

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
 Data File : BF111681.D
 Acq On : 21 Dec 2018 12:15
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 12/26/2018 3:10:35 PM

Quant Time: Dec 21 22:46:41 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	180676	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	672147	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	346987	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	666483	20.00	ng	0.00
76) Chrysene-d12	14.06	240	549479	20.00	ng	0.00
87) Perylene-d12	15.53	264	384781	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	885013	83.49	ng	0.00
7) Phenol-d6	6.52	99	1139601	84.48	ng	0.00
23) Nitrobenzene-d5	7.46	82	1067774	92.47	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	377909	92.17	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1945500	81.72	ng	0.00
79) Terphenyl-d14	13.00	244	2305558	79.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	198218	39.746	ng	96
3) Pyridine	3.45	79	521520	40.140	ng	98
4) n-Nitrosodimethylamine	3.39	42	260464	40.962	ng	84
6) Aniline	6.56	93	723140	42.055	ng	99
8) 2-Chlorophenol	6.69	128	497761	42.392	ng	94
9) Benzaldehyde	6.45	77	379205	40.873	ng	96
10) Phenol	6.54	94	642913	42.240	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	462514	40.552	ng	99
12) 1,3-Dichlorobenzene	6.84	146	575029	42.258	ng	97
13) 1,4-Dichlorobenzene	6.92	146	579638	42.002	ng	97
14) 1,2-Dichlorobenzene	7.07	146	546568	42.450	ng	97
15) Benzyl Alcohol	7.03	79	461784	43.103	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	807906	38.460	ng	99
17) 2-Methylphenol	7.15	107	395127	42.026	ng	95
18) Hexachloroethane	7.42	117	197968	42.570	ng	# 85
19) n-Nitroso-di-n-propylamine	7.31	70	368220	41.102	ng	97
20) 3+4-Methylphenols	7.30	107	503437	42.377	ng	# 90
22) Acetophenone	7.30	105	704286	41.360	ng	# 94
24) Nitrobenzene	7.48	77	542712	44.842	ng	96
25) Isophorone	7.72	82	839191	40.936	ng	98
26) 2-Nitrophenol	7.79	139	264212	53.828	ng	95
27) 2,4-Dimethylphenol	7.83	122	401280	41.472	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	556569	40.799	ng	99
29) 2,4-Dichlorophenol	8.03	162	440561	42.332	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	483278	41.671	ng	98
31) Naphthalene	8.20	128	1353457	41.908	ng	97
32) Benzoic acid	7.94	122	313301m	48.972	ng	
33) 4-Chloroaniline	8.25	127	602154	43.138	ng	99
34) Hexachlorobutadiene	8.33	225	295655	41.829	ng	98
35) Caprolactam	8.62	113	157438m	44.643	ng	
36) 4-Chloro-3-methylphenol	8.72	107	447039	43.697	ng	99
37) 2-Methylnaphthalene	8.89	142	892014	42.453	ng	99
38) 1-Methylnaphthalene	8.99	142	858142	42.525	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	476991	41.834	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	259680	46.933	nq	98
43) 2,4,6-Trichlorophenol	9.17	196	325594	42.771	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	340457	43.594	nq	95
46) 1,1'-Biphenyl	9.36	154	1232339	42.072	nq	96
47) 2-Chloronaphthalene	9.38	162	973715	41.958	nq	95
48) 2-Nitroaniline	9.47	65	304376	50.416	nq	99
49) Acenaphthylene	9.80	152	1447064	42.707	nq	96
50) Dimethylphthalate	9.66	163	1070963	42.207	nq	98
51) 2,6-Dinitrotoluene	9.71	165	248400	49.095	nq	88
52) Acenaphthene	9.97	154	910766	43.581	nq	99
53) 3-Nitroaniline	9.88	138	279841	51.861	nq	97
54) 2,4-Dinitrophenol	9.98	184	97367	61.795	nq	# 62
55) Dibenzofuran	10.14	168	1343398	42.549	nq	96
56) 4-Nitrophenol	10.03	139	217490	52.815	nq	92
57) 2,4-Dinitrotoluene	10.12	165	328393	54.004	nq	# 90
58) Fluorene	10.48	166	957152	42.071	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	292435	44.495	nq	90
60) Diethylphthalate	10.36	149	1045446	42.002	nq	98
61) 4-Chlorophenyl-phenylether	10.47	204	524948	41.763	nq	93
62) 4-Nitroaniline	10.49	138	273932	52.232	nq	91
63) Azobenzene	10.63	77	1037821	41.532	nq	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	155296	55.210	nq	83
66) n-Nitrosodiphenylamine	10.59	169	929926	41.565	nq	98
67) 4-Bromophenyl-phenylether	10.96	248	348148	42.115	nq	94
68) Hexachlorobenzene	11.03	284	389192	42.225	nq	95
69) Atrazine	11.12	200	321224	41.329	nq	97
70) Pentachlorophenol	11.22	266	255619	44.861	nq	97
71) Phenanthrene	11.45	178	1495609	42.313	nq	95
72) Anthracene	11.49	178	1499010	42.252	nq	96
73) Carbazole	11.65	167	1487685	43.191	nq	96
74) Di-n-butylphthalate	11.98	149	1578392	40.870	nq	97
75) Fluoranthene	12.63	202	1560480	43.597	nq	96
77) Benzidine	12.74	184	775117	37.488	nq	99
78) Pyrene	12.86	202	1603039	41.312	nq	97
80) Butylbenzylphthalate	13.47	149	675436	42.703	nq	87
81) Benzo(a)anthracene	14.04	228	1331009	42.445	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	545349	44.015	nq	# 95
83) Chrysene	14.08	228	1294870	42.013	nq	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	832202	41.770	nq	97
85) Di-n-octyl phthalate	14.64	149	1238551	40.124	nq	95
86) Indeno(1,2,3-cd)pyrene	17.01	276	926332	35.355	nq	# 88
88) Benzo(b)fluoranthene	15.09	252	1026735	45.657	nq	# 97
89) Benzo(k)fluoranthene	15.13	252	954091	44.564	nq	# 95
90) Benzo(a)pyrene	15.46	252	878857	43.017	nq	# 94
91) Dibenzo(a,h)anthracene	17.03	278	767186	42.882	nq	# 92
92) Benzo(g,h,i)perylene	17.46	276	784385	44.900	nq	# 86

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

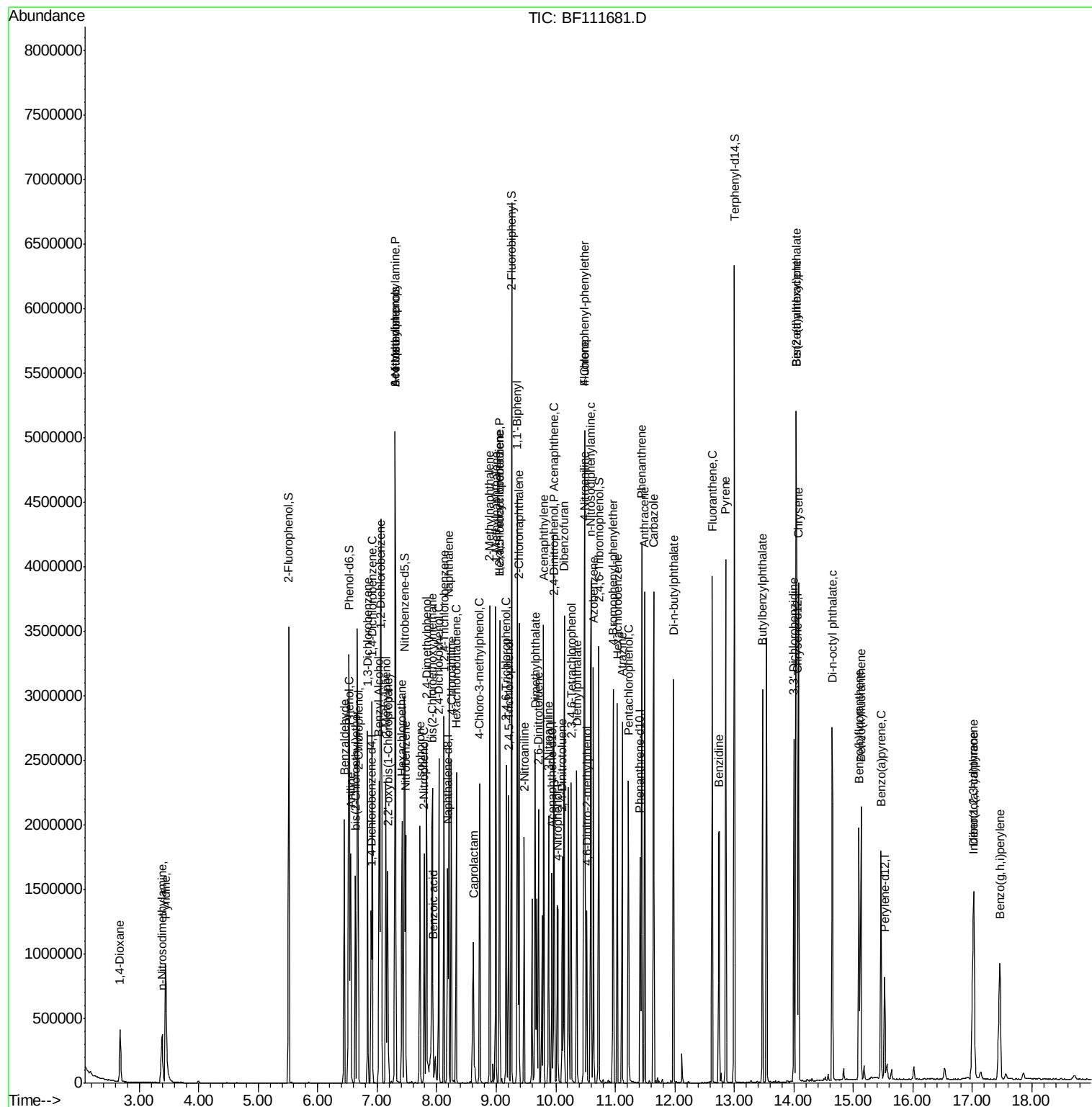
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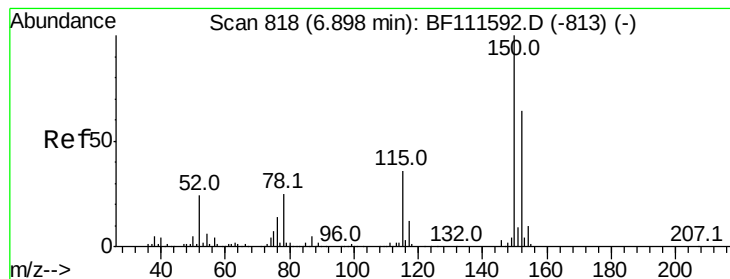
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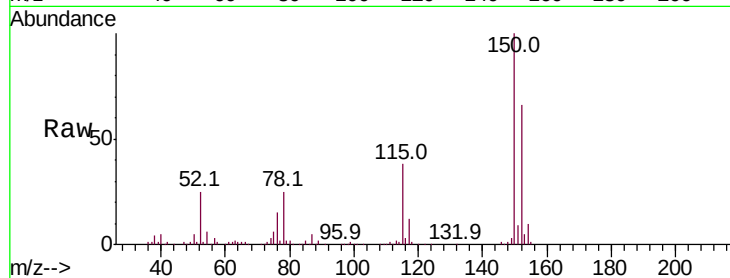
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	126.6	189.8
115	57.4	50.7	76.1

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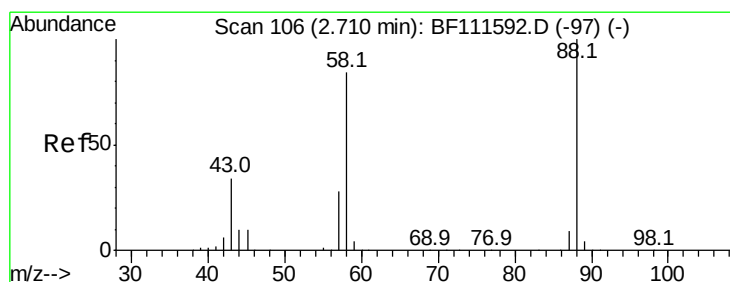
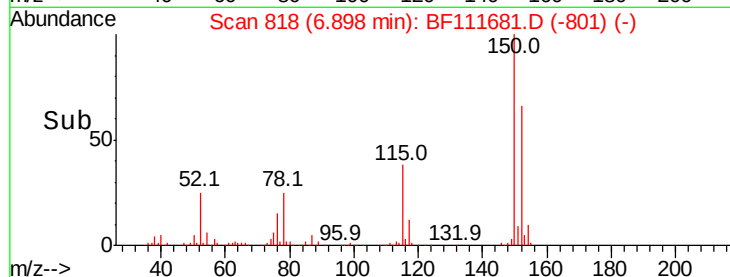
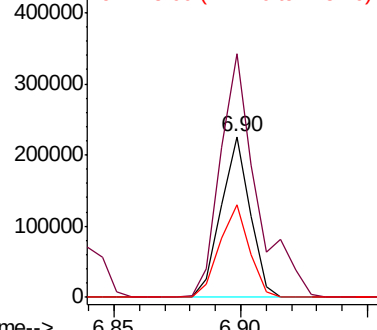


Abundance

Ion 152.00 (151.70 to 152.70): E

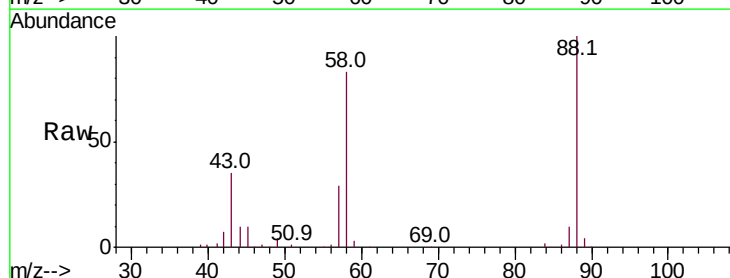
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 39.746 ng
 RT: 2.68 min Scan# 101
 Delta R.T. -0.03 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.0	68.9	103.3
43	35.4	25.8	38.6

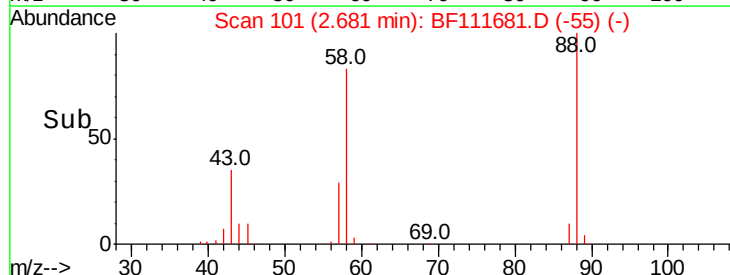
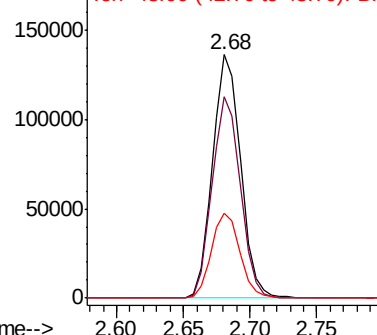


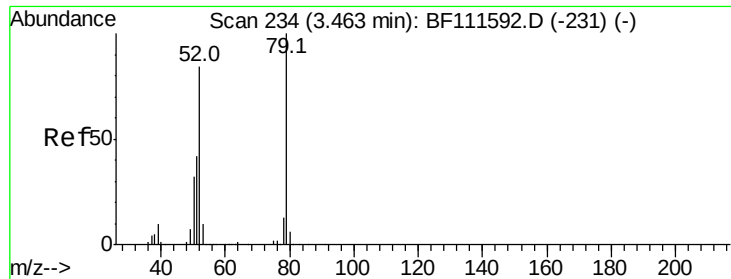
Abundance

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





#3

Pvridine

Concen: 40.140 ng

RT: 3.45 min Scan# 231

Delta R.T. -0.02 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

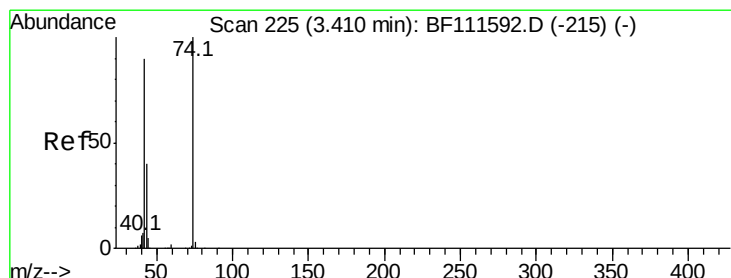
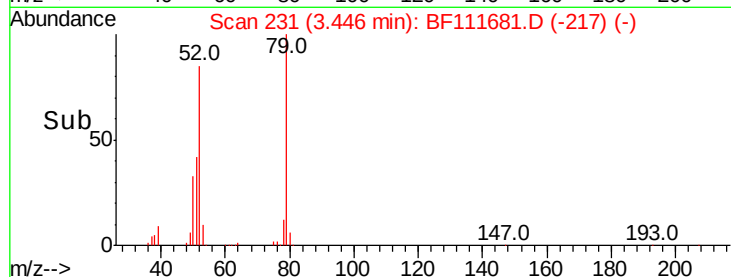
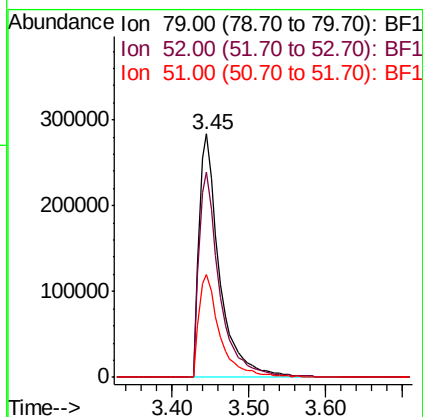
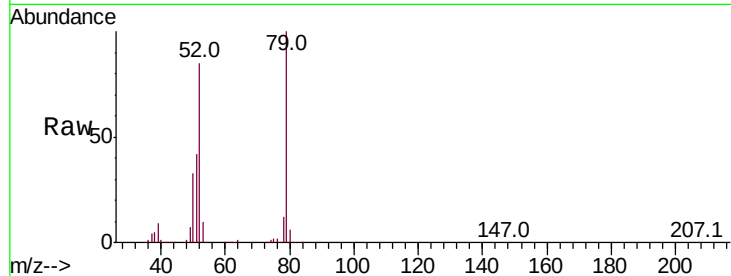
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	521520
Ion Ratio	Lower	Upper	
79	100		
52	84.5	68.3	102.5
51	42.5	32.6	49.0

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#4

n-Nitrosodimethylamine

Concen: 40.962 ng

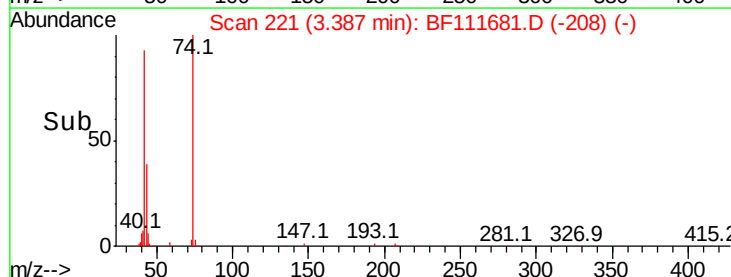
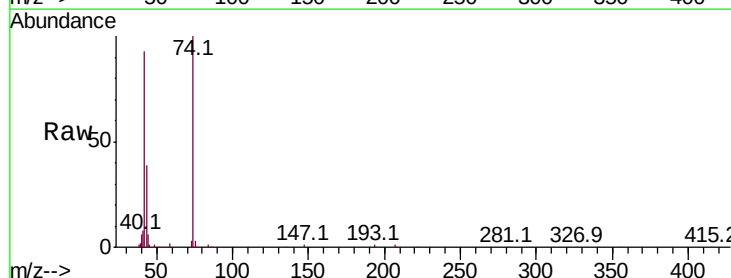
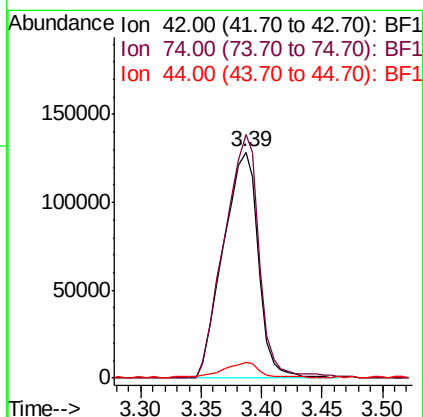
RT: 3.39 min Scan# 221

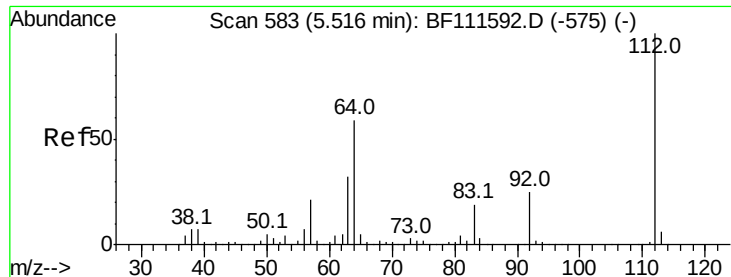
Delta R.T. -0.02 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Tgt Ion:	42	Resp:	260464
Ion Ratio	Lower	Upper	
42	100		
74	107.8	101.5	152.3
44	6.8	6.0	9.0





#5

2-Fluorophenol

Concen: 83.494 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

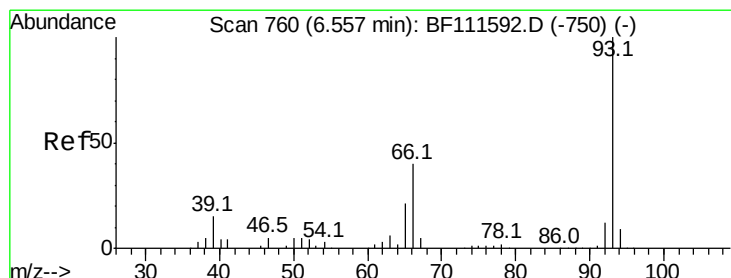
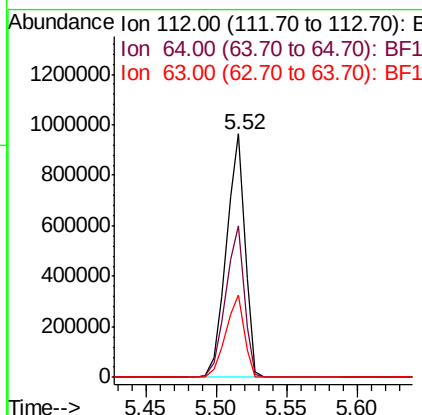
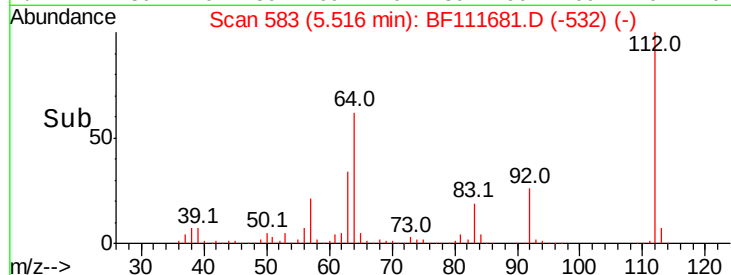
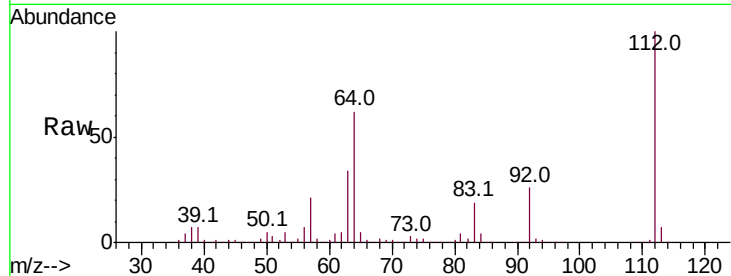
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	885013
Ion Ratio	Lower	Upper	
112	100		
64	62.2	51.8	77.6
63	33.9	26.8	40.2

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#6

Aniline

Concen: 42.055 ng

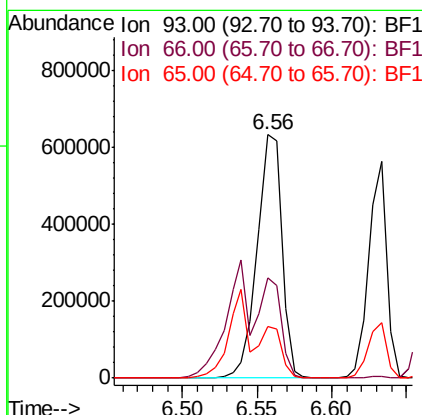
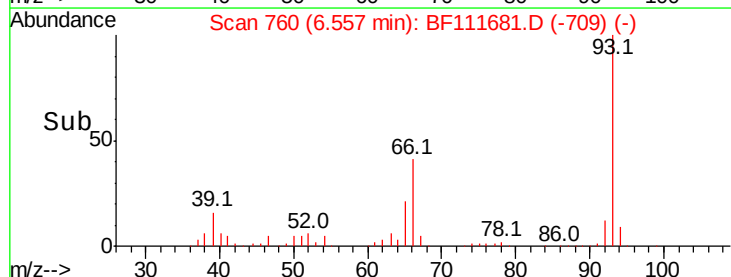
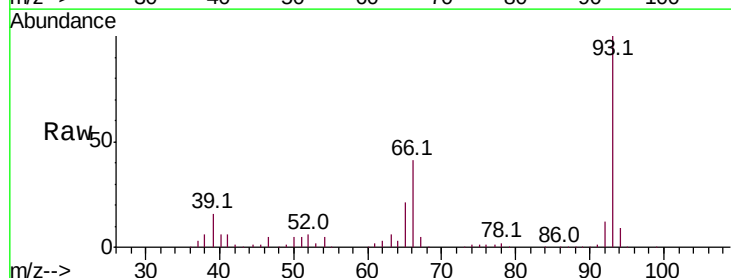
RT: 6.56 min Scan# 760

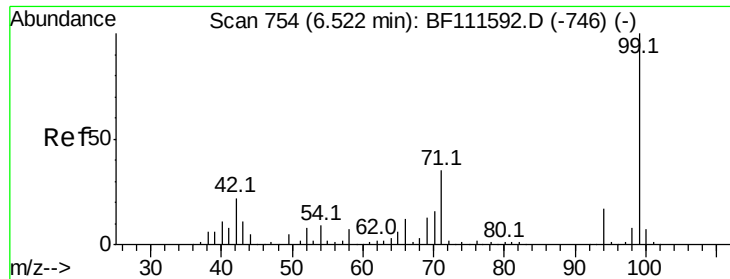
Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Tgt Ion:	93	Resp:	723140
Ion Ratio	Lower	Upper	
93	100		
66	41.1	33.2	49.8
65	21.4	17.0	25.4





#7

Phenol-d6

Concen: 84.479 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1139601

Ion Ratio Lower Upper

99 100

42 23.2 17.4 26.0

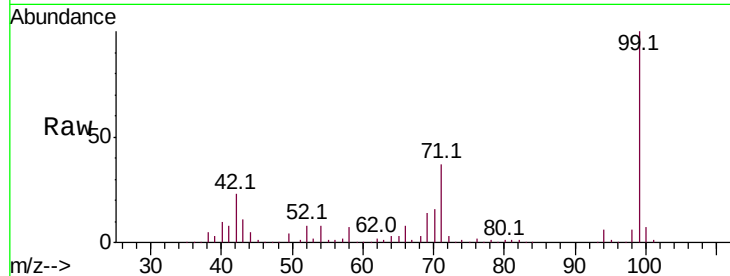
71 36.9 26.1 39.1

Manual Integrations

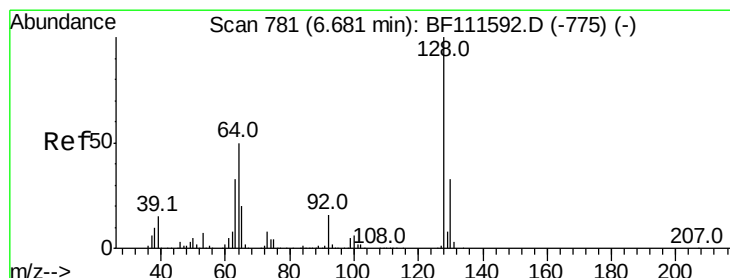
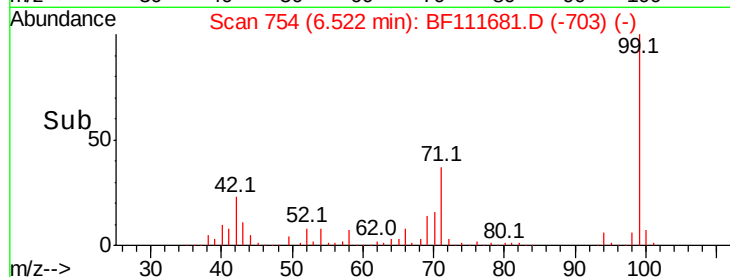
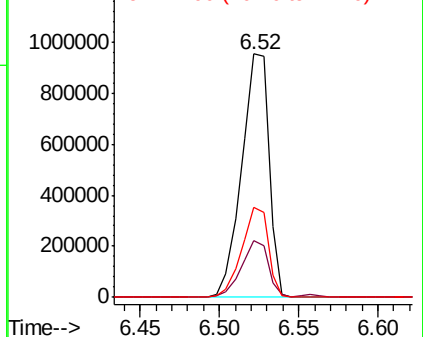
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.392 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

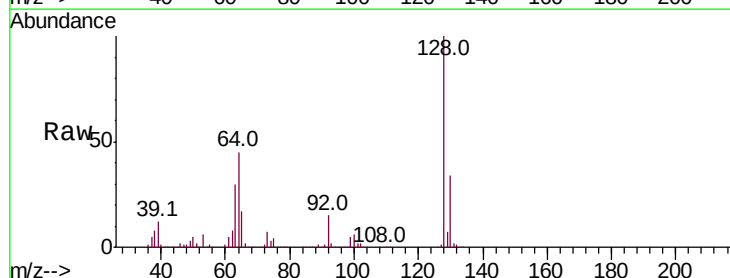
Tgt Ion:128 Resp: 497761

Ion Ratio Lower Upper

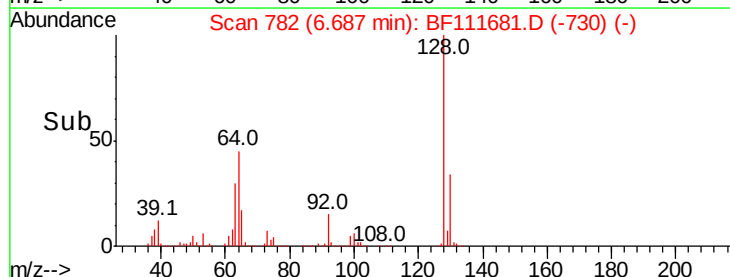
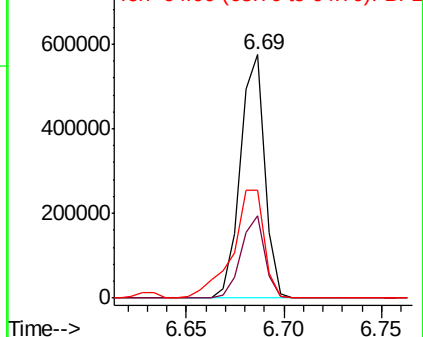
128 100

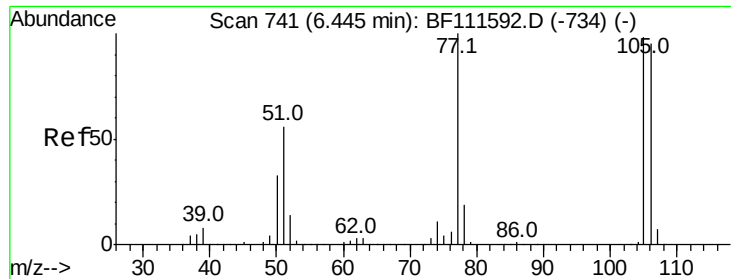
130 33.7 12.7 52.7

64 44.5 30.0 70.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.873 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

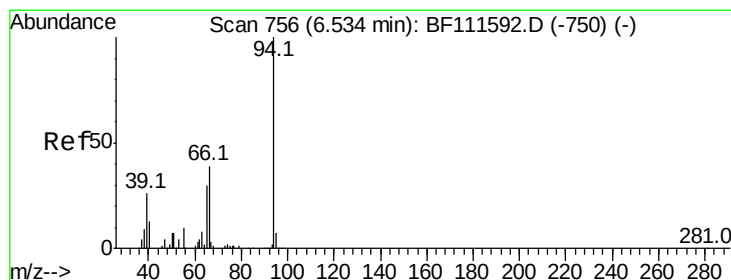
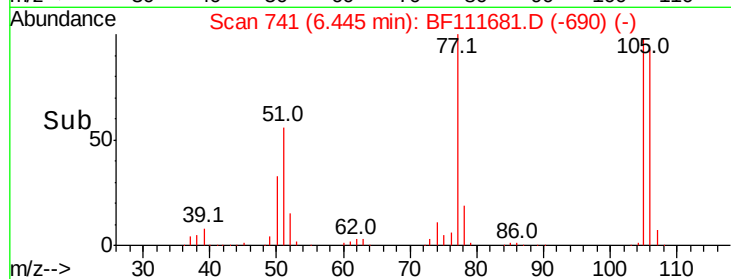
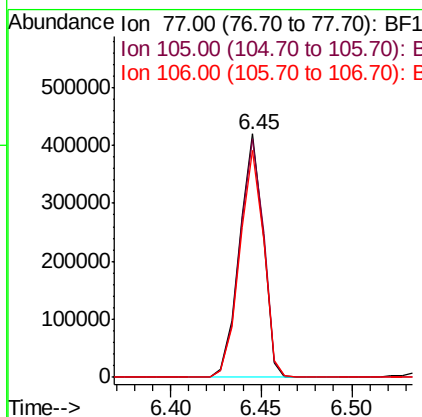
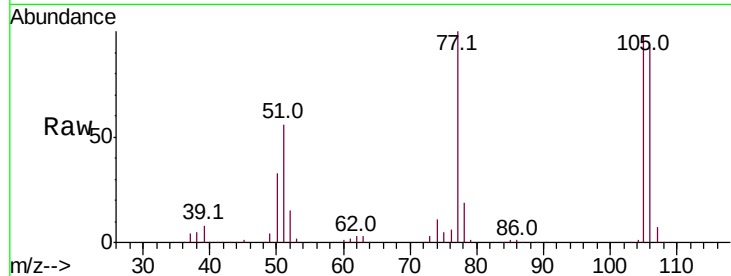
ClientSampled :

SSTDCCC040

Tot Ion	77	Resp	379205
Ion	Ratio	Lower	Upper
77	100		
105	98.0	81.4	121.4
106	93.1	77.9	117.9

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#10

Phenol

Concen: 42.240 ng

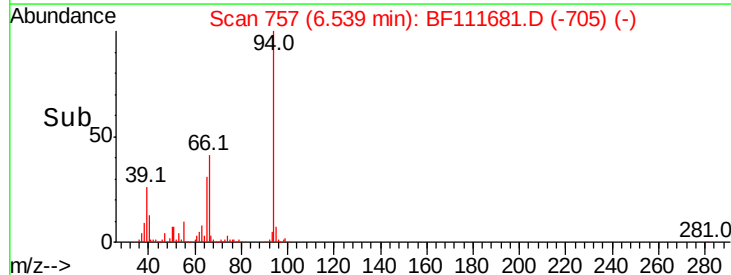
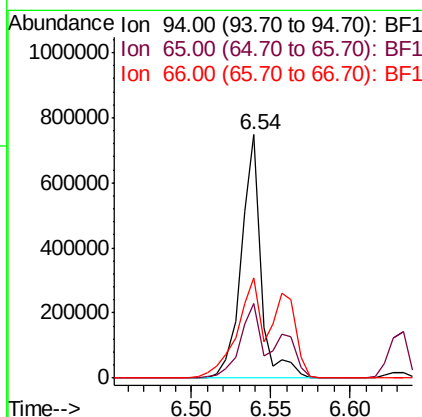
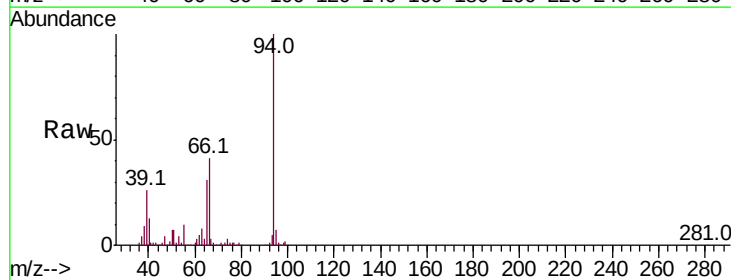
RT: 6.54 min Scan# 757

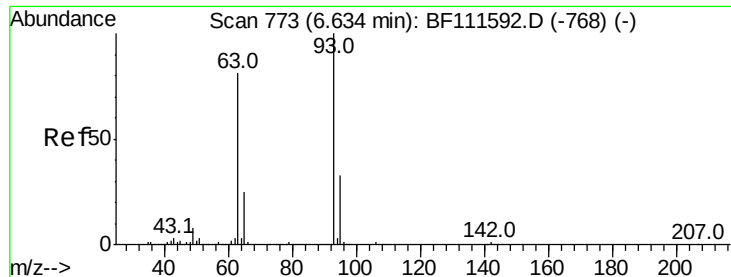
Delta R.T. 0.01 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Tgt Ion	94	Resp	642913
Ion	Ratio	Lower	Upper
94	100		
65	30.8	11.7	51.7
66	41.2	21.0	61.0





#11

bis(2-Chloroethyl)ether

Concen: 40.552 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

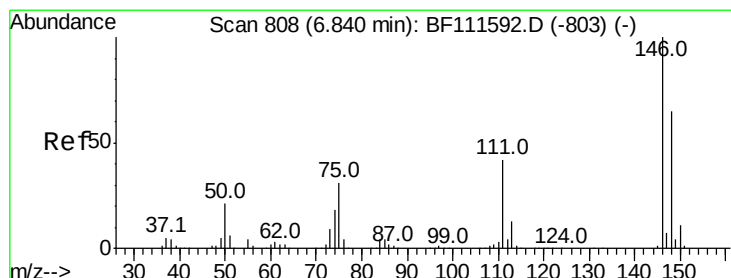
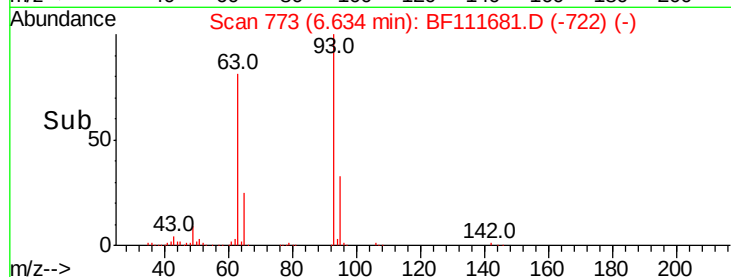
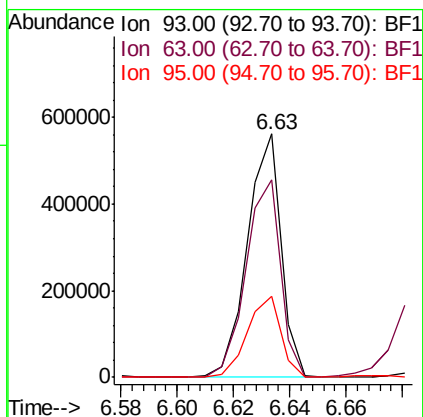
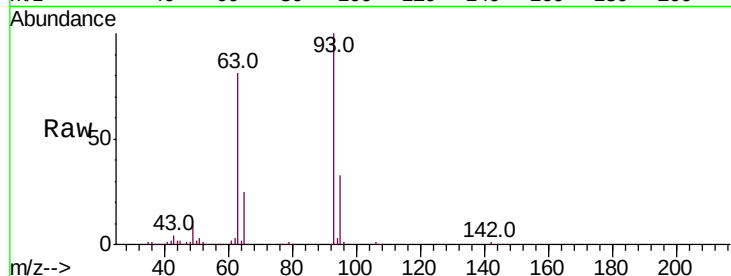
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	462514
Ion Ratio	Lower	Upper	
93	100		
63	81.0	60.0	100.0
95	33.2	13.4	53.4

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#12

1,3-Dichlorobenzene

Concen: 42.258 ng

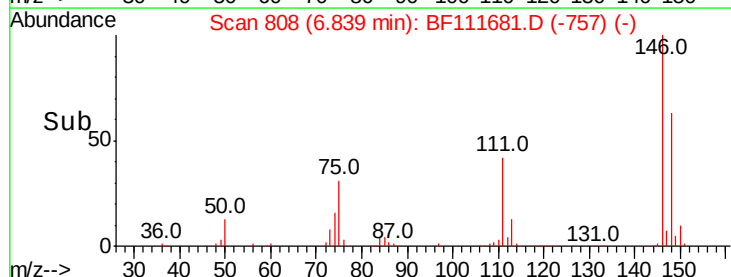
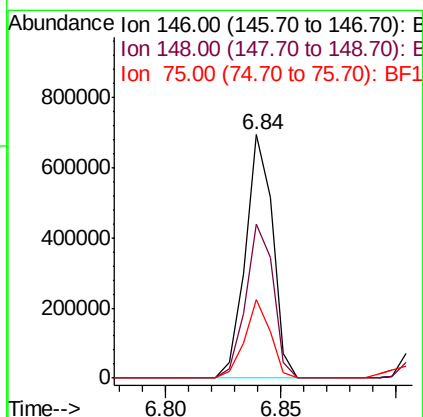
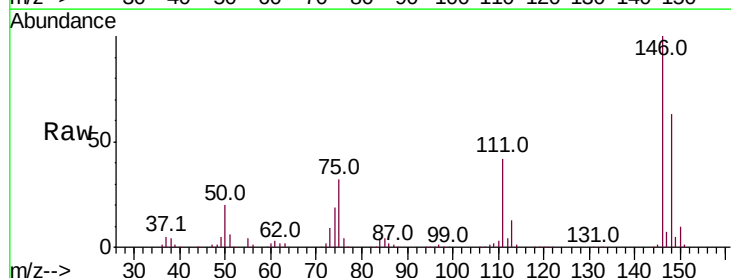
RT: 6.84 min Scan# 808

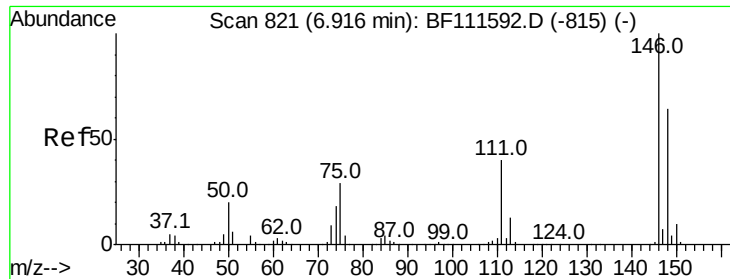
Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Tgt Ion:	146	Resp:	575029
Ion Ratio	Lower	Upper	
146	100		
148	63.4	52.1	78.1
75	32.0	23.9	35.9





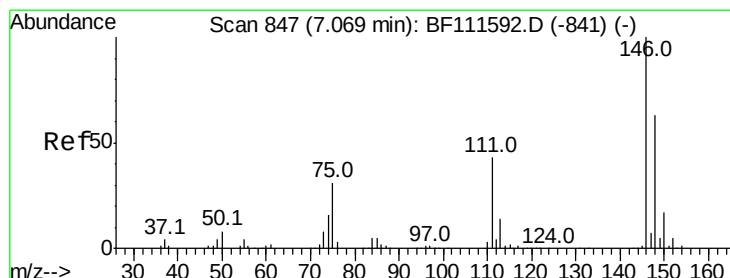
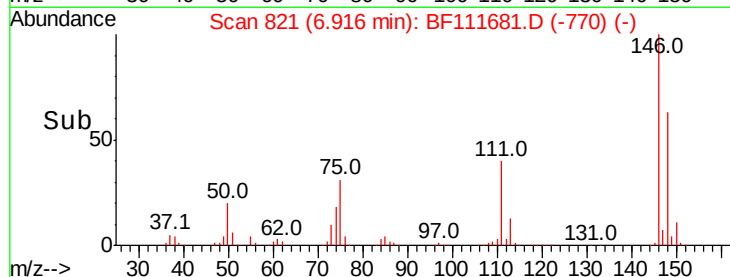
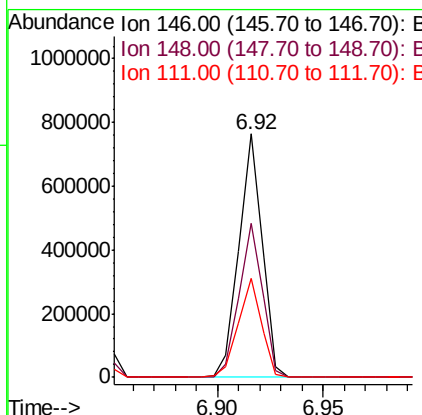
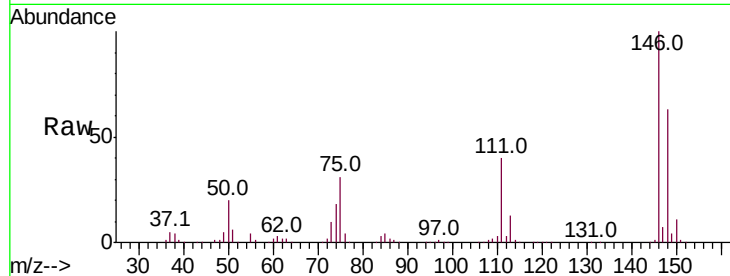
#13
1,4-Dichlorobenzene
Concen: 42.002 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.8	79.2
111	40.5	33.4	50.0

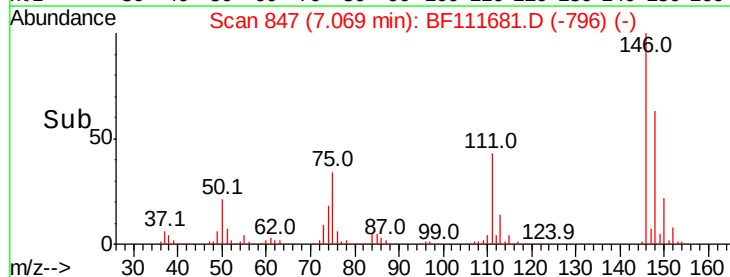
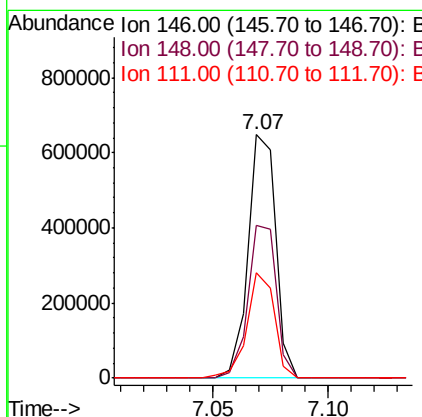
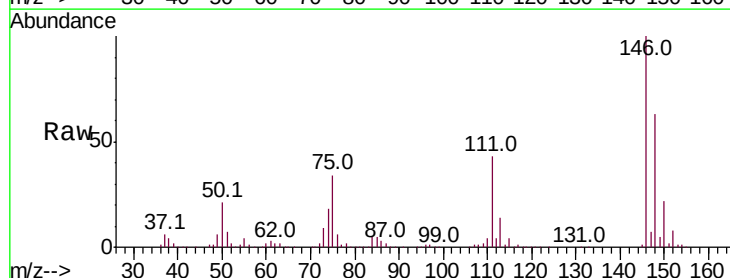
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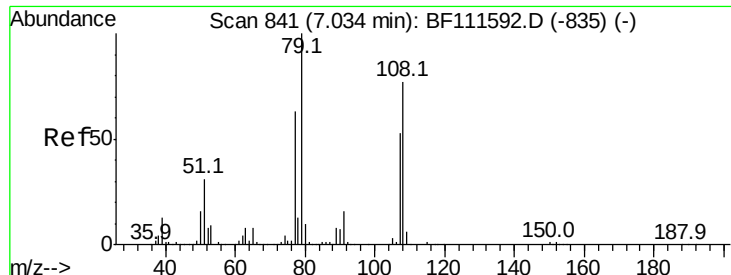
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#14
1,2-Dichlorobenzene
Concen: 42.450 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.9	77.9
111	43.1	36.2	54.4





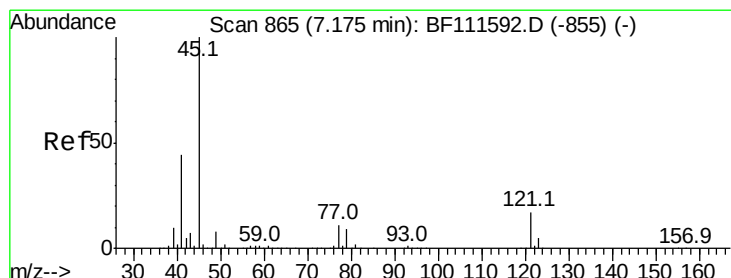
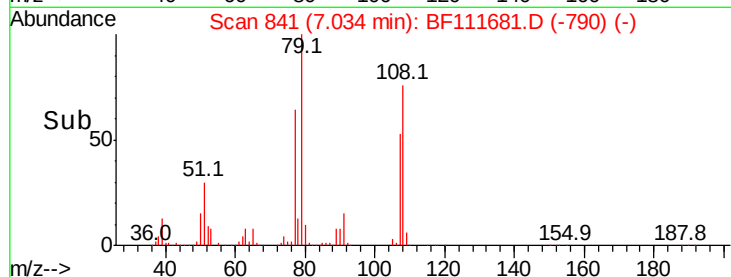
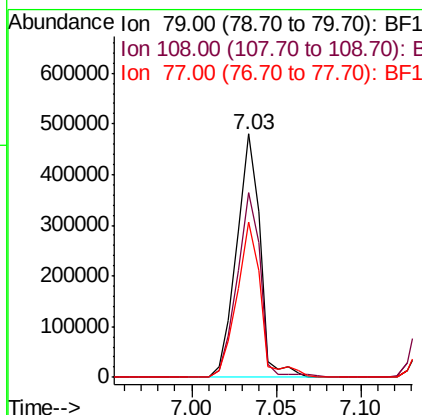
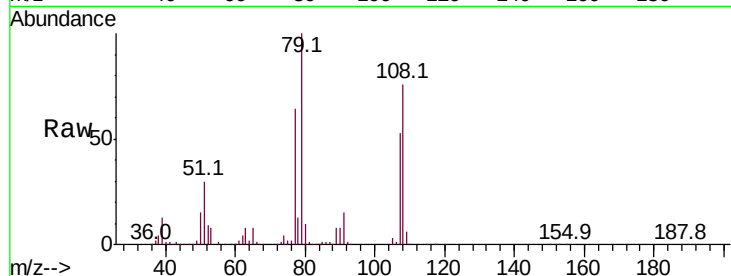
#15
Benzyl Alcohol
Concen: 43.103 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.6	69.4	104.2
77	64.0	49.7	74.5

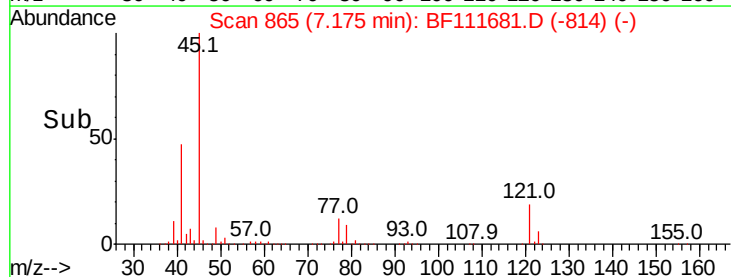
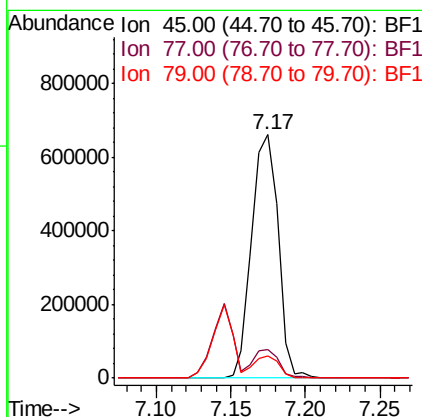
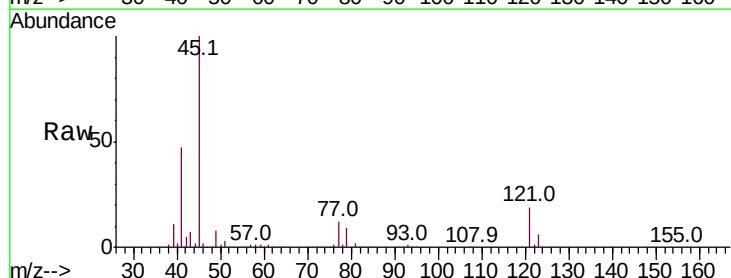
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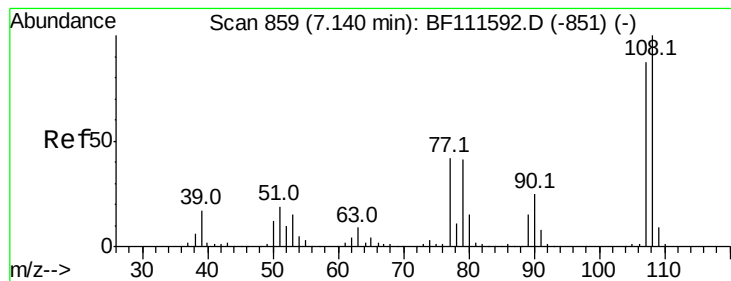
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.460 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	31.5
79	9.2	0.0	28.9





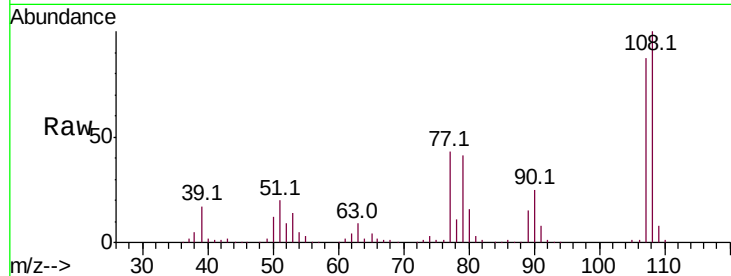
#17
2-Methylphenol
Concen: 42.026 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.0	136.4
77	48.7	33.5	50.3
79	47.4	33.3	49.9

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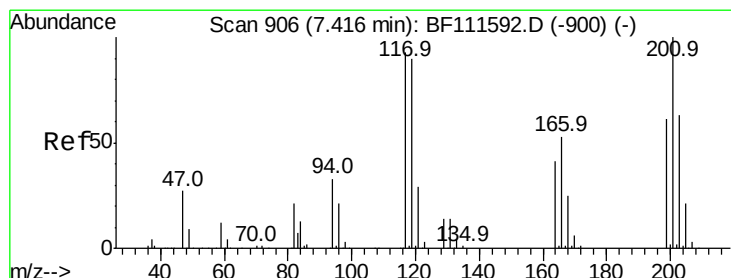
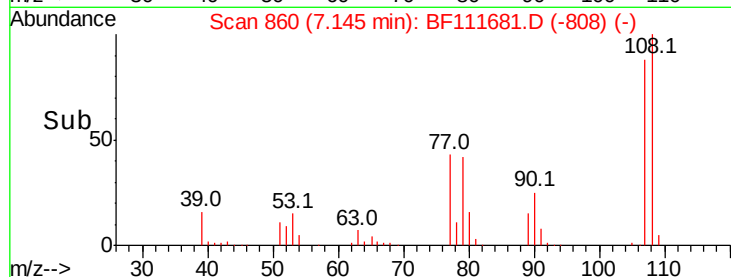
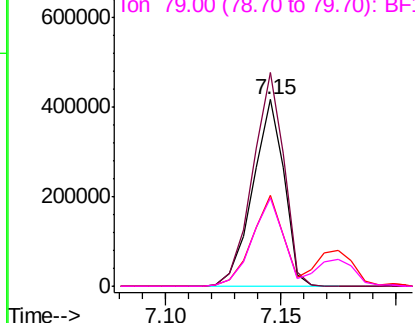
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

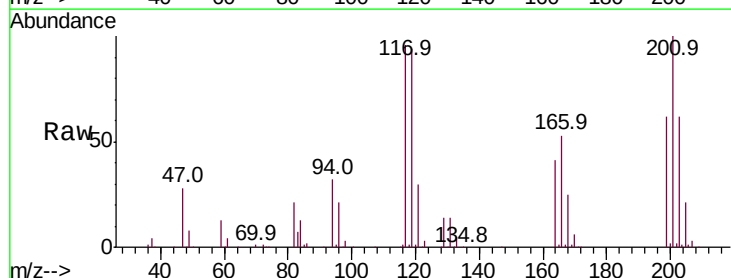
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.570 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.4	113.0
201	103.8	62.4	93.6#

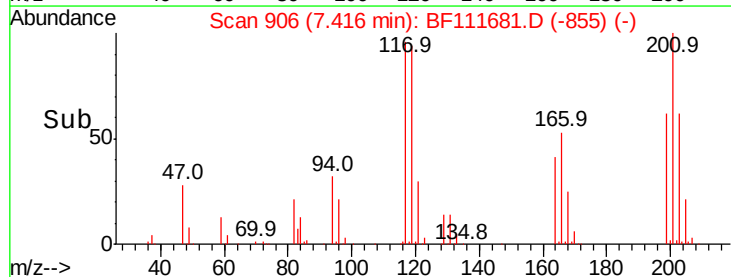
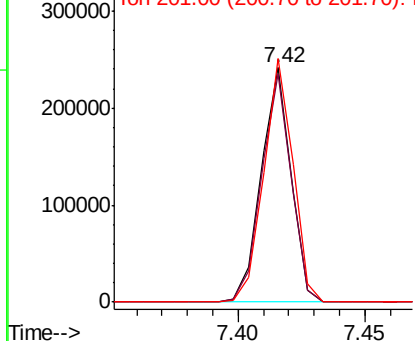


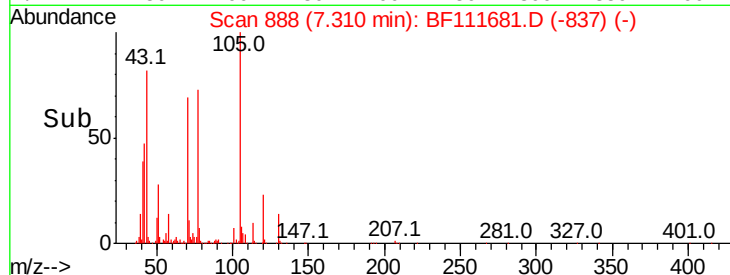
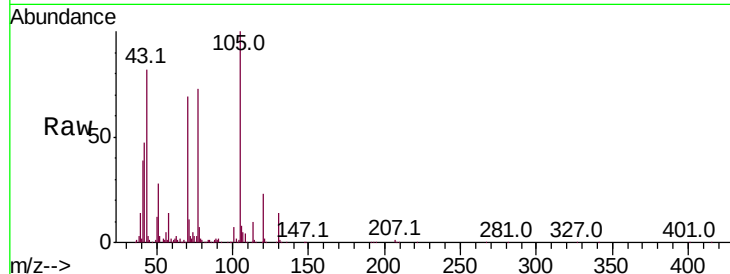
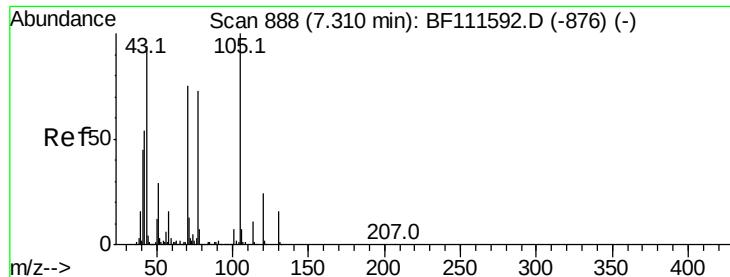
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





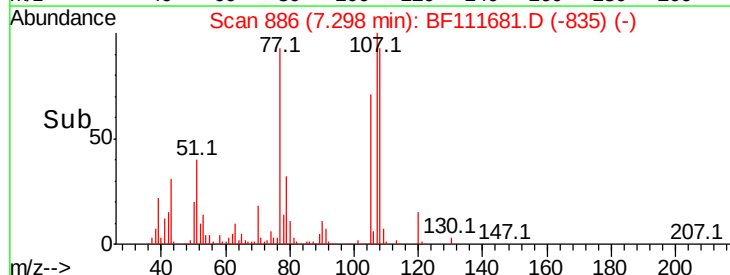
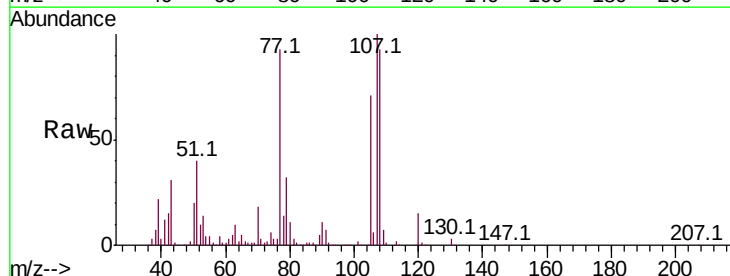
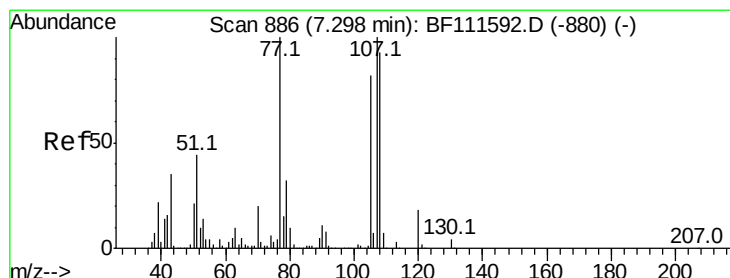
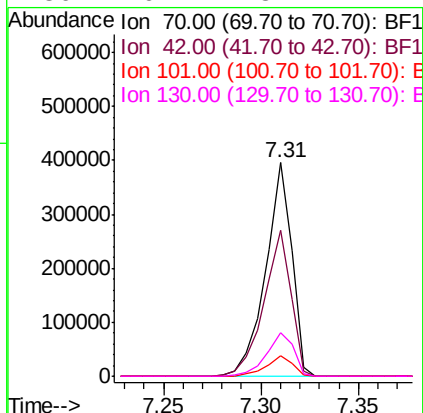
#19
n-Nitroso-di-n-propylamine
Concen: 41.102 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.2	53.2	79.8
101	9.5	8.2	12.4
130	20.2	18.1	27.1

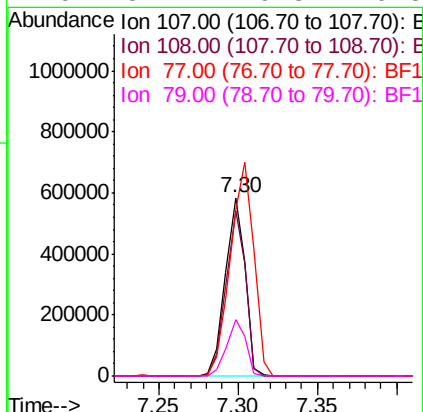
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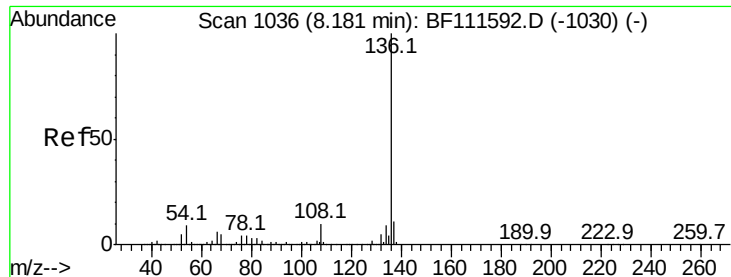
Sohil
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#20
3+4-Methylphenols
Concen: 42.377 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	72.1	112.1
77	93.1	94.1	134.1#
79	31.7	9.8	49.8





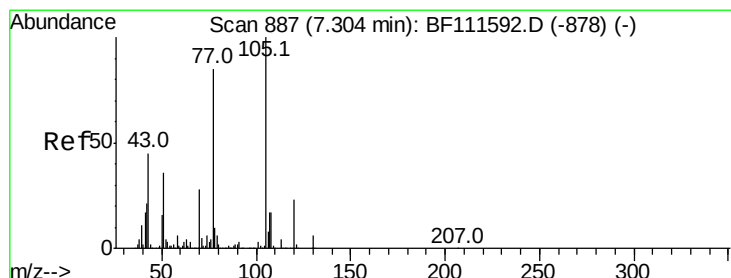
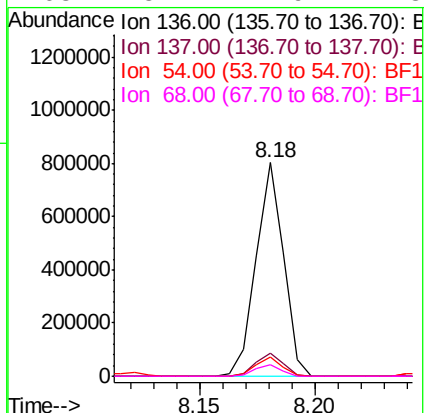
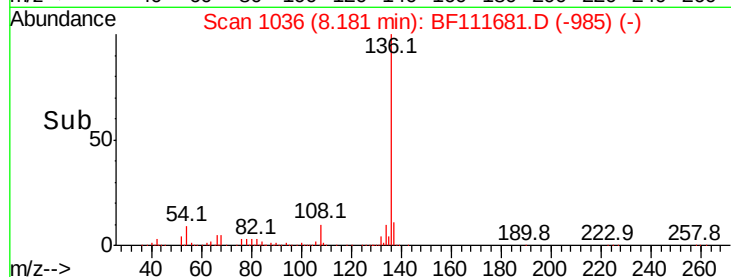
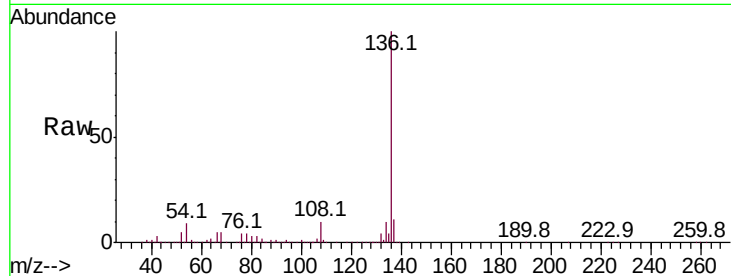
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.1	13.7	
54	9.0	7.7	11.5	
68	5.2	4.9	7.3	

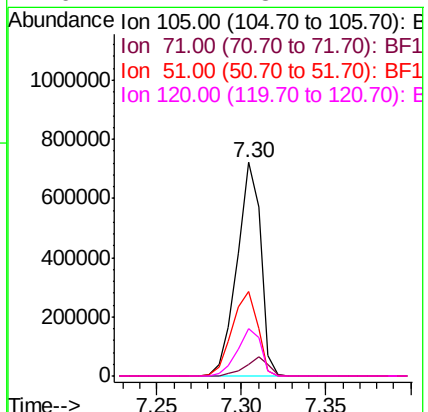
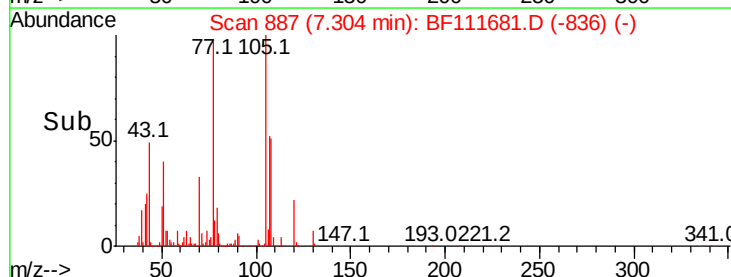
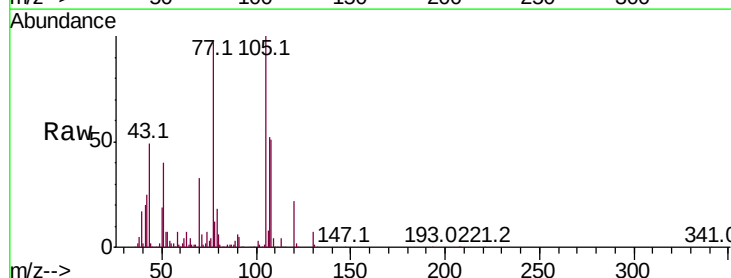
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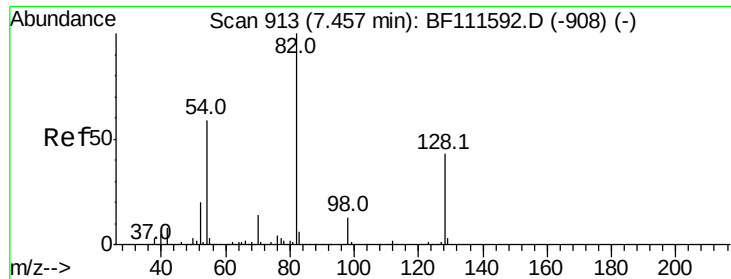
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#22
Acetophenone
Concen: 41.360 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.7	3.1	4.7#	
51	39.5	36.6	54.8	
120	22.4	18.2	27.4	





#23
 Nitrobenzene-d5
 Concen: 92.469 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

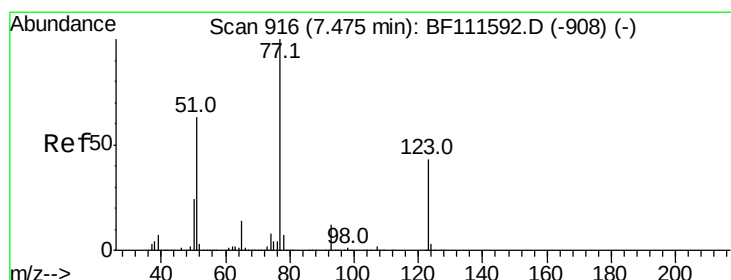
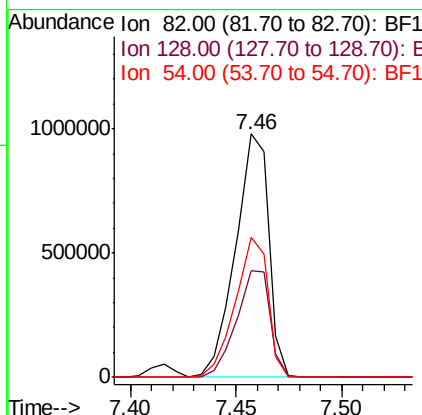
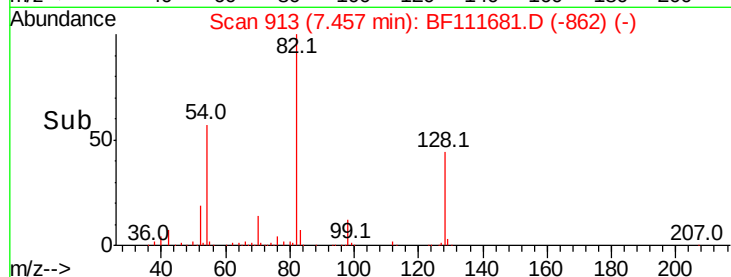
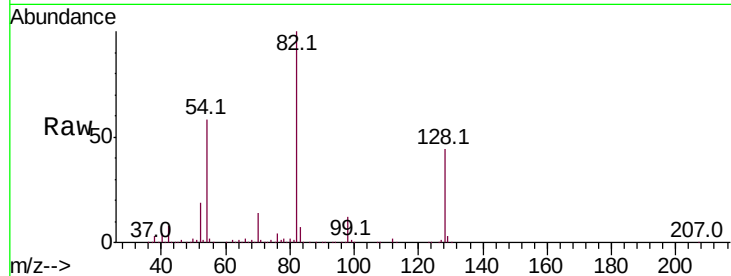
Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion: 82 Resp: 1067774

Ion	Ratio	Lower	Upper
82	100		
128	43.8	37.4	56.2
54	57.5	47.6	71.4

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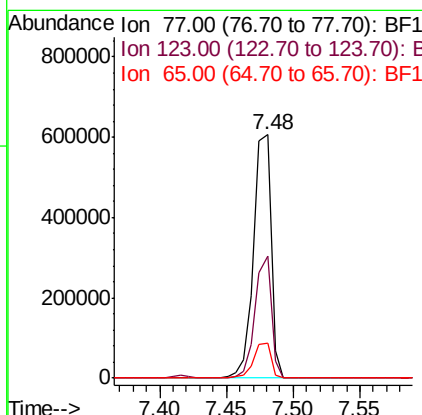
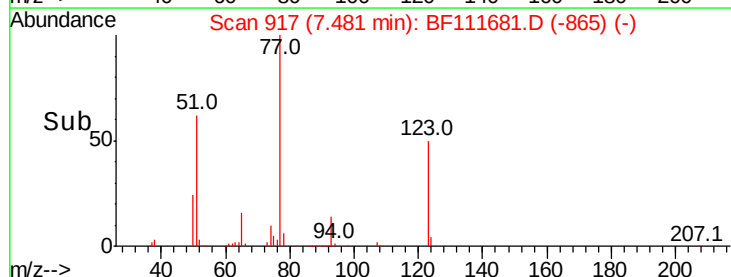
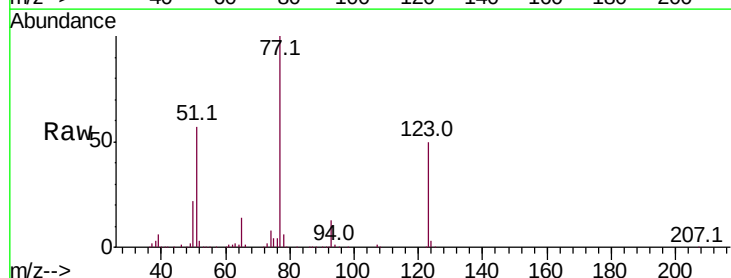
Sohil
 12/26/2018 3:10:35 PM

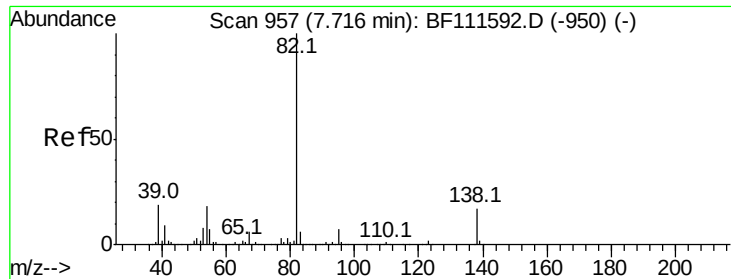


#24
 Nitrobenzene
 Concen: 44.842 ng
 RT: 7.48 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Tgt Ion: 77 Resp: 542712

Ion	Ratio	Lower	Upper
77	100		
123	50.1	37.2	55.8
65	14.3	11.5	17.3





#25

Isophorone

Concen: 40.936 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

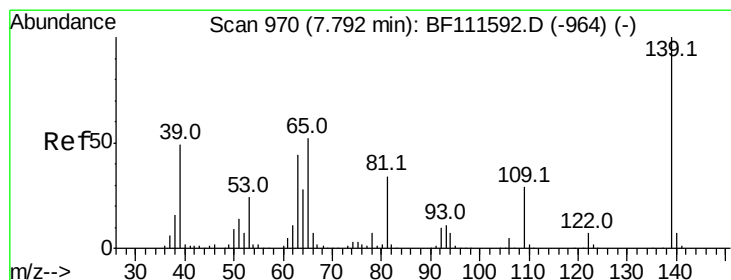
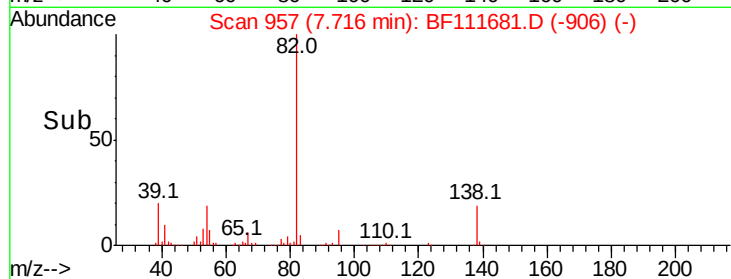
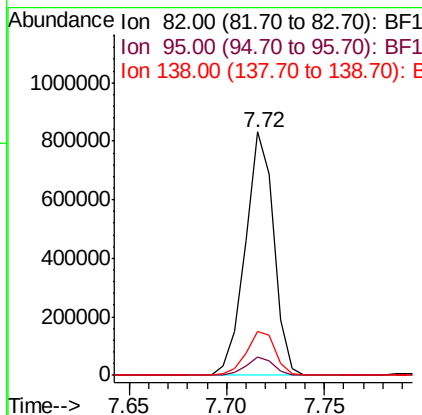
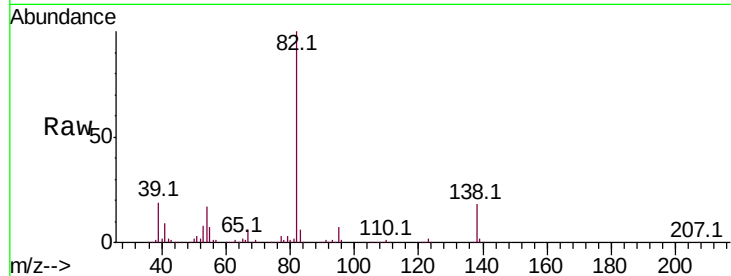
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	839191
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.4	8.2
138	17.9	15.1	22.7

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#26

2-Nitrophenol

Concen: 53.828 ng

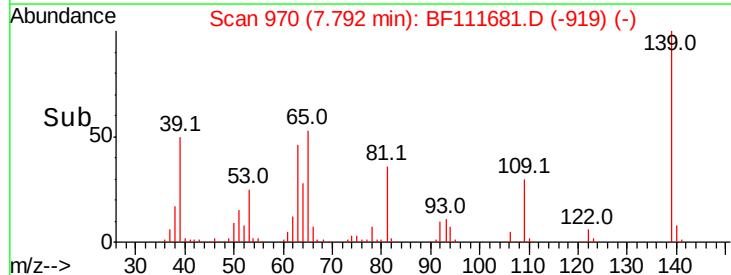
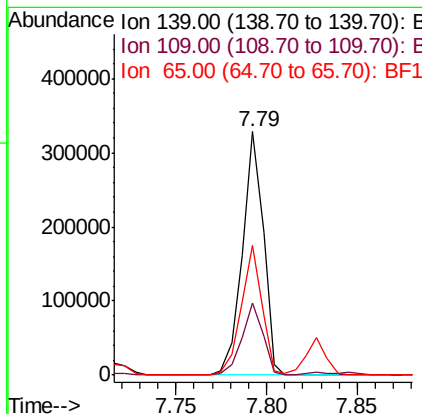
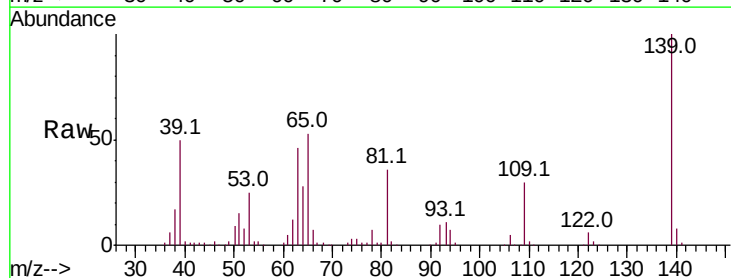
RT: 7.79 min Scan# 970

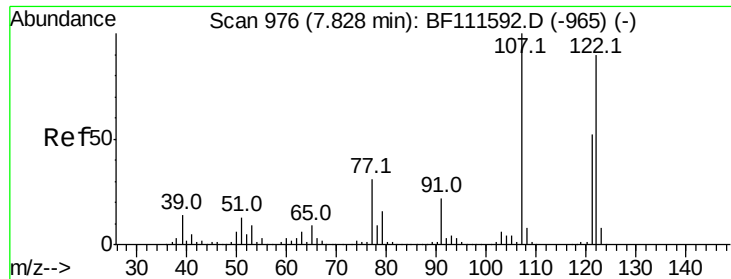
Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Tgt Ion:	139	Resp:	264212
Ion Ratio	Lower	Upper	
139	100		
109	29.5	20.2	30.4
65	53.3	40.7	61.1





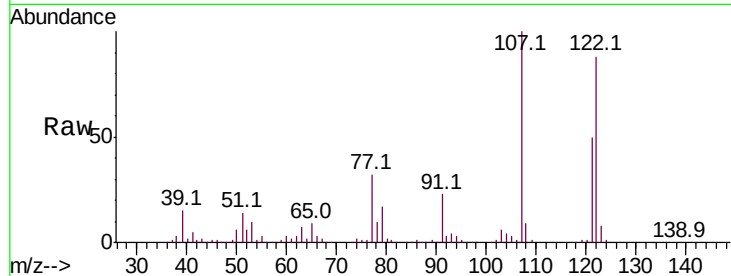
#27
2,4-Dimethylphenol
Concen: 41.472 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.8	85.5	128.3
121	57.2	46.6	70.0

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12/26/2018 3:10:35 PM

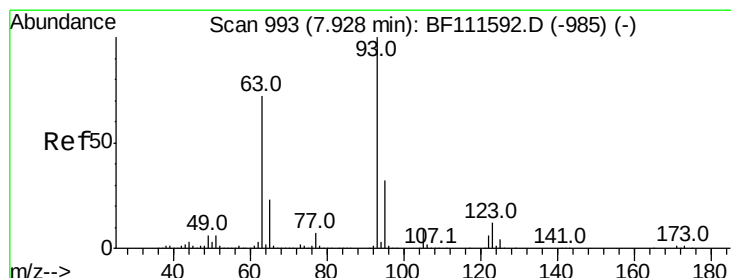
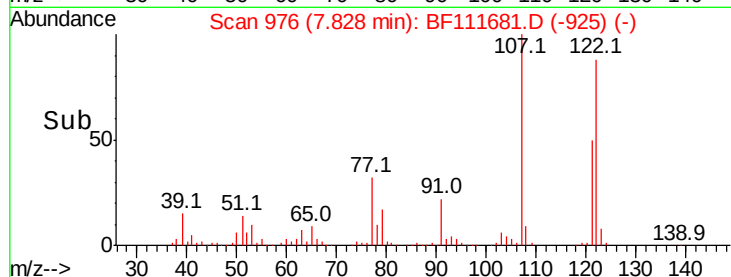
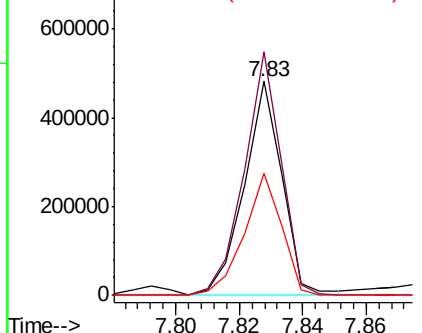


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.799 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

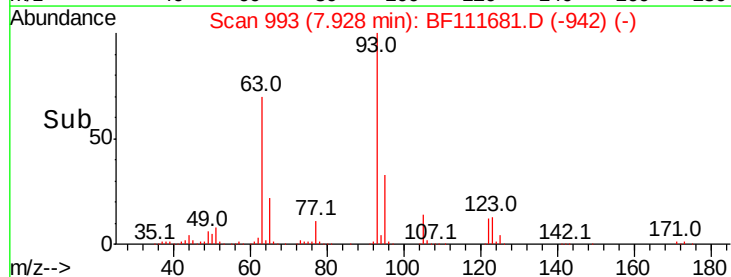
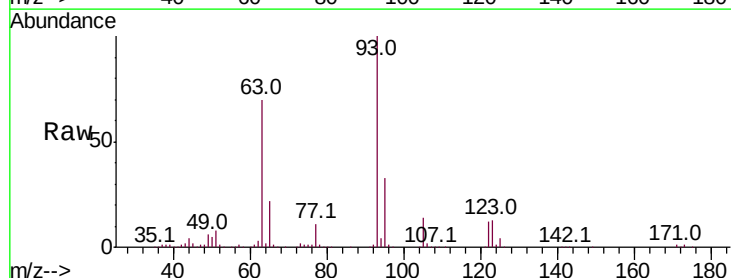
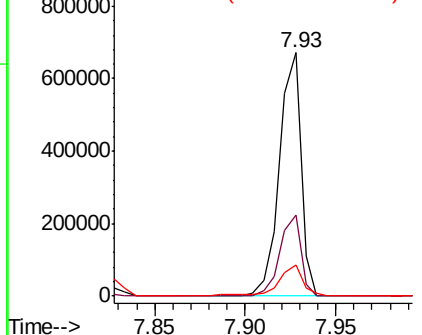
Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	27.1	40.7
123	13.0	9.9	14.9

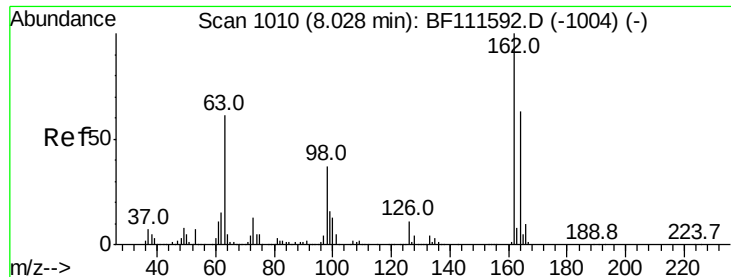
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.332 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

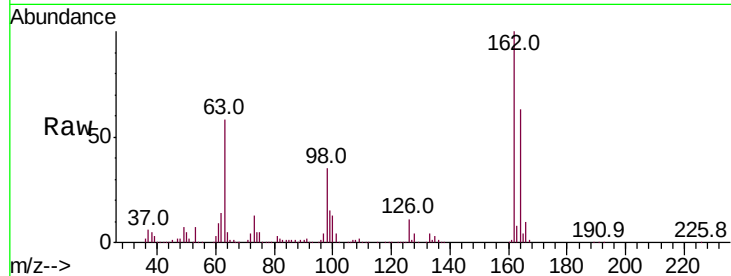
ClientSampleId :

SSTDCCC040

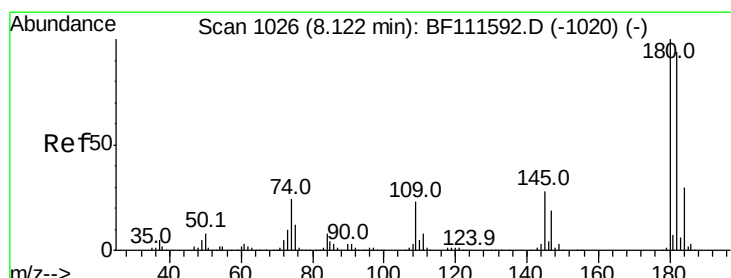
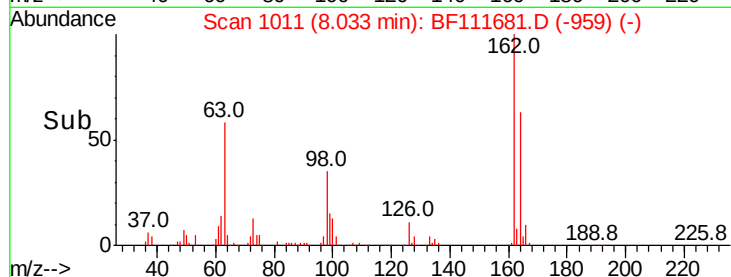
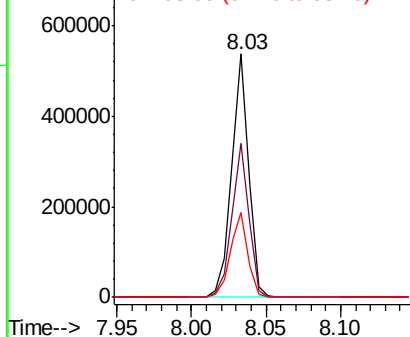
Tot Ion:	162	Resp:	440561
Ion Ratio	Lower	Upper	
162	100		
164	63.3	44.4	84.4
98	34.6	20.3	60.3

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12/26/2018 3:10:35 PM



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



#30

1,2,4-Trichlorobenzene

Concen: 41.671 ng

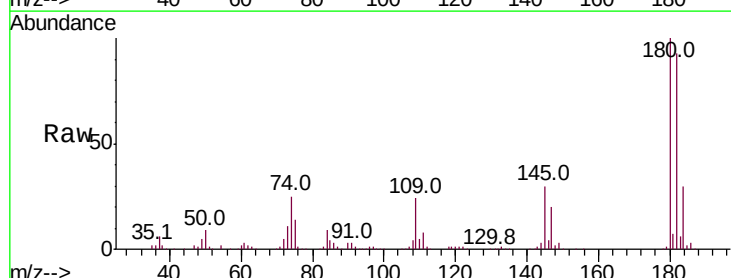
RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

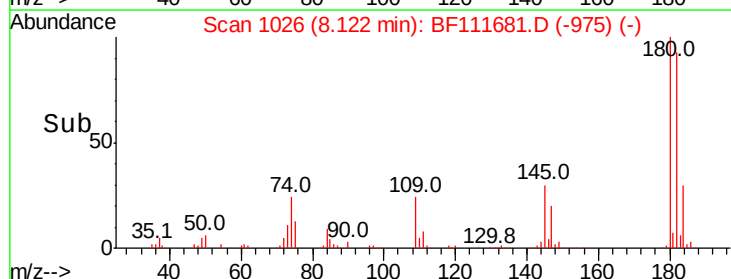
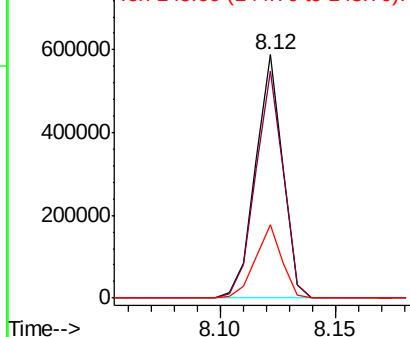
Lab File: BF111681.D

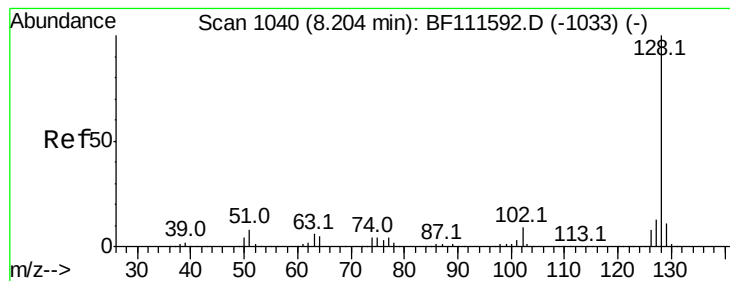
Acq: 21 Dec 2018 12:15

Tgt Ion:	180	Resp:	483278
Ion Ratio	Lower	Upper	
180	100		
182	93.4	75.6	113.4
145	30.3	26.7	40.1



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





#31

Naphthalene

Concen: 41.908 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1353457

Ion Ratio Lower Upper

128 100

129 11.3 9.8 14.8

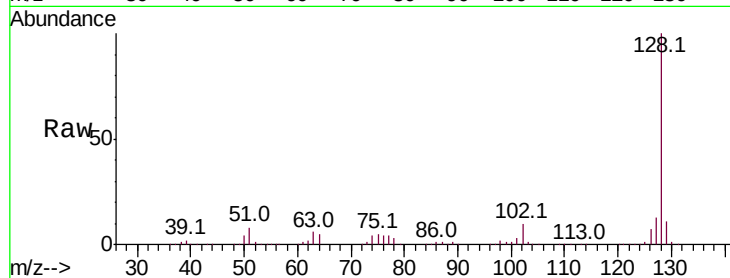
127 13.4 12.0 18.0

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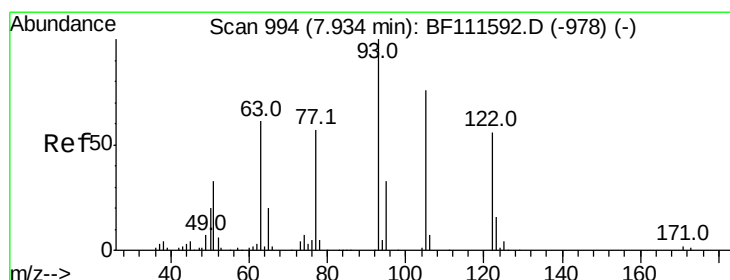
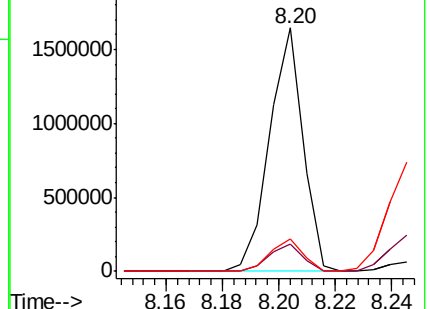
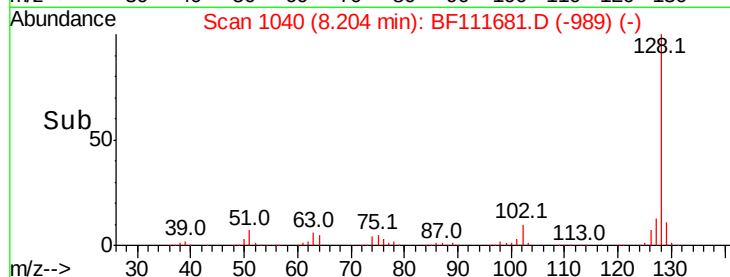
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.972 ng m

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

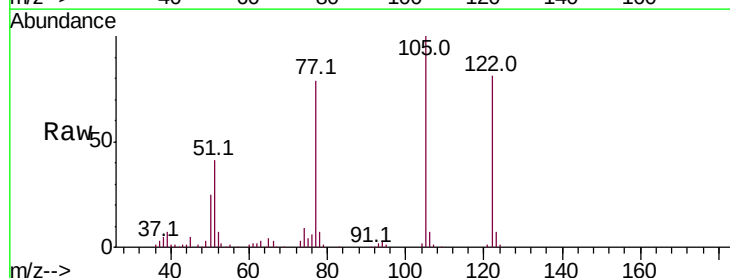
Tgt Ion:122 Resp: 313301

Ion Ratio Lower Upper

122 100

105 123.4 97.0 137.0

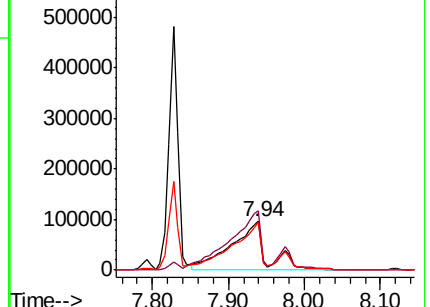
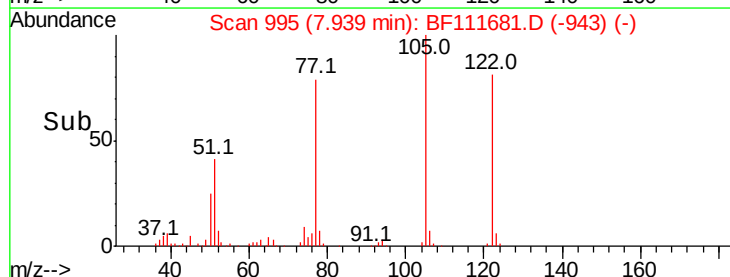
77 97.6 65.7 105.7

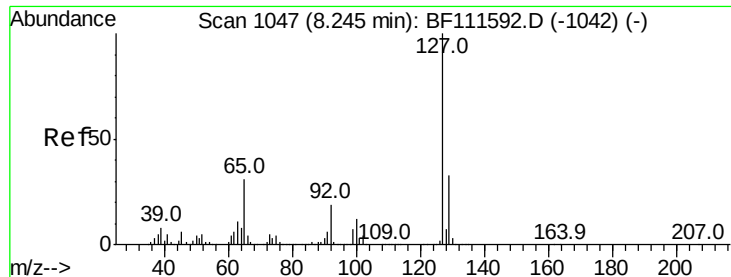


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





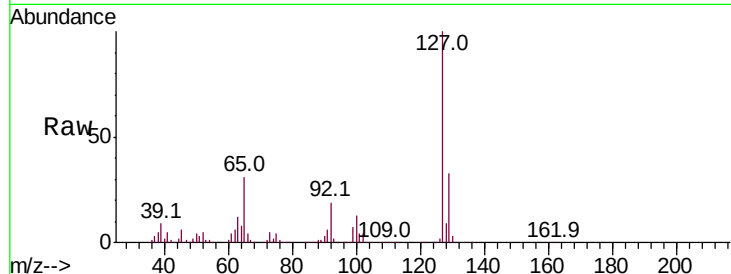
#33
4-Chloroaniline
Concen: 43.138 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

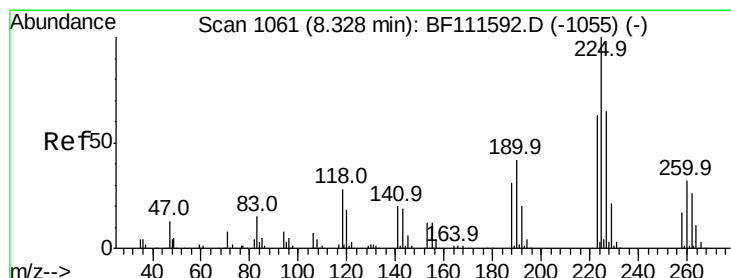
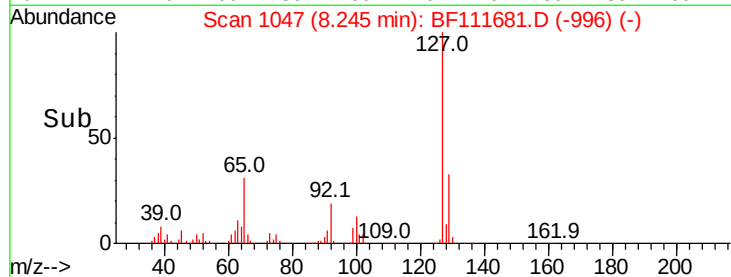
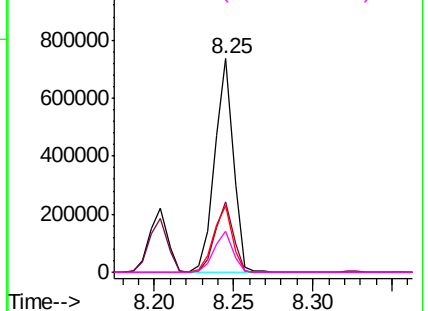
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		602154		
129	33.1	26.6	39.8		
65	30.9	25.7	38.5		
92	18.9	15.4	23.2		

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12/26/2018 3:10:35 PM



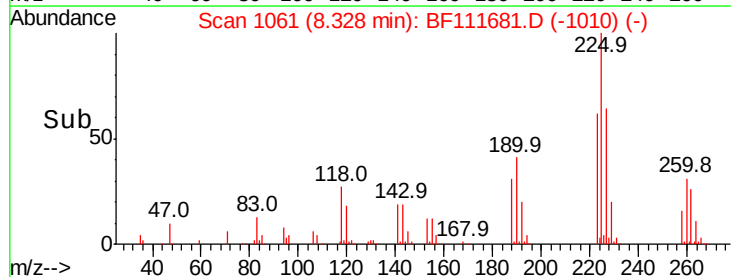
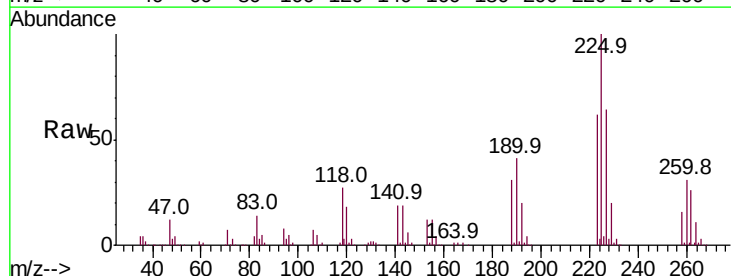
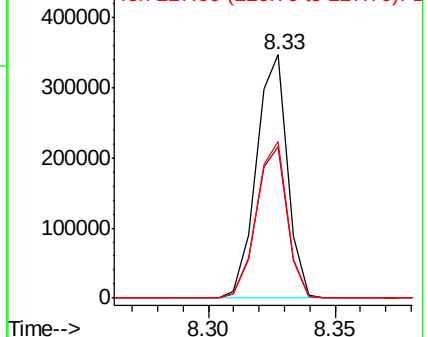
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

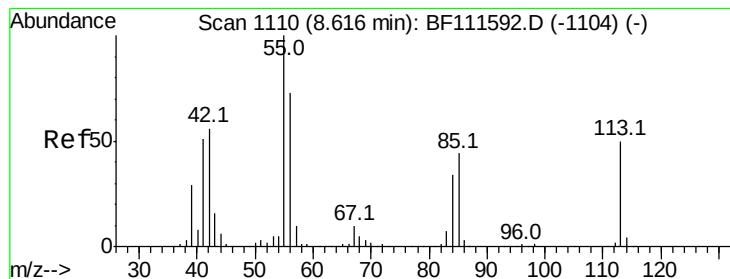


#34
Hexachlorobutadiene
Concen: 41.829 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		295655		
223	62.1	50.7	76.1		
227	64.2	52.6	78.8		

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





#35

Caprolactam

Concen: 44.643 ng/ml

RT: 8.62 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 157438

Ion Ratio Lower Upper

113 100

55 189.7 184.1 224.1

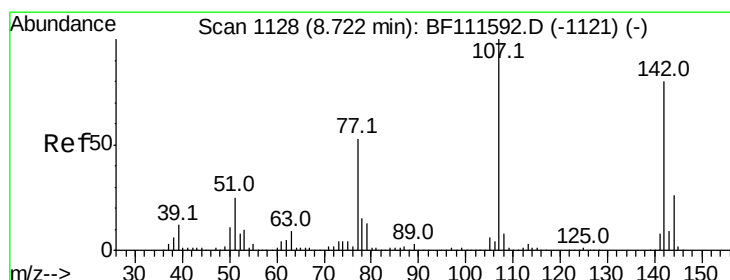
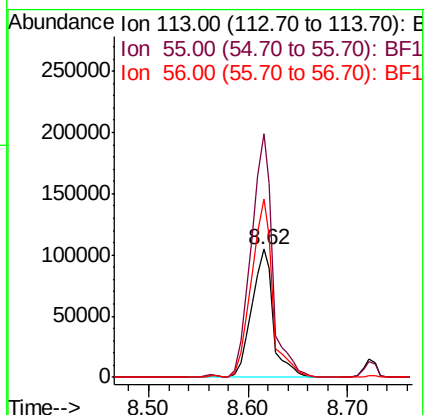
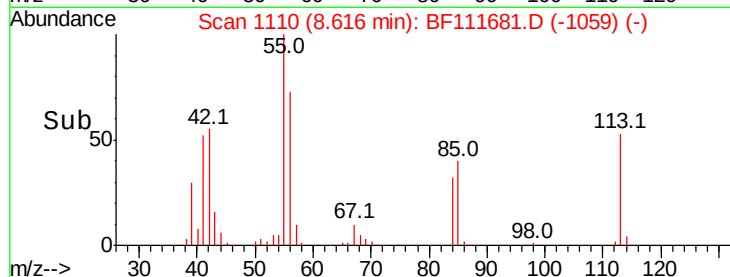
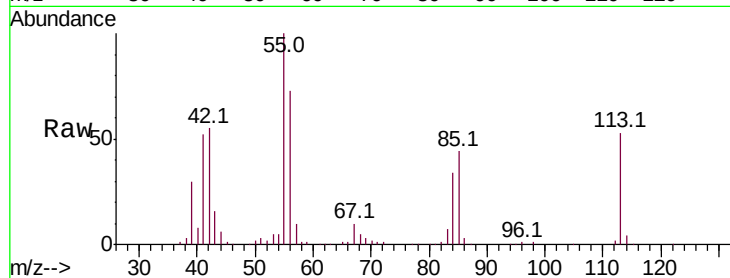
56 138.5 126.0 166.0

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12/26/2018 3:10:35 PM



#36

4-Chloro-3-methylphenol

Concen: 43.697 ng/ml

RT: 8.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

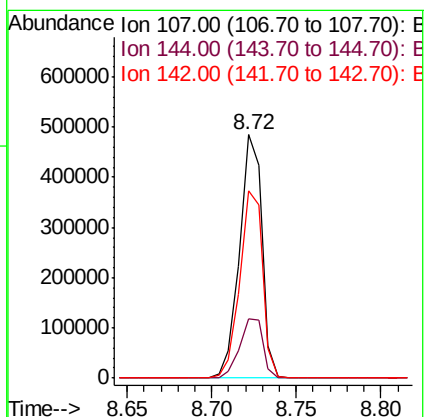
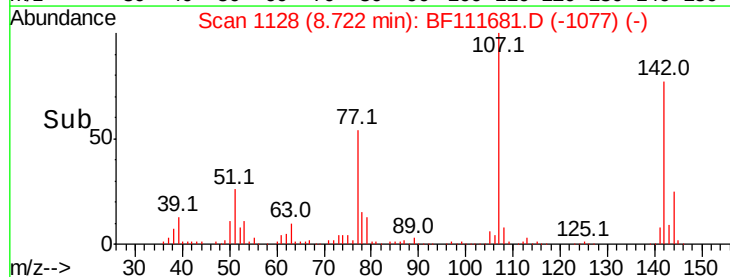
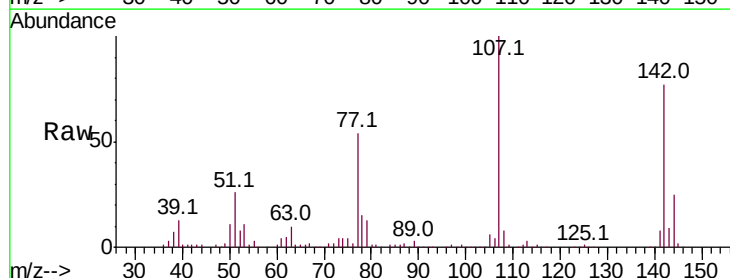
Tgt Ion:107 Resp: 447039

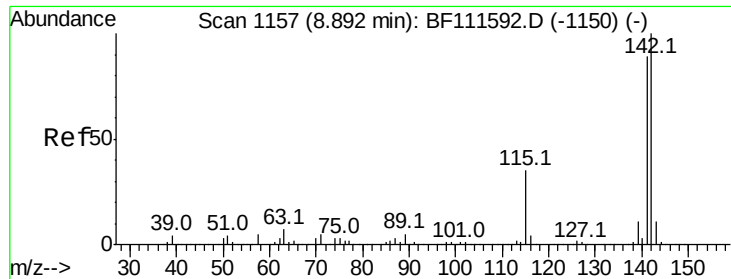
Ion Ratio Lower Upper

107 100

144 24.5 19.8 29.6

142 77.0 62.3 93.5





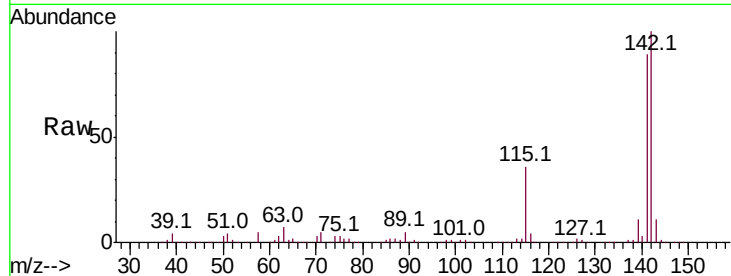
#37
2-Methylnaphthalene
Concen: 42.453 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	892014		
141	88.6		70.6	105.8
115	35.8		27.0	40.6

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12/26/2018 3:10:35 PM

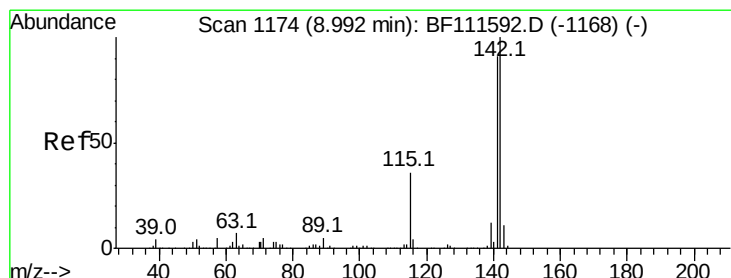
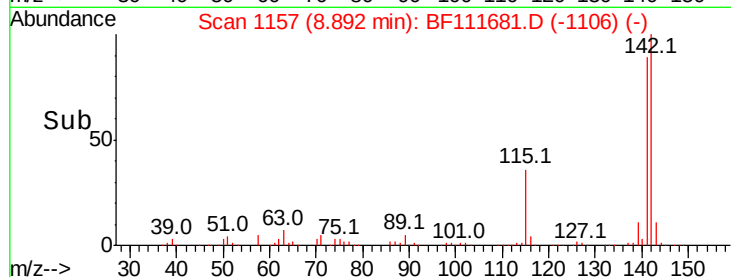
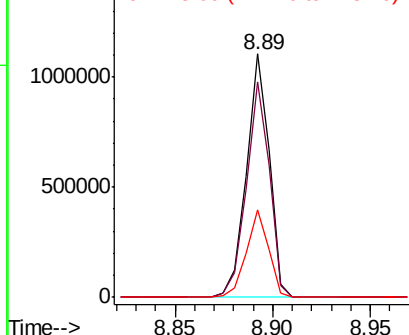


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.525 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

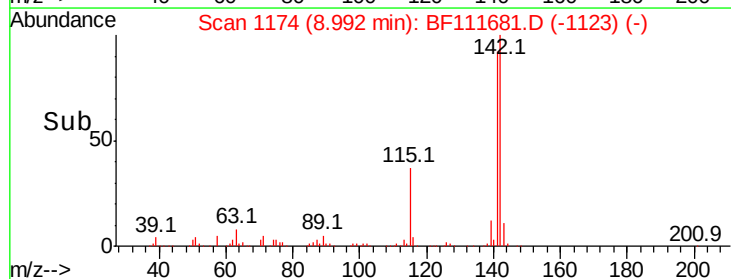
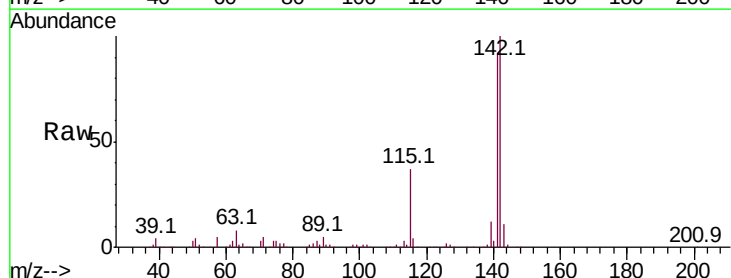
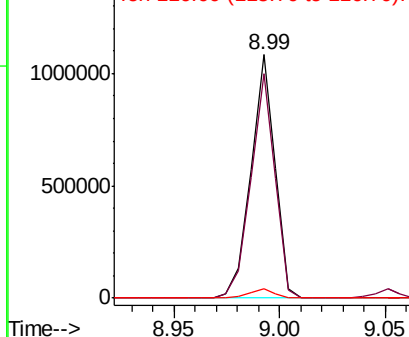
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	858142		
141	92.4		74.2	111.4
116	3.9		2.9	4.3

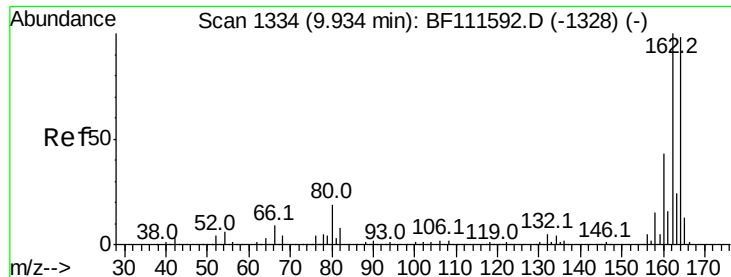
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





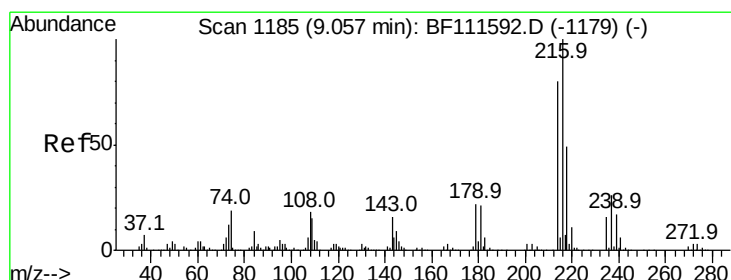
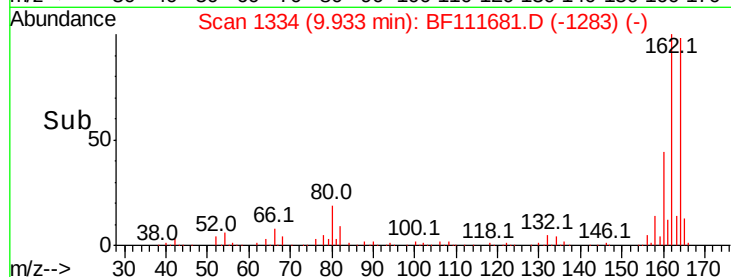
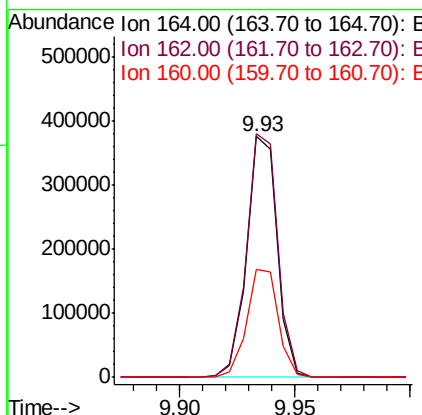
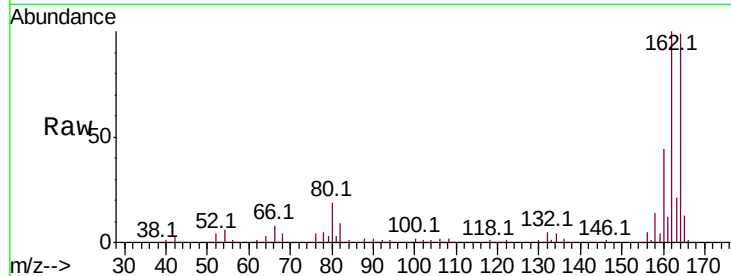
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.4	122.0
160	44.8	35.7	53.5

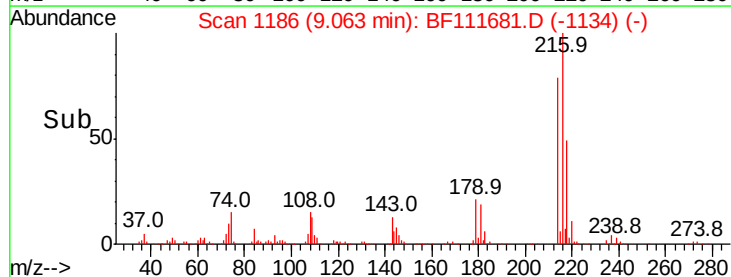
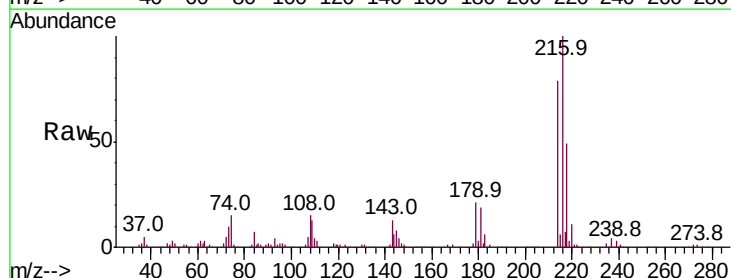
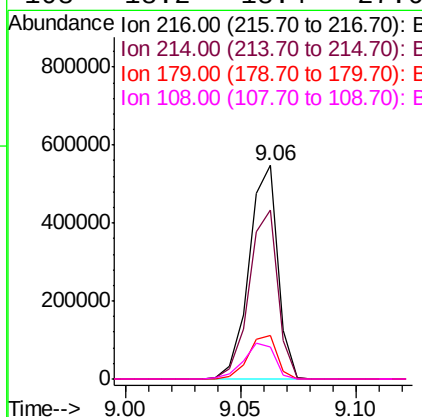
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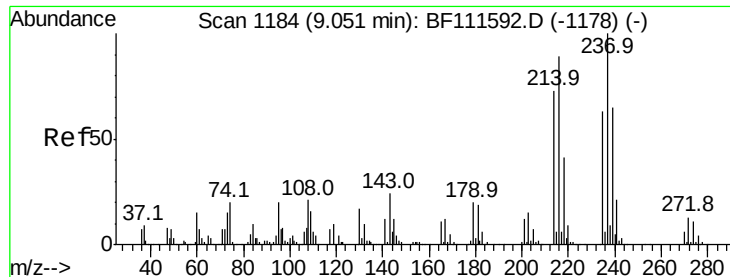
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.834 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.8
179	21.0	17.9	26.9
108	18.2	18.4	27.6#





#41

Hexachlorocyclopentadiene

Concen: 46.933 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

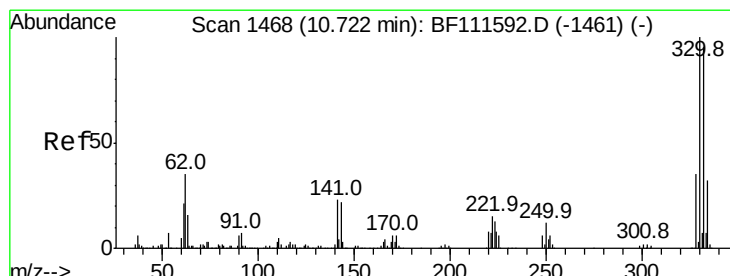
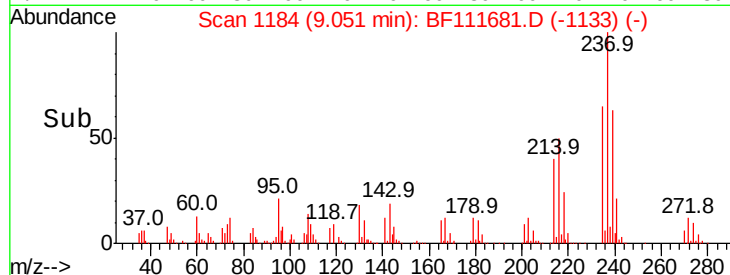
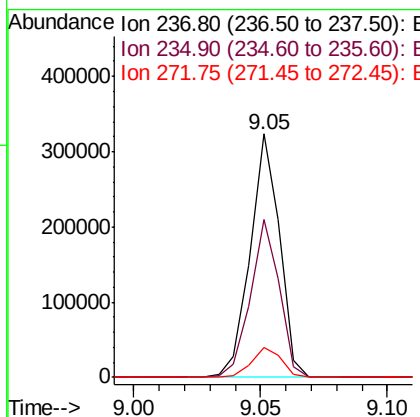
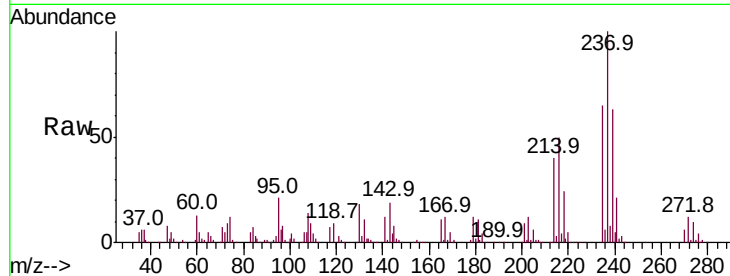
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	259680
Ion Ratio		Lower	Upper
237	100		
235	64.8	43.1	83.1
272	12.4	0.0	33.0

Manual Integrations
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12/26/2018 3:10:35 PM



#42

2,4,6-Tribromophenol

Concen: 92.175 ng

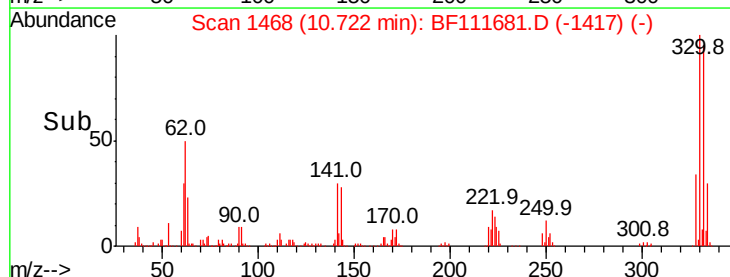
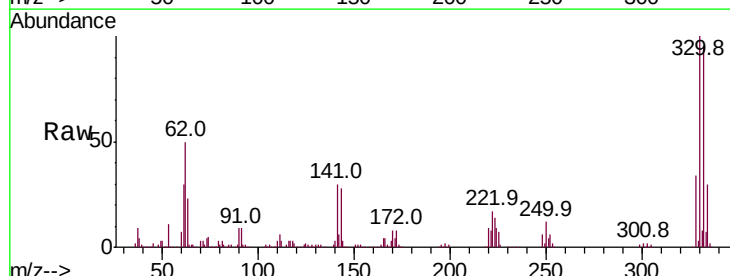
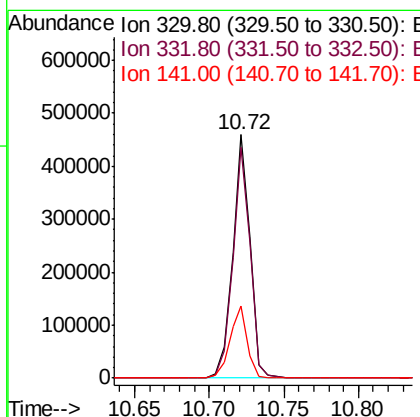
RT: 10.72 min Scan# 1468

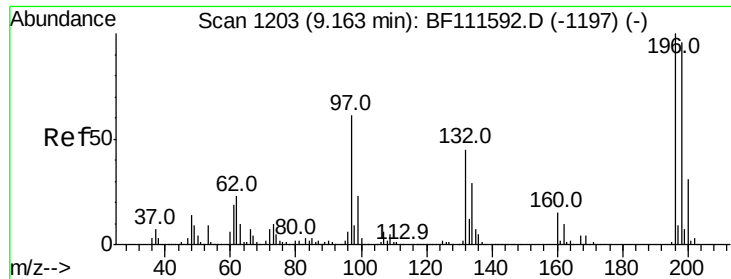
Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Tgt Ion:	330	Resp:	377909
Ion Ratio		Lower	Upper
330	100		
332	95.3	76.0	114.0
141	29.6	31.0	46.6#





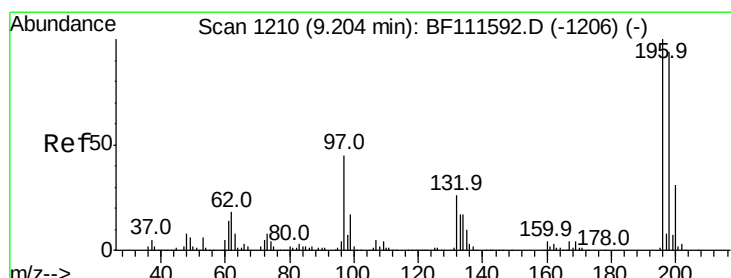
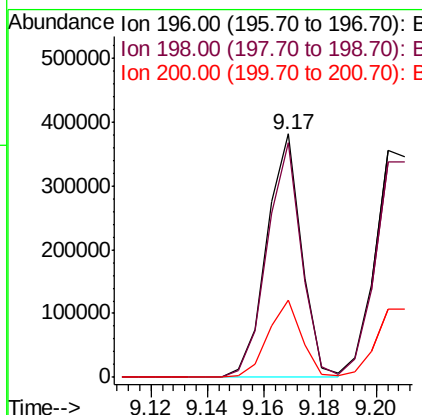
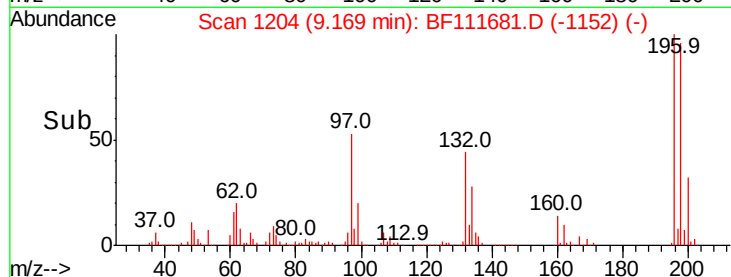
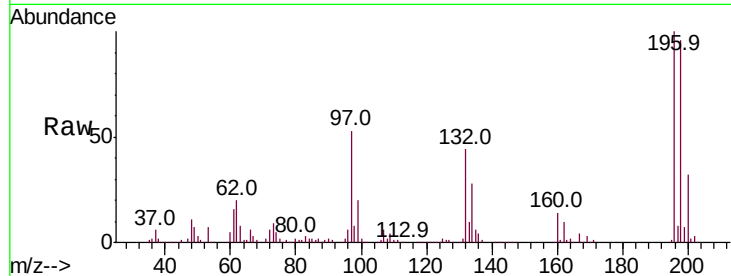
#43
 2,4,6-Trichlorophenol
 Concen: 42.771 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	325594		
198	96.2	76.3	114.5	
200	31.8	24.9	37.3	

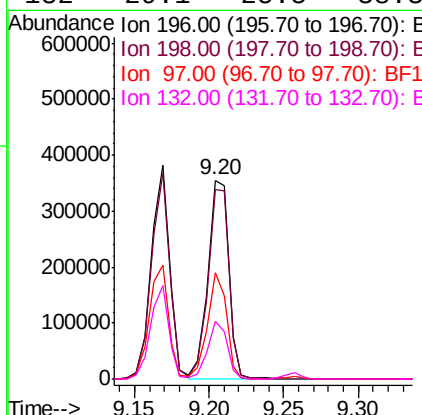
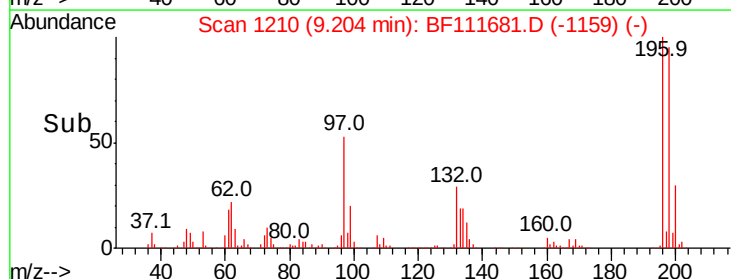
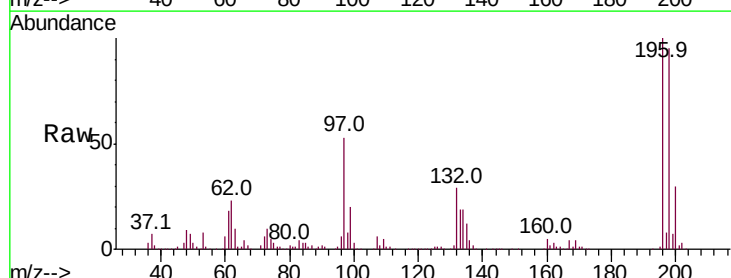
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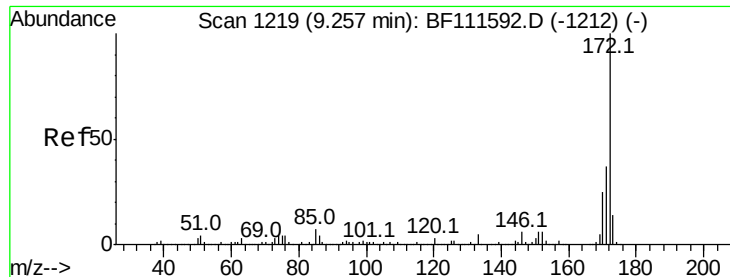
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#44
 2,4,5-Trichlorophenol
 Concen: 43.594 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	340457		
198	95.2	72.9	109.3	
97	53.3	45.3	67.9	
132	29.1	25.5	38.3	





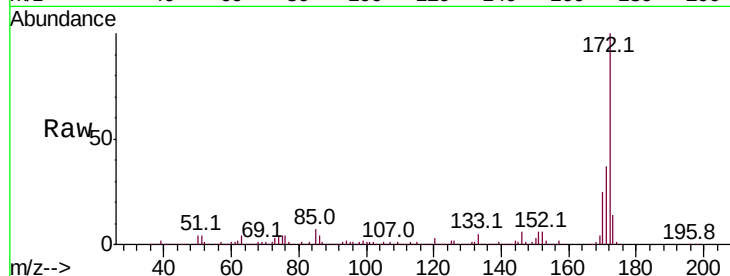
#45
2-Fluorobiphenyl
Concen: 81.724 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

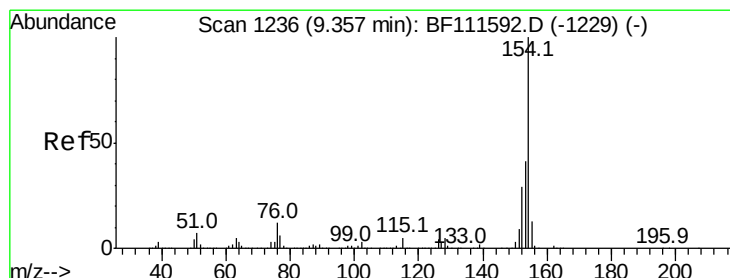
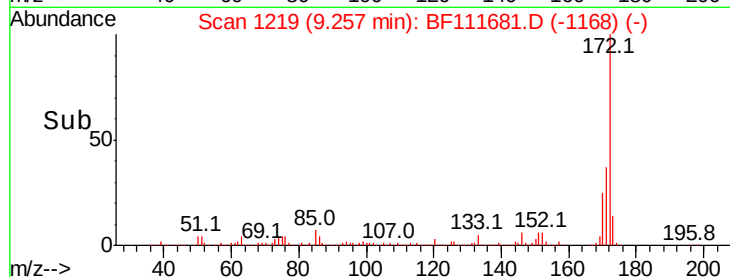
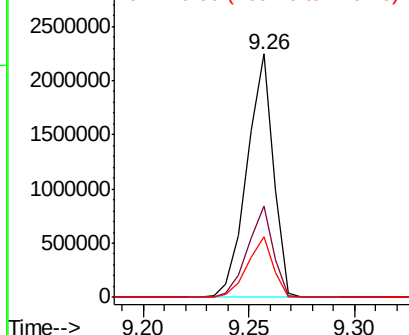
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	33.0	49.4
170	24.9	22.3	33.5

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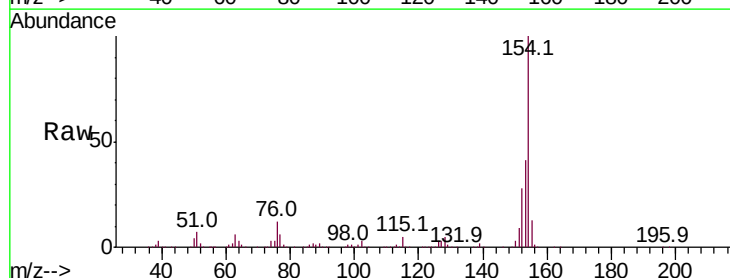


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

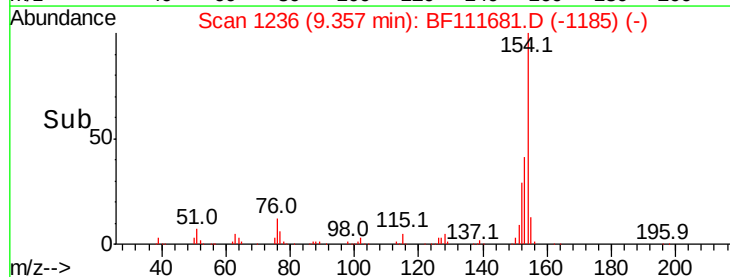
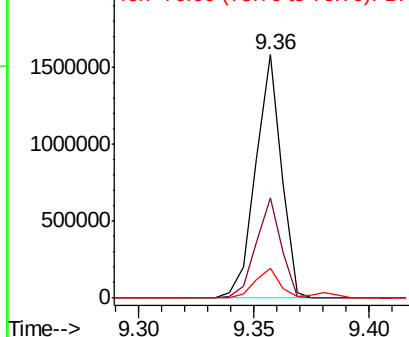


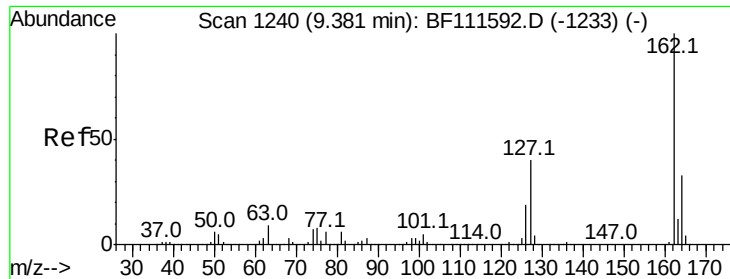
#46
1,1'-Biphenyl
Concen: 42.072 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	23.7	63.7
76	12.2	0.0	35.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





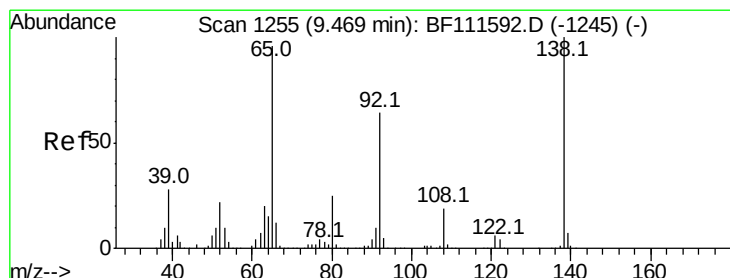
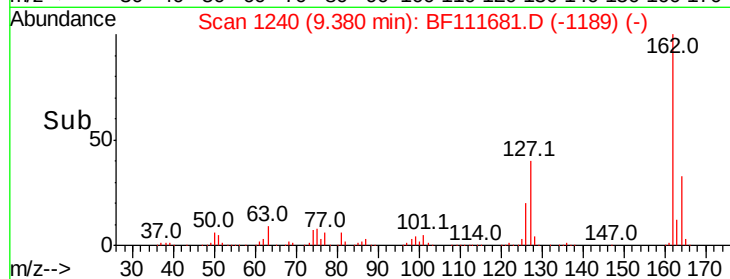
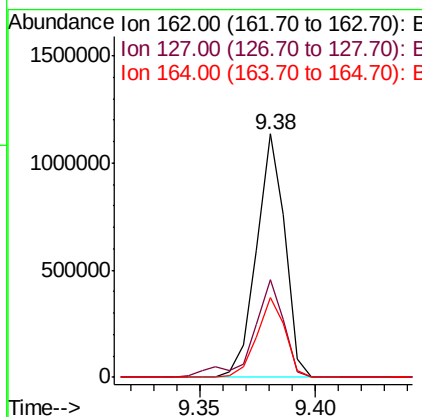
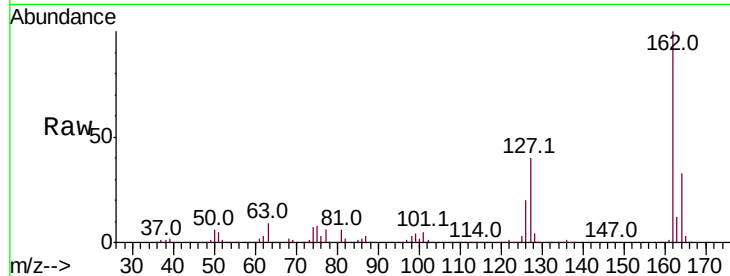
#47
 2-Chloronaphthalene
 Concen: 41.958 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	35.0	52.4
164	32.8	28.4	42.6

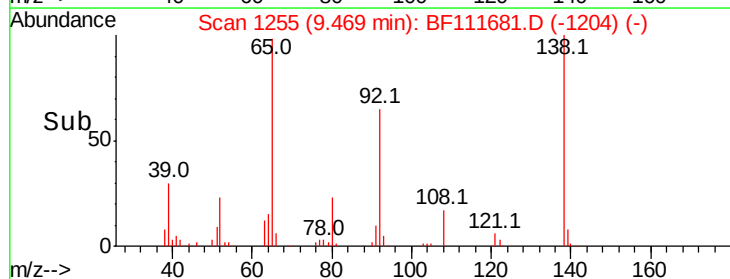
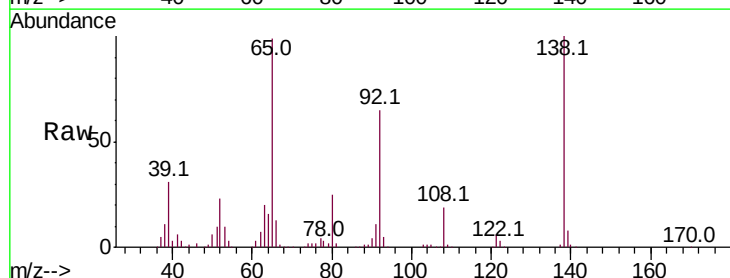
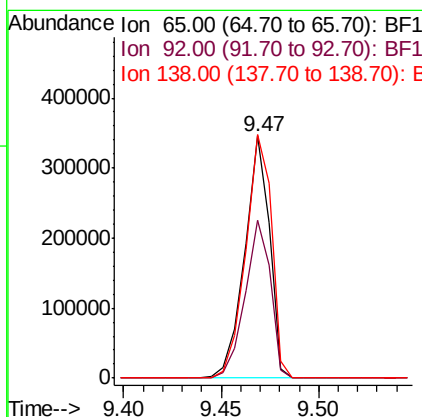
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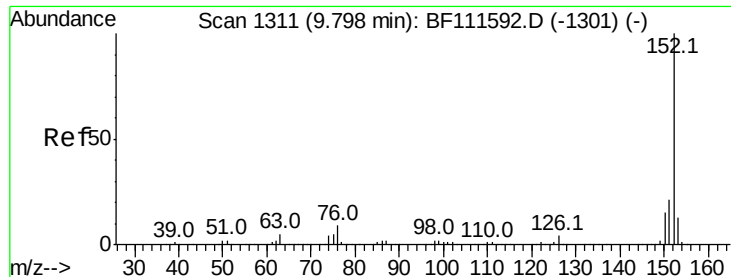
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#48
 2-Nitroaniline
 Concen: 50.416 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.3	53.5	80.3
138	100.6	80.9	121.3





#49

Acenaphthylene

Concen: 42.707 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1447064

Ion Ratio Lower Upper

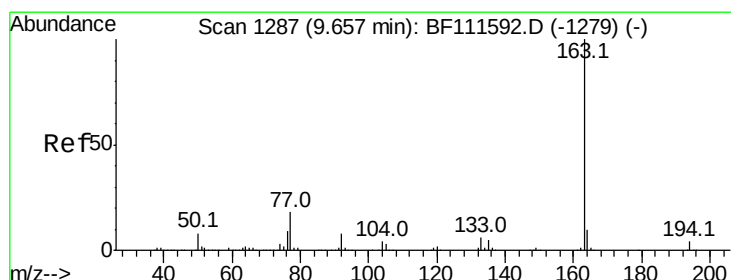
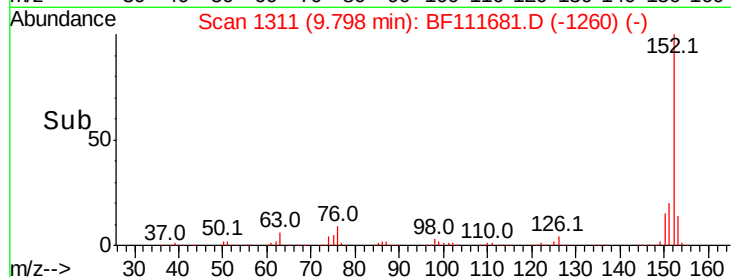
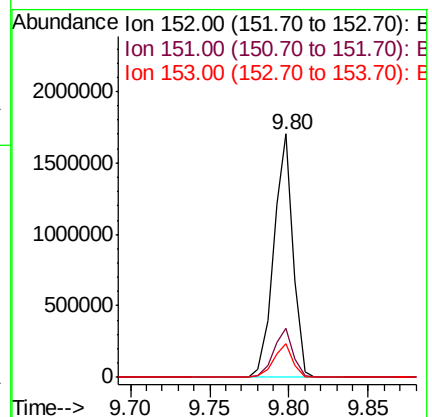
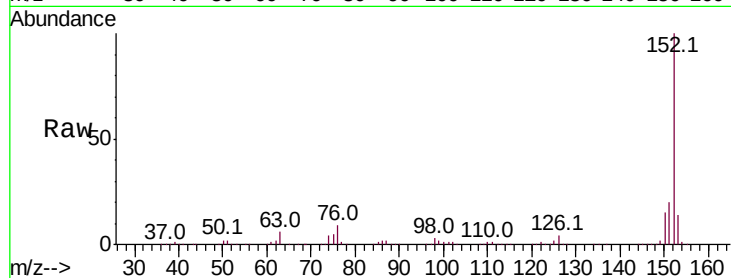
152 100

151 20.4 18.0 27.0

153 13.7 12.3 18.5

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12/26/2018 3:10:35 PM



#50

Dimethylphthalate

Concen: 42.207 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

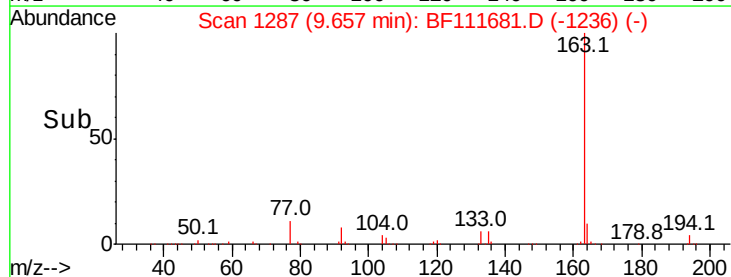
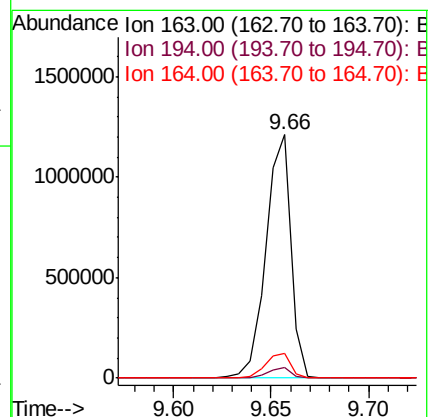
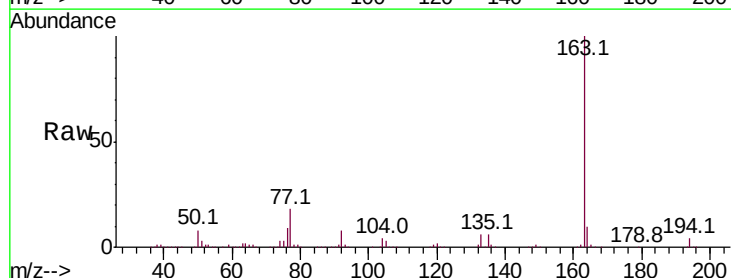
Tgt Ion:163 Resp: 1070963

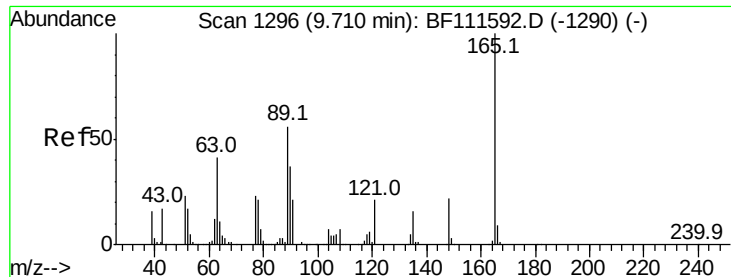
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.2 8.9 13.3





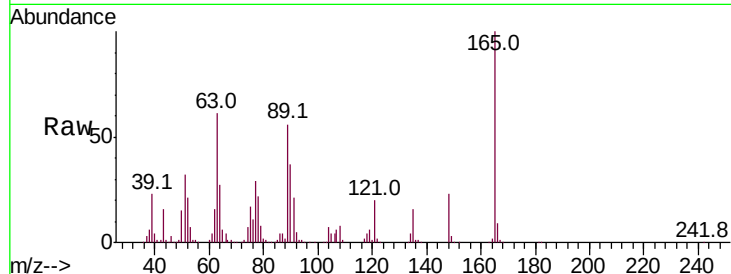
#51
2,6-Dinitrotoluene
Concen: 49.095 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

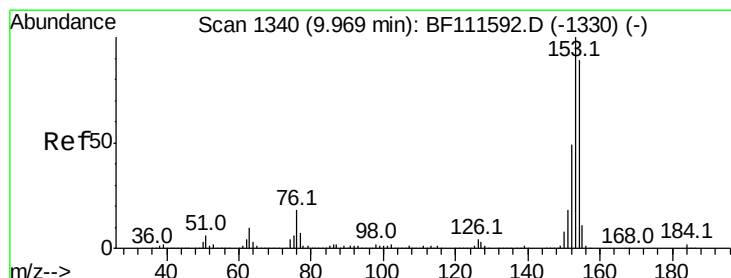
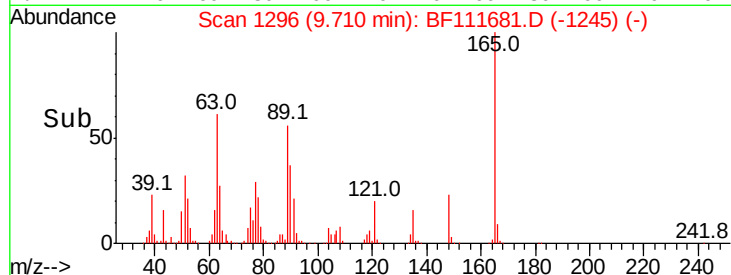
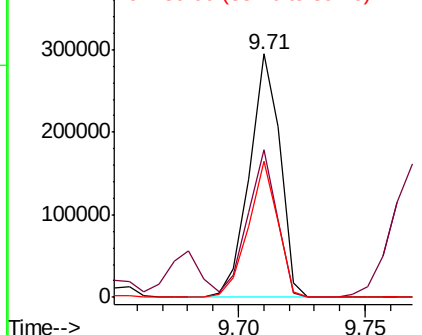
Tot Ion	Ratio	Resp	Lower	Upper
165	100	248400		
63	60.6		40.5	60.7
89	56.1		40.0	60.0

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12/26/2018 3:10:35 PM



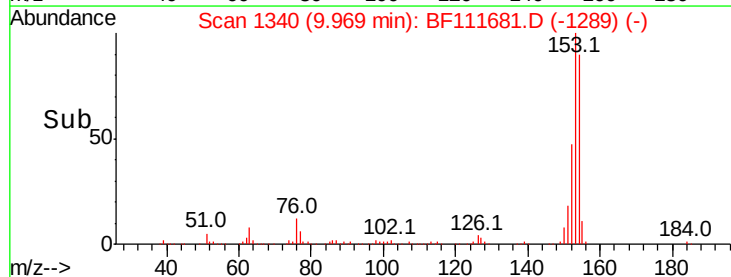
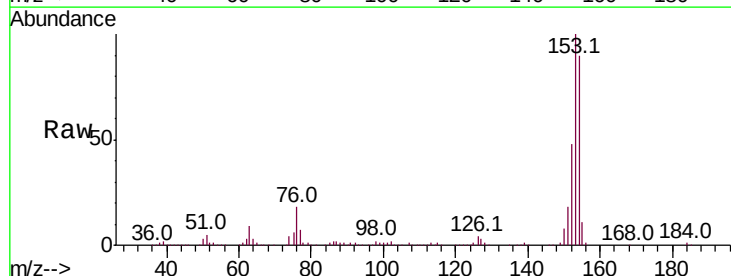
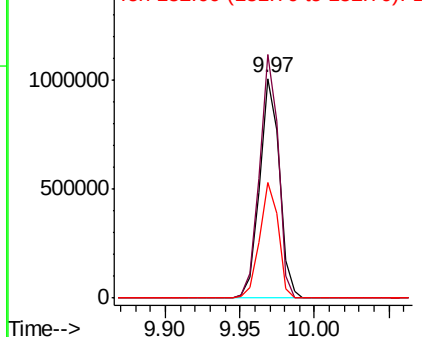
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

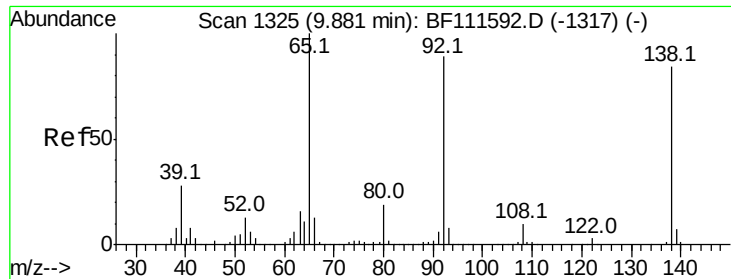


#52
Acenaphthene
Concen: 43.581 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	910766		
153	111.0		87.8	131.8
152	52.8		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





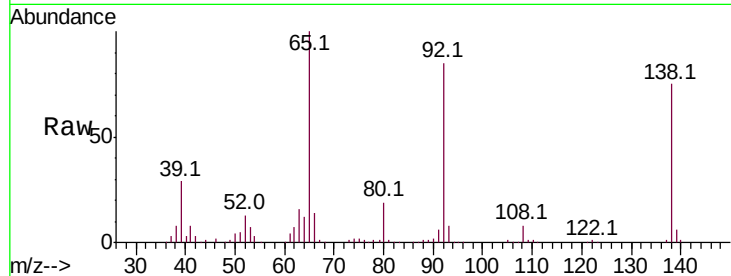
#53
 3-Nitroaniline
 Concen: 51.861 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.2	12.4
92	113.8	93.4	140.2

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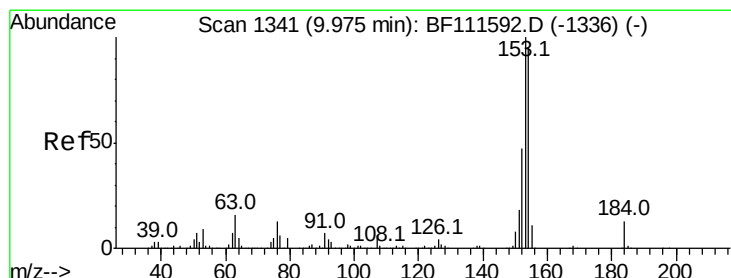
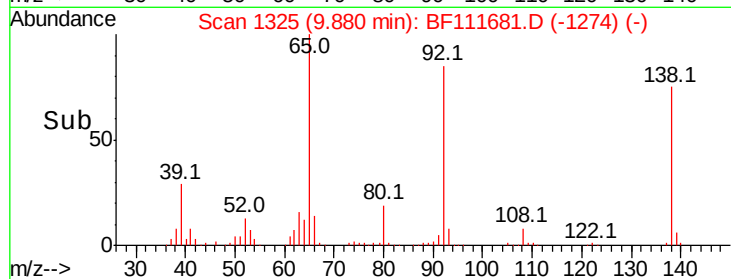
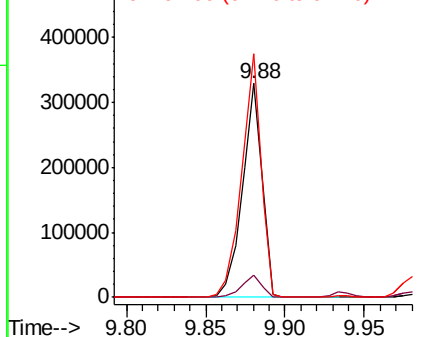


Abundance

Ion 138.00 (137.70 to 138.70): E

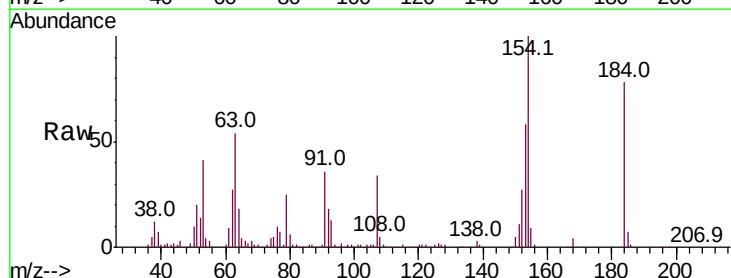
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 61.795 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.0	62.3	93.5
154	127.5	56.2	84.2#

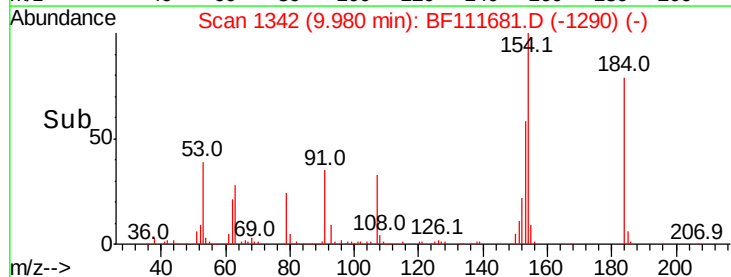
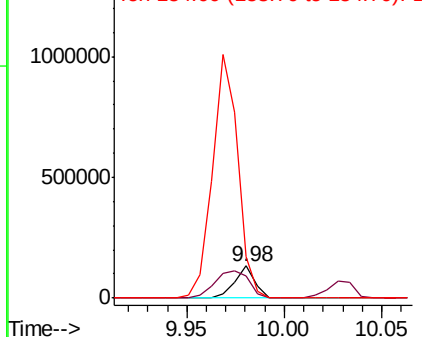


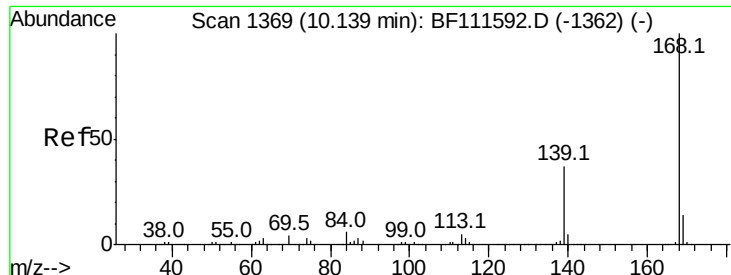
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





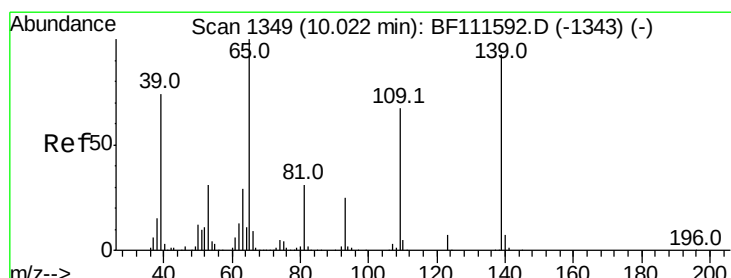
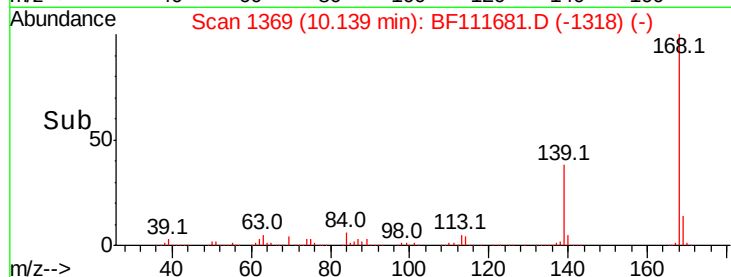
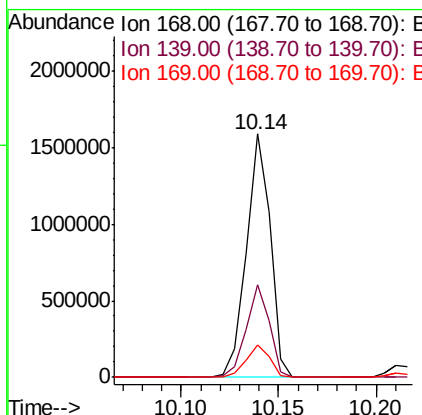
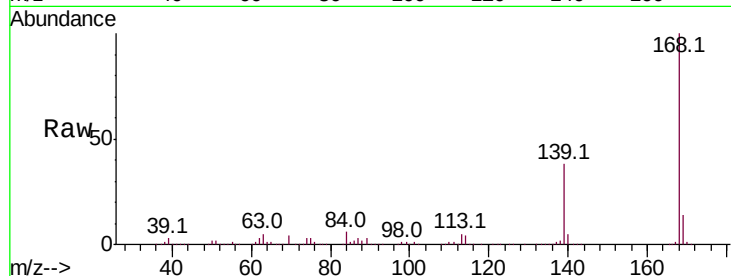
#55
Dibenzofuran
Concen: 42.549 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1343398
Ion Ratio Lower Upper
168 100
139 37.9 32.6 49.0
169 13.5 11.8 17.6

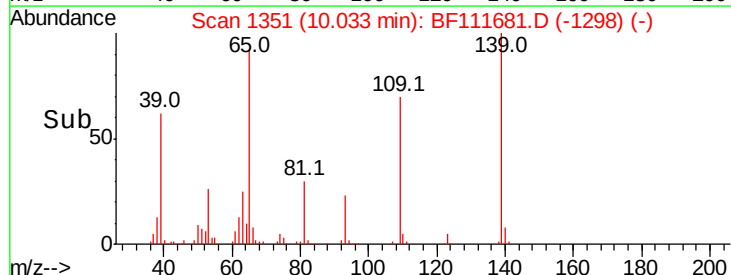
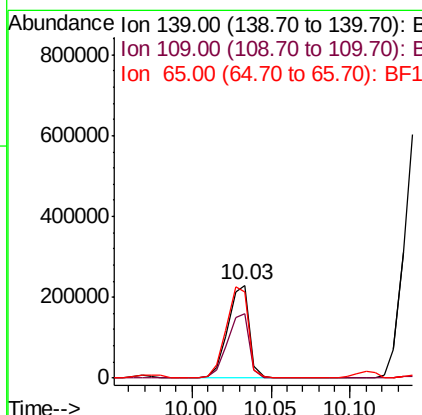
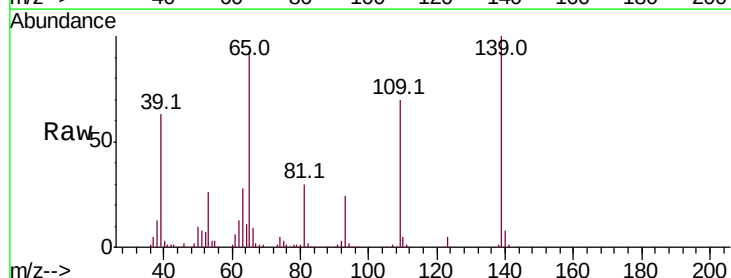
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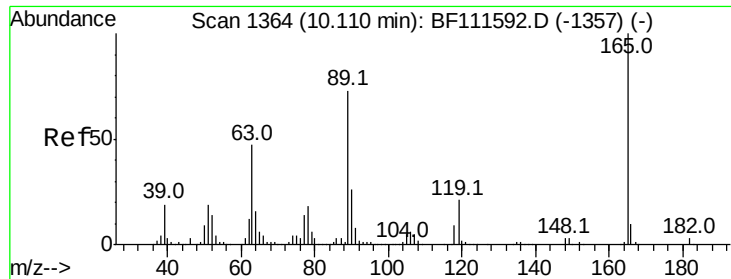
Sohil
12/26/2018 3:10:35 PM



#56
4-Nitrophenol
Concen: 52.815 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion:139 Resp: 217490
Ion Ratio Lower Upper
139 100
109 70.1 41.8 81.8
65 92.8 79.6 119.6





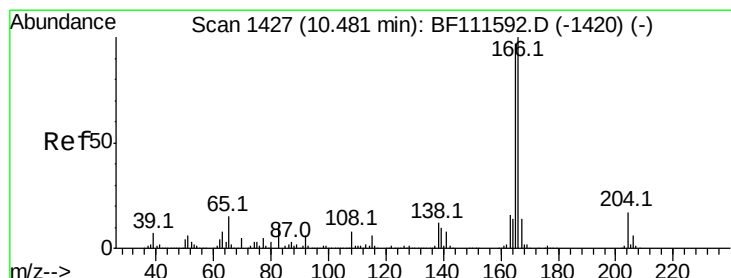
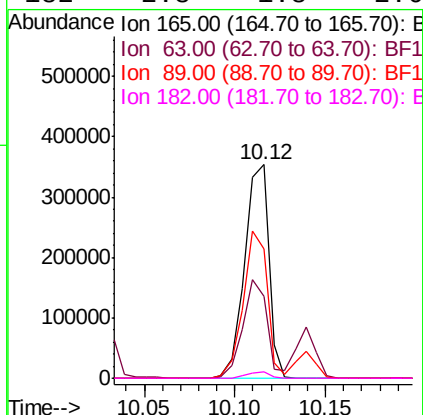
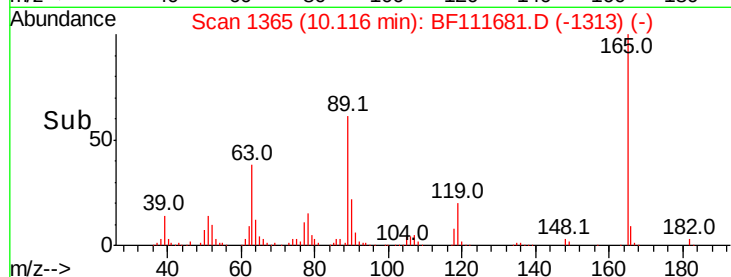
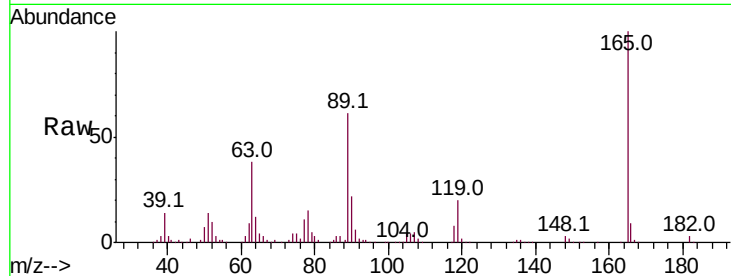
#57
2,4-Dinitrotoluene
Concen: 54.004 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.4	34.6	52.0
89	60.6	56.2	84.4
182	2.8	1.8	2.6

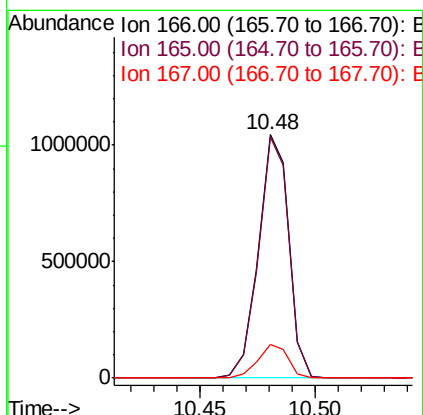
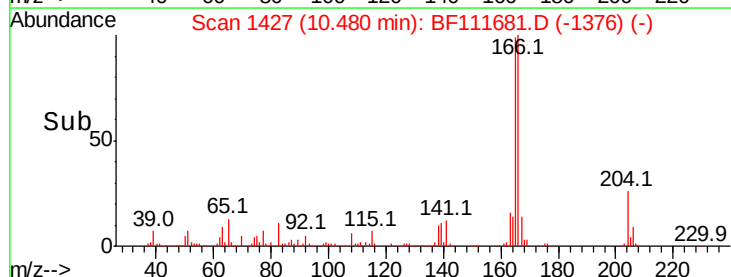
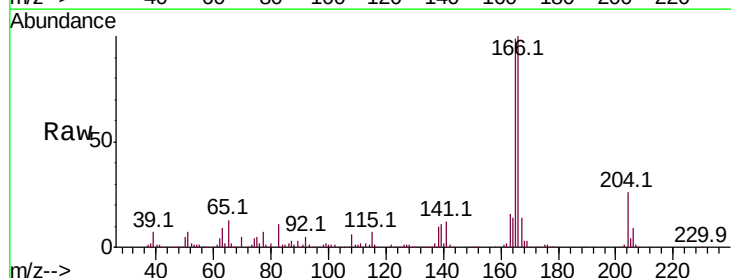
Manual Integrations
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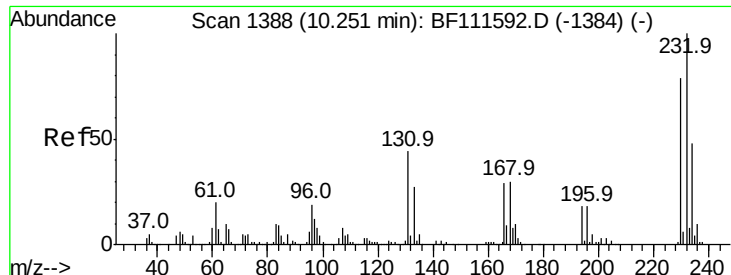
Sohil
12/26/2018 3:10:35 PM



#58
Fluorene
Concen: 42.071 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.4	117.6
167	14.0	11.2	16.8





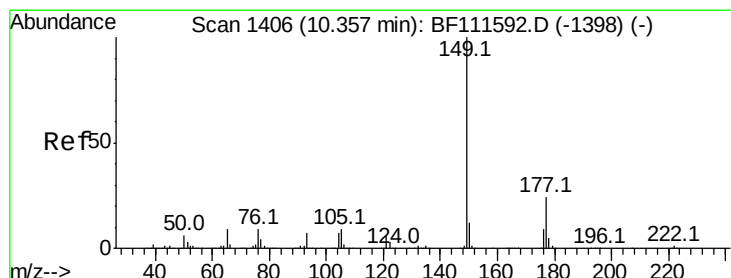
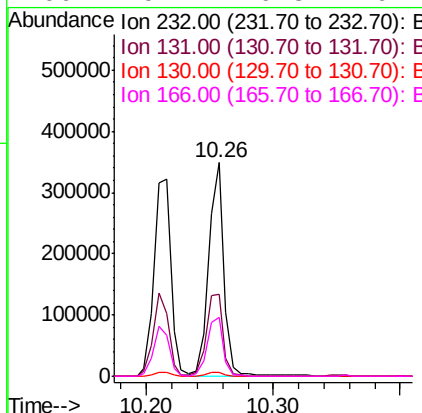
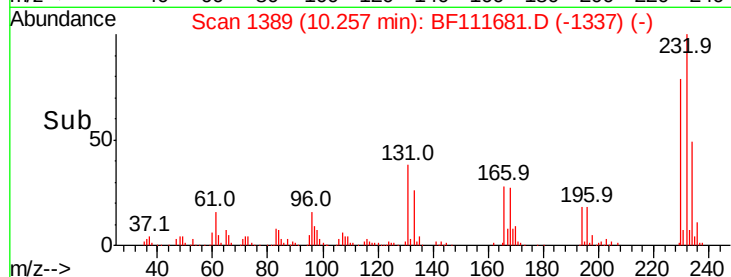
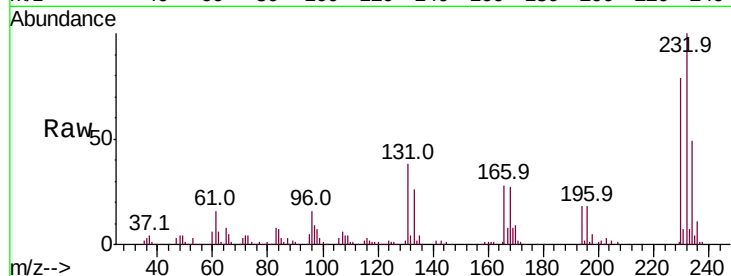
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.495 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	292435		
131	42.7	40.9	61.3	
130	2.1	2.0	3.0	
166	29.7	26.8	40.2	

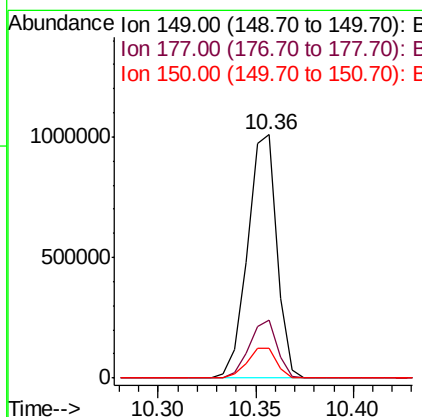
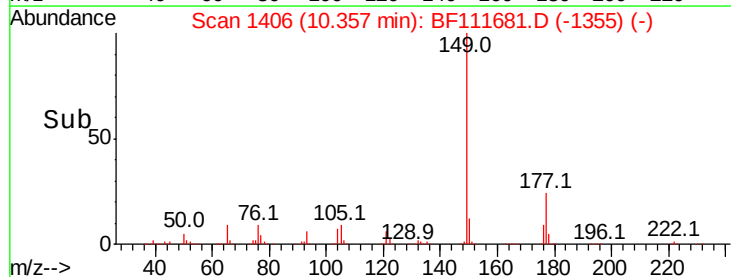
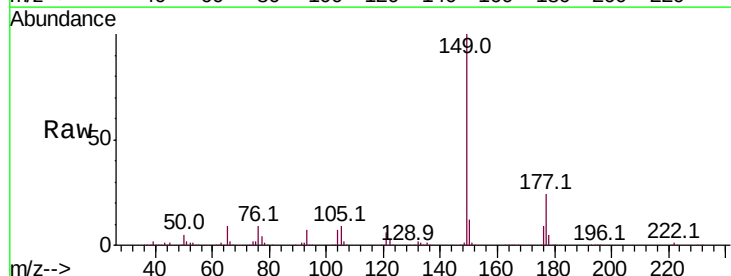
Manual Integrations
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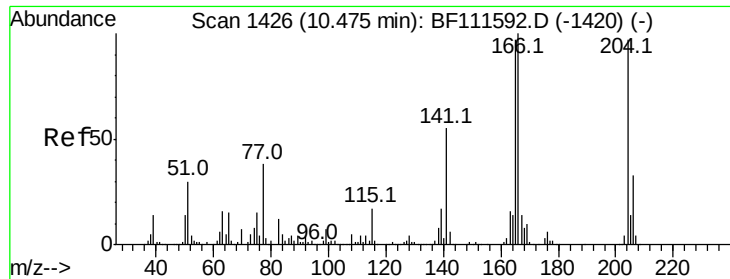
Sohil
 12/26/2018 3:10:35 PM



#60
 Diethylphthalate
 Concen: 42.002 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1045446		
177	23.7	18.3	27.5	
150	12.1	10.6	15.8	





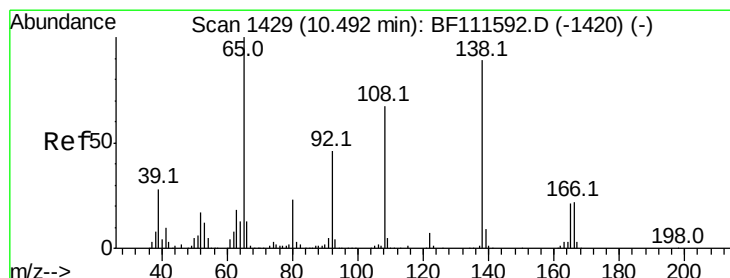
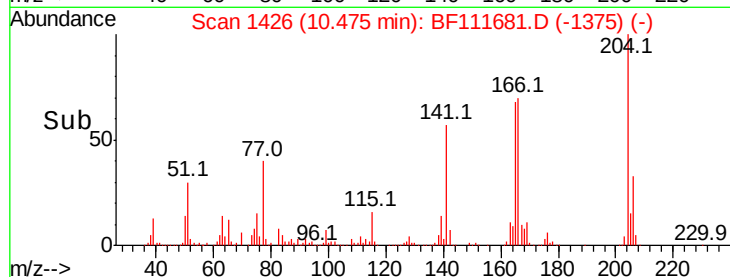
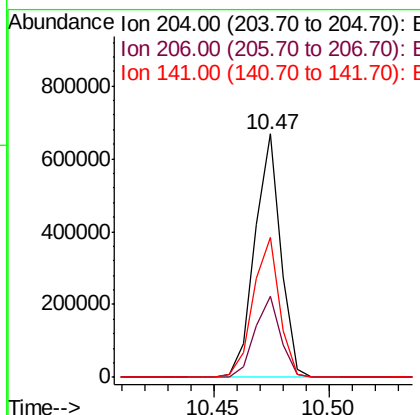
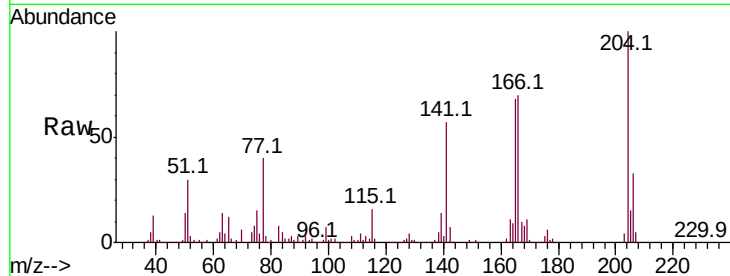
#61
 4-Chlorophenyl-phenylether
 Concen: 41.763 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	57.5	52.6	78.8

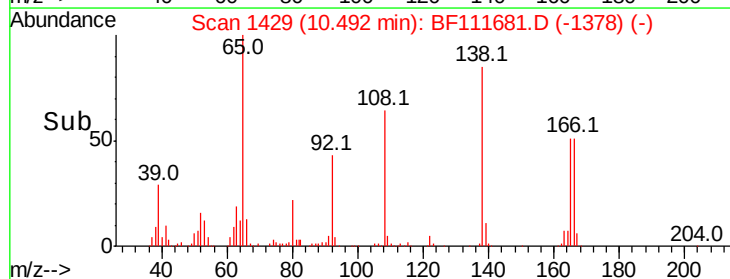
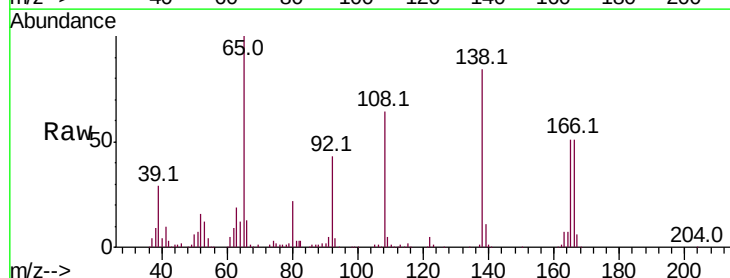
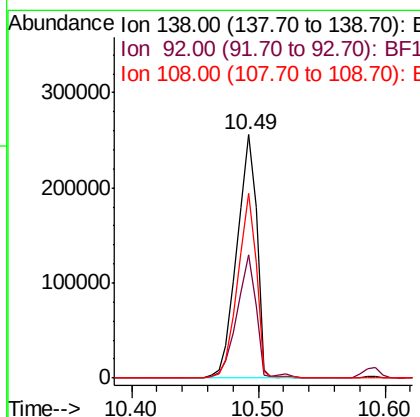
Manual Integrations
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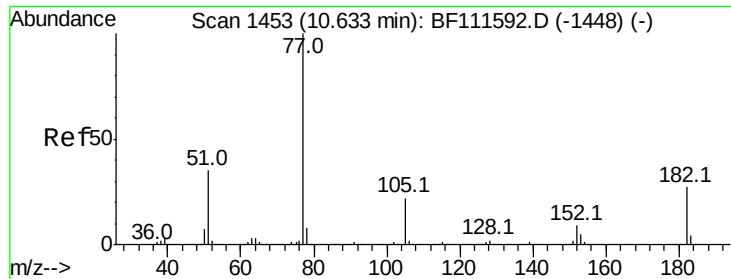
Sohil
 12/26/2018 3:10:35 PM



#62
 4-Nitroaniline
 Concen: 52.232 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	29.9	69.9
108	75.7	43.2	83.2





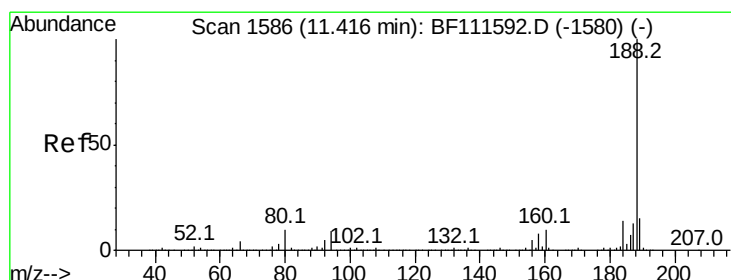
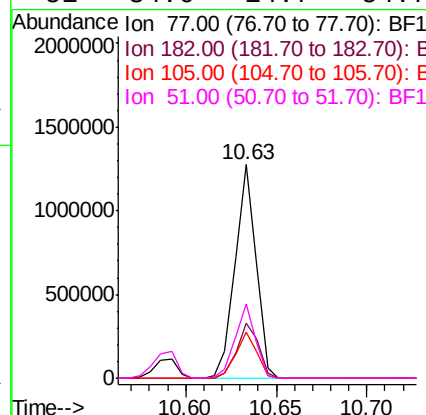
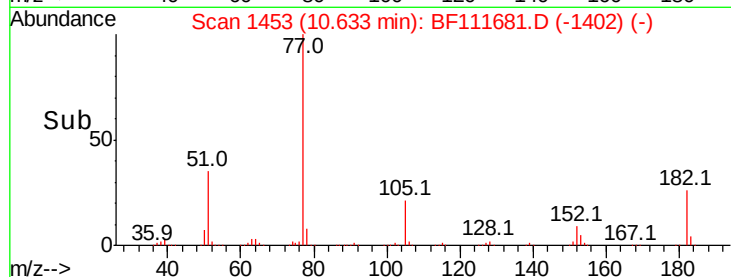
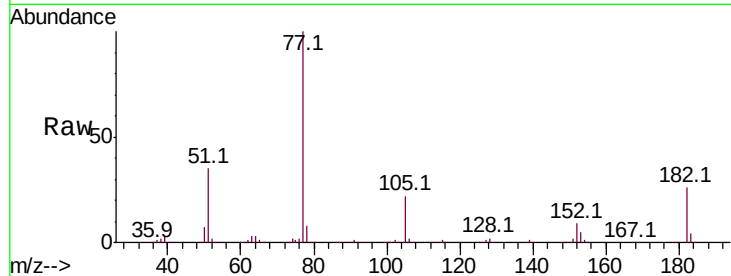
#63
Azobenzene
Concen: 41.532 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	77	Resp	1037821
Ion	Ratio	Lower	Upper
77	100		
182	25.9	4.9	44.9
105	21.6	6.0	46.0
51	34.6	14.7	54.7

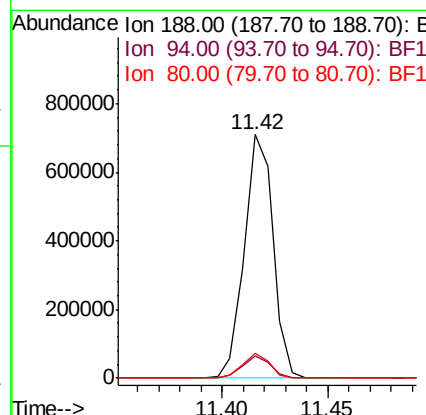
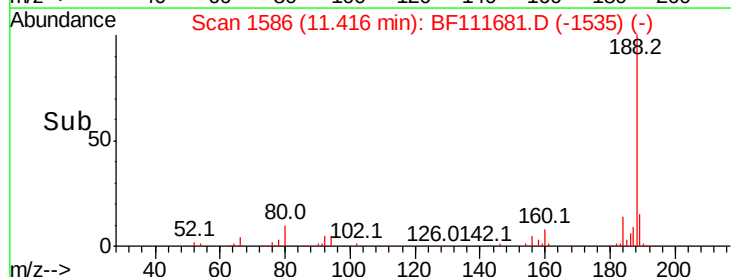
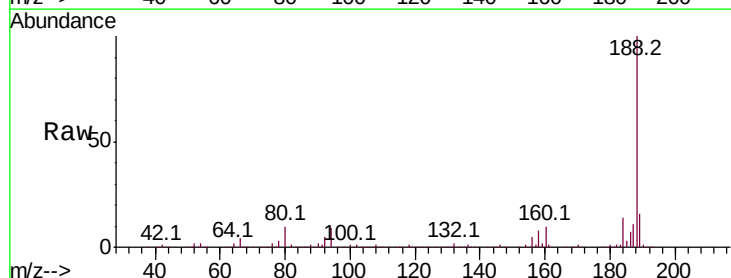
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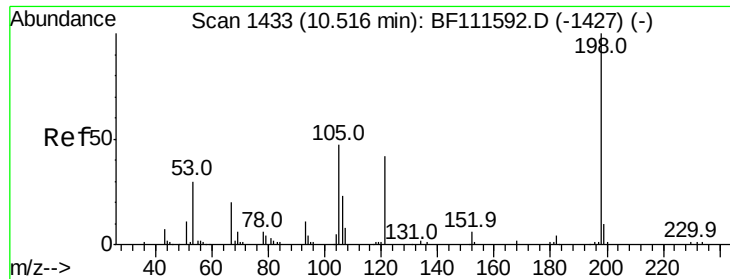
Sohil
12/26/2018 3:10:35 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	188	Resp	666483
Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.6	14.4#
80	10.1	9.8	14.6





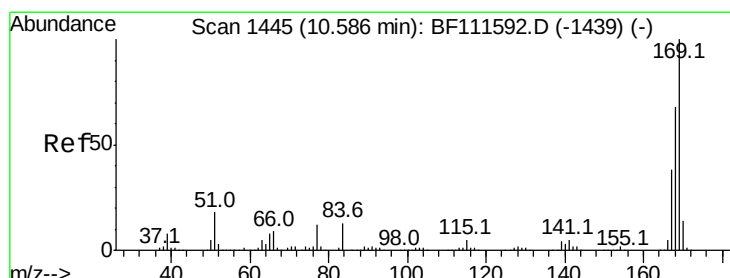
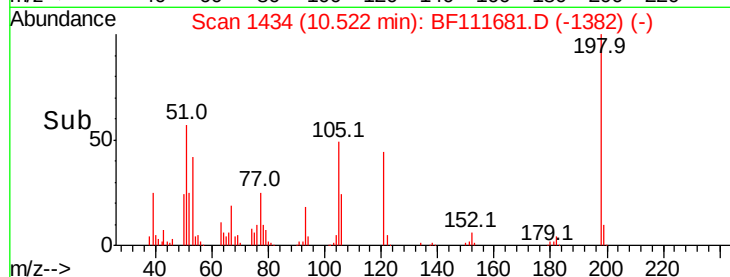
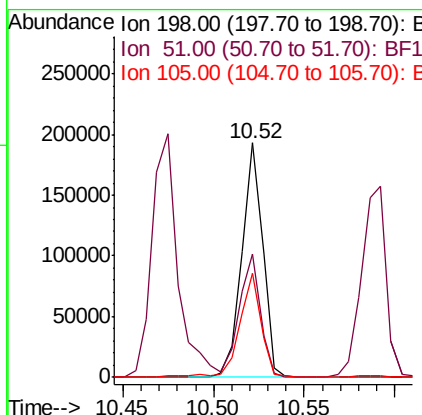
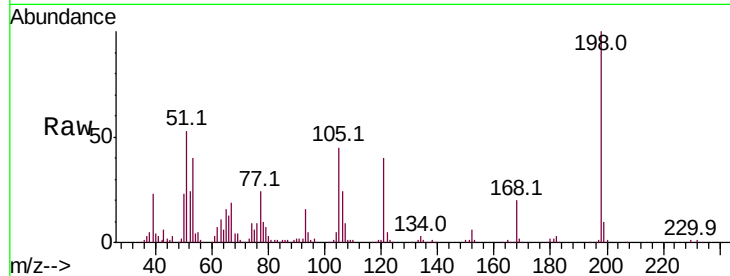
#65
4,6-Dinitro-2-methylphenol
Concen: 55.210 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	155296		
51	52.5	48.0	88.0	
105	44.5	34.0	74.0	

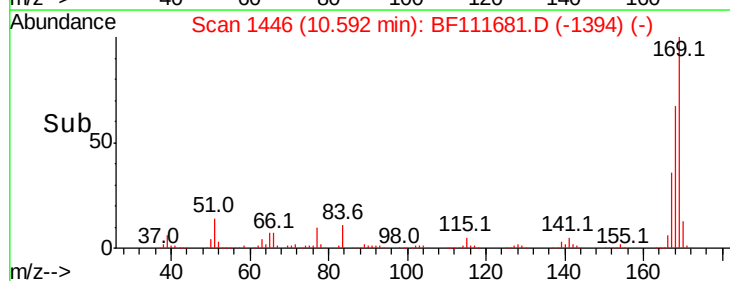
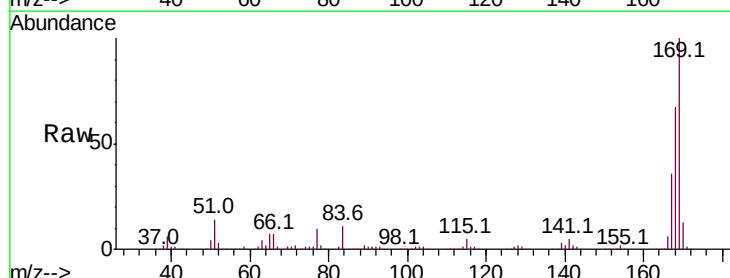
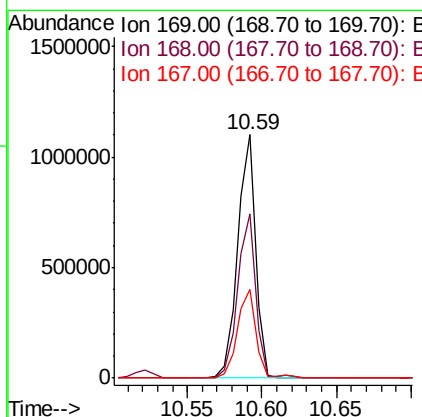
Manual Integrations
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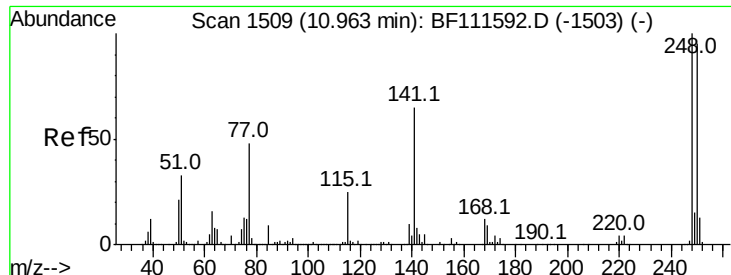
Sohil
12/26/2018 3:10:35 PM



#66
n-Nitrosodiphenylamine
Concen: 41.565 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	929926		
168	67.2	54.4	81.6	
167	36.4	30.5	45.7	





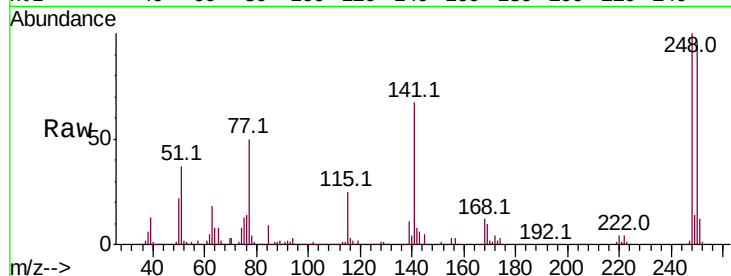
#67
4-Bromophenyl-phenylether
Concen: 42.115 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.0	115.4
141	67.1	63.0	94.6

Manual Integrations
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Sohil
12/26/2018 3:10:35 PM

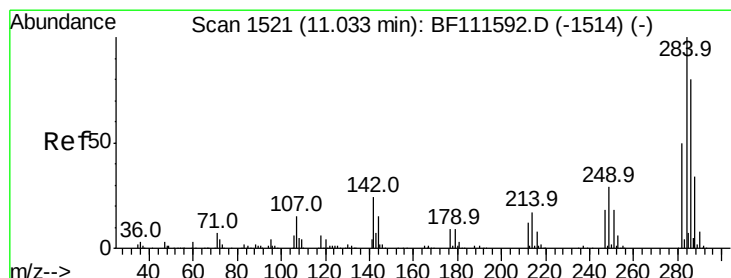
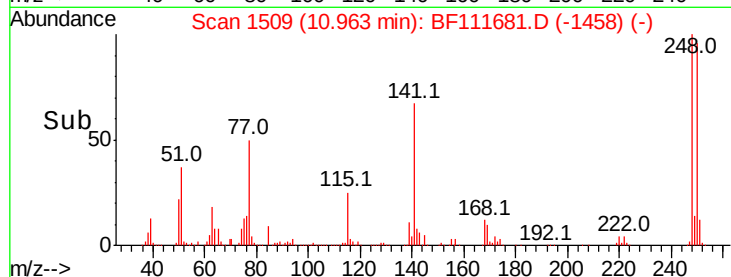
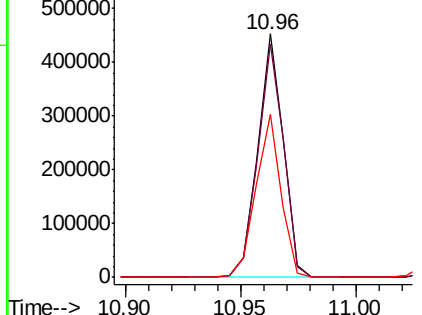


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.225 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

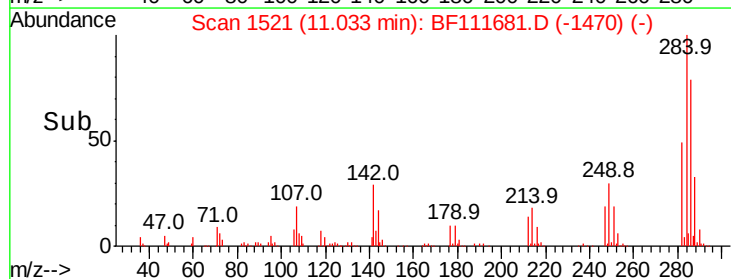
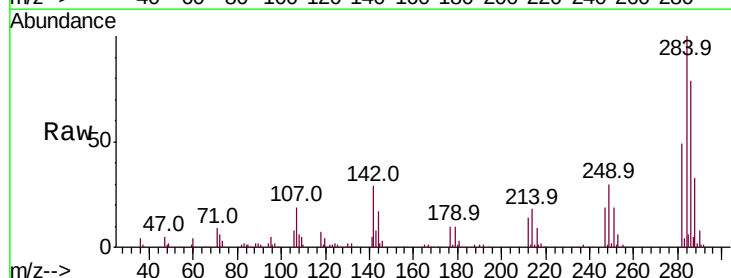
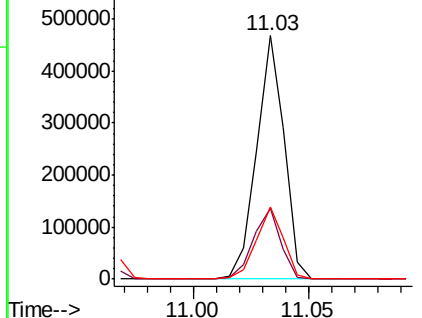
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	27.4	41.2
249	29.6	24.4	36.6

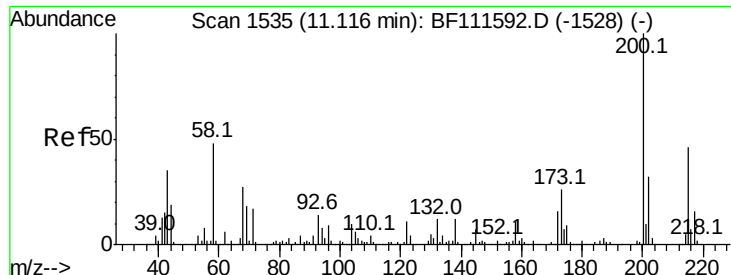
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





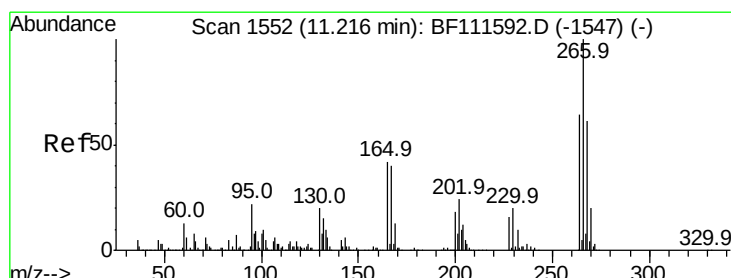
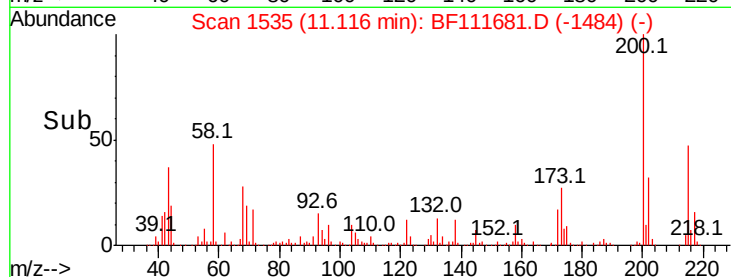
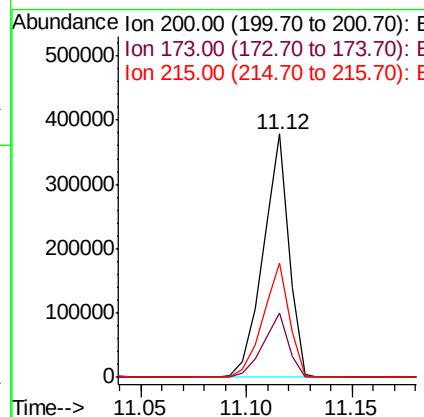
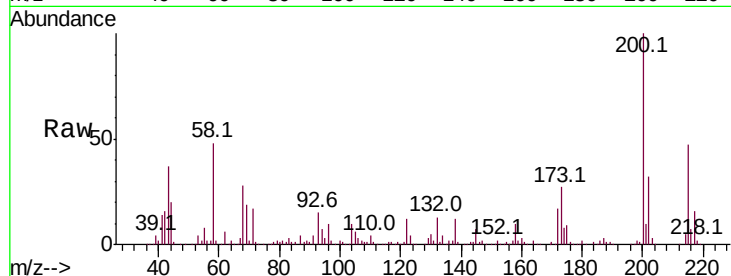
#69
Atrazine
Concen: 41.329 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	10.1	50.1
215	47.2	26.9	66.9

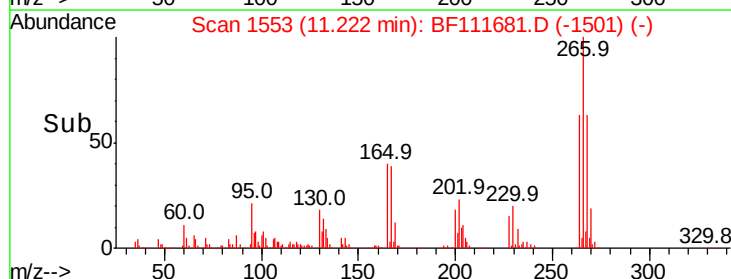
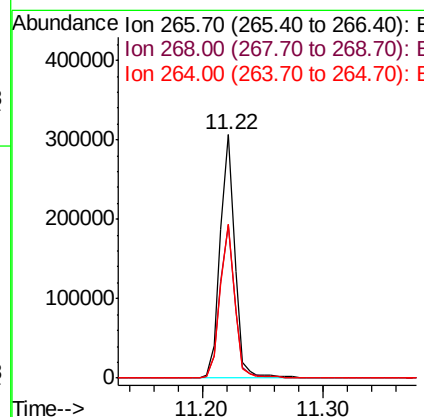
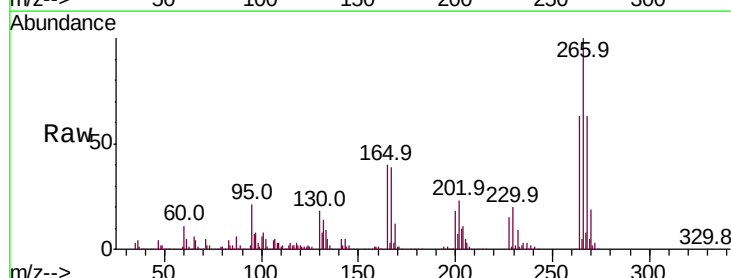
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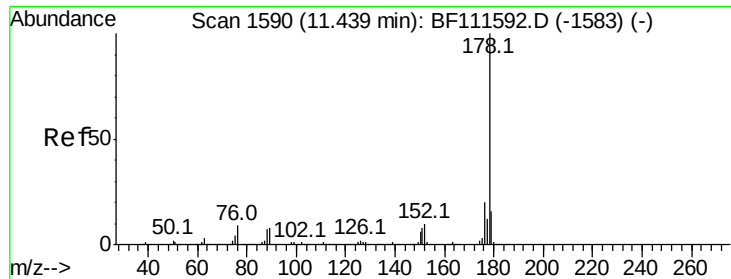
Sohil
12/26/2018 3:10:35 PM



#70
Pentachlorophenol
Concen: 44.861 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	47.9	71.9
264	63.2	49.1	73.7





#71

Phenanthrene

Concen: 42.313 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1495609

Ion Ratio Lower Upper

178 100

176 20.0 18.1 27.1

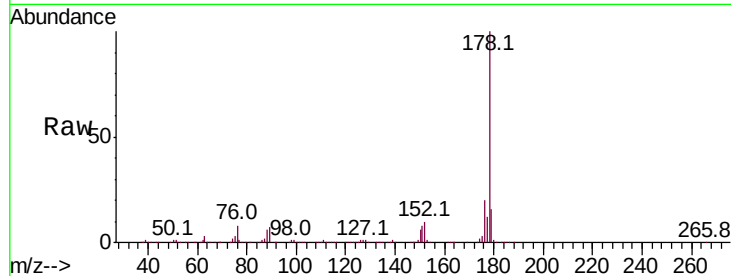
179 15.7 14.0 21.0

Manual Integrations

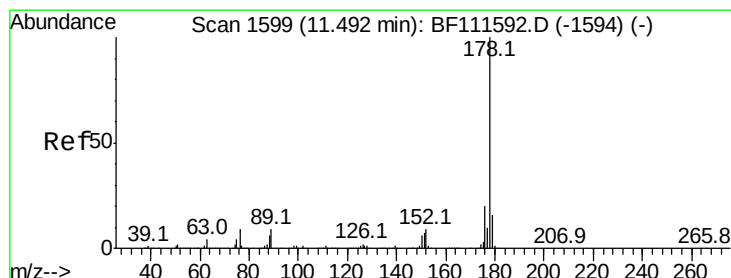
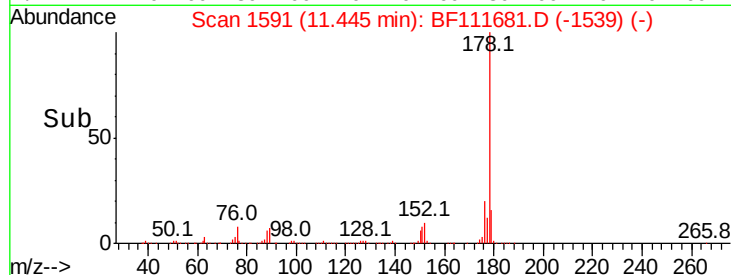
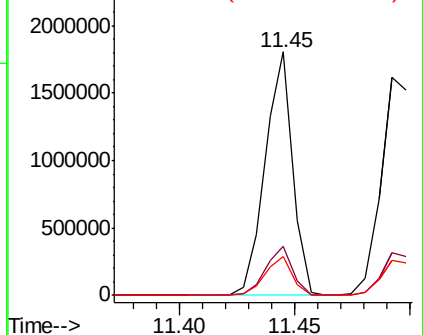
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Sohil

12/26/2018 3:10:35 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.252 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Tgt Ion:178 Resp: 1499010

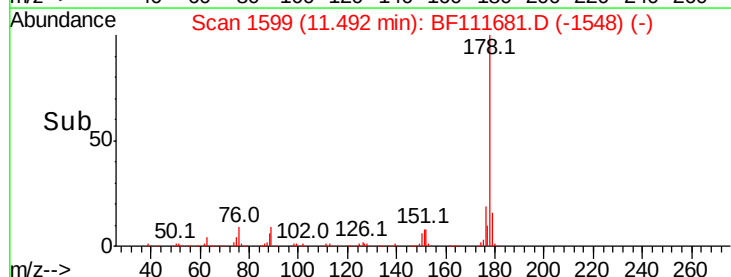
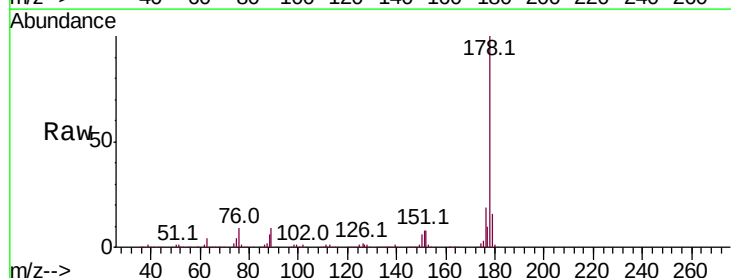
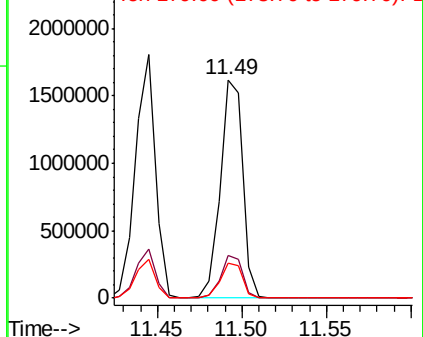
Ion Ratio Lower Upper

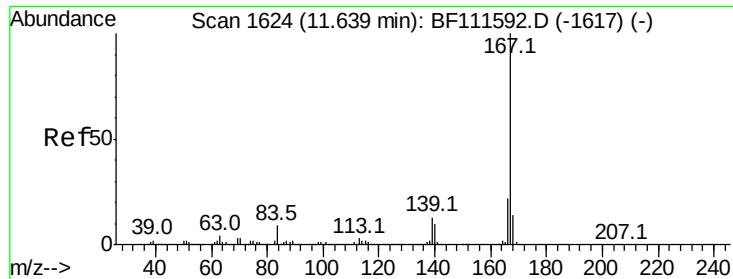
178 100

176 19.4 17.2 25.8

179 16.2 13.8 20.8

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





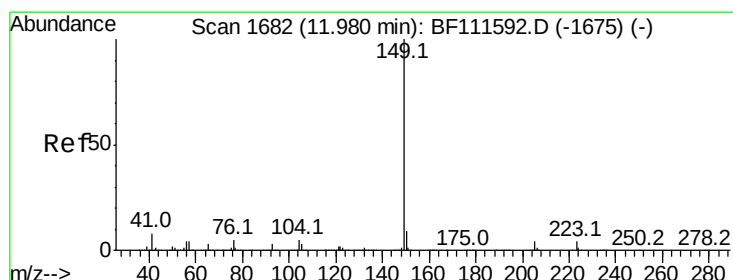
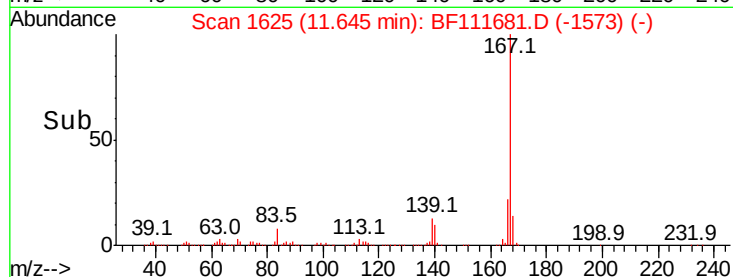
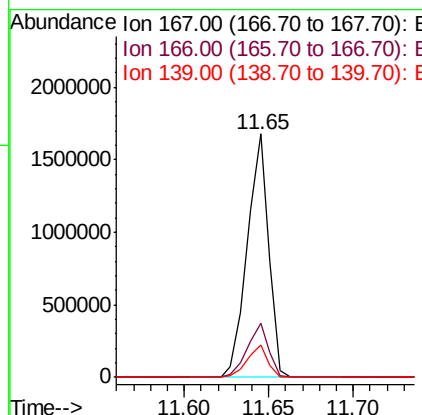
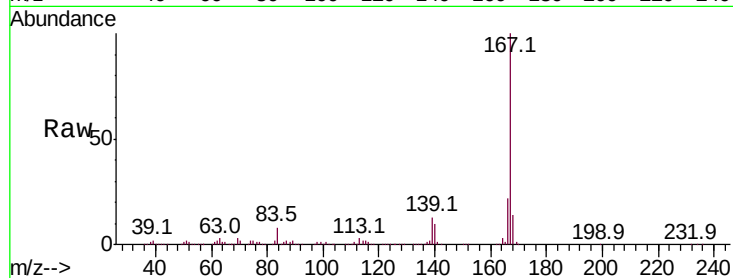
#73
 Carbazole
 Concen: 43.191 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	19.3	28.9
139	13.1	11.9	17.9

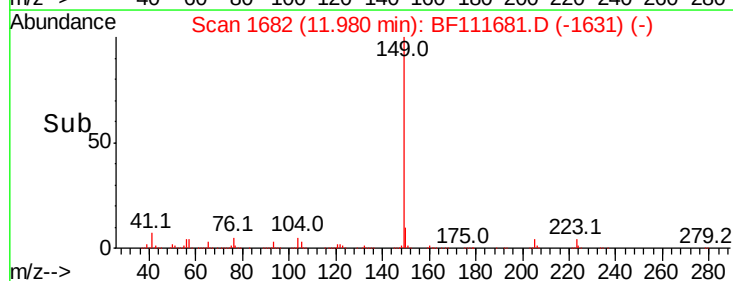
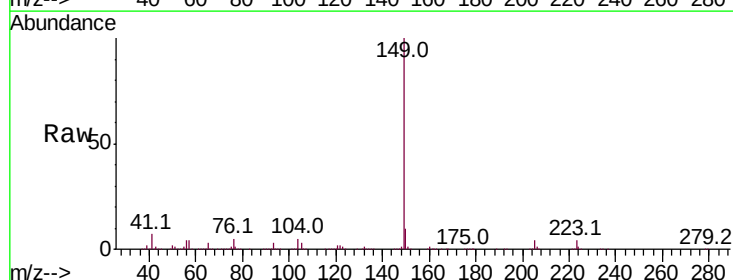
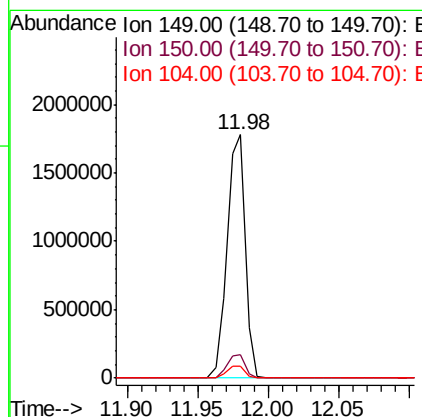
Manual Integrations
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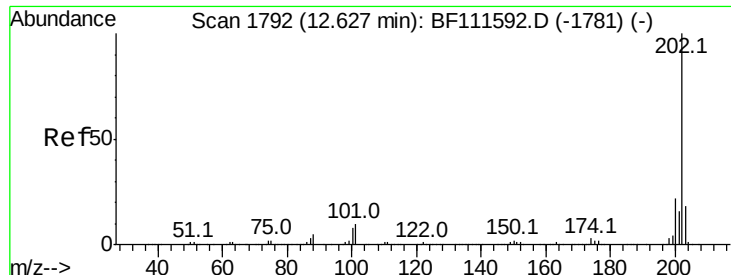
Sohil
 12/26/2018 3:10:35 PM



#74
 Di-n-butylphthalate
 Concen: 40.870 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.8	13.2
104	4.7	4.5	6.7





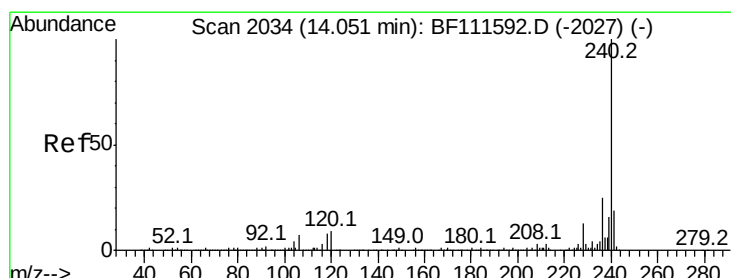
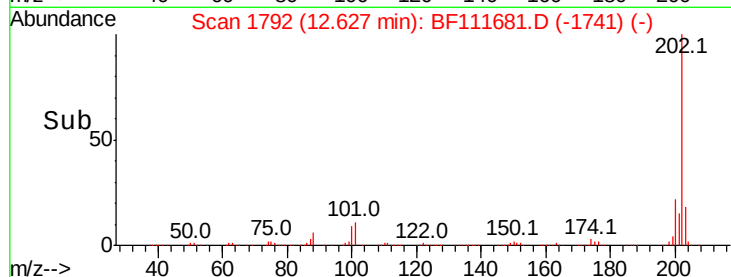
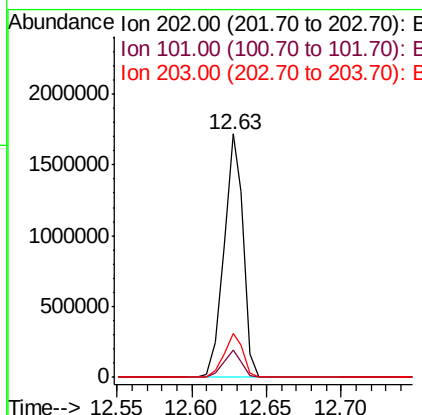
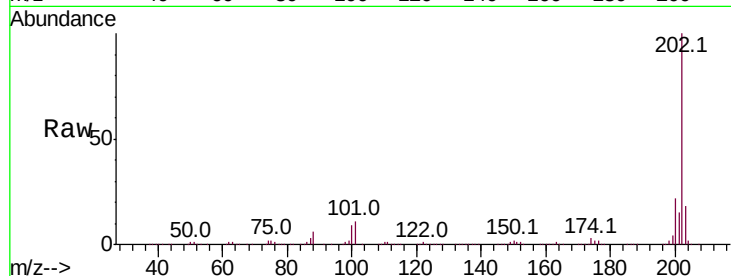
#75
Fluoranthene
 Concen: 43.597 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1560480		
101	11.3	0.0	33.8	
203	17.8	0.0	38.6	

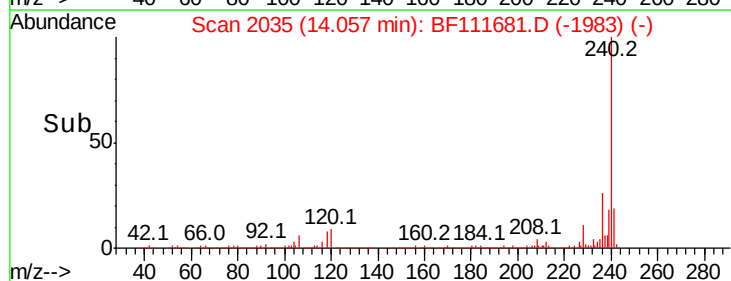
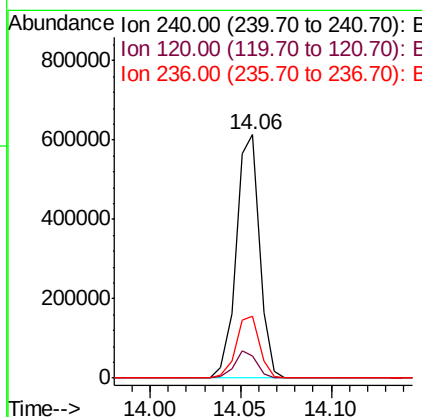
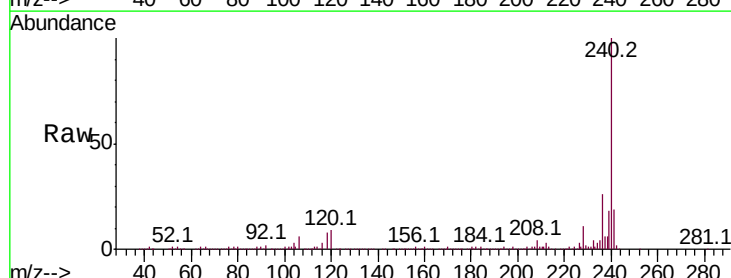
Manual Integrations
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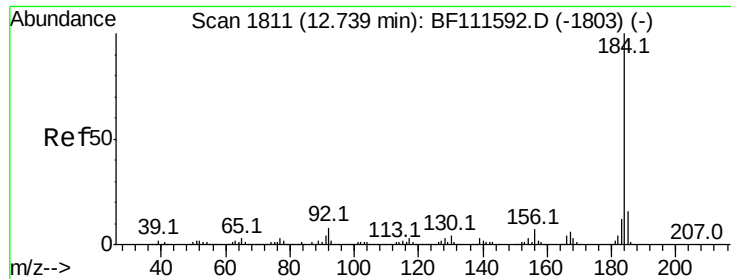
Sohil
 12/26/2018 3:10:35 PM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	549479		
120	9.0	12.2	18.2#	
236	25.6	20.2	30.2	





#77

Benzidine

Concen: 37.488 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 775117

Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.6

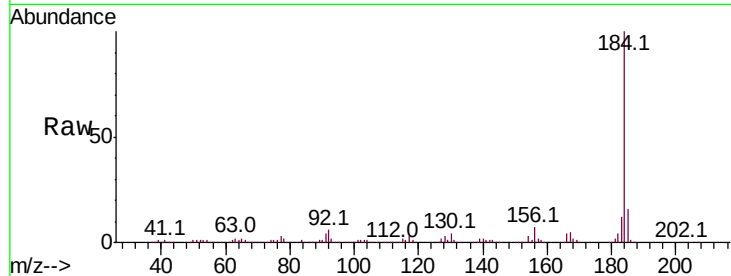
183 12.1 9.3 13.9

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Sohil

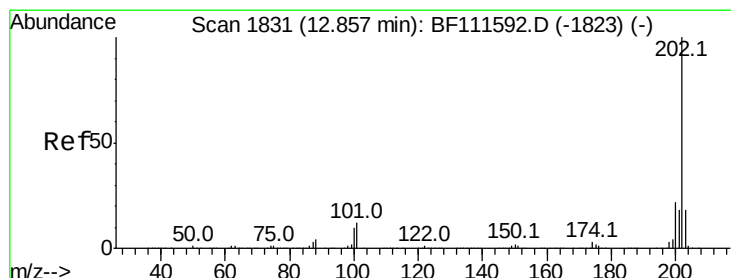
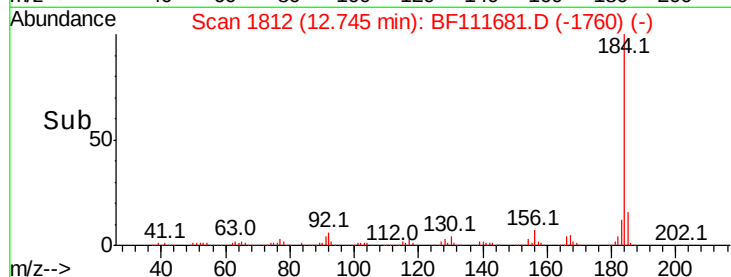
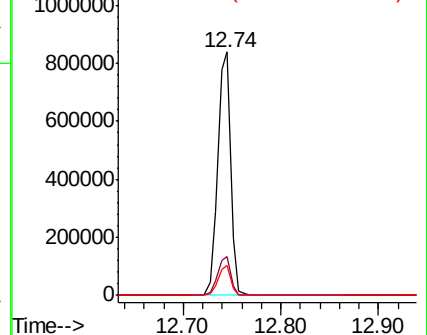
12/26/2018 3:10:35 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.312 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

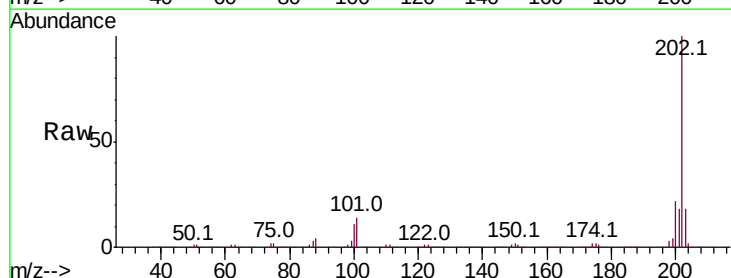
Tgt Ion:202 Resp: 1603039

Ion Ratio Lower Upper

202 100

200 22.1 19.0 28.4

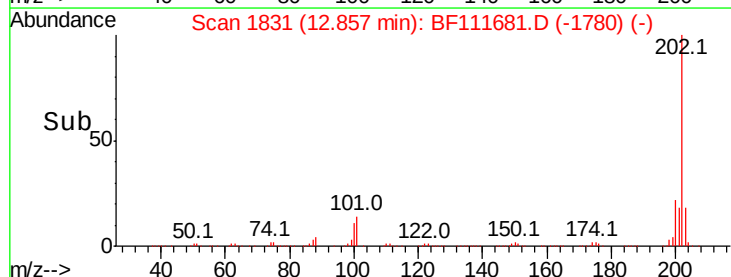
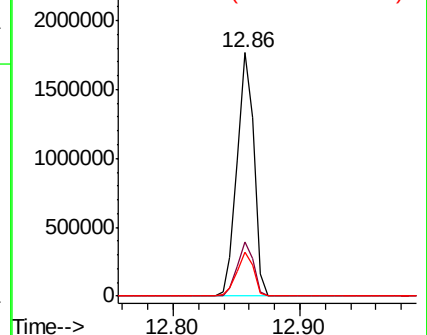
203 18.2 15.2 22.8

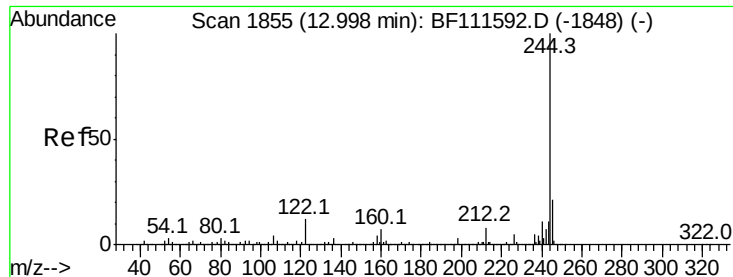


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.572 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2305558

Ion Ratio Lower Upper

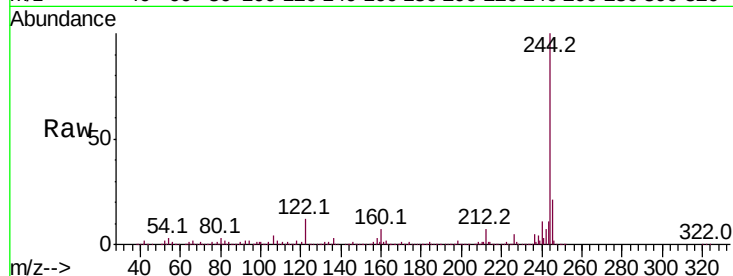
244 100

212 7.2 5.7 8.5

122 11.7 13.1 19.7#

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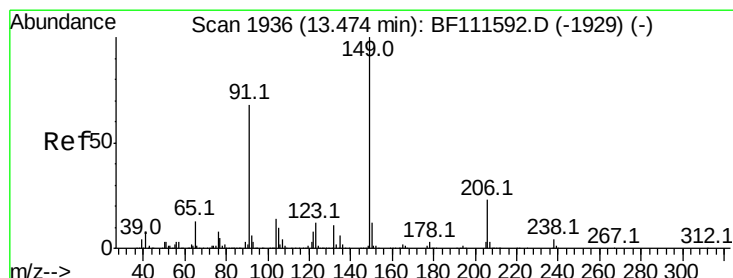
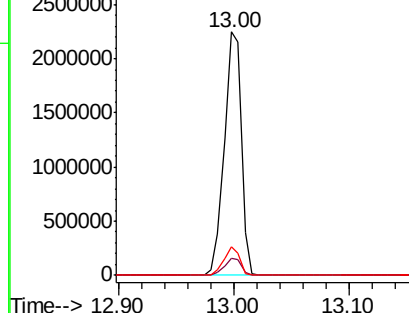
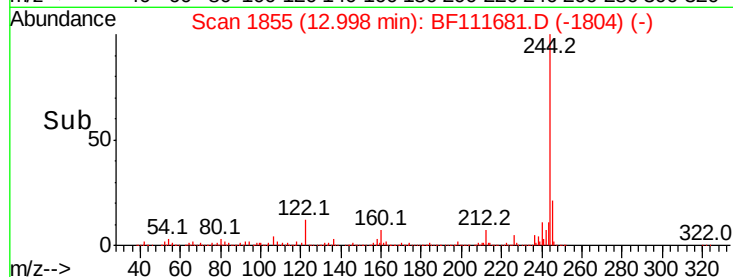
Sohil
12/26/2018 3:10:35 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.703 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF111681.D

Acq: 21 Dec 2018 12:15

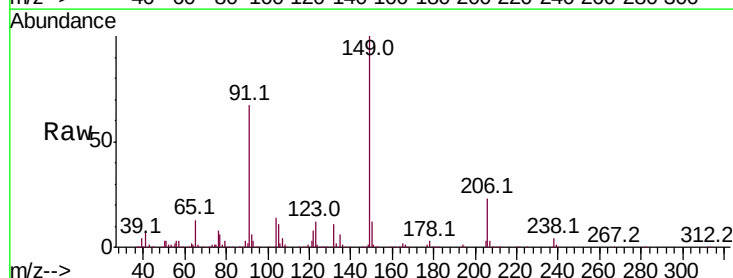
Tgt Ion:149 Resp: 675436

Ion Ratio Lower Upper

149 100

91 67.4 63.8 95.6

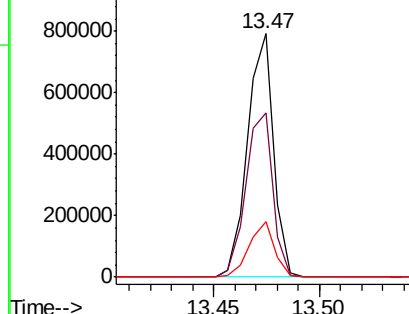
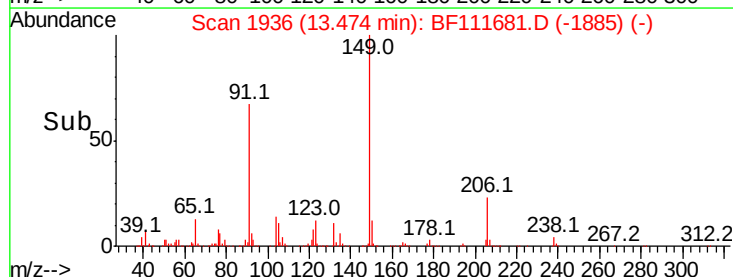
206 22.6 15.1 22.7

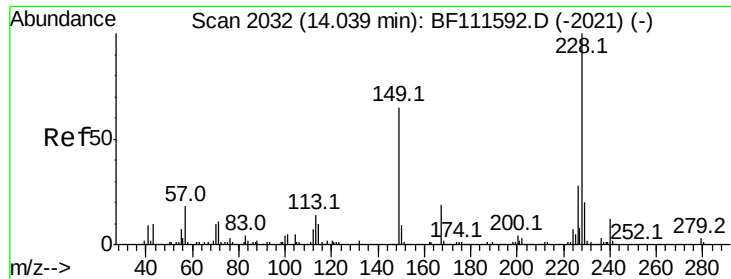


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





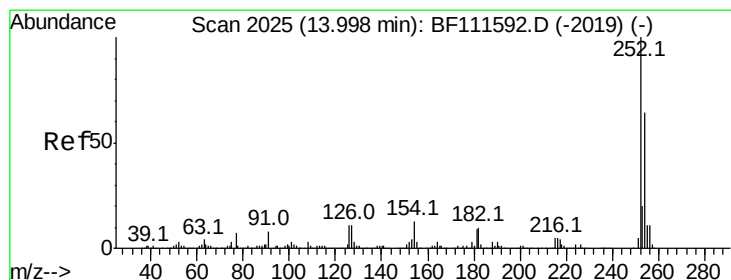
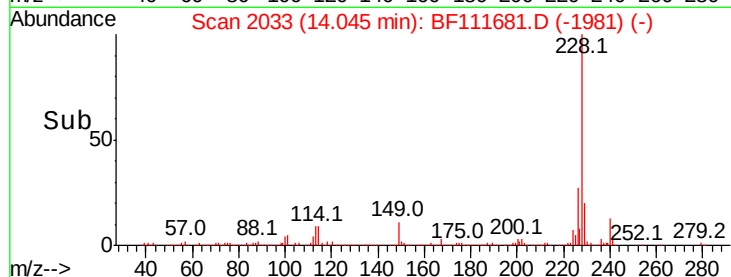
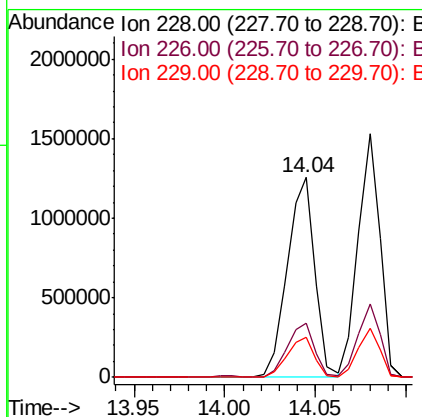
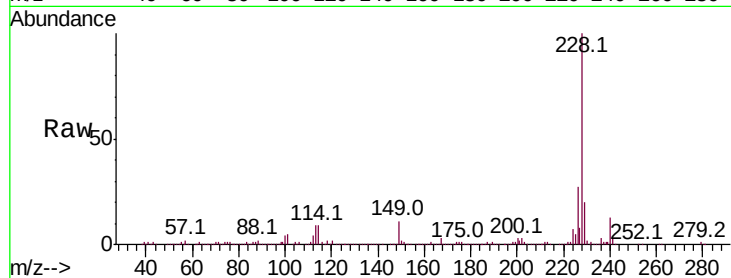
#81
 Benzo(a)anthracene
 Concen: 42.445 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	228	Resp:	1331009
Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	34.0
229	20.1	16.3	24.5

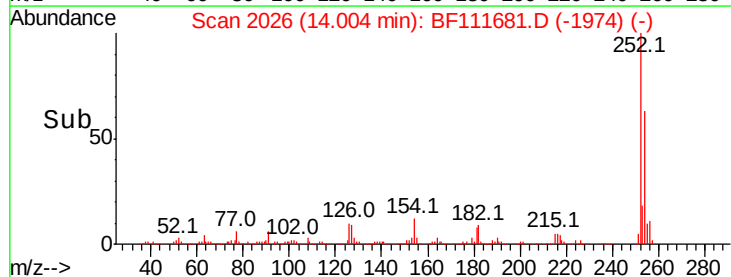
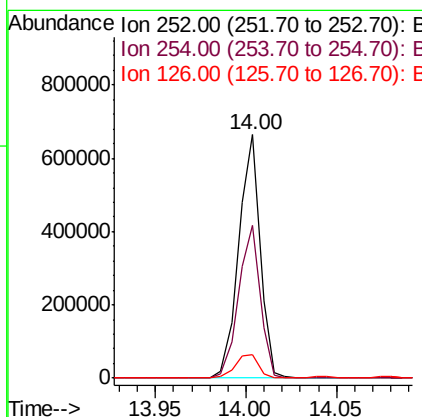
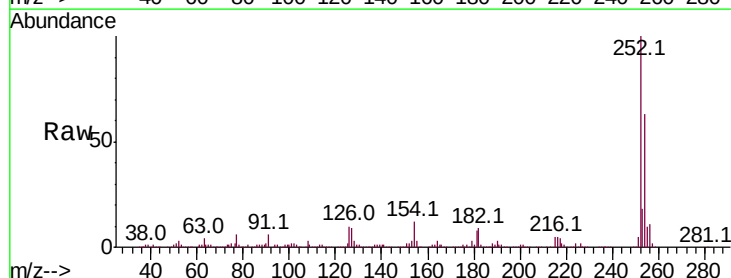
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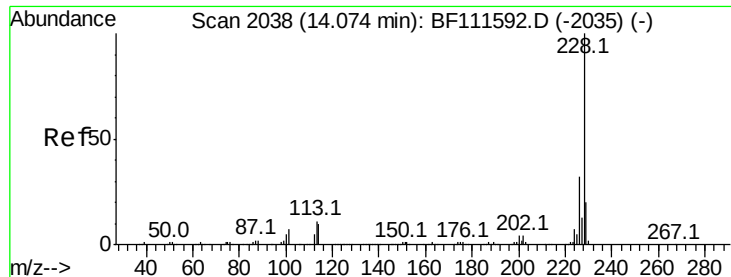
Sohil
 12/26/2018 3:10:35 PM



#82
 3,3'-Dichlorobenzidine
 Concen: 44.015 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Tgt Ion:	252	Resp:	545349
Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.7	79.1
126	9.9	11.1	16.7#





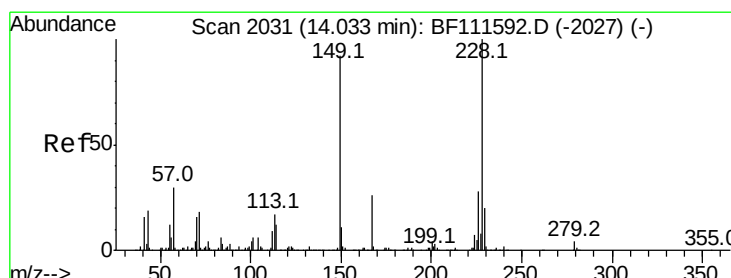
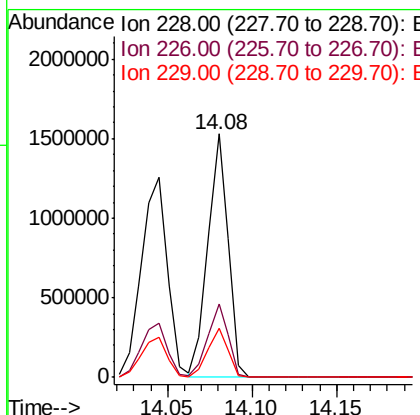
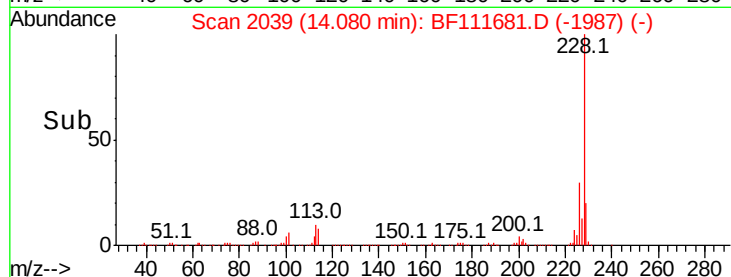
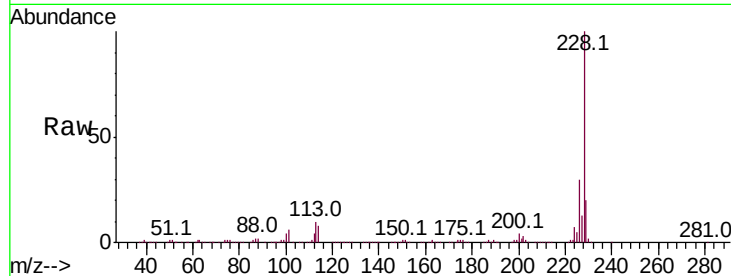
#83
 Chrysene
 Concen: 42.013 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.3	37.9
229	20.0	17.2	25.8

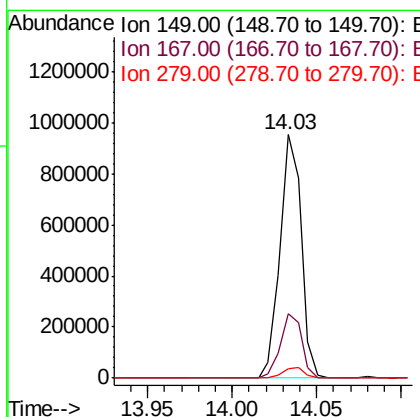
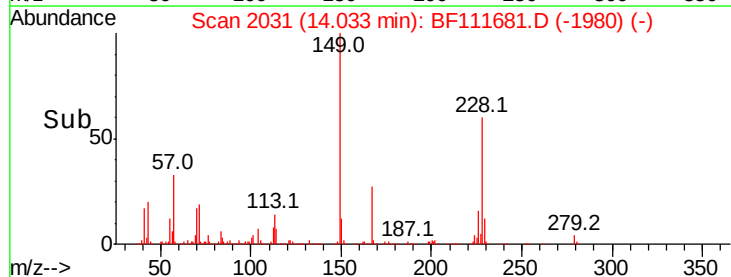
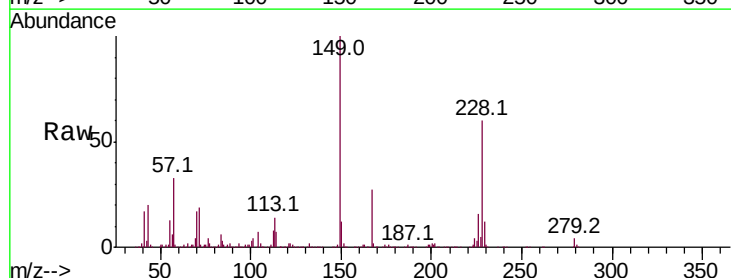
Manual Integrations
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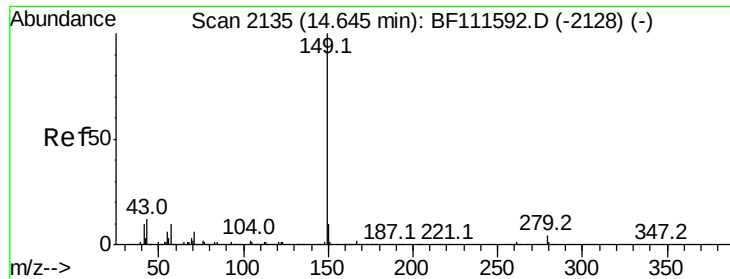
Sohil
 12/26/2018 3:10:35 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.770 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF111681.D
 Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.5	33.7
279	3.8	2.6	4.0





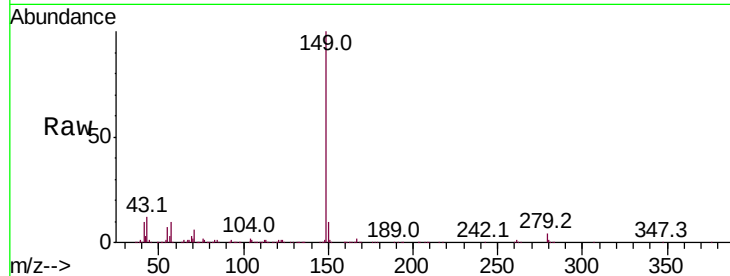
#85
Di-n-octyl phthalate
Concen: 40.124 ng
RT: 14.64 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

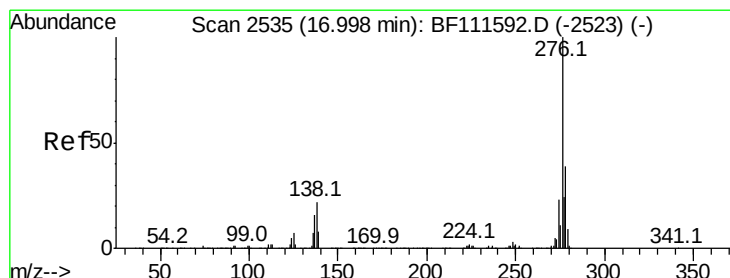
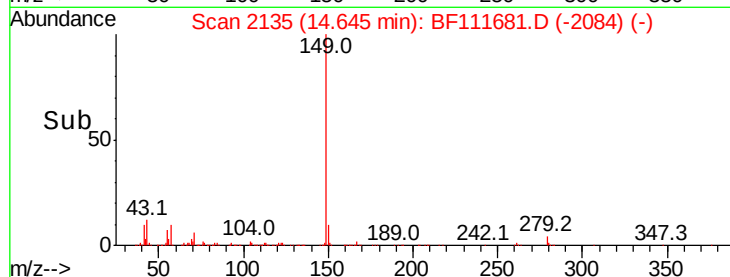
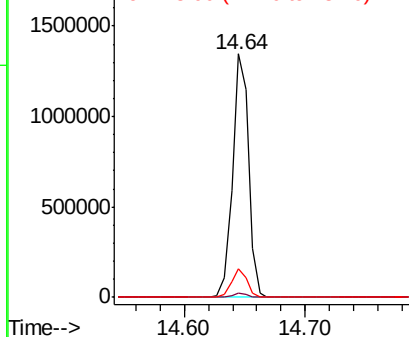
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.4	10.9	16.3

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12/26/2018 3:10:35 PM

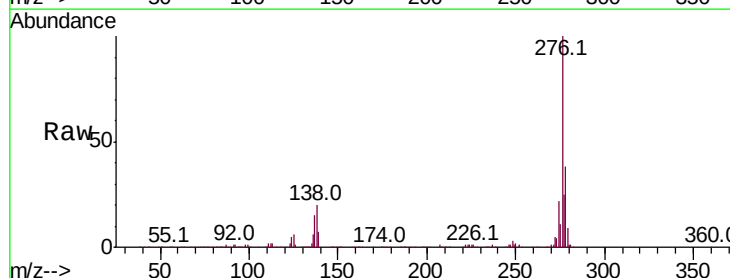


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

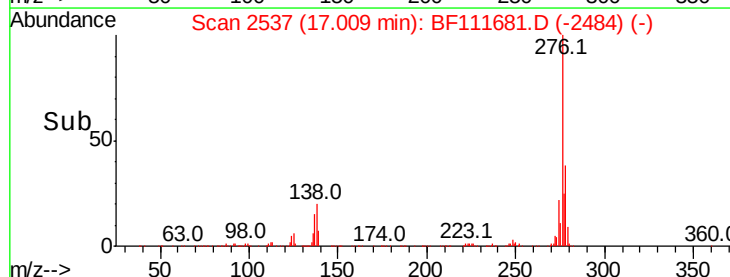
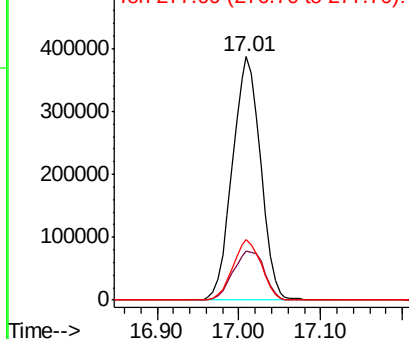


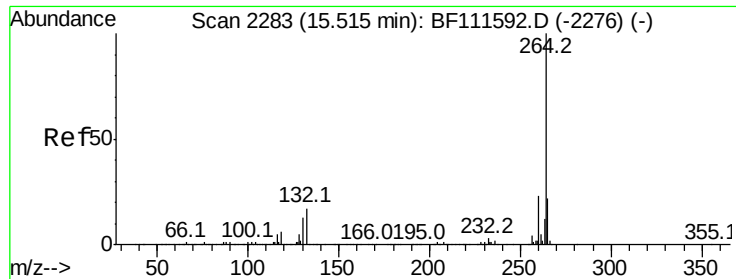
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.355 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	27.8	41.6#
277	25.3	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





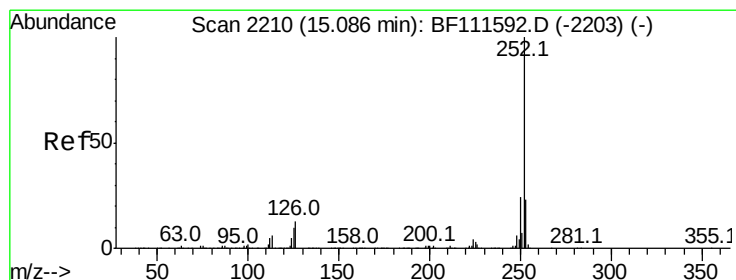
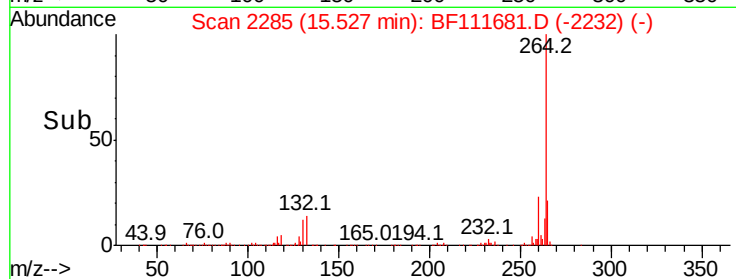
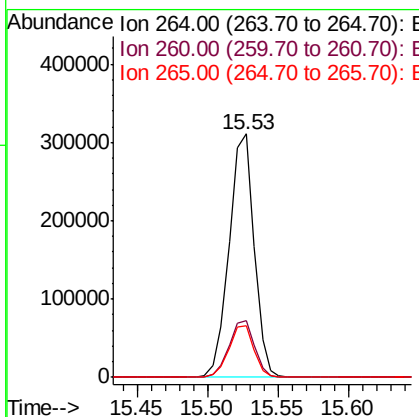
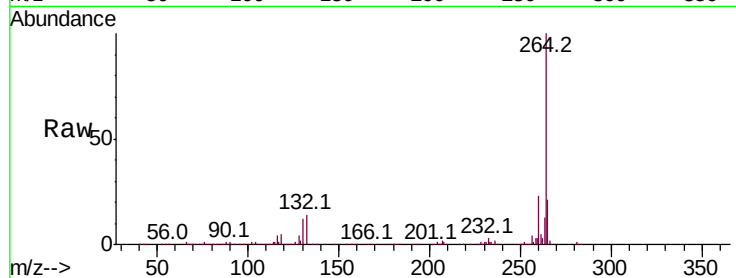
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.1	17.7	26.5

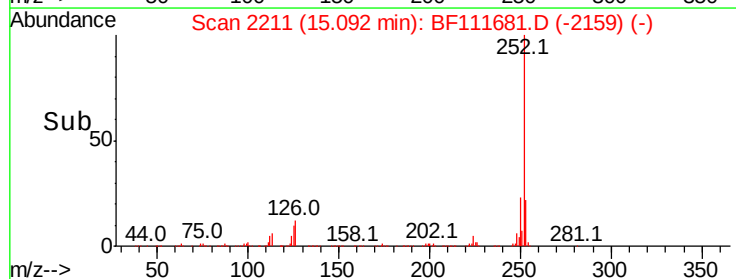
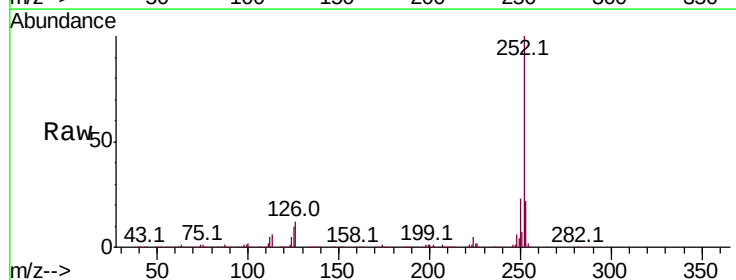
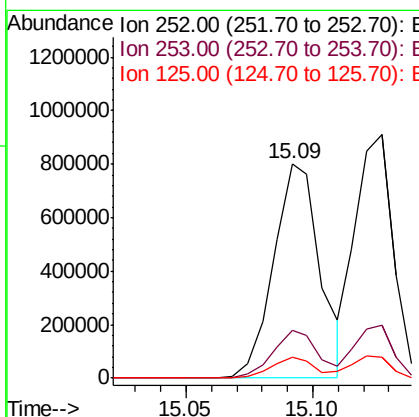
Manual Integrations
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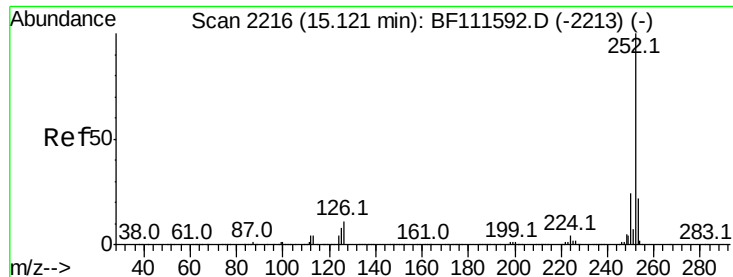
Sohil
12/26/2018 3:10:35 PM



#88
Benzo(b)fluoranthene
Concen: 45.657 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	9.6	10.4	15.6





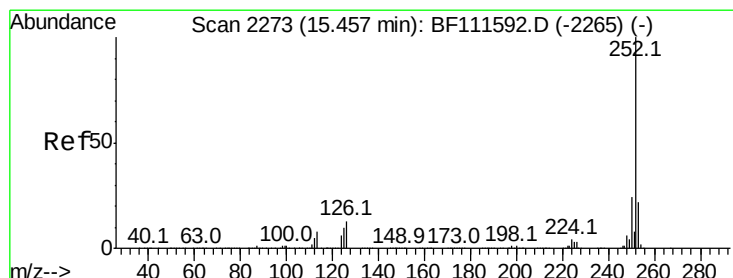
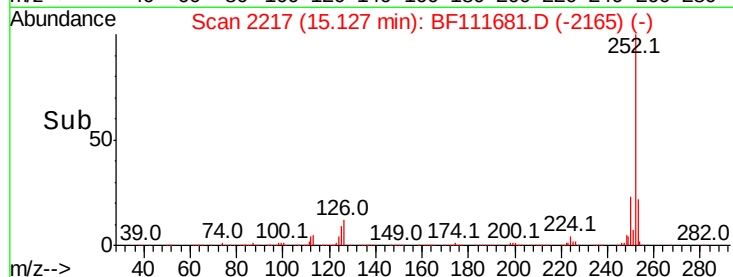
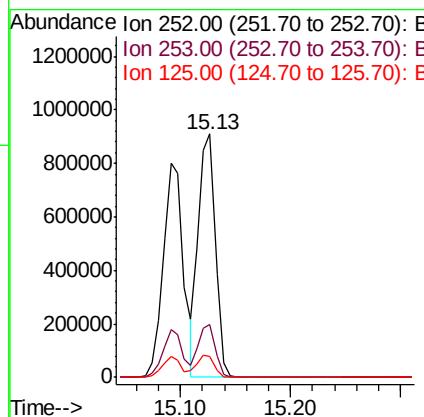
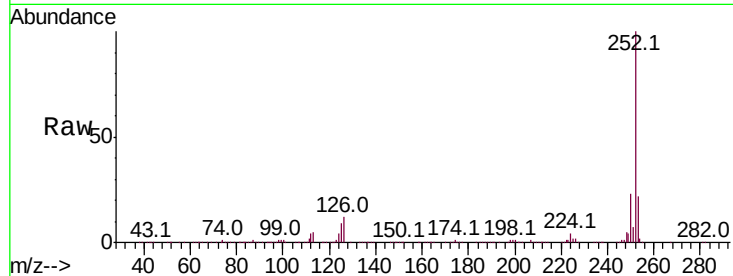
#89
Benzo(k)fluoranthene
Concen: 44.564 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	18.1	27.1
125	8.5	9.8	14.8#

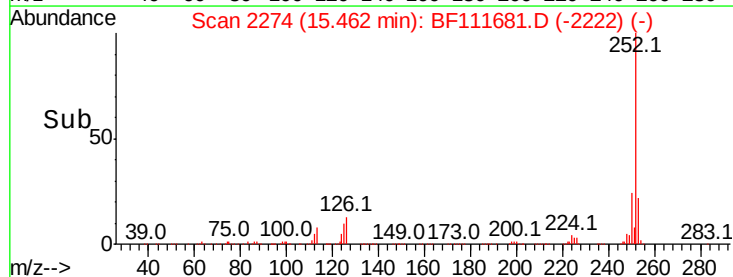
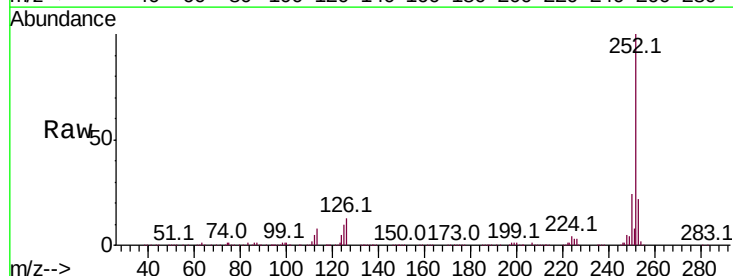
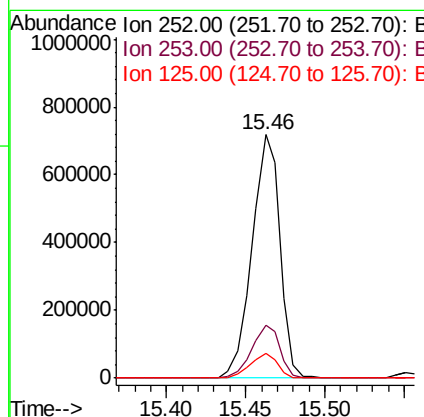
Manual Integrations
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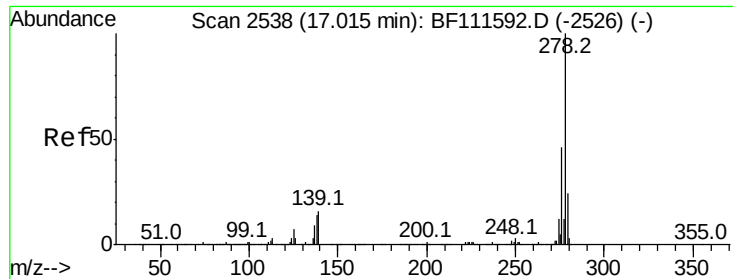
Sohil
12/26/2018 3:10:35 PM



#90
Benzo(a)pyrene
Concen: 43.017 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	17.8	26.8
125	10.2	12.3	18.5#





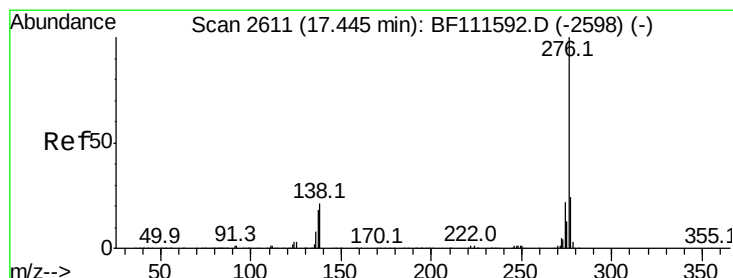
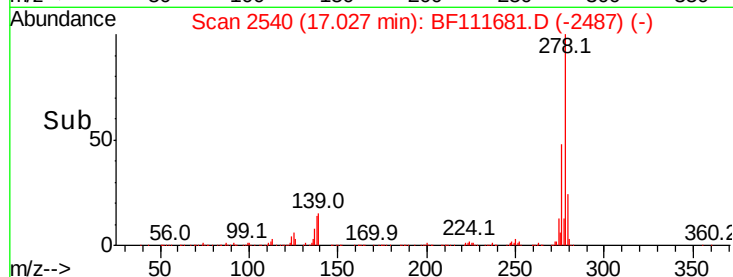
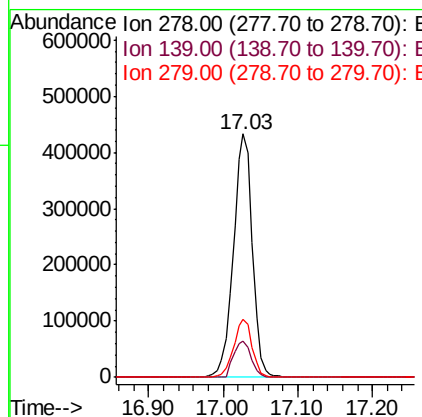
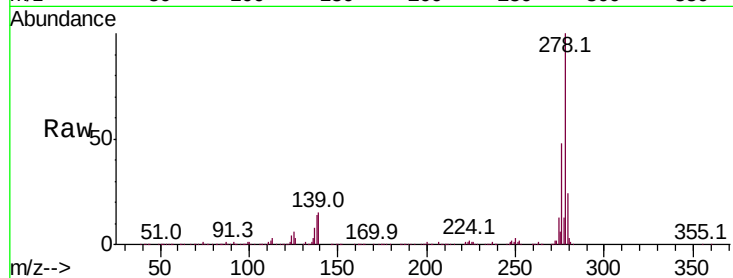
#91
Dibenzo(a,h)anthracene
Concen: 42.882 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	18.2	27.4#
279	23.6	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/26/2018 3:10:35 PM



#92
Benzo(g,h,i)perylene
Concen: 44.900 ng
RT: 17.46 min Scan# 2614
Delta R.T. 0.02 min
Lab File: BF111681.D
Acq: 21 Dec 2018 12:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.0	19.2	28.8
138	19.2	24.9	37.3#

