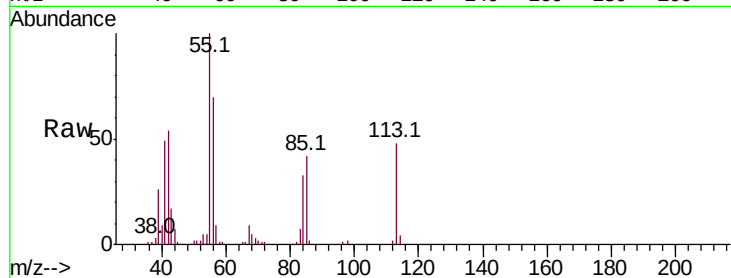
ClientSampleId :

FK-SF-03-004-AMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	208.4	163.3	203.3#
56	146.4	115.7	155.7

Manual Integrations
APPROVED

Sohil
8/17/2018 3:30:35 PM



#36

4-Chloro-3-methylphenol

Concen: 22.611 ng

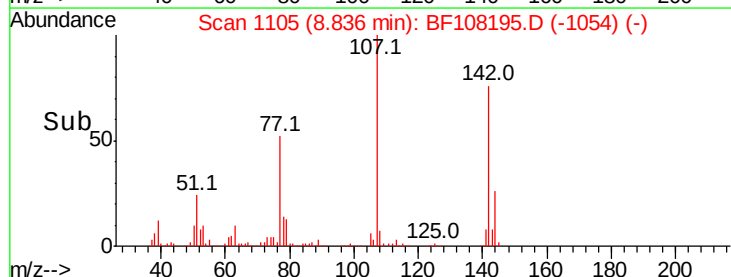
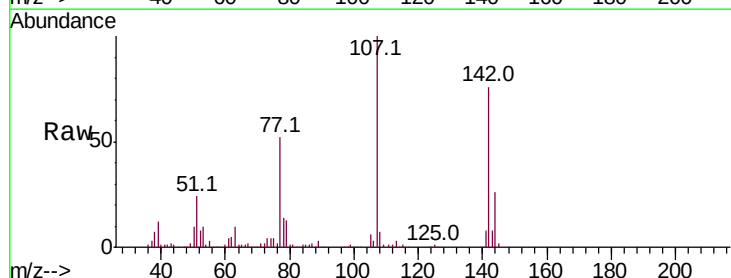
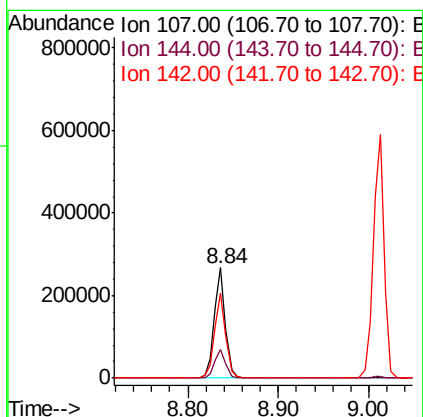
RT: 8.84 min Scan# 1105

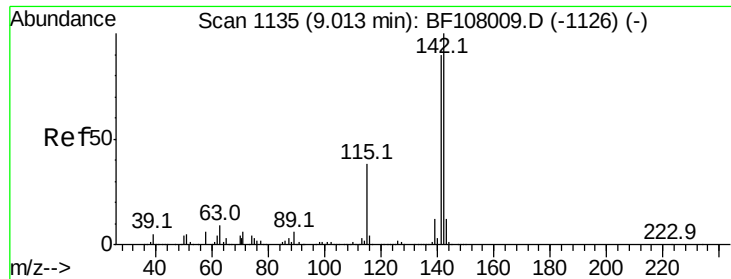
Delta R.T. 0.00 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.5	30.7
142	76.3	62.0	93.0





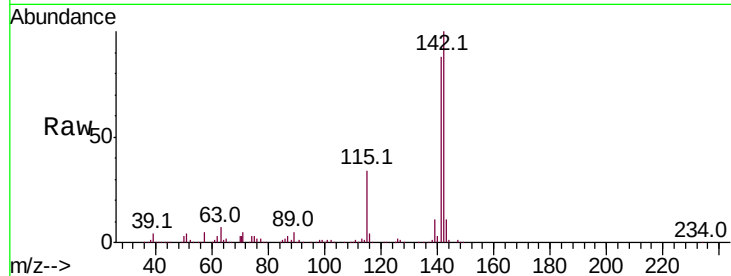
#37
 2-Methylnaphthalene
 Concen: 22.899 ng
 RT: 9.01 min Scan# 1135
 Delta R.T. 0.00 min
 Lab File: BF108195.D
 Acq: 16 Aug 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

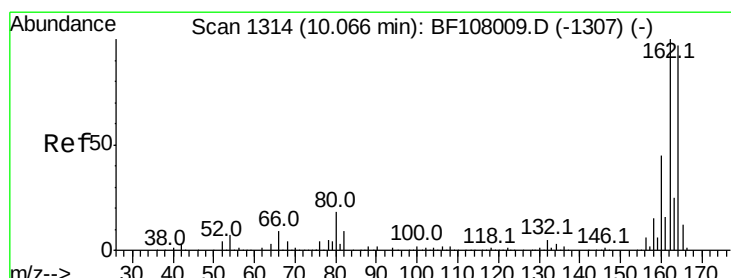
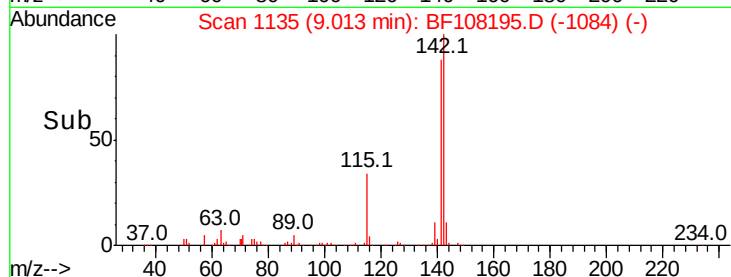
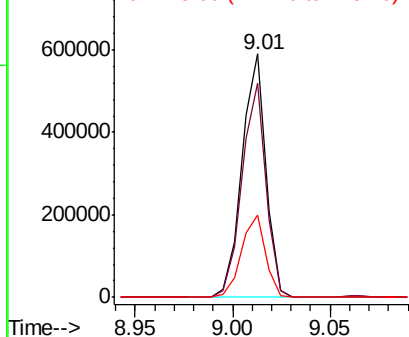
Tot Ion:	142	Resp:	501579
Ion Ratio	Lower	Upper	
142	100		
141	87.8	70.8	106.2
115	33.6	26.1	39.1

Manual Integrations
 APPROVED

Sohil
 8/17/2018 3:30:35 PM

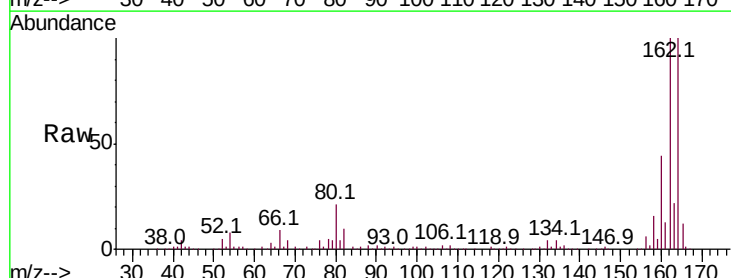


Abundance Ion 142.00 (141.70 to 142.70): E
 800000 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

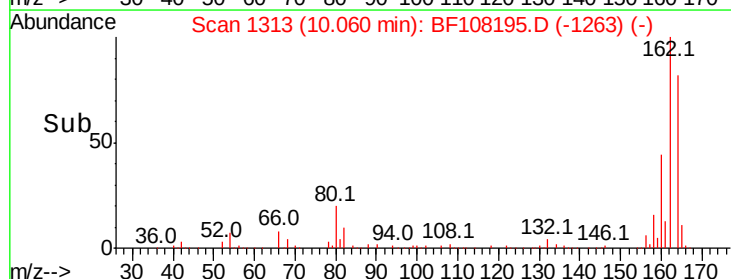
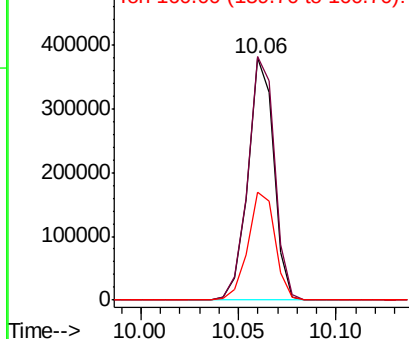


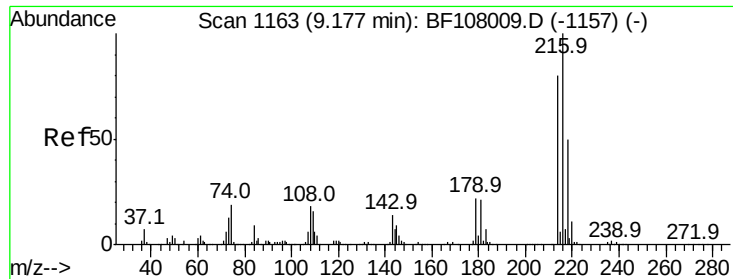
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108195.D
 Acq: 16 Aug 2018 15:21

Tgt Ion:	164	Resp:	347242
Ion Ratio	Lower	Upper	
164	100		
162	100.5	86.1	129.1
160	44.7	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 500000 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





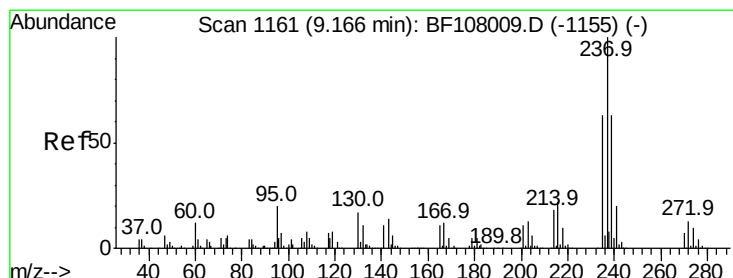
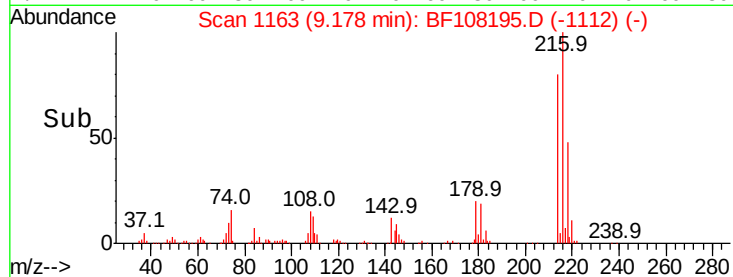
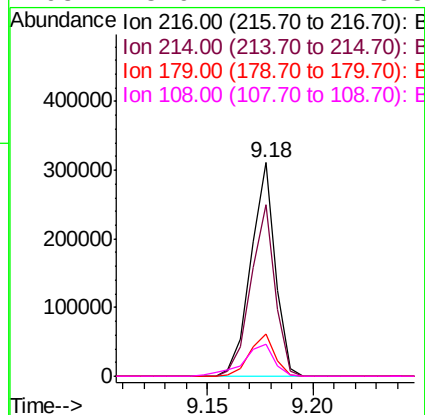
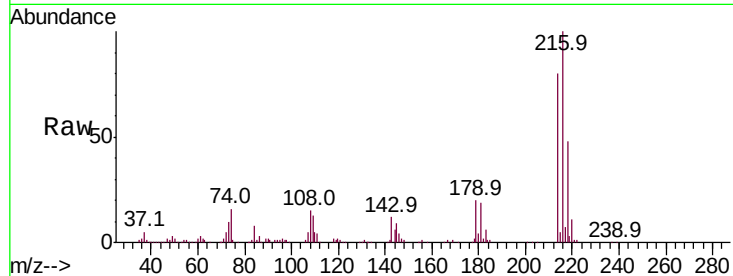
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.438 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF108195.D
 Acq: 16 Aug 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.8	63.0	94.4
179	20.2	18.1	27.1
108	18.9	17.2	25.8

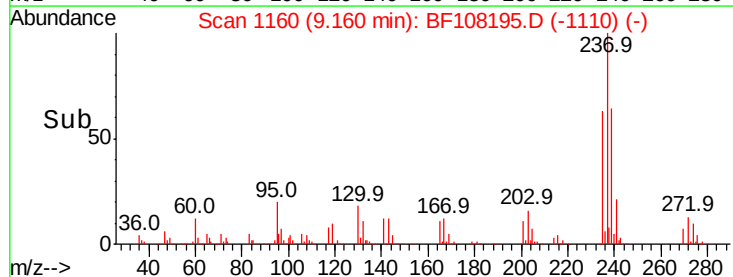
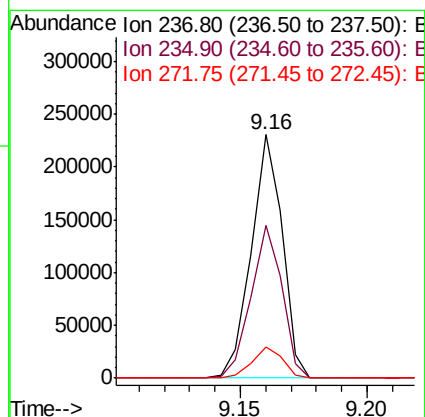
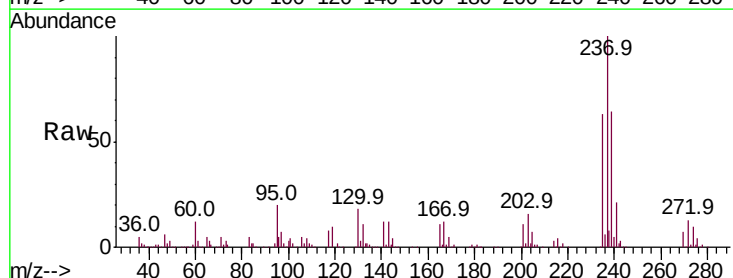
Manual Integrations
 APPROVED

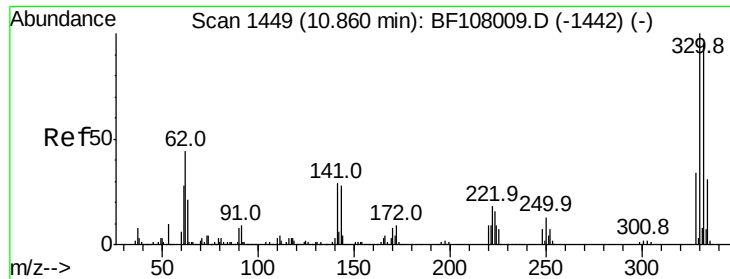
Sohil
 8/17/2018 3:30:35 PM



#40
 Hexachlorocyclopentadiene
 Concen: 28.623 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108195.D
 Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.6	44.8	84.8
272	12.7	0.0	33.3





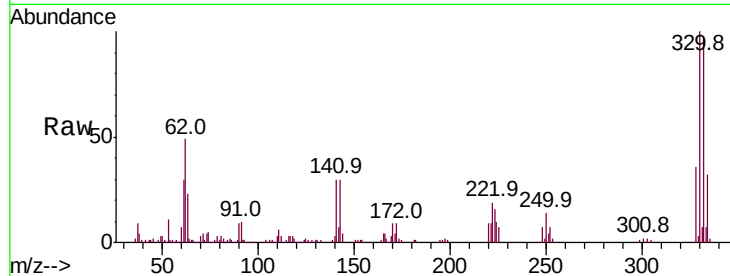
#41
 2,4,6-Tribromophenol
 Concen: 66.254 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108195.D
 Acq: 16 Aug 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

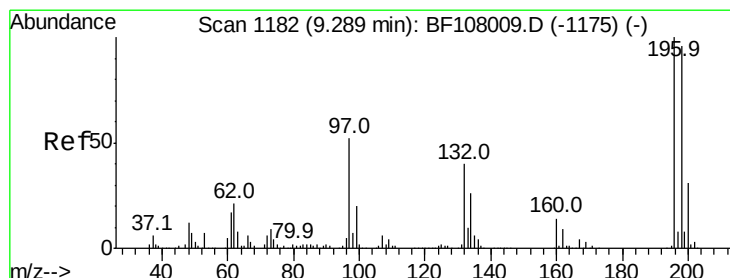
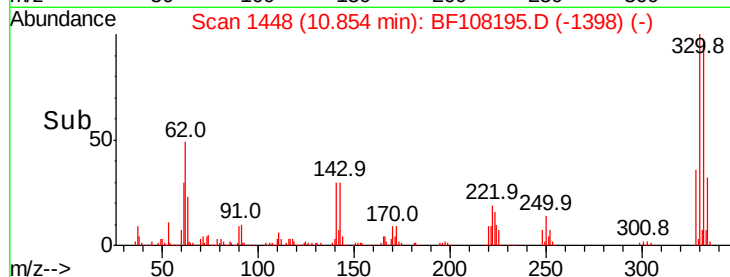
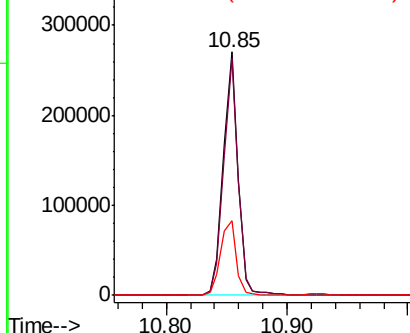
Tot Ion	Ratio	Resp	Lower	Upper
330	100	229480		
332	96.0	77.0	115.6	
141	32.8	29.9	44.9	

Manual Integrations
 APPROVED

Sohil
 8/17/2018 3:30:35 PM



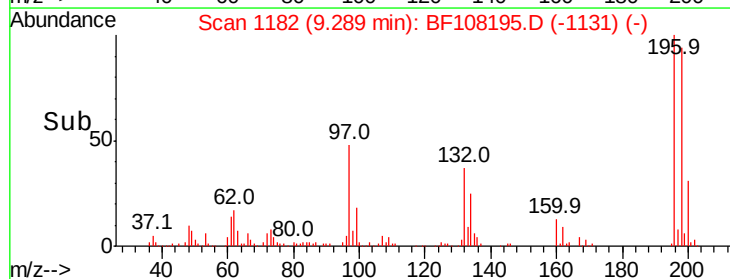
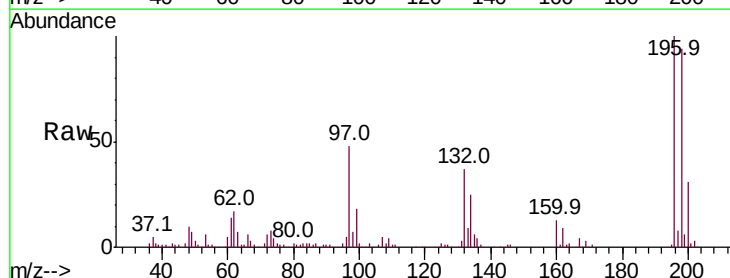
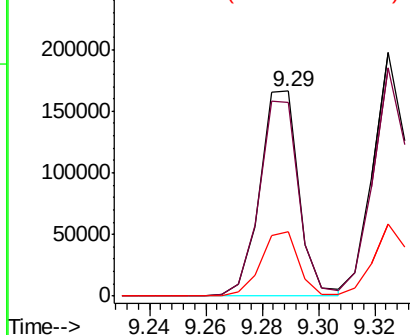
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

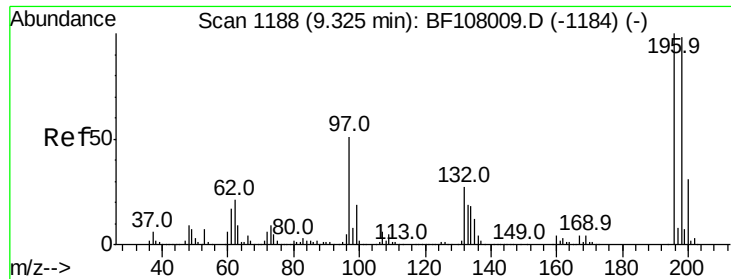


#42
 2,4,6-Trichlorophenol
 Concen: 24.235 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF108195.D
 Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	160367		
198	94.5	75.7	113.5	
200	31.2	24.5	36.7	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





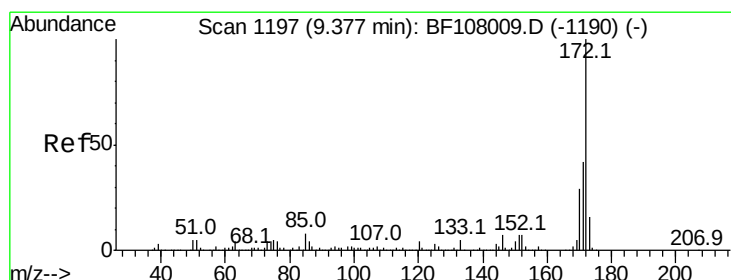
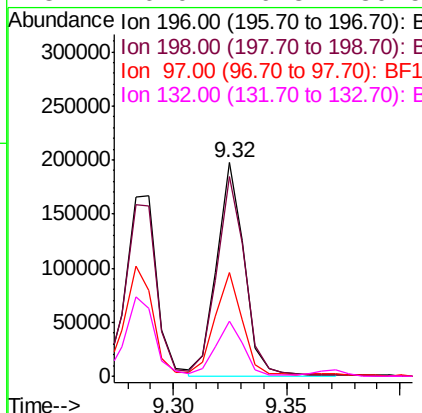
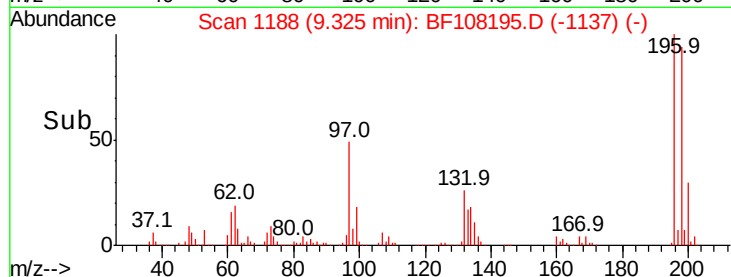
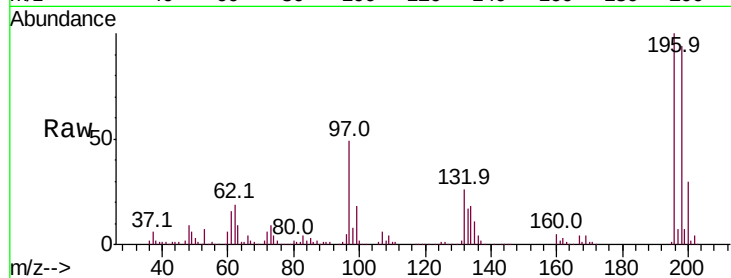
#43
 2,4,5-Trichlorophenol
 Concen: 23.337 ng m
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF108195.D
 Acq: 16 Aug 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	169993		
198	93.5	74.6	112.0	
97	48.7	42.9	64.3	
132	26.0	26.3	39.5#	

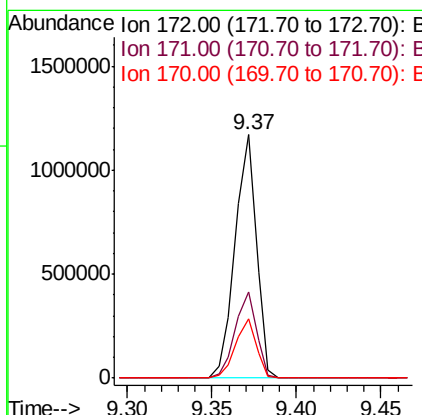
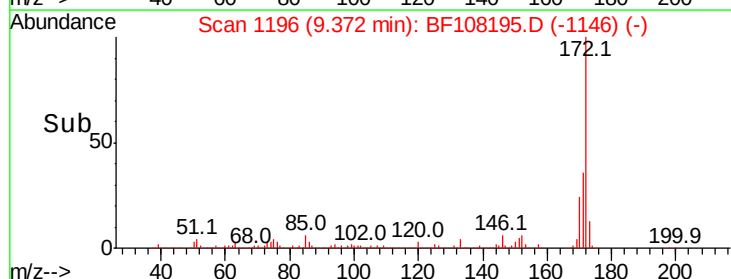
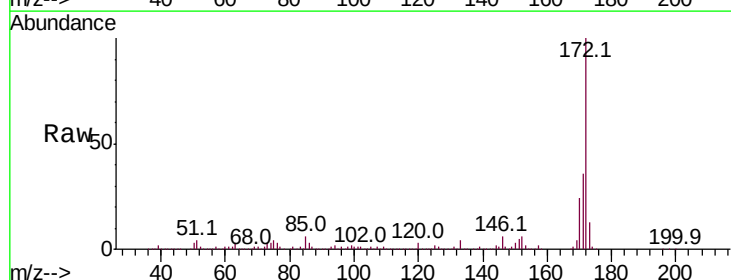
Manual Integrations
 APPROVED

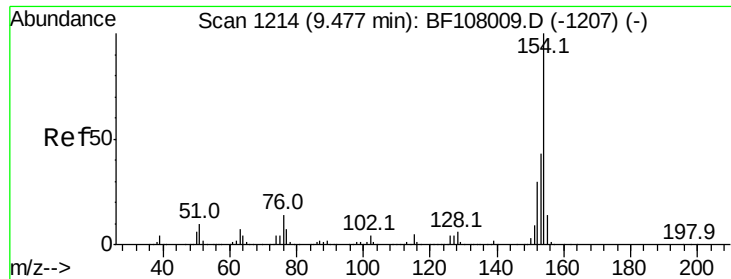
Sohil
 8/17/2018 3:30:35 PM



#44
 2-Fluorobiphenyl
 Concen: 47.501 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108195.D
 Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1027392		
171	35.6	29.7	44.5	
170	24.2	19.6	29.4	





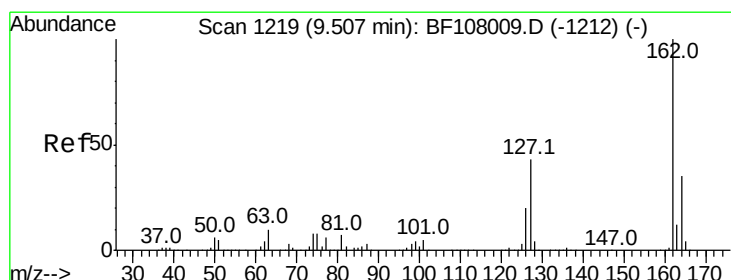
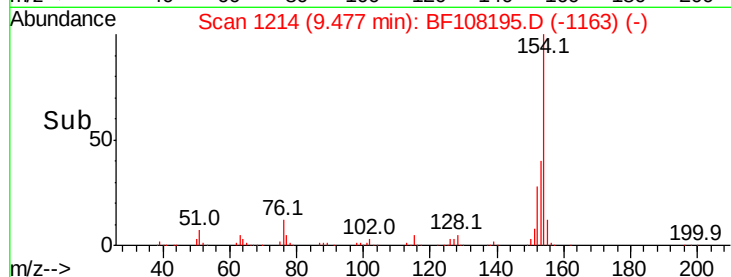
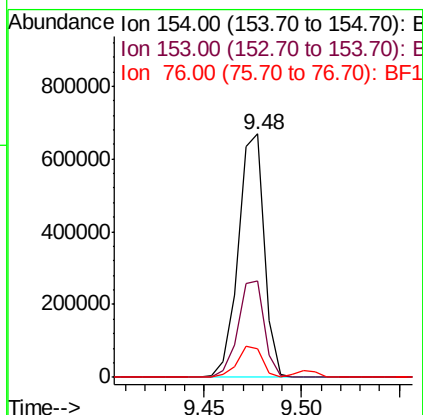
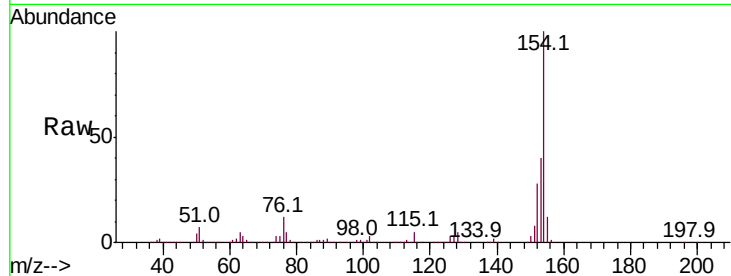
#45
 1,1'-Biphenyl
 Concen: 24.035 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF108195.D
 Acq: 16 Aug 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	39.8	21.3	61.3
76	11.5	0.0	34.0

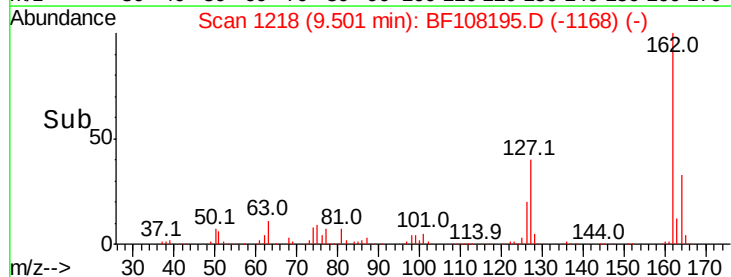
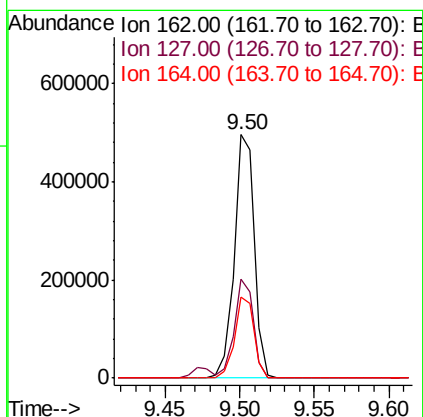
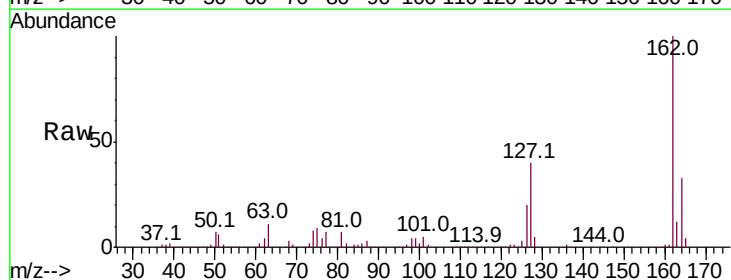
Manual Integrations
 APPROVED

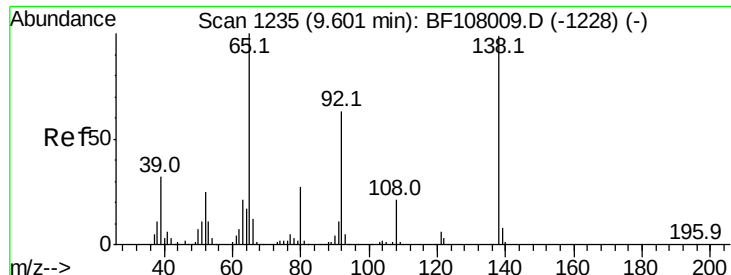
Sohil
 8/17/2018 3:30:35 PM



#46
 2-Chloronaphthalene
 Concen: 23.073 ng
 RT: 9.50 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF108195.D
 Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	40.4	33.9	50.9
164	33.2	26.5	39.7





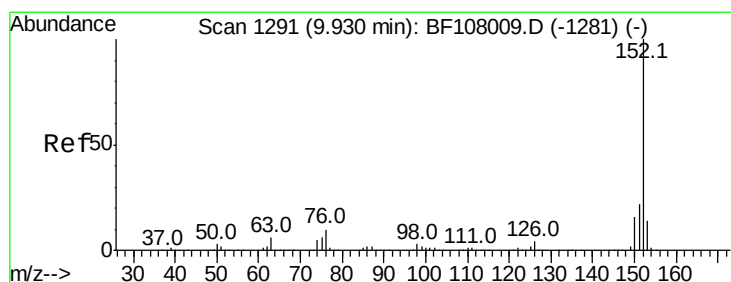
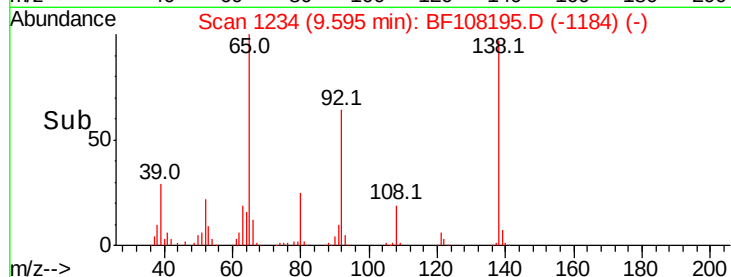
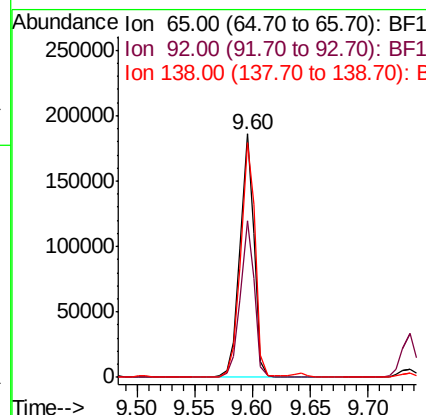
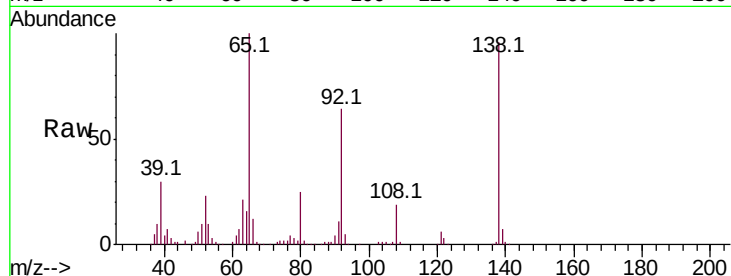
#47
2-Nitroaniline
Concen: 24.028 ng
RT: 9.60 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.2	55.8	83.6
138	96.5	91.2	136.8

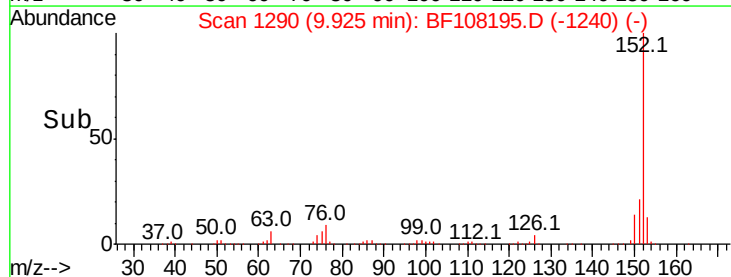
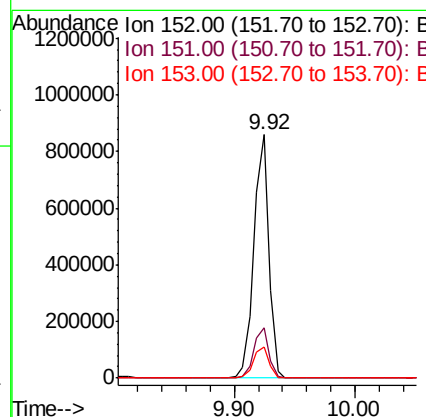
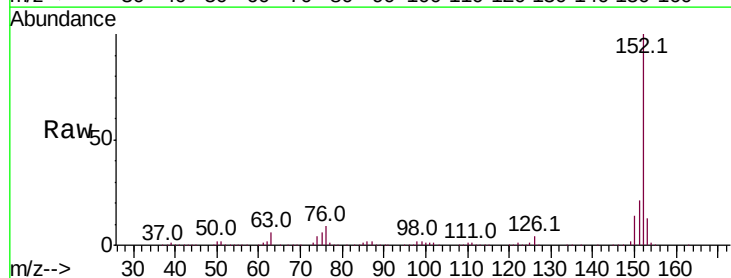
Manual Integrations
APPROVED

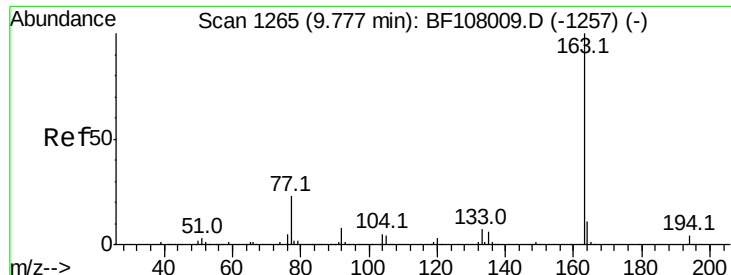
Sohil
8/17/2018 3:30:35 PM



#48
Acenaphthylene
Concen: 23.419 ng
RT: 9.92 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.0	10.7	16.1





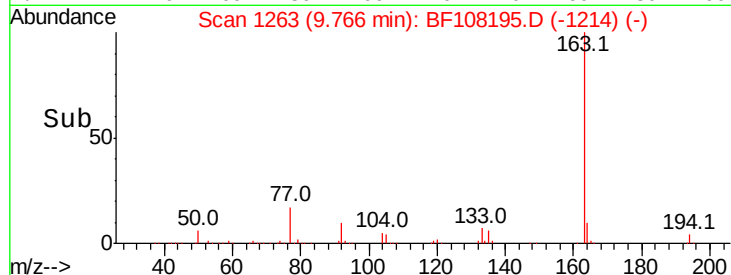
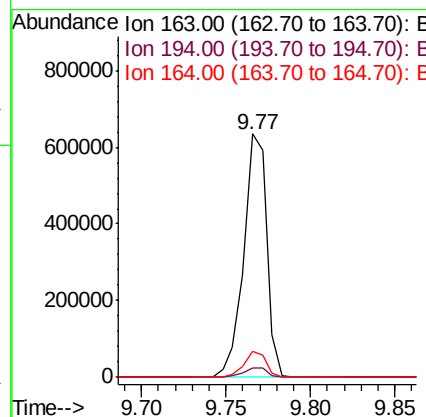
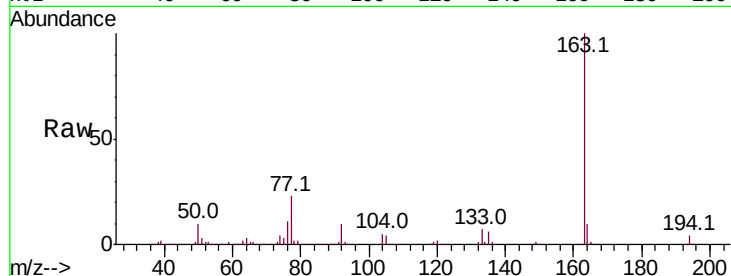
#49
Dimethylphthalate
Concen: 25.071 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	606421		
194	3.7		2.7	4.1
164	10.5		8.2	12.2

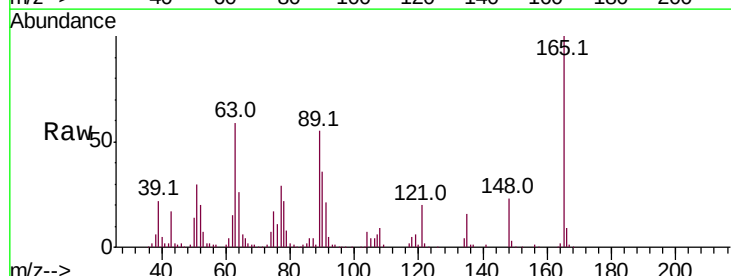
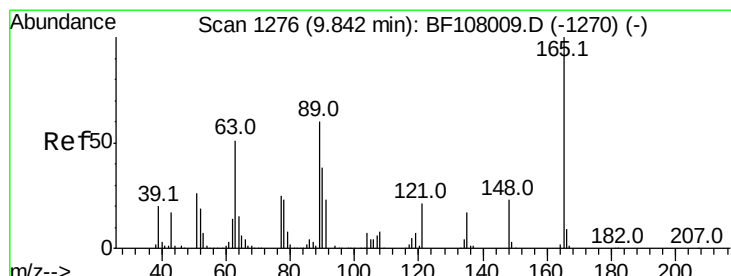
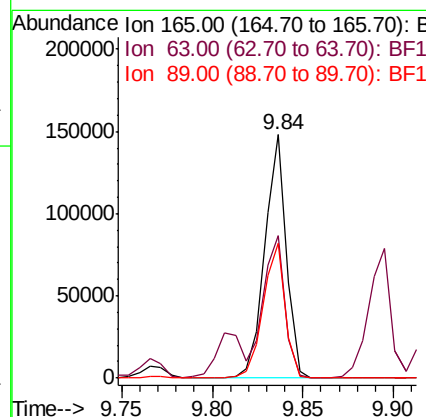
Manual Integrations
APPROVED

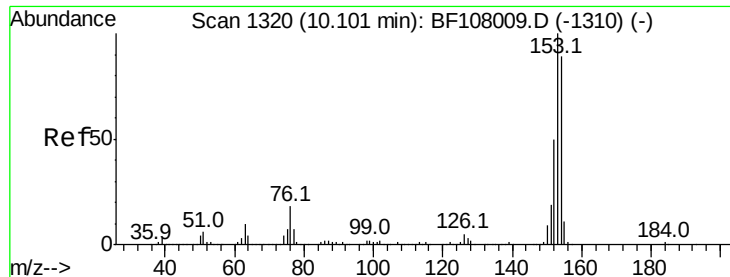
Sohil
8/17/2018 3:30:35 PM



#50
2,6-Dinitrotoluene
Concen: 24.184 ng
RT: 9.84 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	122388		
63	58.7		44.7	67.1
89	55.4		44.0	66.0





#51

Acenaphthene

Concen: 22.702 ng

RT: 10.10 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Instrument :

BNA_F

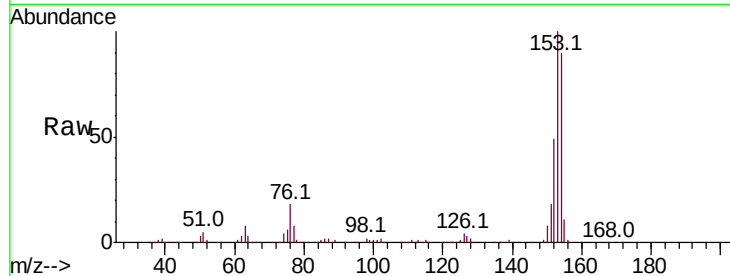
ClientSampleId :

FK-SF-03-004-AMS

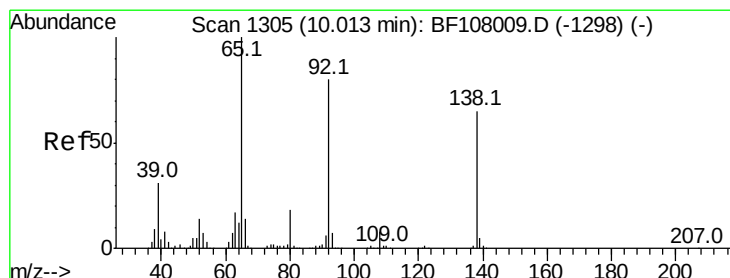
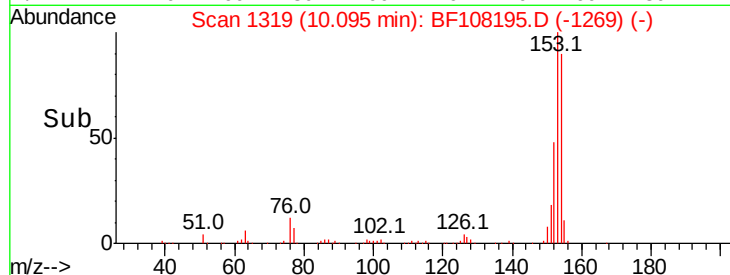
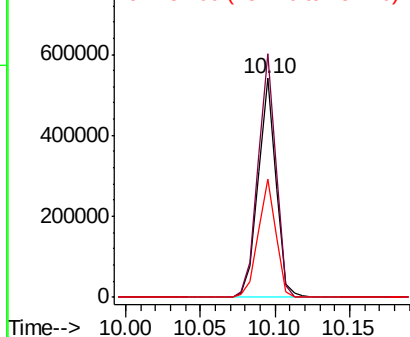
Tot Ion:	154	Resp:	444815
Ion Ratio	Lower	Upper	
154	100		
153	111.1	91.2	136.8
152	54.2	43.8	65.8

Manual Integrations
APPROVED

Sohil
8/17/2018 3:30:35 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.734 ng

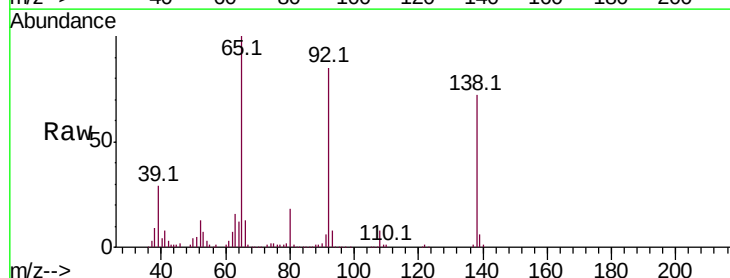
RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

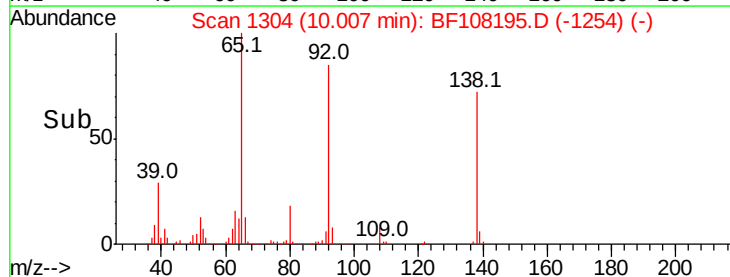
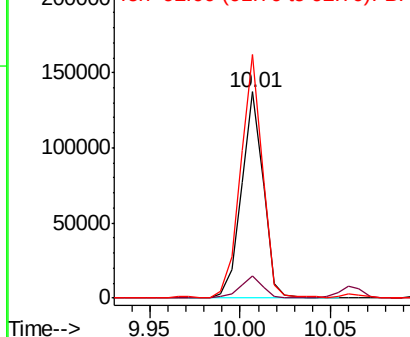
Lab File: BF108195.D

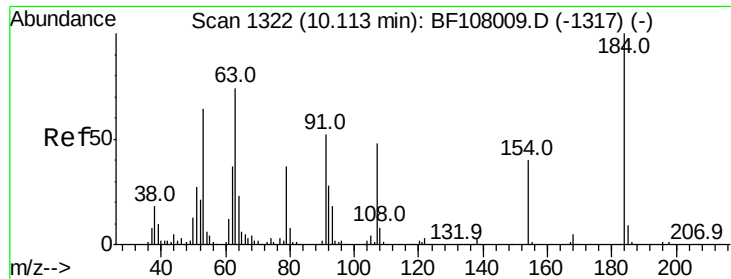
Acq: 16 Aug 2018 15:21

Tgt Ion:	138	Resp:	114804
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.4	14.0
92	118.1	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





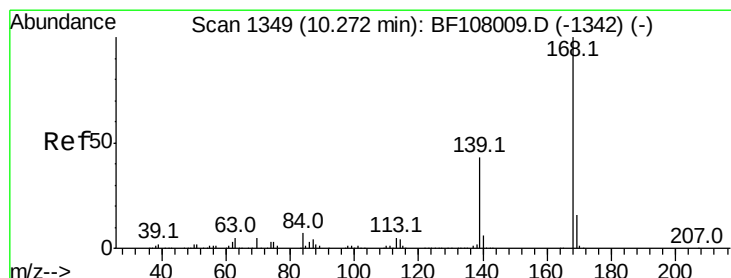
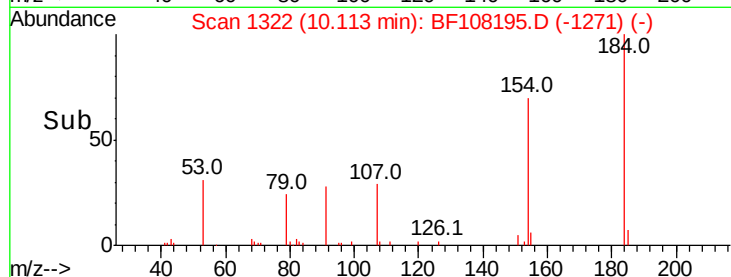
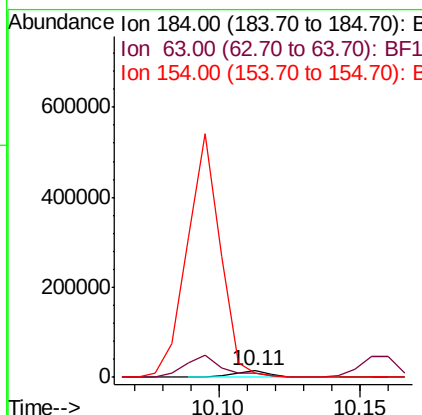
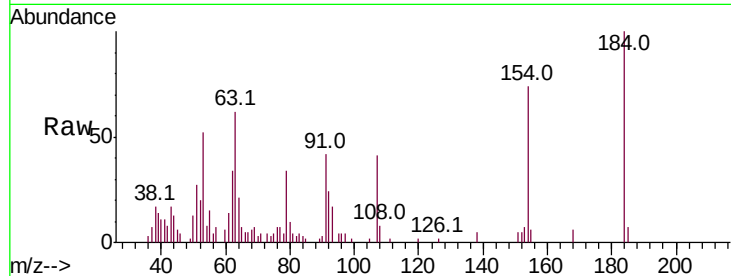
#53
2,4-Dinitrophenol
Concen: 12.877 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	62.5	54.2	81.2
154	73.6	184.0	276.0#

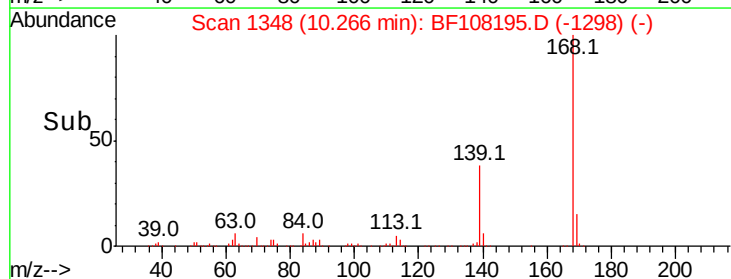
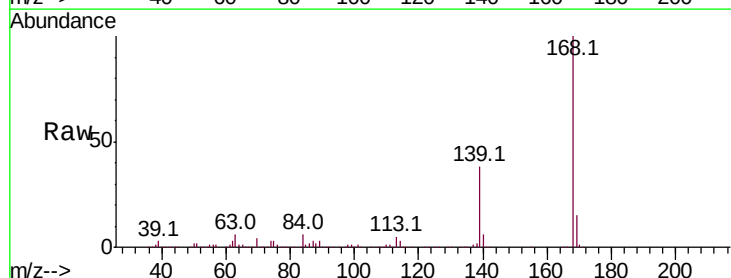
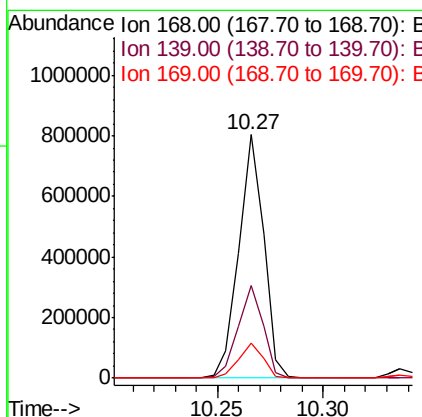
Manual Integrations
APPROVED

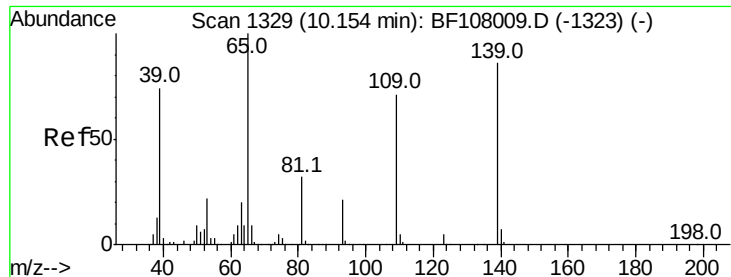
Sohil
8/17/2018 3:30:35 PM



#54
Dibenzofuran
Concen: 23.122 ng
RT: 10.27 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.1	45.1
169	14.5	10.9	16.3





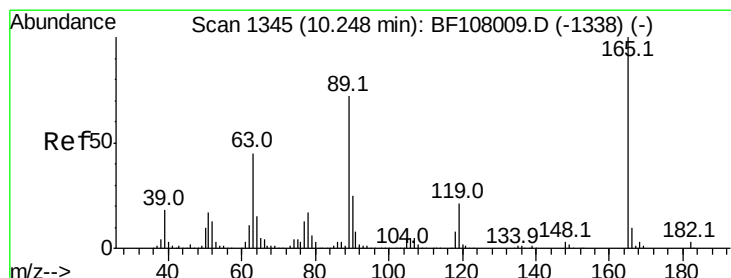
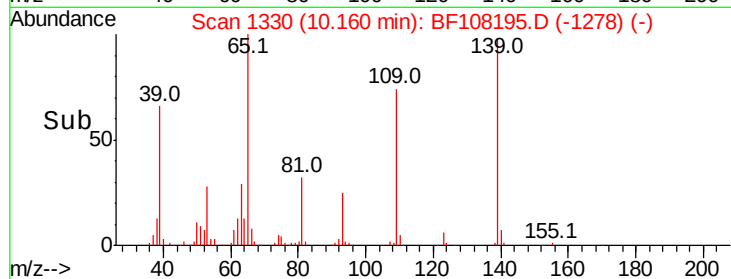
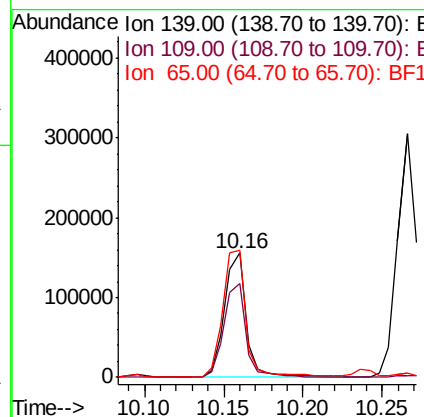
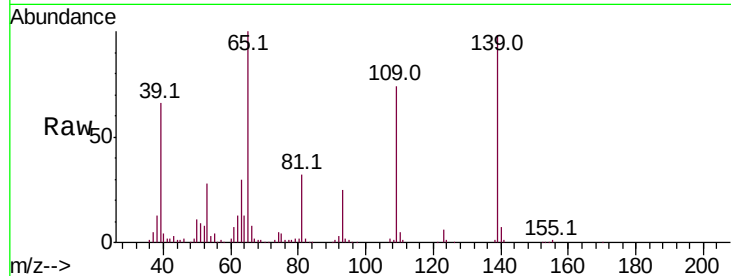
#55
4-Nitrophenol
Concen: 35.539 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	149010		
109	75.1	48.4	88.4	
65	102.1	72.6	112.6	

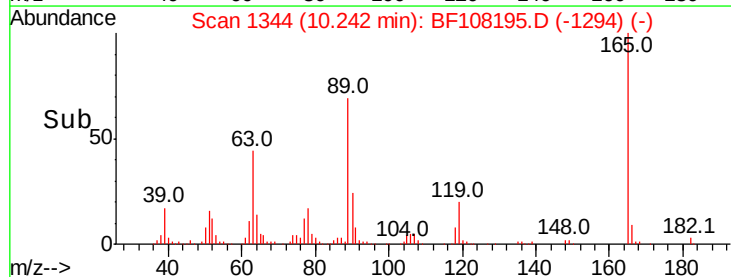
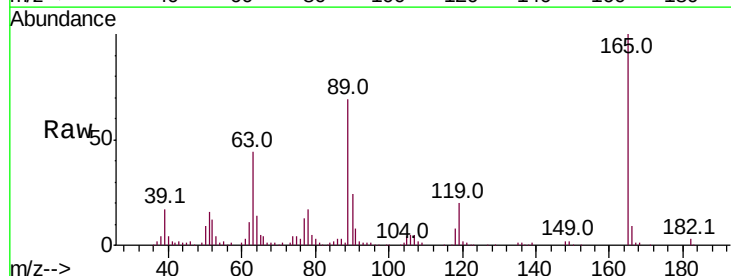
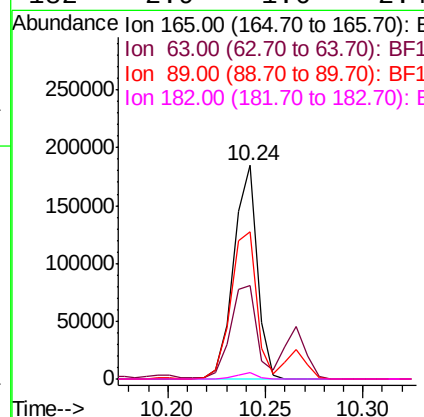
Manual Integrations
APPROVED

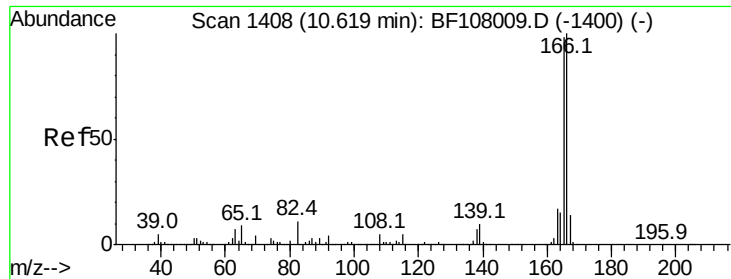
Sohil
8/17/2018 3:30:35 PM



#56
2,4-Dinitrotoluene
Concen: 23.870 ng
RT: 10.24 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	155489		
63	43.7	36.4	54.6	
89	68.9	57.8	86.6	
182	2.9	1.6	2.4	#





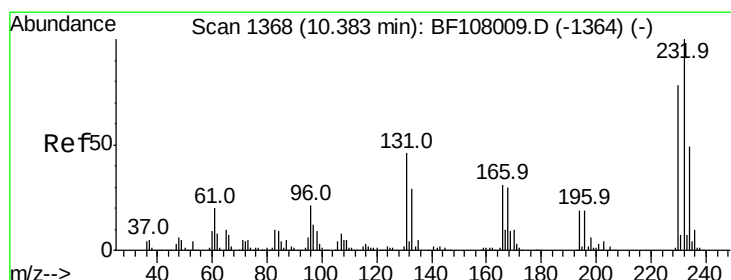
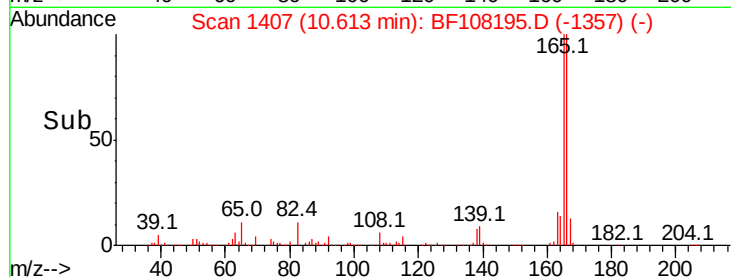
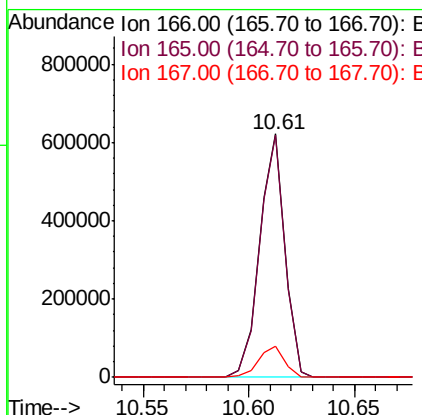
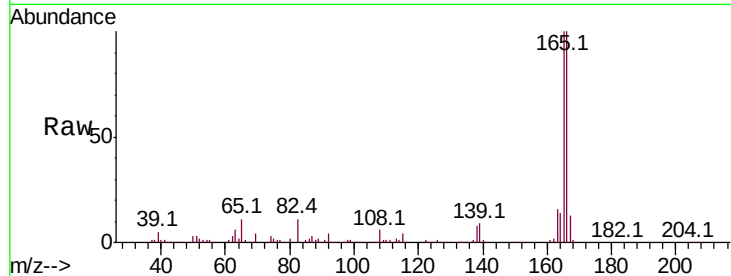
#57
 Fluorene
 Concen: 23.049 ng
 RT: 10.61 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF108195.D
 Acq: 16 Aug 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	517954		
165	99.5	79.8	119.8	
167	13.0	10.6	16.0	

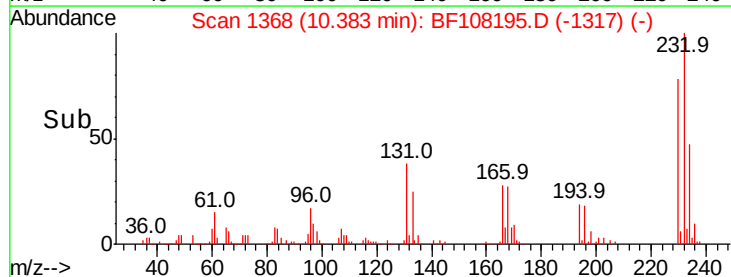
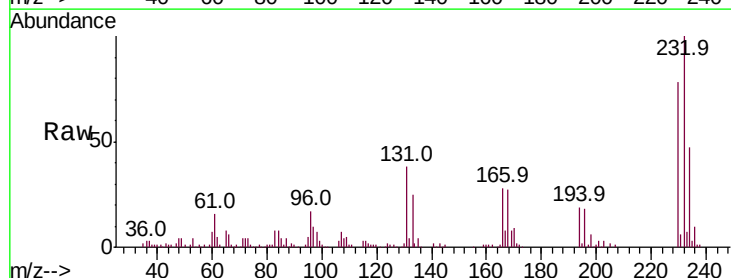
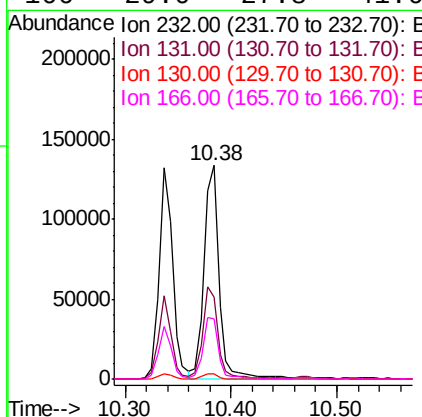
Manual Integrations
 APPROVED

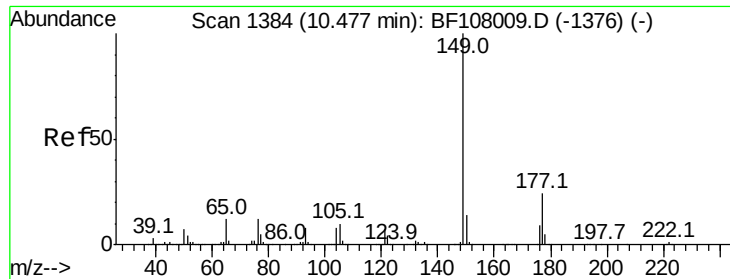
Sohil
 8/17/2018 3:30:35 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 21.622 ng
 RT: 10.38 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF108195.D
 Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	131646		
231	42.1	43.8	65.8#	
130	2.4	2.1	3.1	
166	29.0	27.8	41.6	





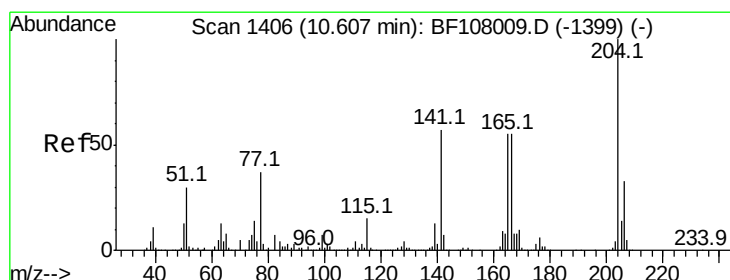
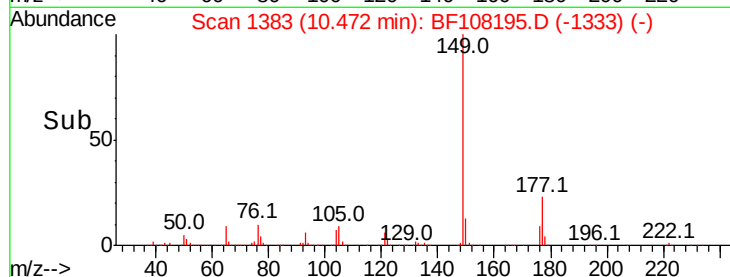
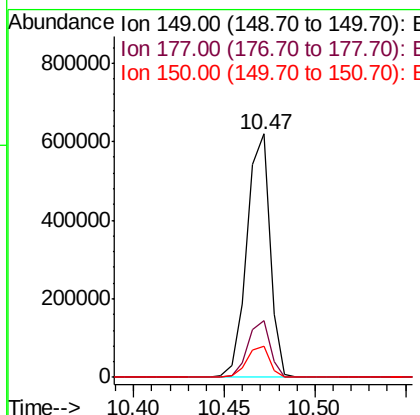
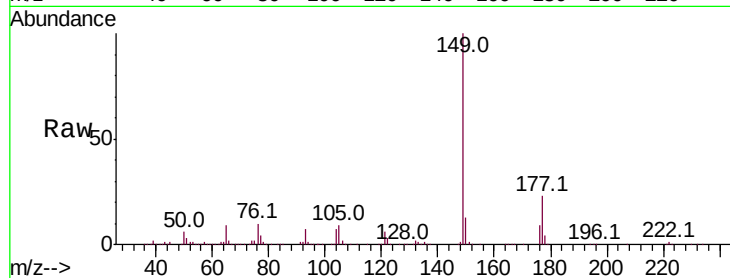
#59
Diethylphthalate
Concen: 23.441 ng
RT: 10.47 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	549034		
177	23.1	16.1	24.1	
150	12.7	10.1	15.1	

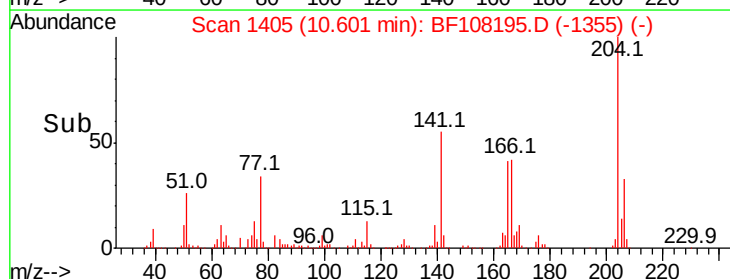
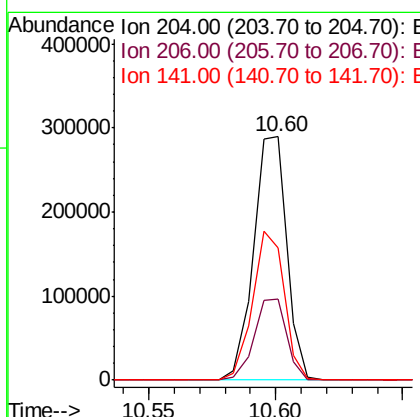
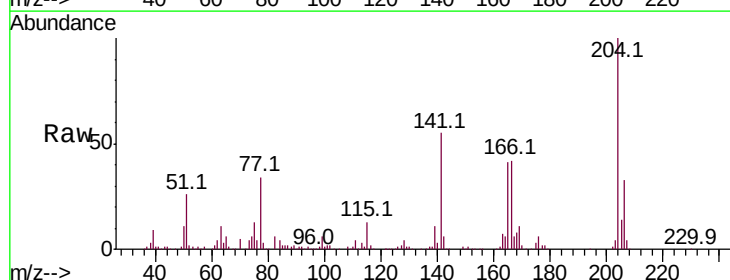
Manual Integrations
APPROVED

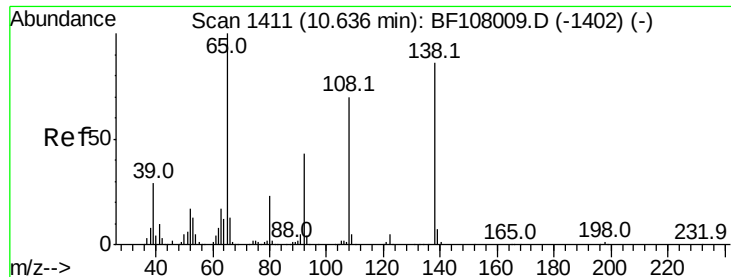
Sohil
8/17/2018 3:30:35 PM



#60
4-Chlorophenyl-phenylether
Concen: 22.681 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	265582		
206	33.1	26.5	39.7	
141	54.5	54.6	81.8#	





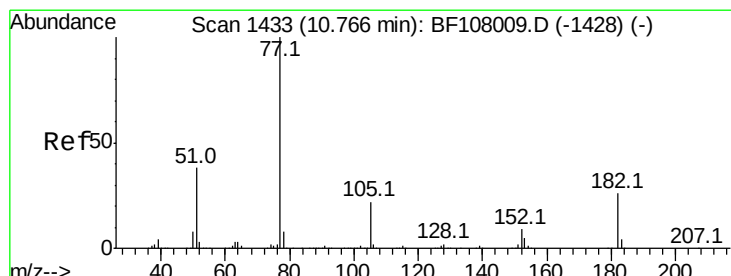
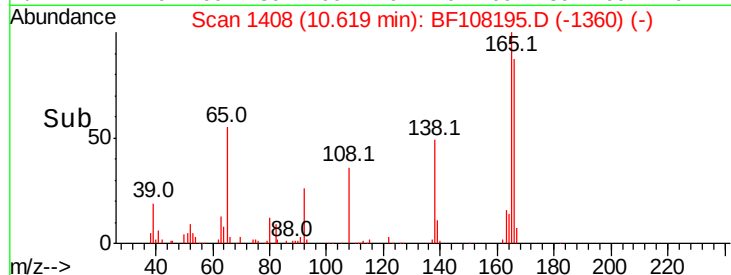
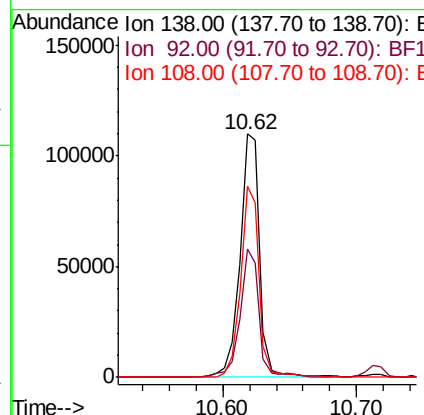
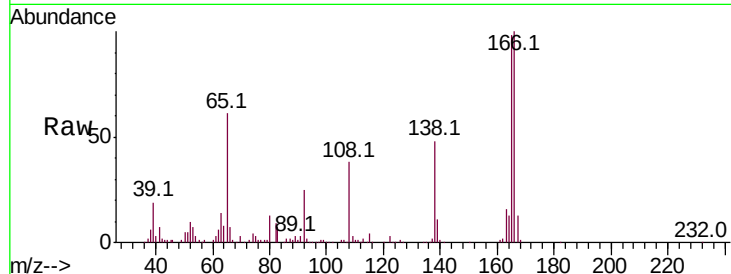
#61
4-Nitroaniline
Concen: 20.798 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	52.6	30.2	70.2	
108	78.6	52.5	92.5	

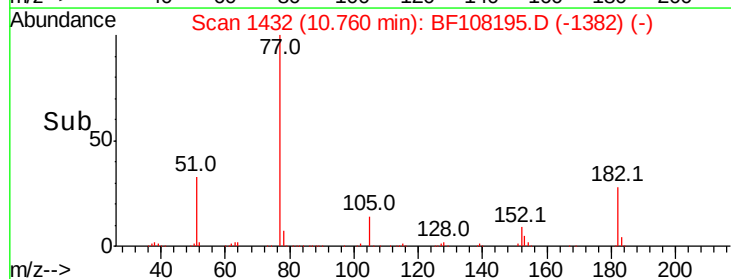
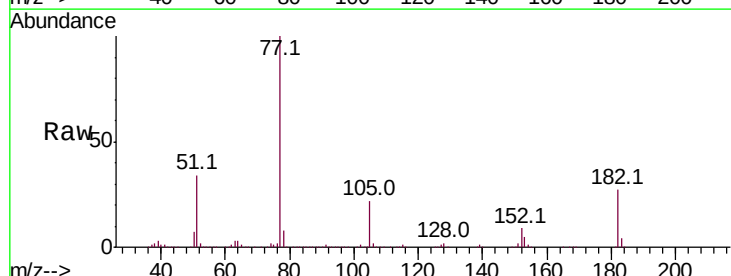
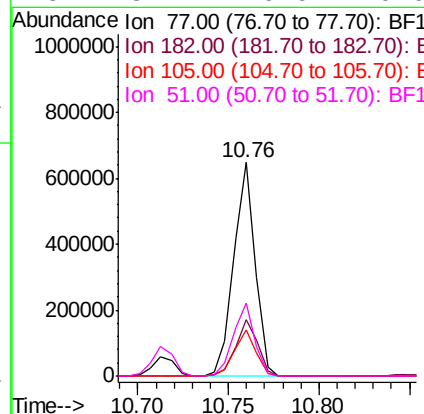
Manual Integrations
APPROVED

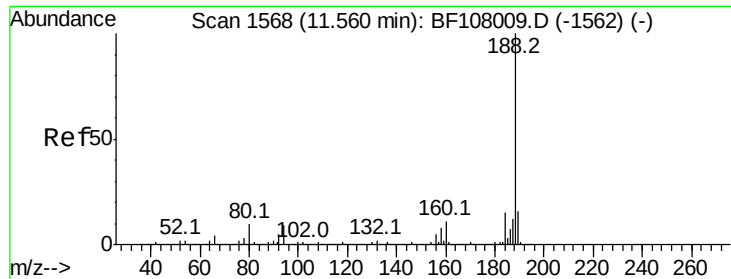
Sohil
8/17/2018 3:30:35 PM



#62
Azobenzene
Concen: 22.140 ng
RT: 10.76 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.6	1.7	41.7	
105	21.8	3.0	43.0	
51	34.2	9.9	49.9	





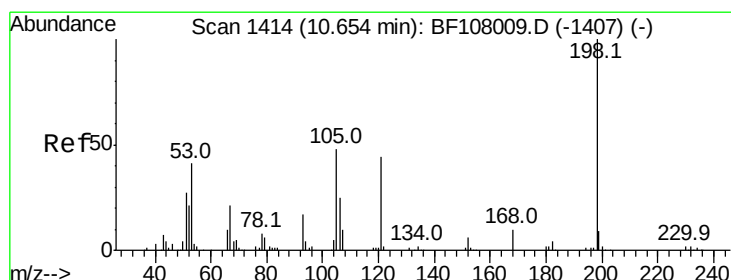
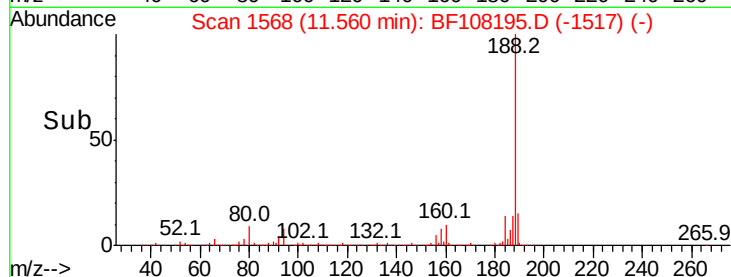
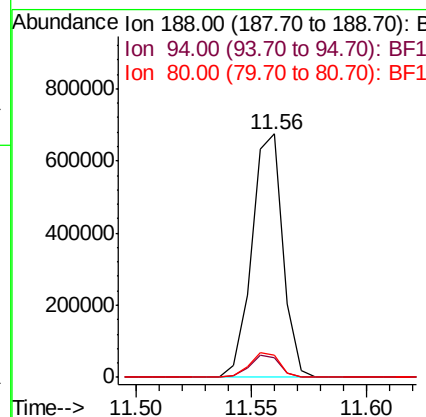
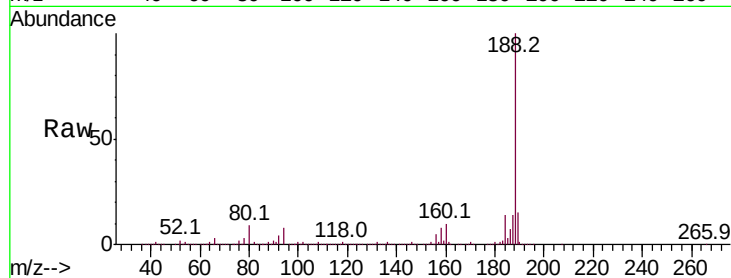
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.9	8.5	12.7#	
80	9.1	9.2	13.8#	

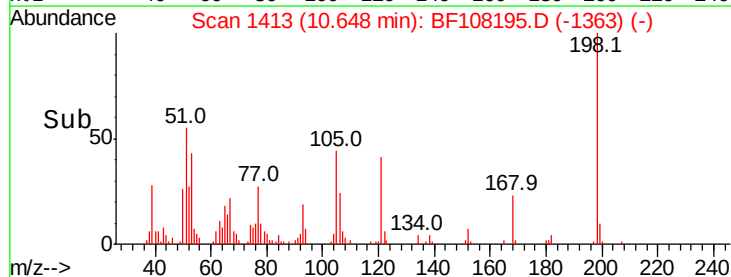
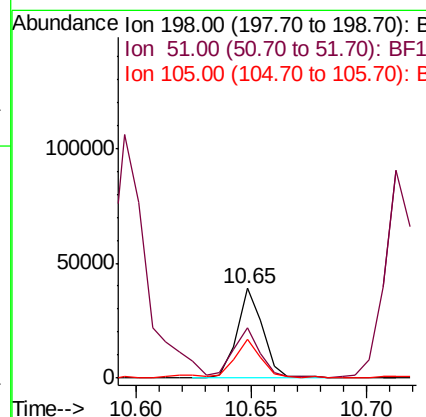
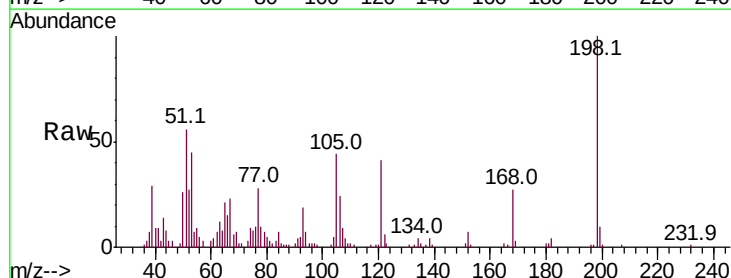
Manual Integrations
APPROVED

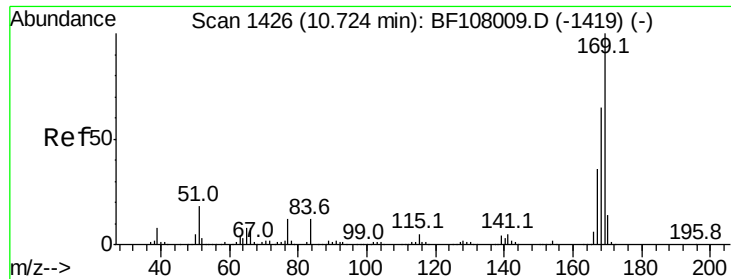
Sohil
8/17/2018 3:30:35 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 16.776 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	55.6	37.7	77.7	
105	43.6	36.3	76.3	





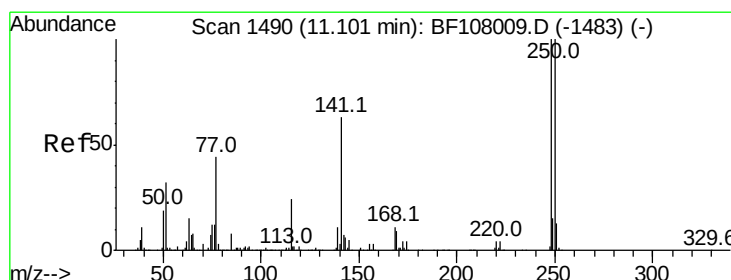
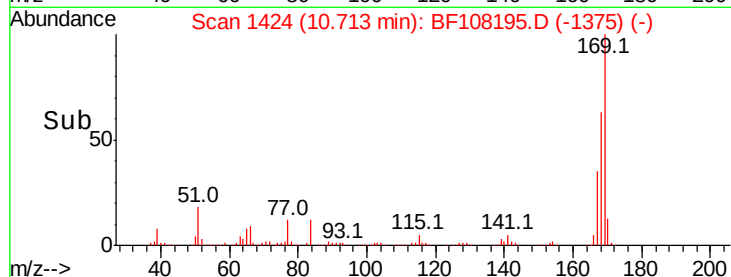
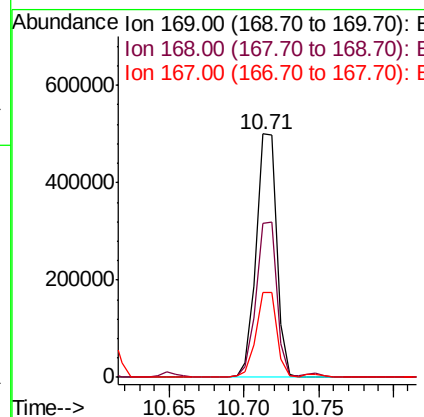
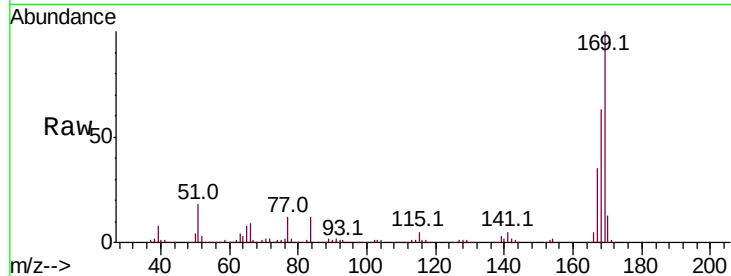
#65
n-Nitrosodiphenylamine
Concen: 25.250 ng
RT: 10.71 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	473617		
168	63.2		54.4	81.6
167	34.8		29.8	44.6

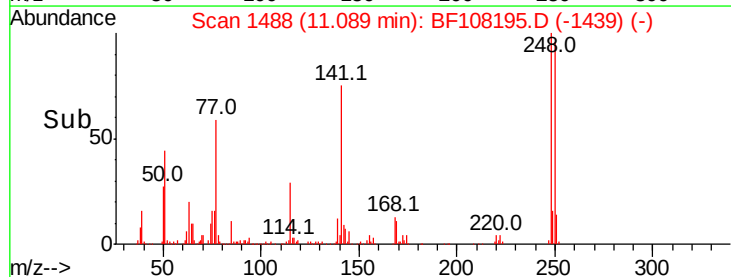
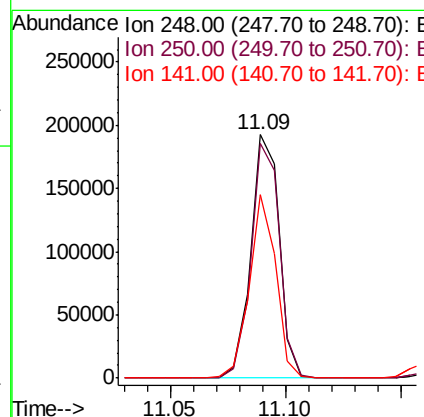
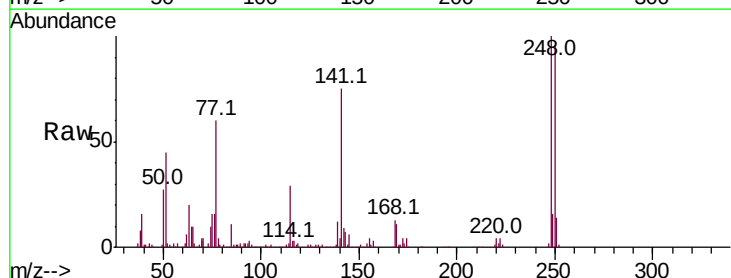
Manual Integrations
APPROVED

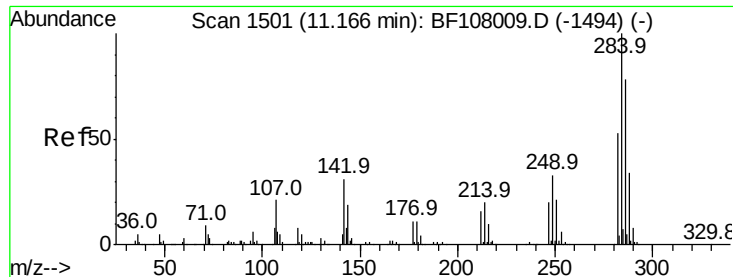
Sohil
8/17/2018 3:30:35 PM



#66
4-Bromophenyl-phenylether
Concen: 24.055 ng
RT: 11.09 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	165929		
250	96.5		76.9	115.3
141	75.2		74.4	111.6





#67

Hexachlorobenzene

Concen: 23.005 ng

RT: 11.16 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Instrument :

BNA_F

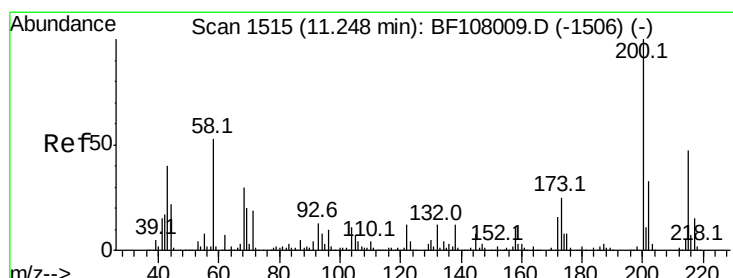
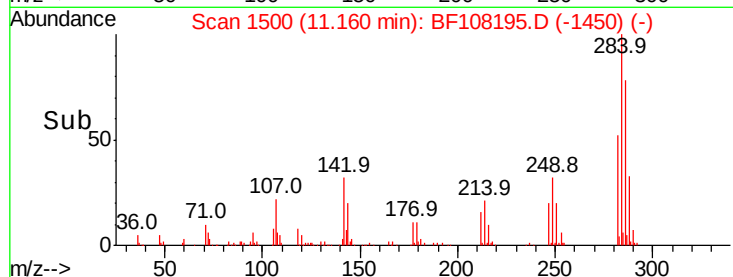
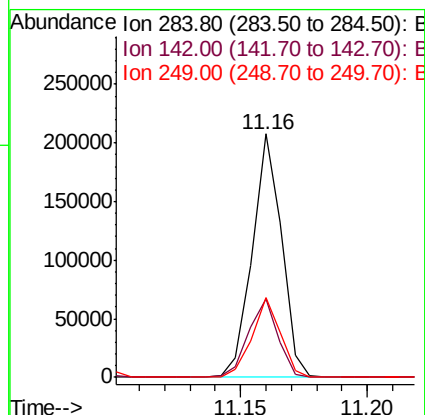
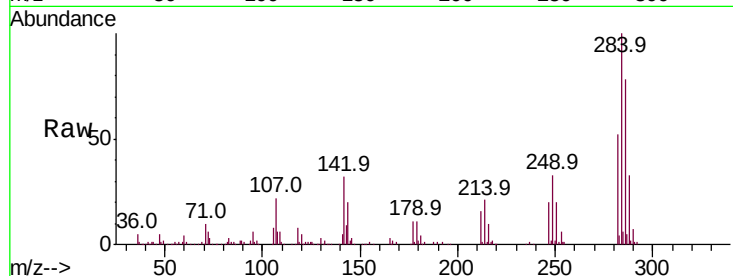
ClientSampleId :

FK-SF-03-004-AMS

Tot Ion:	284	Resp:	166961
Ion Ratio	Lower	Upper	
284	100		
142	32.1	34.6	52.0#
249	32.5	24.8	37.2

Manual Integrations
APPROVED

Sohil
8/17/2018 3:30:35 PM



#68

Atrazine

Concen: 24.668 ng

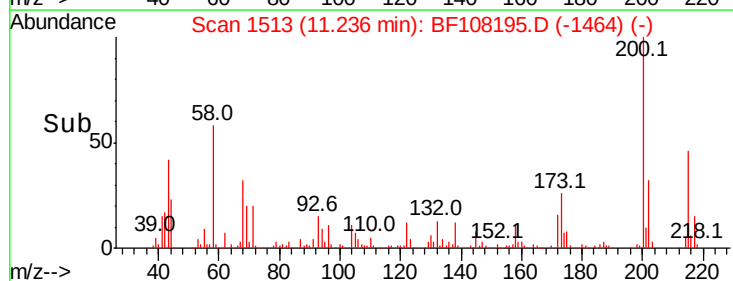
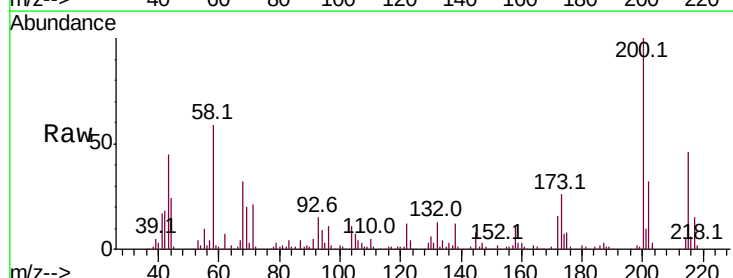
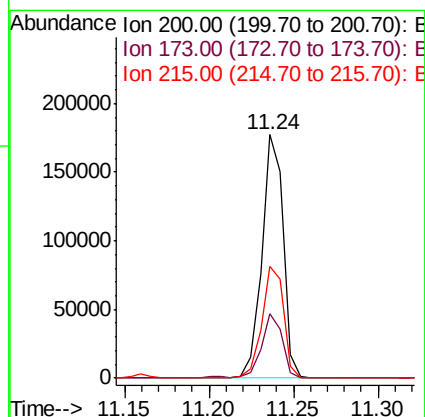
RT: 11.24 min Scan# 1513

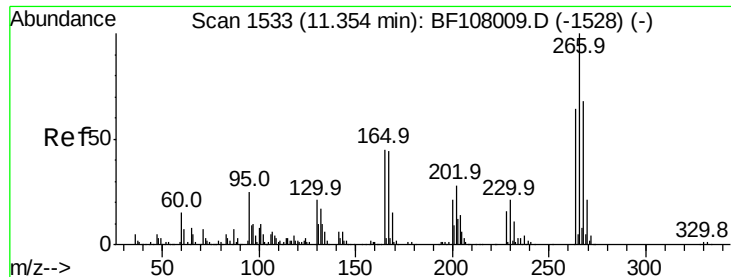
Delta R.T. -0.01 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Tgt Ion:	200	Resp:	155194
Ion Ratio	Lower	Upper	
200	100		
173	26.2	8.6	48.6
215	45.9	25.1	65.1





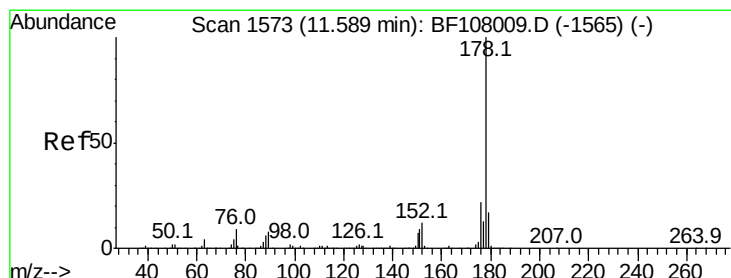
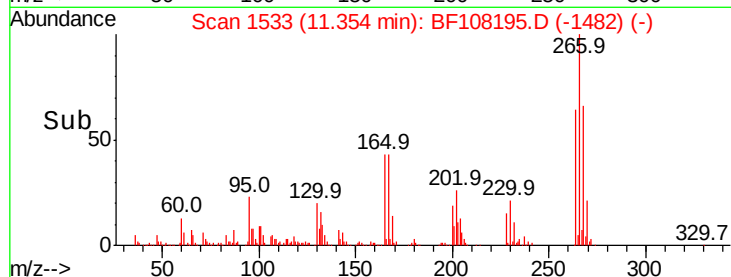
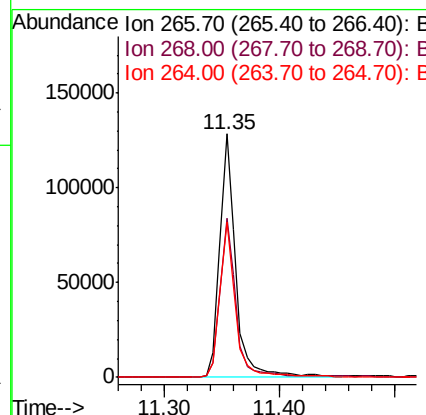
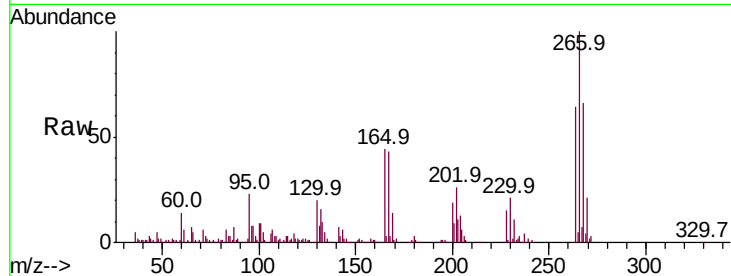
#69
 Pentachlorophenol
 Concen: 35.547 ng
 RT: 11.35 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF108195.D
 Acq: 16 Aug 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	123485		
268	65.6	51.1	76.7	
264	63.8	49.5	74.3	

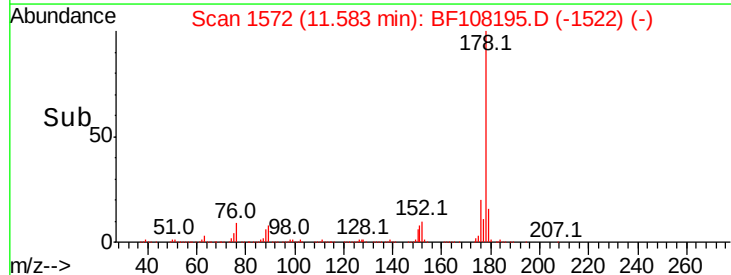
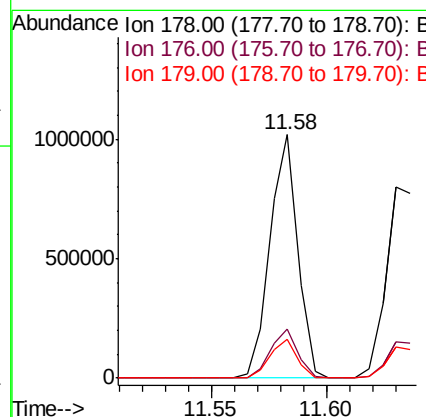
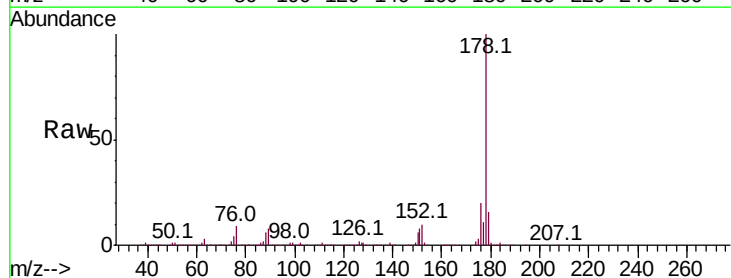
Manual Integrations
 APPROVED

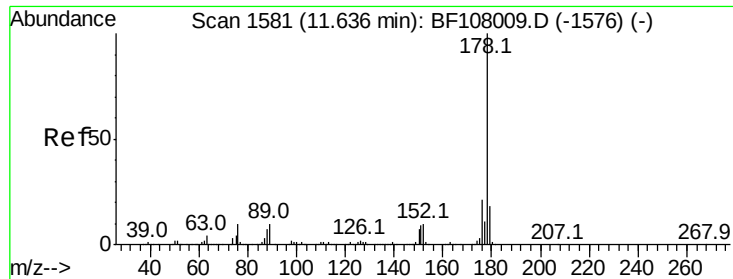
Sohil
 8/17/2018 3:30:35 PM



#70
 Phenanthrene
 Concen: 28.539 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF108195.D
 Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	854405		
176	20.1	15.8	23.8	
179	15.9	13.0	19.6	





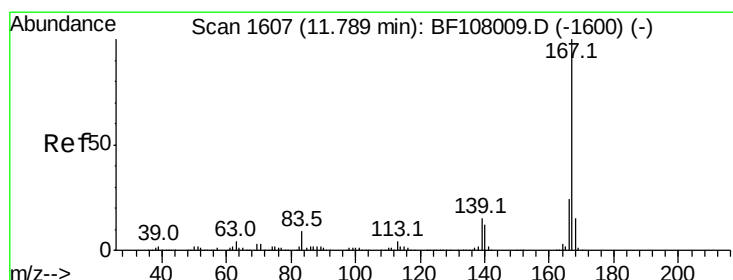
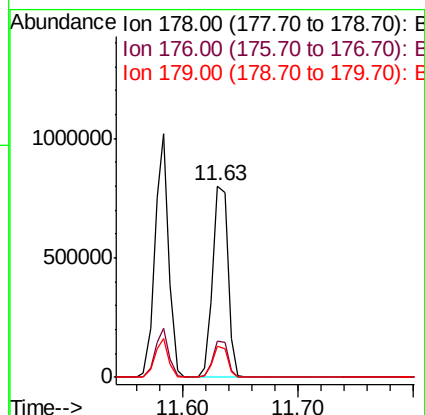
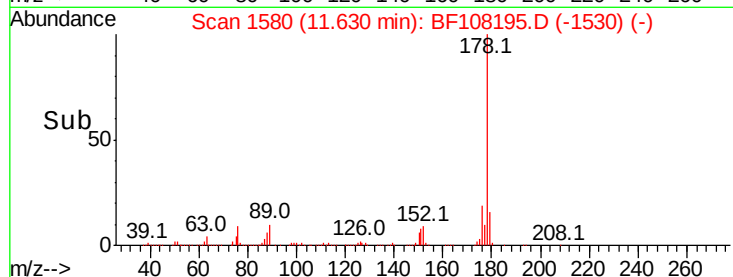
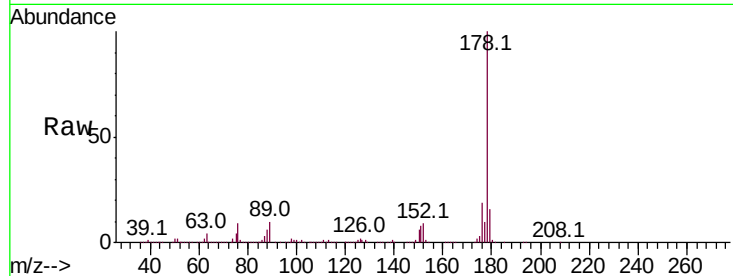
#71
 Anthracene
 Concen: 24.250 ng
 RT: 11.63 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF108195.D
 Acq: 16 Aug 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.9	12.6	19.0

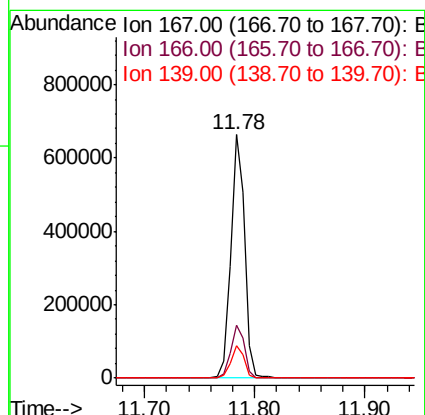
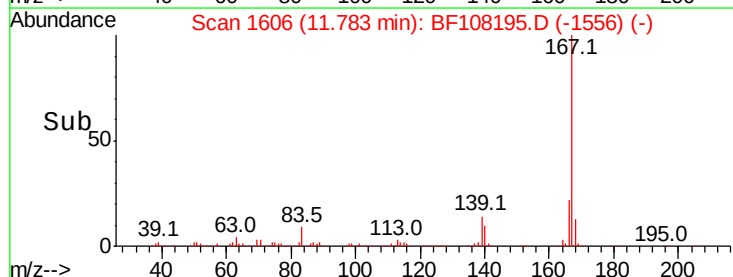
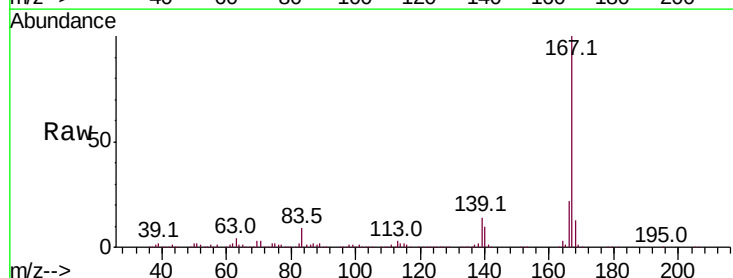
Manual Integrations
 APPROVED

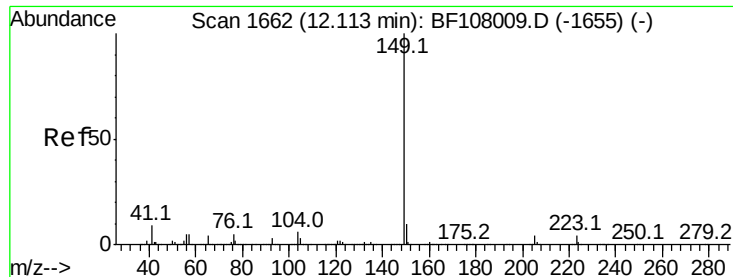
Sohil
 8/17/2018 3:30:35 PM



#72
 Carbazole
 Concen: 21.348 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF108195.D
 Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 25.767 ng

RT: 12.10 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Instrument :

BNA_F

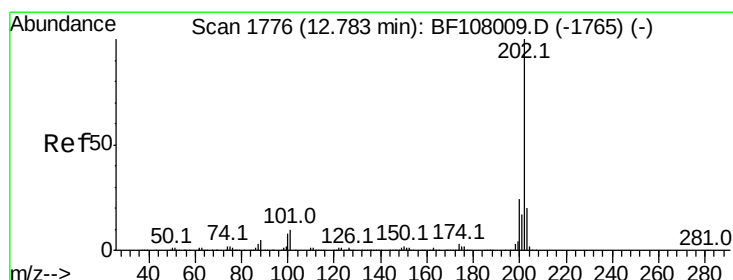
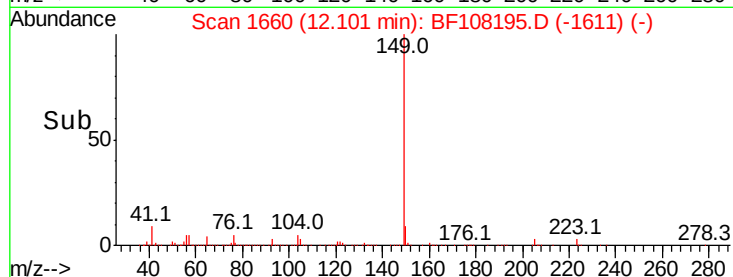
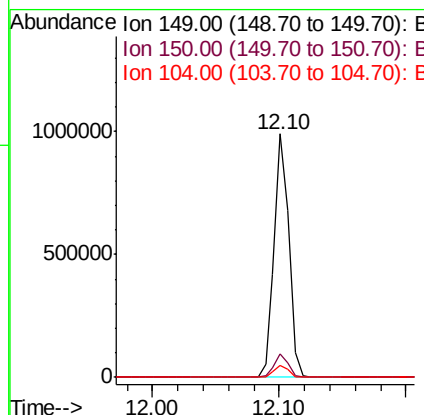
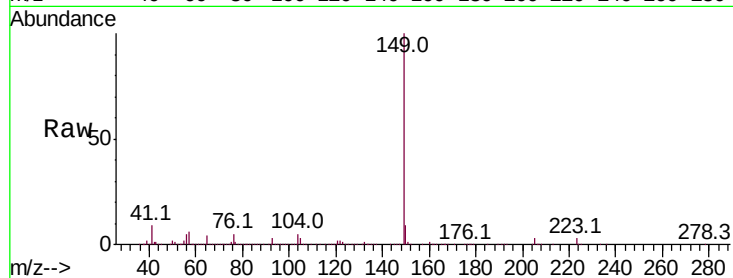
ClientSampleId :

FK-SF-03-004-AMS

Tot Ion:	149	Resp:	795680
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	5.1	3.8	5.8

Manual Integrations
APPROVED

Sohil
8/17/2018 3:30:35 PM



#74

Fluoranthene

Concen: 23.709 ng

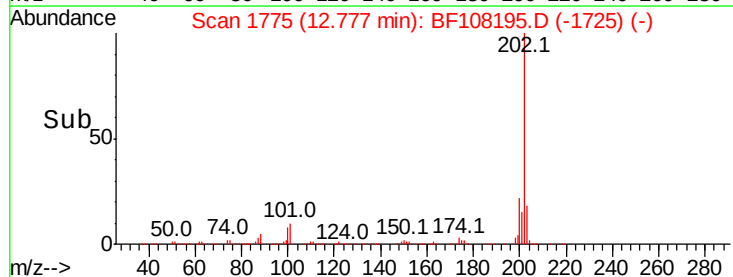
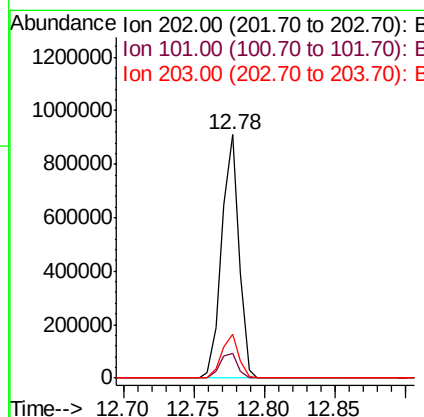
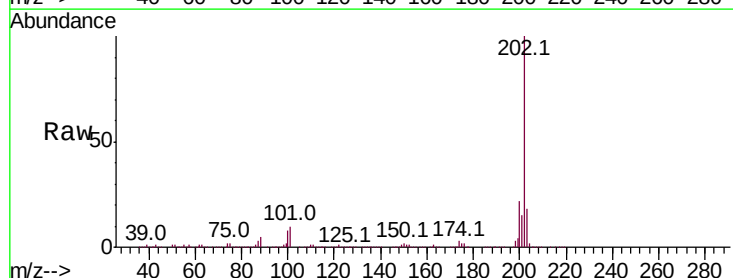
RT: 12.78 min Scan# 1775

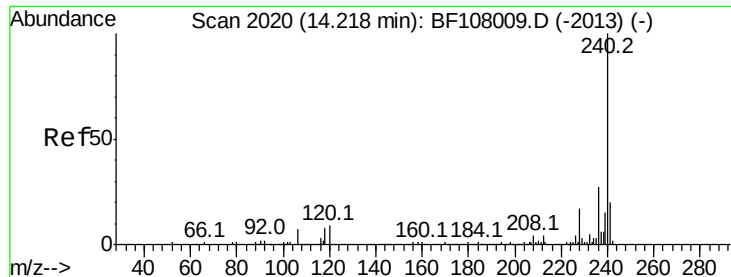
Delta R.T. -0.01 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Tgt Ion:	202	Resp:	774678
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Instrument :

BNA_F

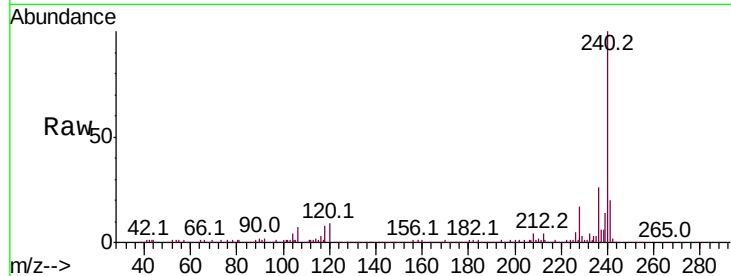
ClientSampleId :

FK-SF-03-004-AMS

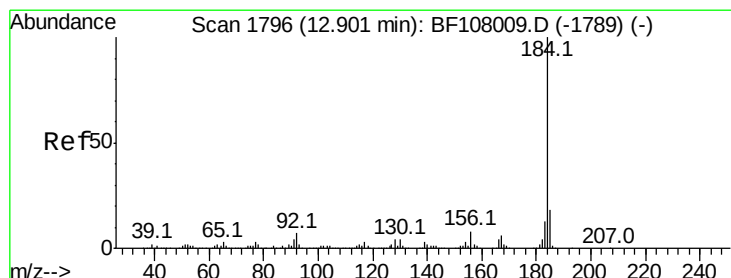
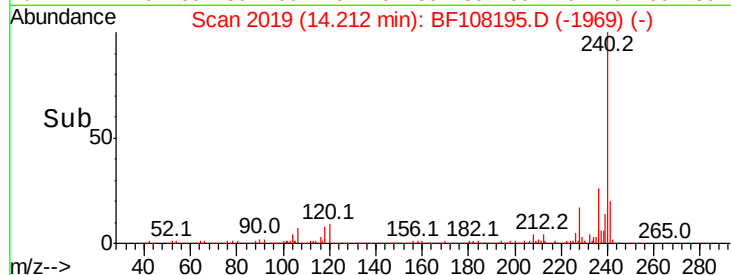
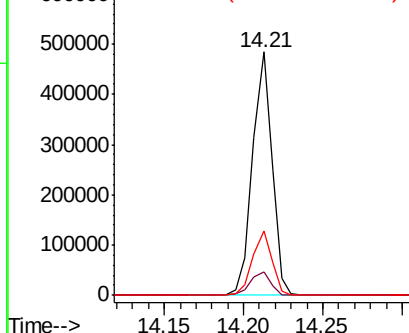
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3#
236	26.4	20.7	31.1

Manual Integrations
APPROVED

Sohil
8/17/2018 3:30:35 PM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.527 ng

RT: 12.89 min Scan# 1795

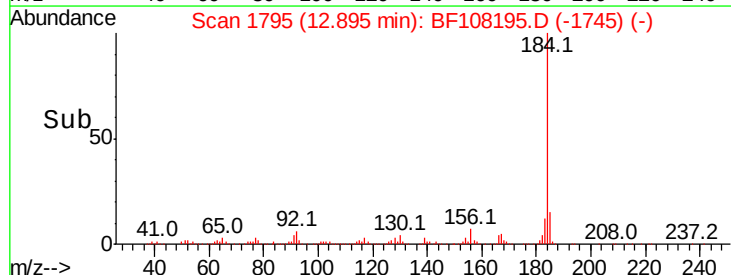
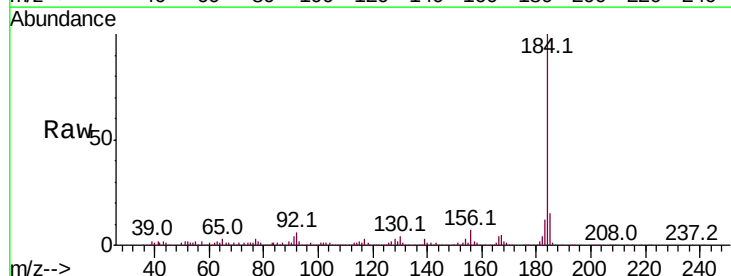
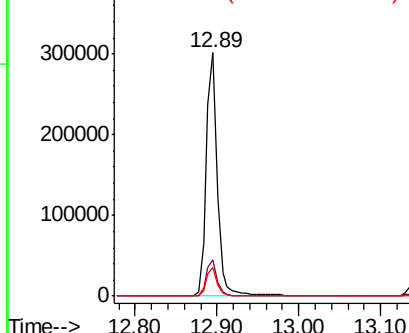
Delta R.T. -0.01 min

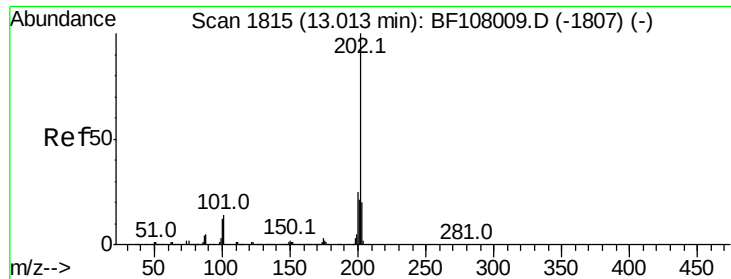
Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	18.8
183	12.0	9.3	13.9

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 28.098 ng

RT: 13.01 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Instrument :

BNA_F

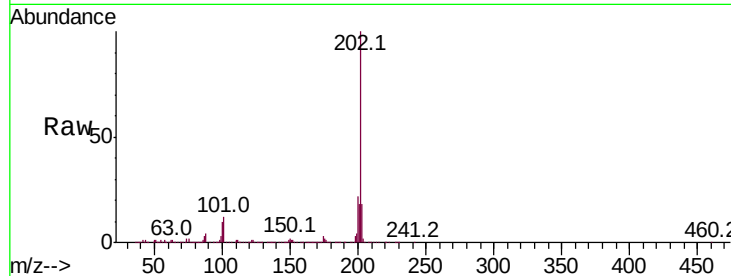
ClientSampleId :

FK-SF-03-004-AMS

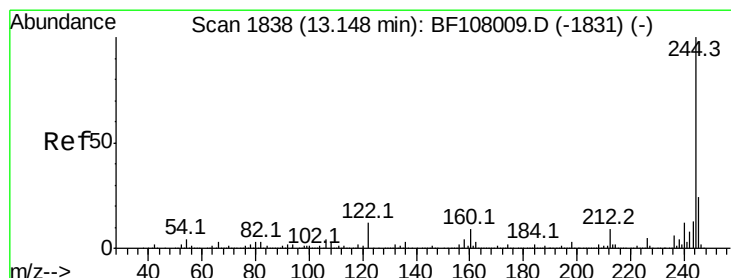
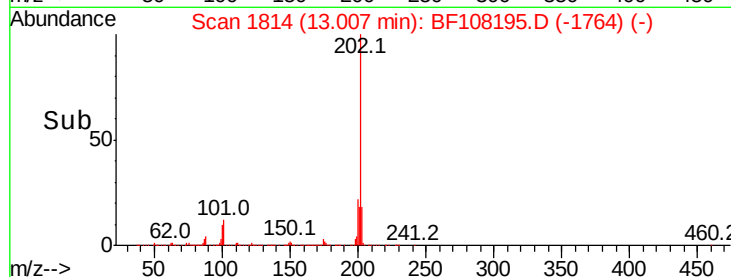
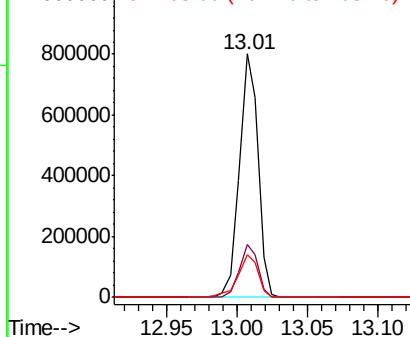
Tot Ion:	202	Resp:	737447
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.4	26.2
203	17.7	14.3	21.5

Manual Integrations
APPROVED

Sohil
8/17/2018 3:30:35 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 54.250 ng

RT: 13.14 min Scan# 1837

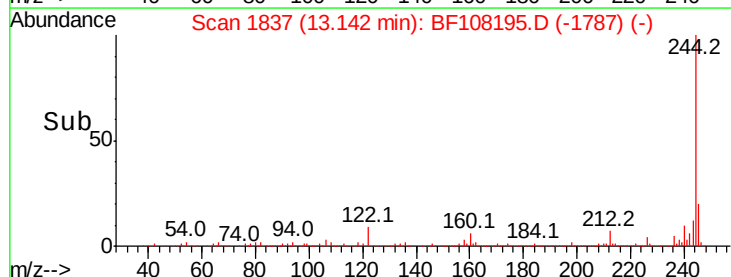
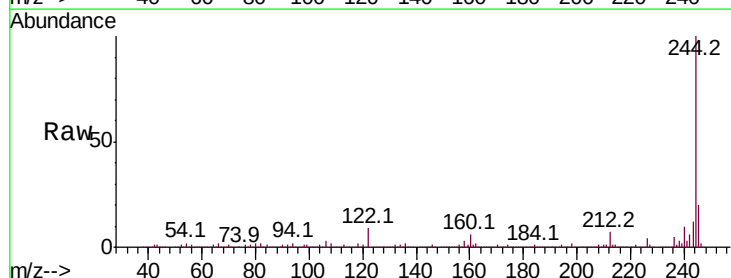
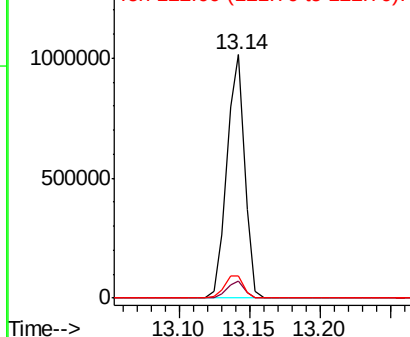
Delta R.T. -0.01 min

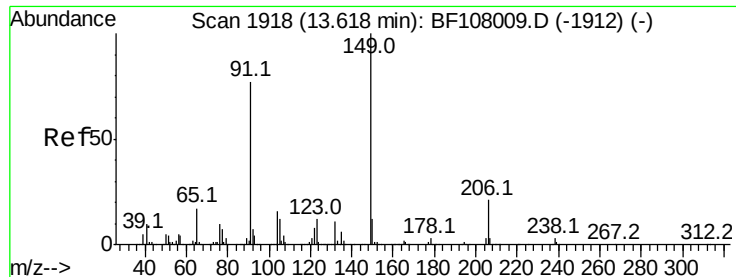
Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Tgt Ion:	244	Resp:	884516
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	9.3	11.0	16.4#

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





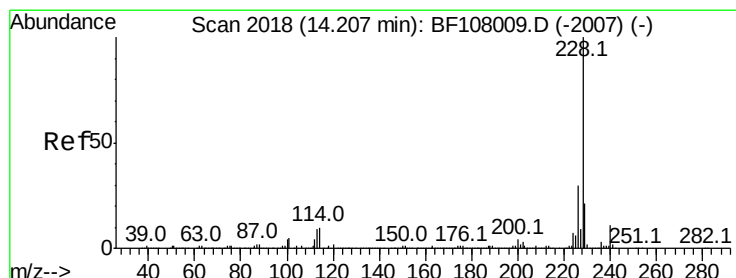
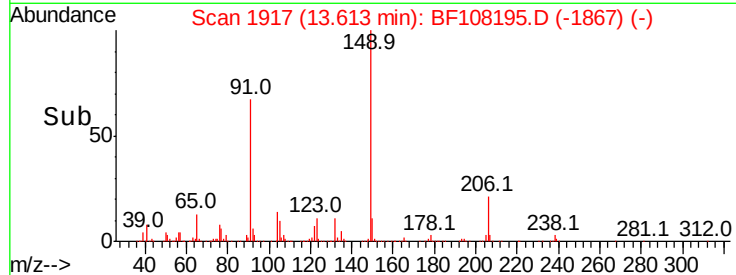
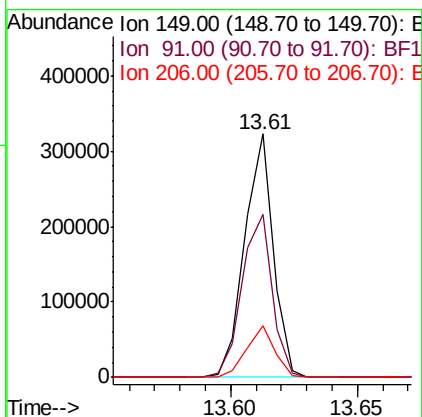
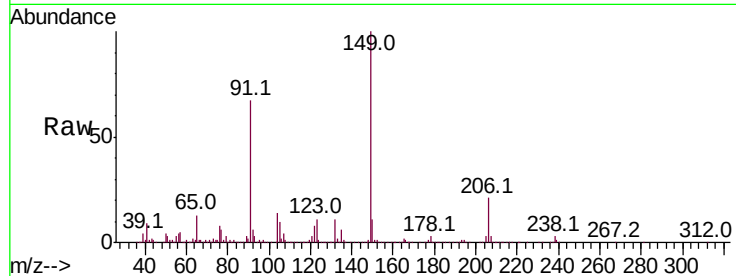
#79
Butylbenzylphthalate
Concen: 24.233 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	252543		
91	67.2	56.8	85.2	
206	21.0	14.1	21.1	

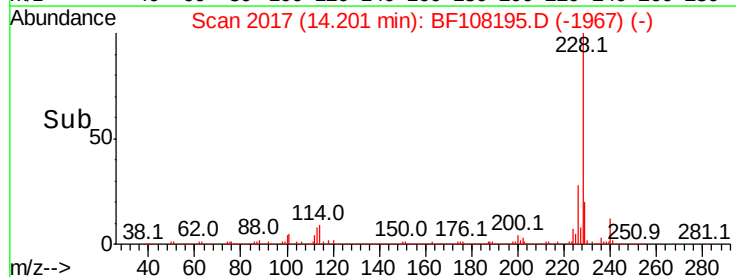
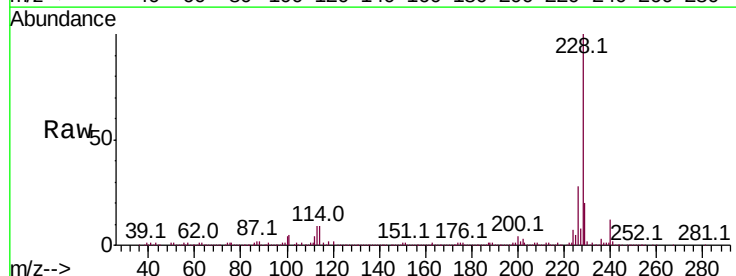
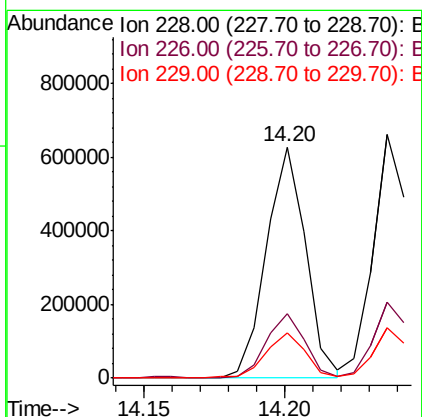
Manual Integrations
APPROVED

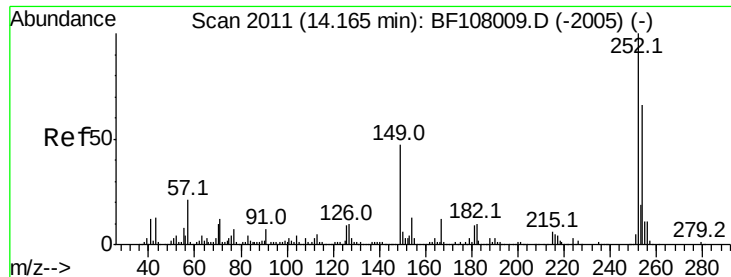
Sohil
8/17/2018 3:30:35 PM



#80
Benzo(a)anthracene
Concen: 25.404 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	604386		
226	27.8	22.6	33.8	
229	19.7	15.8	23.6	





#81

3,3'-Dichlorobenzidine

Concen: 22.687 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Instrument :

BNA_F

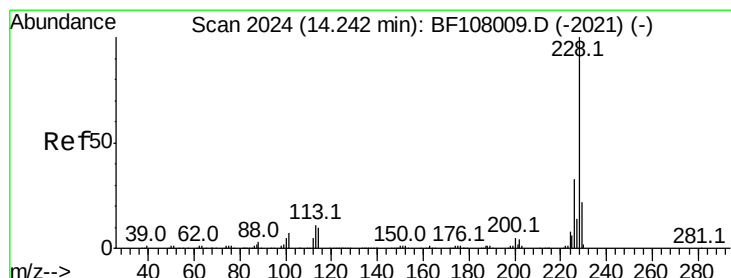
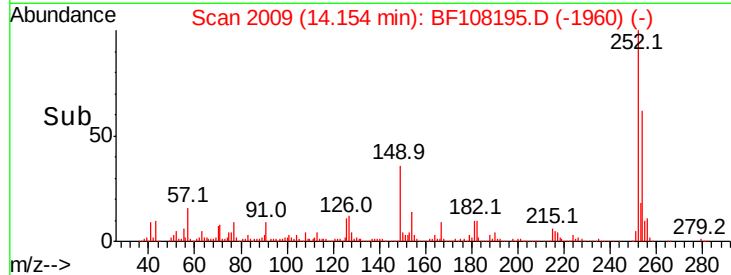
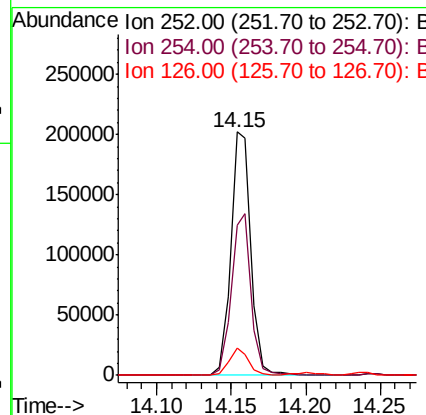
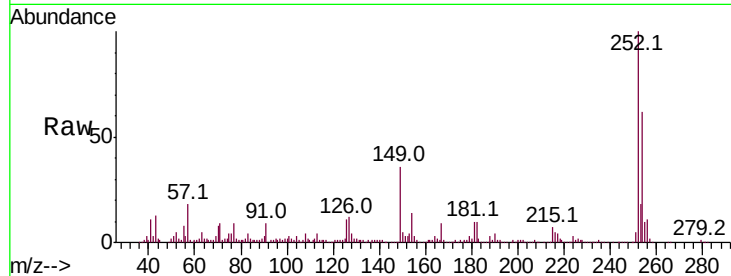
ClientSampleId :

FK-SF-03-004-AMS

Tot Ion:	252	Resp:	193434
Ion Ratio	Lower	Upper	
252	100		
254	61.9	50.4	75.6
126	11.1	11.3	16.9#

Manual Integrations
APPROVED

Sohil
8/17/2018 3:30:35 PM



#82

Chrysene

Concen: 25.577 ng

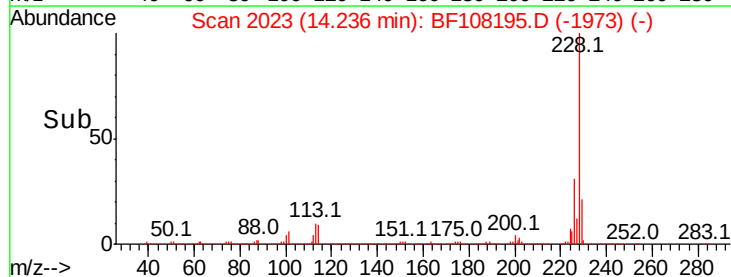
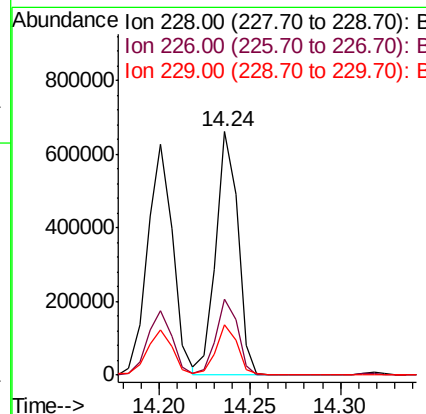
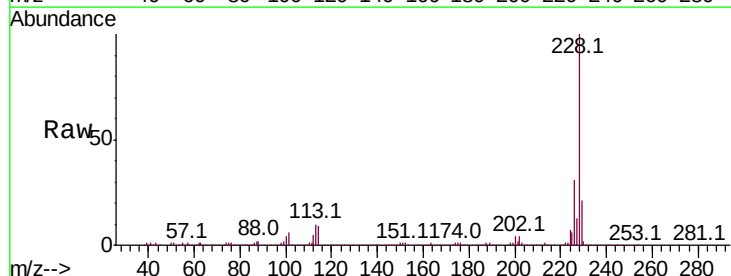
RT: 14.24 min Scan# 2023

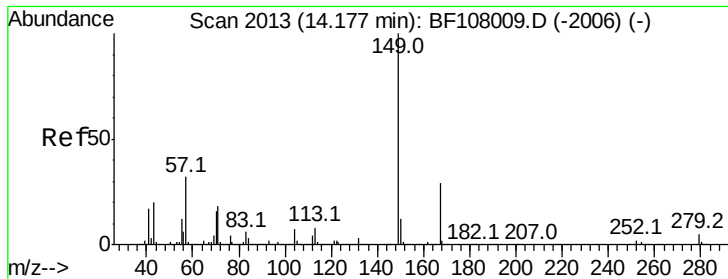
Delta R.T. -0.01 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Tgt Ion:	228	Resp:	557860
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.0	37.6
229	20.9	16.2	24.4





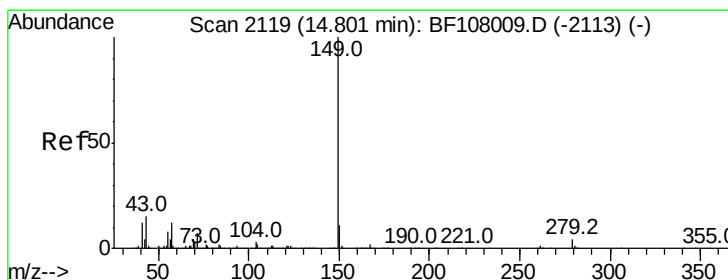
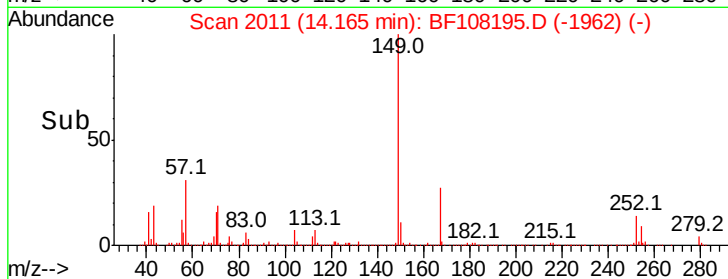
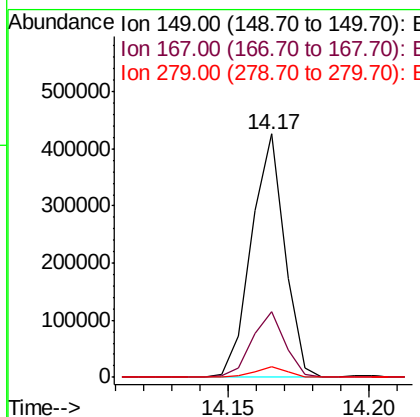
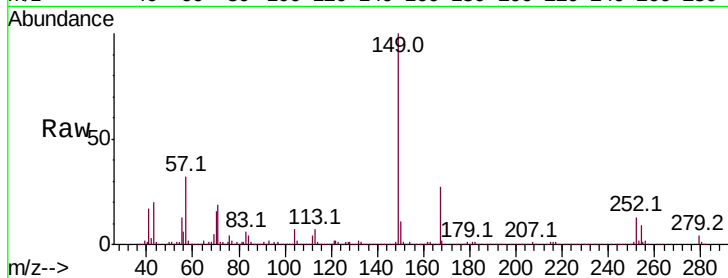
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 24.654 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF108195.D
 Acq: 16 Aug 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	347940		
167	26.9	21.3	31.9	
279	4.3	3.0	4.4	

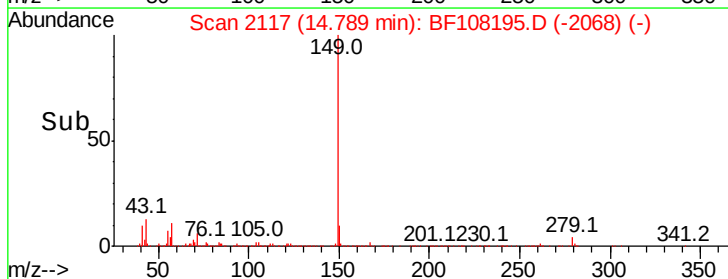
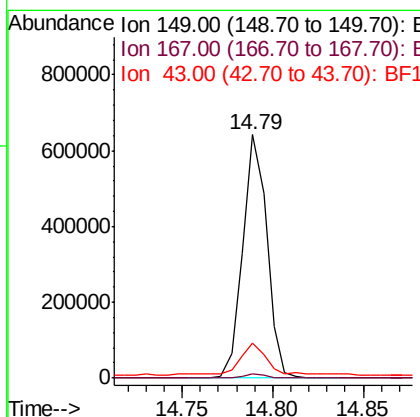
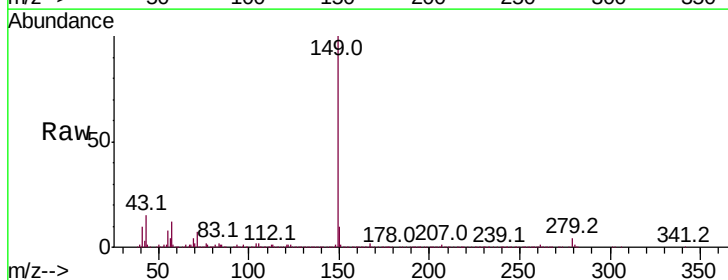
Manual Integrations
 APPROVED

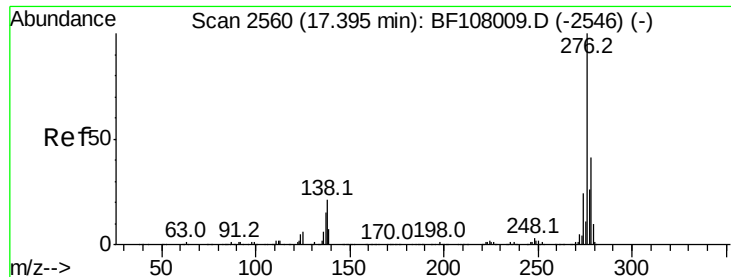
Sohil
 8/17/2018 3:30:35 PM



#84
 Di-n-octyl phthalate
 Concen: 27.542 ng
 RT: 14.79 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BF108195.D
 Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	592791		
167	1.5	1.2	1.8	
43	17.0	8.4	12.6	





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.813 ng

RT: 17.39 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BF108195.D

Acq: 16 Aug 2018 15:21

Instrument :

BNA_F

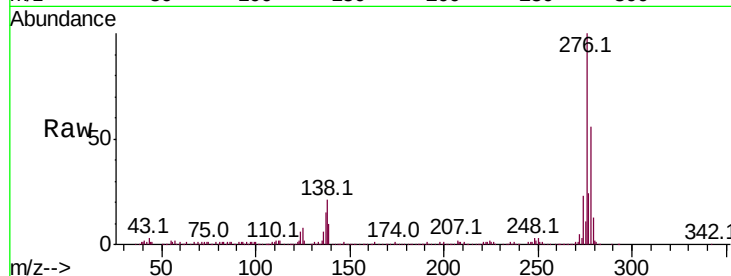
ClientSampleId :

FK-SF-03-004-AMS

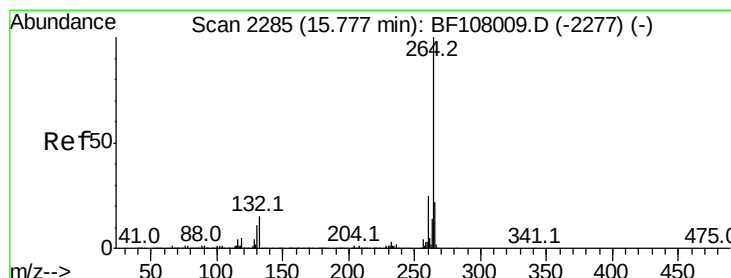
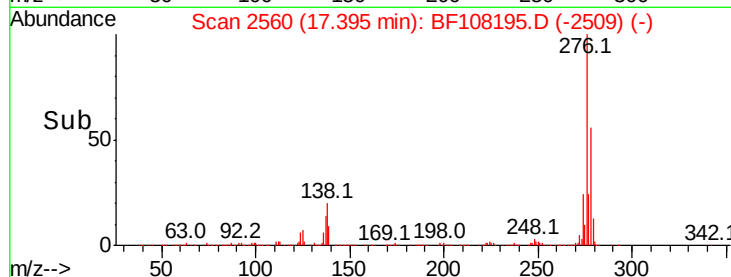
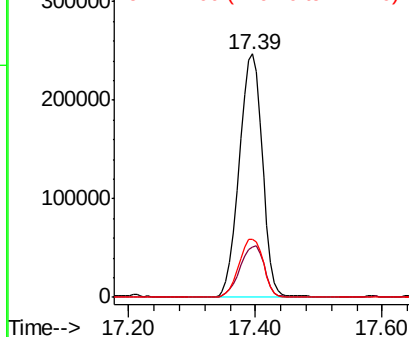
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	25.0	37.6#
277	24.8	20.1	30.1

Manual Integrations
APPROVED

Sohil
8/17/2018 3:30:35 PM



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

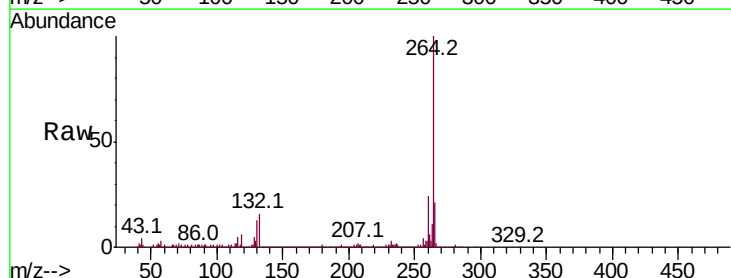
RT: 15.77 min Scan# 2284

Delta R.T. -0.01 min

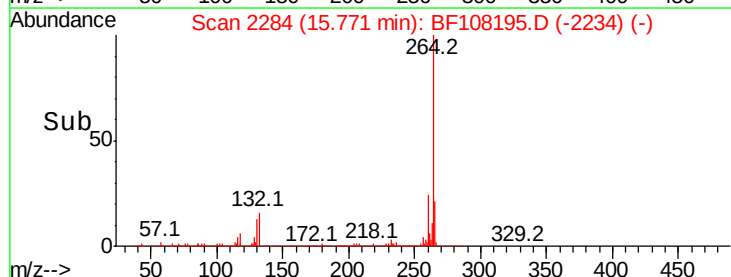
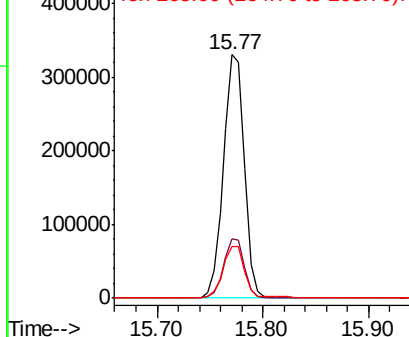
Lab File: BF108195.D

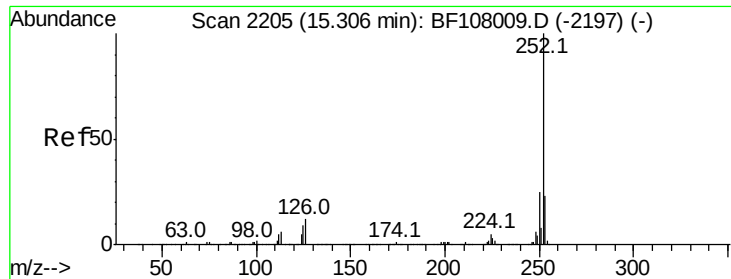
Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.3	17.5	26.3



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





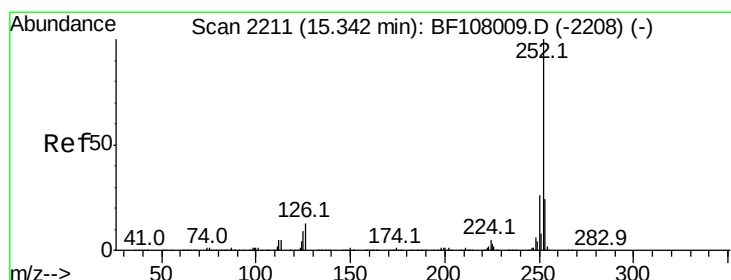
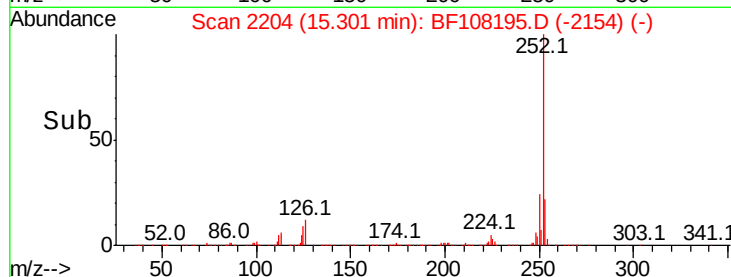
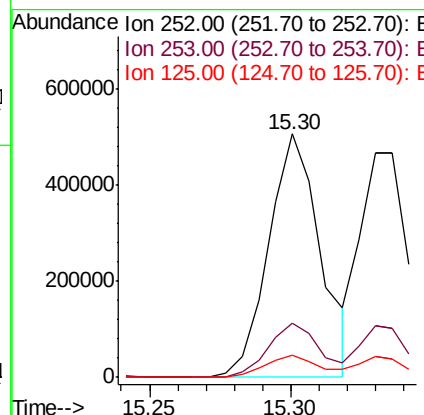
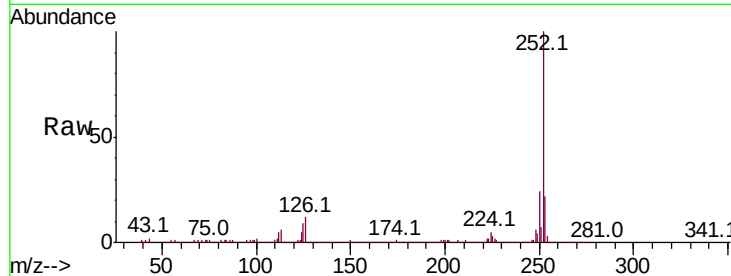
#87
Benzo(b)fluoranthene
Concen: 23.769 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	9.3	9.0	13.6

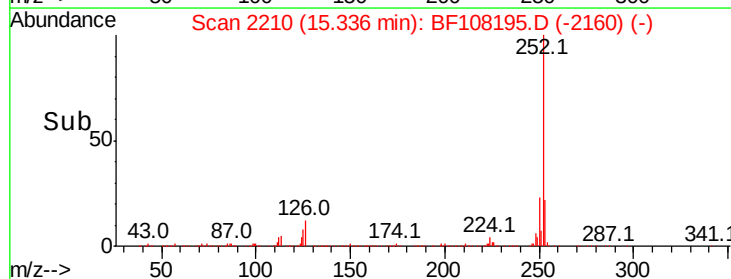
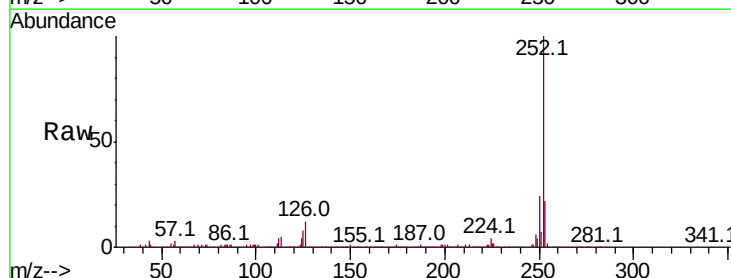
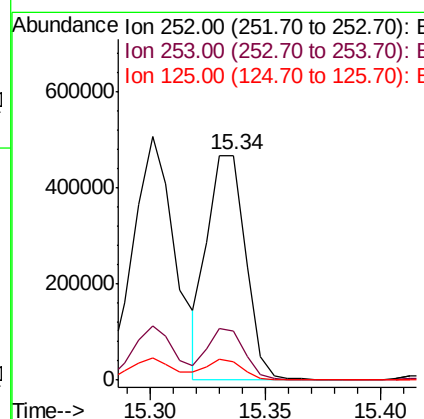
Manual Integrations
APPROVED

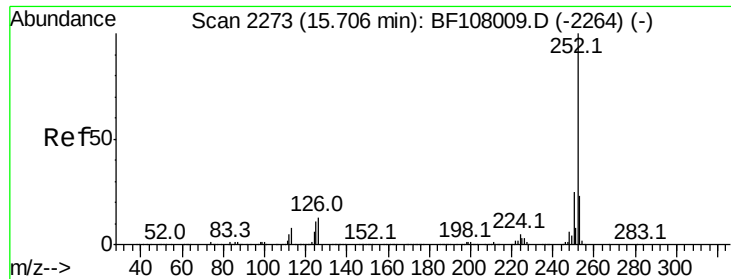
Sohil
8/17/2018 3:30:35 PM



#88
Benzo(k)fluoranthene
Concen: 21.379 ng
RT: 15.34 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	8.4	10.2	15.2#





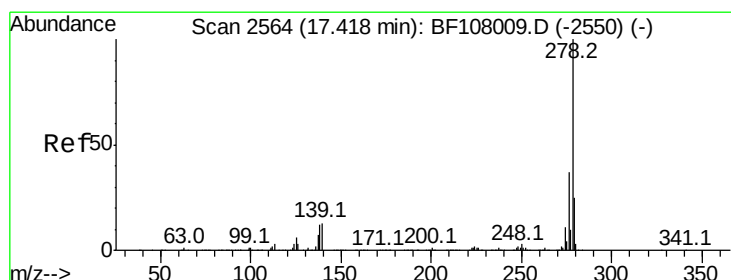
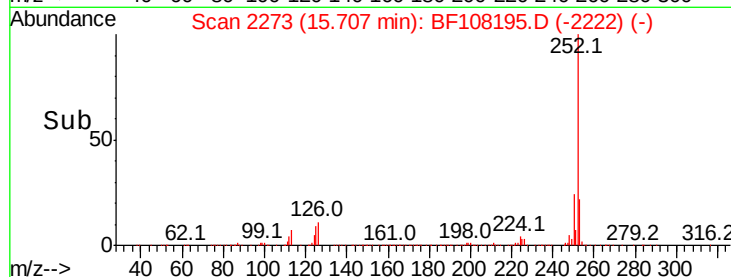
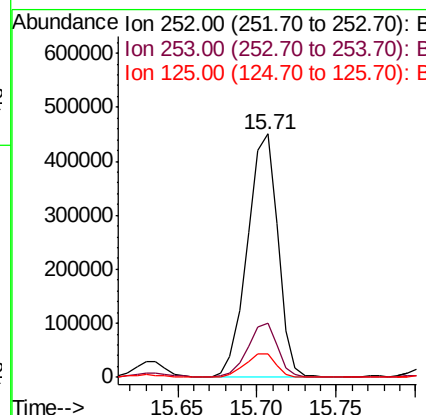
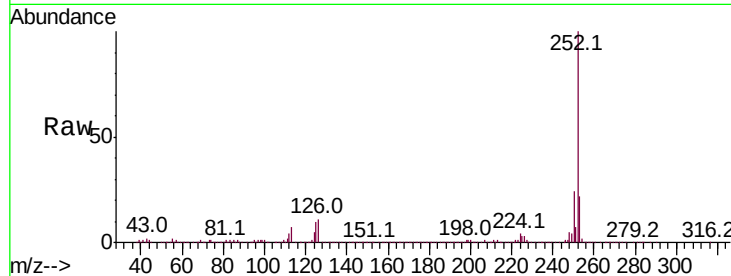
#89
Benzo(a)pyrene
Concen: 24.745 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	602110		
253	22.2	17.1	25.7	
125	9.5	9.8	14.6	

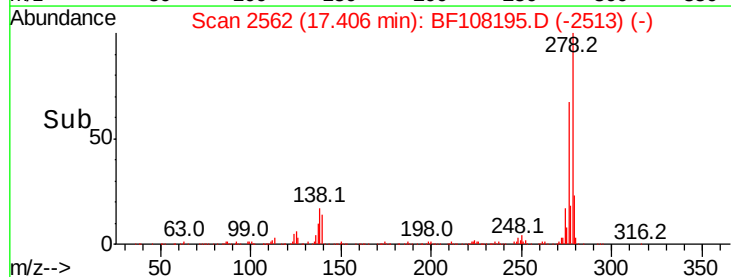
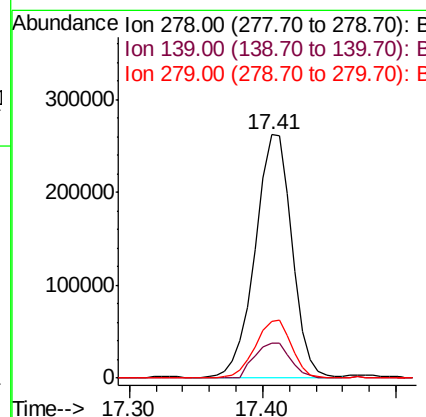
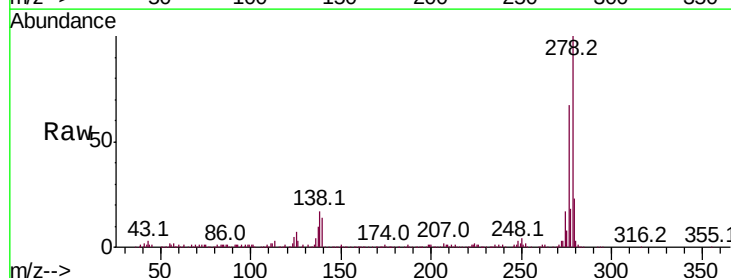
Manual Integrations
APPROVED

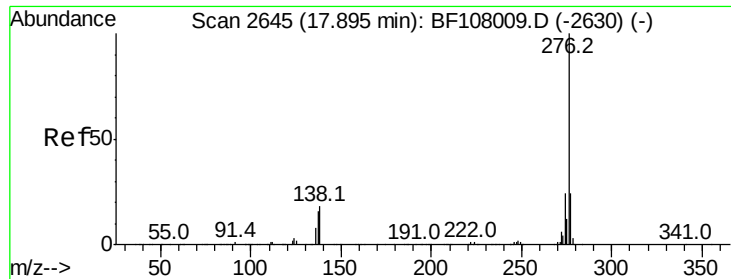
Sohil
8/17/2018 3:30:35 PM



#90
Dibenzo(a,h)anthracene
Concen: 24.777 ng
RT: 17.41 min Scan# 2562
Delta R.T. -0.01 min
Lab File: BF108195.D
Acq: 16 Aug 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	498837		
139	14.5	15.9	23.9	
279	23.4	19.0	28.4	





#91
 Benzo(a,h,i)perylene
 Concen: 24.571 ng
 RT: 17.89 min Scan# 2644
 Delta R.T. -0.01 min
 Lab File: BF108195.D
 Acq: 16 Aug 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-AMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	19.6	21.8	32.8#

Manual Integrations
 APPROVED

Sohil
 8/17/2018 3:30:35 PM

