

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
 Data File : BF111693.D
 Acq On : 21 Dec 2018 17:56
 Operator : JU/SJ
 Sample : J6447-10MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MSD

Manual Integrations
 APPROVED

Sohil
 12/26/2018 3:10:50 PM

Quant Time: Dec 22 00:02:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	175277	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	625320	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	273574	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	448597	20.00	ng	0.01
76) Chrysene-d12	14.06	240	329519	20.00	ng	0.01
87) Perylene-d12	15.55	264	252673	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	793702	77.19	ng	0.02
7) Phenol-d6	6.54	99	980897	74.95	ng	0.02
23) Nitrobenzene-d5	7.46	82	625454	58.22	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	232137	71.81	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1065805	56.79	ng	0.00
79) Terphenyl-d14	13.01	244	915132	52.67	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	99846	20.638	ng	# 95
3) Pyridine	3.52	79	257495	20.429	ng	98
4) n-Nitrosodimethylamine	3.43	42	173940	28.198	ng	82
6) Aniline	6.56	93	63716	3.820	ng	# 84
8) 2-Chlorophenol	6.69	128	301043	26.428	ng	97
9) Benzaldehyde	6.45	77	91147	10.127	ng	98
10) Phenol	6.55	94	427753	28.969	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	283240	25.598	ng	98
12) 1,3-Dichlorobenzene	6.85	146	339903	25.748	ng	99
13) 1,4-Dichlorobenzene	6.92	146	343794	25.679	ng	97
14) 1,2-Dichlorobenzene	7.07	146	319634	25.590	ng	98
15) Benzyl Alcohol	7.04	79	262619	25.268	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.17	45	482542	23.679	ng	100
17) 2-Methylphenol	7.16	107	234312	25.689	ng	96
18) Hexachloroethane	7.42	117	74310	16.471	ng	# 87
19) n-Nitroso-di-n-propylamine	7.31	70	213601	24.577	ng	97
20) 3+4-Methylphenols	7.30	107	301743	26.182	ng	# 79
22) Acetophenone	7.30	105	405319	25.585	ng	# 95
24) Nitrobenzene	7.48	77	312976	27.797	ng	96
25) Isophorone	7.72	82	545459	28.600	ng	100
26) 2-Nitrophenol	7.80	139	143080	31.333	ng	96
27) 2,4-Dimethylphenol	7.83	122	248151	27.567	ng	92
28) bis(2-Chloroethoxy)methane	7.93	93	340142	26.801	ng	97
29) 2,4-Dichlorophenol	8.04	162	243167	25.115	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	275983	25.579	ng	96
31) Naphthalene	8.20	128	839154	27.929	ng	97
32) Benzoic acid	7.93	122	137828	23.157	ng	89
33) 4-Chloroaniline	8.25	127	42750	3.292	ng	98
34) Hexachlorobutadiene	8.33	225	166967	25.391	ng	97
35) Caprolactam	8.61	113	65603	19.996	ng	89
36) 4-Chloro-3-methylphenol	8.73	107	224958	23.636	ng	98
37) 2-Methylnaphthalene	8.90	142	543660	27.812	ng	99
38) 1-Methylnaphthalene	9.00	142	503810	26.835	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	259283	28.843	ng	# 96

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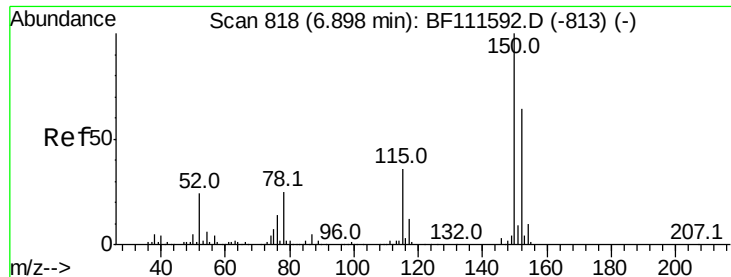
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	28568	6.549	nq	97
43) 2,4,6-Trichlorophenol	9.17	196	162962	27.152	nq	99
44) 2,4,5-Trichlorophenol	9.22	196	165048	26.805	nq	96
46) 1,1'-Biphenyl	9.36	154	671432	29.074	nq	93
47) 2-Chloronaphthalene	9.39	162	490425	26.804	nq	93
48) 2-Nitroaniline	9.47	65	149403	31.387	nq	98
49) Acenaphthylene	9.80	152	734452	27.492	nq	96
50) Dimethylphthalate	9.66	163	646772	32.329	nq	98
51) 2,6-Dinitrotoluene	9.72	165	113390	28.425	nq	97
52) Acenaphthene	9.97	154	433975	26.339	nq	97
53) 3-Nitroaniline	9.88	138	58892	13.843	nq	99
54) 2,4-Dinitrophenol	9.98	184	15879	18.578	nq #	1
55) Dibenzofuran	10.15	168	644791	25.903	nq	94
56) 4-Nitrophenol	10.05	139	167127	51.475	nq	91
57) 2,4-Dinitrotoluene	10.12	165	140012	29.203	nq #	95
58) Fluorene	10.49	166	488159	27.215	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	135938	26.234	nq #	88
60) Diethylphthalate	10.36	149	529658	26.990	nq	99
61) 4-Chlorophenyl-phenylether	10.48	204	248095	25.034	nq	89
62) 4-Nitroaniline	10.49	138	79994	19.346	nq	95
63) Azobenzene	10.64	77	457280	23.211	nq	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	14052	13.215	nq	88
66) n-Nitrosodiphenylamine	10.59	169	415667	27.603	nq	97
67) 4-Bromophenyl-phenylether	10.97	248	145232	26.102	nq	91
68) Hexachlorobenzene	11.04	284	166952	26.911	nq #	93
69) Atrazine	11.12	200	142165	27.175	nq	96
70) Pentachlorophenol	11.23	266	165055	43.036	nq	94
71) Phenanthrene	11.45	178	676113	28.419	nq	93
72) Anthracene	11.50	178	670071	28.060	nq	94
73) Carbazole	11.65	167	579715	25.005	nq	95
74) Di-n-butylphthalate	11.99	149	722717	27.803	nq	96
75) Fluoranthene	12.64	202	667319	27.699	nq	93
77) Benzidine	12.73	184	27173	2.191	nq #	69
78) Pyrene	12.87	202	664493	28.556	nq	95
80) Butylbenzylphthalate	13.49	149	268808	28.339	nq #	87
81) Benzo(a)anthracene	14.06	228	519607	27.631	nq	98
82) 3,3'-Dichlorobenzidine	14.01	252	11041	1.486	nq #	92
83) Chrysene	14.09	228	473947	25.642	nq	96
84) Bis(2-ethylhexyl)phthalate	14.04	149	365378	30.581	nq #	99
85) Di-n-octyl phthalate	14.66	149	553555	29.903	nq	99
86) Indeno(1,2,3-cd)pyrene	17.04	276	382823	24.364	nq #	87
88) Benzo(b)fluoranthene	15.12	252	404613	27.399	nq #	97
89) Benzo(k)fluoranthene	15.14	252	389770m	27.724	nq	
90) Benzo(a)pyrene	15.49	252	365361	27.233	nq #	95
91) Dibenzo(a,h)anthracene	17.06	278	316011	26.899	nq #	93
92) Benzo(g,h,i)perylene	17.49	276	298992	26.063	nq #	85

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



#1

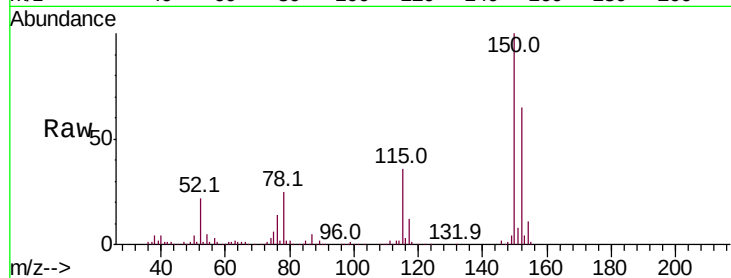
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.6	189.8
115	56.0	50.7	76.1

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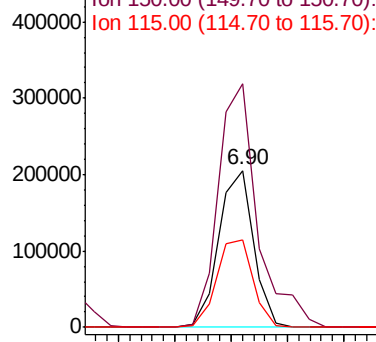


Abundance

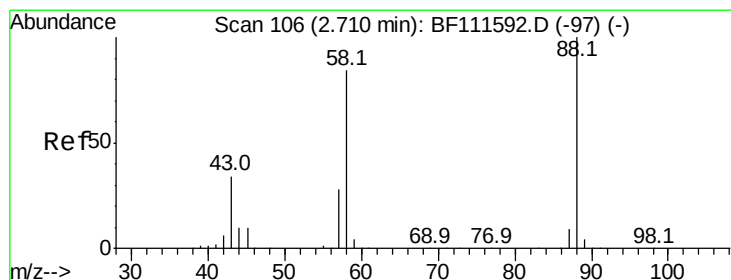
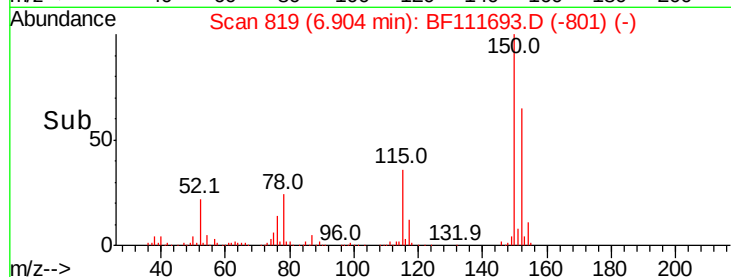
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



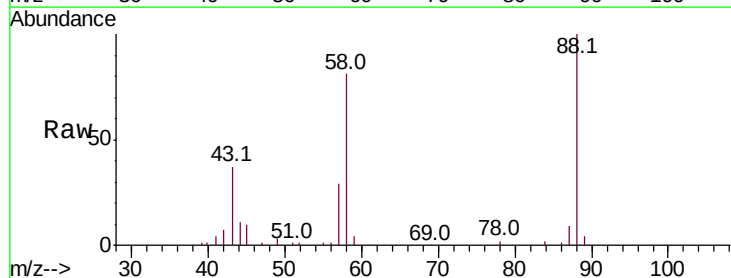
Time-->



#2

1,4-Dioxane
Concen: 20.638 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.02 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.9	68.9	103.3
43	38.7	25.8	38.6#

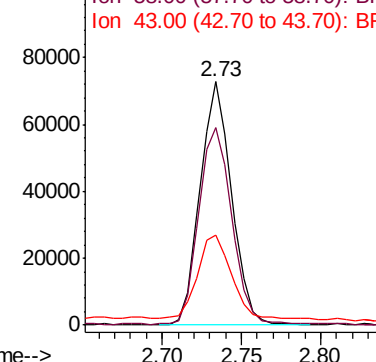


Abundance

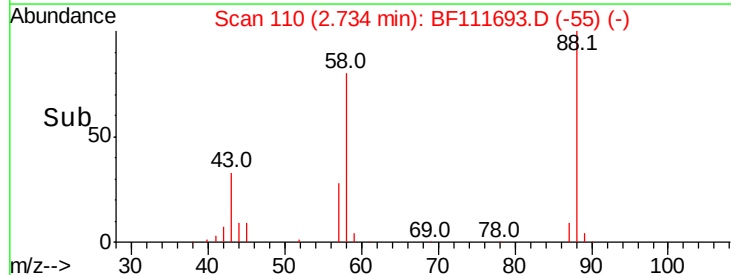
Ion 88.00 (87.70 to 88.70): BF1

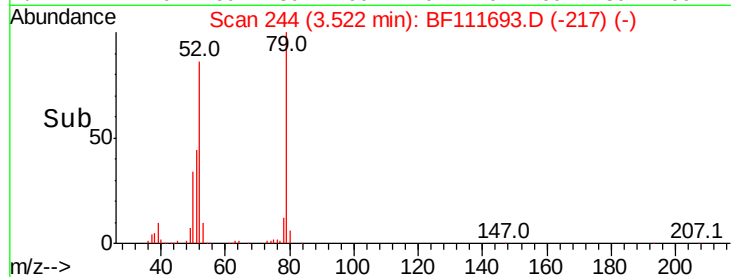
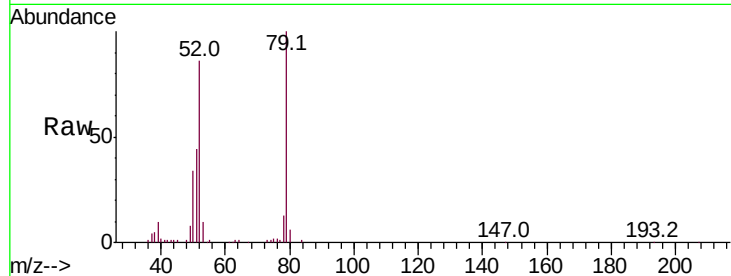
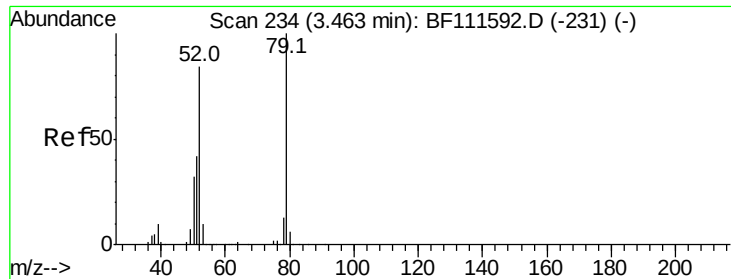
Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1



Time-->





#3

Pvridine

Concen: 20.429 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.06 min

Lab File: BF111693.D

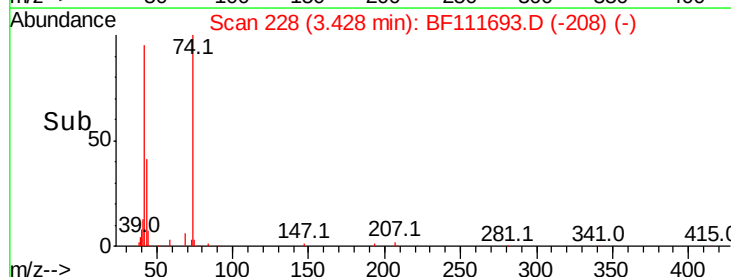
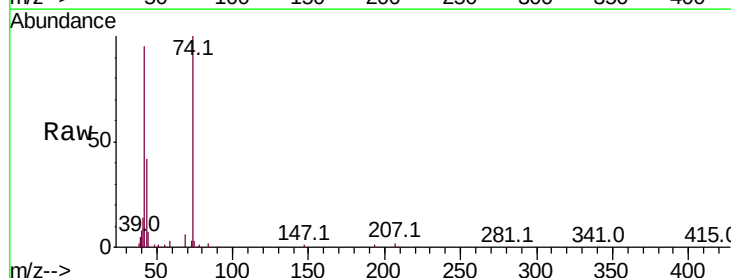
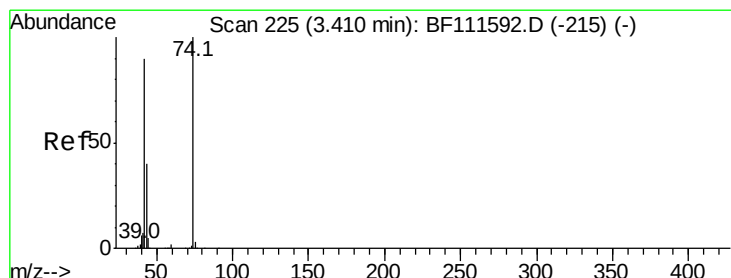
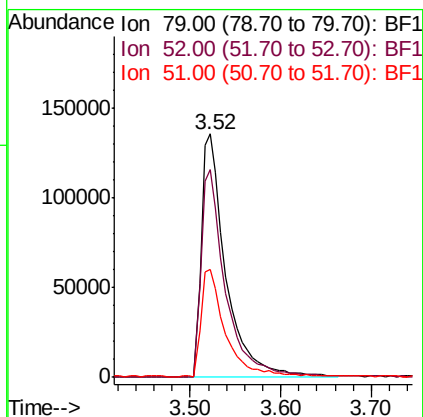
Acq: 21 Dec 2018 17:56

Tot Ion	Ratio	Lower	Upper
79	100		
52	85.6	68.3	102.5
51	44.1	32.6	49.0

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#4

n-Nitrosodimethylamine

Concen: 28.198 ng

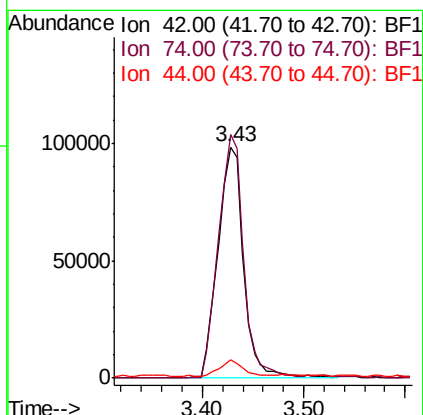
RT: 3.43 min Scan# 228

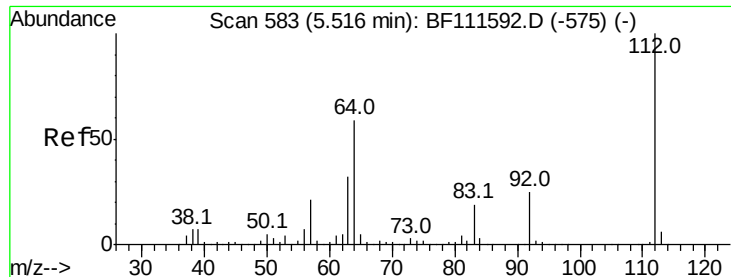
Delta R.T. 0.02 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	105.3	101.5	152.3
44	7.8	6.0	9.0





#5

2-Fluorophenol

Concen: 77.186 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Instrument :

BNA_F

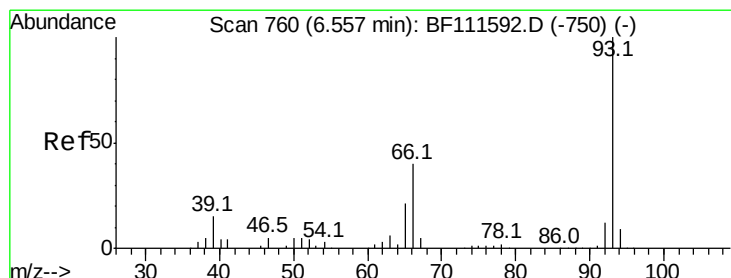
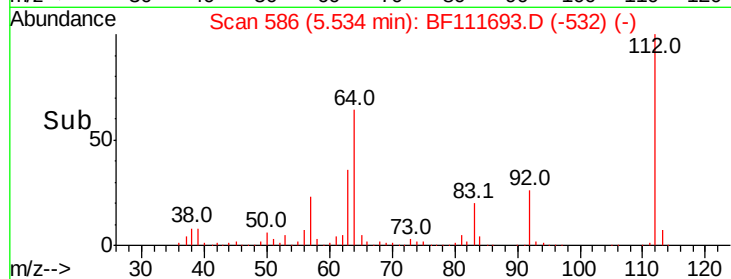
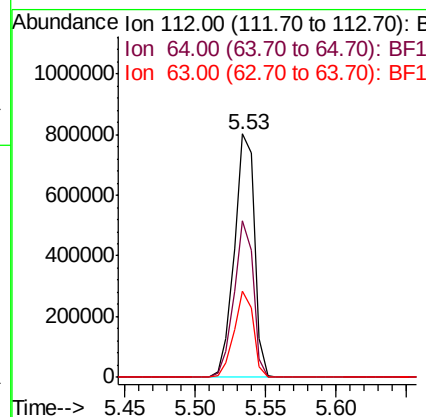
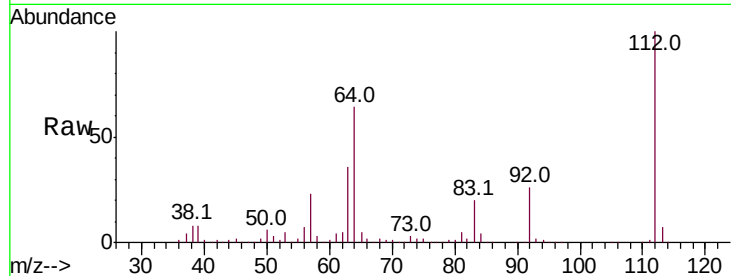
ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion:	112	Resp:	793702
Ion Ratio	Lower	Upper	
112	100		
64	64.4	51.8	77.6
63	35.6	26.8	40.2

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#6

Aniline

Concen: 3.820 ng

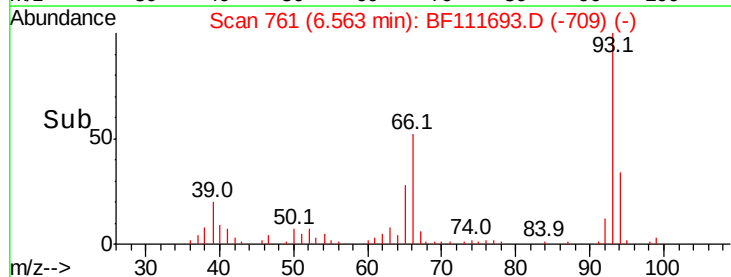
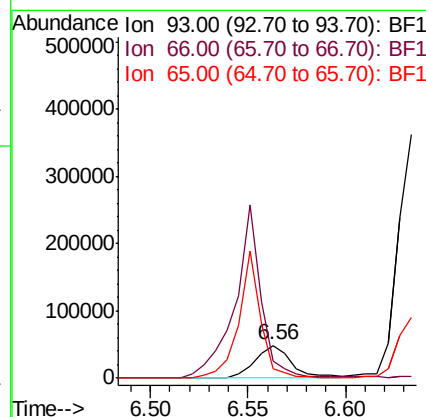
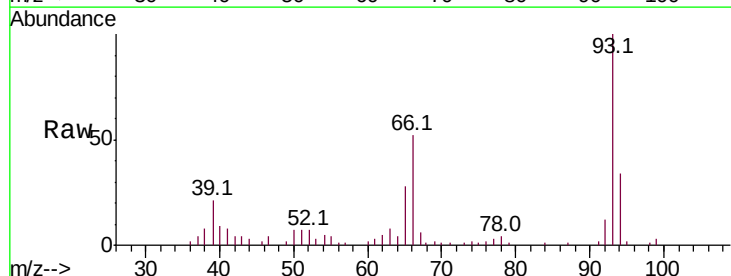
RT: 6.56 min Scan# 761

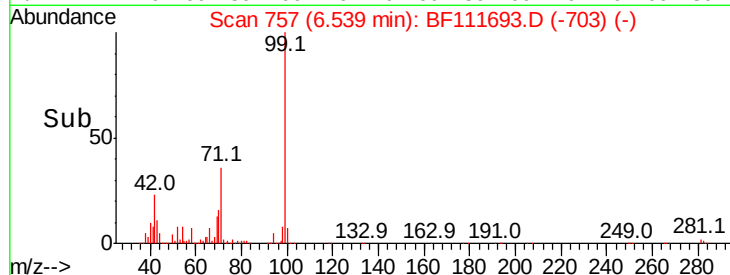
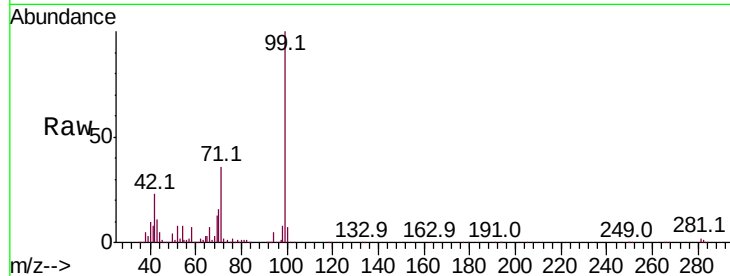
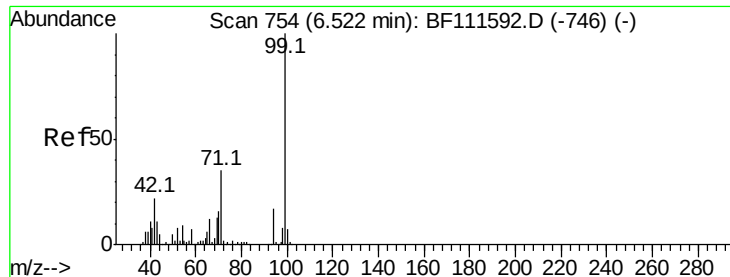
Delta R.T. 0.01 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Tgt Ion:	93	Resp:	63716
Ion Ratio	Lower	Upper	
93	100		
66	51.9	33.2	49.8#
65	28.3	17.0	25.4#





#7

Phenol-d6

Concen: 74.954 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Tot Ion:	99	Resp:	980897
Ion Ratio	Lower	Upper	
99	100		
42	22.7	17.4	26.0
71	35.8	26.1	39.1

Instrument :

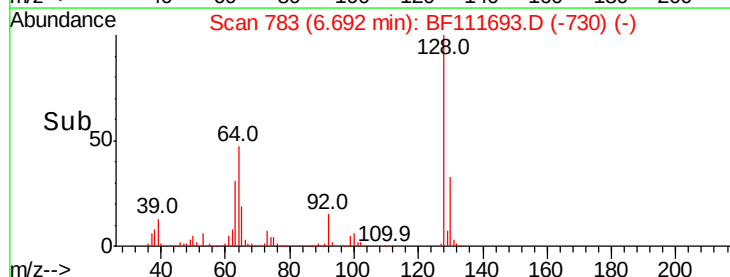
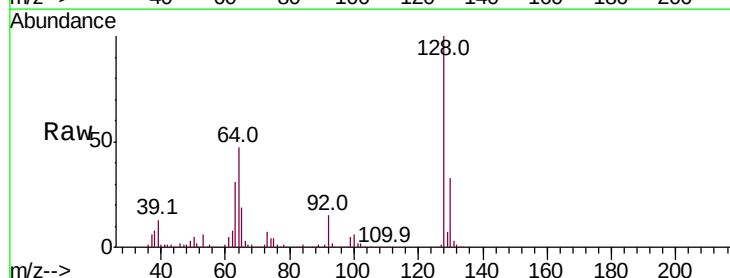
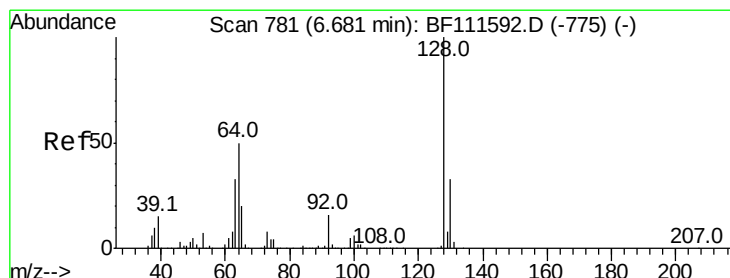
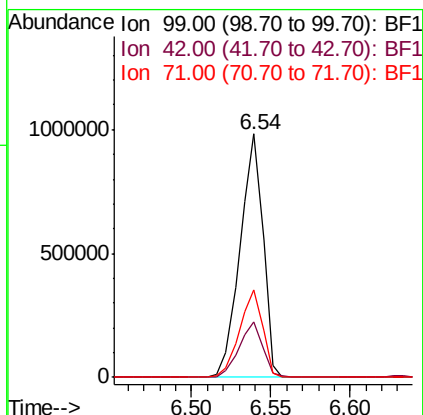
BNA_F

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#8

2-Chlorophenol

Concen: 26.428 ng

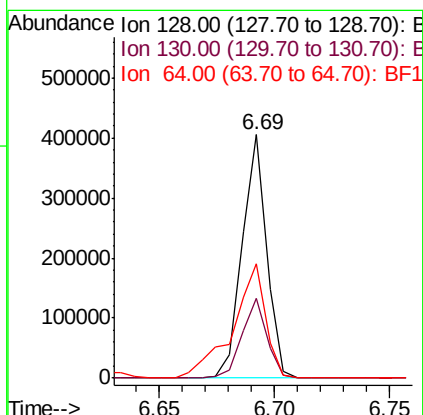
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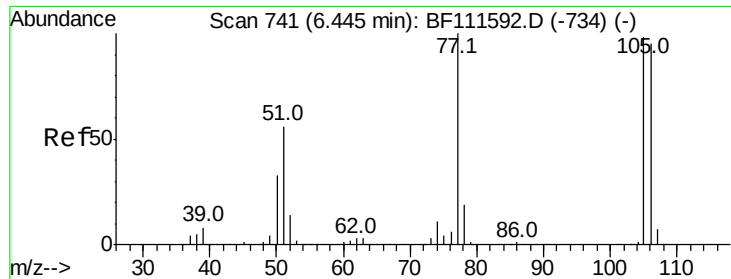
Delta R.T. 0.01 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Tgt Ion:	128	Resp:	301043
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.7	52.7
64	47.1	30.0	70.0





#9

Benzaldehyde

Concen: 10.127 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Instrument :

BNA_F

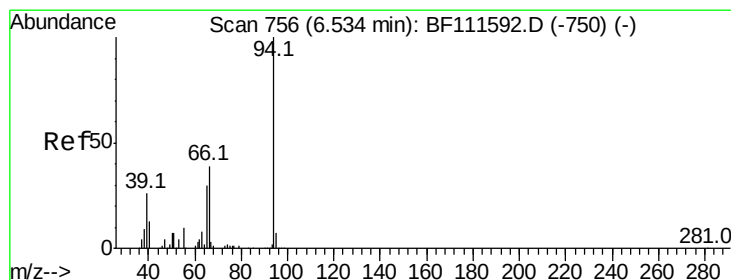
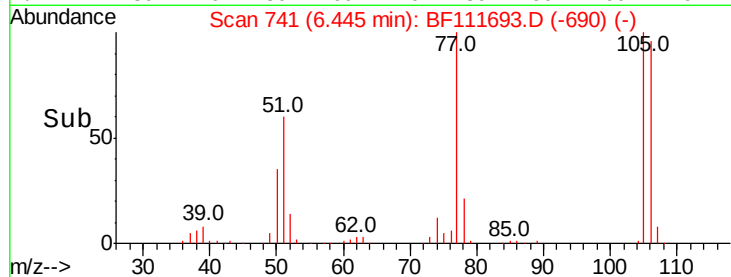
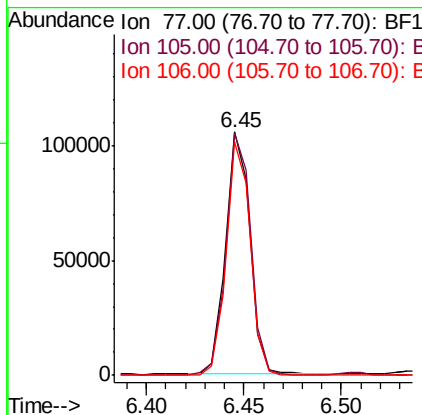
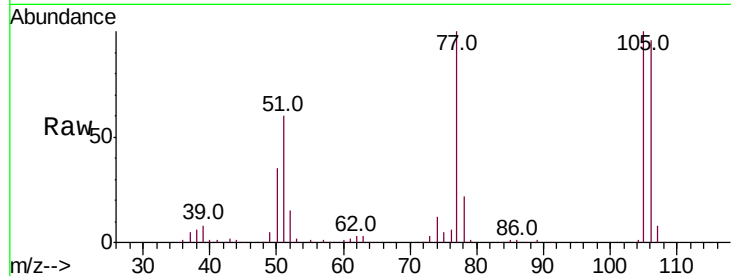
ClientSampleId :

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Tot Ion:	77	Resp:	91147
Ion Ratio	Lower	Upper	
77	100		
105	99.7	81.4	121.4
106	96.0	77.9	117.9

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#10

Phenol

Concen: 28.969 ng

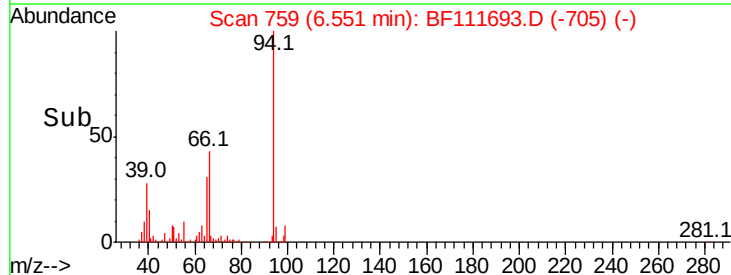
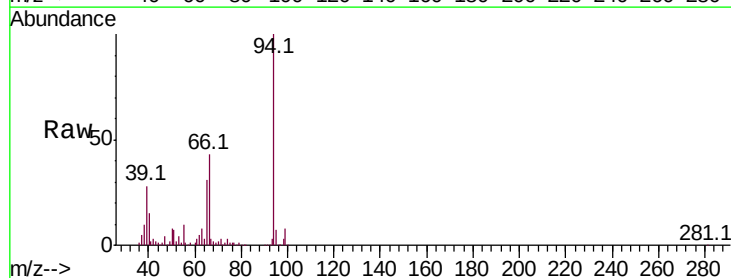
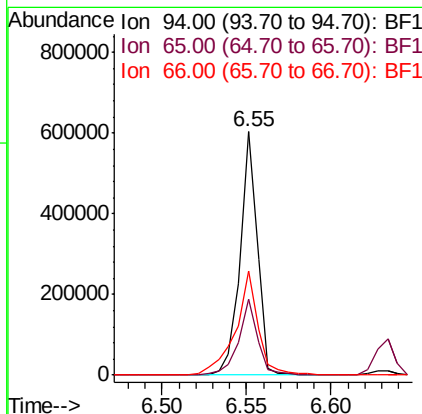
RT: 6.55 min Scan# 759

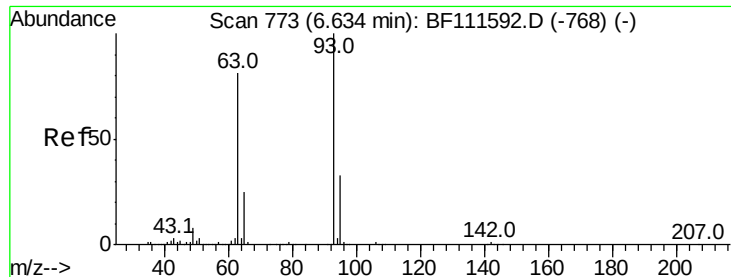
Delta R.T. 0.02 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Tgt Ion:	94	Resp:	427753
Ion Ratio	Lower	Upper	
94	100		
65	31.3	11.7	51.7
66	42.5	21.0	61.0





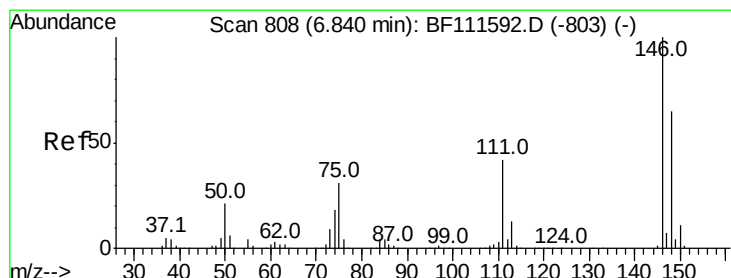
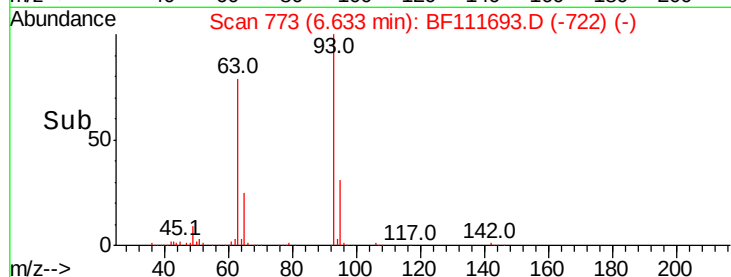
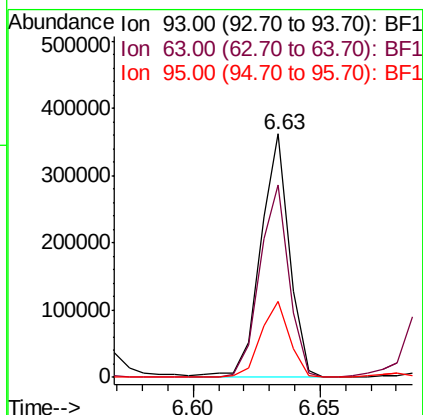
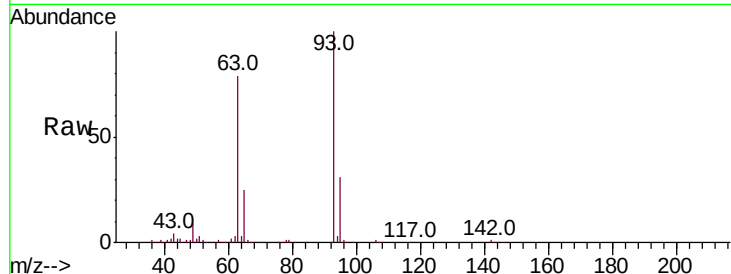
#11
bis(2-Chloroethyl)ether
Concen: 25.598 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.1	60.0	100.0
95	31.4	13.4	53.4

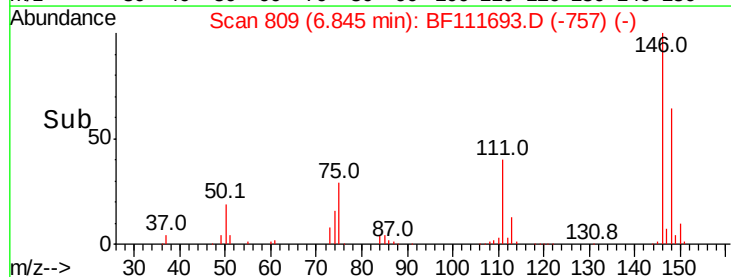
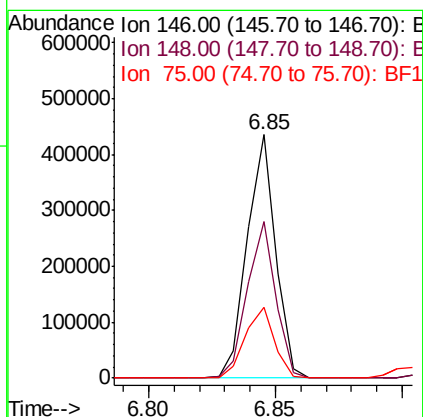
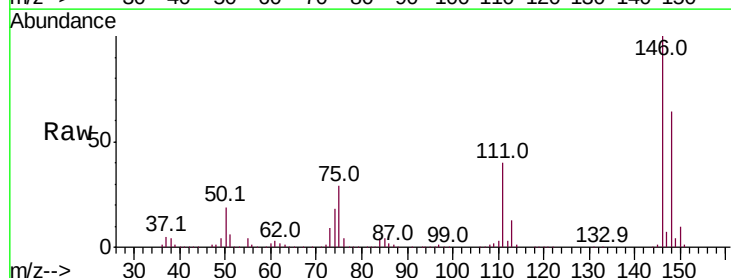
Manual Integrations
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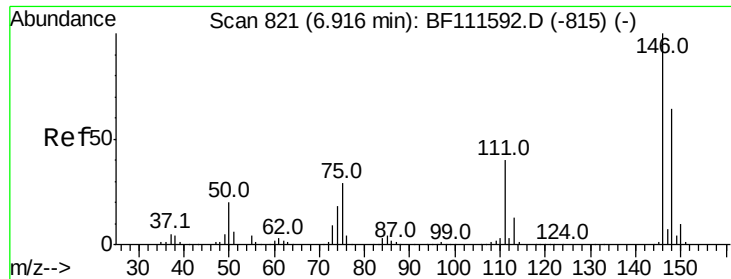
Sohil
12/26/2018 3:10:50 PM



#12
1,3-Dichlorobenzene
Concen: 25.748 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.1	78.1
75	29.0	23.9	35.9





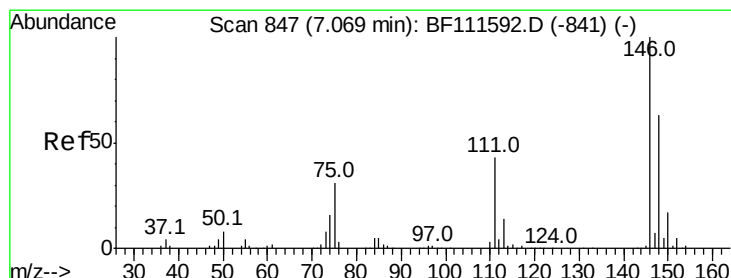
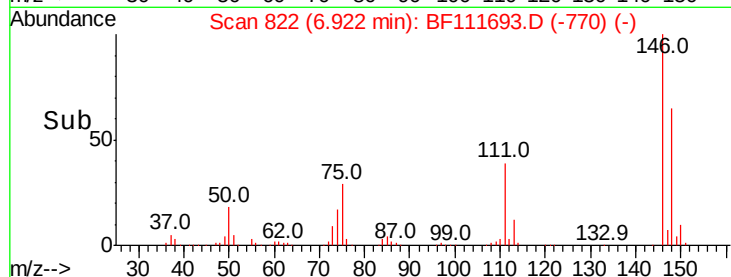
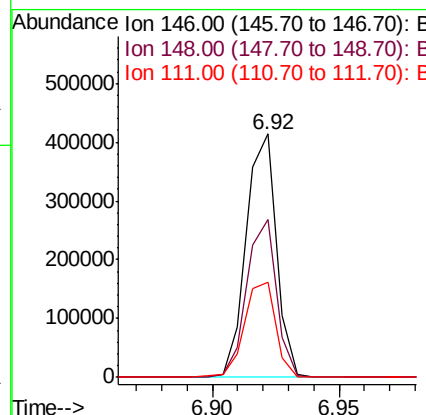
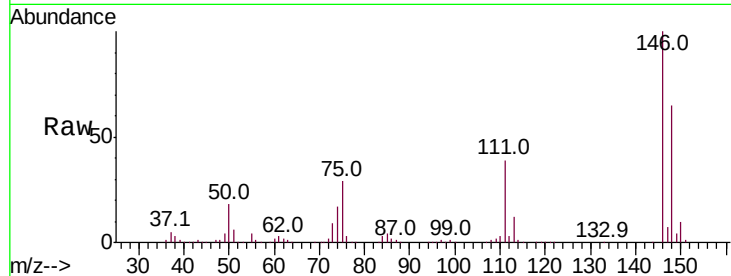
#13
 1,4-Dichlorobenzene
 Concen: 25.679 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111693.D
 Acq: 21 Dec 2018 17:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.8	79.2
111	38.8	33.4	50.0

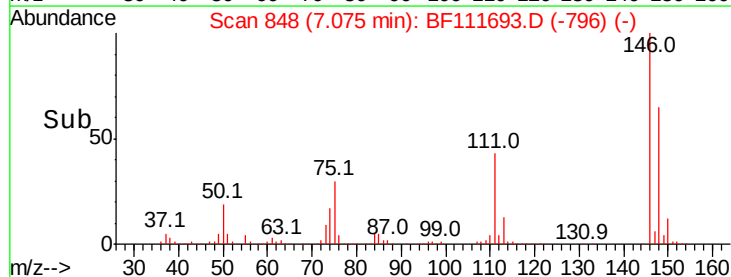
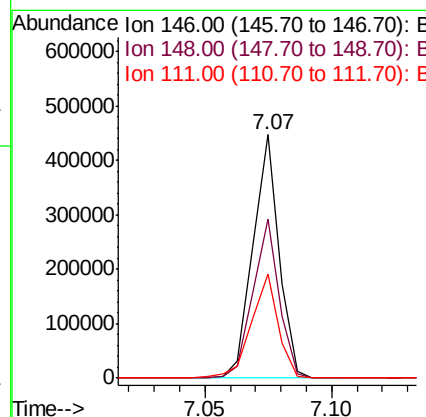
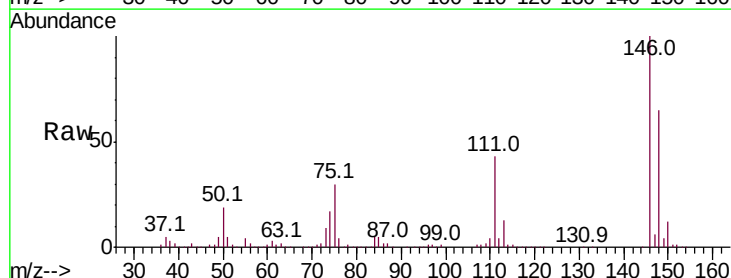
Manual Integrations
 APPROVED

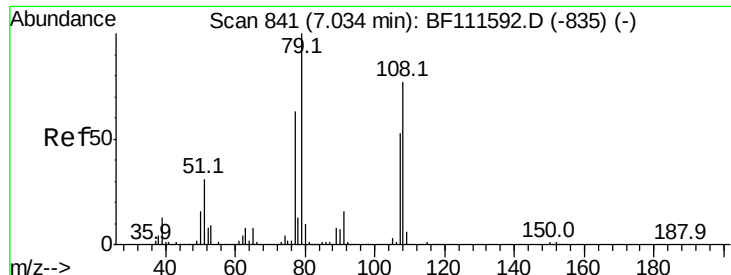
Sohil
 12/26/2018 3:10:50 PM



#14
 1,2-Dichlorobenzene
 Concen: 25.590 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF111693.D
 Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.9	77.9
111	42.9	36.2	54.4





#15

Benzyl Alcohol

Concen: 25.268 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Instrument :

BNA_F

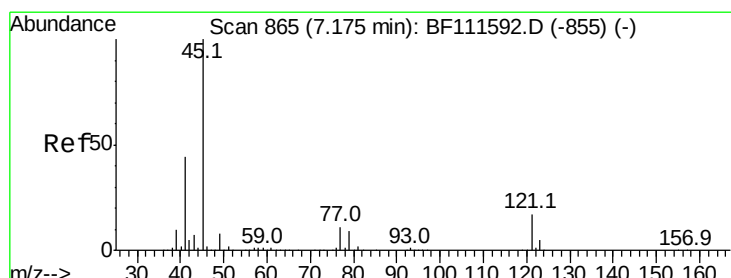
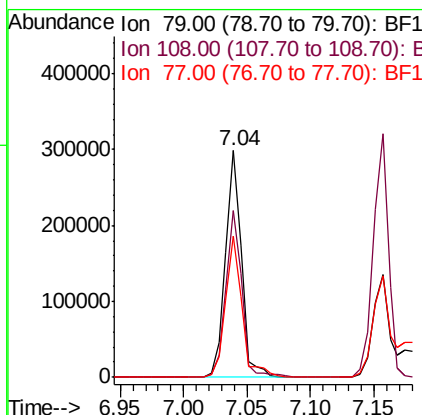
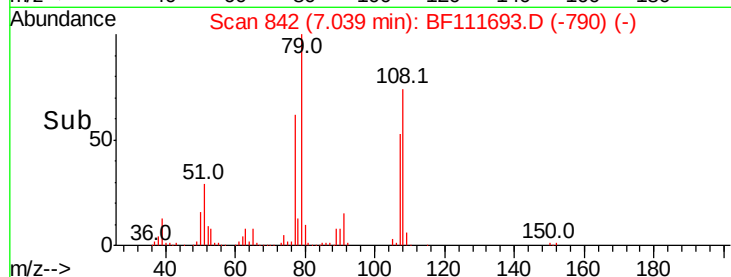
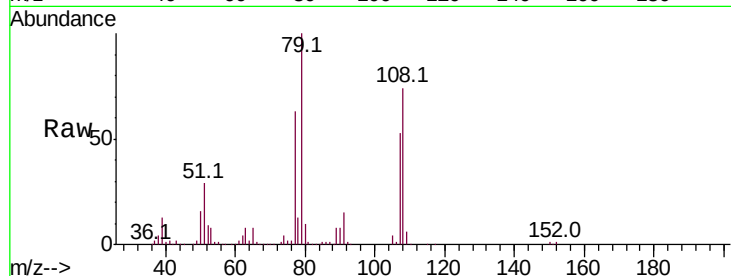
ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion:	79	Resp:	262619
Ion Ratio	Lower	Upper	
79	100		
108	73.6	69.4	104.2
77	62.6	49.7	74.5

Manual Integrations
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12/26/2018 3:10:50 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.679 ng

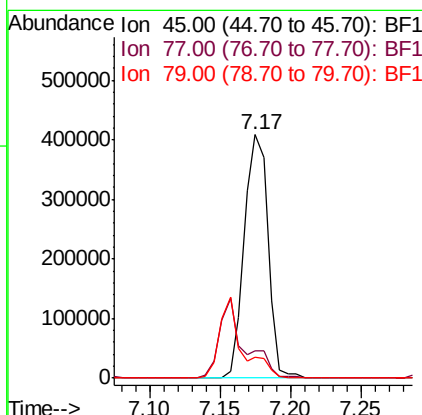
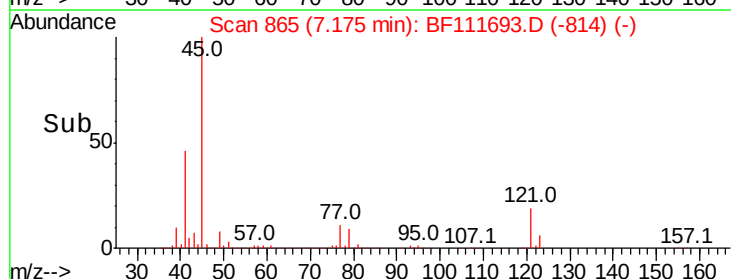
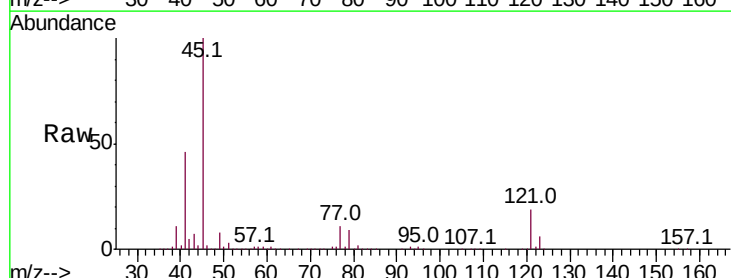
RT: 7.17 min Scan# 865

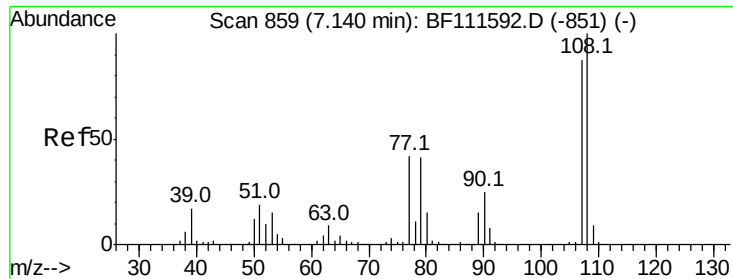
Delta R.T. -0.00 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Tgt Ion:	45	Resp:	482542
Ion Ratio	Lower	Upper	
45	100		
77	11.5	0.0	31.5
79	8.8	0.0	28.9





#17

2-Methylphenol

Concen: 25.689 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.02 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Instrument :

BNA_F

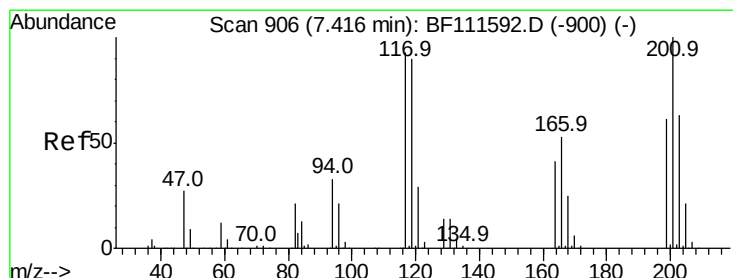
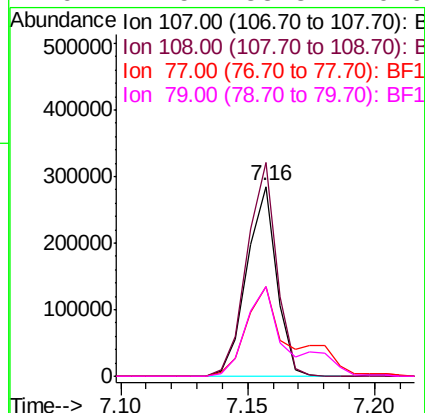
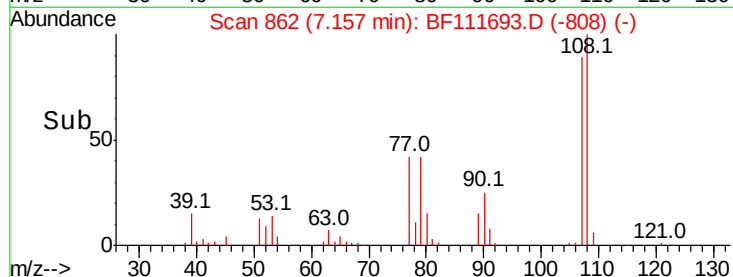
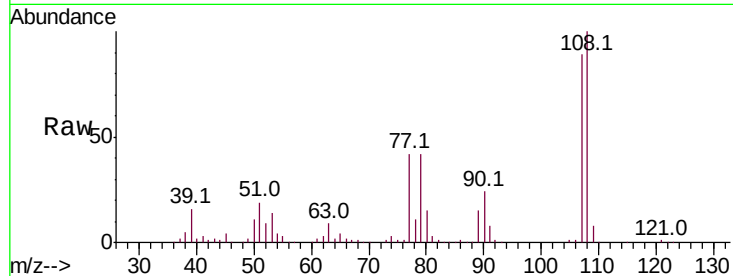
ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	91.0	136.4	
77	47.0	33.5	50.3	
79	47.5	33.3	49.9	

Manual Integrations
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#18

Hexachloroethane

Concen: 16.471 ng

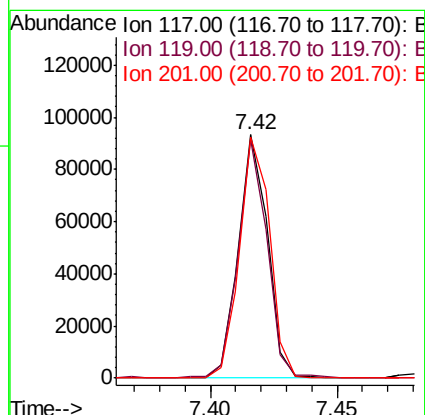
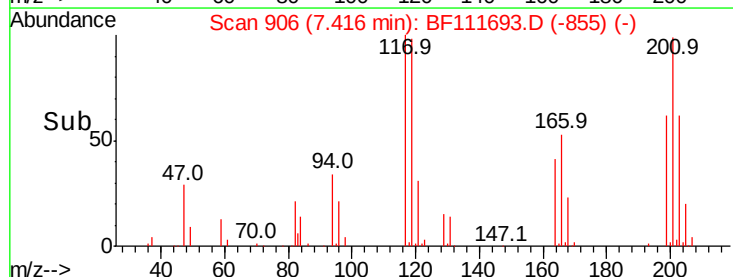
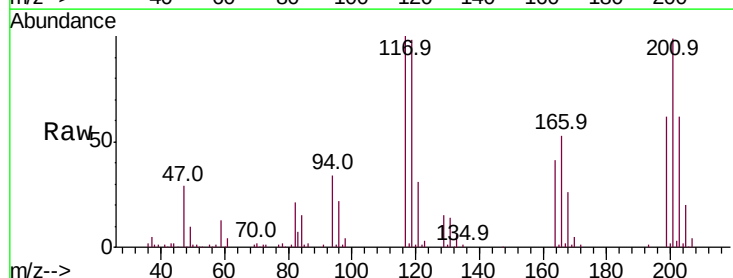
RT: 7.42 min Scan# 906

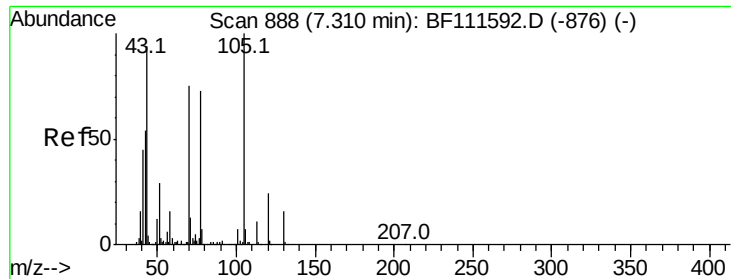
Delta R.T. -0.00 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.2	75.4	113.0	
201	99.1	62.4	93.6#	





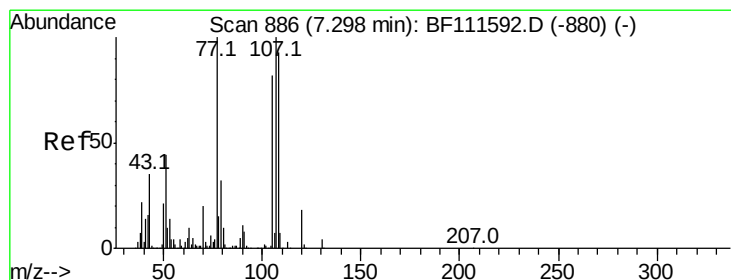
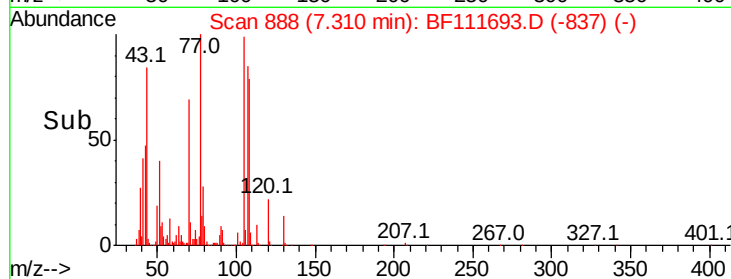
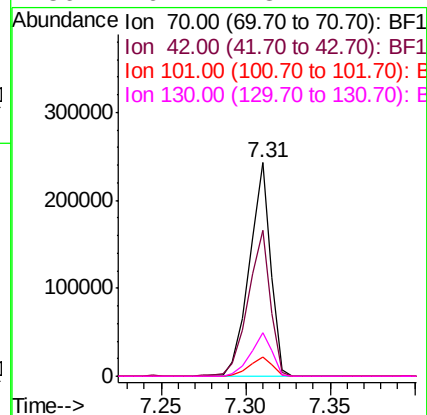
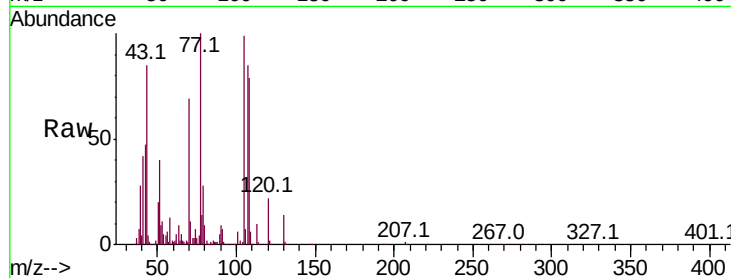
#19
n-Nitroso-di-n-propylamine
Concen: 24.577 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.3	53.2	79.8
101	9.1	8.2	12.4
130	20.7	18.1	27.1

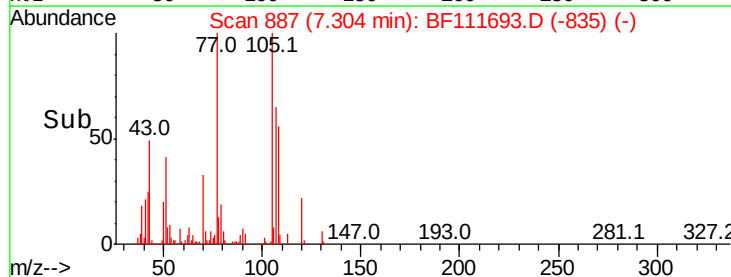
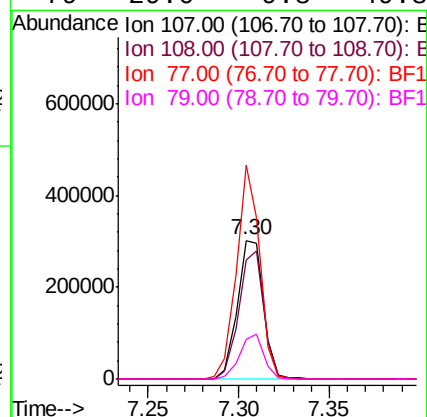
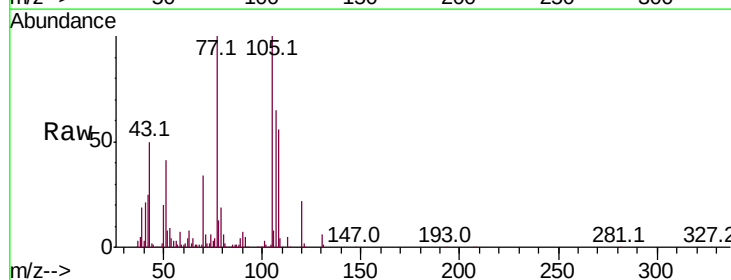
Manual Integrations
APPROVED

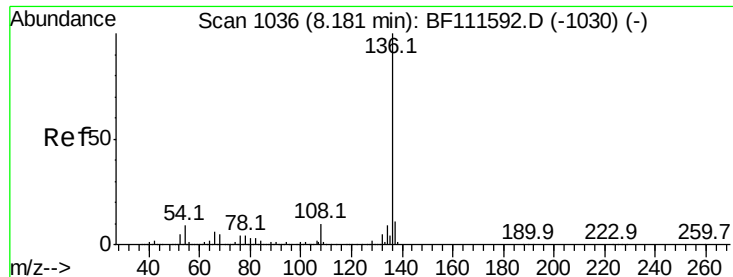
Sohil
12/26/2018 3:10:50 PM



#20
3+4-Methylphenols
Concen: 26.182 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	72.1	112.1
77	153.9	94.1	134.1#
79	29.0	9.8	49.8





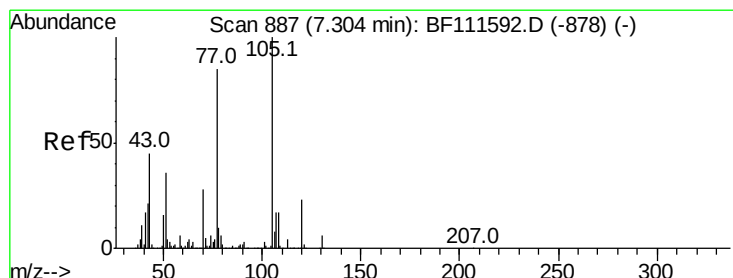
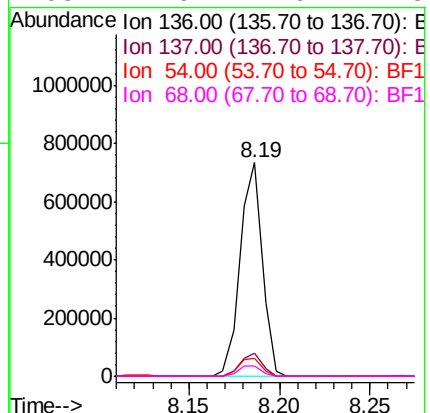
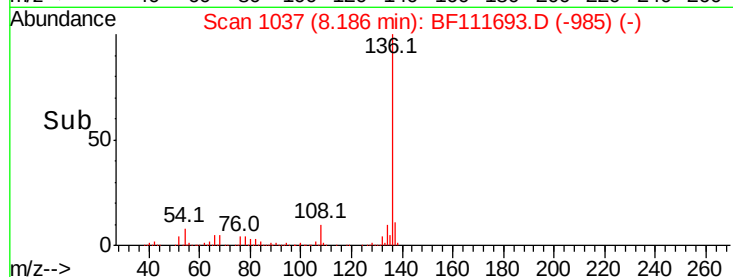
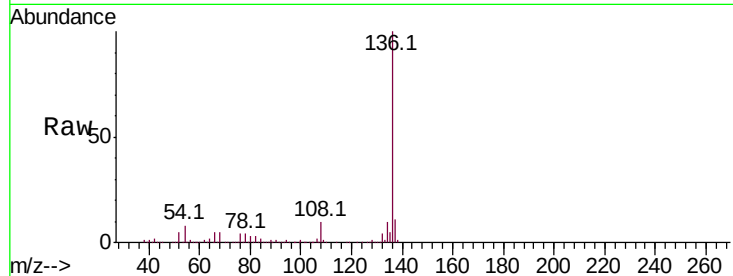
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.4	7.7	11.5
68	4.9	4.9	7.3

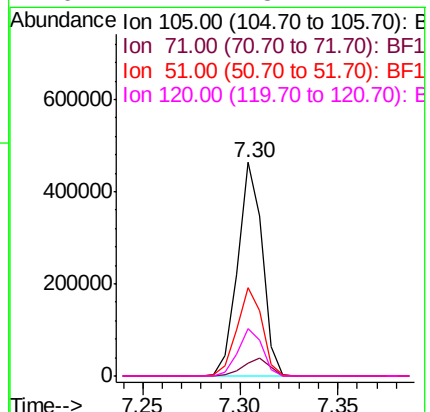
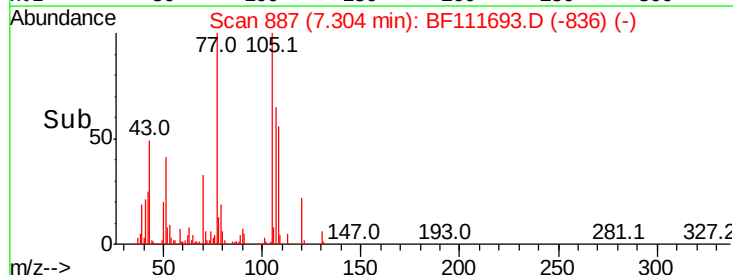
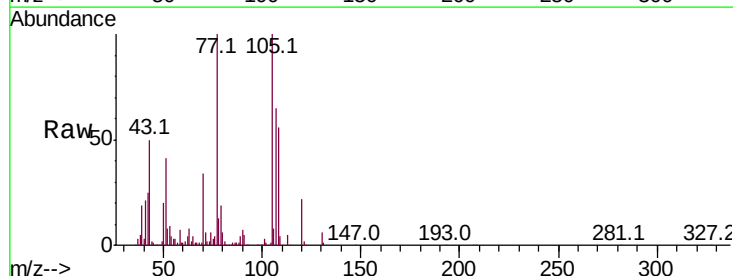
Manual Integrations
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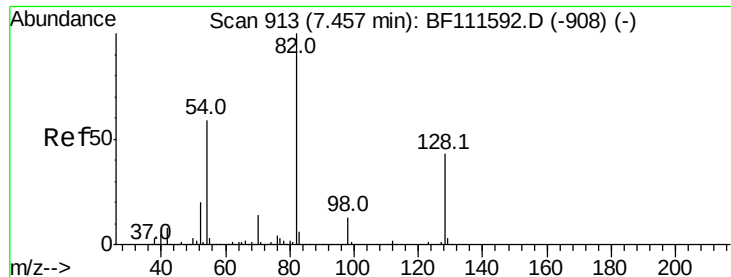
Sohil
12/26/2018 3:10:50 PM



#22
Acetophenone
Concen: 25.585 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.9	3.1	4.7#
51	41.3	36.6	54.8
120	22.2	18.2	27.4





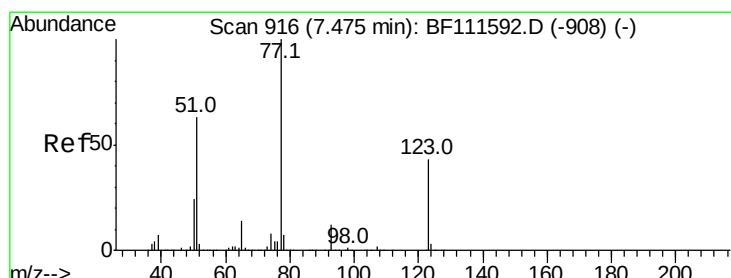
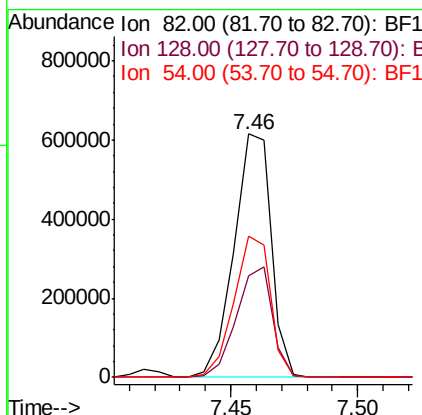
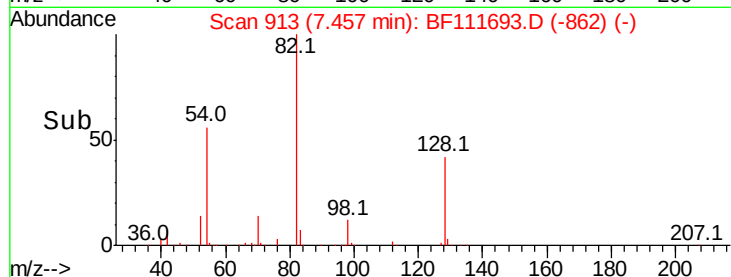
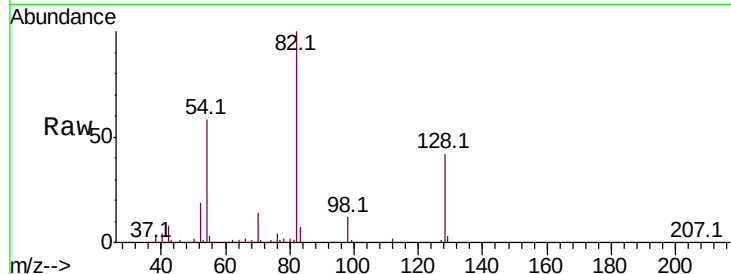
#23
Nitrobenzene-d5
Concen: 58.220 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	37.4	56.2
54	57.9	47.6	71.4

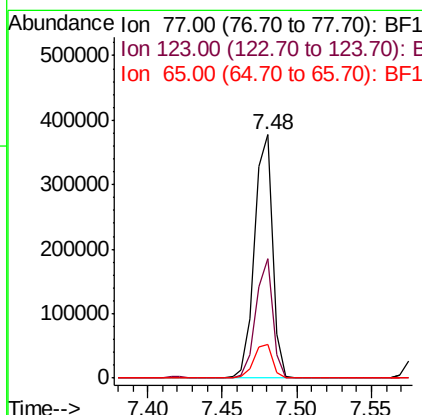
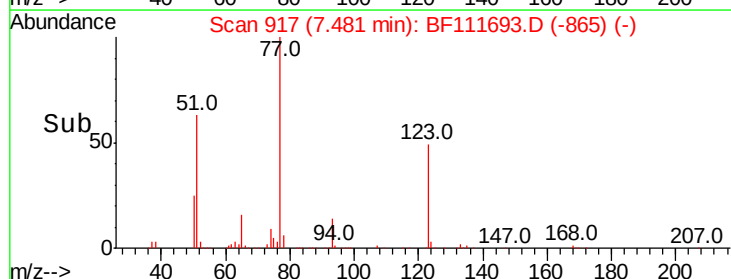
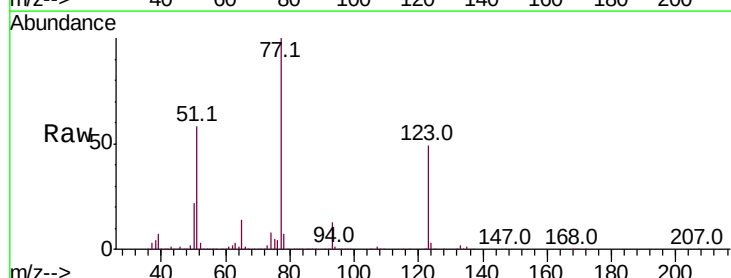
Manual Integrations
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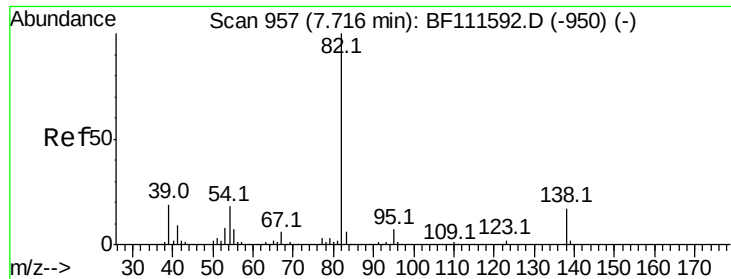
Sohil
12/26/2018 3:10:50 PM



#24
Nitrobenzene
Concen: 27.797 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	37.2	55.8
65	13.8	11.5	17.3





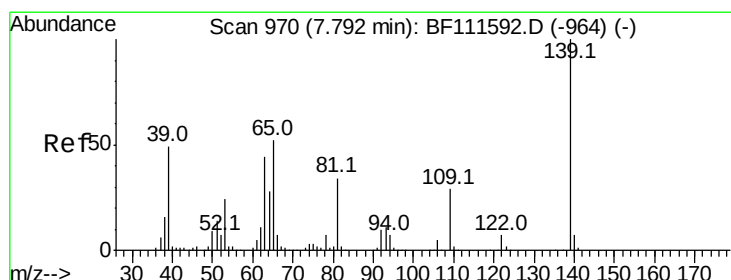
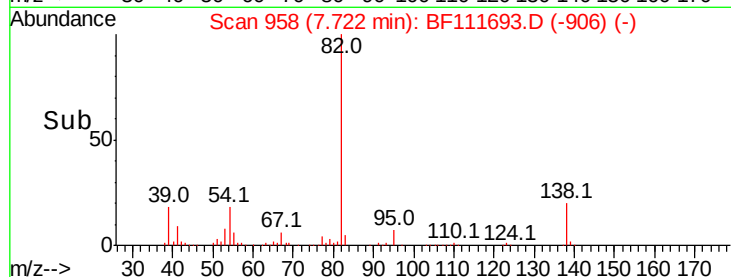
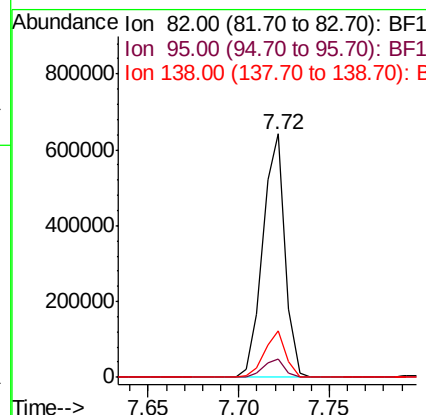
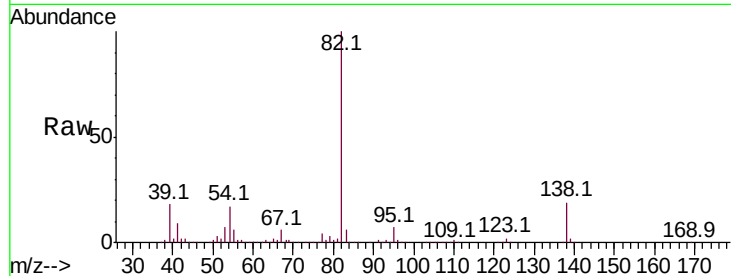
#25
Isophorone
Concen: 28.600 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.4	5.4	8.2	
138	18.9	15.1	22.7	

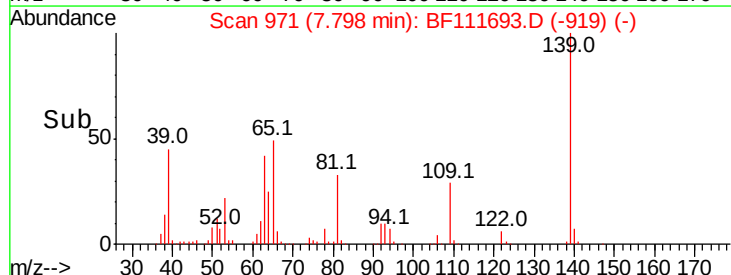
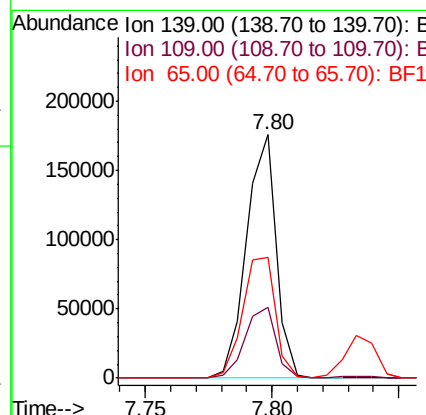
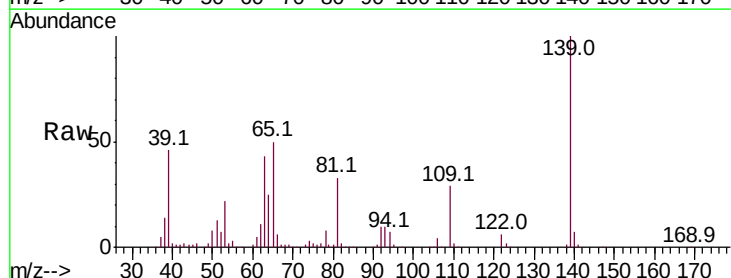
Manual Integrations
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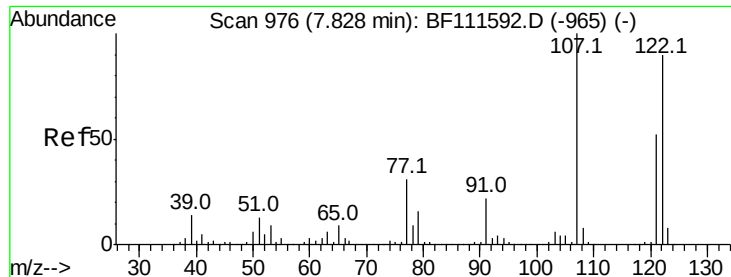
Sohil
12/26/2018 3:10:50 PM



#26
2-Nitrophenol
Concen: 31.333 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	29.2	20.2	30.4	
65	49.7	40.7	61.1	





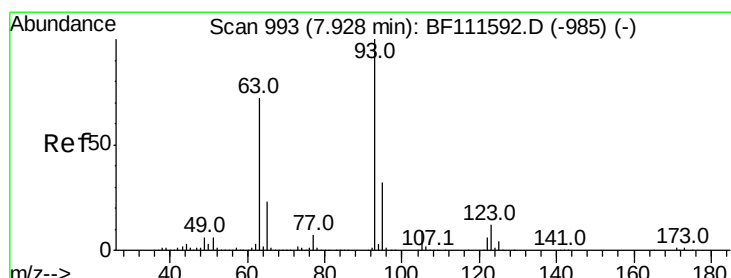
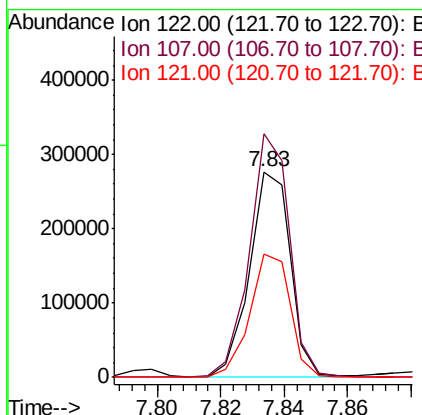
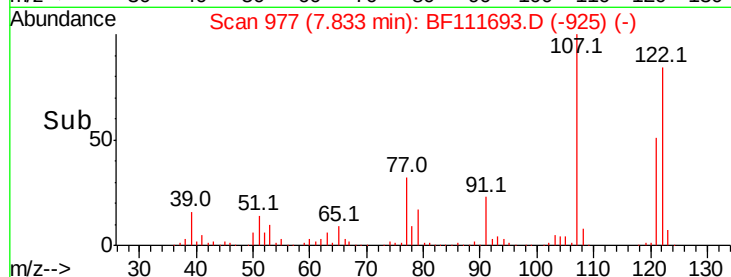
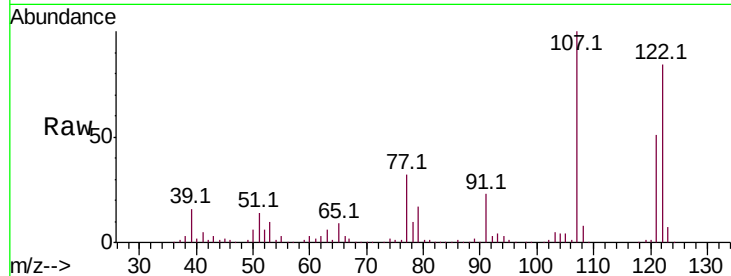
#27
2,4-Dimethylphenol
Concen: 27.567 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		248151		
107	118.6	85.5	128.3		
121	60.3	46.6	70.0		

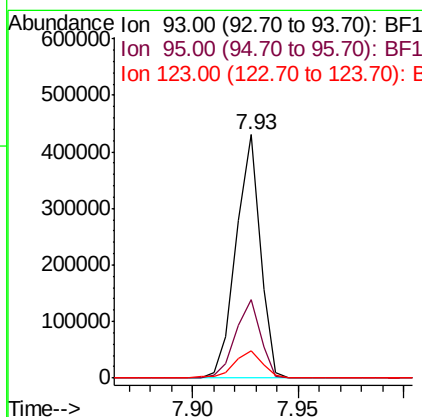
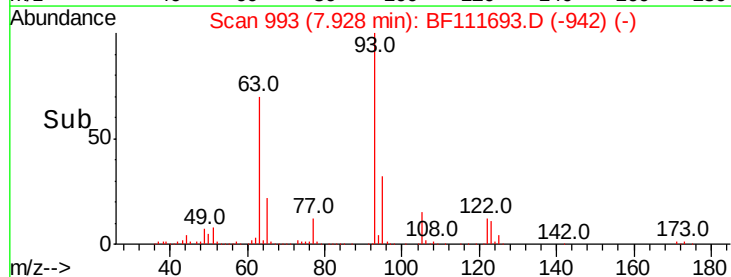
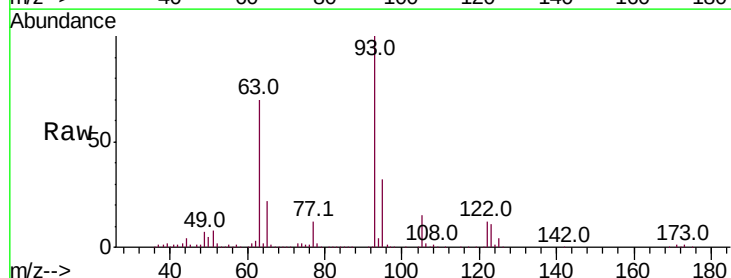
Manual Integrations
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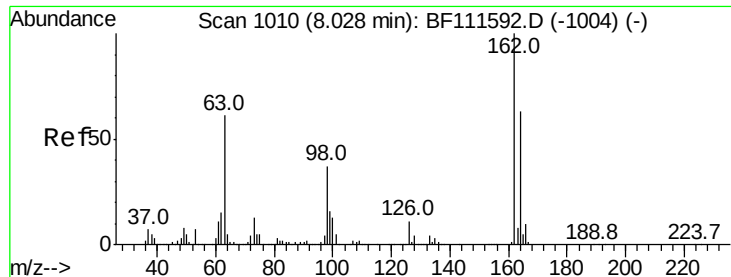
Sohil
12/26/2018 3:10:50 PM



#28
bis(2-Chloroethoxy)methane
Concen: 26.801 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		340142		
95	32.4	27.1	40.7		
123	11.4	9.9	14.9		





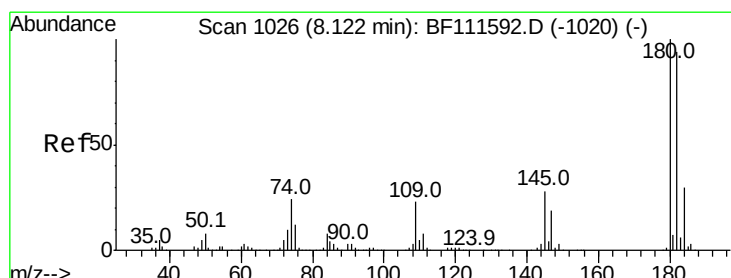
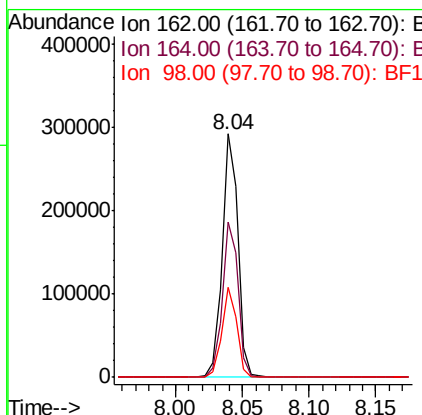
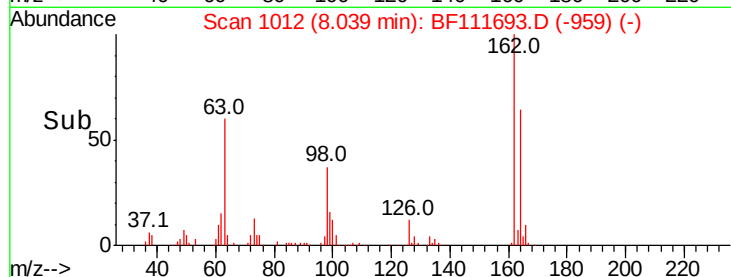
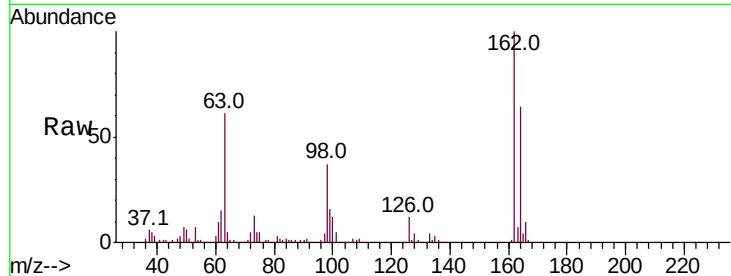
#29
2,4-Dichlorophenol
Concen: 25.115 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.8	44.4	84.4
98	37.1	20.3	60.3

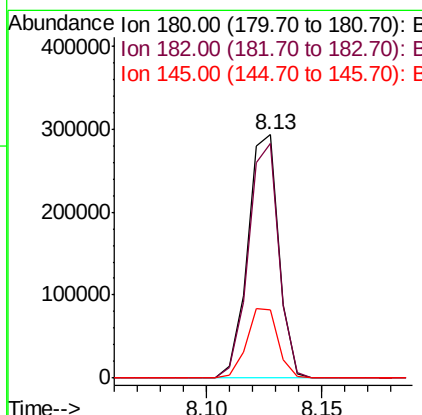
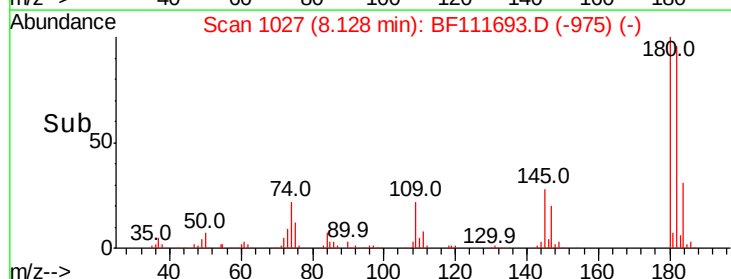
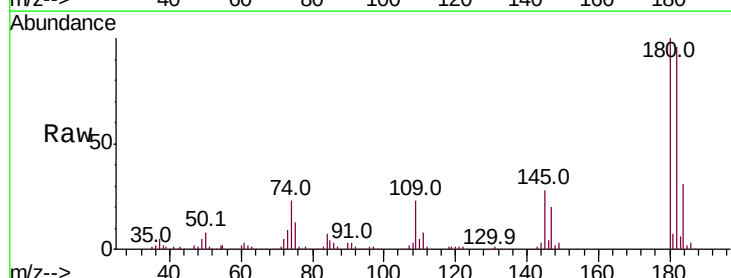
Manual Integrations
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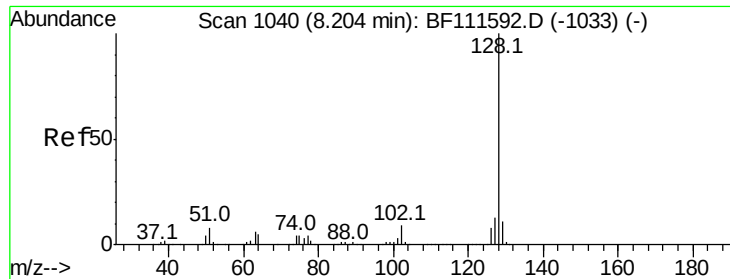
Sohil
12/26/2018 3:10:50 PM



#30
1,2,4-Trichlorobenzene
Concen: 25.579 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.2	75.6	113.4
145	28.0	26.7	40.1





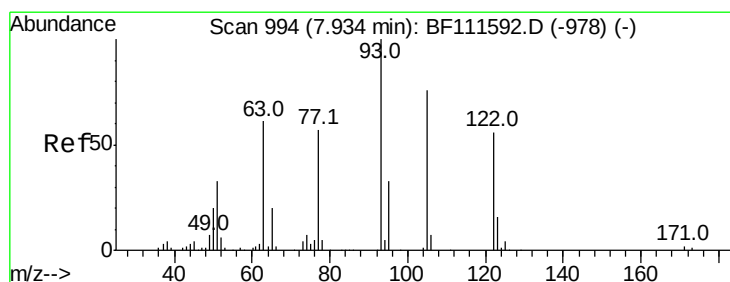
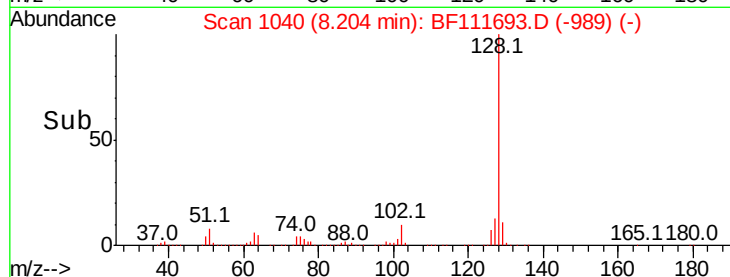
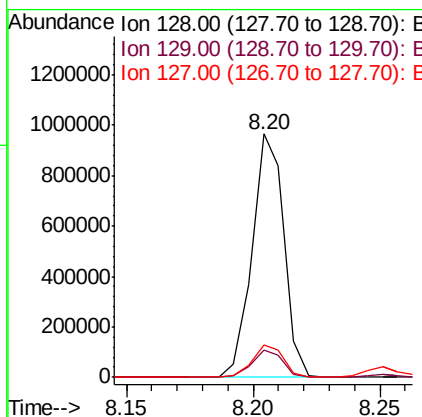
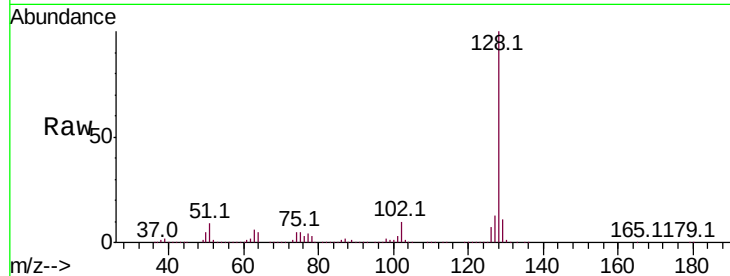
#31
Naphthalene
Concen: 27.929 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.8
127	13.4	12.0	18.0

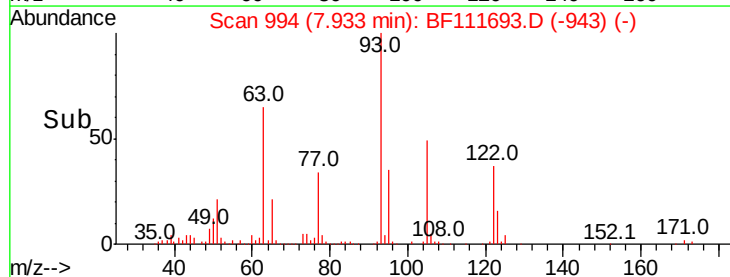
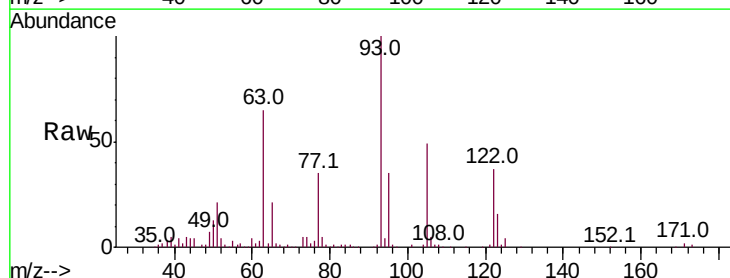
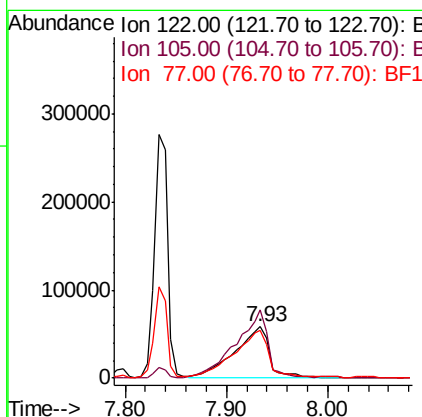
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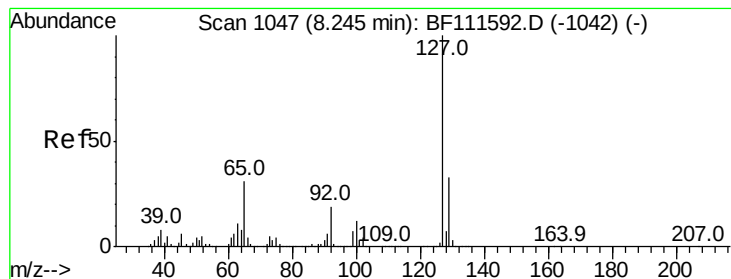
Sohil
12/26/2018 3:10:50 PM



#32
Benzoic acid
Concen: 23.157 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.1	97.0	137.0
77	92.9	65.7	105.7





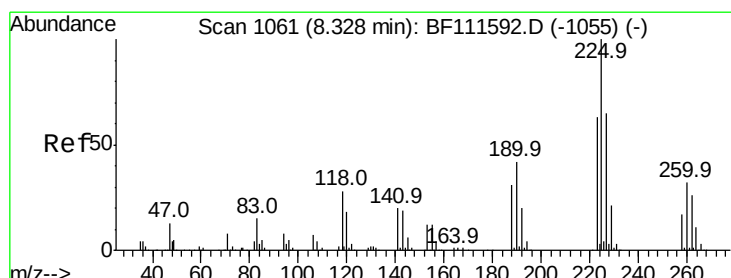
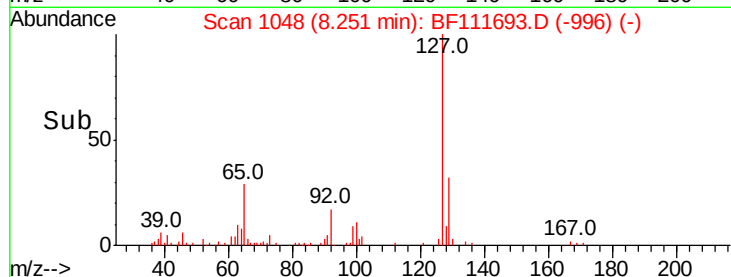
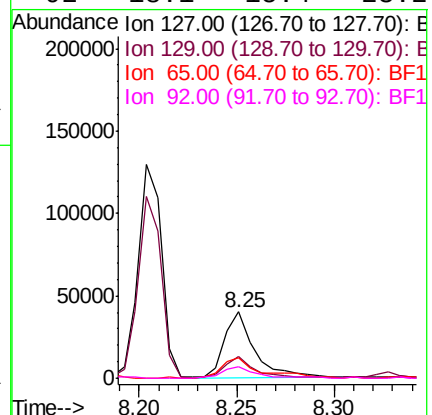
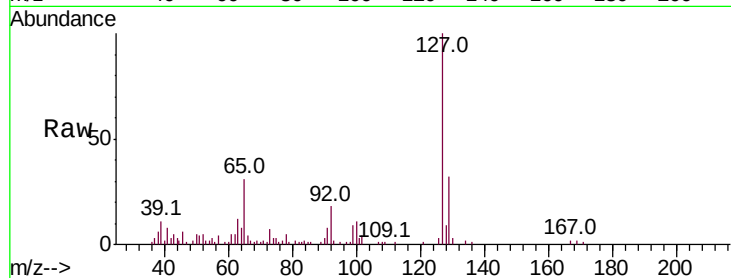
#33
4-Chloroaniline
Concen: 3.292 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	39.8
65	30.9	25.7	38.5
92	18.1	15.4	23.2

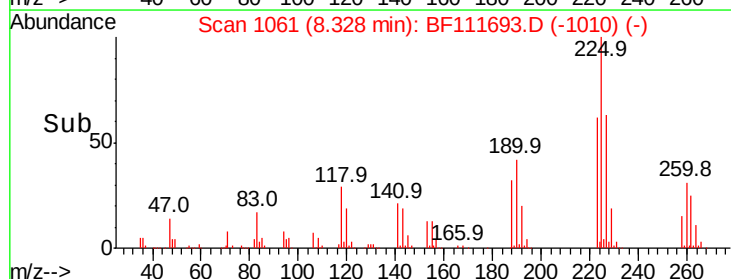
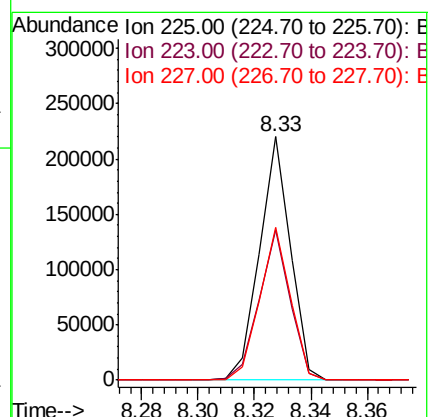
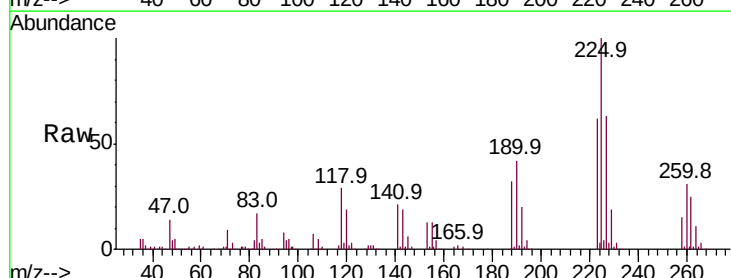
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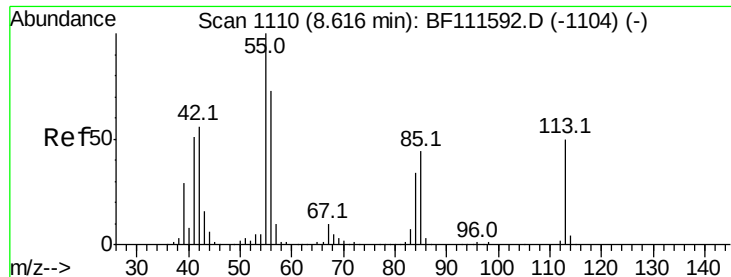
Sohil
12/26/2018 3:10:50 PM



#34
Hexachlorobutadiene
Concen: 25.391 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.7	76.1
227	62.9	52.6	78.8





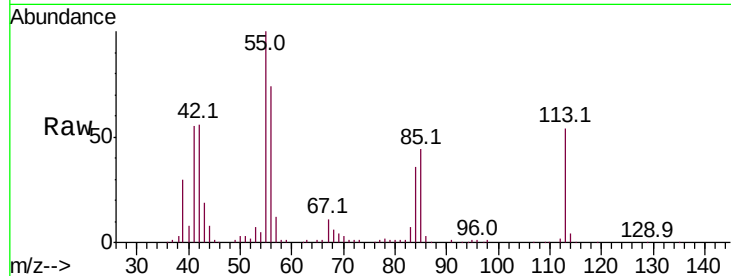
#35
Caprolactam
Concen: 19.996 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	184.3	184.1	224.1
56	136.4	126.0	166.0

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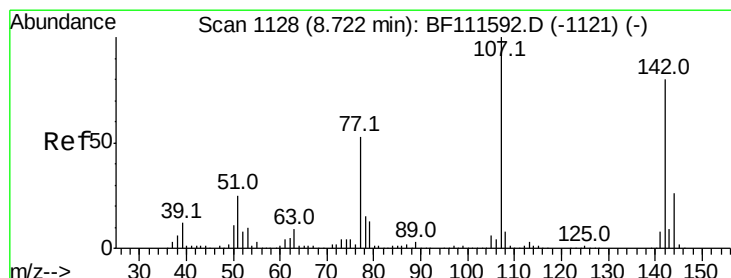
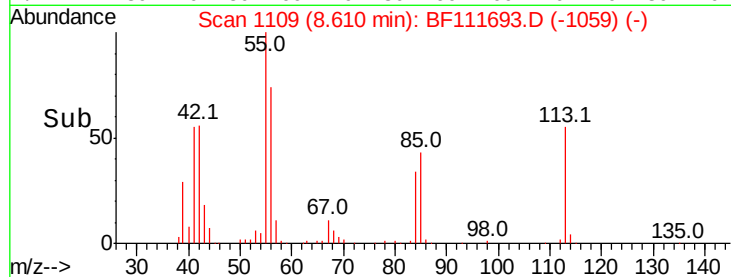
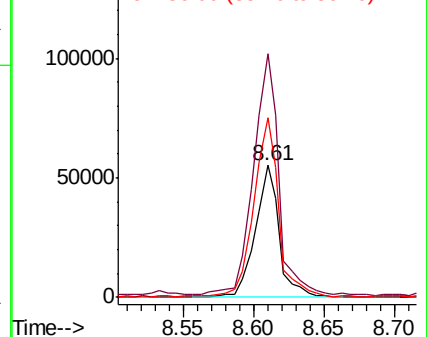


Abundance

Ion 113.00 (112.70 to 113.70): E

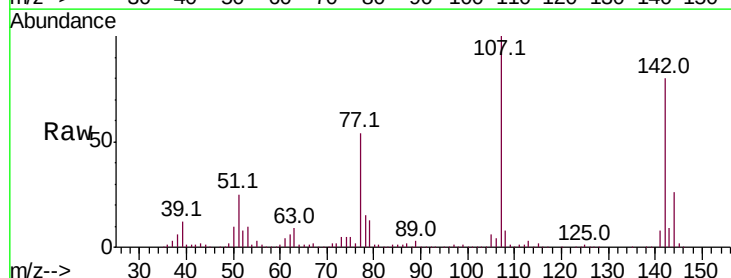
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 23.636 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	19.8	29.6
142	79.9	62.3	93.5

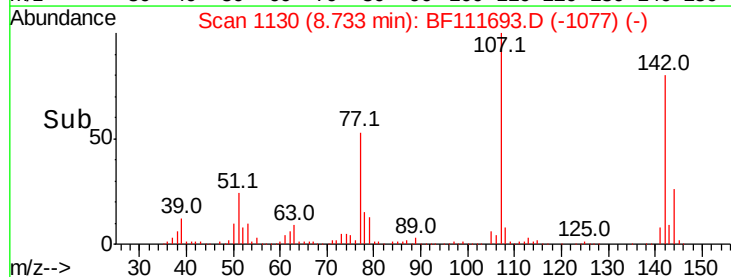
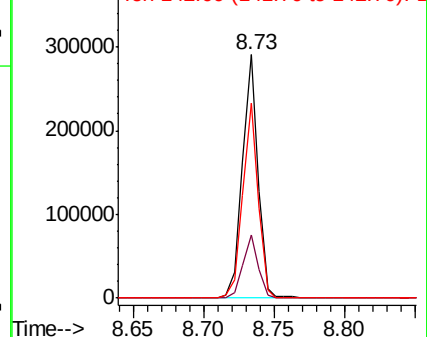


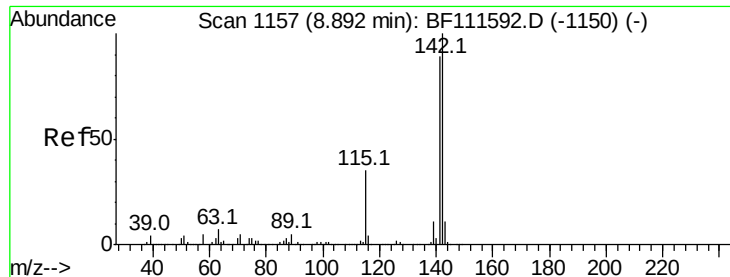
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 27.812 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

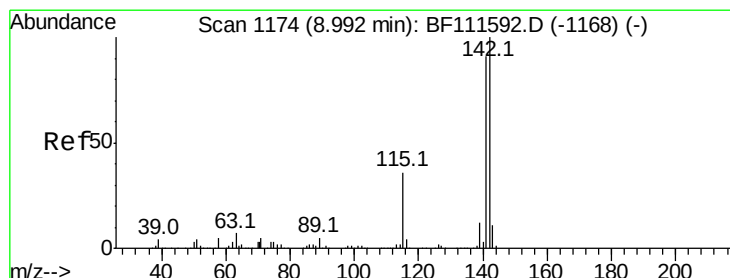
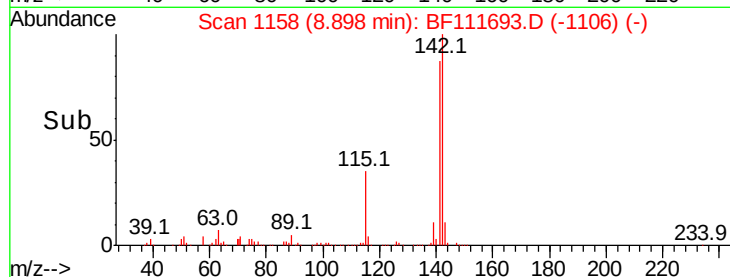
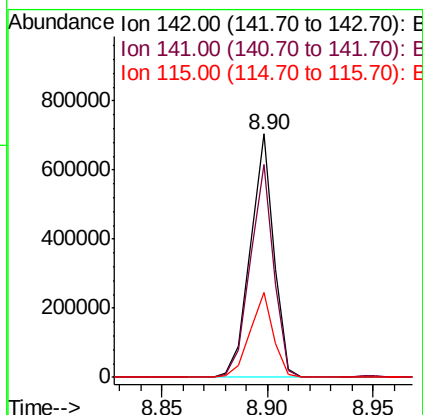
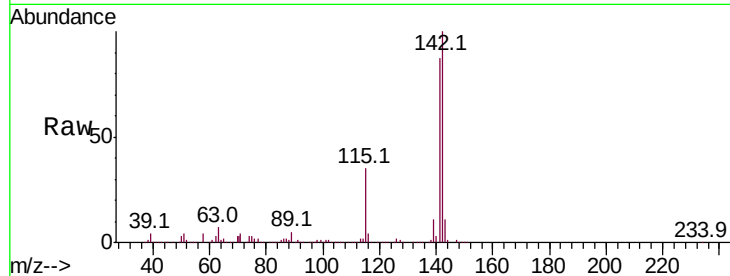
Instrument :
BNA_F

ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.6	105.8
115	34.8	27.0	40.6

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 26.835 ng

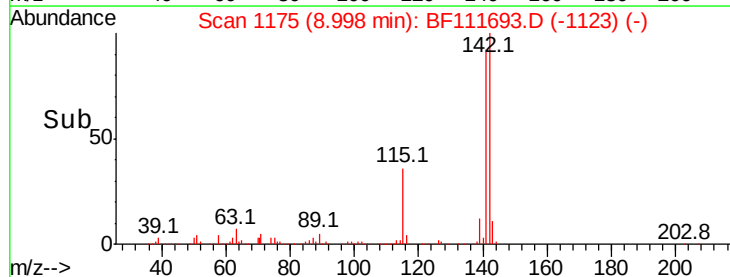
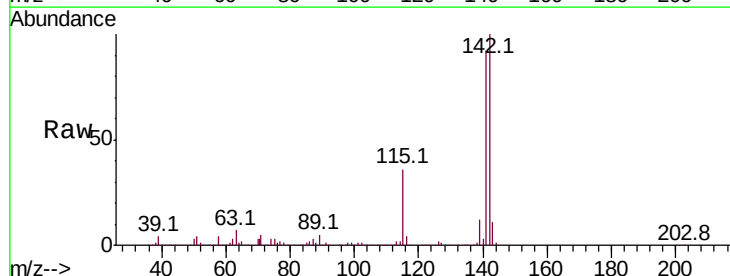
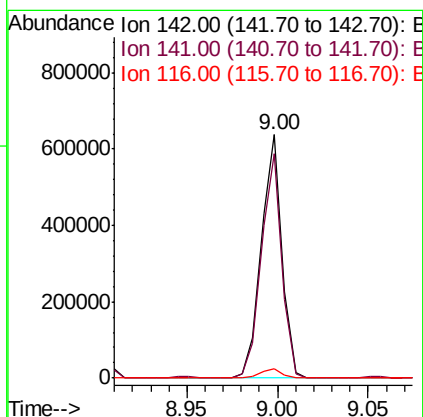
RT: 9.00 min Scan# 1175

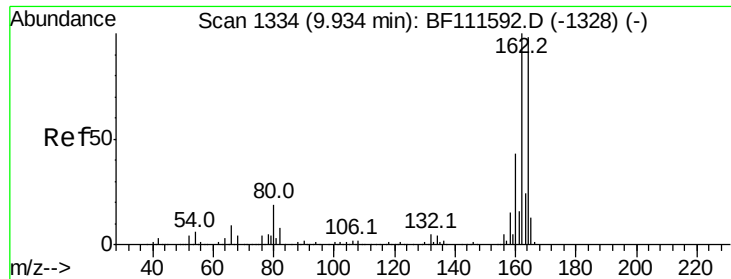
Delta R.T. 0.01 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.2	111.4
116	3.7	2.9	4.3





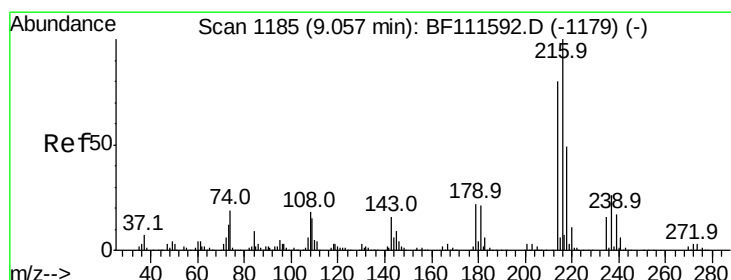
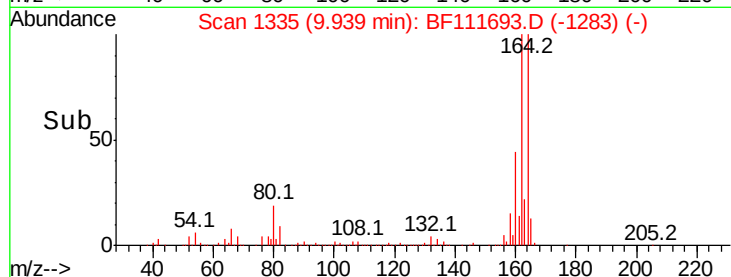
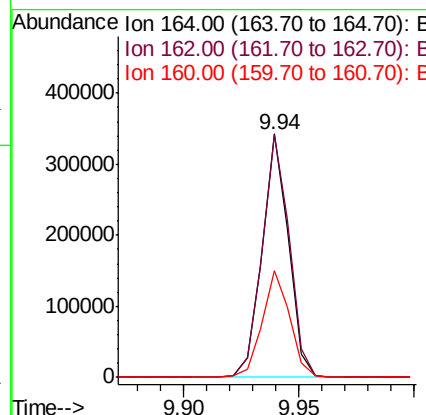
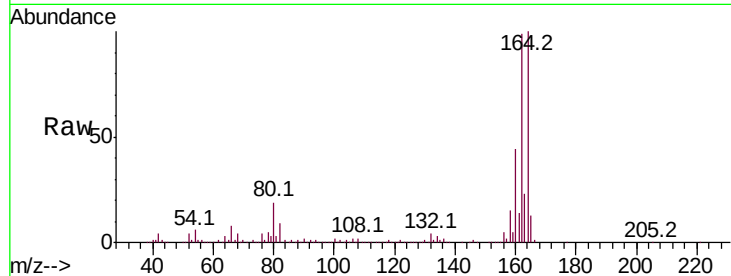
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.4	122.0
160	44.0	35.7	53.5

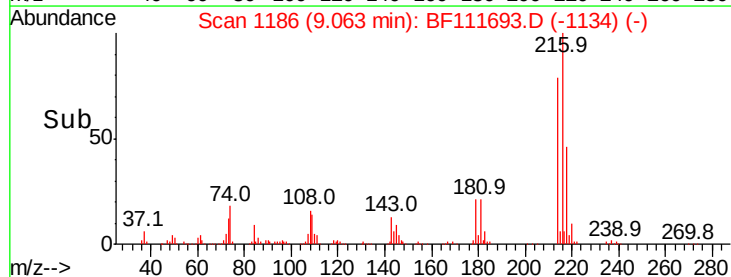
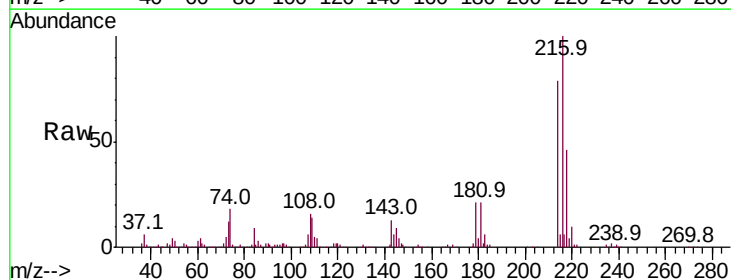
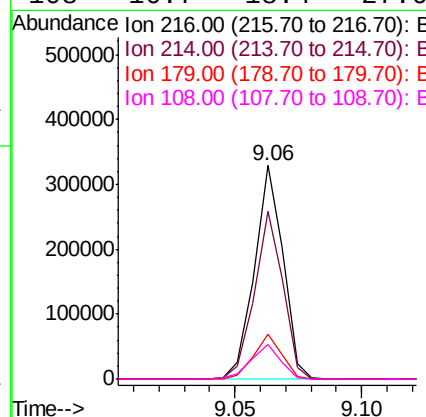
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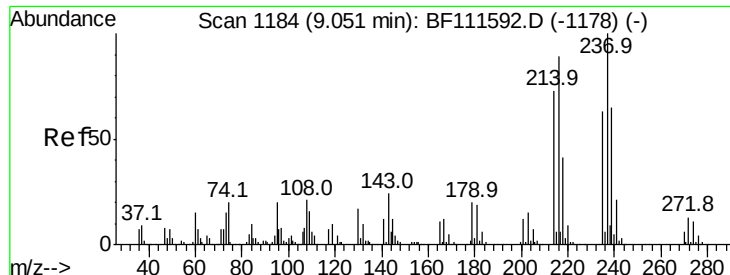
Sohil
12/26/2018 3:10:50 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 28.843 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.8	95.8
179	20.7	17.9	26.9
108	16.7	18.4	27.6#





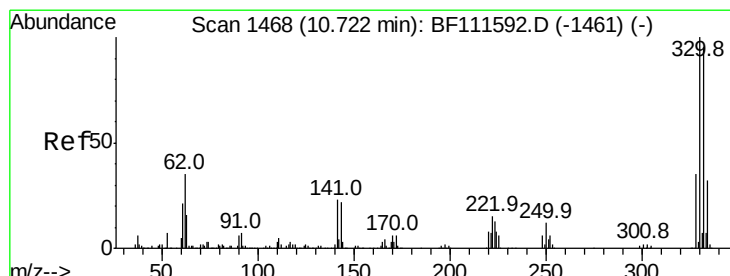
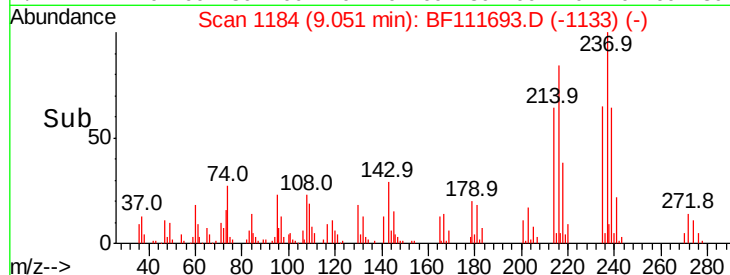
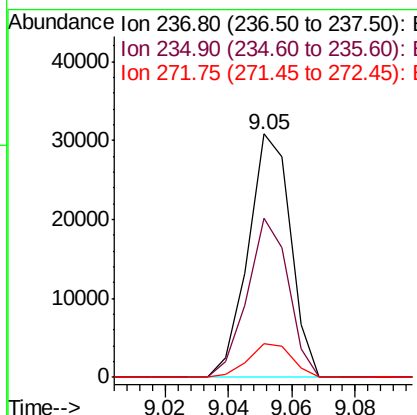
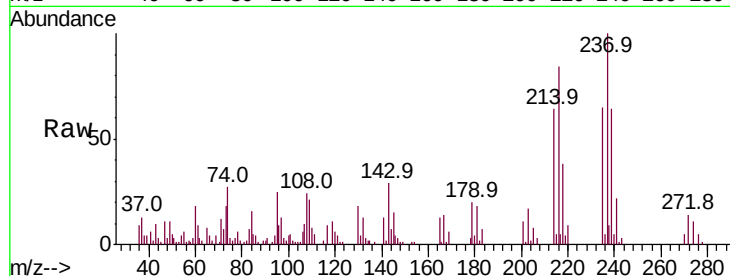
#41
Hexachlorocyclopentadiene
Concen: 6.549 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion:	237	Resp:	28568
Ion Ratio	Lower	Upper	
237	100		
235	65.2	43.1	83.1
272	13.8	0.0	33.0

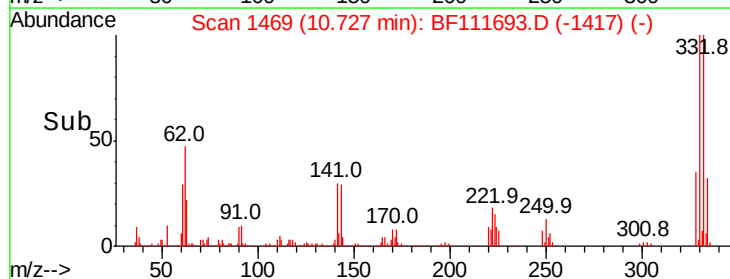
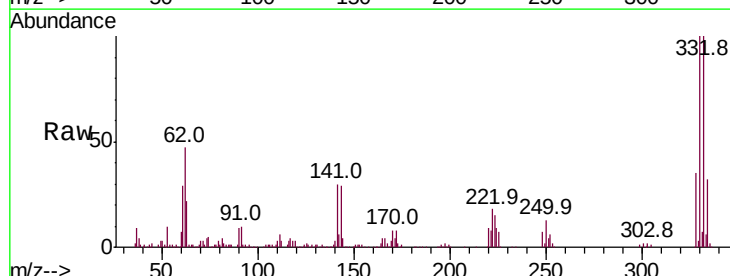
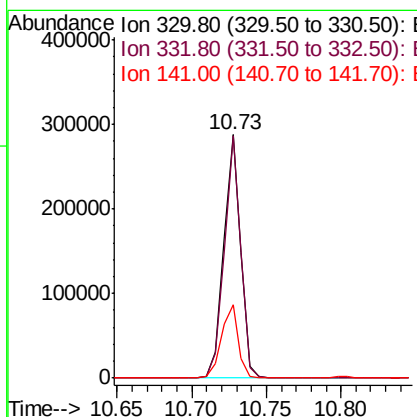
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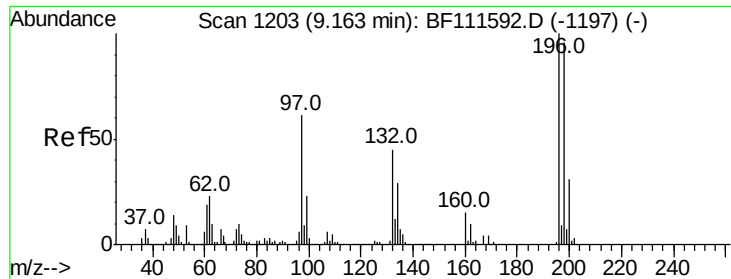
Sohil
12/26/2018 3:10:50 PM



#42
2,4,6-Tribromophenol
Concen: 71.814 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion:	330	Resp:	232137
Ion Ratio	Lower	Upper	
330	100		
332	97.2	76.0	114.0
141	29.6	31.0	46.6#





#43

2,4,6-Trichlorophenol

Concen: 27.152 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Instrument :

BNA_F

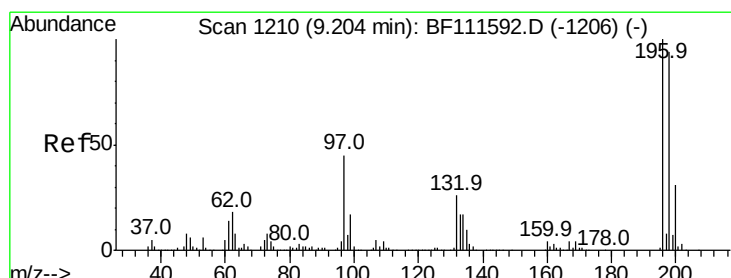
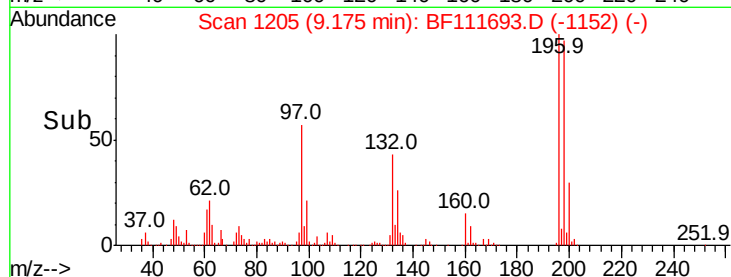
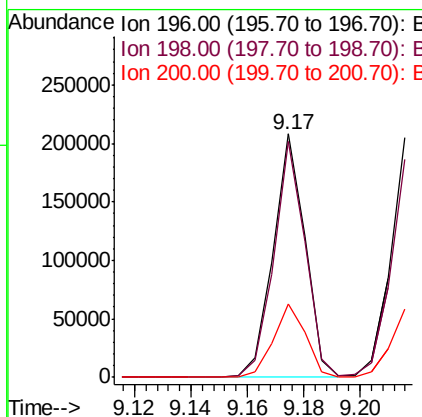
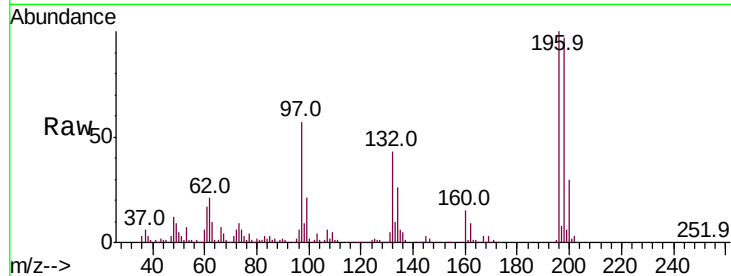
ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion:	196	Resp:	162962
Ion Ratio	Lower	Upper	
196	100		
198	96.6	76.3	114.5
200	30.1	24.9	37.3

Manual Integrations
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12/26/2018 3:10:50 PM



#44

2,4,5-Trichlorophenol

Concen: 26.805 ng

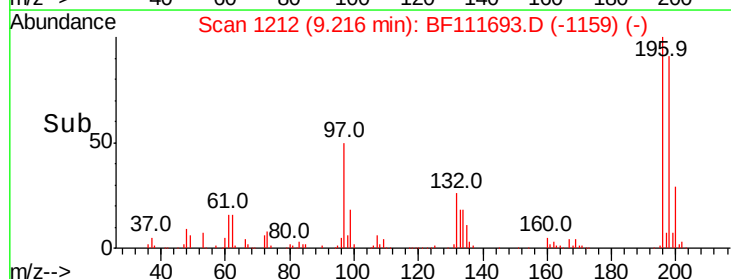
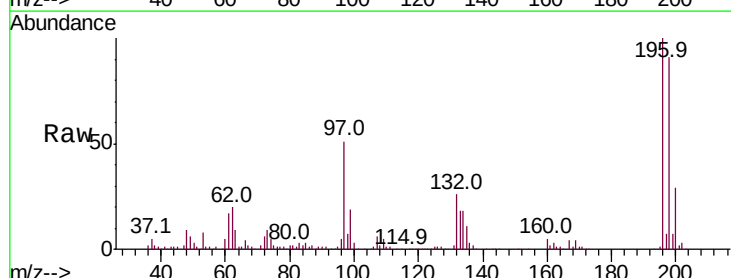
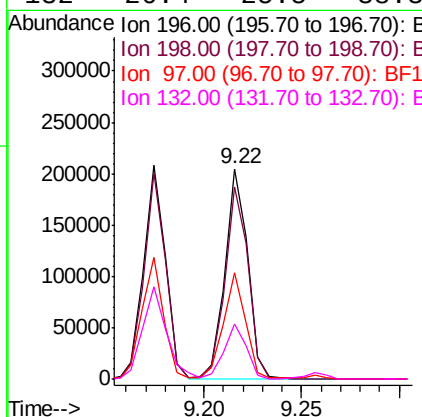
RT: 9.22 min Scan# 1212

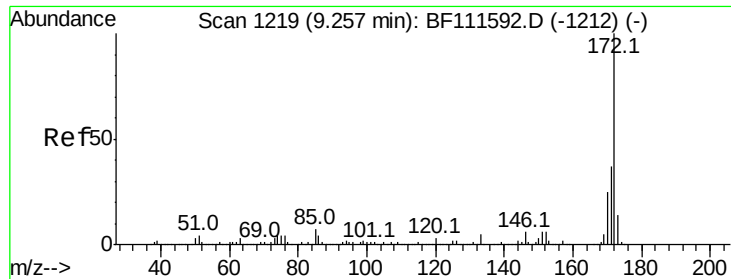
Delta R.T. 0.01 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Tgt Ion:	196	Resp:	165048
Ion Ratio	Lower	Upper	
196	100		
198	91.3	72.9	109.3
97	50.8	45.3	67.9
132	26.4	25.5	38.3





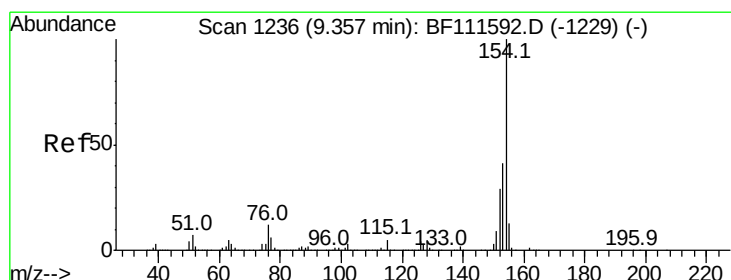
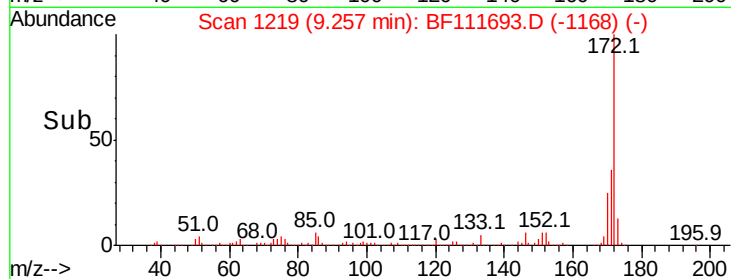
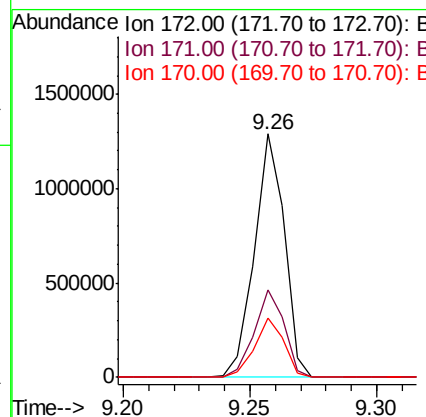
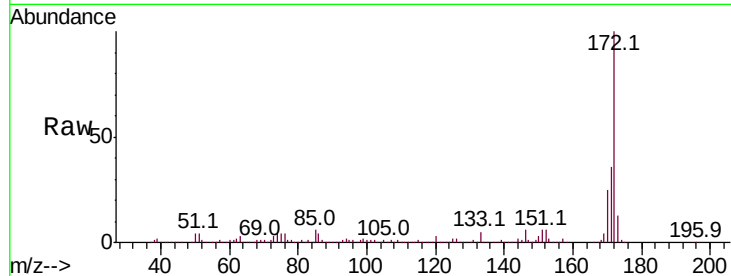
#45
2-Fluorobiphenyl
Concen: 56.785 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	33.0	49.4
170	24.5	22.3	33.5

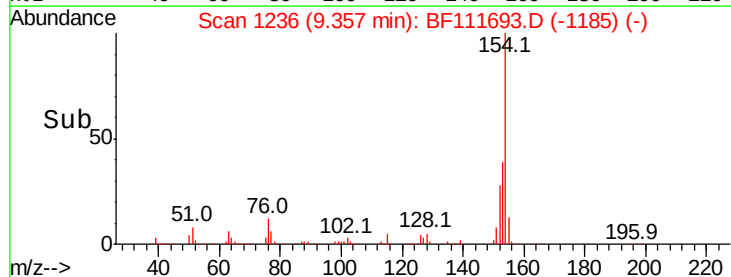
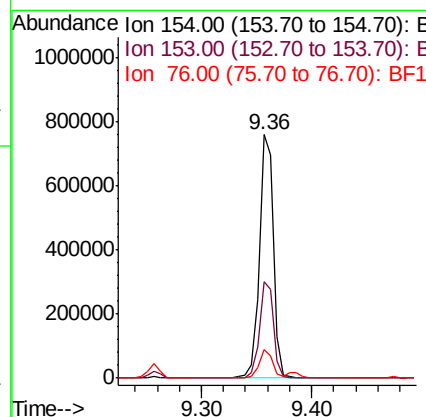
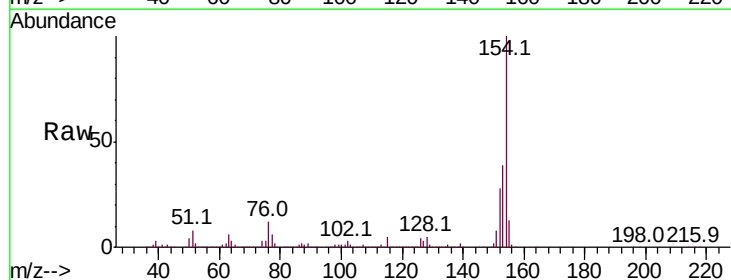
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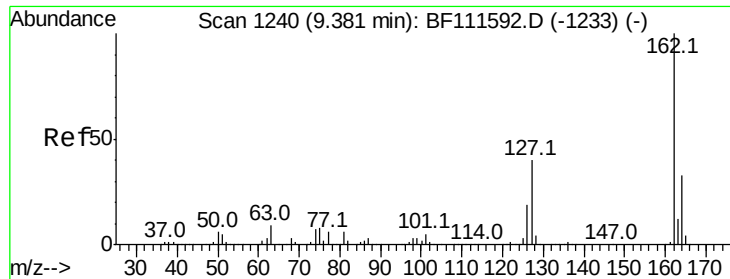
Sohil
12/26/2018 3:10:50 PM



#46
1,1'-Biphenyl
Concen: 29.074 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	23.7	63.7
76	11.8	0.0	35.0





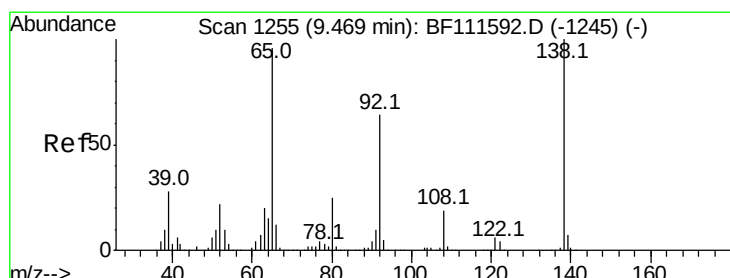
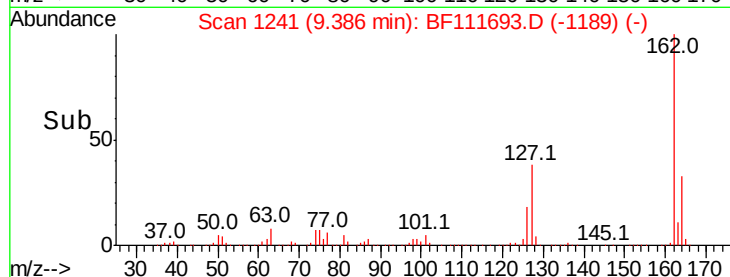
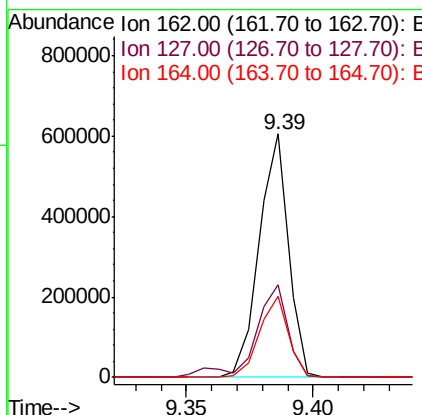
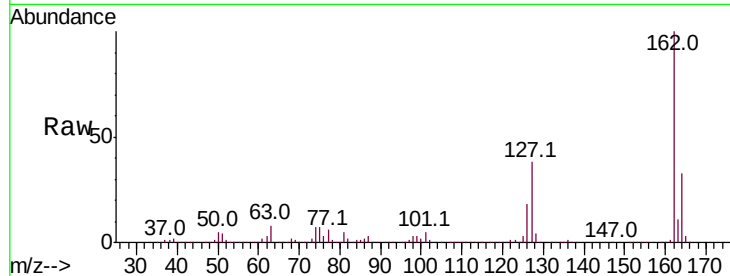
#47
 2-Chloronaphthalene
 Concen: 26.804 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF111693.D
 Acq: 21 Dec 2018 17:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	490425		
127	37.8		35.0	52.4
164	33.3		28.4	42.6

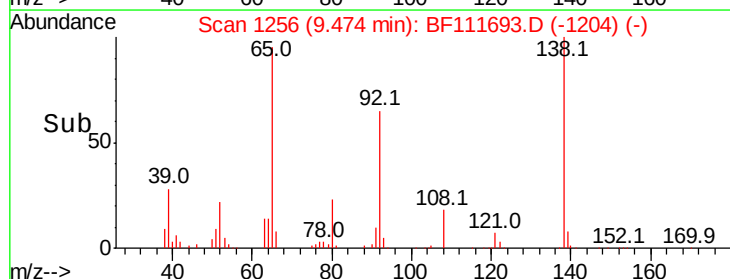
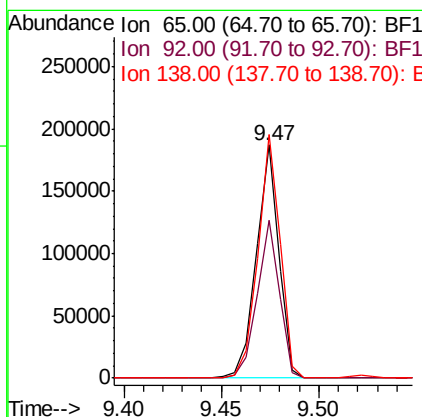
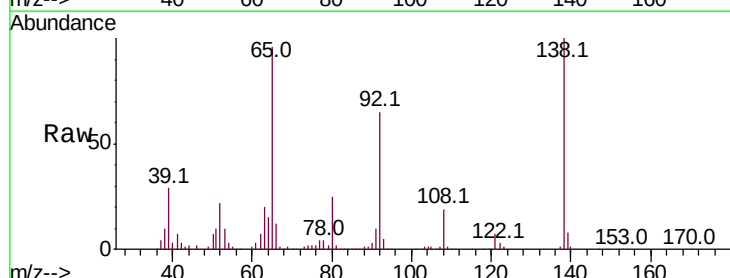
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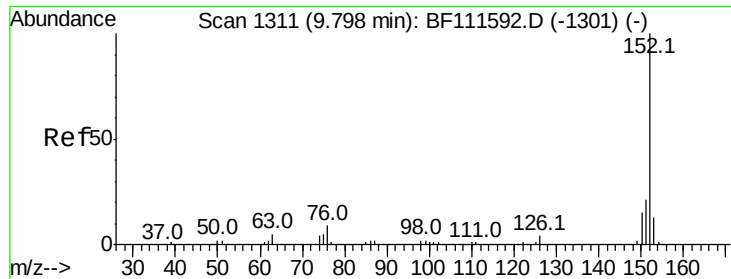
Sohil
 12/26/2018 3:10:50 PM



#48
 2-Nitroaniline
 Concen: 31.387 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF111693.D
 Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	149403		
92	67.7		53.5	80.3
138	104.3		80.9	121.3





#49

Acenaphthylene

Concen: 27.492 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Instrument :

BNA_F

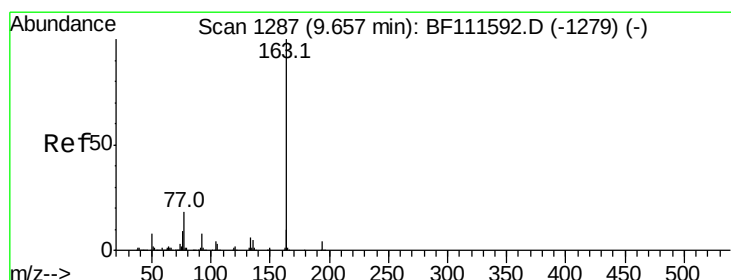
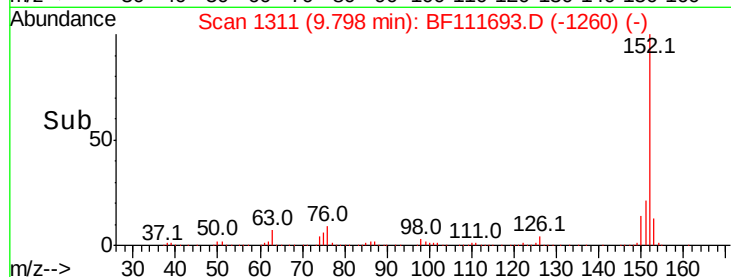
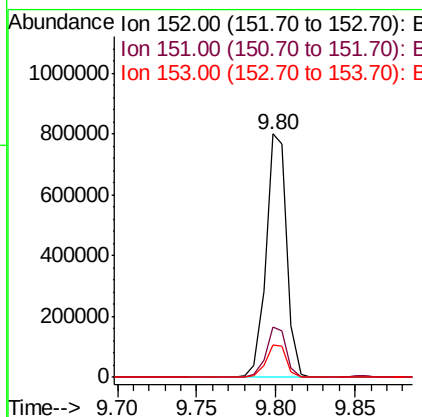
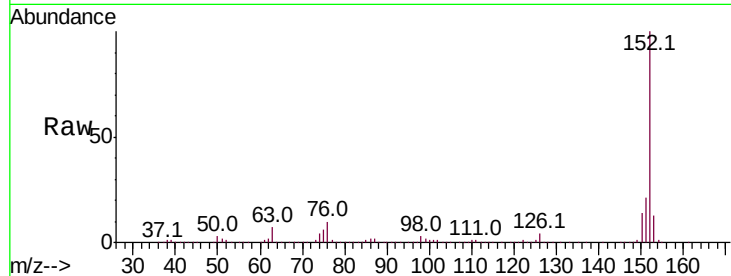
ClientSampleID :

P001-SS025-1218-01MSD

Tot Ion:	152	Resp:	734452
Ion Ratio	Lower	Upper	
152	100		
151	20.6	18.0	27.0
153	13.5	12.3	18.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 32.329 ng

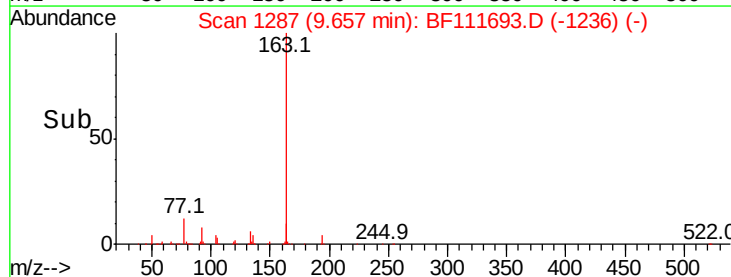
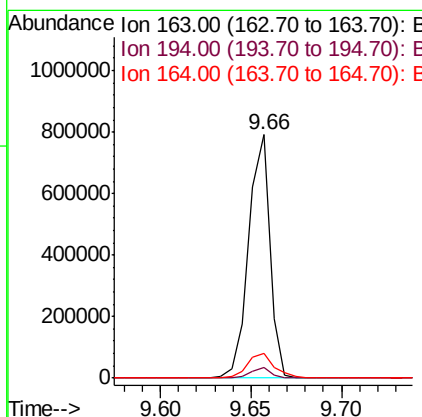
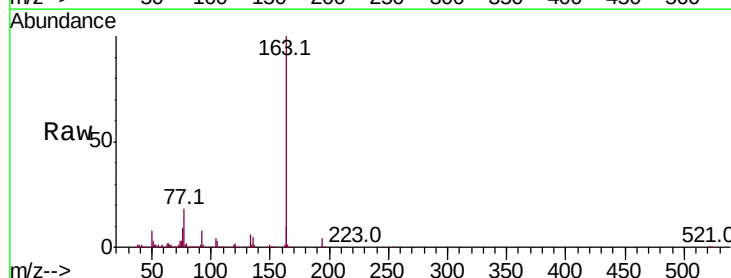
RT: 9.66 min Scan# 1287

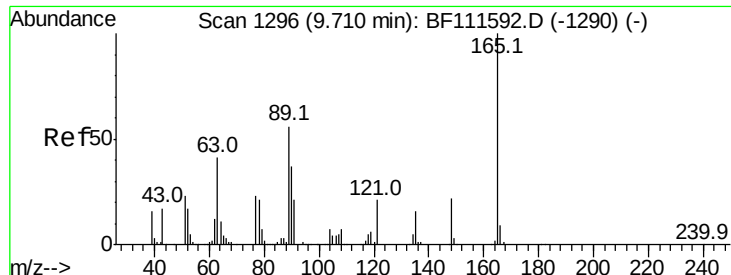
Delta R.T. -0.00 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Tgt Ion:	163	Resp:	646772
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.0	4.6
164	10.2	8.9	13.3





#51

2,6-Dinitrotoluene

Concen: 28.425 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Instrument :

BNA_F

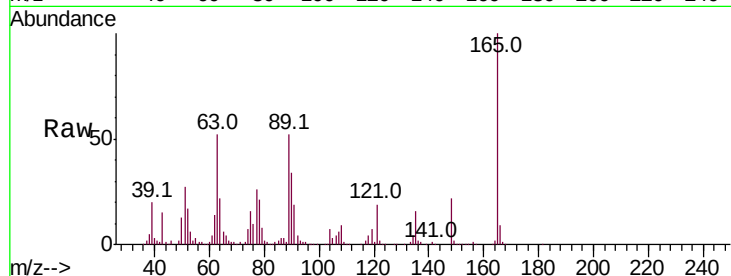
ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion:165	Resp:	113390
Ion Ratio	Lower	Upper
165 100		
63 52.2	40.5	60.7
89 52.4	40.0	60.0

Manual Integrations
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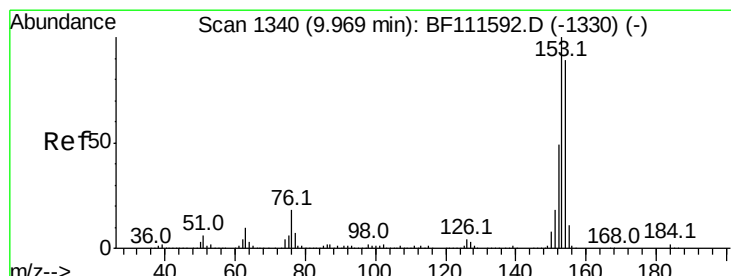
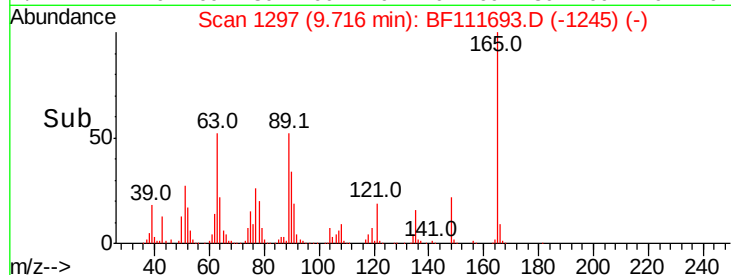
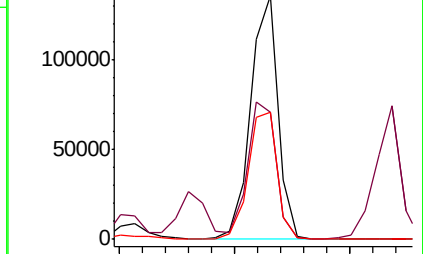
Sohil
12/26/2018 3:10:50 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 26.339 ng

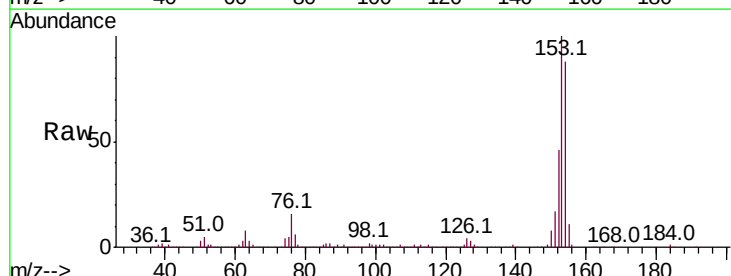
RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

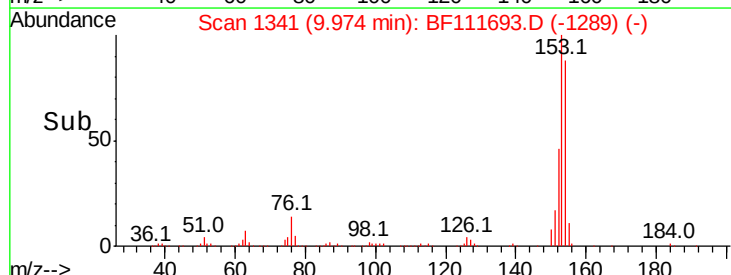
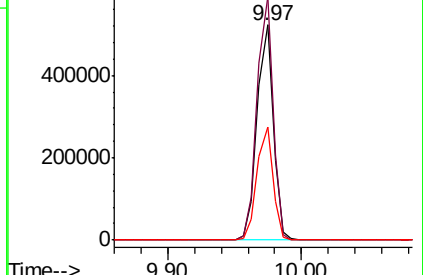
Tgt Ion:154	Resp:	433975
Ion Ratio	Lower	Upper
154 100		
153 113.3	87.8	131.8
152 52.4	43.4	65.2

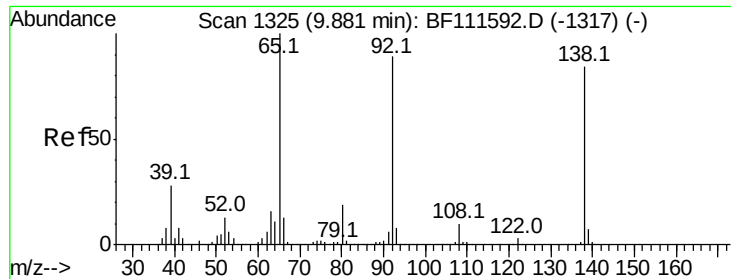


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





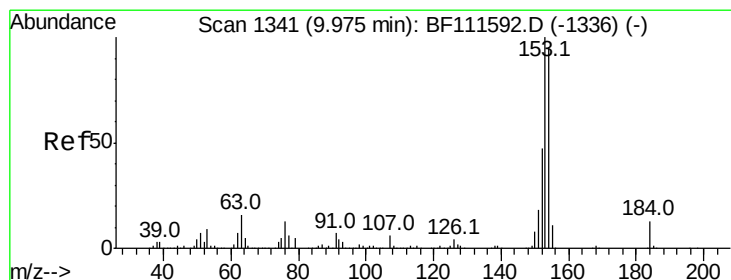
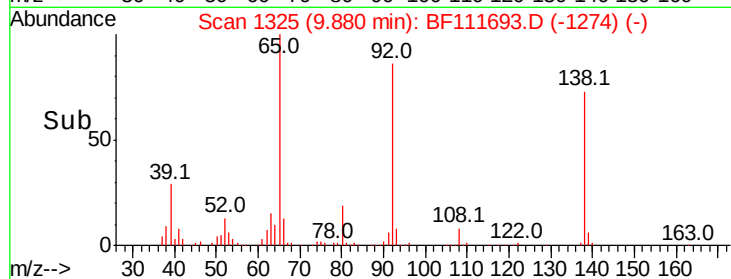
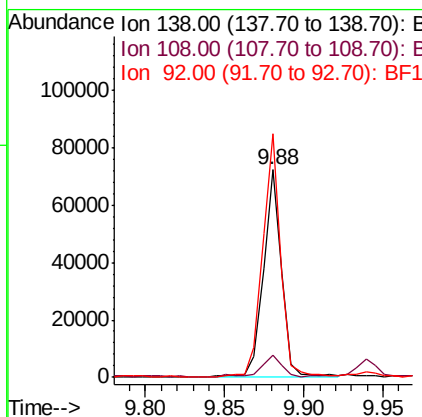
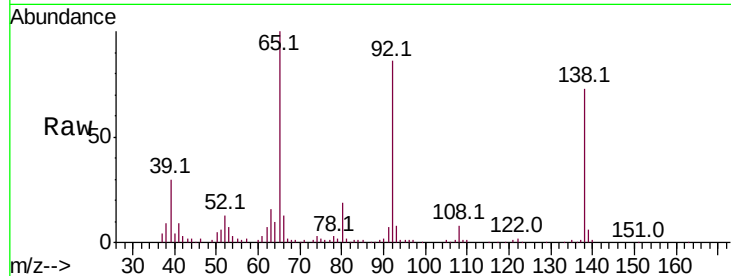
#53
3-Nitroaniline
Concen: 13.843 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.2	12.4
92	117.3	93.4	140.2

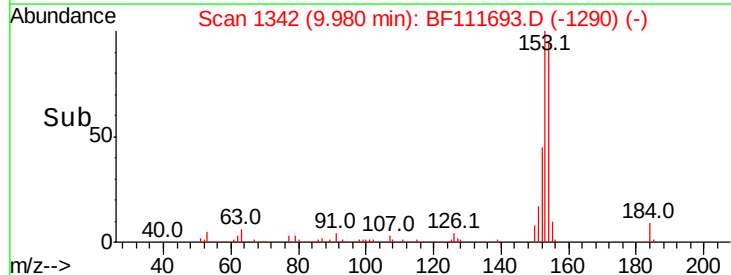
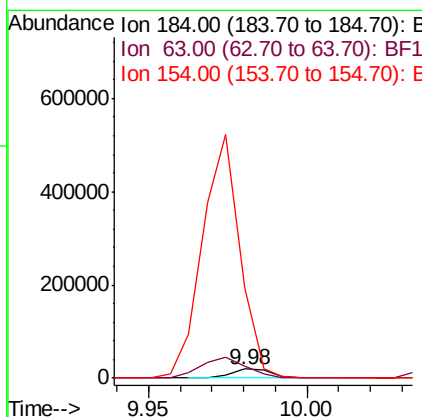
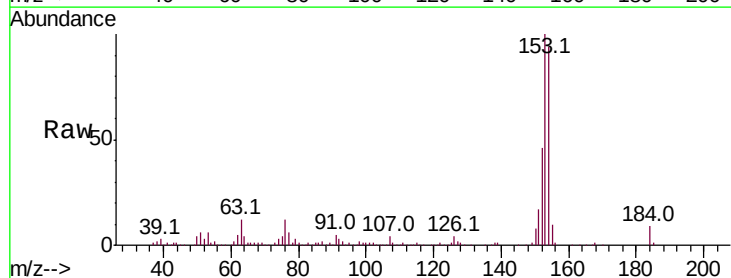
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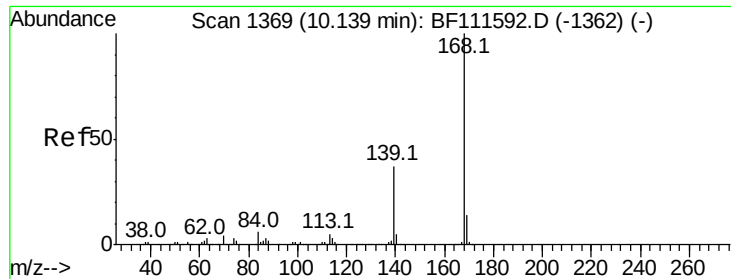
Sohil
12/26/2018 3:10:50 PM



#54
2,4-Dinitrophenol
Concen: 18.578 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	130.2	62.3	93.5#
154	1018.1	56.2	84.2#





#55

Dibenzofuran

Concen: 25.903 ng

RT: 10.15 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Instrument :

BNA_F

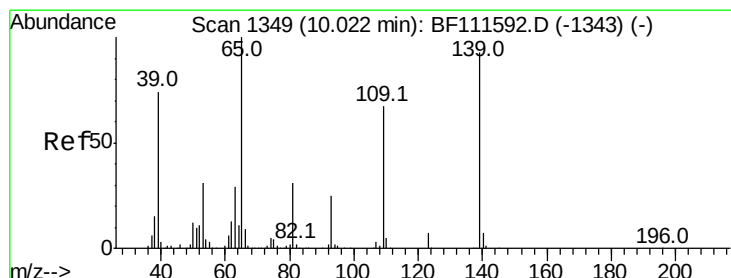
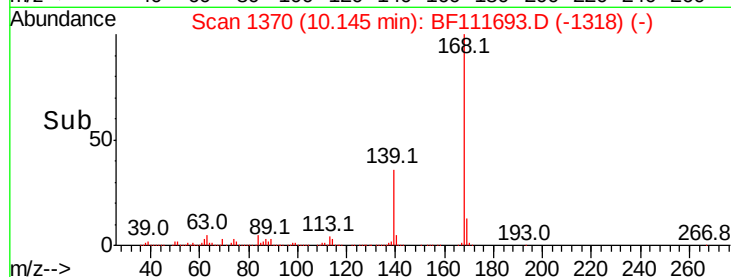
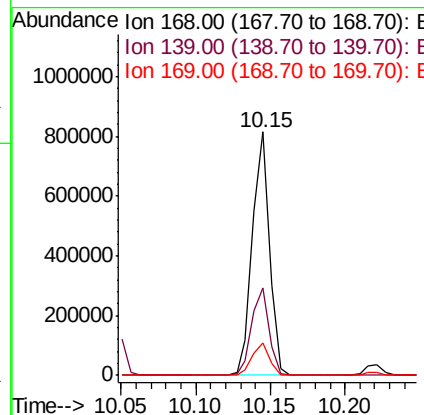
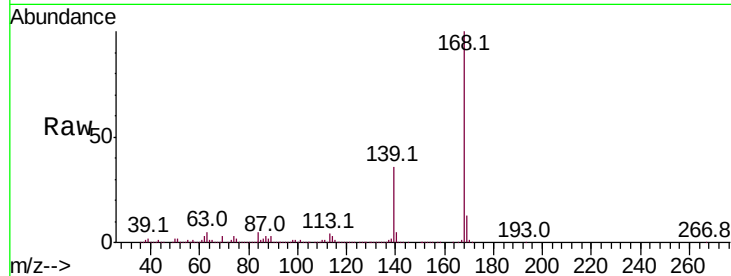
ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion:168	Resp:	644791
Ion Ratio	Lower	Upper
168	100	
139	36.2	32.6 49.0
169	13.1	11.8 17.6

Manual Integrations
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12/26/2018 3:10:50 PM



#56

4-Nitrophenol

Concen: 51.475 ng

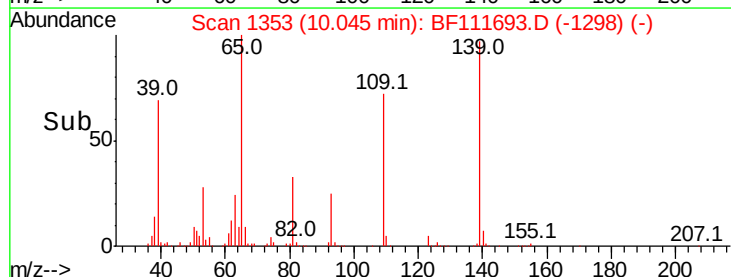
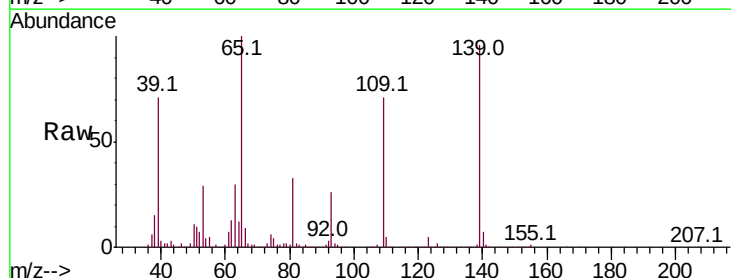
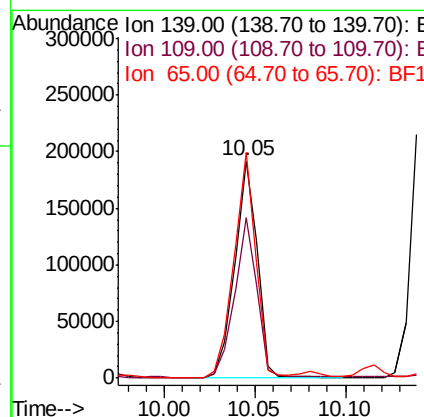
RT: 10.05 min Scan# 1353

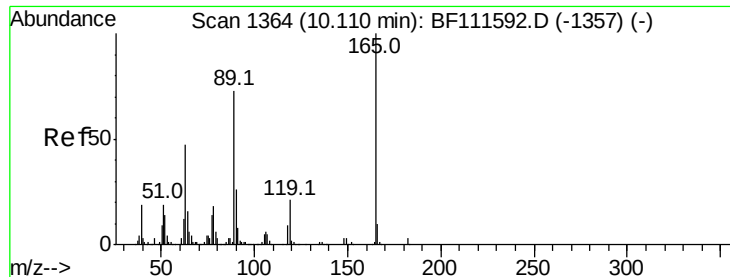
Delta R.T. 0.02 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Tgt Ion:139	Resp:	167127
Ion Ratio	Lower	Upper
139	100	
109	74.2	41.8 81.8
65	104.0	79.6 119.6





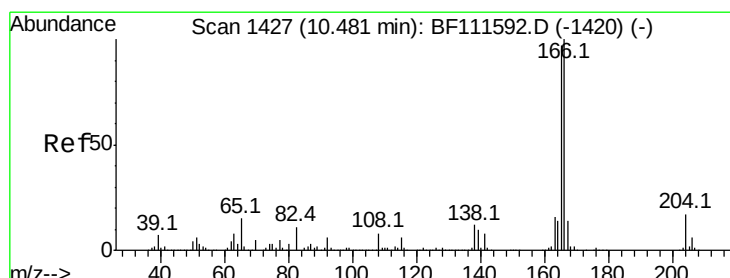
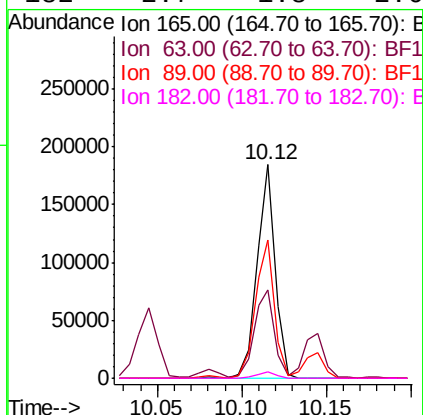
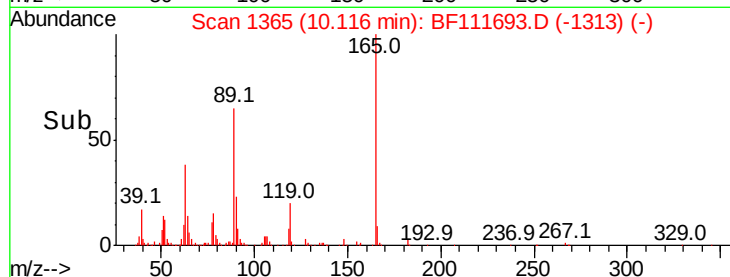
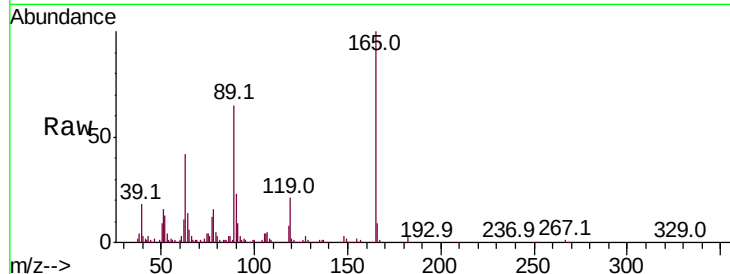
#57
 2,4-Dinitrotoluene
 Concen: 29.203 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: BF111693.D
 Acq: 21 Dec 2018 17:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.6	34.6	52.0	
89	64.8	56.2	84.4	
182	2.7	1.8	2.6	

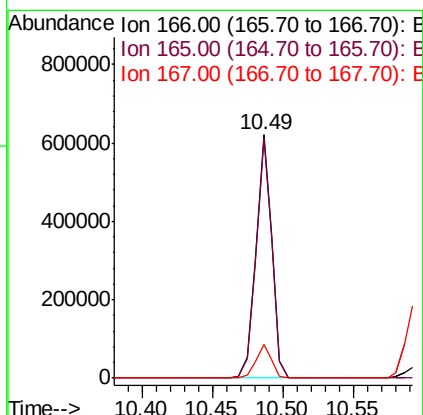
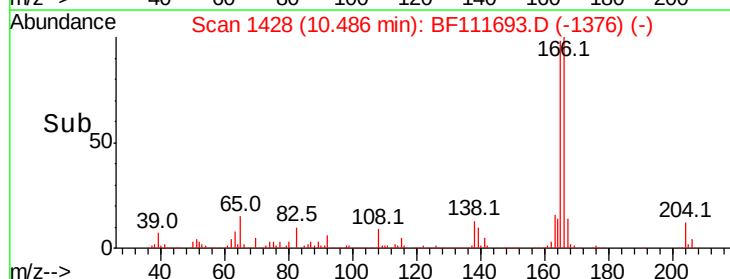
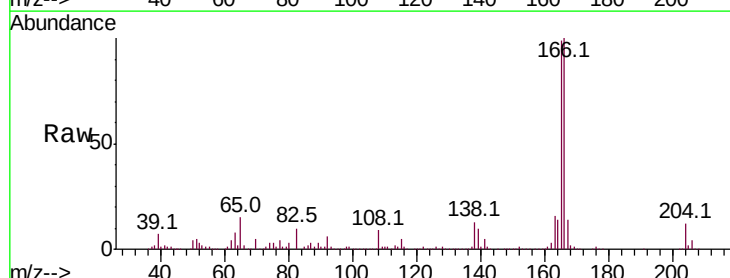
Manual Integrations
 APPROVED

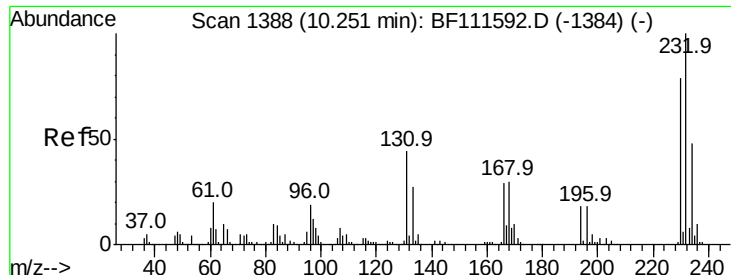
Sohil
 12/26/2018 3:10:50 PM



#58
 Fluorene
 Concen: 27.215 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF111693.D
 Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.5	78.4	117.6	
167	13.8	11.2	16.8	





#59

2,3,4,6-Tetrachlorophenol

Concen: 26.234 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion:232 Resp: 135938

Ion Ratio Lower Upper

232 100

131 40.2 40.9 61.3#

130 2.4 2.0 3.0

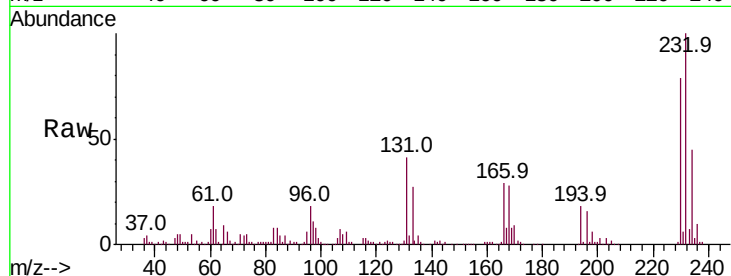
166 29.6 26.8 40.2

Manual Integrations

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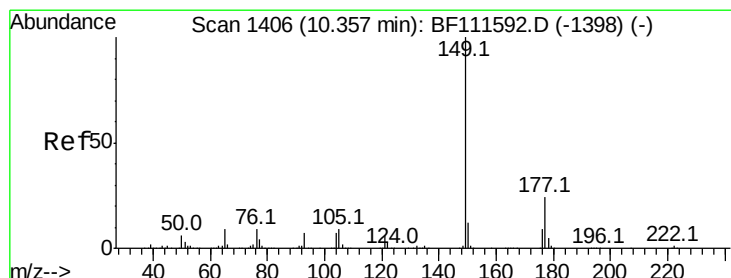
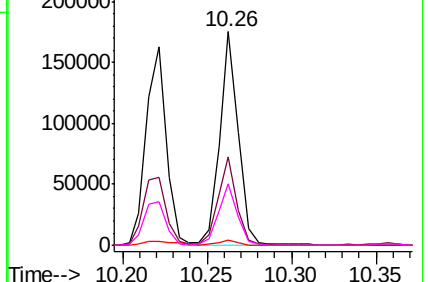
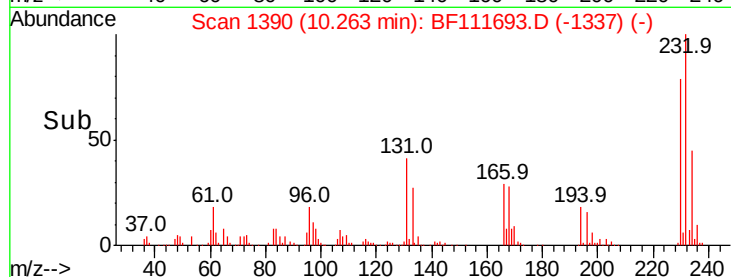


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 26.990 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

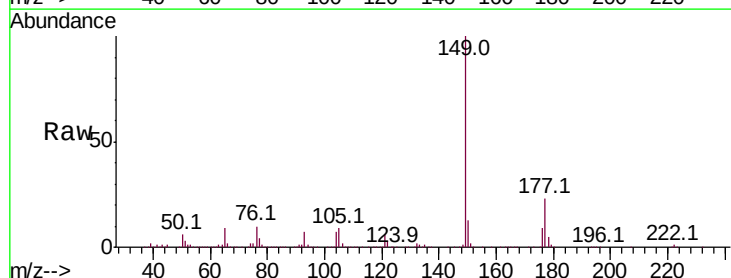
Tgt Ion:149 Resp: 529658

Ion Ratio Lower Upper

149 100

177 23.5 18.3 27.5

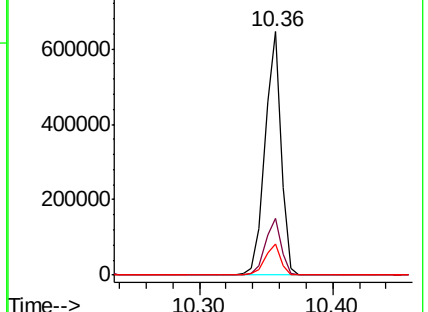
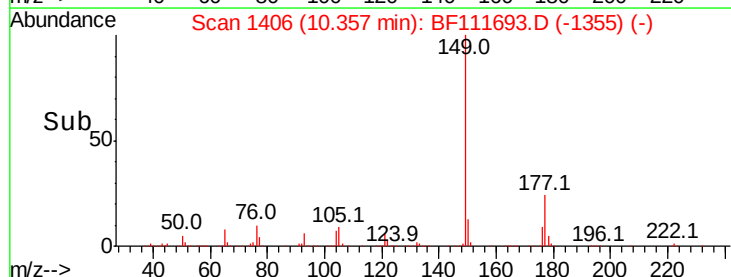
150 12.6 10.6 15.8

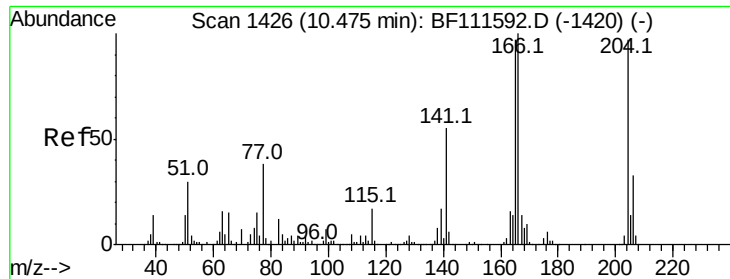


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





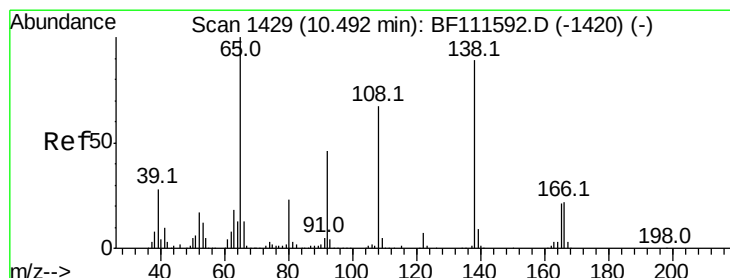
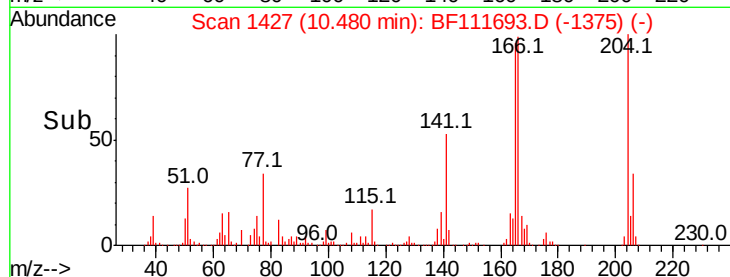
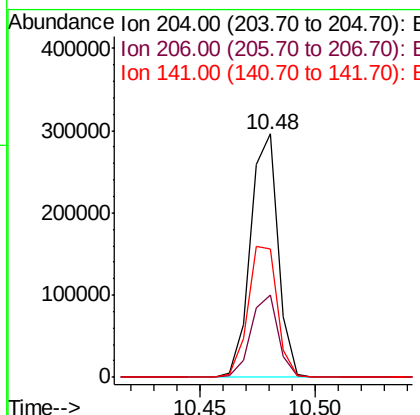
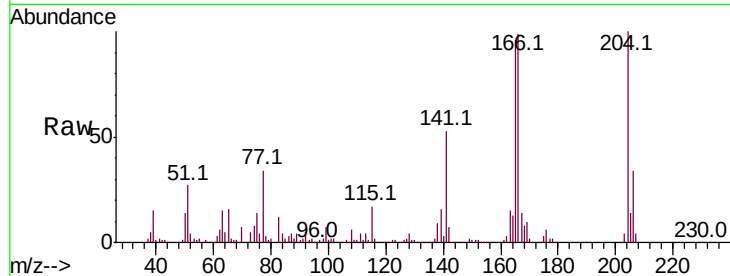
#61
 4-Chlorophenyl-phenylether
 Concen: 25.034 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF111693.D
 Acq: 21 Dec 2018 17:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.6	39.8
141	52.7	52.6	78.8

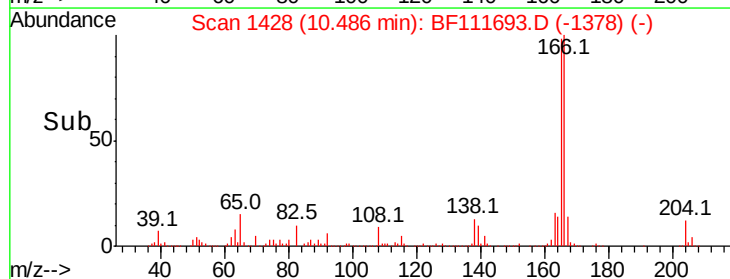
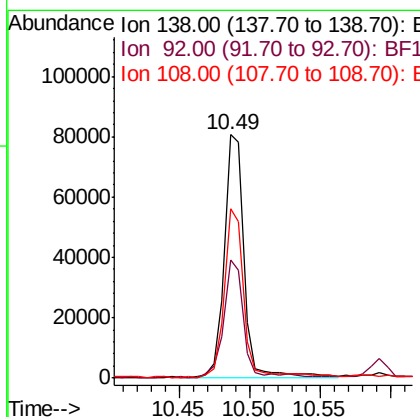
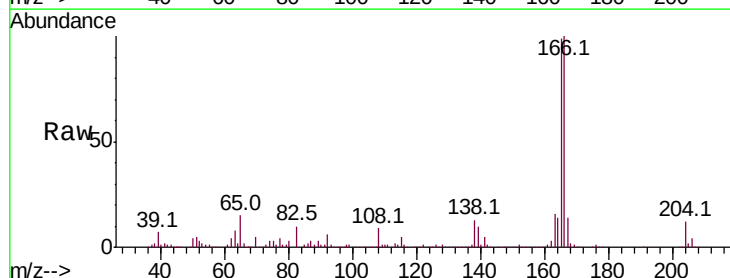
Manual Integrations
 APPROVED

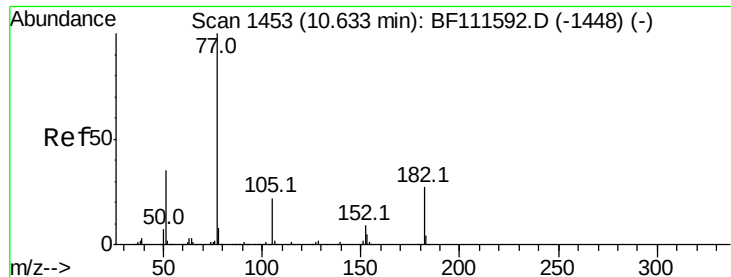
Sohil
 12/26/2018 3:10:50 PM



#62
 4-Nitroaniline
 Concen: 19.346 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF111693.D
 Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	29.9	69.9
108	69.4	43.2	83.2





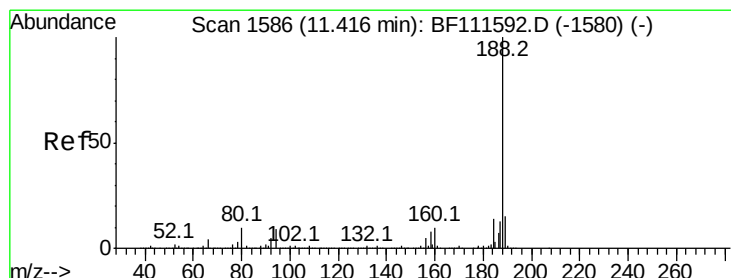
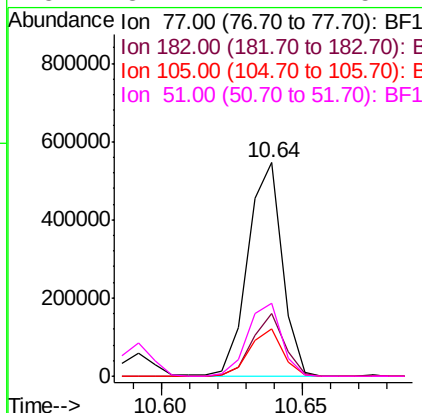
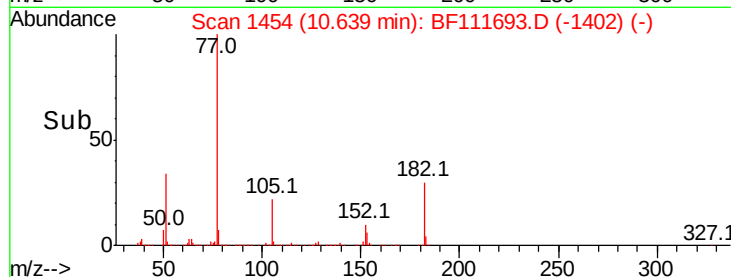
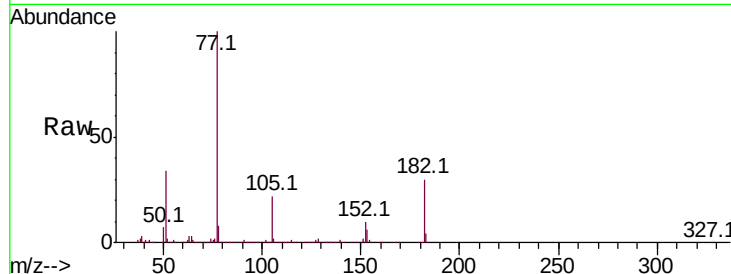
#63
Azobenzene
Concen: 23.211 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.5	4.9	44.9
105	22.0	6.0	46.0
51	34.1	14.7	54.7

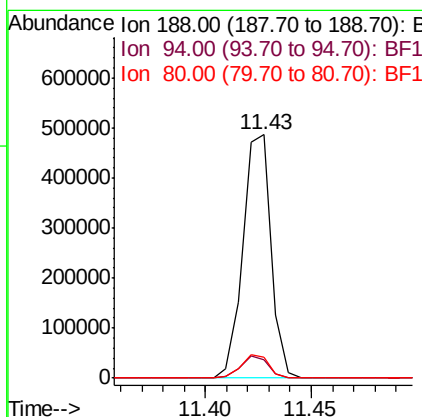
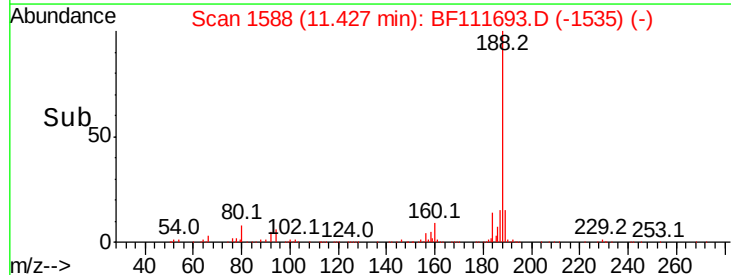
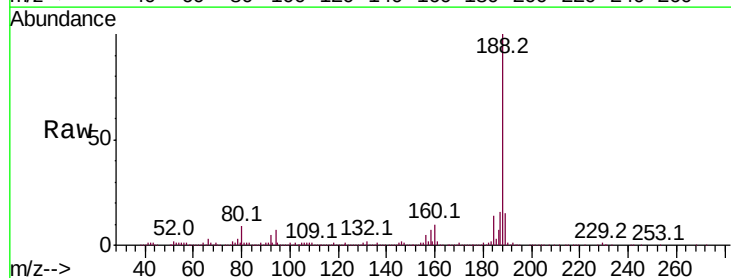
Manual Integrations
APPROVED

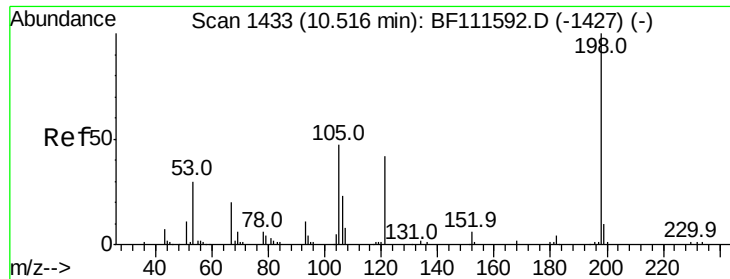
Sohil
12/26/2018 3:10:50 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	9.6	14.4#
80	8.5	9.8	14.6#





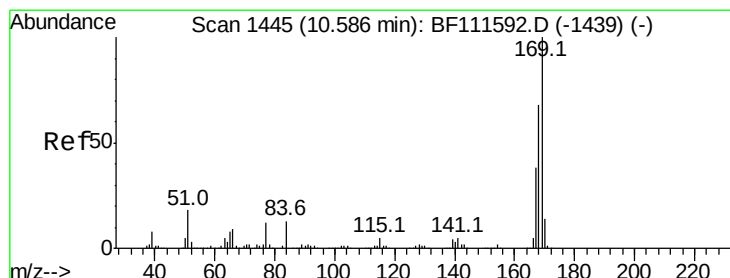
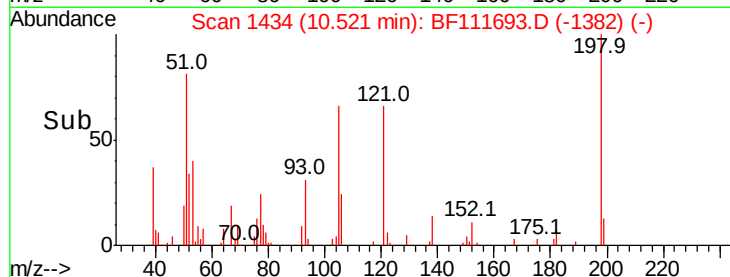
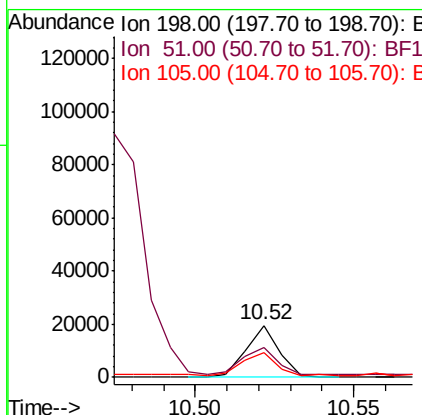
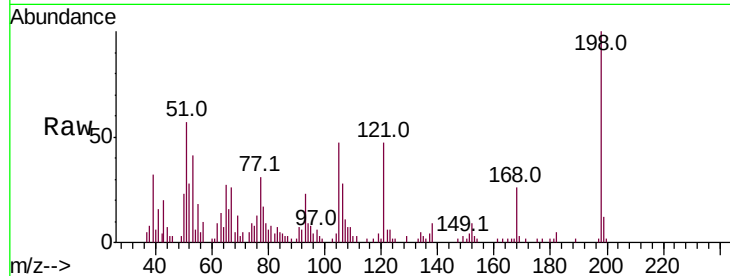
#65
4,6-Dinitro-2-methylphenol
Concen: 13.215 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	57.0	48.0	88.0
105	47.0	34.0	74.0

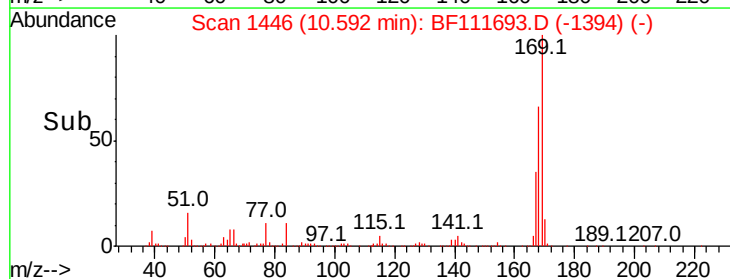
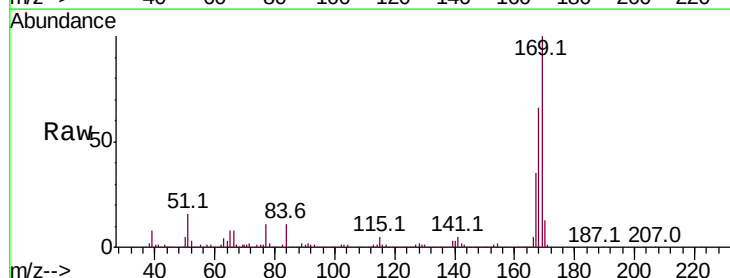
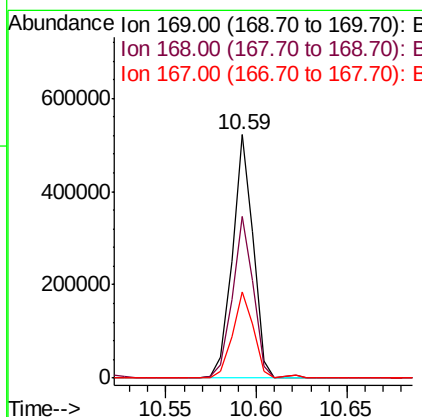
Manual Integrations
APPROVED

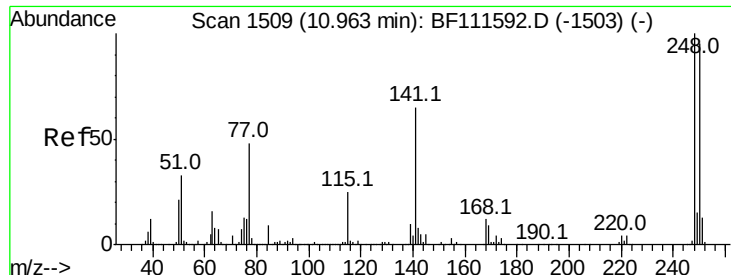
Sohil
12/26/2018 3:10:50 PM



#66
n-Nitrosodiphenylamine
Concen: 27.603 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	54.4	81.6
167	35.3	30.5	45.7





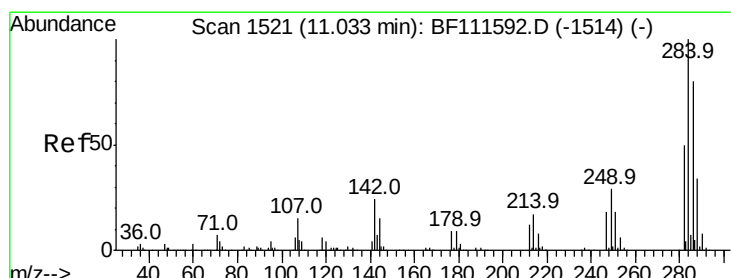
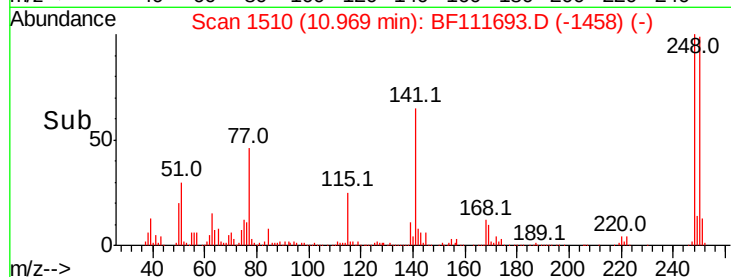
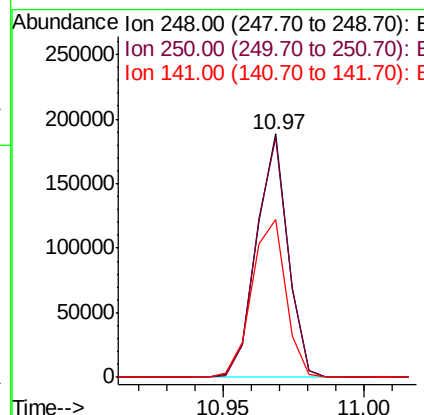
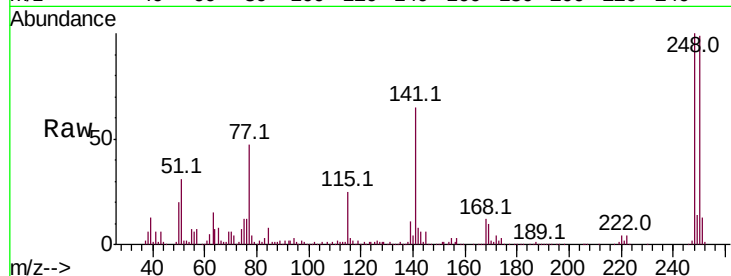
#67
4-Bromophenyl-phenylether
Concen: 26.102 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	77.0	115.4
141	64.9	63.0	94.6

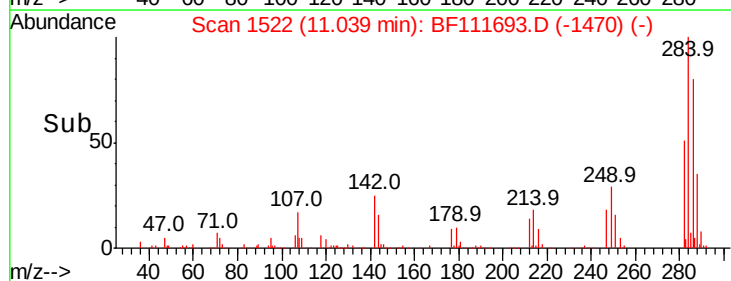
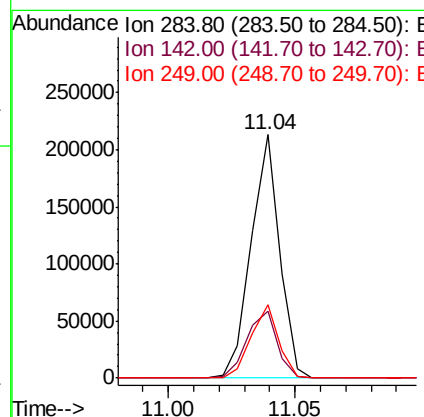
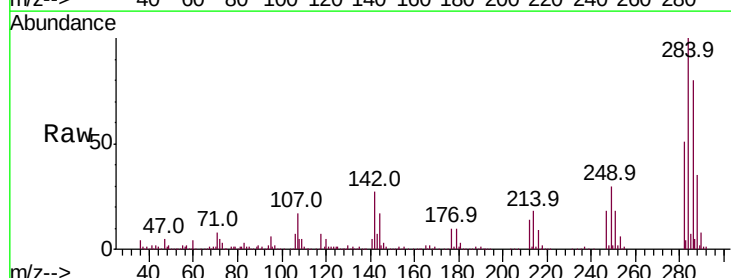
Manual Integrations
APPROVED

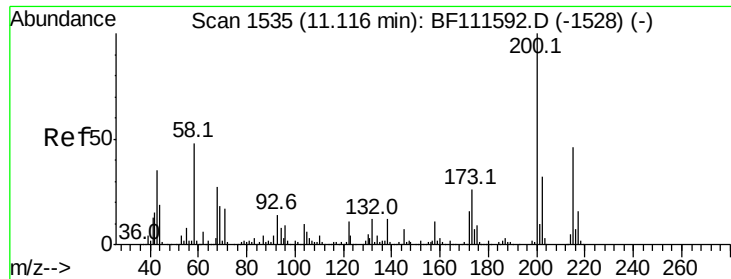
Sohil
12/26/2018 3:10:50 PM



#68
Hexachlorobenzene
Concen: 26.911 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.4	27.4	41.2#
249	29.9	24.4	36.6





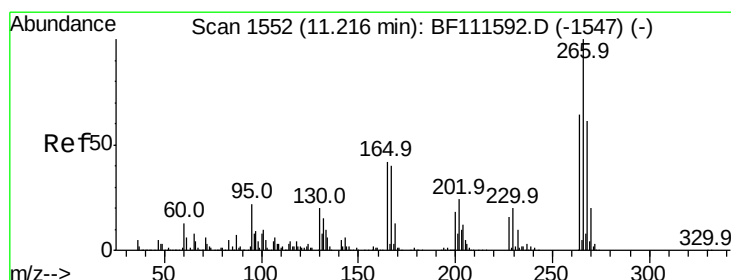
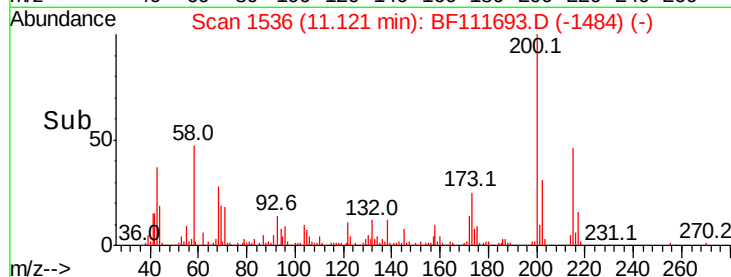
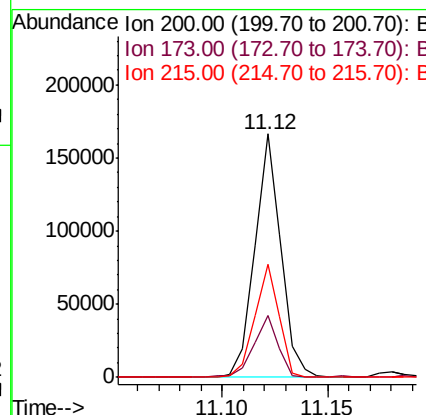
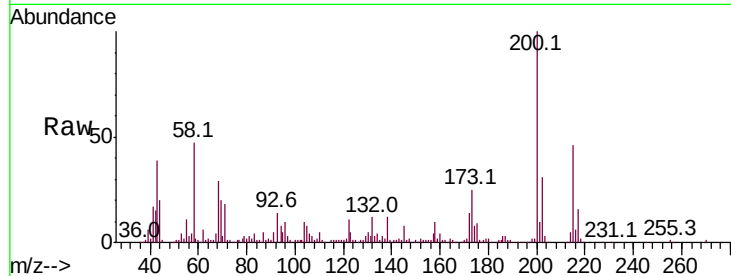
#69
Atrazine
Concen: 27.175 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	10.1	50.1
215	46.3	26.9	66.9

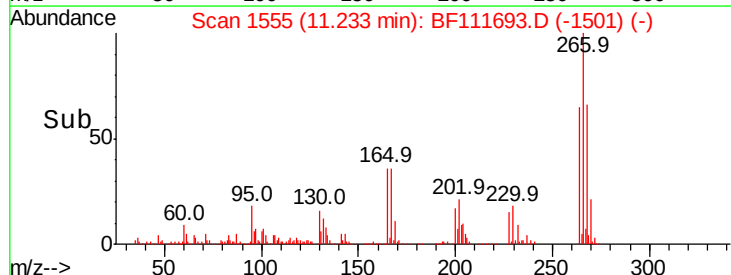
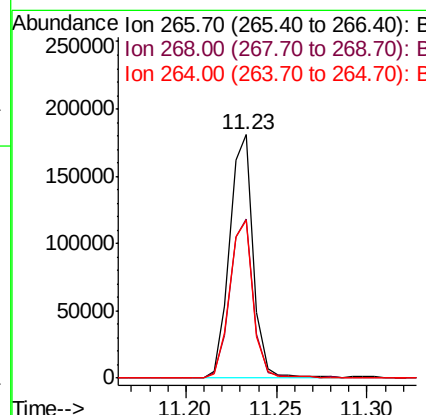
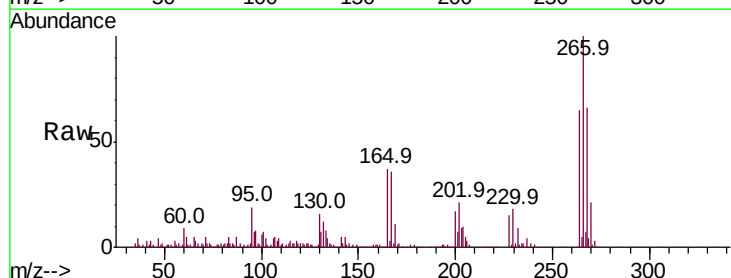
Manual Integrations
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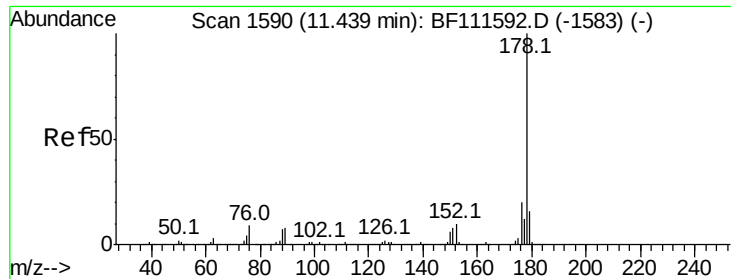
Sohil
12/26/2018 3:10:50 PM



#70
Pentachlorophenol
Concen: 43.036 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.02 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	47.9	71.9
264	65.0	49.1	73.7





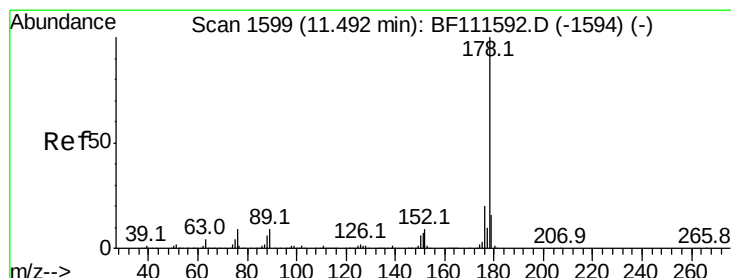
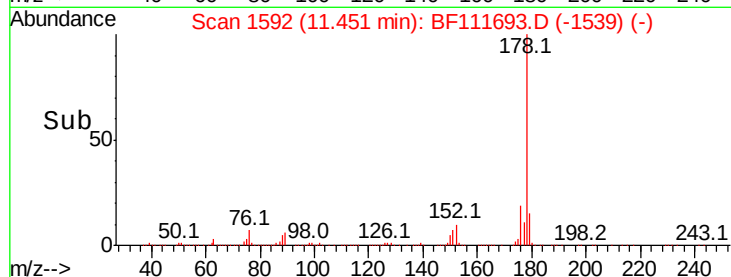
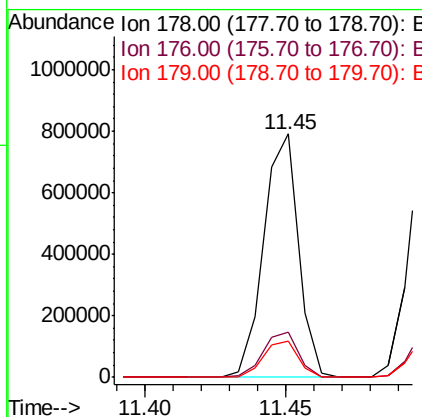
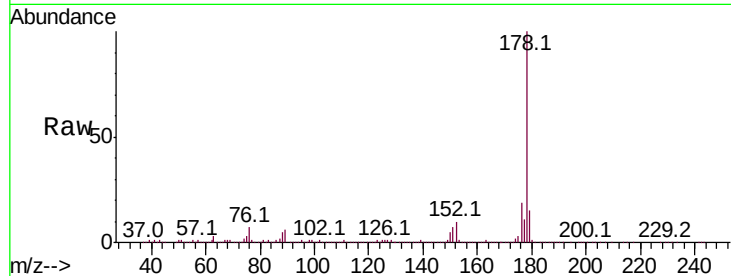
#71
Phenanthrene
Concen: 28.419 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	18.1	27.1
179	15.1	14.0	21.0

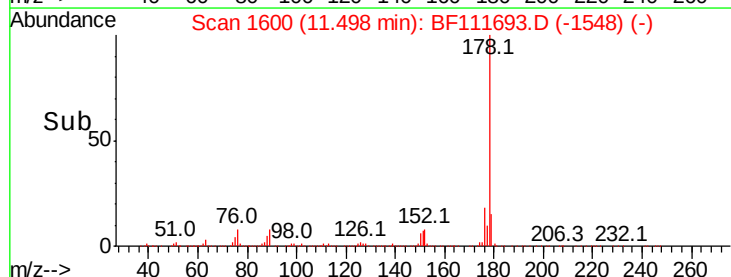
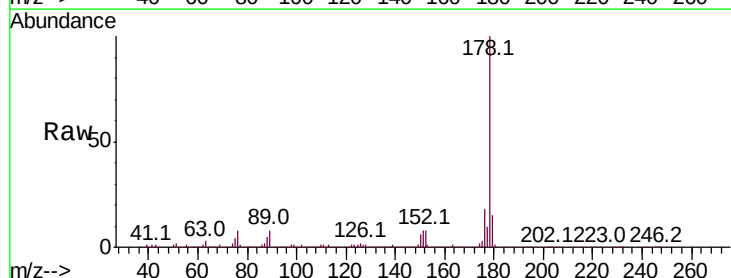
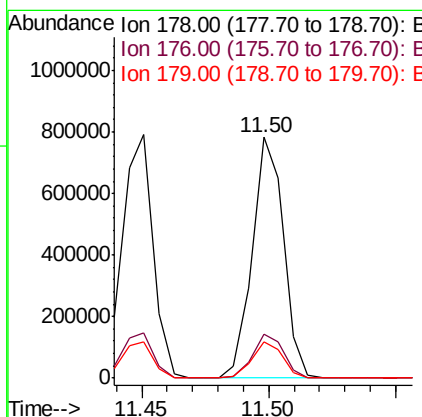
Manual Integrations
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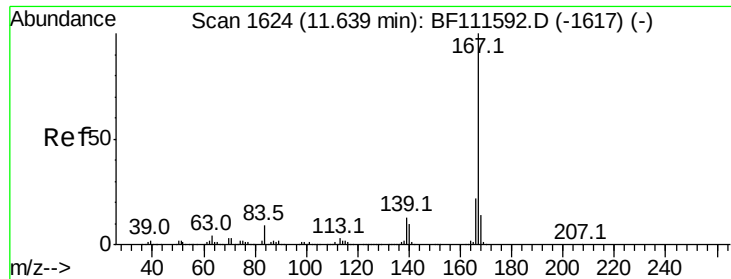
Sohil
12/26/2018 3:10:50 PM



#72
Anthracene
Concen: 28.060 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	17.2	25.8
179	15.2	13.8	20.8





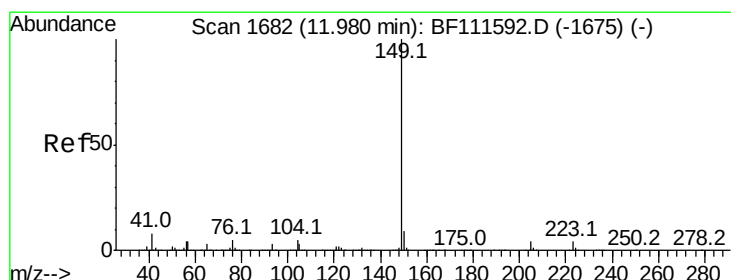
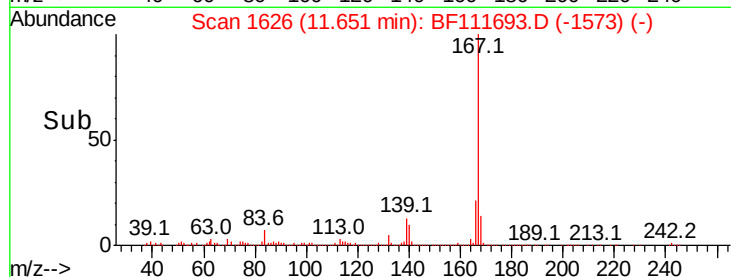
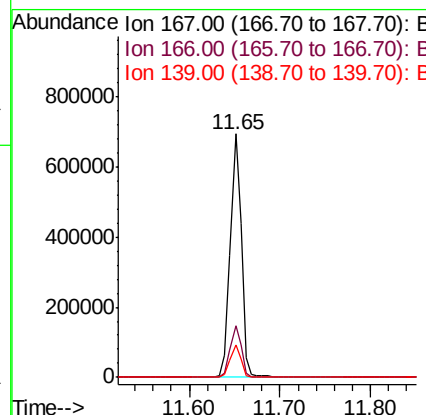
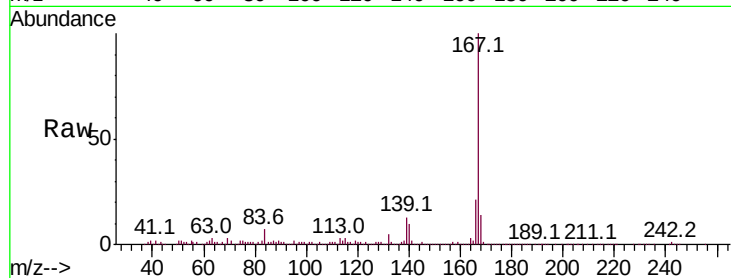
#73
 Carbazole
 Concen: 25.005 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF111693.D
 Acq: 21 Dec 2018 17:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	19.3	28.9
139	13.3	11.9	17.9

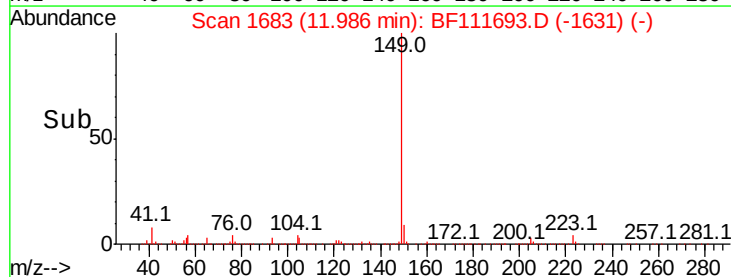
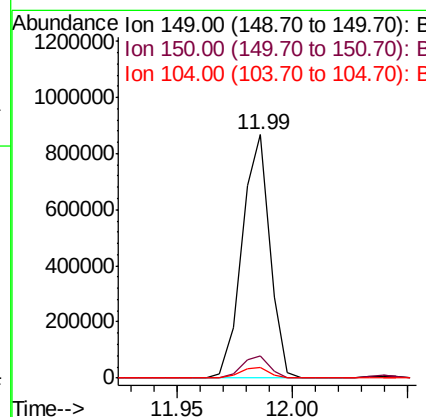
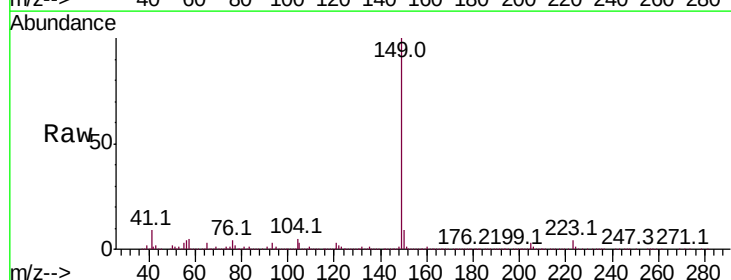
Manual Integrations
 APPROVED

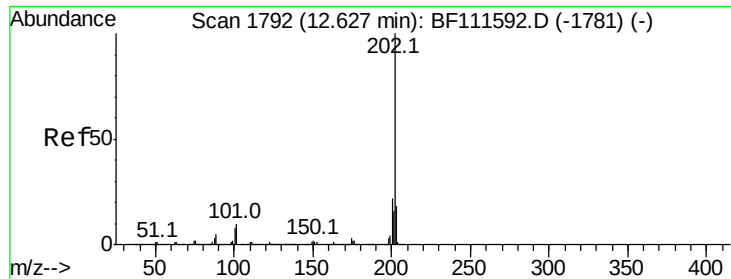
Sohil
 12/26/2018 3:10:50 PM



#74
 Di-n-butylphthalate
 Concen: 27.803 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF111693.D
 Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.8	13.2
104	4.5	4.5	6.7





#75

Fluoranthene

Concen: 27.699 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Instrument :

BNA_F

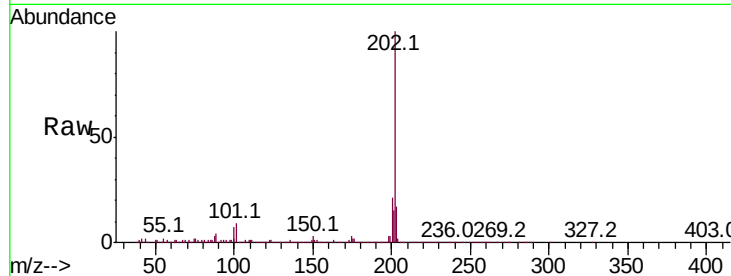
ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	667319		
101	9.0	0.0	33.8	
203	17.4	0.0	38.6	

Manual Integrations
APPROVED

Sohil
12/26/2018 3:10:50 PM

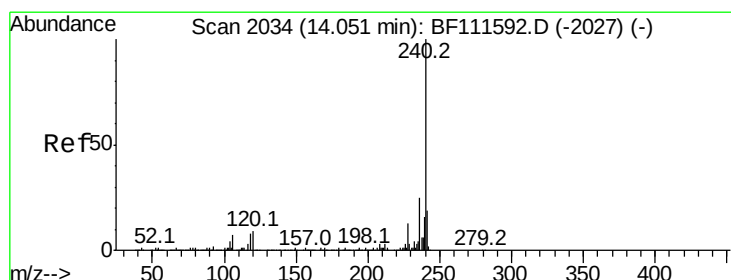
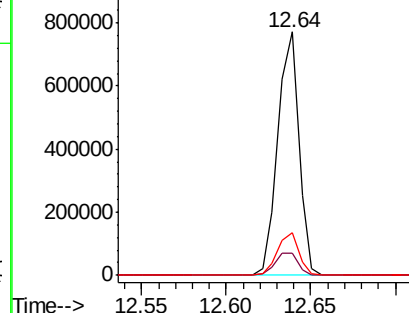
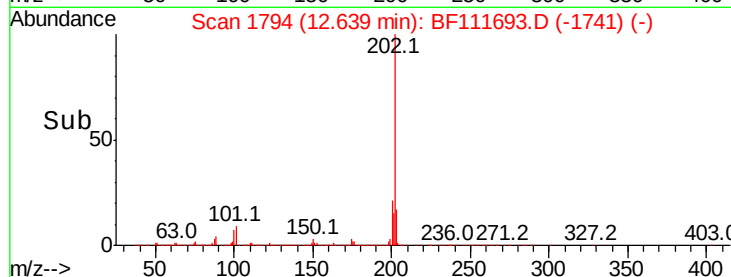


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

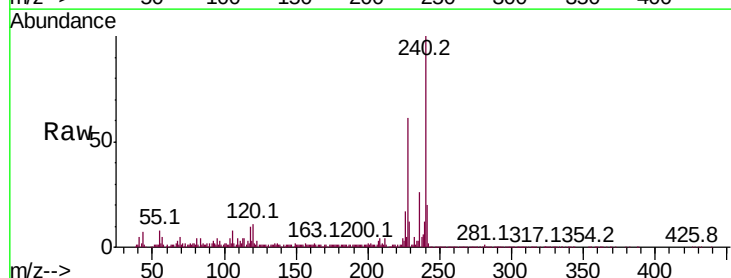
RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	329519		
120	11.0	12.2	18.2#	
236	26.1	20.2	30.2	

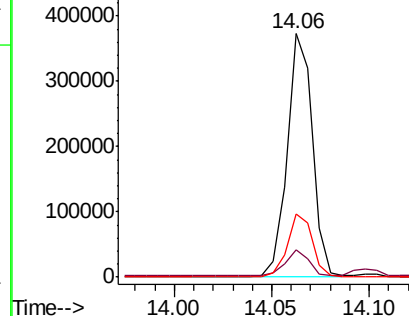
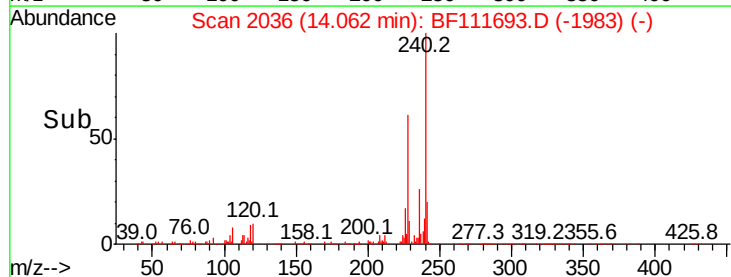


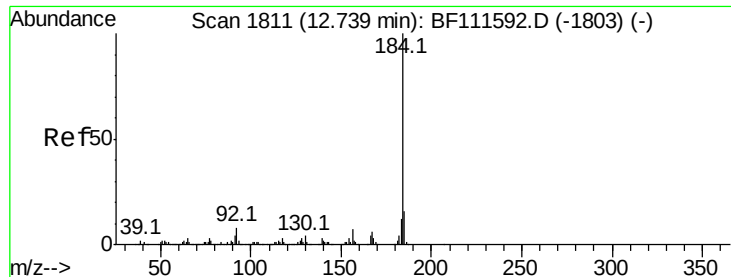
Abundance

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





#77

Benzidine

Concen: 2.191 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Instrument :

BNA_F

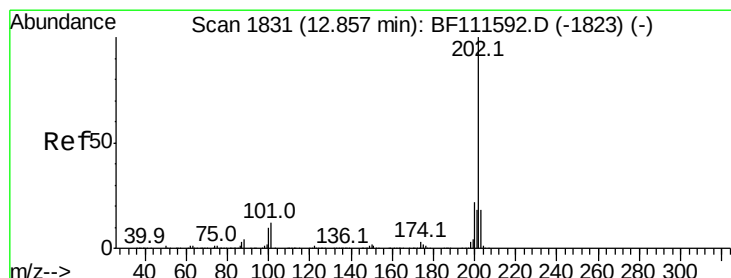
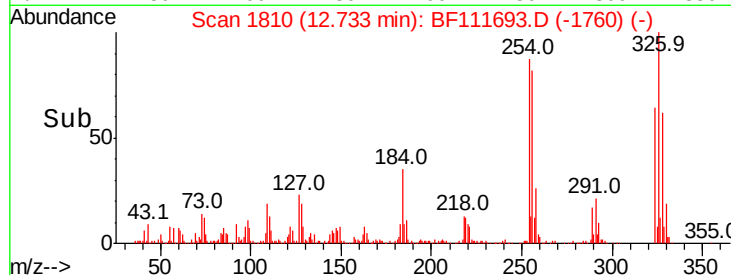
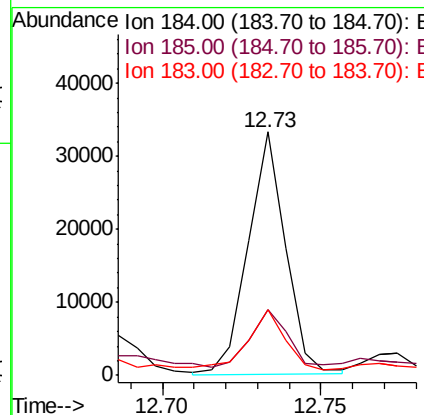
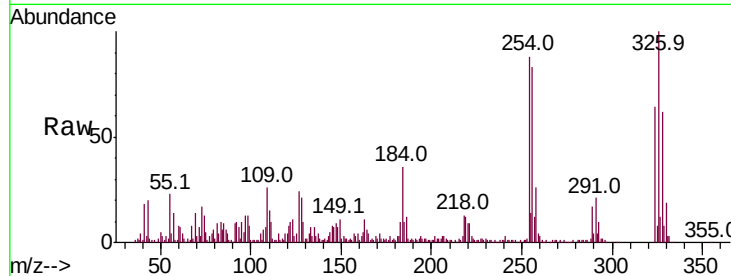
ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion:	184	Resp:	27173
Ion Ratio	Lower	Upper	
184	100		
185	27.1	13.0	19.6#
183	26.9	9.3	13.9#

Manual Integrations
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Sohil
12/26/2018 3:10:50 PM



#78

Pyrene

Concen: 28.556 ng

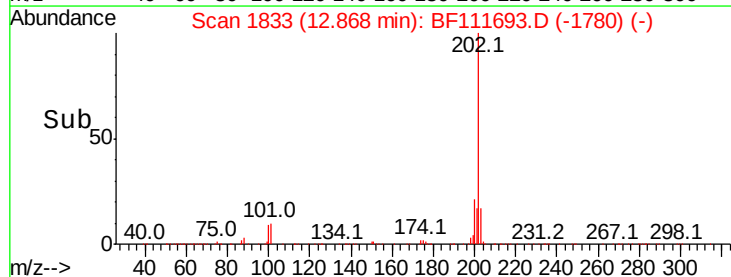
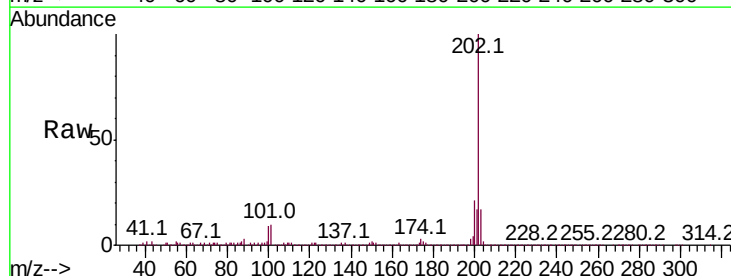
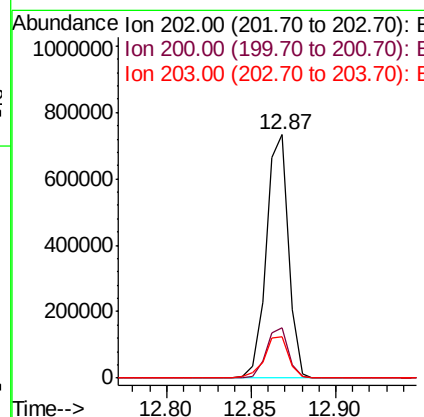
RT: 12.87 min Scan# 1833

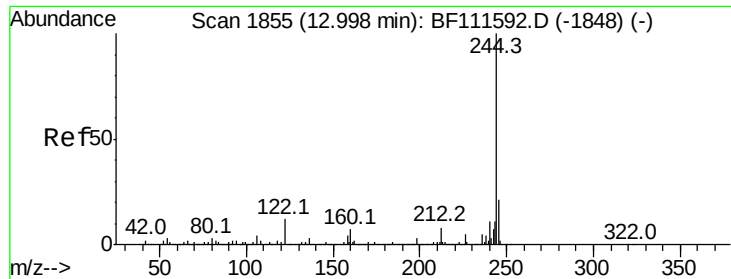
Delta R.T. 0.01 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Tgt Ion:	202	Resp:	664493
Ion Ratio	Lower	Upper	
202	100		
200	20.8	19.0	28.4
203	17.2	15.2	22.8





#79

Terphenyl-d14

Concen: 52.667 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Instrument :

BNA_F

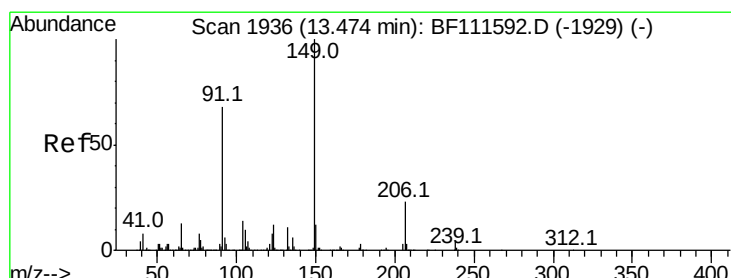
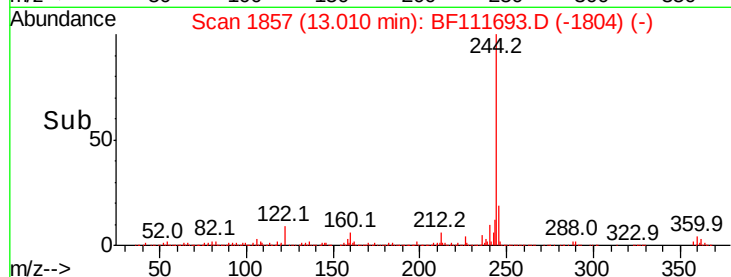
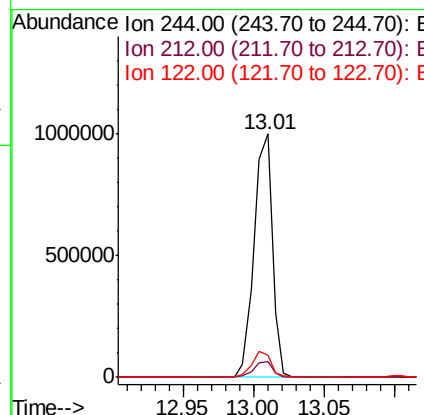
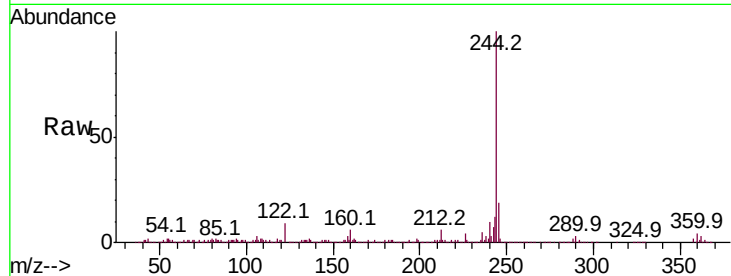
ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion:	244	Resp:	915132
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.7	8.5
122	8.9	13.1	19.7#

Manual Integrations
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Sohil
12/26/2018 3:10:50 PM



#80

Butylbenzylphthalate

Concen: 28.339 ng

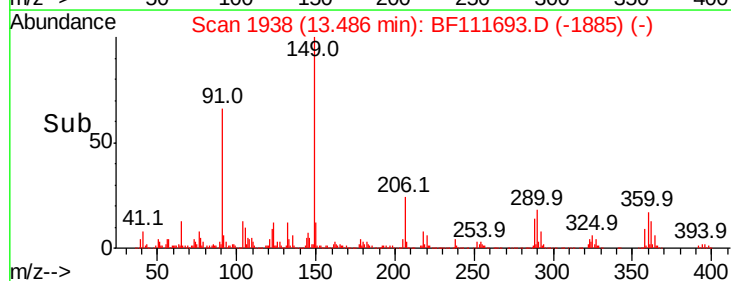
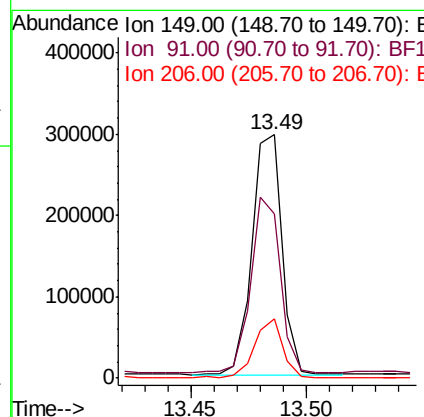
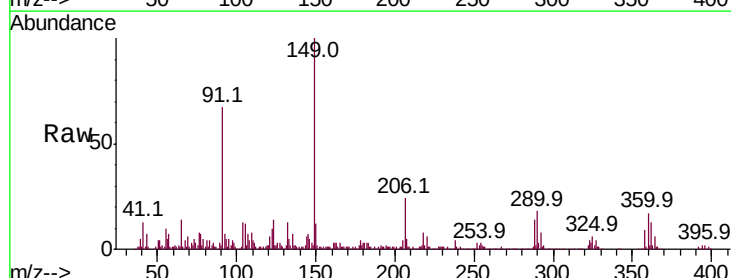
RT: 13.49 min Scan# 1938

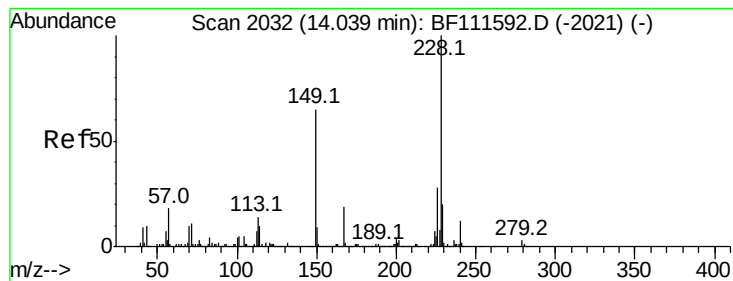
Delta R.T. 0.01 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Tgt Ion:	149	Resp:	268808
Ion Ratio	Lower	Upper	
149	100		
91	67.4	63.8	95.6
206	24.1	15.1	22.7#





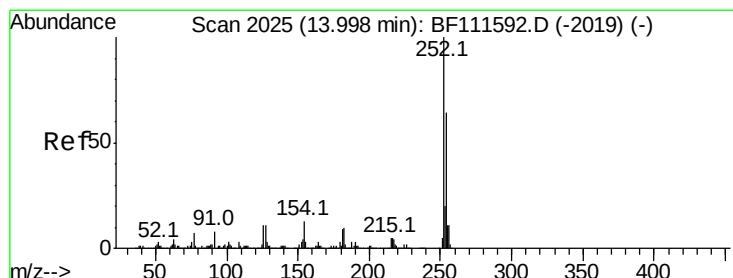
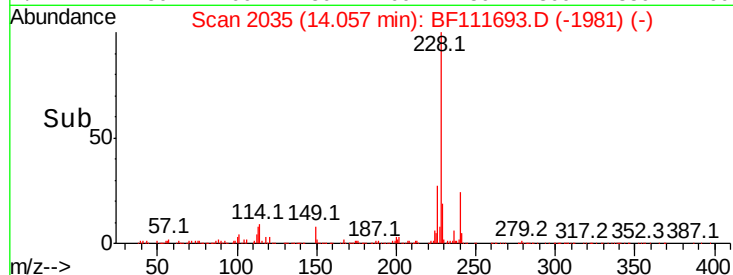
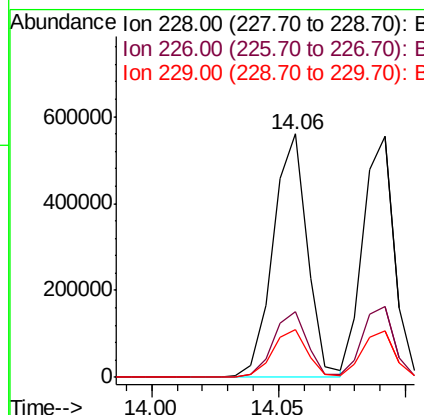
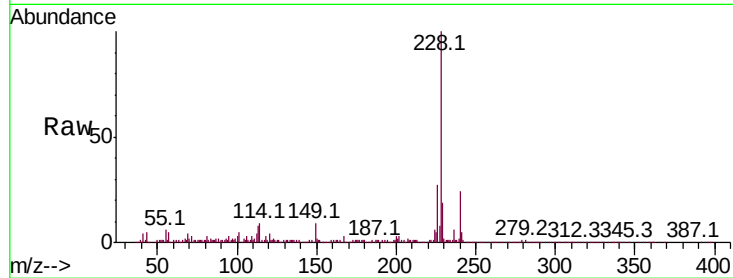
#81
Benzo(a)anthracene
Concen: 27.631 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion:	228	Resp:	519607
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.6	34.0
229	19.5	16.3	24.5

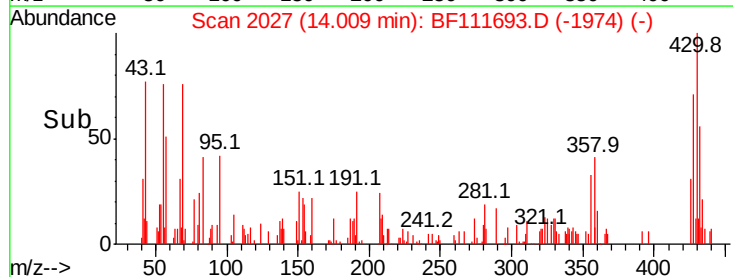
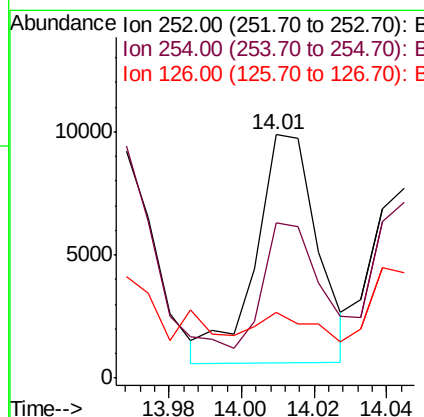
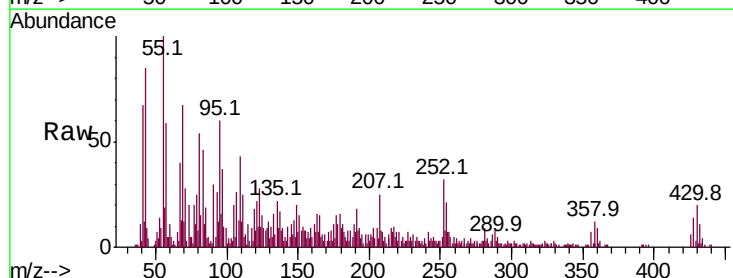
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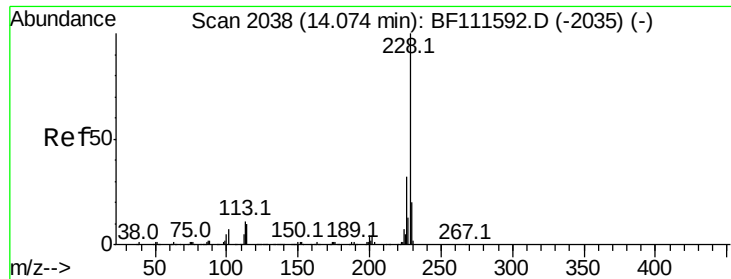
Sohil
12/26/2018 3:10:50 PM



#82
3,3'-Dichlorobenzidine
Concen: 1.486 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion:	252	Resp:	11041
Ion Ratio	Lower	Upper	
252	100		
254	63.6	52.7	79.1
126	27.2	11.1	16.7#





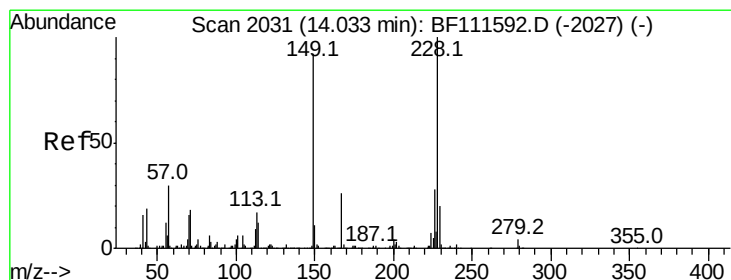
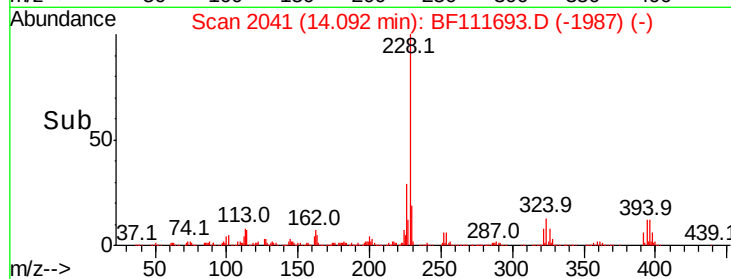
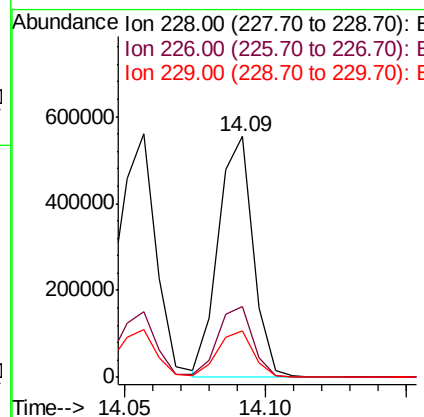
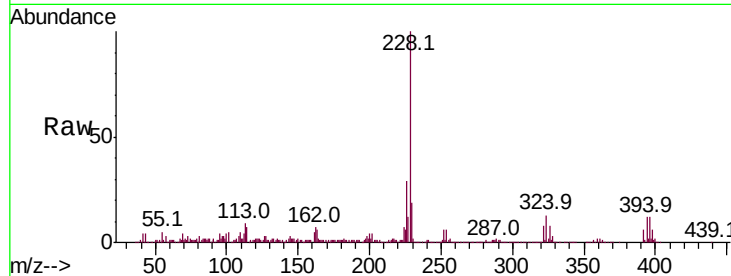
#83
 Chrysene
 Concen: 25.642 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.02 min
 Lab File: BF111693.D
 Acq: 21 Dec 2018 17:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.3	37.9
229	19.1	17.2	25.8

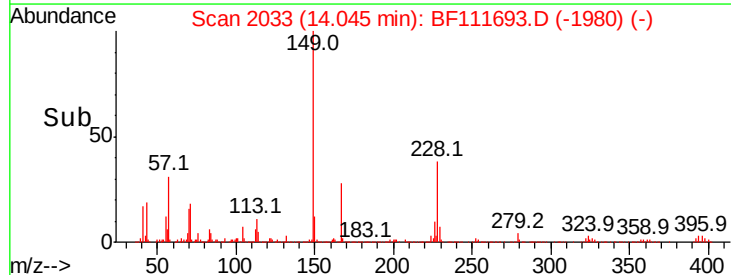
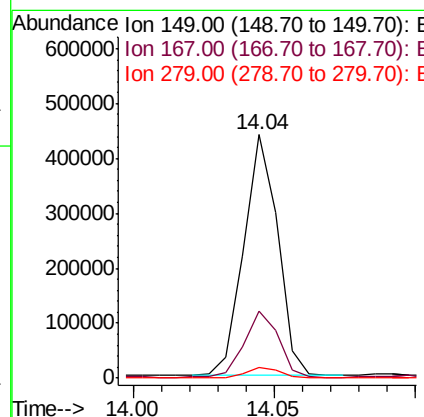
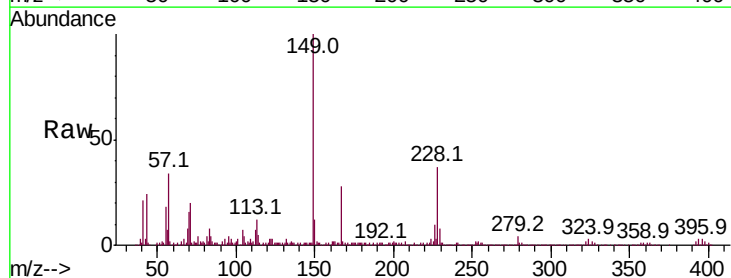
Manual Integrations
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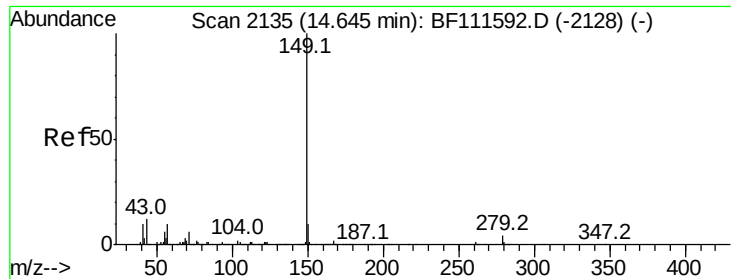
Sohil
 12/26/2018 3:10:50 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 30.581 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF111693.D
 Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.5	33.7
279	4.1	2.6	4.0#





#85

Di-n-octyl phthalate

Concen: 29.903 ng

RT: 14.66 min Scan# 2138

Delta R.T. 0.02 min

Lab File: BF111693.D

Acq: 21 Dec 2018 17:56

Instrument :

BNA_F

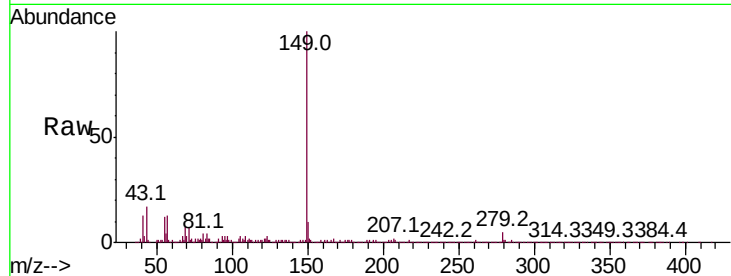
ClientSampleId :

P001-SS025-1218-01MSD

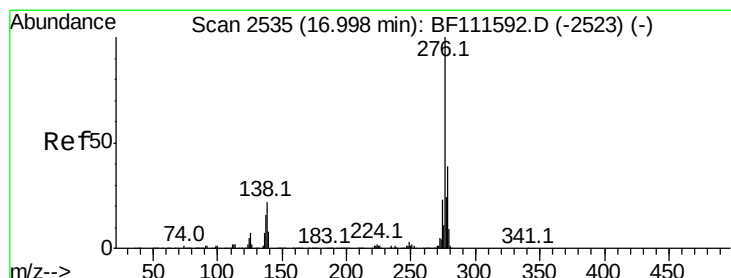
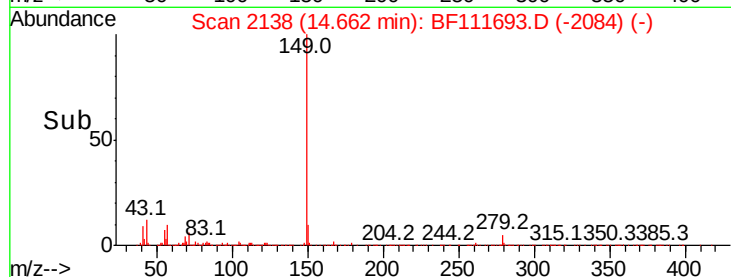
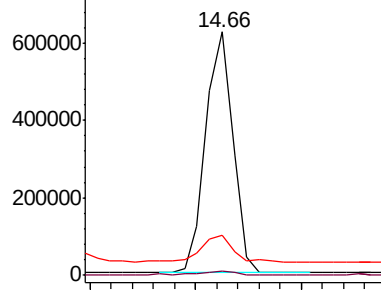
Tot Ion:	149	Resp:	553555
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.3	1.9
43	14.1	10.9	16.3

Manual Integrations
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12/26/2018 3:10:50 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 24.364 ng

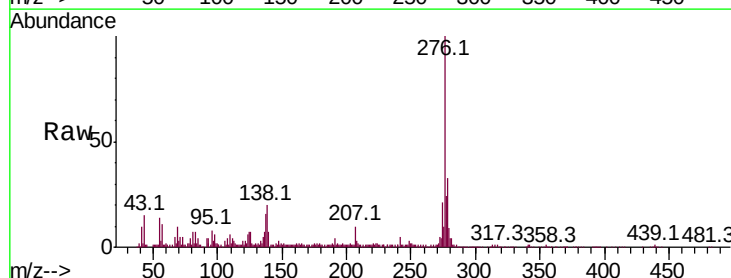
RT: 17.04 min Scan# 2543

Delta R.T. 0.05 min

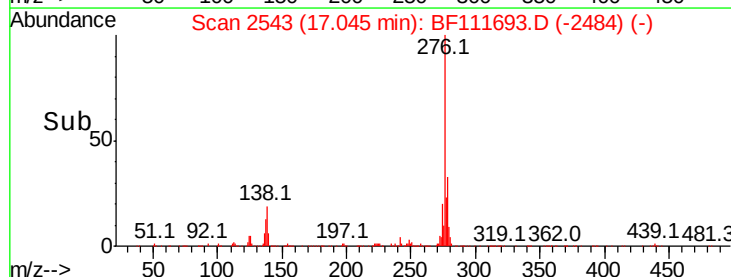
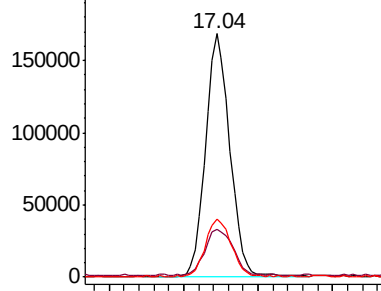
Lab File: BF111693.D

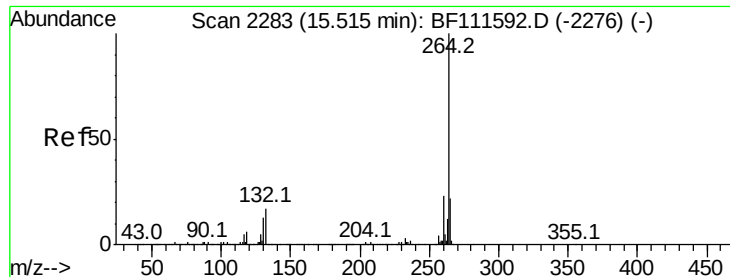
Acq: 21 Dec 2018 17:56

Tgt Ion:	276	Resp:	382823
Ion Ratio	Lower	Upper	
276	100		
138	21.8	27.8	41.6#
277	24.6	20.1	30.1



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





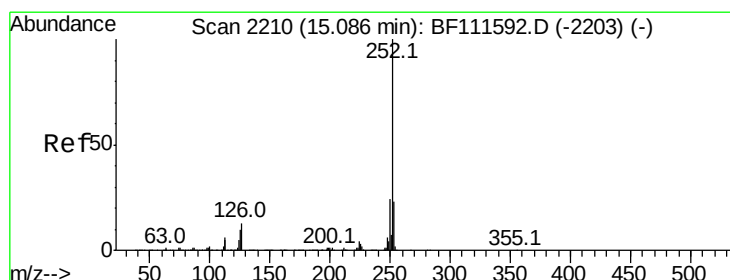
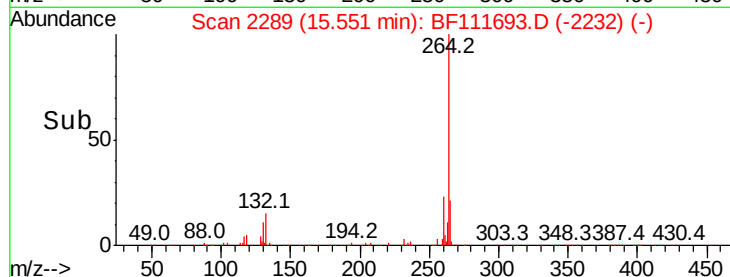
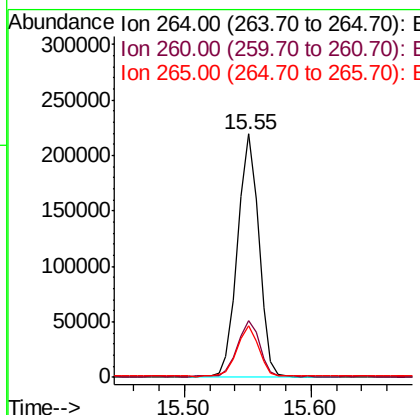
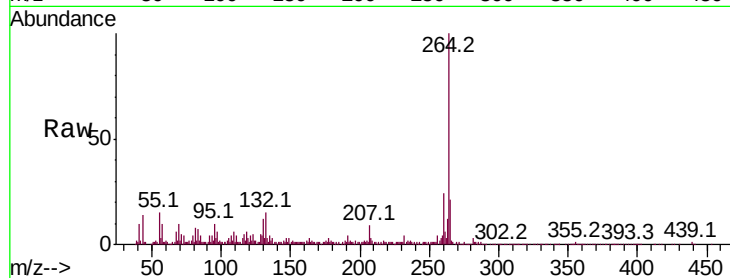
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	21.3	17.7	26.5

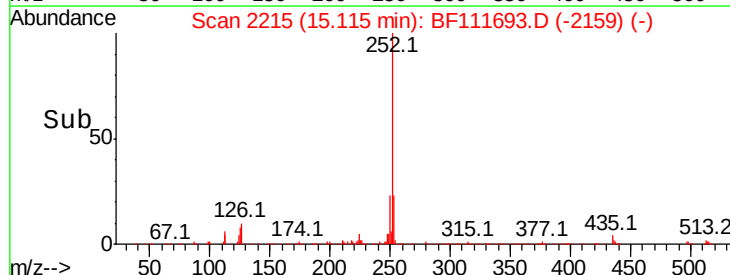
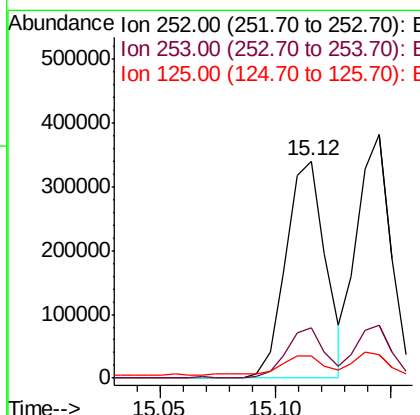
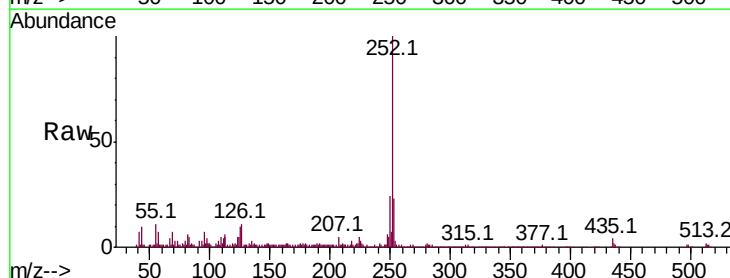
Manual Integrations
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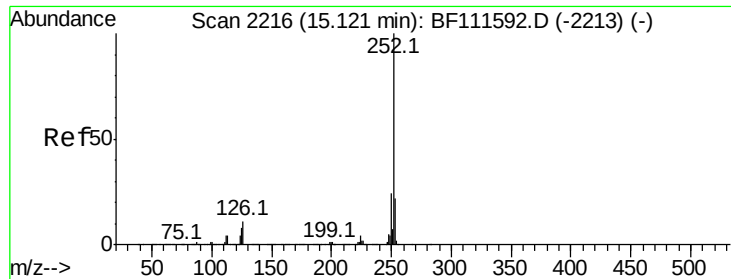
Sohil
12/26/2018 3:10:50 PM



#88
Benzo(b)fluoranthene
Concen: 27.399 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.03 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	10.0	10.4	15.6





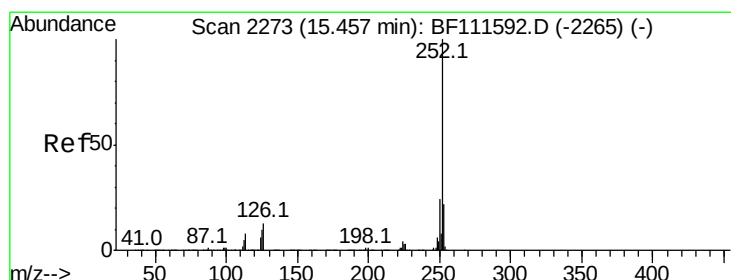
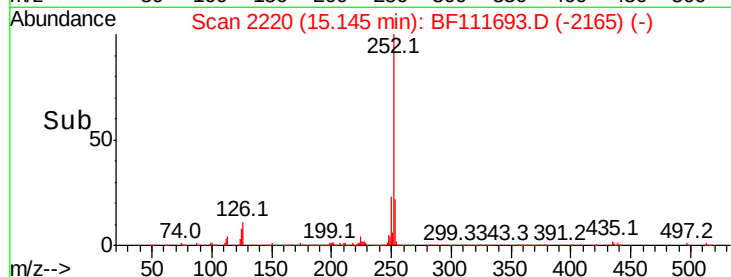
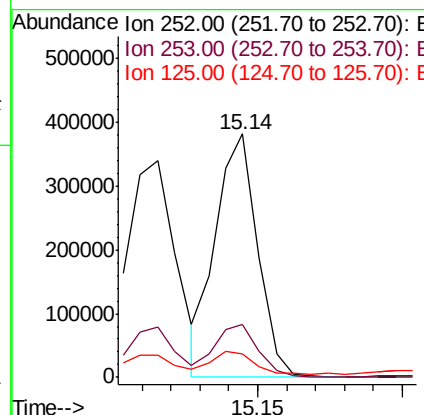
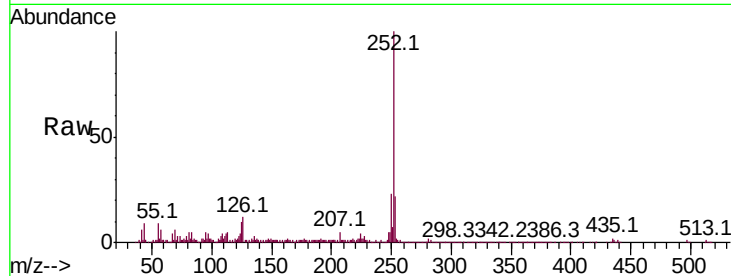
#89
Benzo(k)fluoranthene
Concen: 27.724 ng m
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	9.6	9.8	14.8

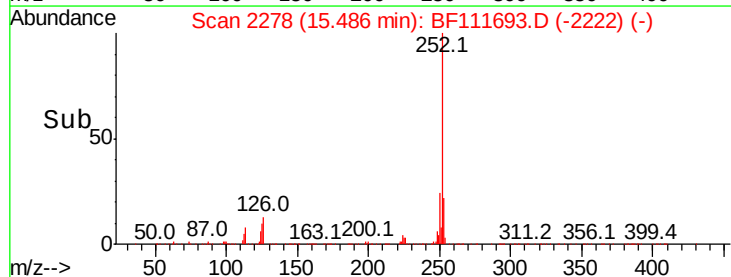
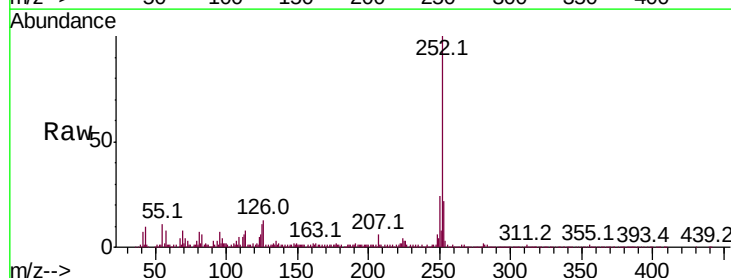
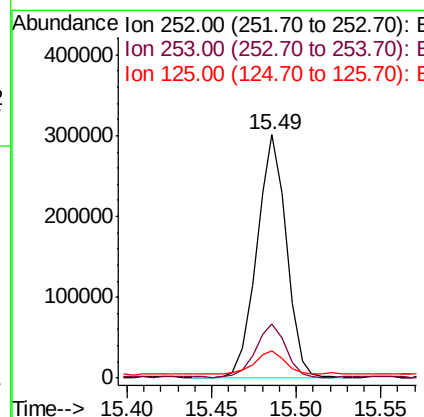
Manual Integrations
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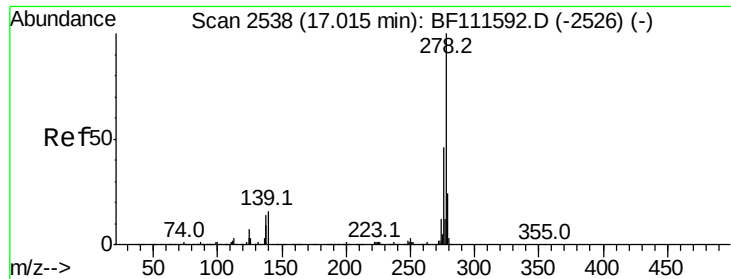
Sohil
12/26/2018 3:10:50 PM



#90
Benzo(a)pyrene
Concen: 27.233 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.03 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	11.0	12.3	18.5





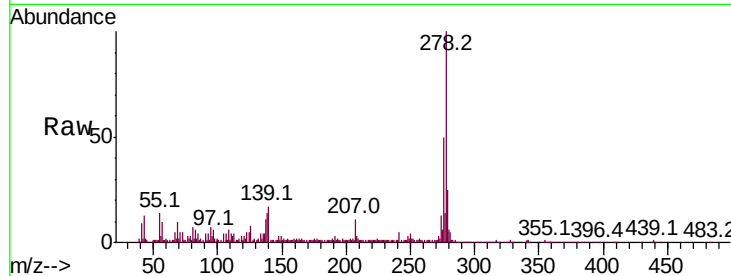
#91
Dibenzo(a,h)anthracene
Concen: 26.899 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.05 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	18.2	27.4#
279	24.5	19.0	28.6

Manual Integrations
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12/26/2018 3:10:50 PM

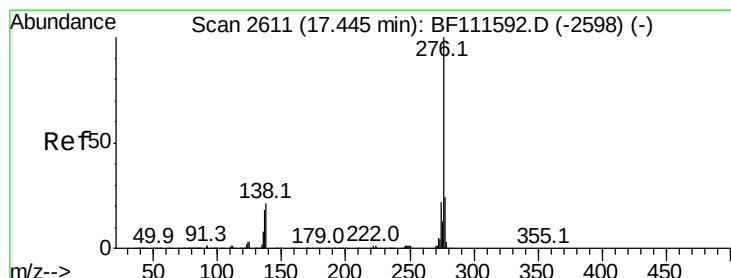
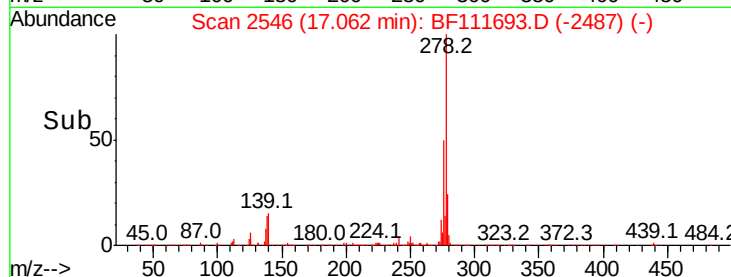
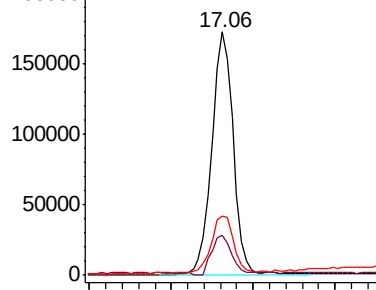


Abundance

Ion 278.00 (277.70 to 278.70): E

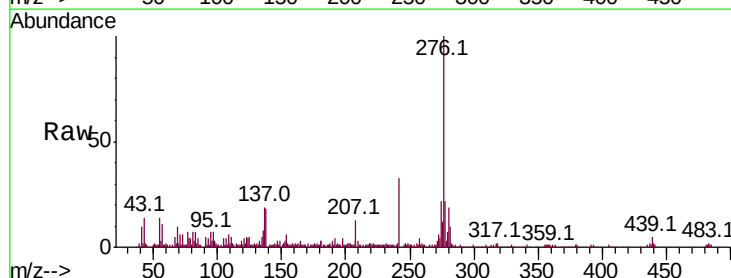
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 26.063 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.05 min
Lab File: BF111693.D
Acq: 21 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.3	19.2	28.8
138	18.3	24.9	37.3#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

