

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109881.D
 Acq On : 15 Oct 2018 16:12
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Sohil
 10/16/2018 9:57:17 AM

Quant Time: Oct 15 17:11:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 16:50:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	233636	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	964251	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	448965	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	818722	20.00	ng	0.00
76) Chrysene-d12	14.15	240	567320	20.00	ng	0.00
87) Perylene-d12	15.67	264	419990	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1161871	88.27	ng	0.00
7) Phenol-d6	6.59	99	1441631	81.99	ng	0.00
23) Nitrobenzene-d5	7.55	82	1197224	68.44	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	325309	66.50	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	2143116	65.74	ng	0.00
79) Terphenyl-d14	13.09	244	2140374	73.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	334030	48.355	ng	92
3) Pyridine	3.60	79	750967	52.693	ng	88
4) n-Nitrosodimethylamine	3.57	42	309937	60.251	ng	# 99
6) Aniline	6.64	93	992184	48.440	ng	# 54
8) 2-Chlorophenol	6.76	128	664485	41.048	ng	100
9) Benzaldehyde	6.53	77	472930	41.797	ng	94
10) Phenol	6.60	94	785898	38.978	ng	# 64
11) bis(2-Chloroethyl)ether	6.71	93	656521	39.276	ng	92
12) 1,3-Dichlorobenzene	6.92	146	719696	38.871	ng	96
13) 1,4-Dichlorobenzene	7.00	146	728684	36.105	ng	98
14) 1,2-Dichlorobenzene	7.15	146	671871	37.906	ng	98
15) Benzyl Alcohol	7.11	79	569590	43.695	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1086350	49.012	ng	69
17) 2-Methylphenol	7.22	107	529714	41.380	ng	# 80
18) Hexachloroethane	7.49	117	260470	36.512	ng	93
19) n-Nitroso-di-n-propylamine	7.39	70	461501	37.427	ng	95
20) 3+4-Methylphenols	7.37	107	682508	43.268	ng	# 85
22) Acetophenone	7.39	105	878670	37.683	ng	97
24) Nitrobenzene	7.56	77	646327	35.508	ng	94
25) Isophorone	7.80	82	1114504	38.368	ng	96
26) 2-Nitrophenol	7.87	139	268222	31.504	ng	93
27) 2,4-Dimethylphenol	7.90	122	542161	44.097	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	773000	39.343	ng	99
29) 2,4-Dichlorophenol	8.11	162	530070	38.437	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	591721	38.760	ng	94
31) Naphthalene	8.29	128	1744729	39.125	ng	99
32) Benzoic acid	8.01	122	357465m	40.666	ng	
33) 4-Chloroaniline	8.33	127	787979	40.126	ng	100
34) Hexachlorobutadiene	8.40	225	321961	33.919	ng	100
35) Caprolactam	8.70	113	186601	45.309	ng	# 81
36) 4-Chloro-3-methylphenol	8.80	107	555023	38.128	ng	94
37) 2-Methylnaphthalene	8.97	142	1133778	38.814	ng	98
38) 1-Methylnaphthalene	9.07	142	1087539	37.450	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	545744	35.710	ng	98

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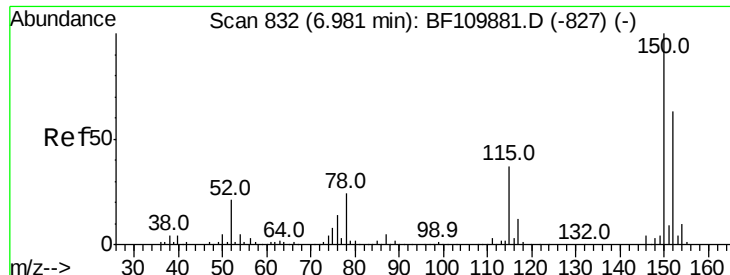
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	277015	49.671	nq	99
43) 2,4,6-Trichlorophenol	9.25	196	353310	38.672	nq	96
44) 2,4,5-Trichlorophenol	9.28	196	372026	35.416	nq	95
46) 1,1'-Biphenyl	9.44	154	1567258	39.076	nq	98
47) 2-Chloronaphthalene	9.47	162	1152997	38.371	nq	97
48) 2-Nitroaniline	9.56	65	314622	34.579	nq	98
49) Acenaphthylene	9.89	152	1707411	38.976	nq	99
50) Dimethylphthalate	9.73	163	1251429	38.006	nq	99
51) 2,6-Dinitrotoluene	9.80	165	255207	35.756	nq	99
52) Acenaphthene	10.06	154	1073744	41.347	nq	98
53) 3-Nitroaniline	9.97	138	307815	38.473	nq	# 96
54) 2,4-Dinitrophenol	10.07	184	62394	27.095	nq	99
55) Dibenzofuran	10.23	168	1510639	38.807	nq	99
56) 4-Nitrophenol	10.11	139	231904	52.953	nq	95
57) 2,4-Dinitrotoluene	10.20	165	295079	33.128	nq	94
58) Fluorene	10.57	166	1104968	38.011	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	296499	34.723	nq	96
60) Diethylphthalate	10.43	149	1239868	38.004	nq	98
61) 4-Chlorophenyl-phenylether	10.56	204	584629	38.121	nq	99
62) 4-Nitroaniline	10.59	138	292547	39.482	nq	93
63) Azobenzene	10.72	77	1284159	38.761	nq	94
65) 4,6-Dinitro-2-methylphenol	10.61	198	109739	27.539	nq	99
66) n-Nitrosodiphenylamine	10.68	169	1080821	38.942	nq	95
67) 4-Bromophenyl-phenylether	11.05	248	357469	37.999	nq	95
68) Hexachlorobenzene	11.12	284	370406	36.362	nq	# 91
69) Atrazine	11.20	200	346556	40.010	nq	99
70) Pentachlorophenol	11.30	266	232268	40.521	nq	96
71) Phenanthrene	11.53	178	1670488	40.771	nq	99
72) Anthracene	11.59	178	1678388	39.628	nq	99
73) Carbazole	11.74	167	1642458	39.984	nq	99
74) Di-n-butylphthalate	12.06	149	1865825	39.162	nq	100
75) Fluoranthene	12.72	202	1647992	38.502	nq	96
77) Benzidine	12.84	184	906190	42.999	nq	97
78) Pyrene	12.96	202	1692147	40.710	nq	99
80) Butylbenzylphthalate	13.56	149	705789	39.165	nq	97
81) Benzo(a)anthracene	14.14	228	1315748	42.027	nq	98
82) 3,3'-Dichlorobenzidine	14.10	252	479396	38.029	nq	99
83) Chrysene	14.18	228	1254299	38.143	nq	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	905786	41.198	nq	97
85) Di-n-octyl phthalate	14.74	149	1278417	36.787	nq	97
86) Indeno(1,2,3-cd)pyrene	17.22	276	964286	40.968	nq	# 92
88) Benzo(b)fluoranthene	15.22	252	1016704	43.806	nq	97
89) Benzo(k)fluoranthene	15.25	252	943069	40.441	nq	# 97
90) Benzo(a)pyrene	15.60	252	906160	43.024	nq	97
91) Dibenzo(a,h)anthracene	17.24	278	811702	46.925	nq	# 97
92) Benzo(g,h,i)perylene	17.70	276	822005	47.588	nq	# 94

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



#1

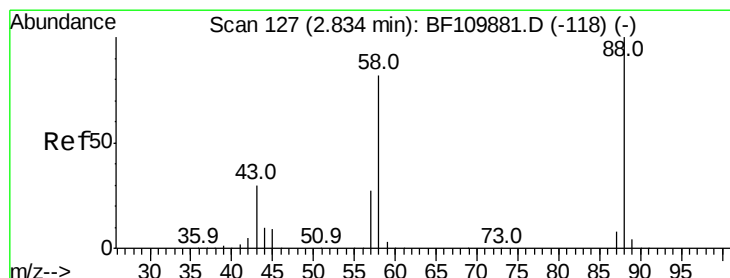
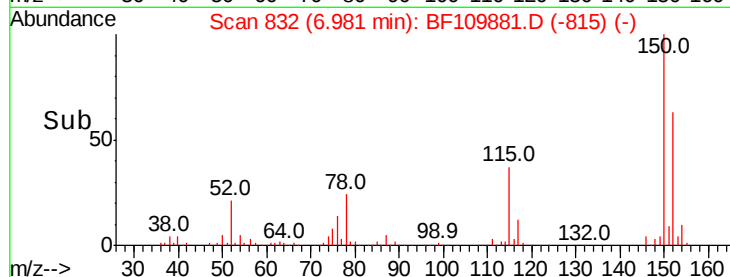
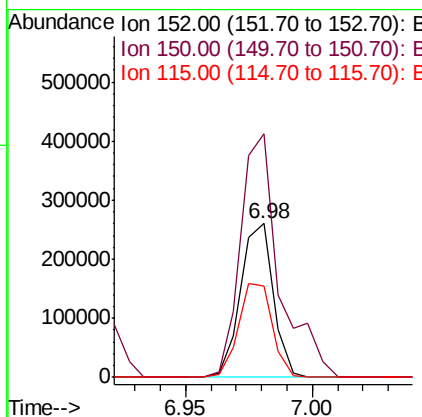
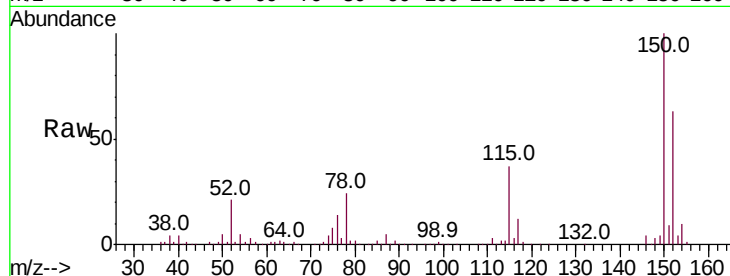
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.7	184.1
115	59.0	49.1	73.7

Manual Integrations
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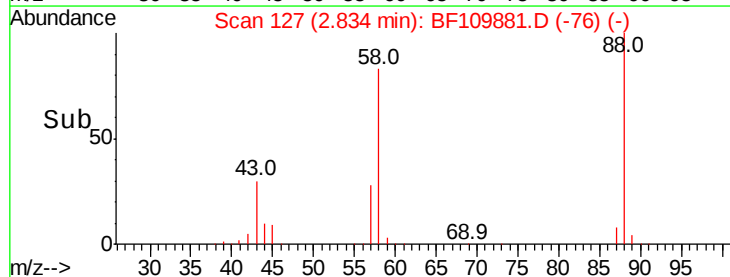
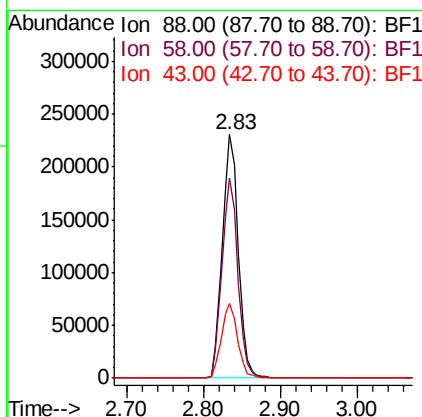
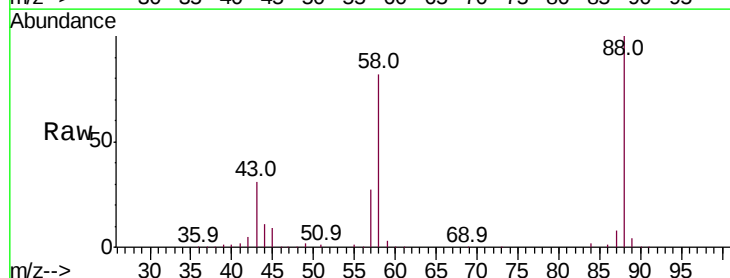
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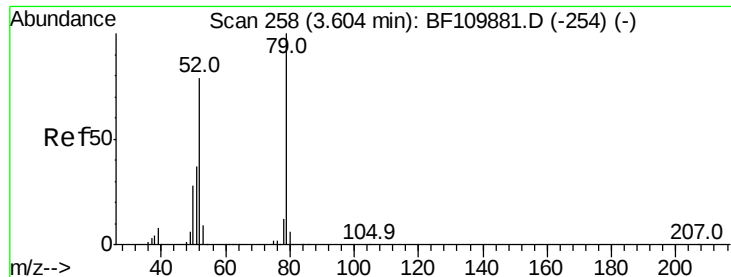


#2

1,4-Dioxane
 Concen: 48.355 ng
 RT: 2.83 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	57.1	85.7
43	30.2	24.1	36.1





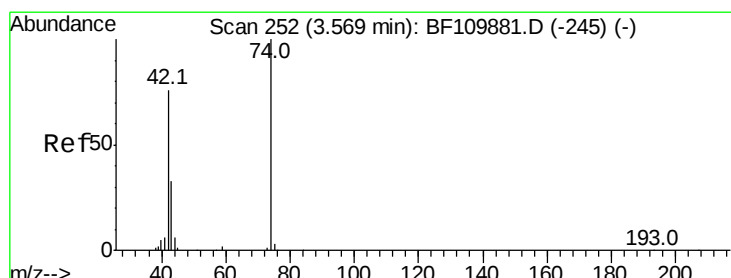
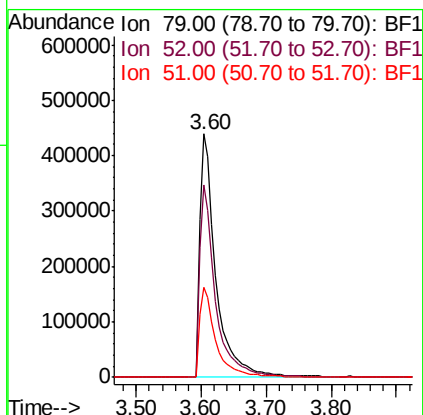
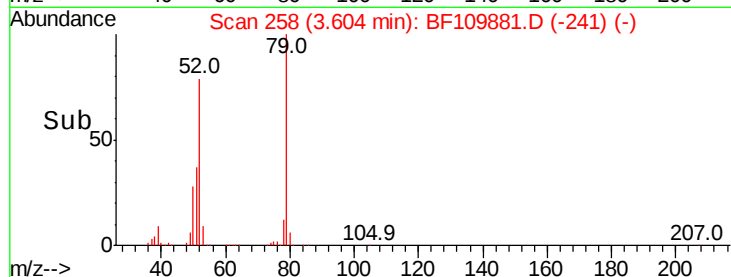
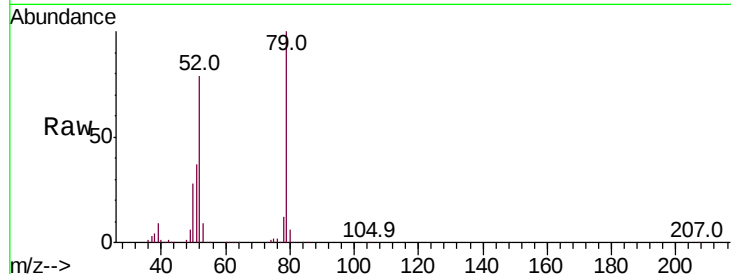
#3
 Pvridine
 Concen: 52.693 ng
 RT: 3.60 min Scan# 258
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.9	53.1	79.7
51	37.2	27.4	41.2

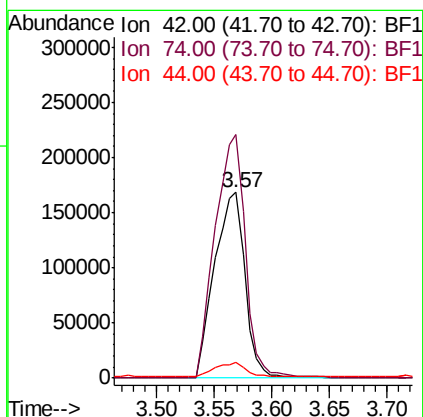
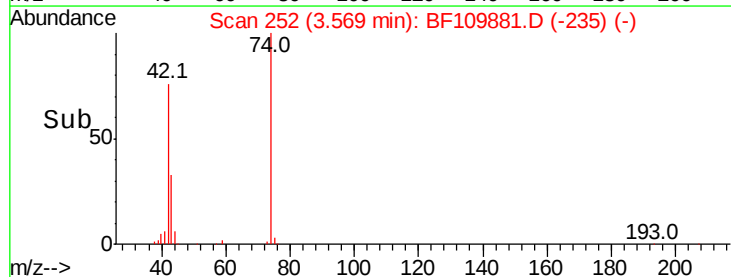
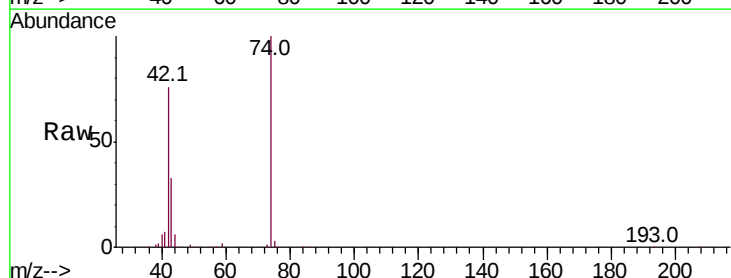
Manual Integrations
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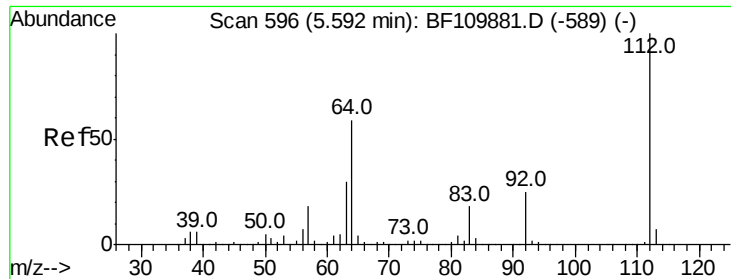
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#4
 n-Nitrosodimethylamine
 Concen: 60.251 ng
 RT: 3.57 min Scan# 252
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.0	105.5	158.3
44	8.2	4.9	7.3#





#5

2-Fluorophenol

Concen: 88.272 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

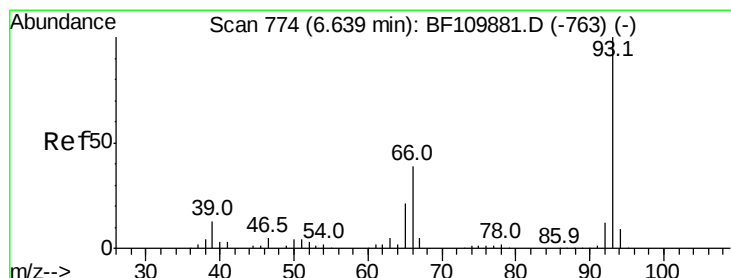
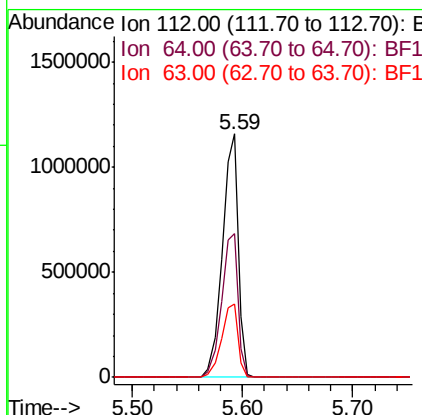
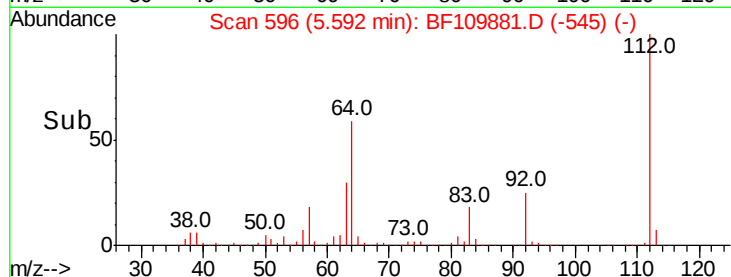
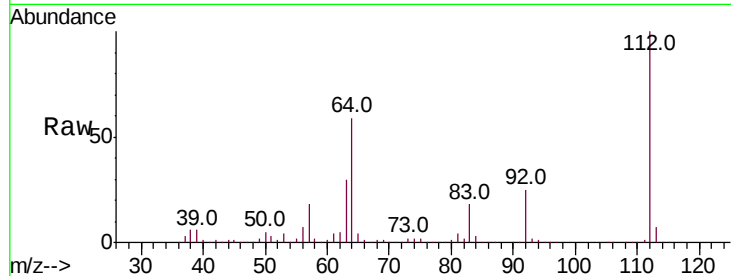
ClientSampleId :

SSTDICCC040

Tot Ion:	112	Resp:	1161871
Ion Ratio	Lower	Upper	
112	100		
64	58.9	44.1	66.1
63	30.4	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 48.440 ng

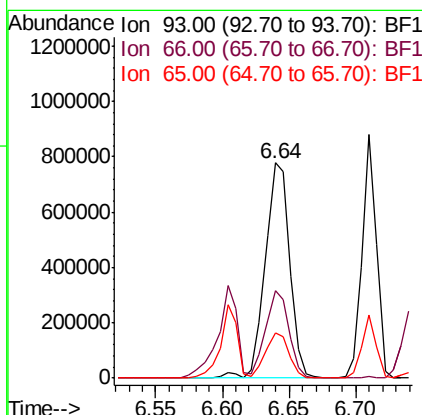
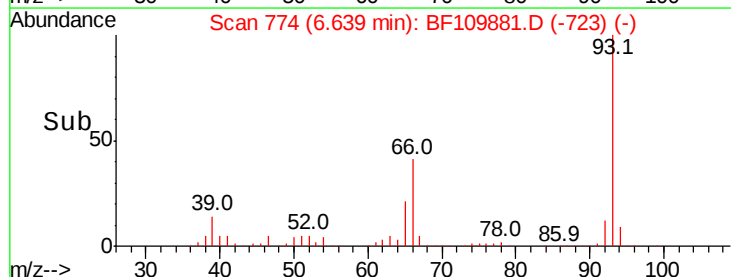
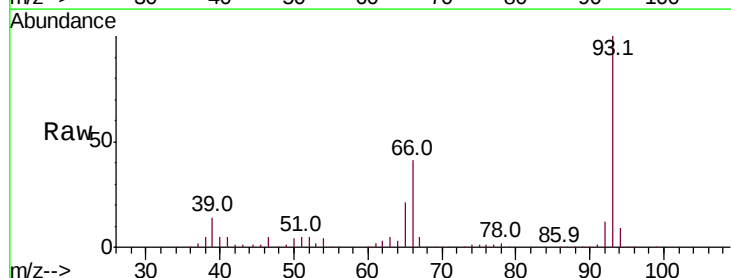
RT: 6.64 min Scan# 774

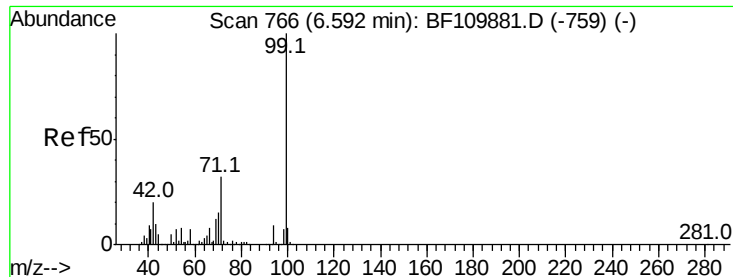
Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Tgt Ion:	93	Resp:	992184
Ion Ratio	Lower	Upper	
93	100		
66	40.9	67.4	101.0#
65	21.3	41.0	61.4#





#7

Phenol-d6

Concen: 81.988 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 99 Resp: 1441631

Ion Ratio Lower Upper

99 100

42 19.8 15.8 23.6

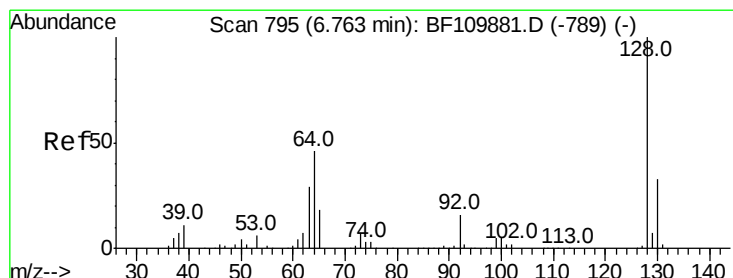
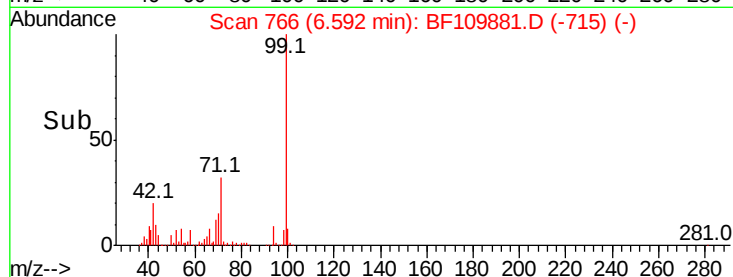
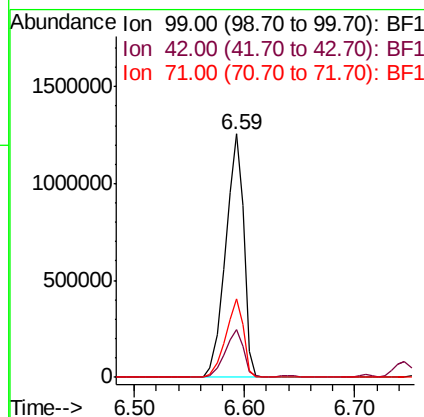
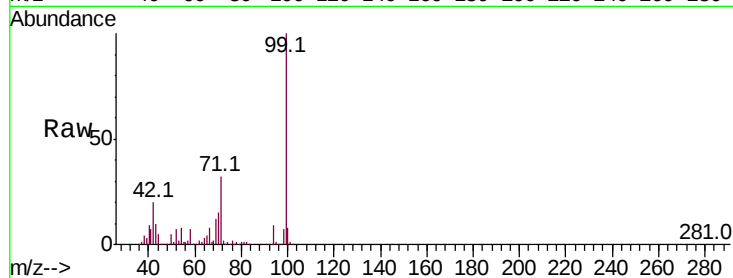
71 32.2 28.0 42.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.048 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

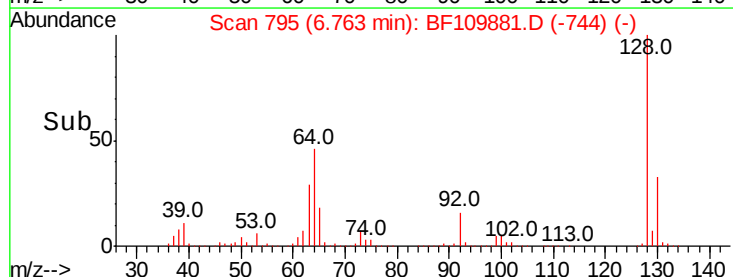
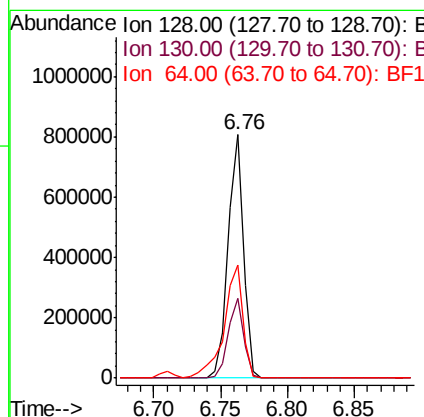
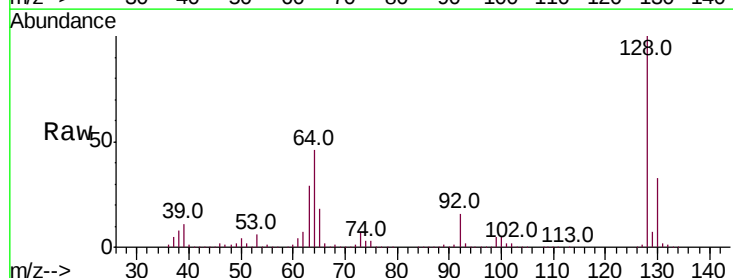
Tgt Ion: 128 Resp: 664485

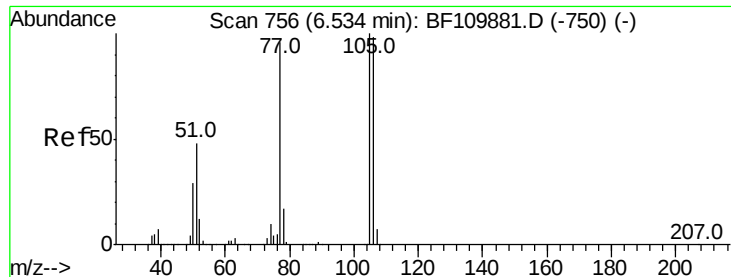
Ion Ratio Lower Upper

128 100

130 32.9 13.1 53.1

64 46.2 26.0 66.0





#9

Benzaldehyde

Concen: 41.797 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 472930

Ion Ratio Lower Upper

77 100

105 103.8 78.6 118.6

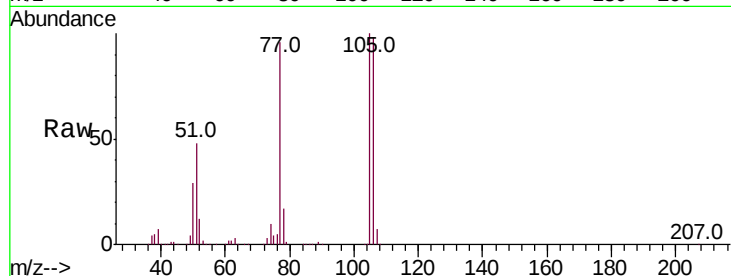
106 101.3 74.8 114.8

Manual Integrations

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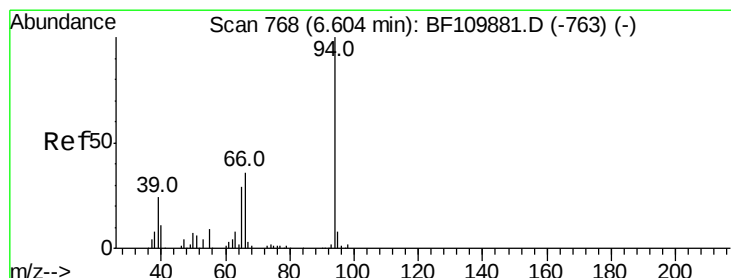
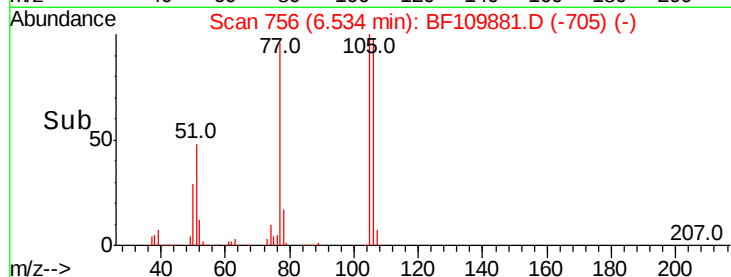
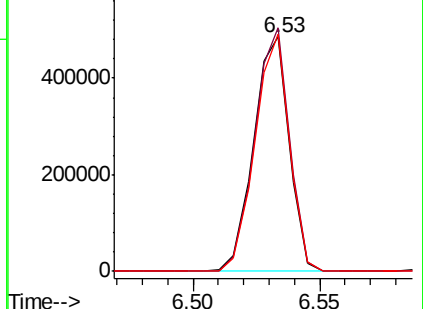
10/16/2018 9:57:17 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.978 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Tgt Ion: 94 Resp: 785898

Ion Ratio Lower Upper

94 100

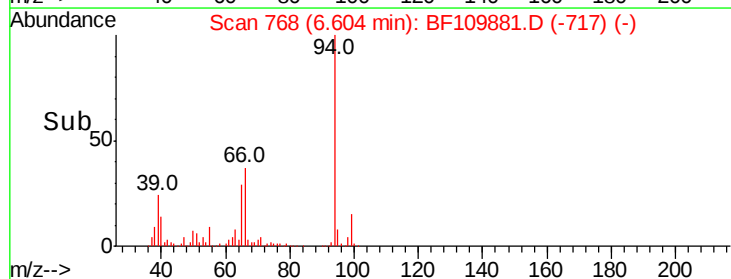
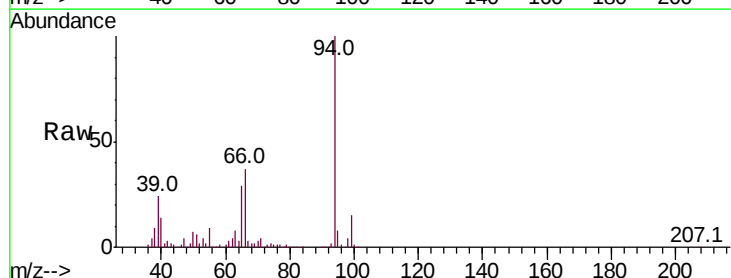
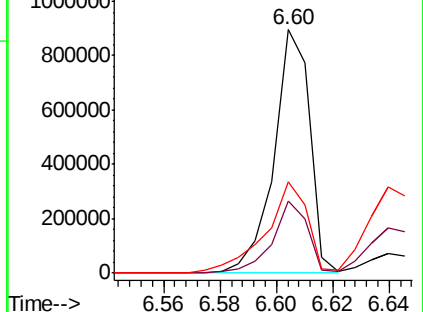
65 29.4 25.3 65.3

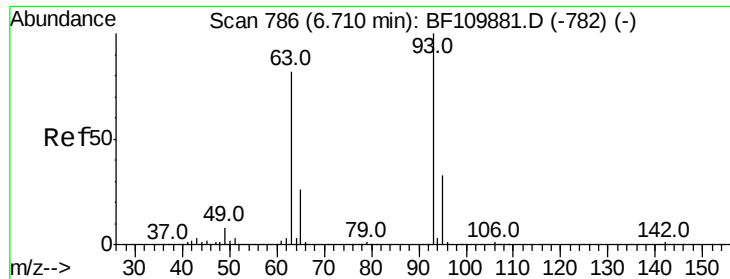
66 37.4 54.5 94.5#

Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





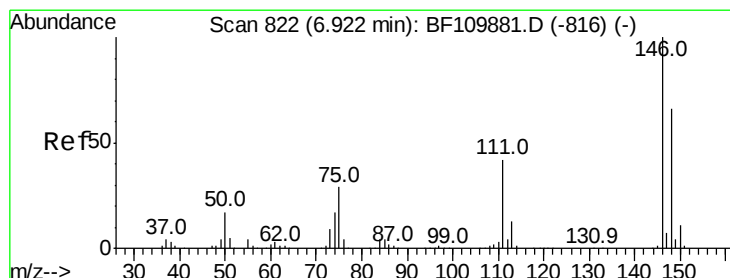
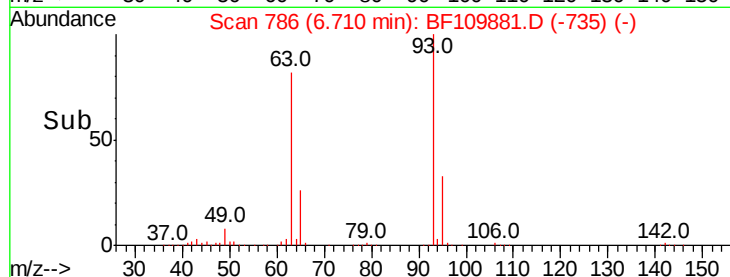
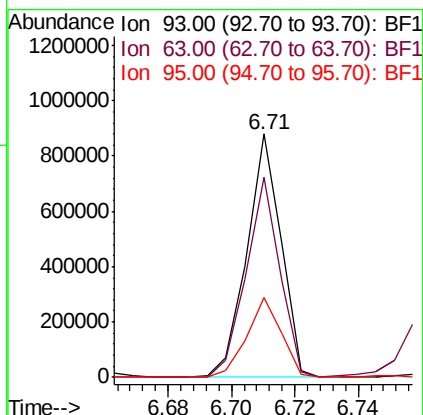
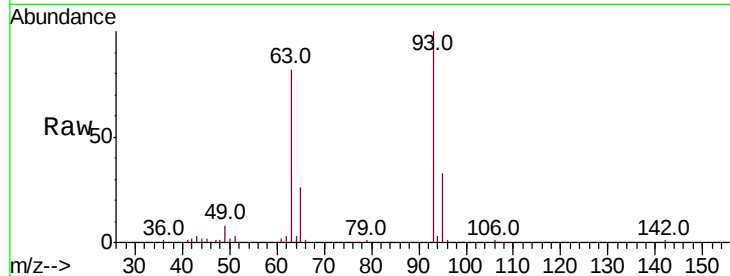
#11
bis(2-Chloroethyl)ether
Concen: 39.276 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.2	53.4	93.4
95	32.8	12.1	52.1

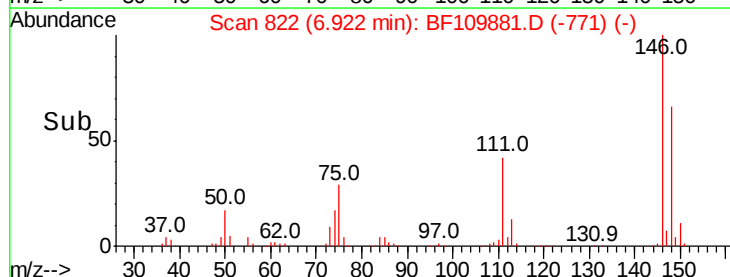
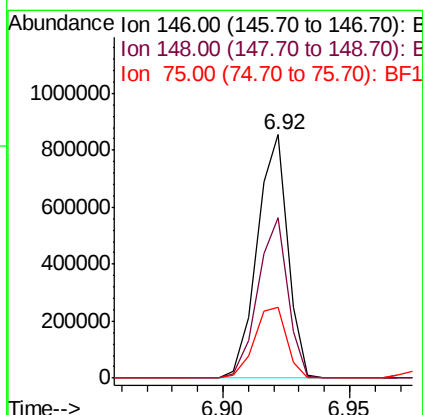
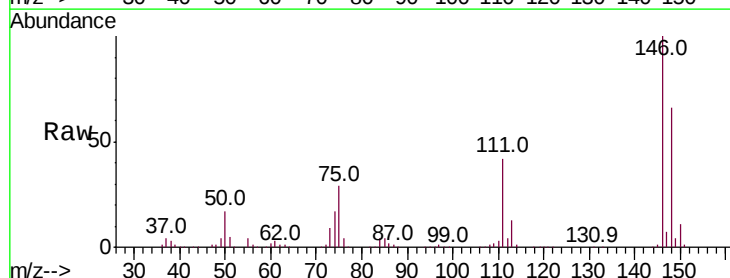
Manual Integrations
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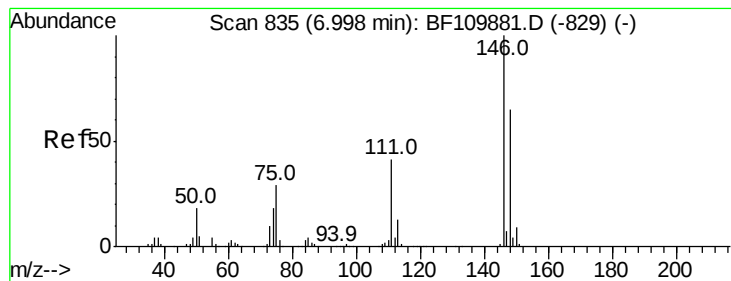
Sohil
10/16/2018 9:57:17 AM



#12
1,3-Dichlorobenzene
Concen: 38.871 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.4	75.6
75	29.2	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 36.105 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

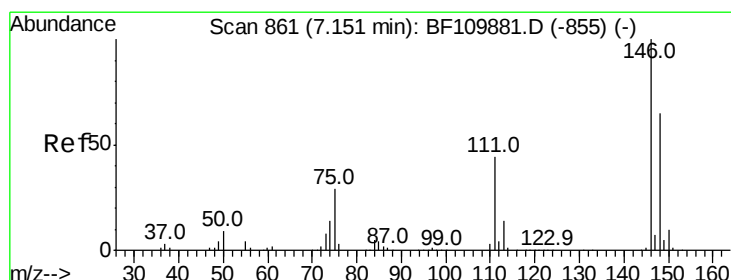
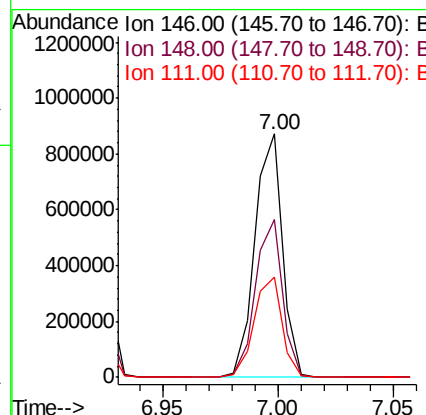
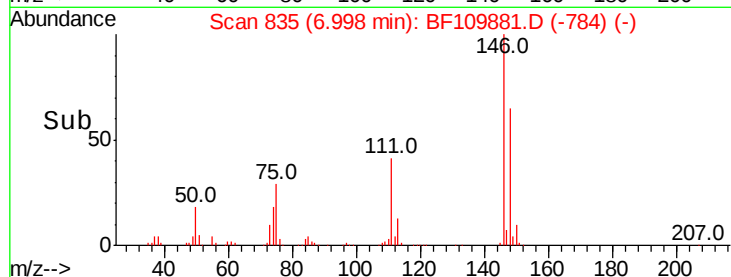
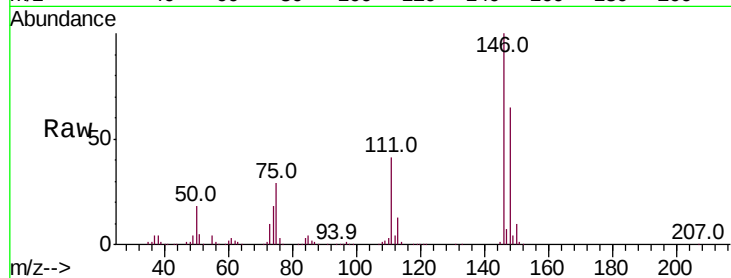
ClientSampleID :

SSTDICCC040

Tot Ion:	146	Resp:	728684
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.3	75.5
111	41.2	32.7	49.1

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#14

1,2-Dichlorobenzene

Concen: 37.906 ng

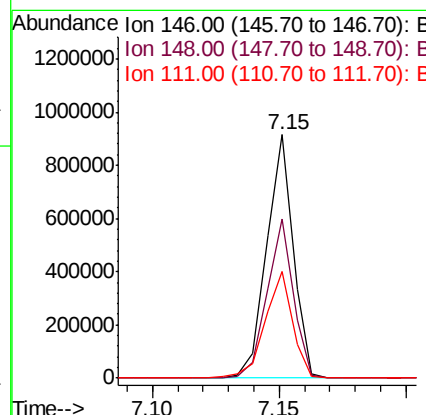
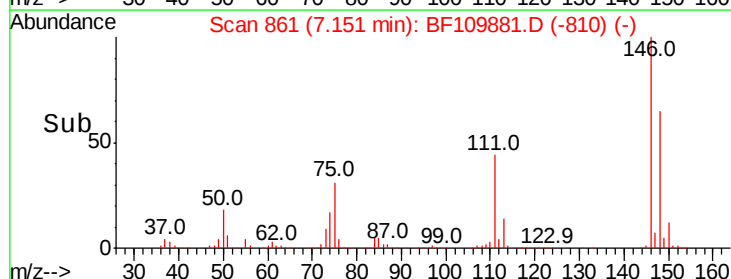
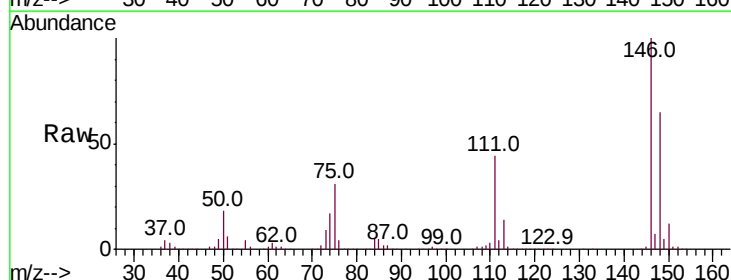
RT: 7.15 min Scan# 861

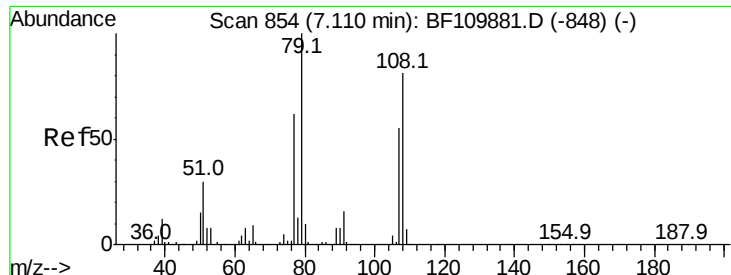
Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Tgt Ion:	146	Resp:	671871
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.1	76.7
111	43.6	35.8	53.6





#15

Benzyl Alcohol

Concen: 43.695 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 79 Resp: 569590

Ion Ratio Lower Upper

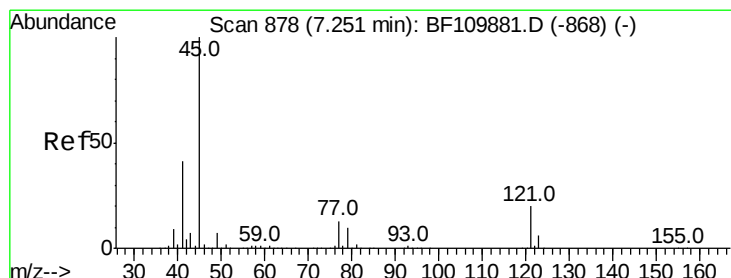
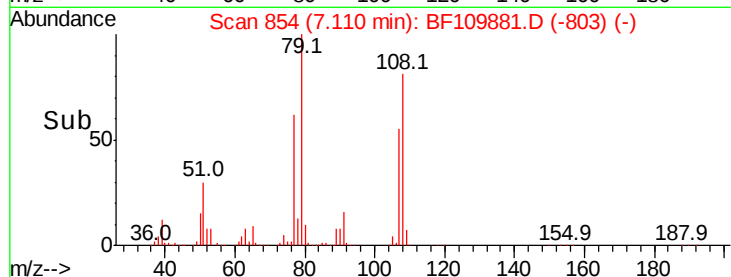
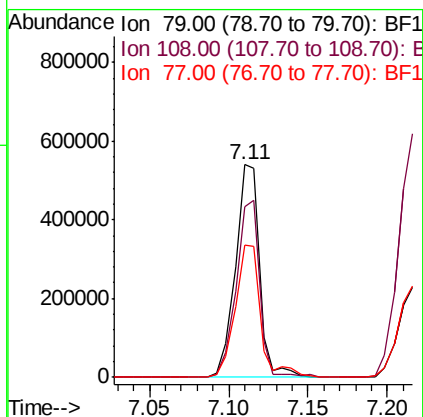
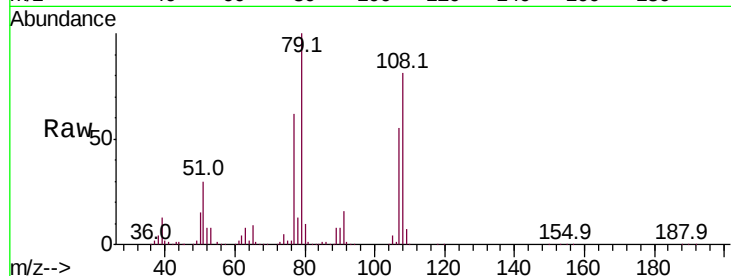
79 100

108 80.5 56.3 84.5

77 62.5 52.9 79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 49.012 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

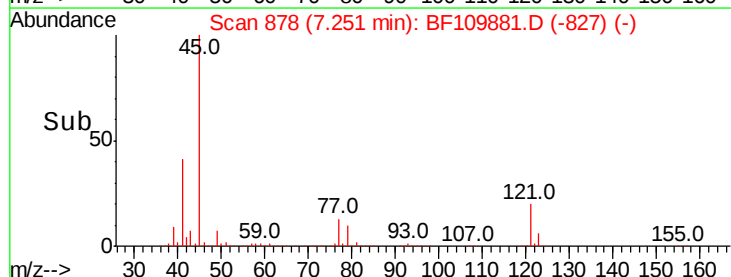
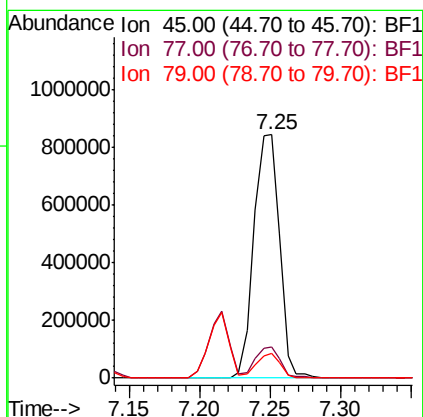
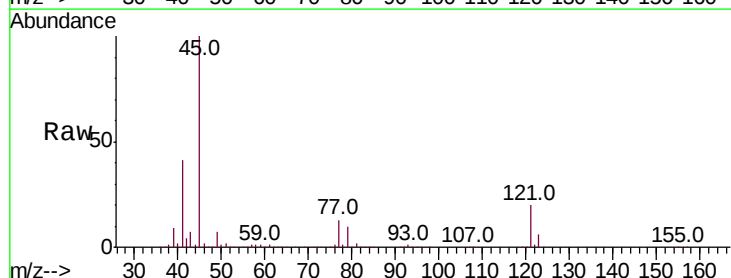
Tgt Ion: 45 Resp: 1086350

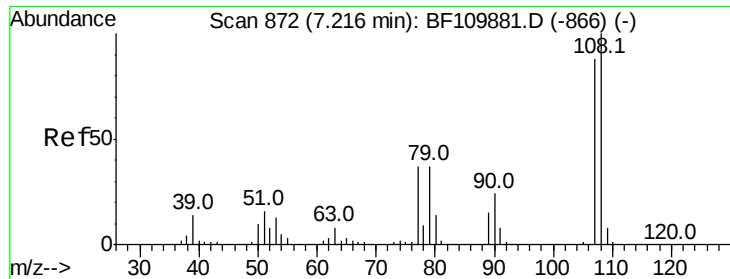
Ion Ratio Lower Upper

45 100

77 13.0 10.0 50.0

79 10.0 6.1 46.1





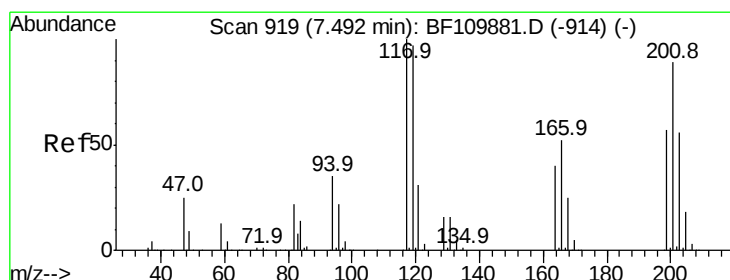
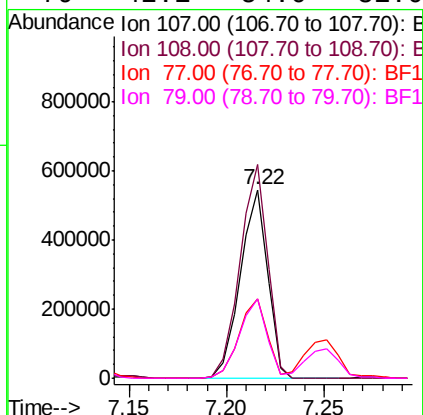
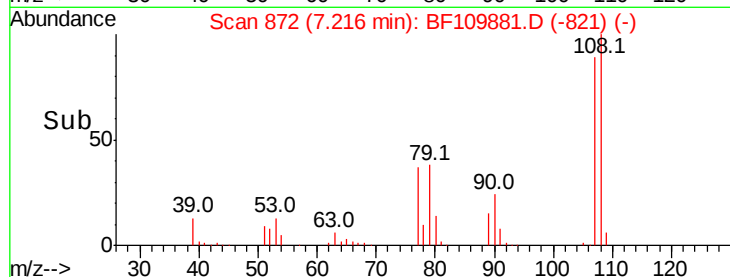
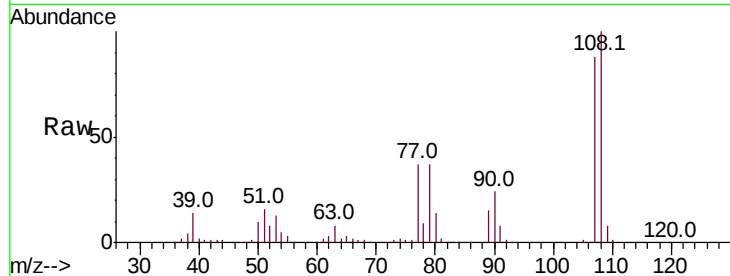
#17
2-Methylphenol
Concen: 41.380 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	92.6	138.8
77	42.2	59.4	89.2#
79	42.1	54.0	81.0#

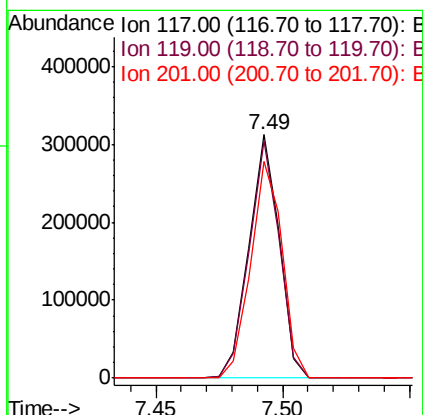
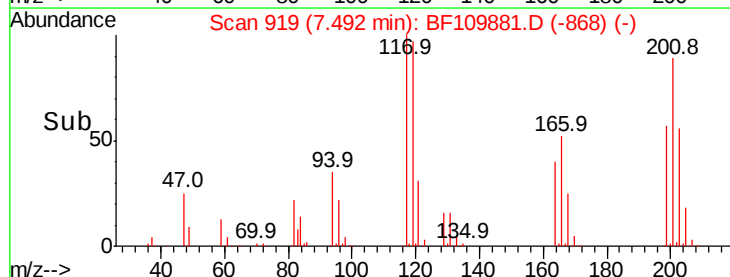
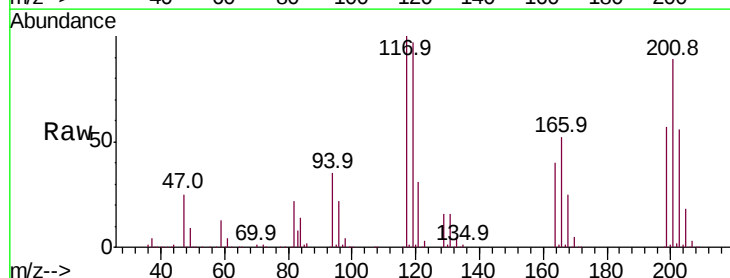
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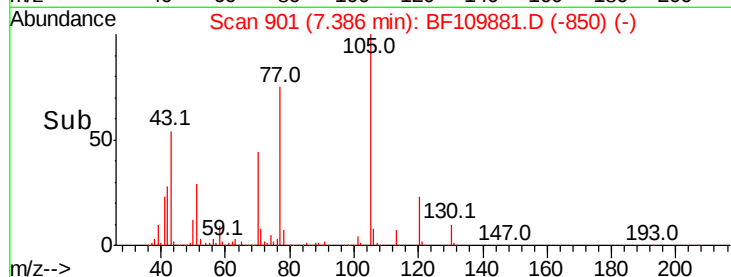
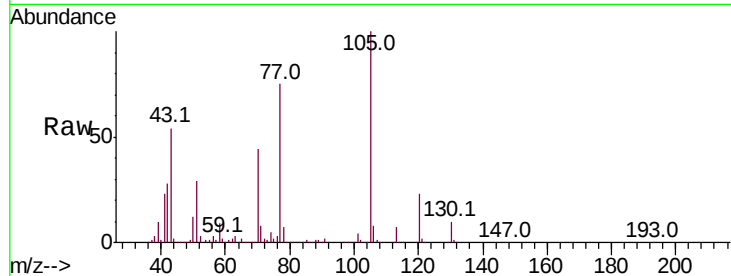
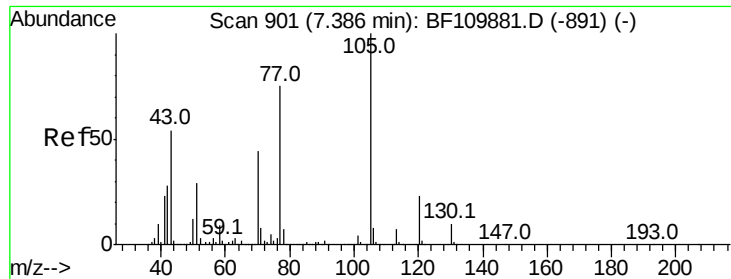
Sohil
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#18
Hexachloroethane
Concen: 36.512 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.0	112.6
201	89.0	79.2	118.8





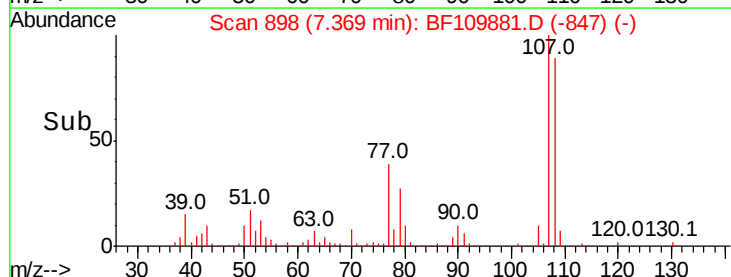
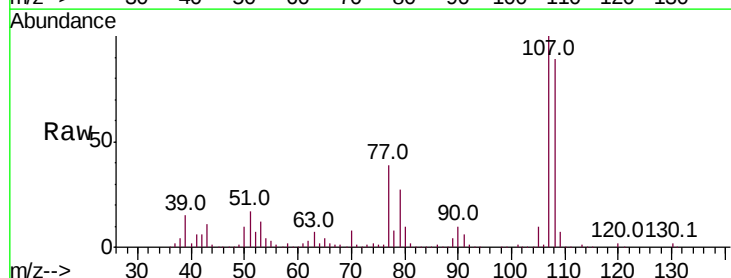
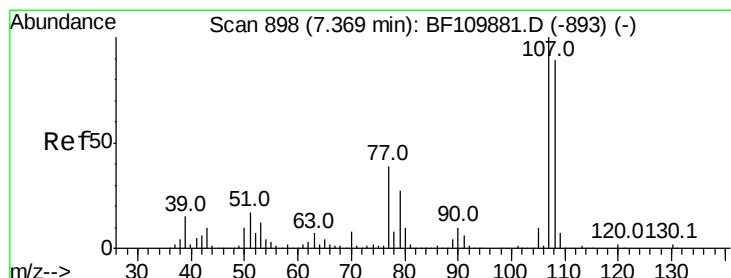
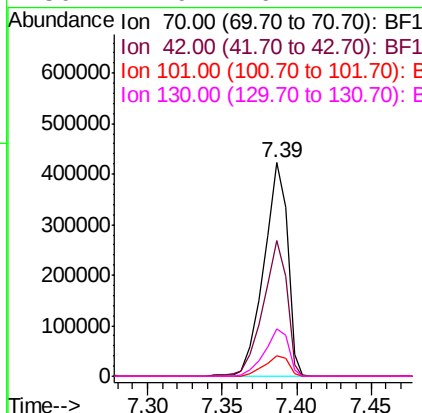
#19
n-Nitroso-di-n-propylamine
Concen: 37.427 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.4	47.4	71.2	
101	9.4	7.3	10.9	
130	21.9	16.2	24.2	

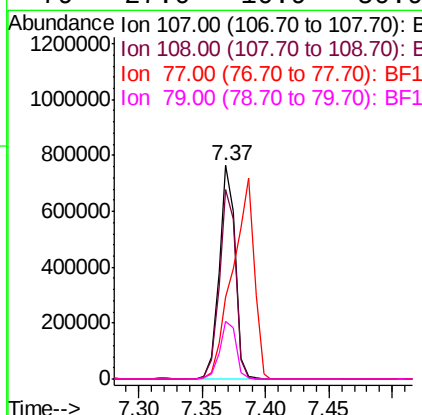
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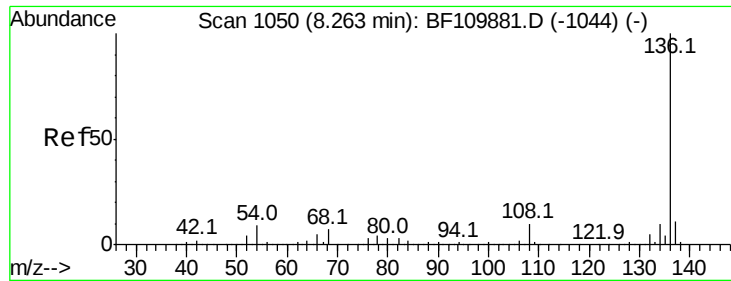
Sohil
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#20
3+4-Methylphenols
Concen: 43.268 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	71.4	111.4	
77	38.5	47.3	87.3	
79	27.0	10.9	50.9	





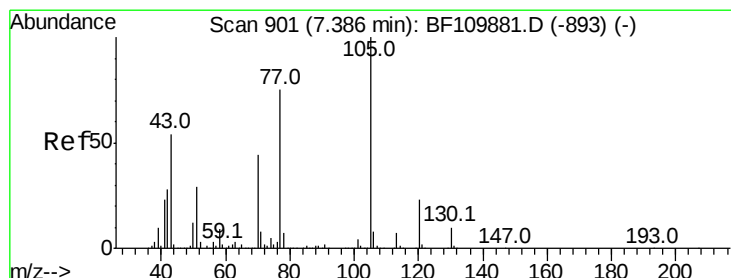
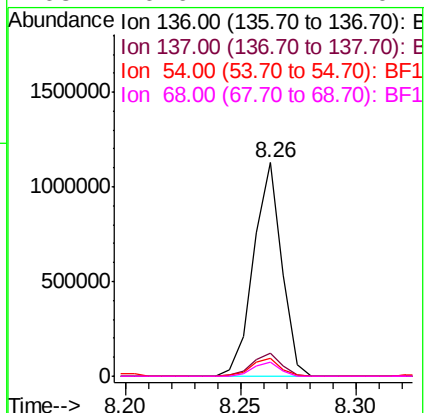
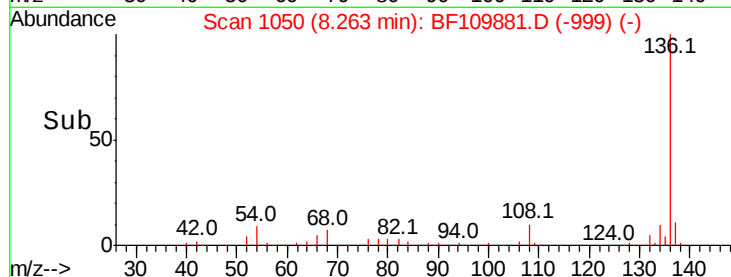
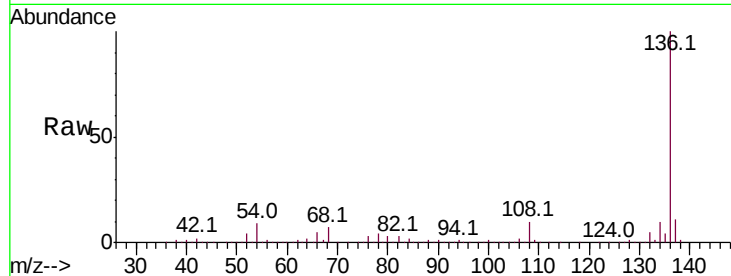
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.8	13.2	
54	8.6	5.4	8.2#	
68	6.6	4.2	6.2#	

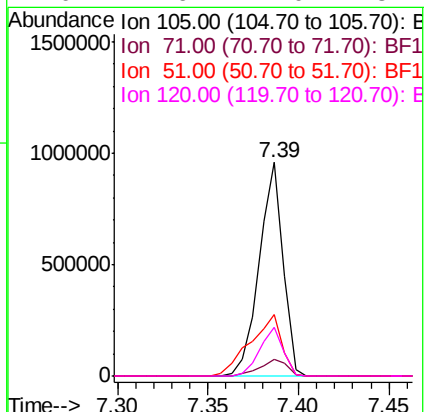
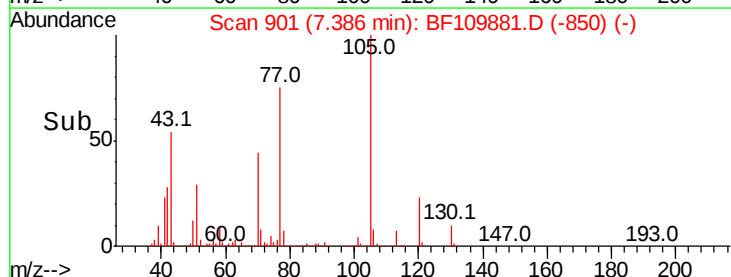
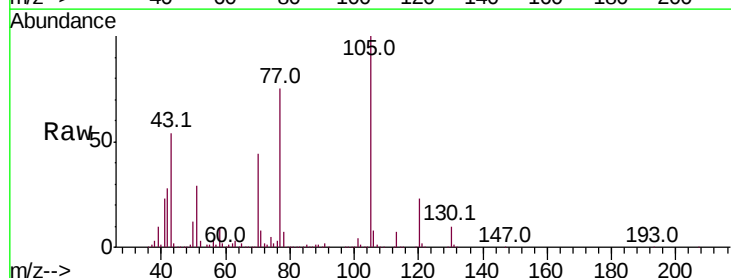
Manual Integrations
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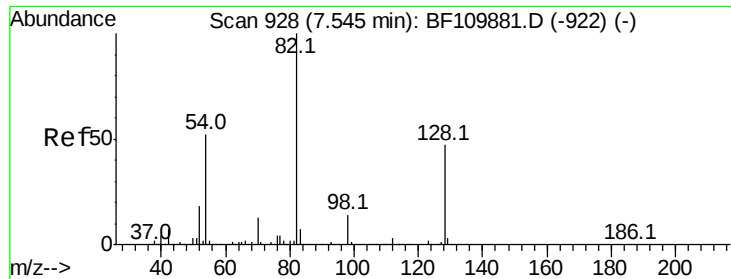
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#22
Acetophenone
Concen: 37.683 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.7	5.2	7.8	
51	28.7	21.8	32.8	
120	22.6	17.0	25.4	





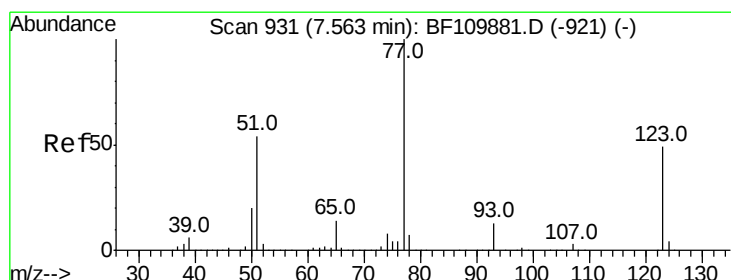
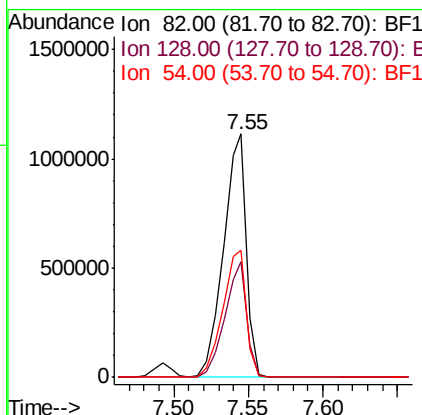
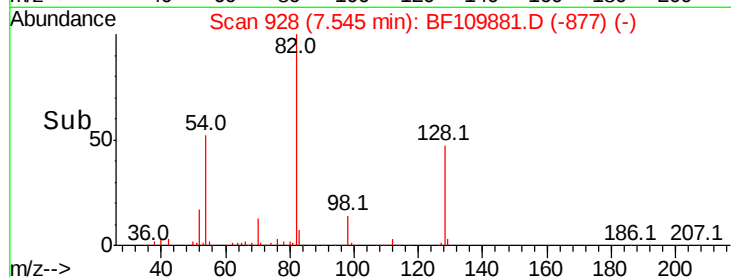
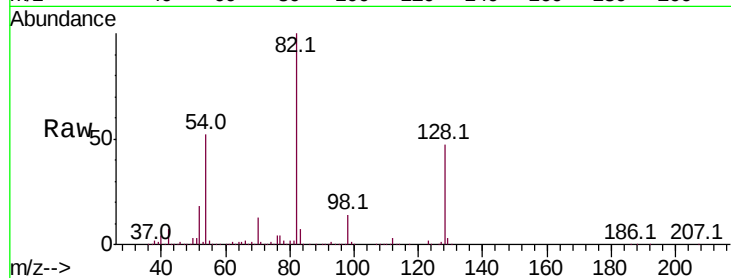
#23
Nitrobenzene-d5
Concen: 68.442 ng
RT: 7.55 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion: 82 Resp: 1197224
Ion Ratio Lower Upper
82 100
128 47.5 34.2 51.2
54 52.0 38.6 58.0

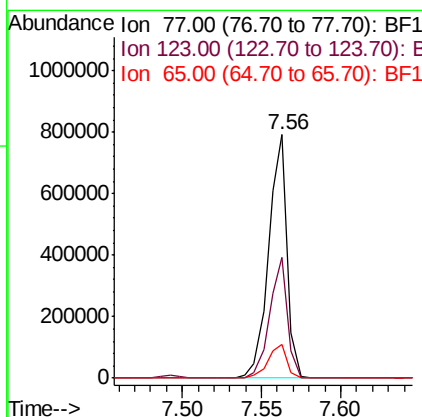
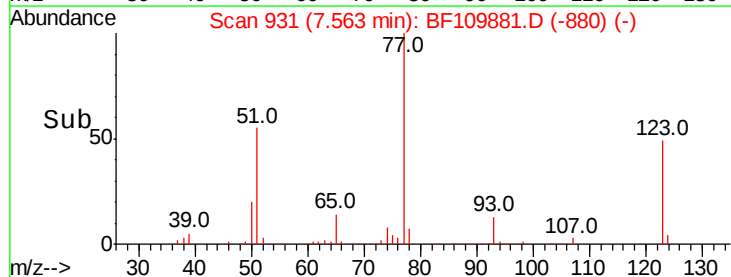
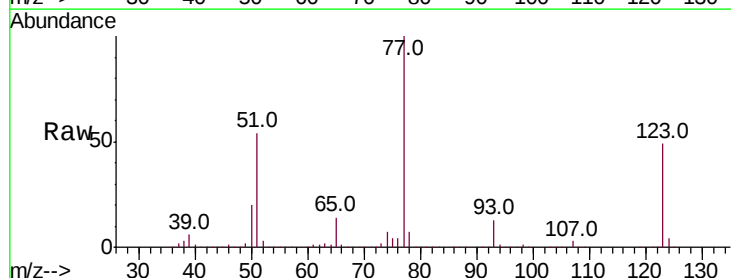
Manual Integrations
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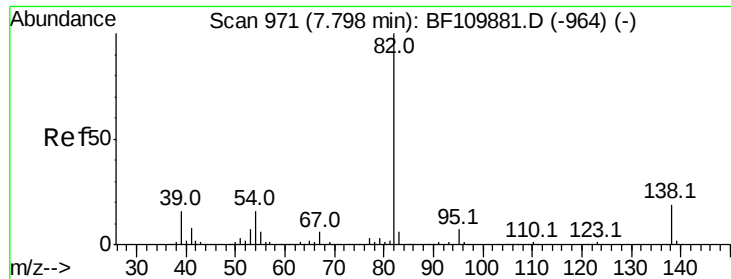
Sohil
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#24
Nitrobenzene
Concen: 35.508 ng
RT: 7.56 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion: 77 Resp: 646327
Ion Ratio Lower Upper
77 100
123 49.4 35.7 53.5
65 14.1 10.7 16.1





#25

Isophorone

Concen: 38.368 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 82 Resp: 1114504

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

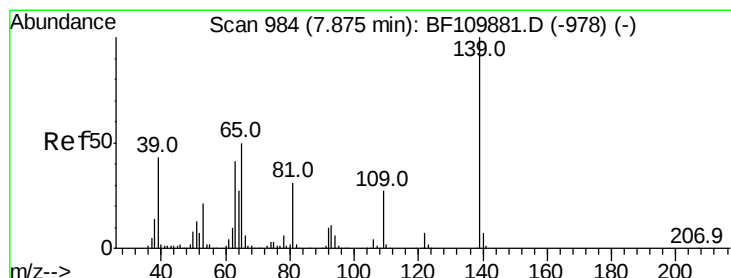
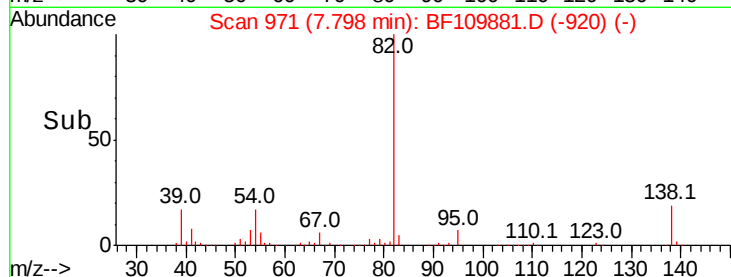
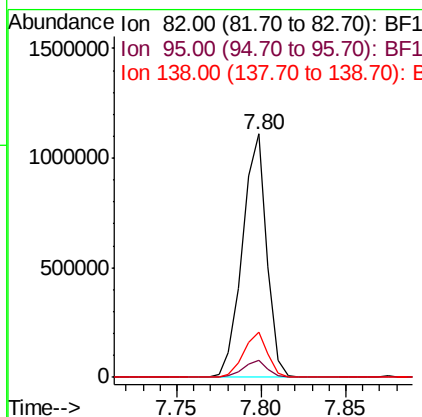
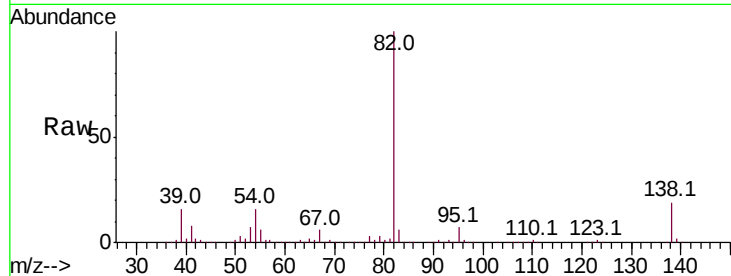
138 18.8 13.2 19.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 31.504 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

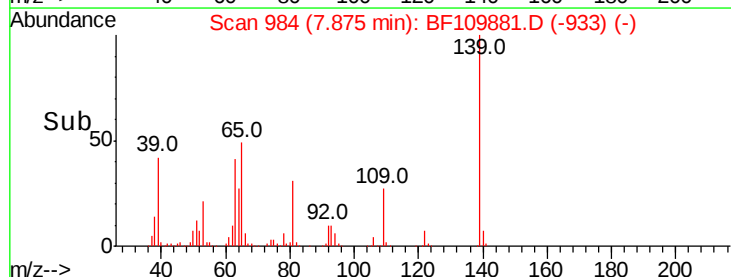
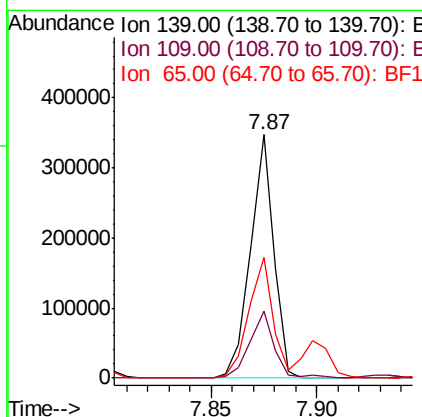
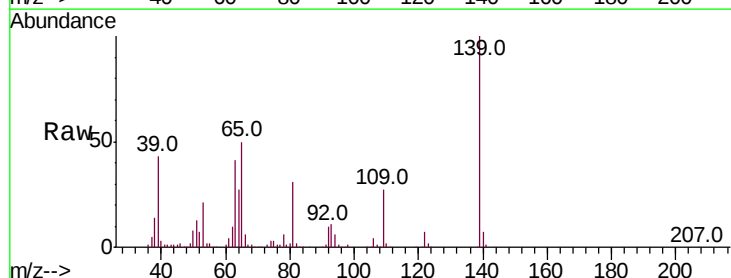
Tgt Ion: 139 Resp: 268222

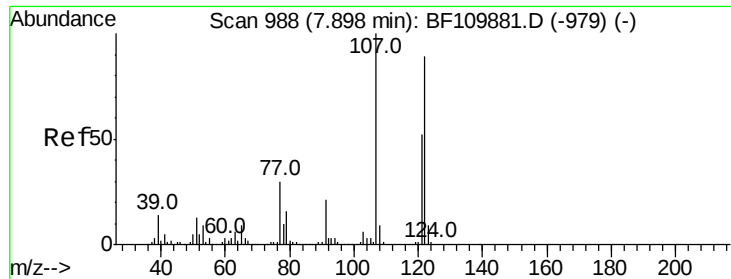
Ion Ratio Lower Upper

139 100

109 27.5 25.0 37.6

65 49.7 44.0 66.0





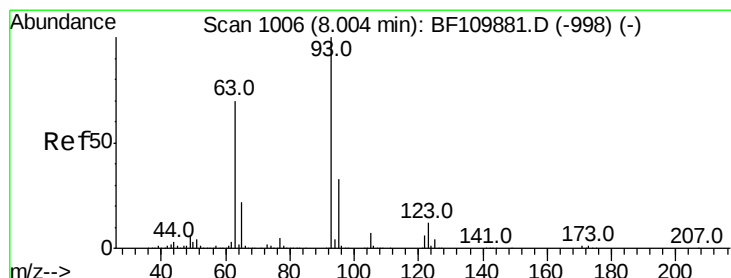
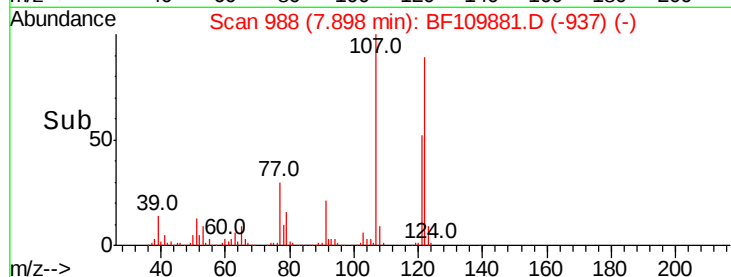
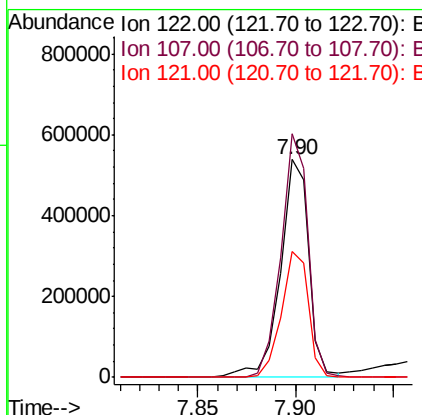
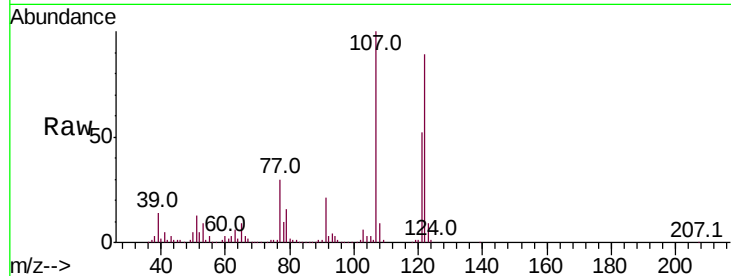
#27
 2,4-Dimethylphenol
 Concen: 44.097 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	542161		
107	111.9	92.5	138.7	
121	57.8	45.8	68.8	

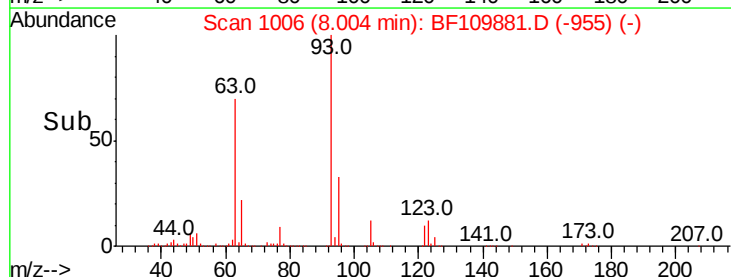
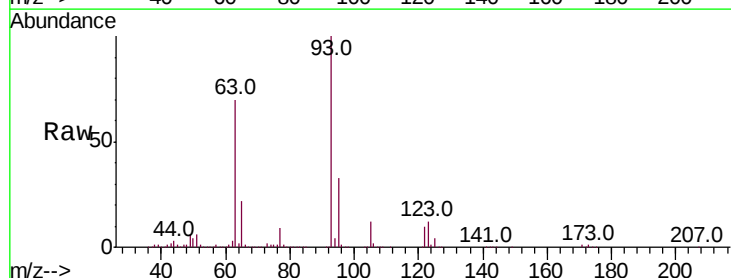
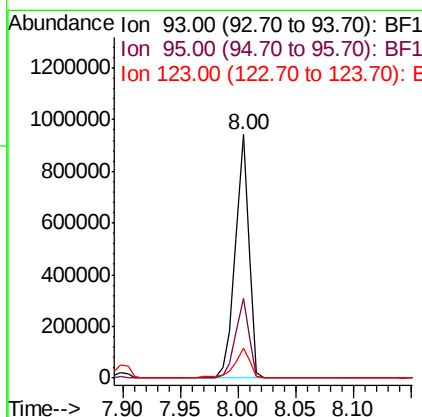
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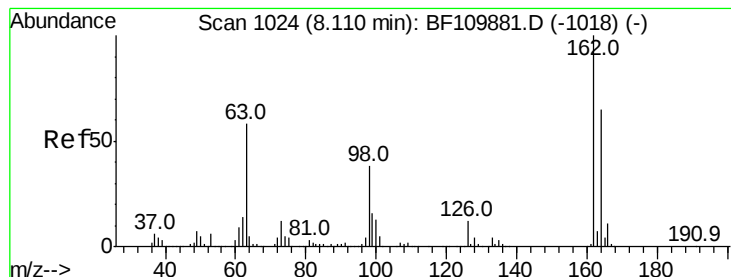
Sohil
 10/16/2018 9:57:17 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.343 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	773000		
95	32.9	26.4	39.6	
123	12.2	9.0	13.6	





#29

2,4-Dichlorophenol

Concen: 38.437 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

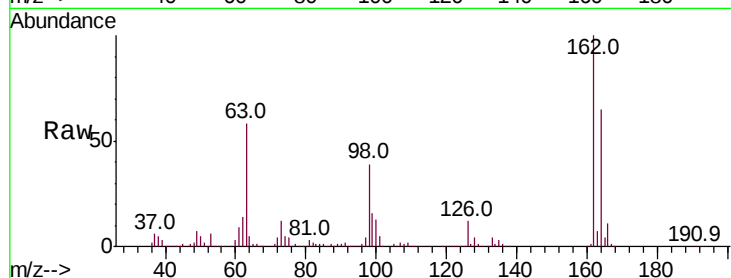
ClientSampleId :

SSTDICCC040

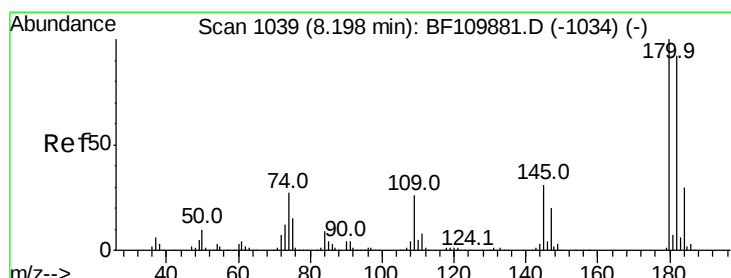
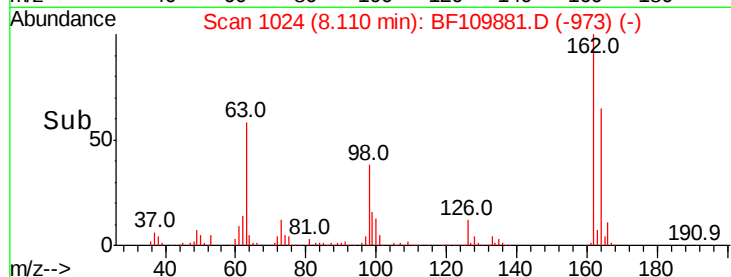
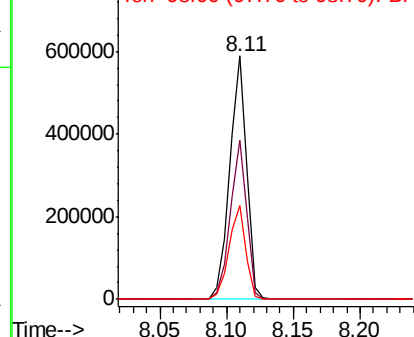
Tot Ion:	162	Resp:	530070
Ion Ratio	Lower	Upper	
162	100		
164	65.2	44.6	84.6
98	38.5	17.4	57.4

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Abundance Ion 162.00 (161.70 to 162.70): E
800000
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.760 ng

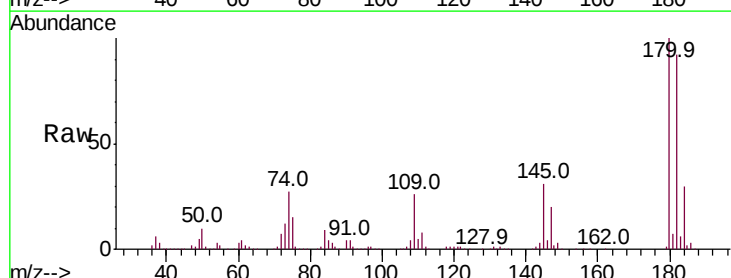
RT: 8.20 min Scan# 1039

Delta R.T. 0.00 min

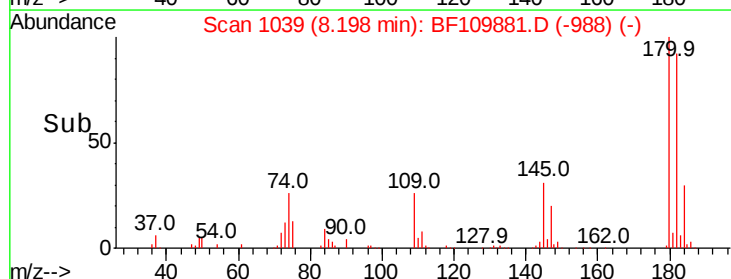
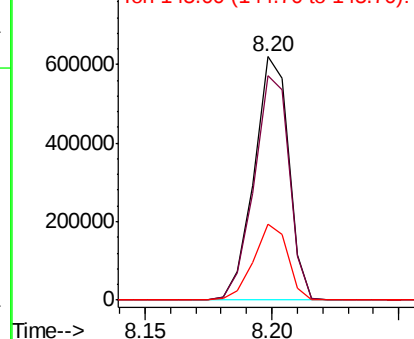
Lab File: BF109881.D

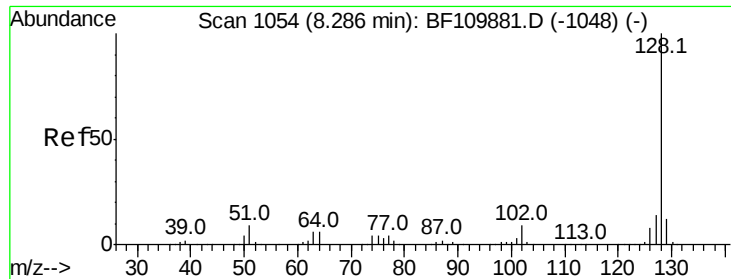
Acq: 15 Oct 2018 16:12

Tgt Ion:	180	Resp:	591721
Ion Ratio	Lower	Upper	
180	100		
182	92.2	80.3	120.5
145	31.5	25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
800000
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





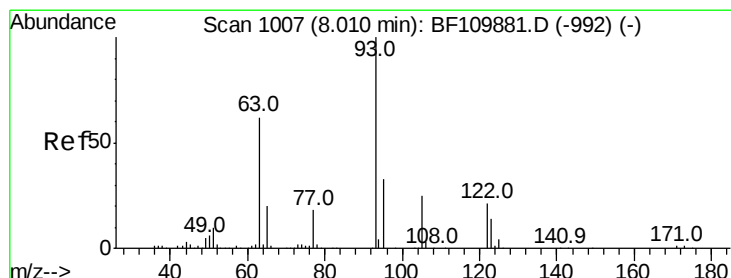
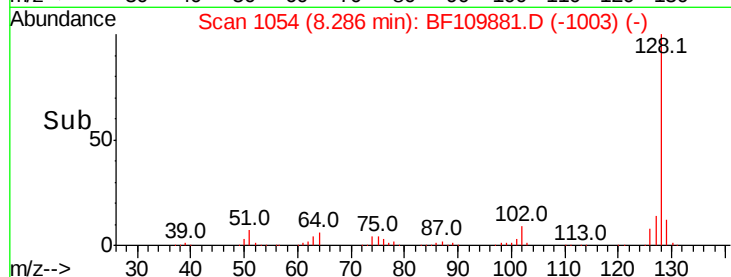
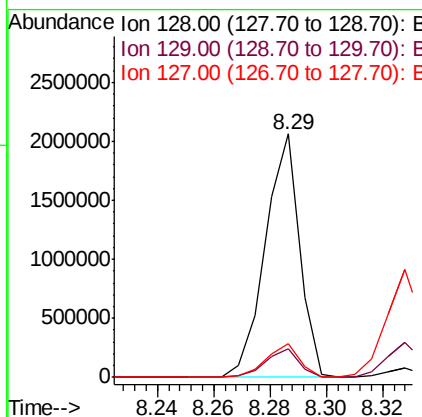
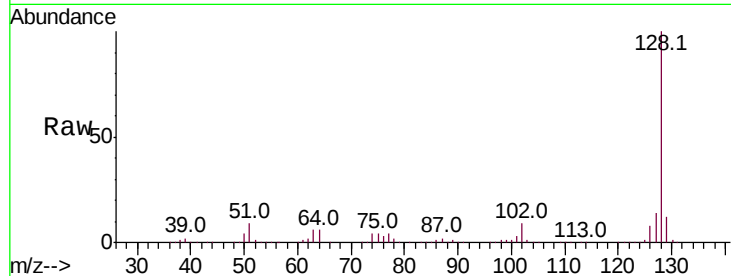
#31
Naphthalene
Concen: 39.125 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:128 Resp: 1744729
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.6 10.8 16.2

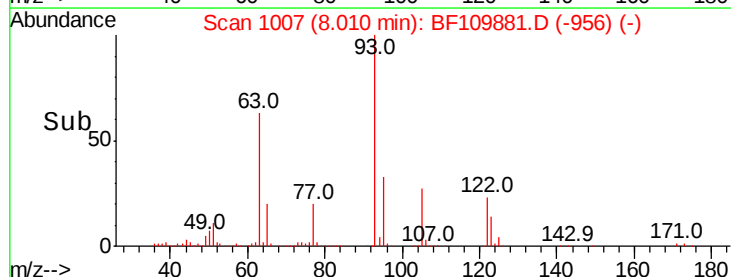
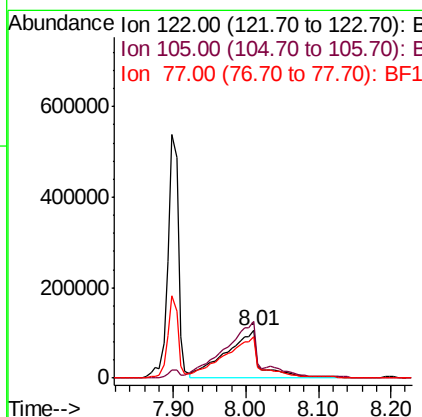
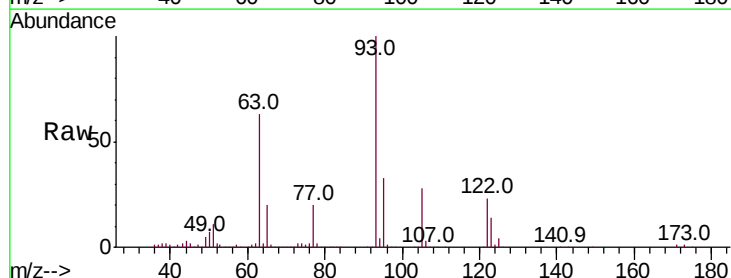
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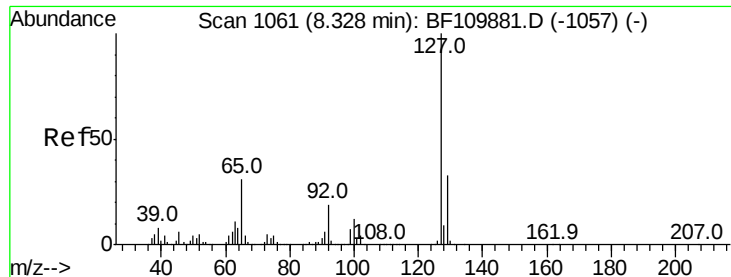
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#32
Benzoic acid
Concen: 40.666 ng m
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion:122 Resp: 357465
Ion Ratio Lower Upper
122 100
105 119.0 109.0 149.0
77 85.6 79.0 119.0





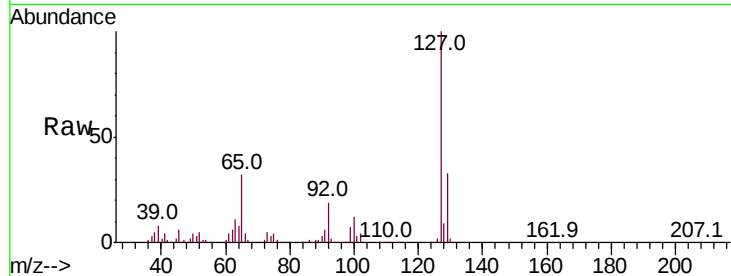
#33
4-Chloroaniline
Concen: 40.126 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

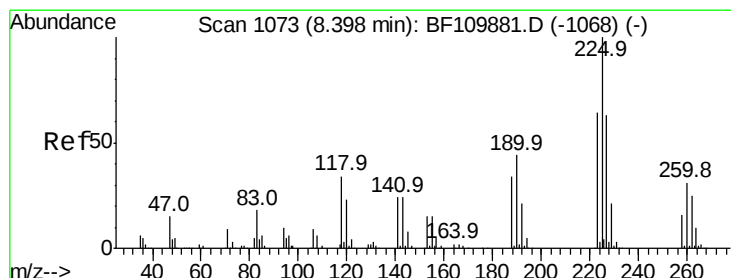
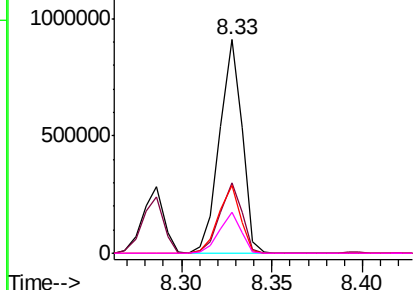
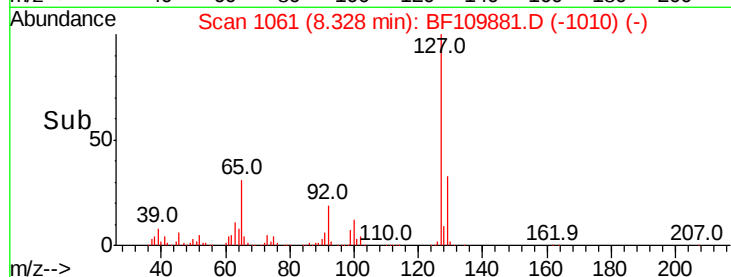
Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.8	26.0	39.0
65	31.5	25.1	37.7
92	18.9	15.0	22.6

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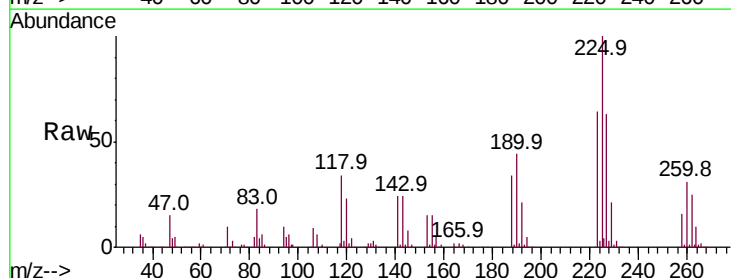


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

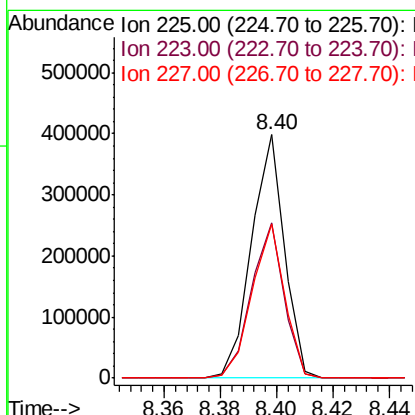
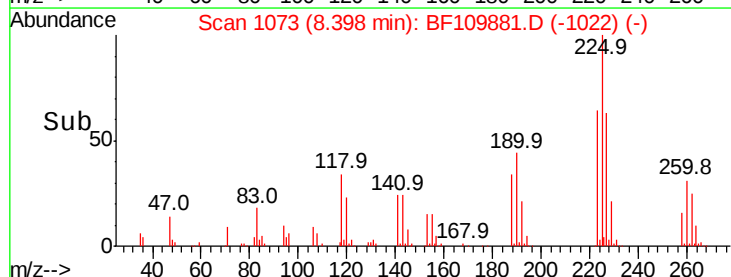


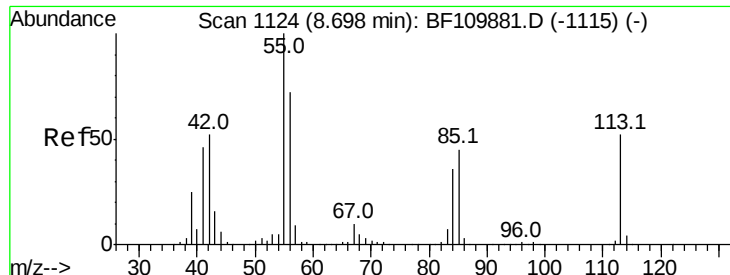
#34
Hexachlorobutadiene
Concen: 33.919 ng
RT: 8.40 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.9	51.4	77.2
227	63.5	51.0	76.6



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





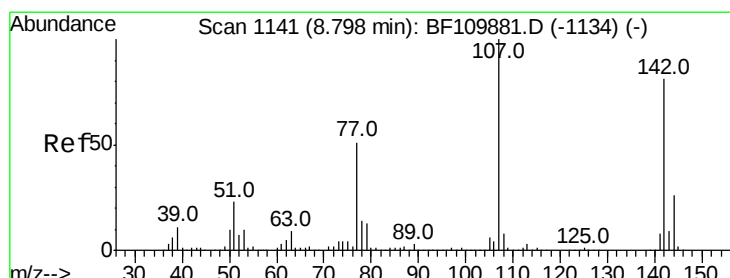
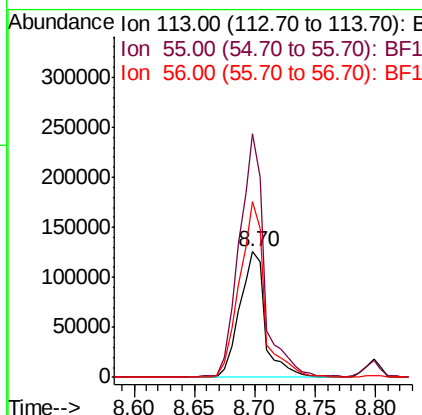
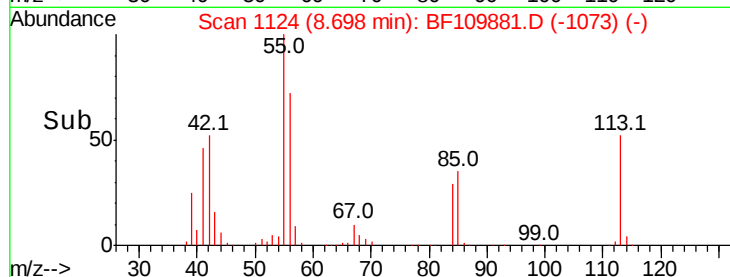
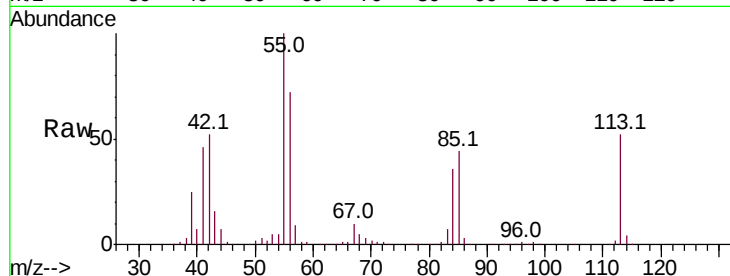
#35
 Caprolactam
 Concen: 45.309 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	193.8	142.8	182.8#
56	139.6	105.0	145.0

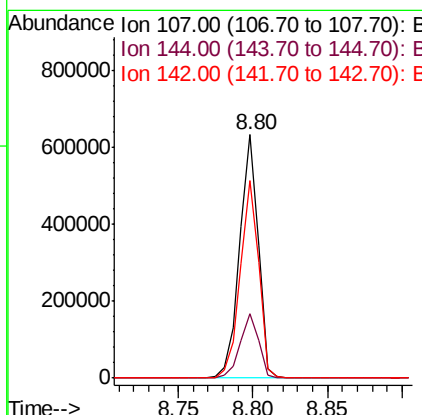
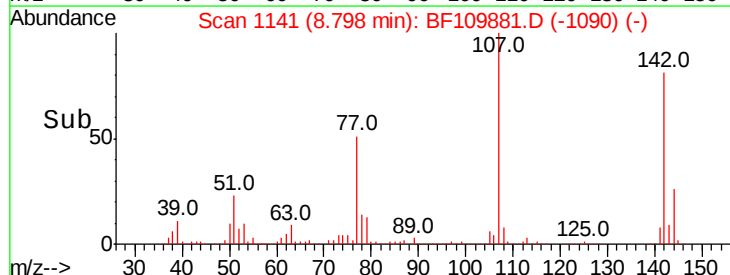
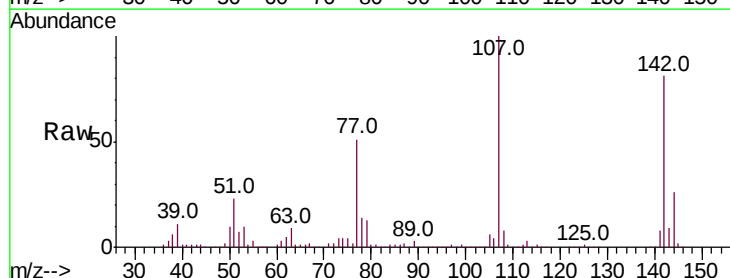
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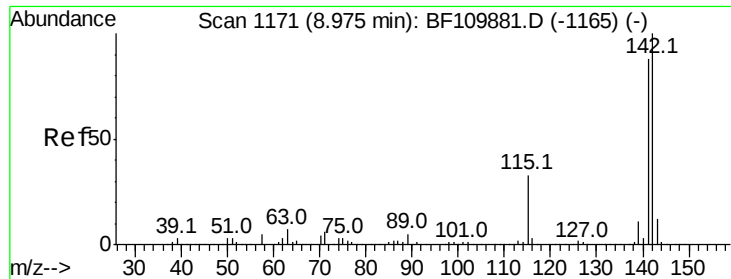
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#36
 4-Chloro-3-methylphenol
 Concen: 38.128 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.0	30.0
142	81.1	59.7	89.5





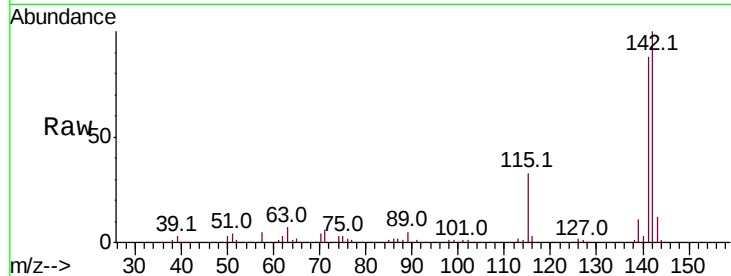
#37
2-Methylnaphthalene
Concen: 38.814 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

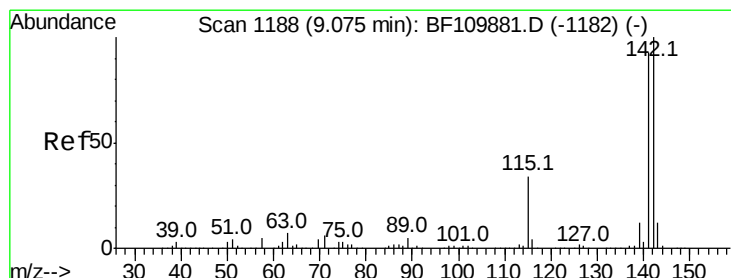
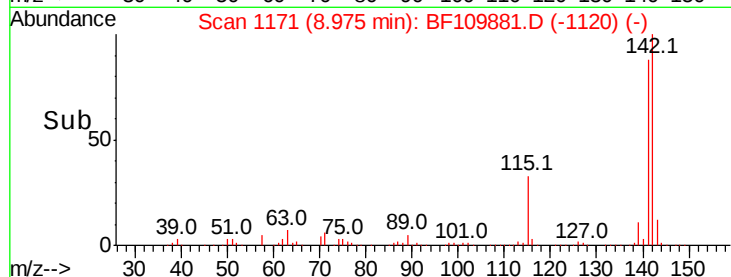
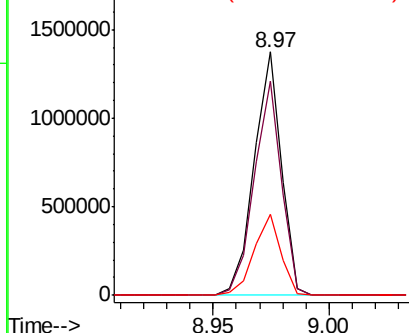
Tot Ion:142 Resp: 1133778
Ion Ratio Lower Upper
142 100
141 88.0 71.4 107.2
115 33.4 28.7 43.1

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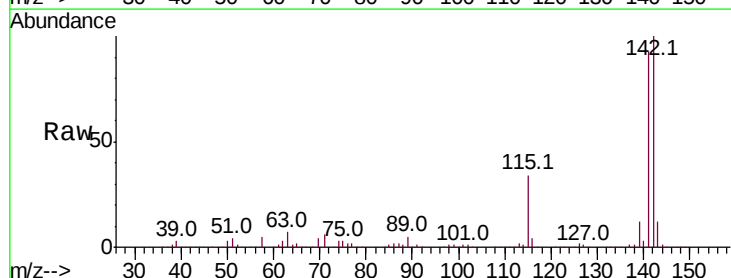


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

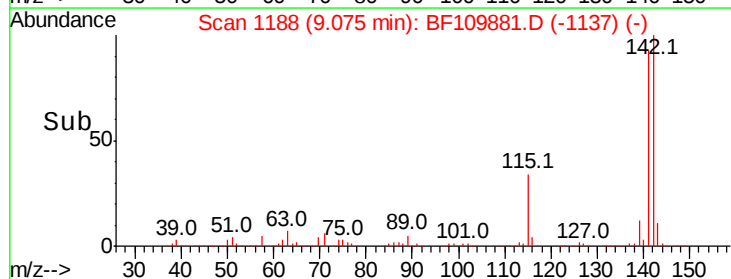
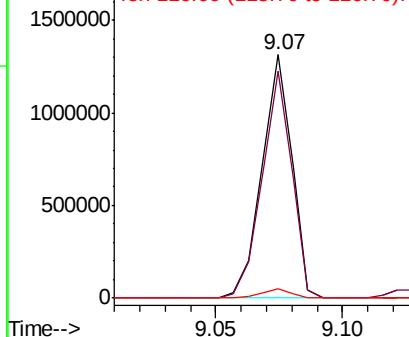


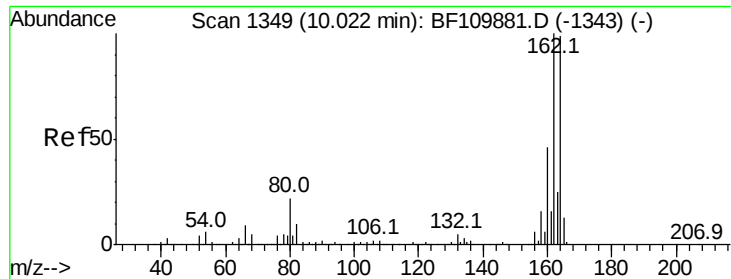
#38
1-Methylnaphthalene
Concen: 37.450 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion:142 Resp: 1087539
Ion Ratio Lower Upper
142 100
141 93.3 74.2 111.4
116 3.7 2.6 4.0



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





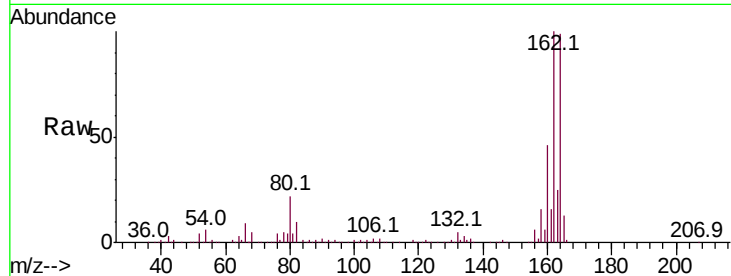
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.0	124.6
160	46.1	37.0	55.6

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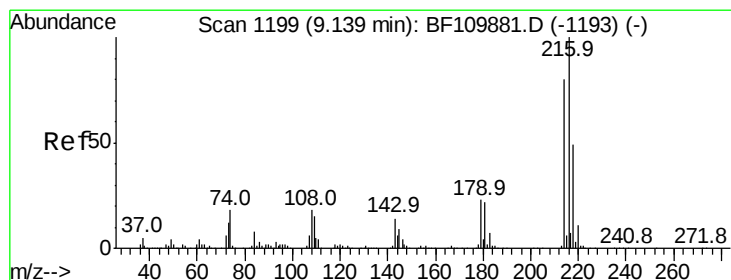
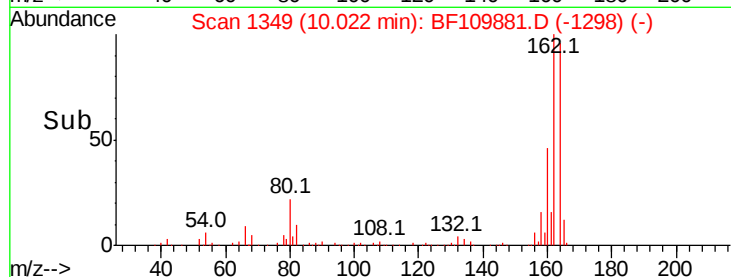
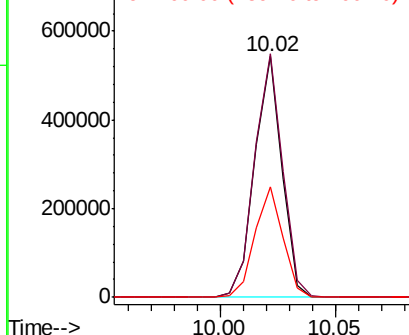


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.710 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.6
179	22.7	16.6	25.0
108	20.6	15.1	22.7

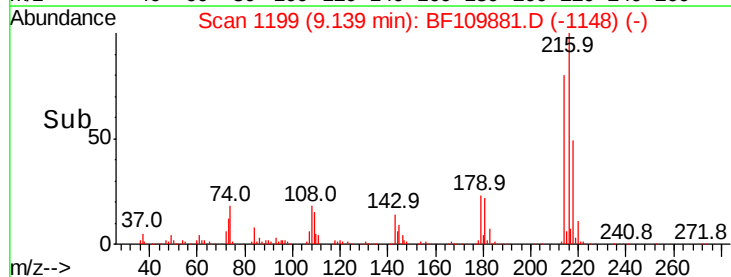
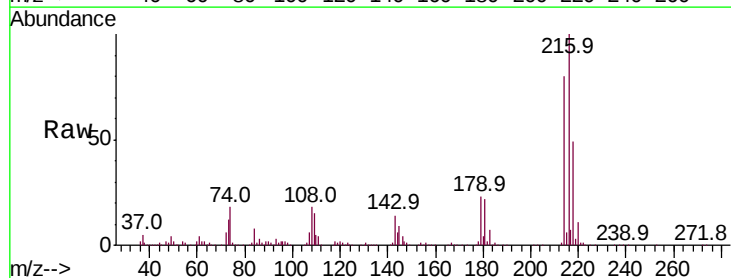
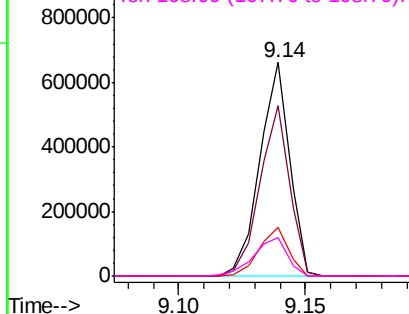
Abundance

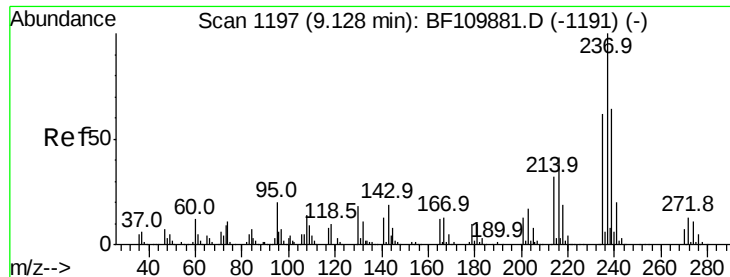
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 49.671 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

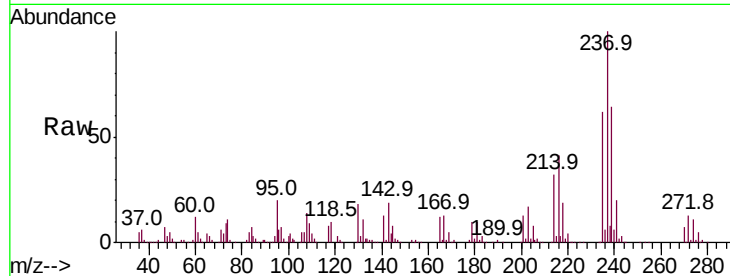
ClientSampleId :

SSTDICCC040

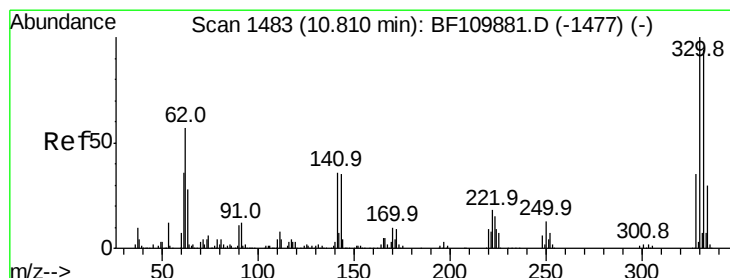
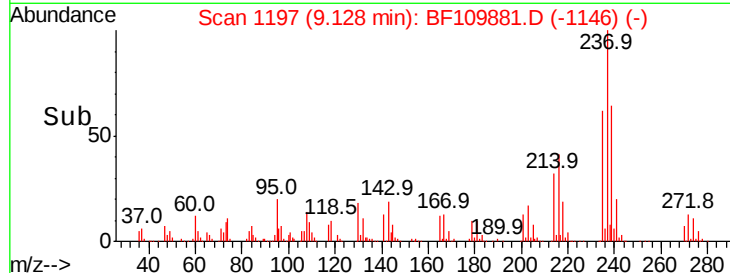
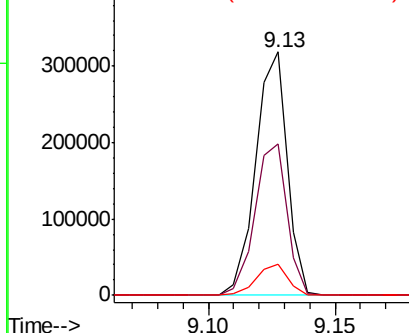
Tot Ion:	237	Resp:	277015
Ion Ratio	Lower	Upper	
237	100		
235	62.4	43.1	83.1
272	12.8	0.0	32.6

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 66.499 ng

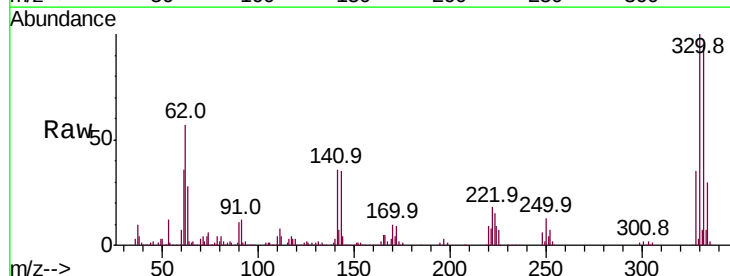
RT: 10.81 min Scan# 1483

Delta R.T. 0.00 min

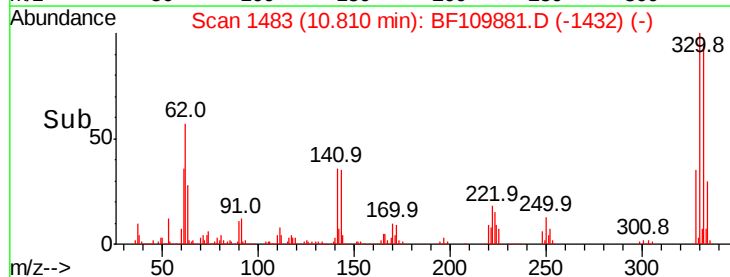
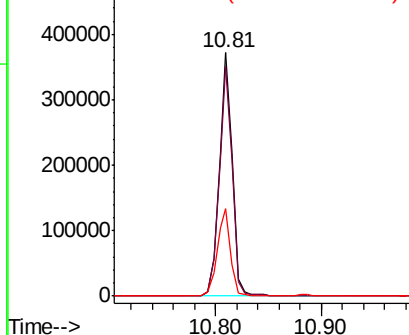
Lab File: BF109881.D

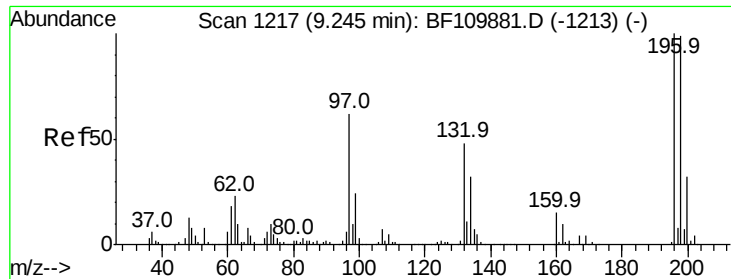
Acq: 15 Oct 2018 16:12

Tgt Ion:	330	Resp:	325309
Ion Ratio	Lower	Upper	
330	100		
332	94.8	77.1	115.7
141	36.9	27.0	40.4



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





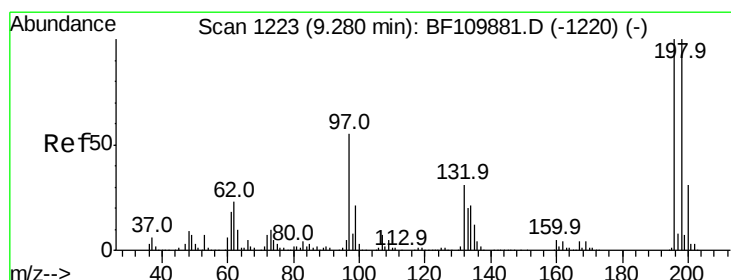
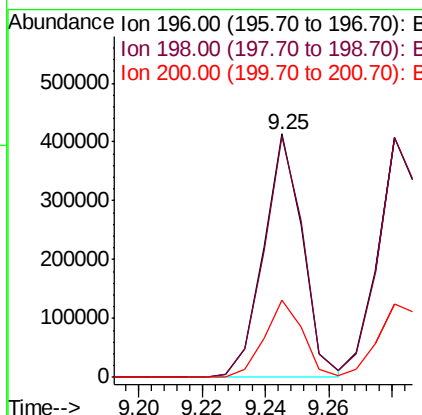
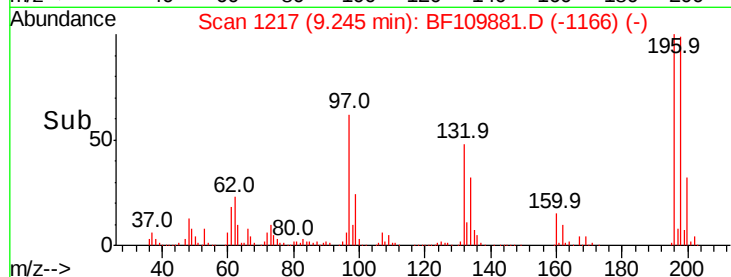
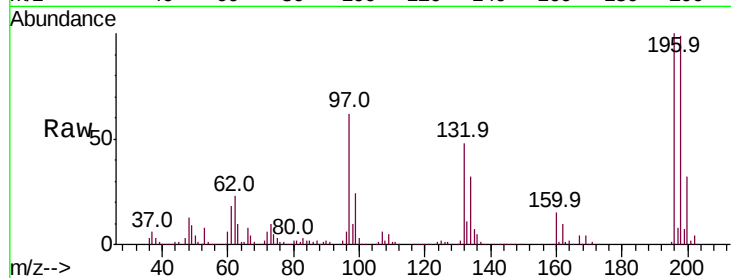
#43
 2,4,6-Trichlorophenol
 Concen: 38.672 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:	196	Resp:	353310
Ion Ratio	Lower	Upper	
196	100		
198	99.2	76.2	114.4
200	31.6	24.4	36.6

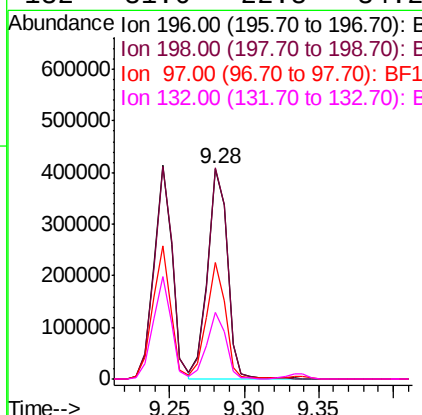
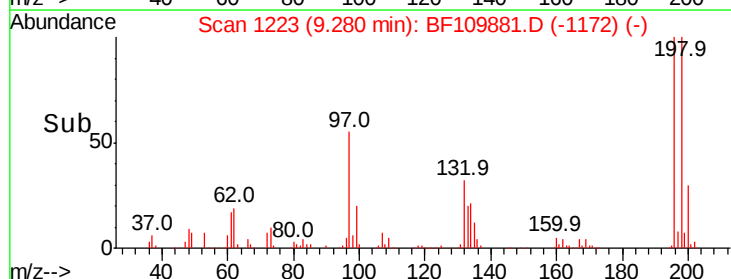
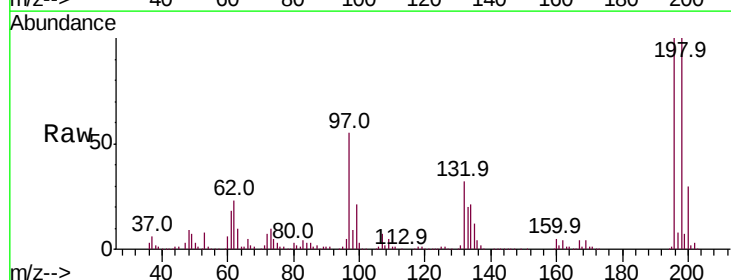
Manual Integrations
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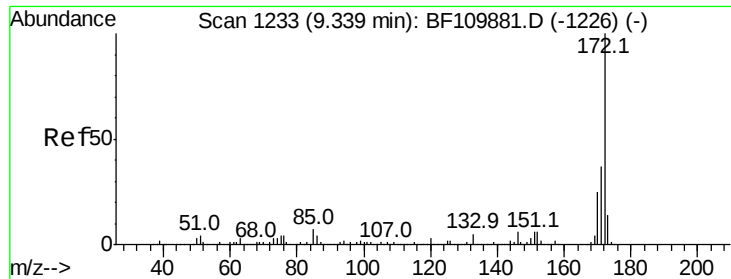
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#44
 2,4,5-Trichlorophenol
 Concen: 35.416 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Tgt Ion:	196	Resp:	372026
Ion Ratio	Lower	Upper	
196	100		
198	100.3	75.8	113.6
97	55.3	42.4	63.6
132	31.6	22.8	34.2





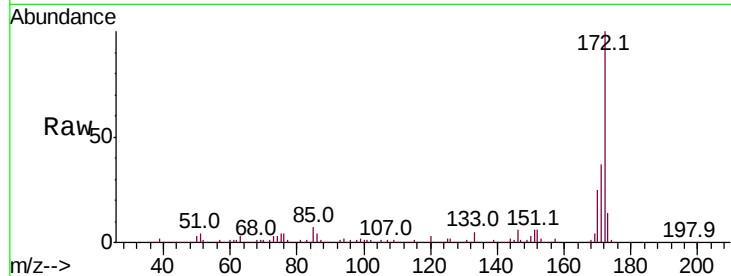
#45
2-Fluorobiphenyl
Concen: 65.743 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.6	43.0
170	25.1	19.7	29.5

Manual Integrations
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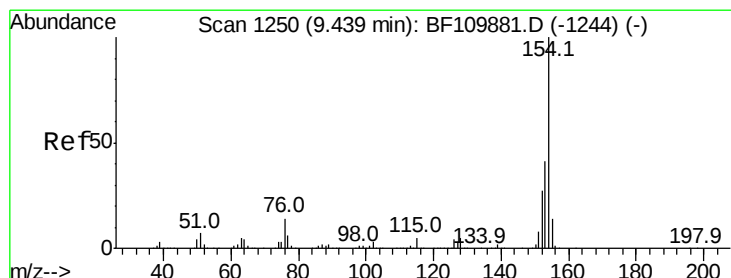
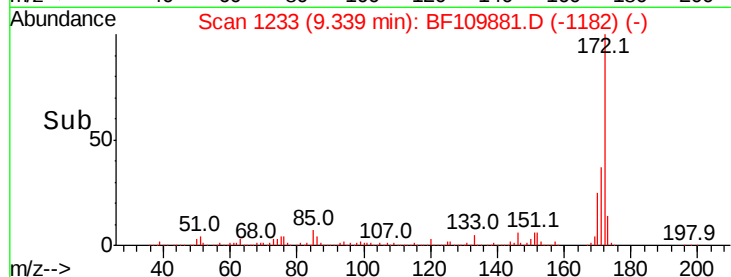
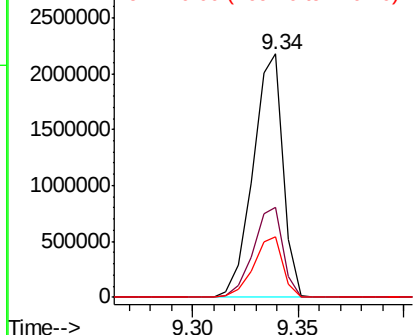


Abundance

Ion 172.00 (171.70 to 172.70): E

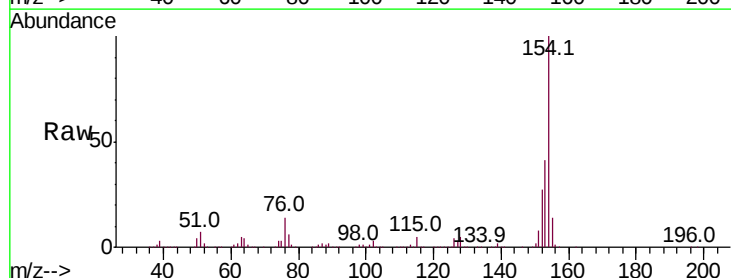
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.076 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.4	60.4
76	13.5	0.0	31.9

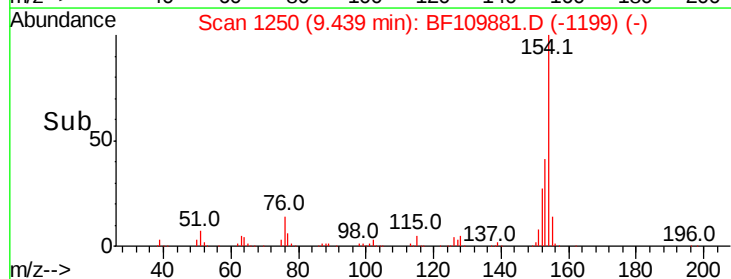
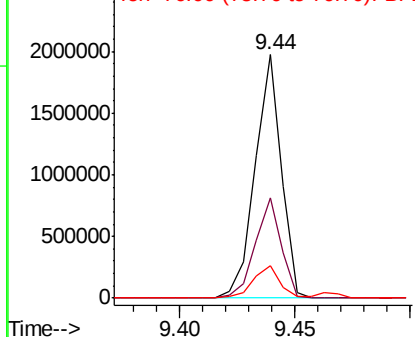


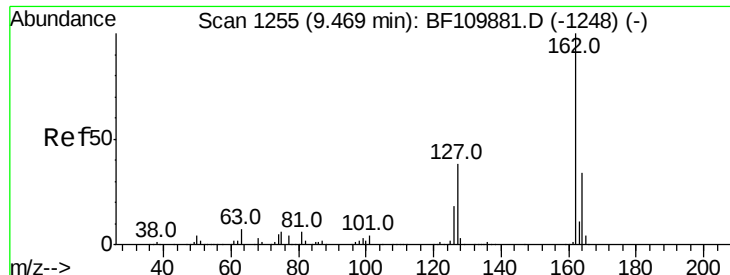
Abundance

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





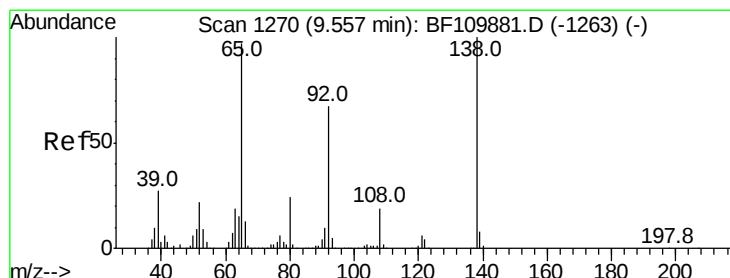
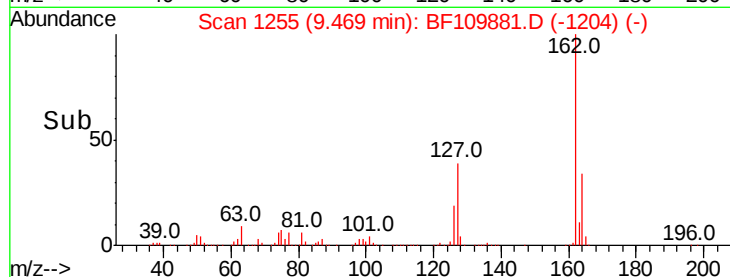
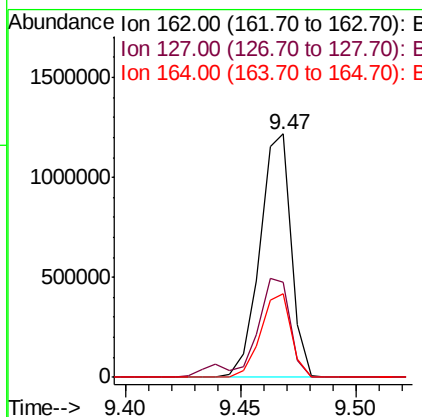
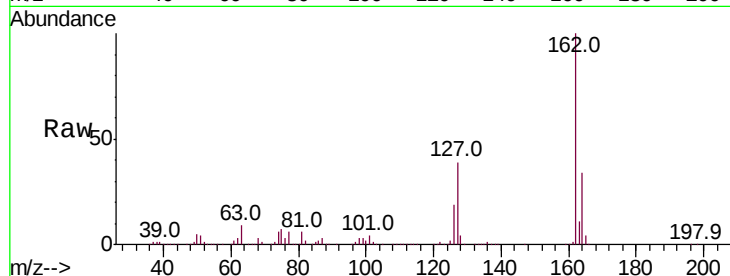
#47
2-Chloronaphthalene
Concen: 38.371 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	32.6	48.8
164	34.1	25.9	38.9

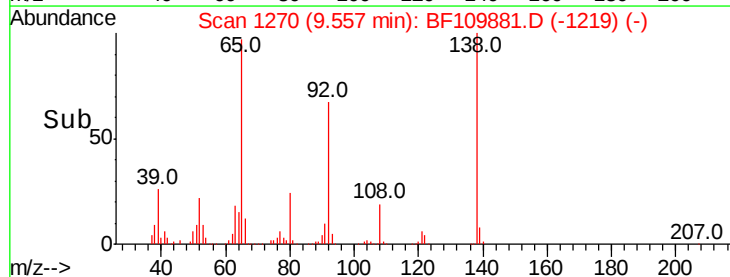
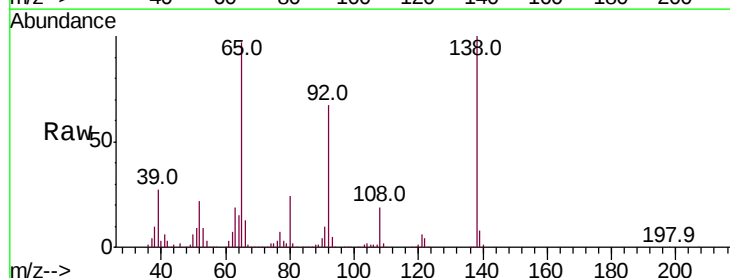
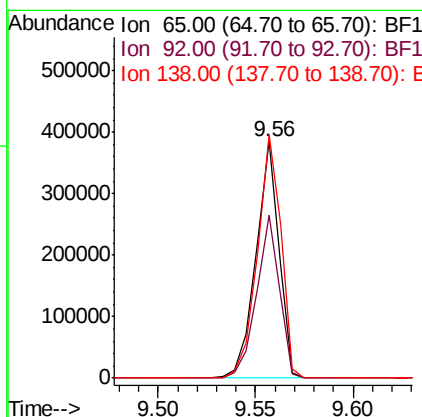
Manual Integrations
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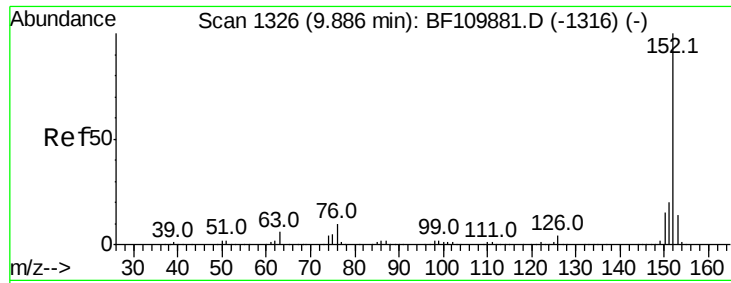
Sohil
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#48
2-Nitroaniline
Concen: 34.579 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	54.6	81.8
138	102.8	80.3	120.5





#49

Acenaphthylene

Concen: 38.976 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

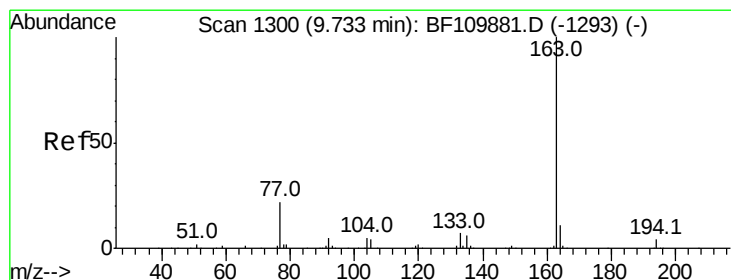
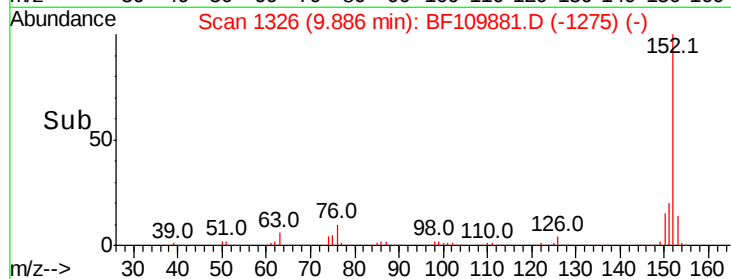
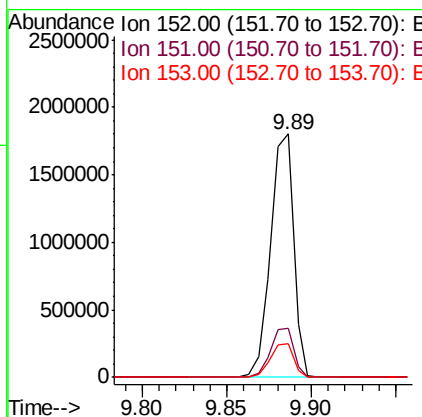
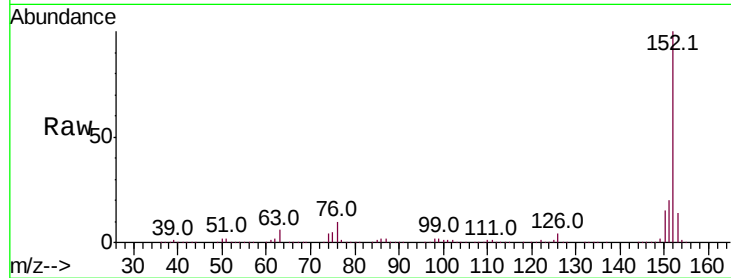
ClientSampleId :

SSTDICCC040

Tot Ion:	152	Resp:	1707411
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.8	23.8
153	13.9	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 38.006 ng

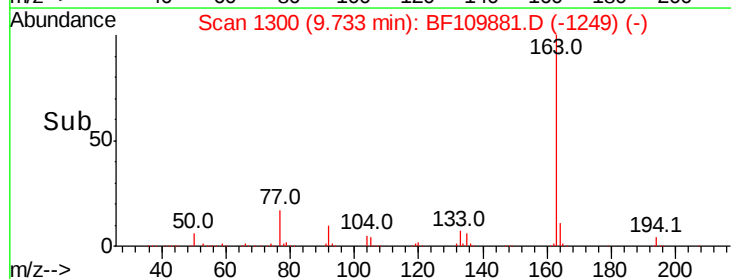
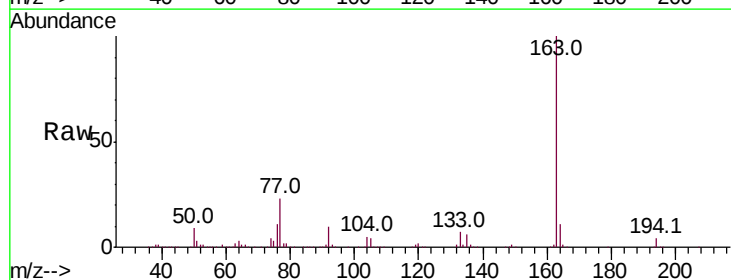
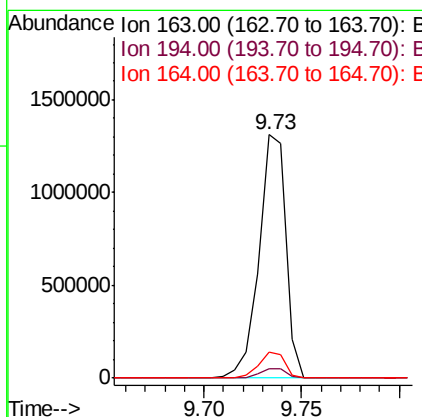
RT: 9.73 min Scan# 1300

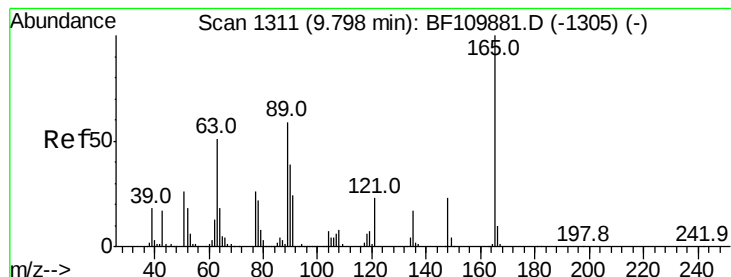
Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Tgt Ion:	163	Resp:	1251429
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.2	4.8
164	10.7	8.1	12.1





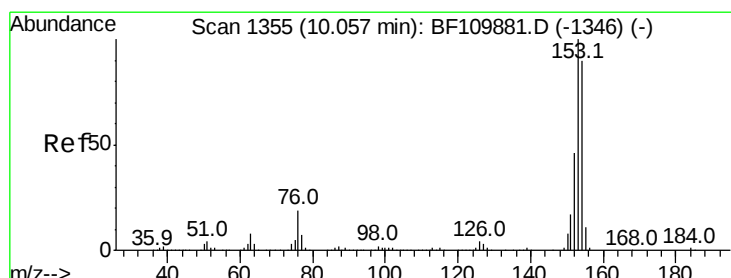
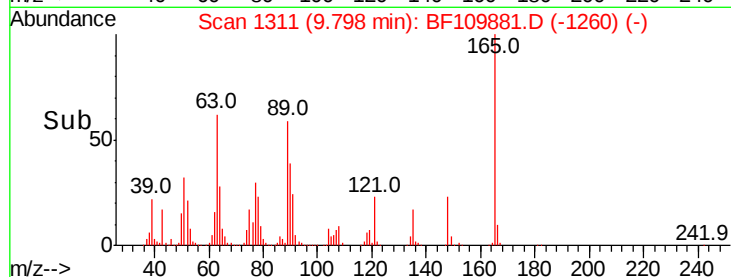
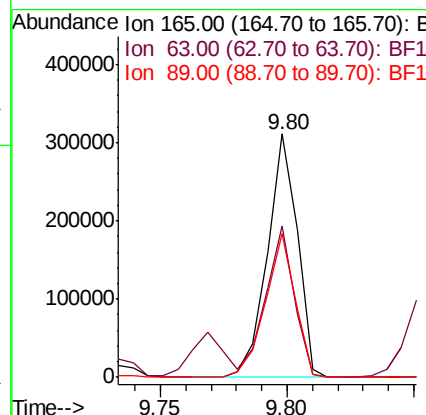
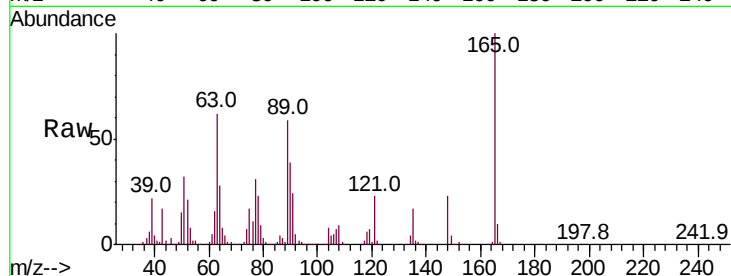
#51
 2,6-Dinitrotoluene
 Concen: 35.756 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.0	48.9	73.3
89	59.3	46.6	69.8

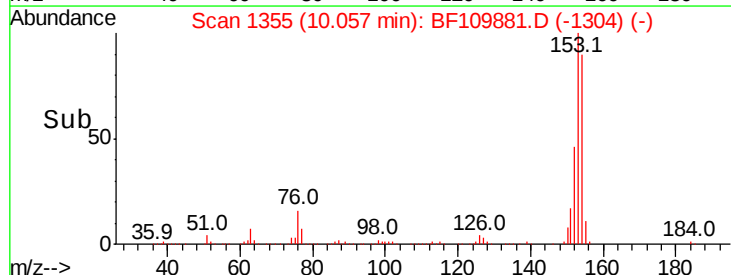
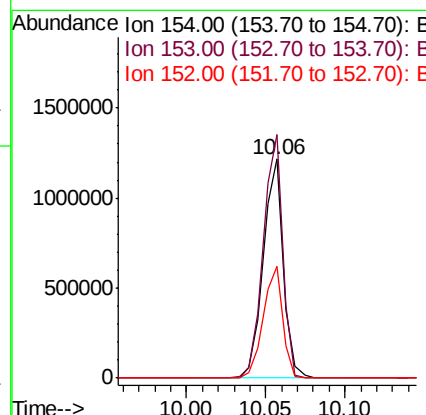
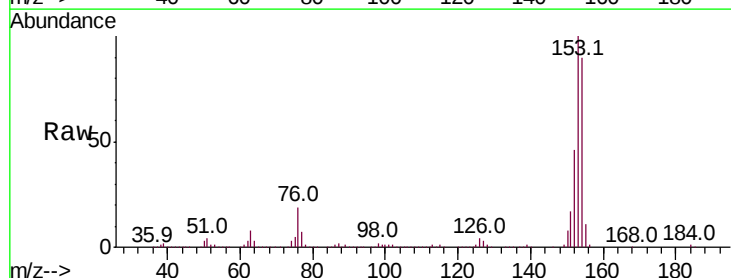
Manual Integrations
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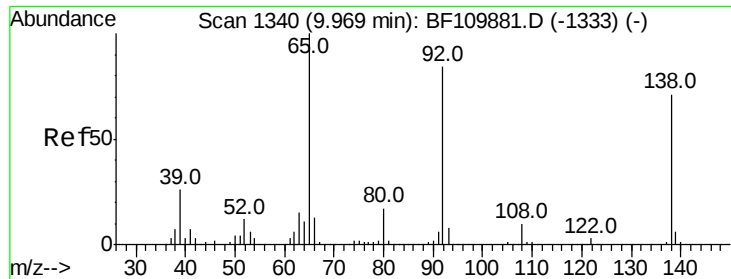
Sohil
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#52
 Acenaphthene
 Concen: 41.347 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	90.1	135.1
152	51.1	43.4	65.2





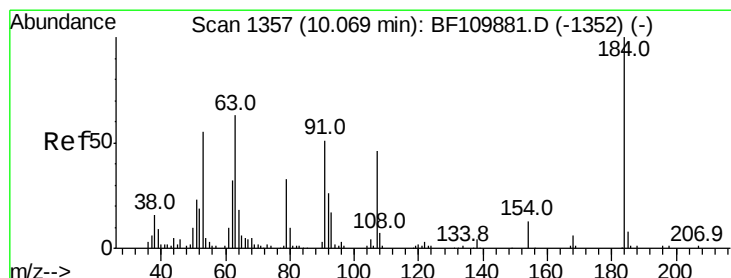
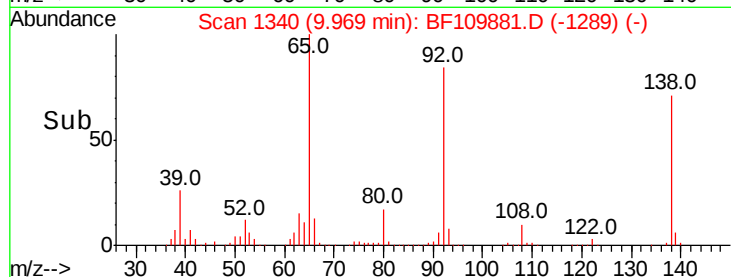
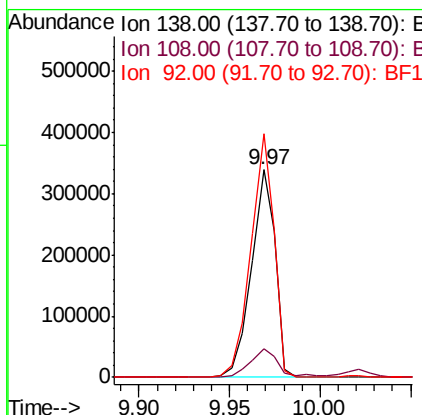
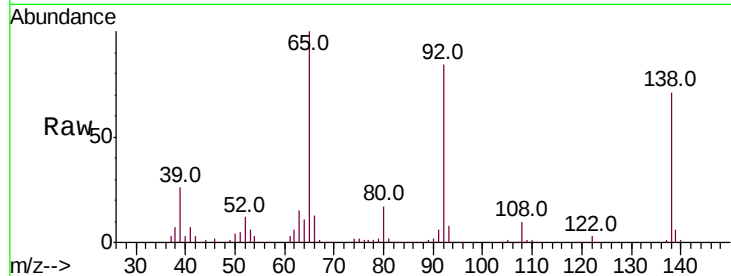
#53
3-Nitroaniline
Concen: 38.473 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.0	8.7	13.1#
92	117.5	97.0	145.4

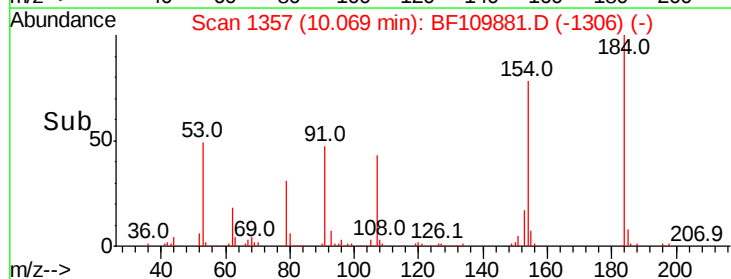
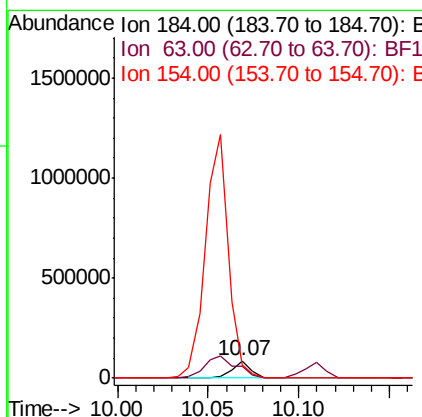
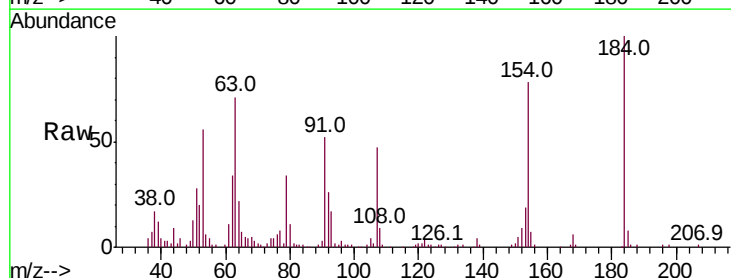
Manual Integrations
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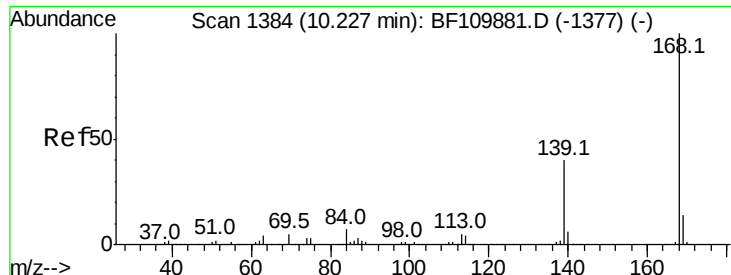
Sohil
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#54
2,4-Dinitrophenol
Concen: 27.095 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.6	55.8	83.6
154	78.0	63.2	94.8





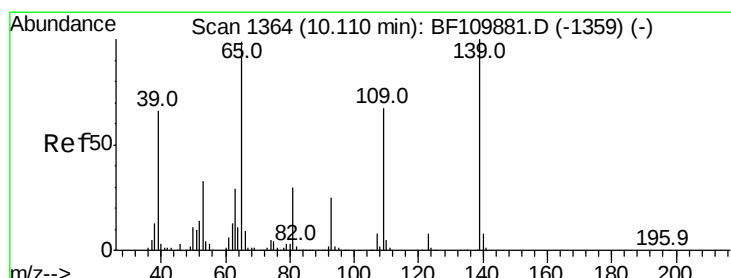
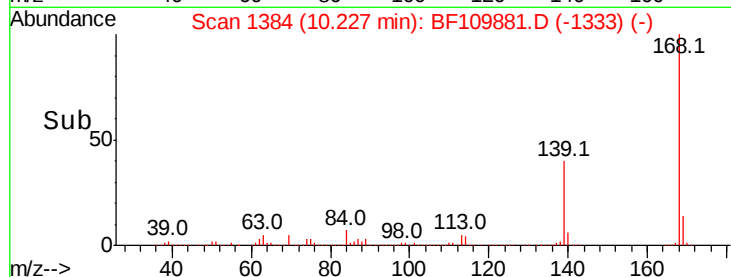
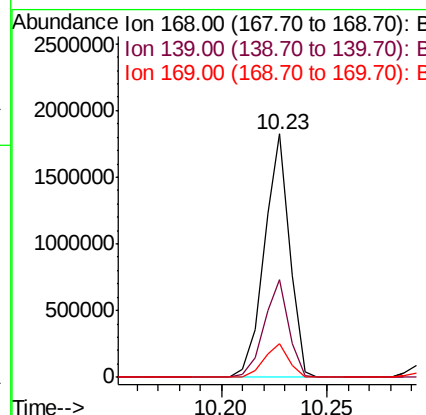
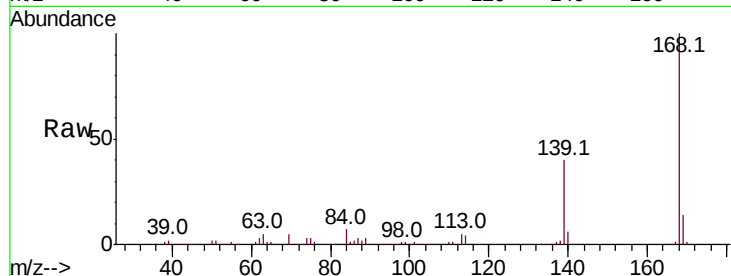
#55
Dibenzenofuran
Concen: 38.807 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:168 Resp: 1510639
Ion Ratio Lower Upper
168 100
139 40.2 33.0 49.6
169 14.1 11.3 16.9

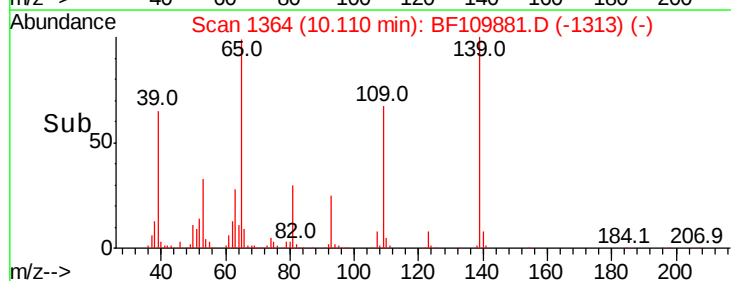
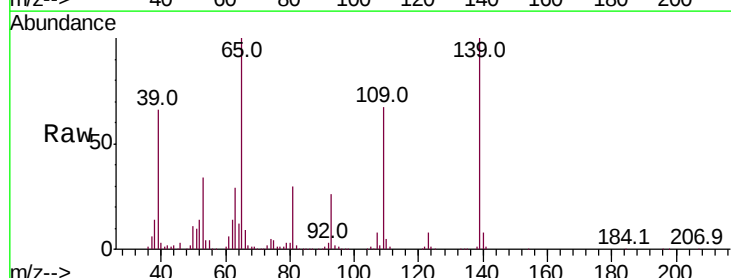
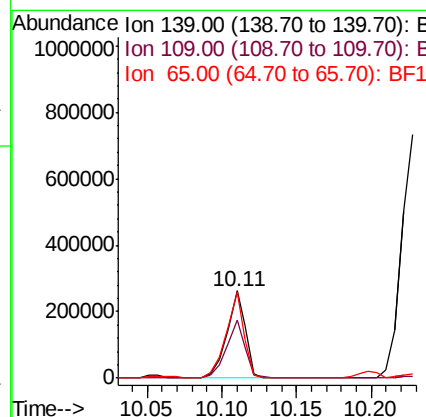
Manual Integrations
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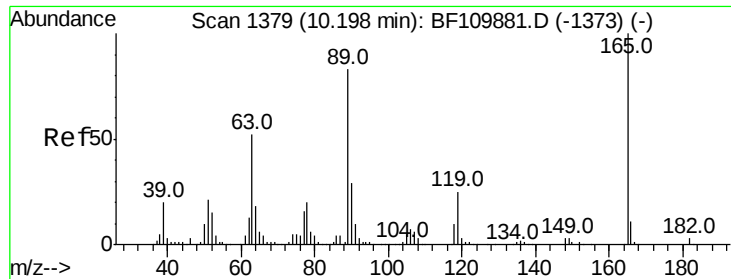
Sohil
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#56
4-Nitrophenol
Concen: 52.953 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion:139 Resp: 231904
Ion Ratio Lower Upper
139 100
109 67.3 55.8 95.8
65 99.5 77.9 117.9





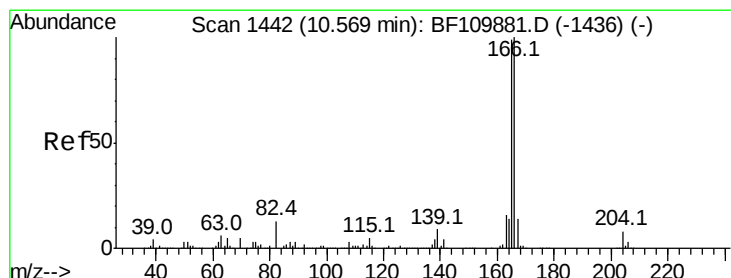
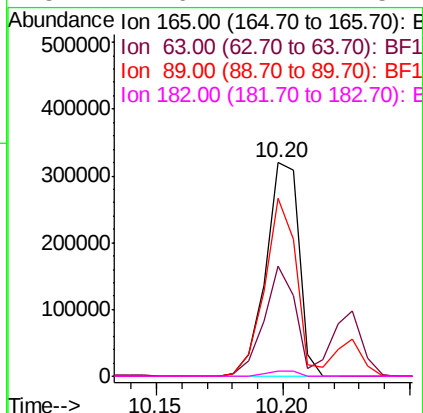
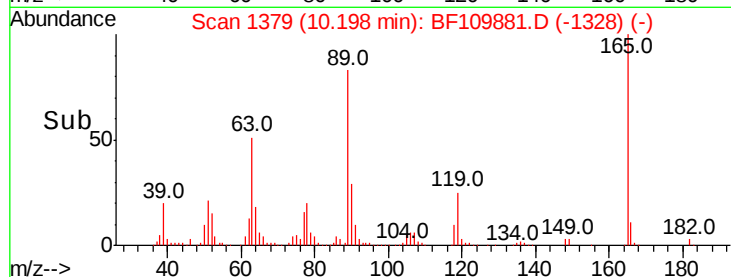
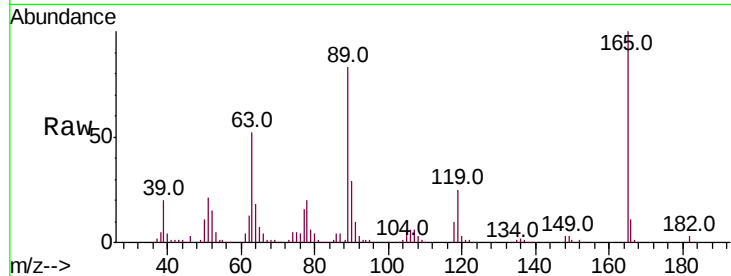
#57
2,4-Dinitrotoluene
Concen: 33.128 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.7	44.8	67.2
89	83.2	62.2	93.4
182	2.6	2.1	3.1

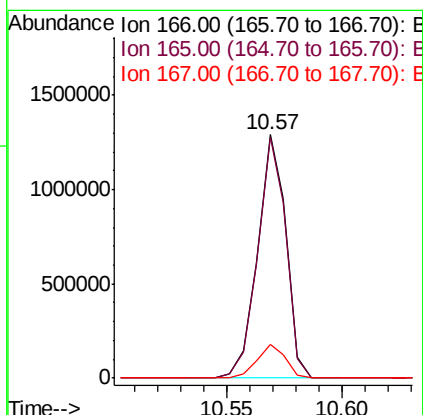
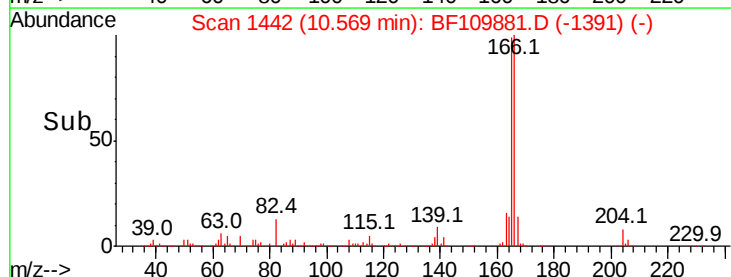
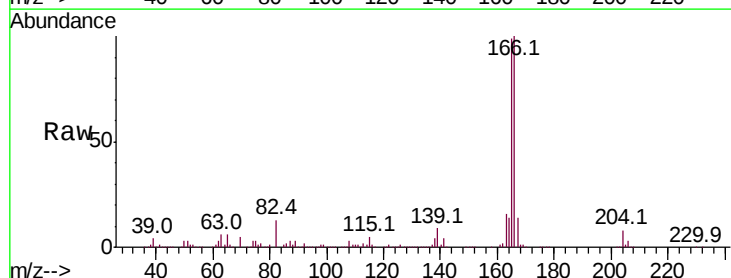
Manual Integrations
APPROVED

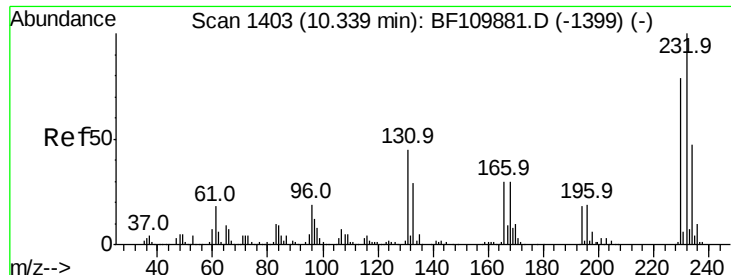
Sohil
10/16/2018 9:57:17 AM



#58
Fluorene
Concen: 38.011 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.6	117.8
167	13.8	10.8	16.2





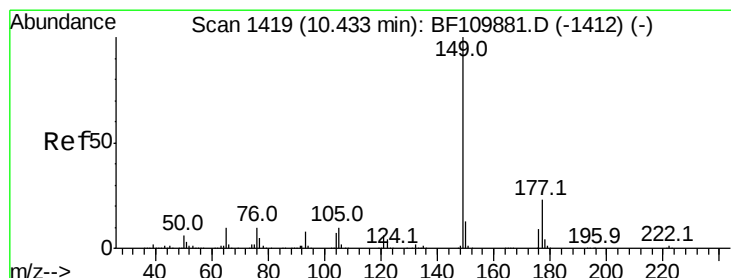
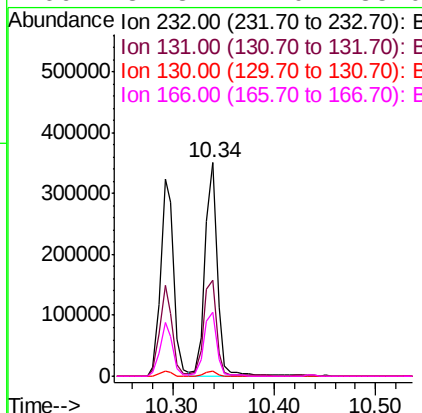
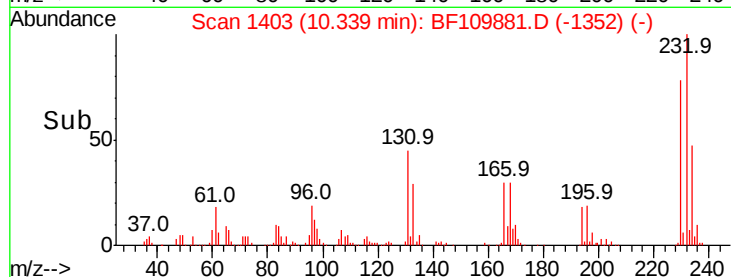
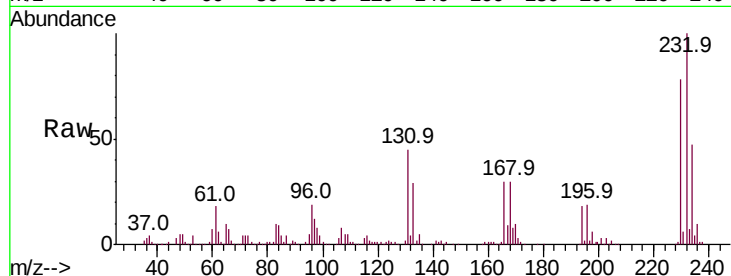
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.723 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.0	37.0	55.4
130	2.4	1.8	2.6
166	31.3	22.0	33.0

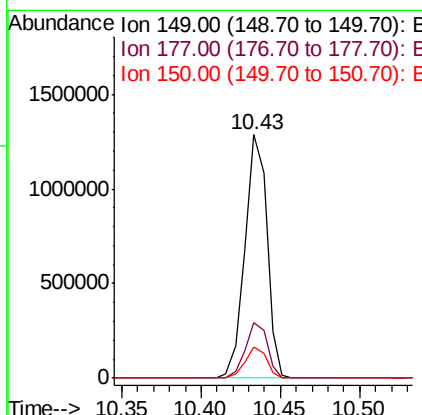
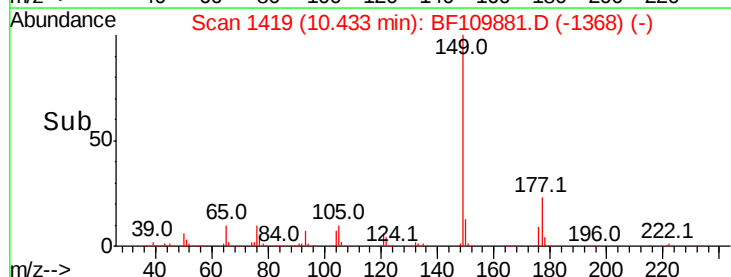
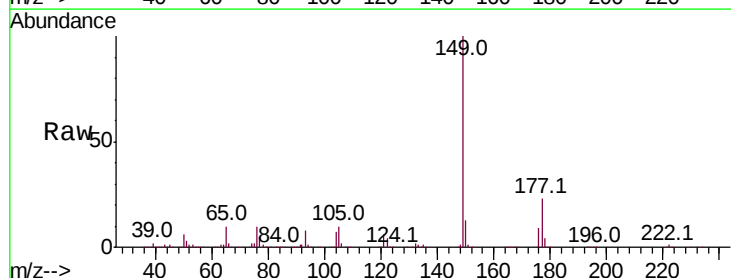
Manual Integrations
 APPROVED

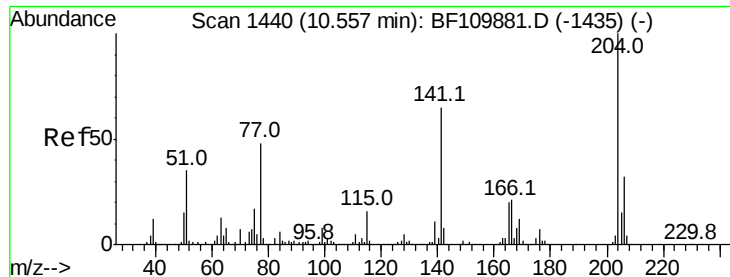
Sohil
 10/16/2018 9:57:17 AM



#60
 Diethylphthalate
 Concen: 38.004 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.4	26.2
150	12.8	9.8	14.8





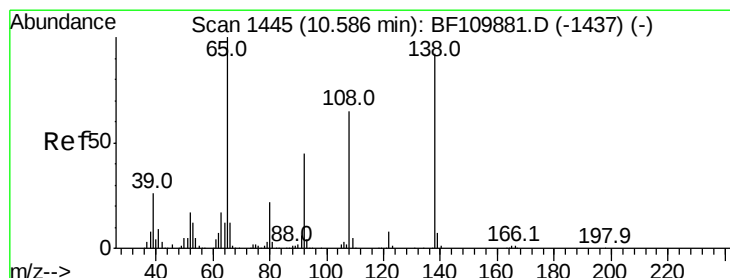
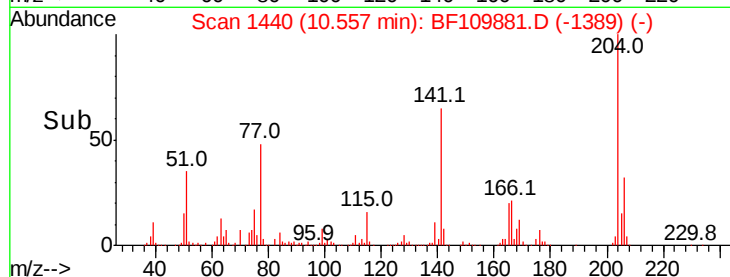
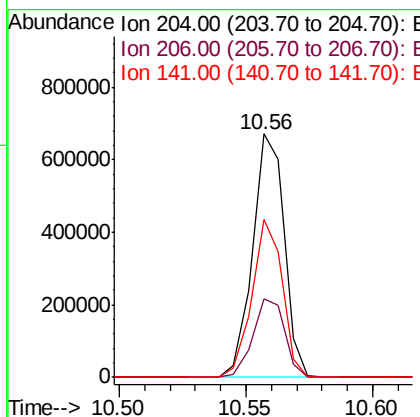
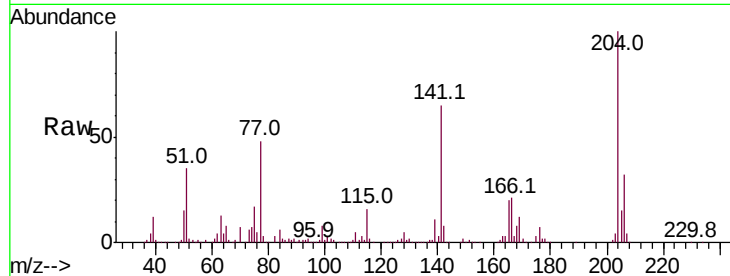
#61
4-Chlorophenyl-phenylether
Concen: 38.121 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.5	39.7
141	64.6	51.8	77.8

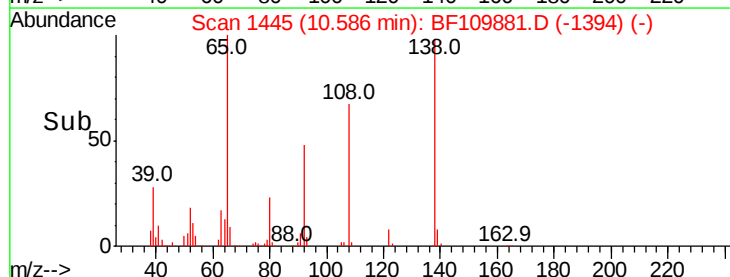
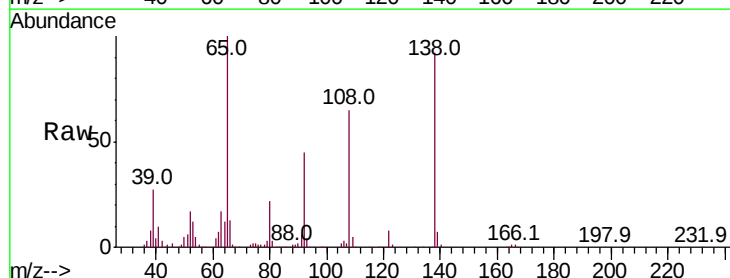
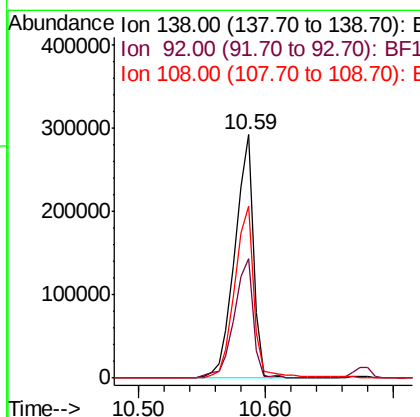
Manual Integrations
APPROVED

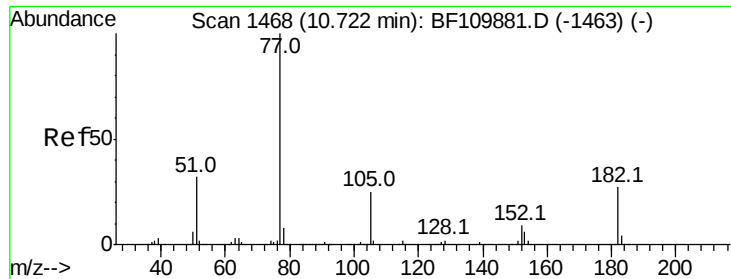
Sohil
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#62
4-Nitroaniline
Concen: 39.482 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	31.7	71.7
108	70.8	59.3	99.3





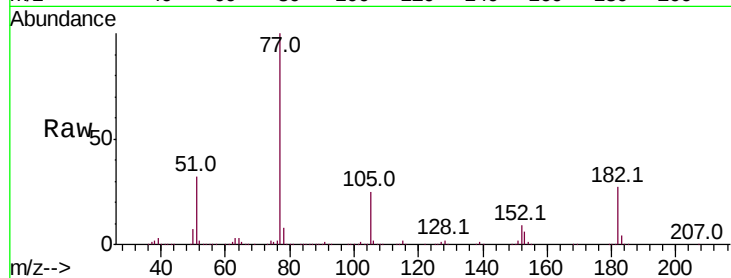
#63
Azobenzene
Concen: 38.761 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.9	4.3	44.3
105	24.7	1.3	41.3
51	31.8	9.0	49.0

Manual Integrations
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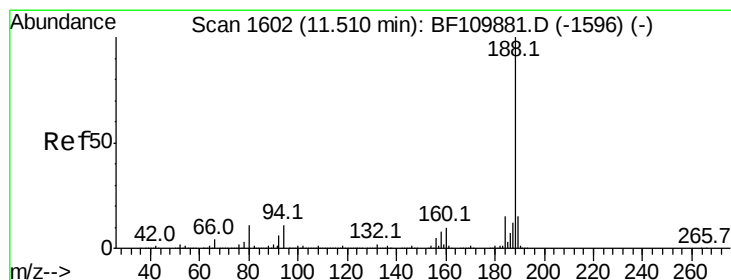
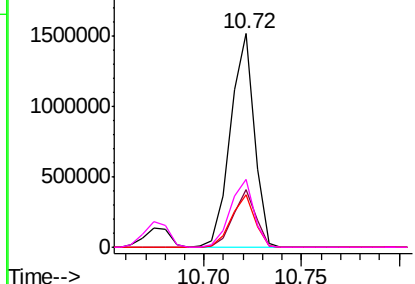
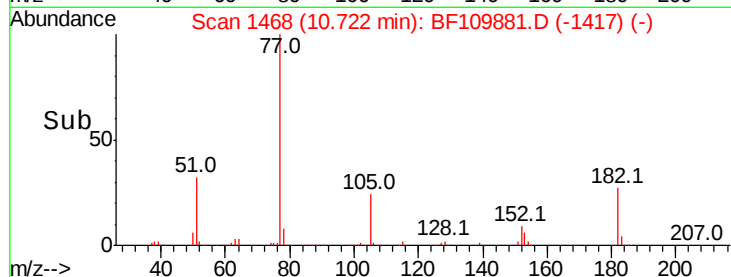
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

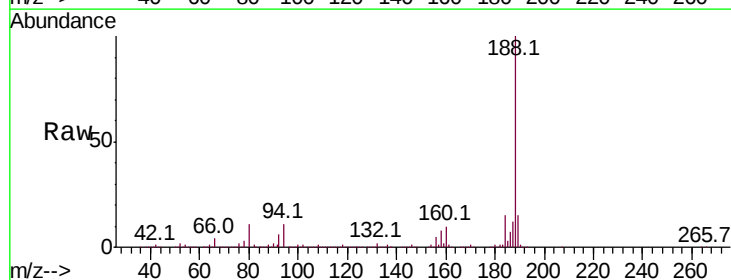
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.2	10.8
80	11.3	7.9	11.9

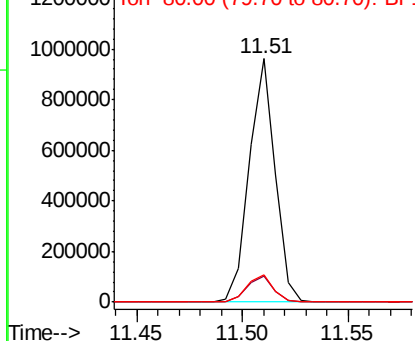
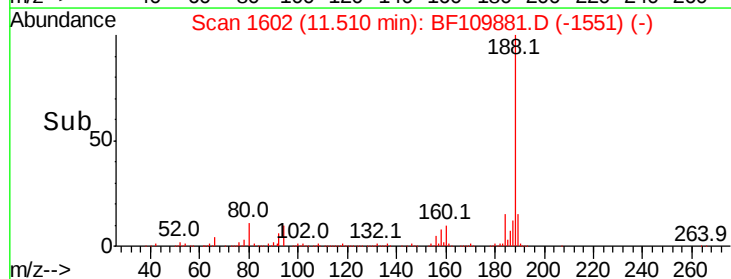


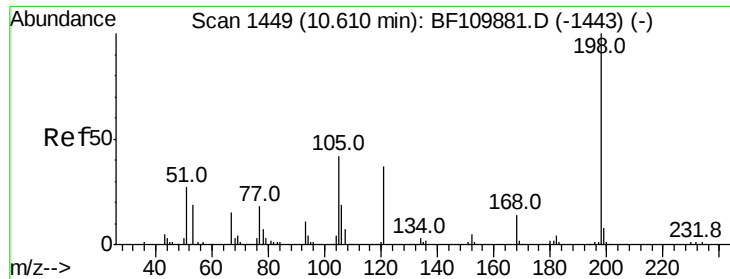
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





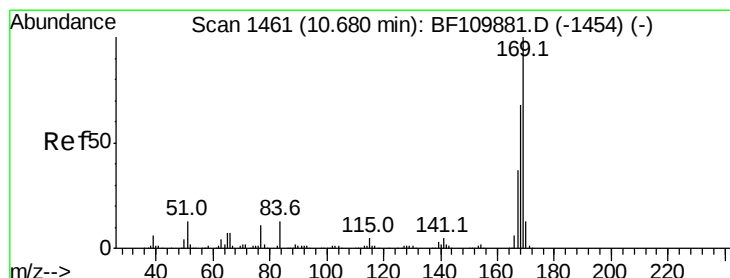
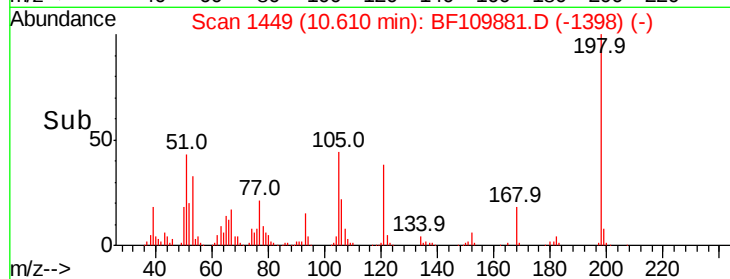
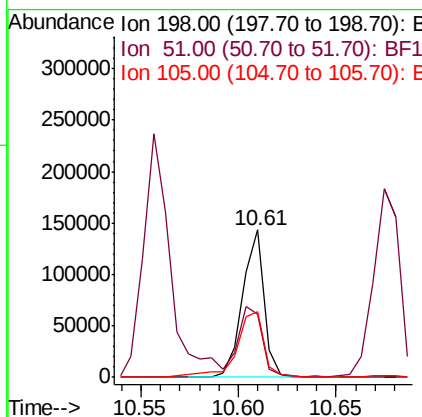
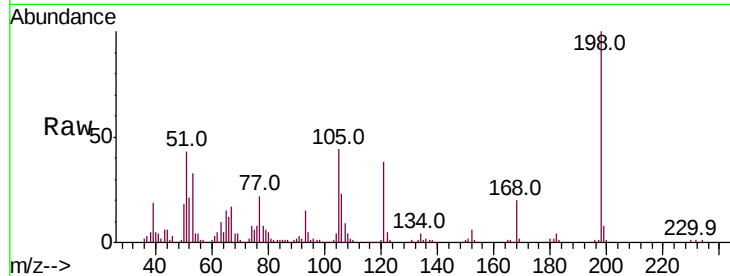
#65
4,6-Dinitro-2-methylphenol
Concen: 27.539 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	109739		
51	43.1		22.8	62.8
105	44.4		23.6	63.6

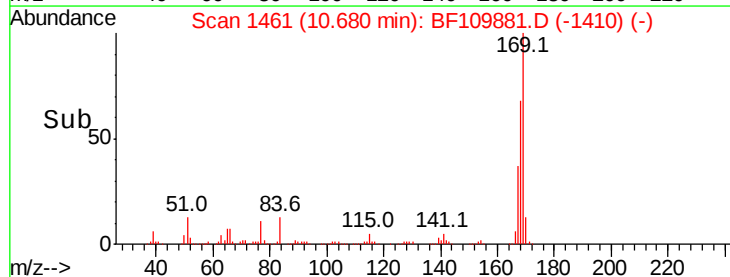
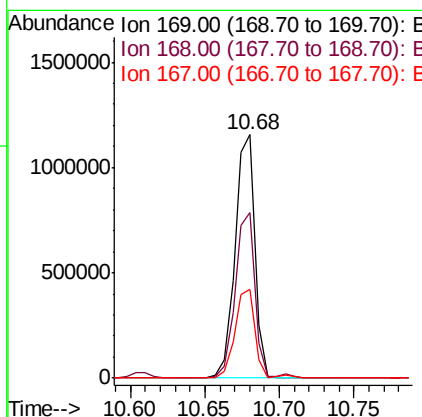
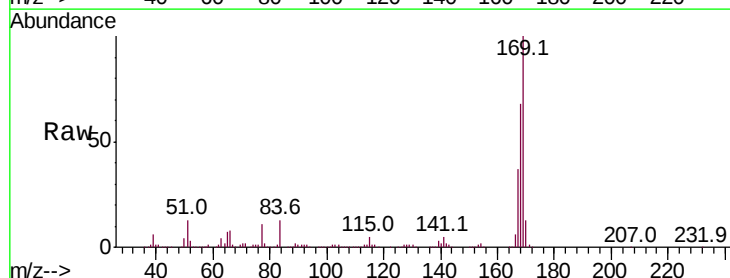
Manual Integrations
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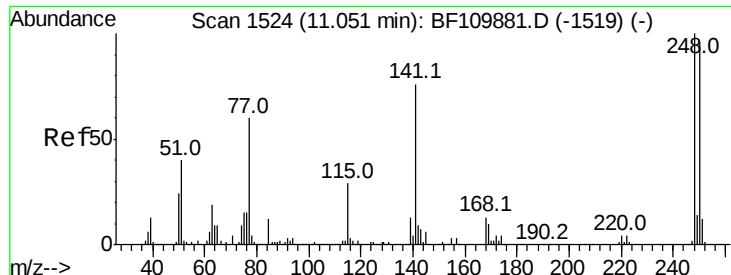
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 38.942 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1080821		
168	68.0		51.2	76.8
167	36.7		27.8	41.6





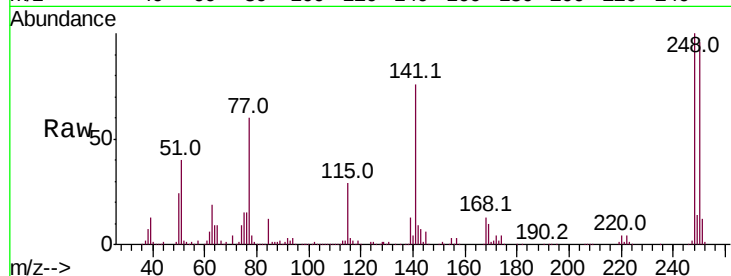
#67
4-Bromophenyl-phenylether
Concen: 37.999 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	79.4	119.2
141	76.5	55.9	83.9

Manual Integrations
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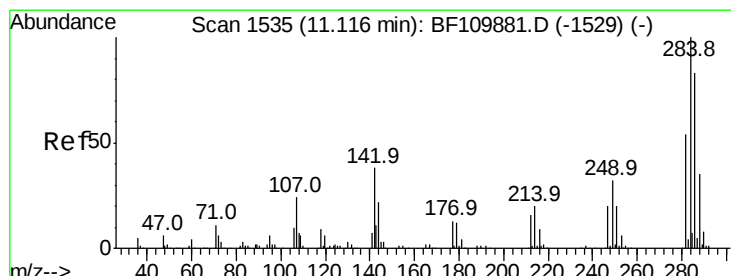
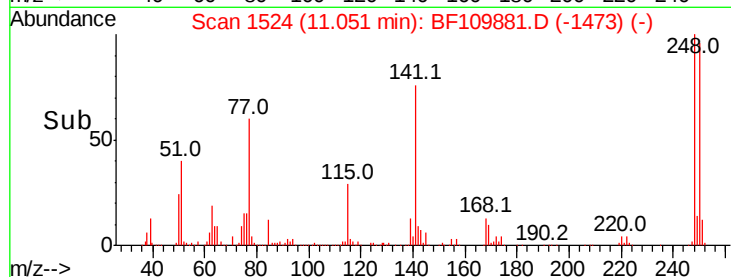
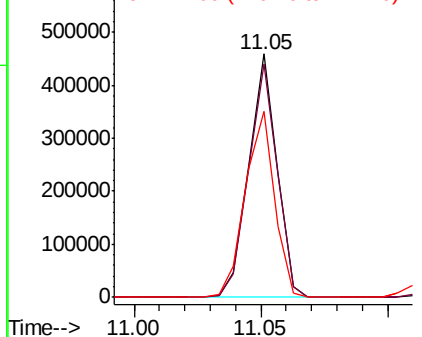


Abundance

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: 36.362 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

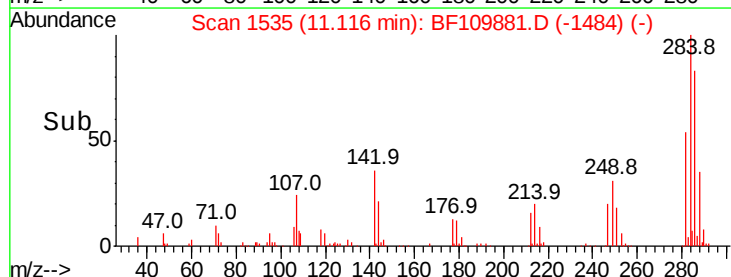
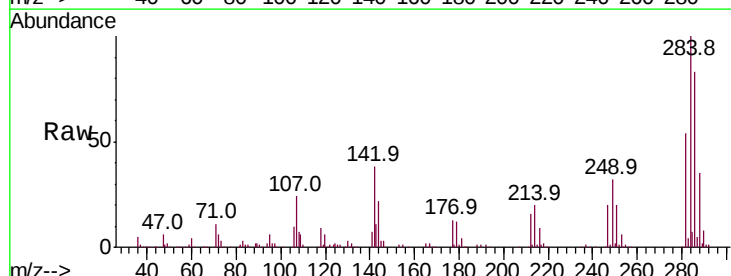
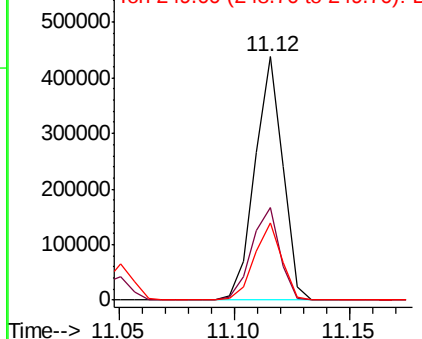
Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	23.9	35.9#
249	31.6	24.2	36.2

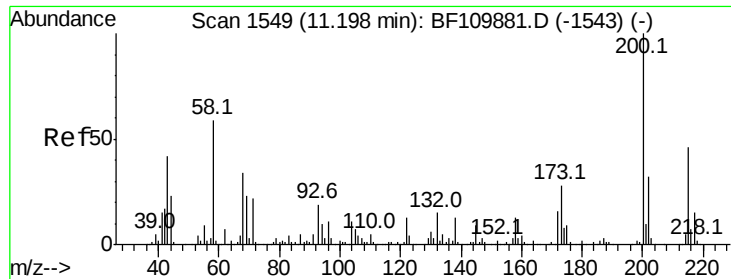
Abundance

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





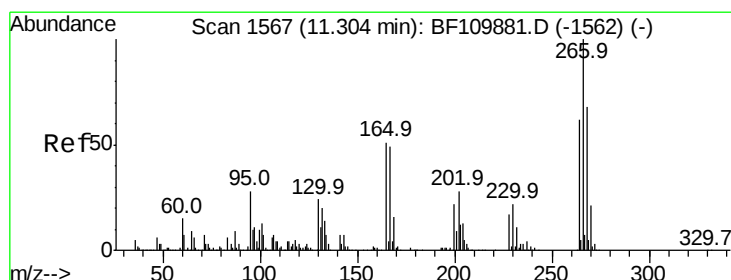
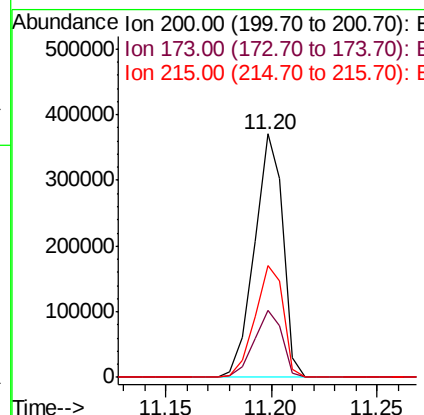
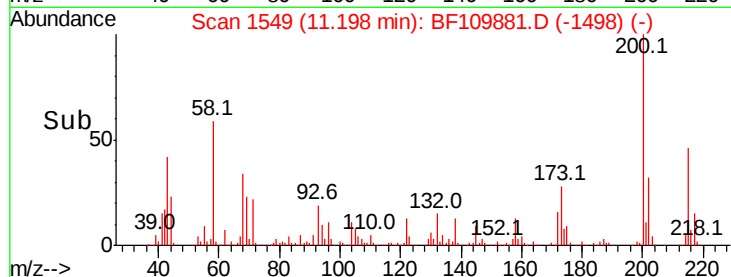
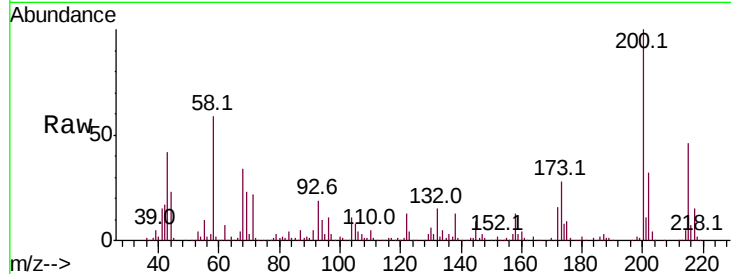
#69
Atrazine
Concen: 40.010 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.7	6.6	46.6
215	45.7	26.3	66.3

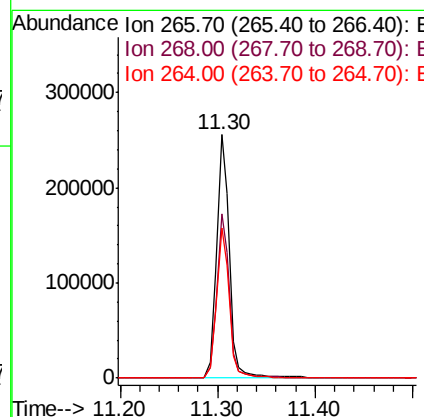
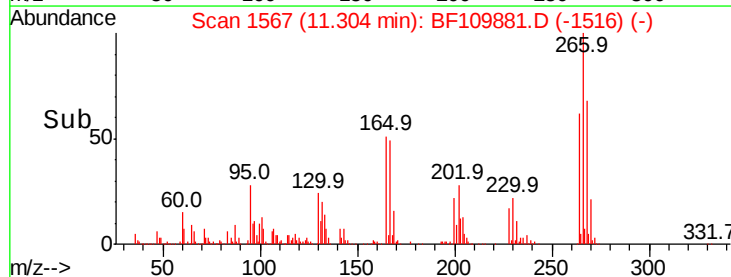
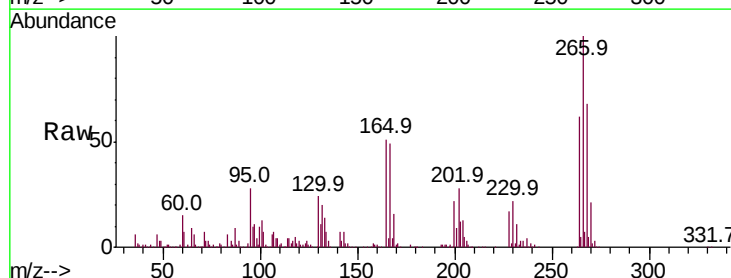
Manual Integrations
APPROVED

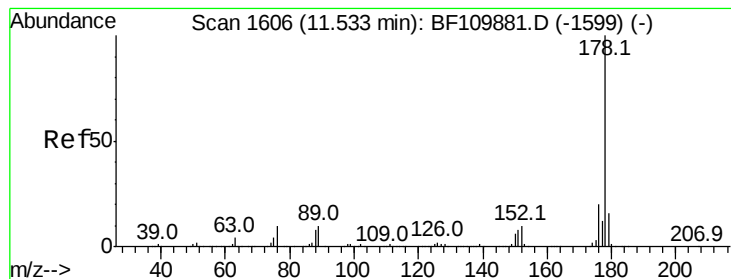
Sohil
10/16/2018 9:57:17 AM



#70
Pentachlorophenol
Concen: 40.521 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.7	50.6	75.8
264	61.7	50.6	75.8





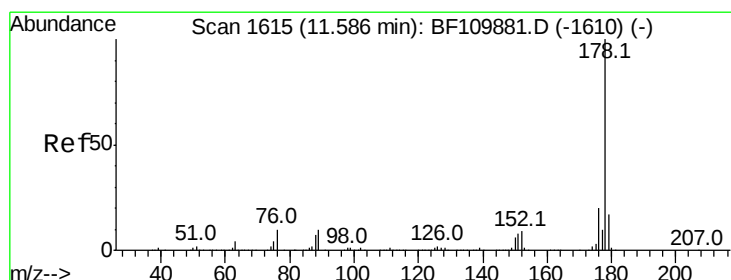
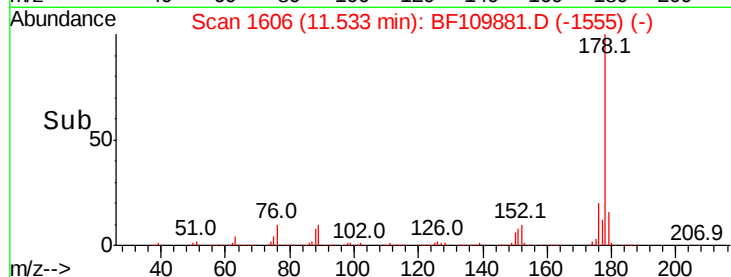
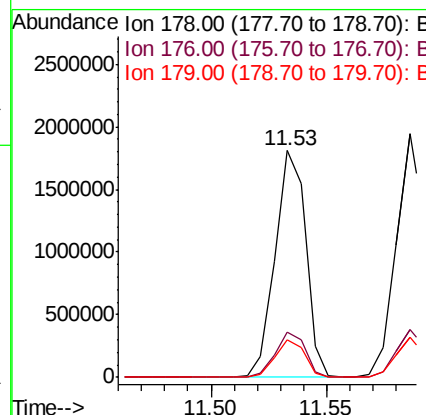
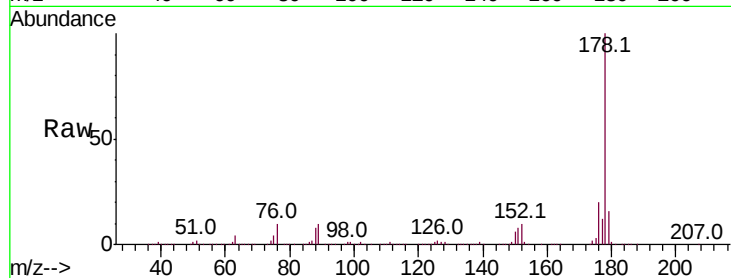
#71
Phenanthrene
Concen: 40.771 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	16.3	12.5	18.7

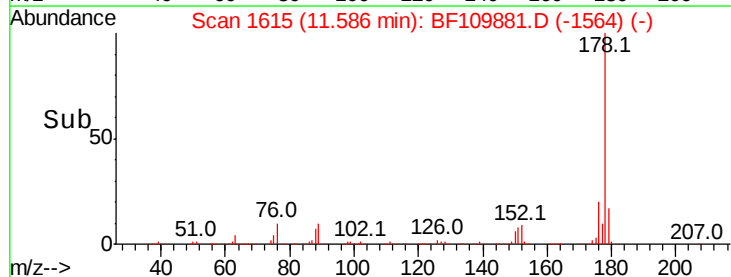
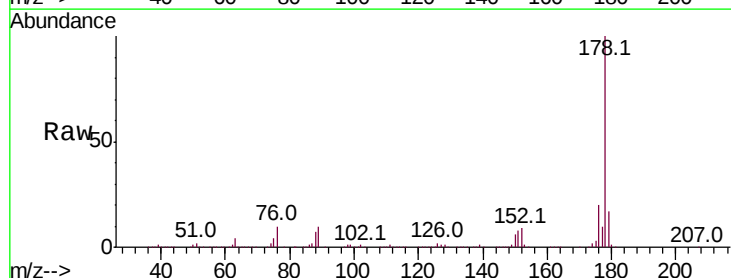
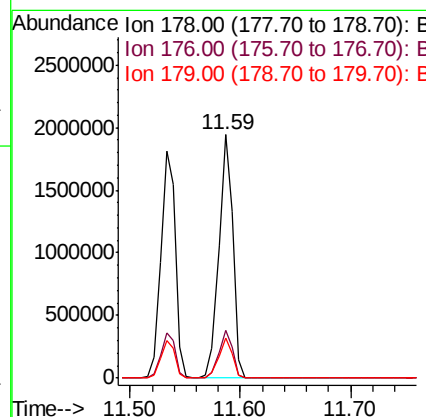
Manual Integrations
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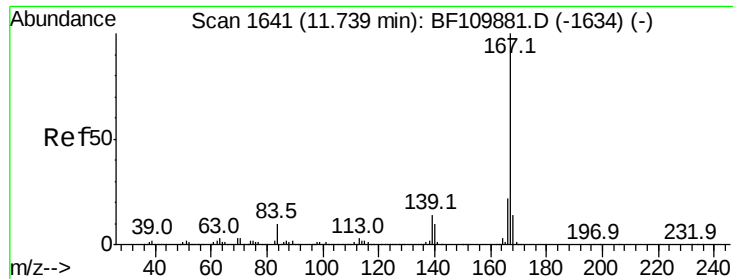
Sohil
10/16/2018 9:57:17 AM



#72
Anthracene
Concen: 39.628 ng
RT: 11.59 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.6	12.6	18.8





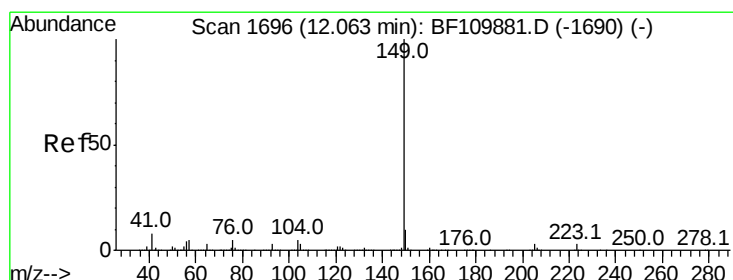
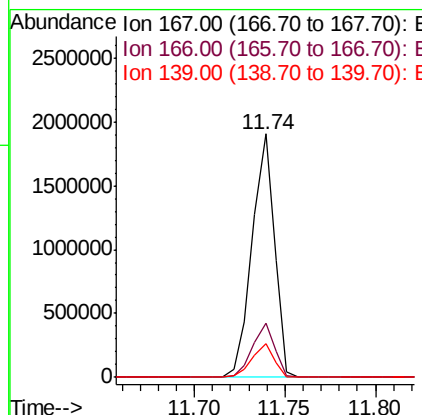
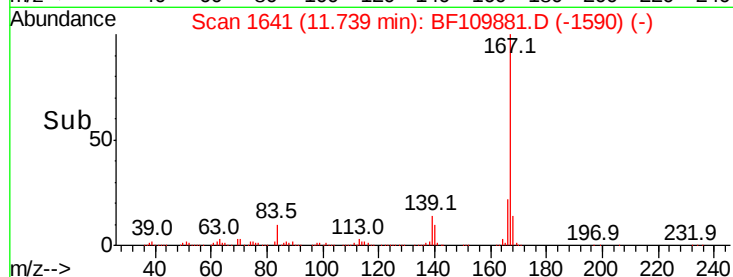
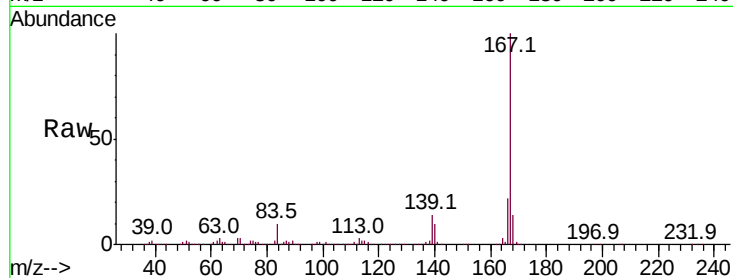
#73
 Carbazole
 Concen: 39.984 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.0
139	13.6	10.9	16.3

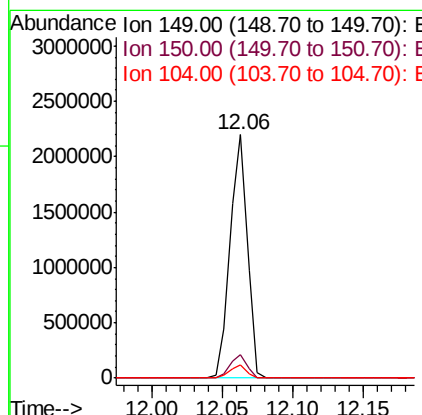
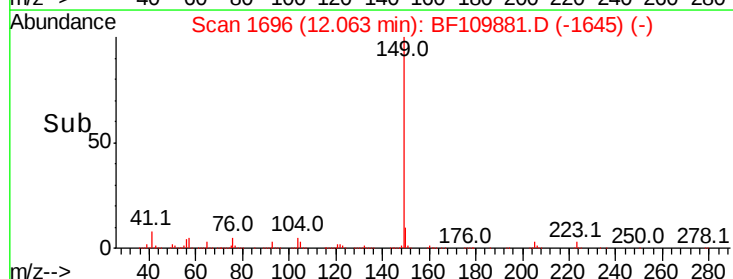
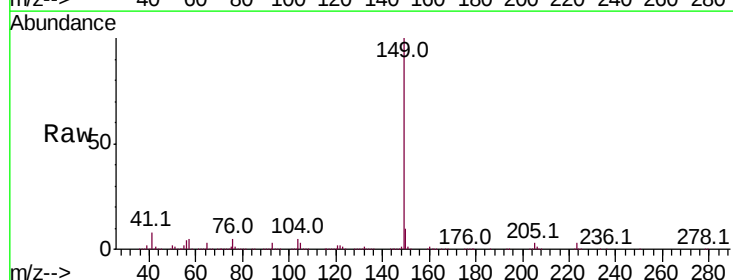
Manual Integrations
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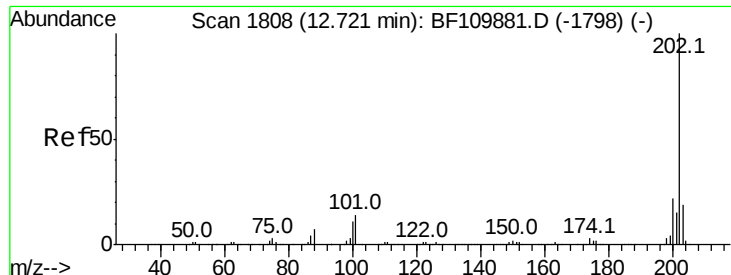
Sohil
 10/16/2018 9:57:17 AM



#74
 Di-n-butylphthalate
 Concen: 39.162 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.2	4.2	6.4





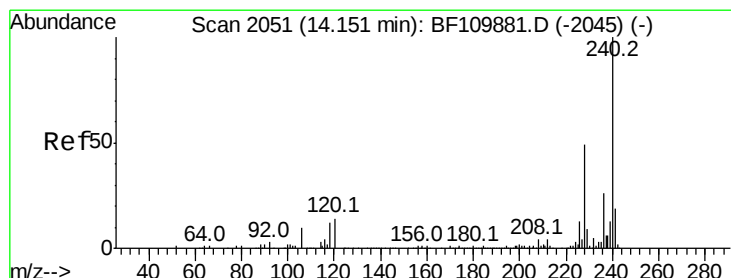
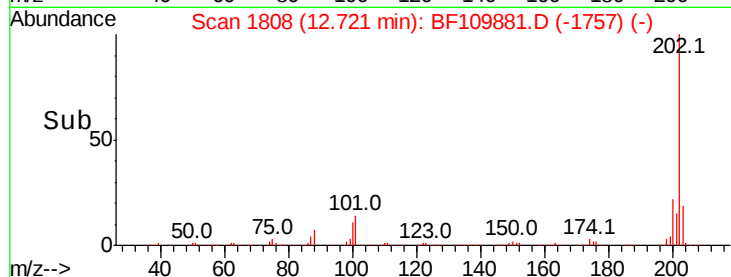
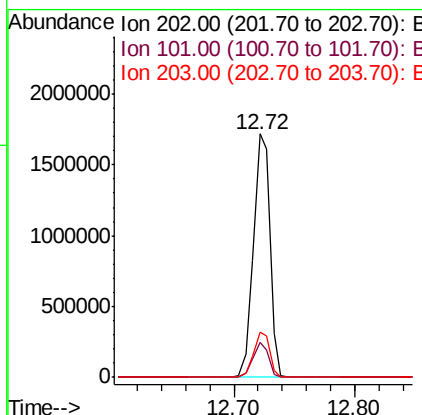
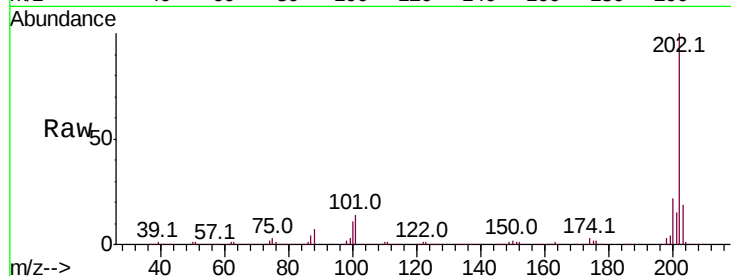
#75
Fluoranthene
 Concen: 38.502 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	31.4
203	18.6	0.0	37.7

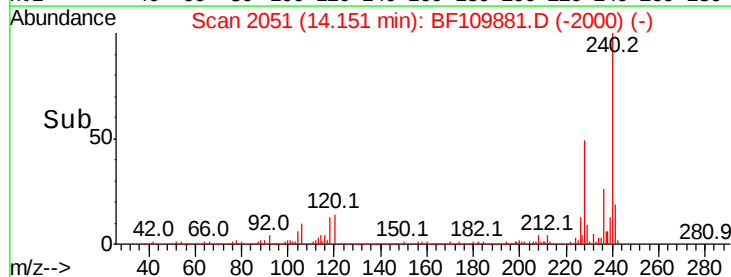
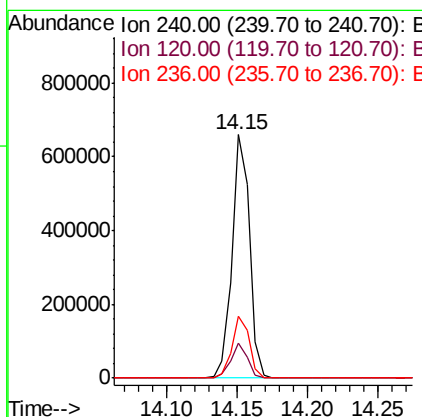
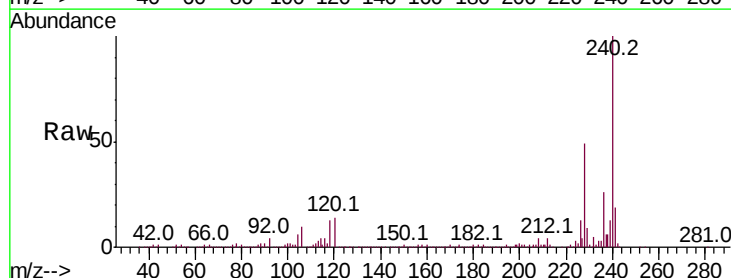
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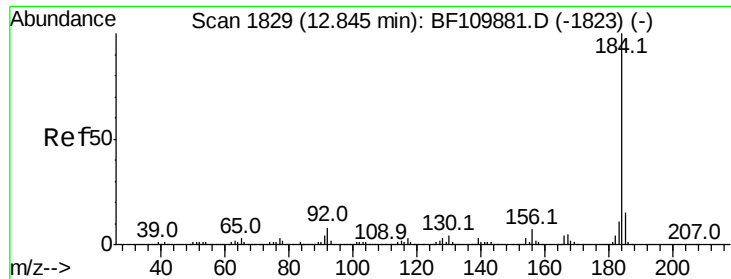
Sohil
 10/16/2018 9:57:17 AM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BF109881.D
 Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.4	8.3	12.5#
236	25.6	21.2	31.8





#77

Benzidine

Concen: 42.999 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

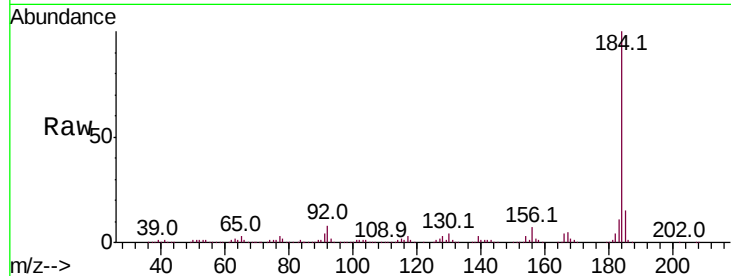
ClientSampleId :

SSTDICCC040

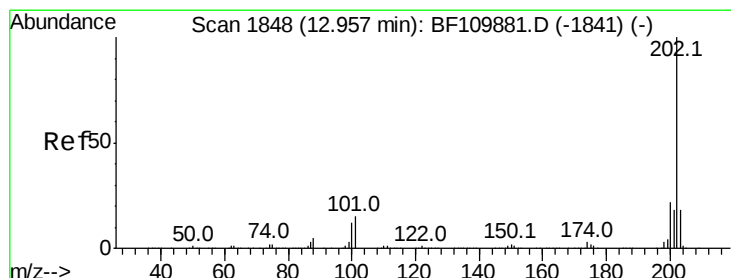
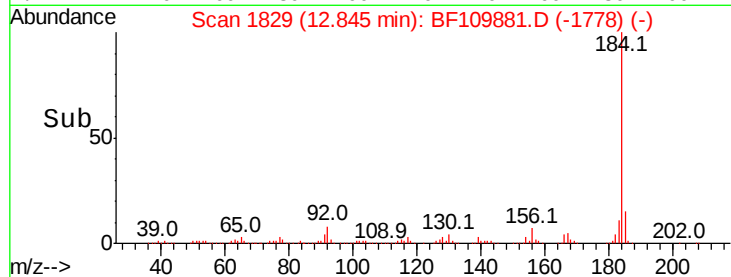
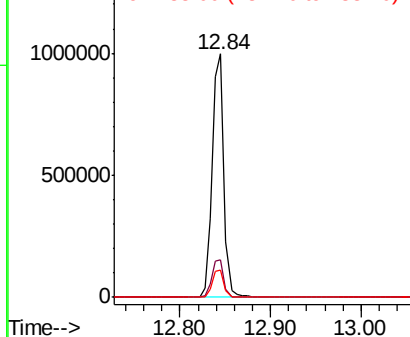
Tot Ion:	184	Resp:	906190
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.4	20.2
183	11.2	9.4	14.2

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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: 40.710 ng

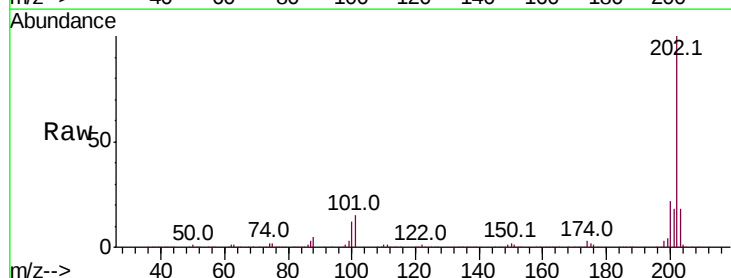
RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

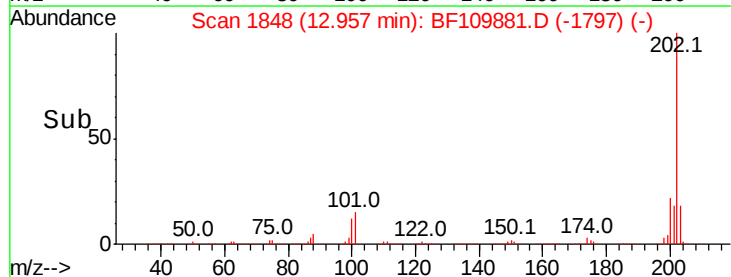
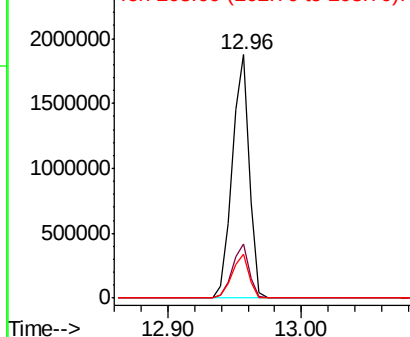
Lab File: BF109881.D

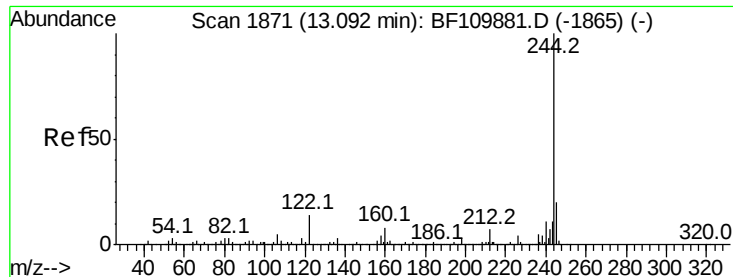
Acq: 15 Oct 2018 16:12

Tgt Ion:	202	Resp:	1692147
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.8	26.6
203	18.0	14.2	21.4



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: 73.035 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:244 Resp: 2140374

Ion Ratio Lower Upper

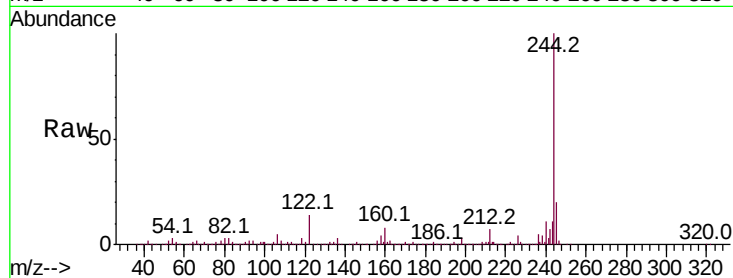
244 100

212 7.2 5.8 8.8

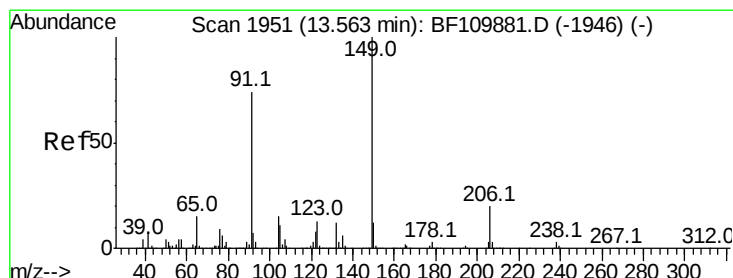
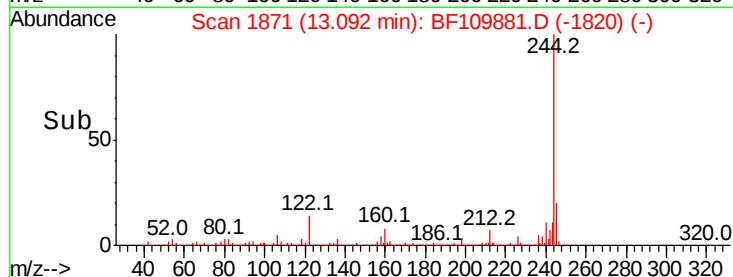
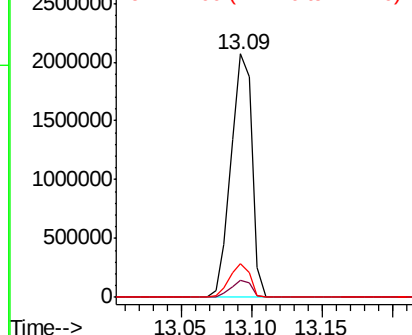
122 13.8 8.7 13.1#

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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: 39.165 ng

RT: 13.56 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

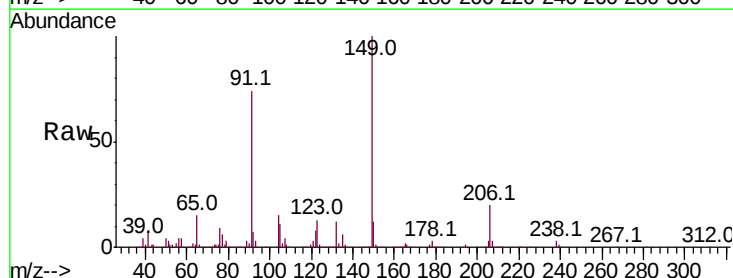
Tgt Ion:149 Resp: 705789

Ion Ratio Lower Upper

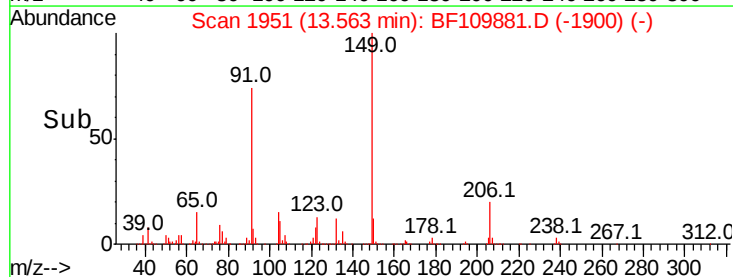
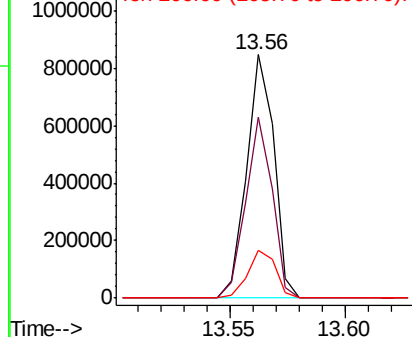
149 100

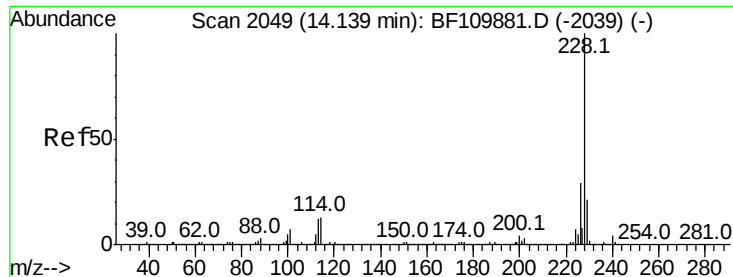
91 74.2 57.2 85.8

206 19.5 15.7 23.5



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: 42.027 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:228 Resp: 1315748

Ion Ratio Lower Upper

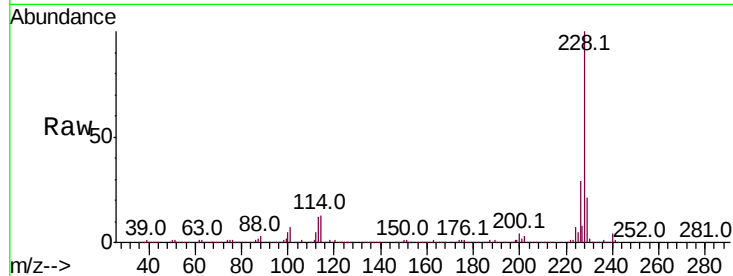
228 100

226 28.7 22.1 33.1

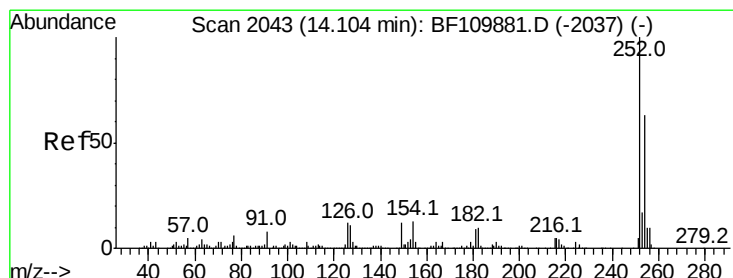
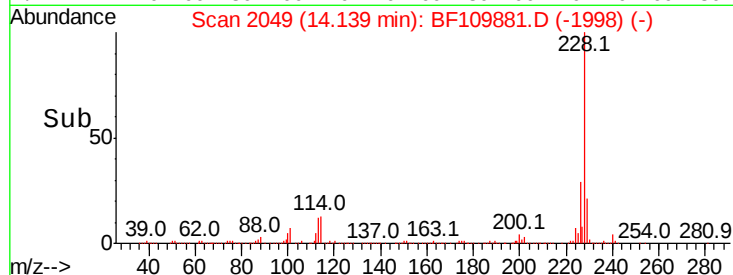
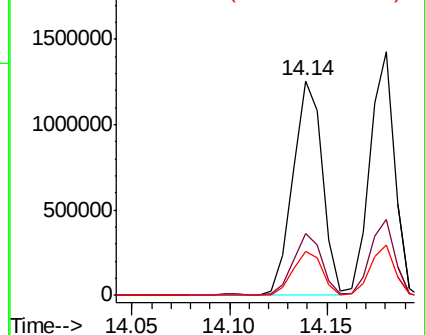
229 20.5 15.6 23.4

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



#82

3,3'-Dichlorobenzidine

Concen: 38.029 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BF109881.D

Acq: 15 Oct 2018 16:12

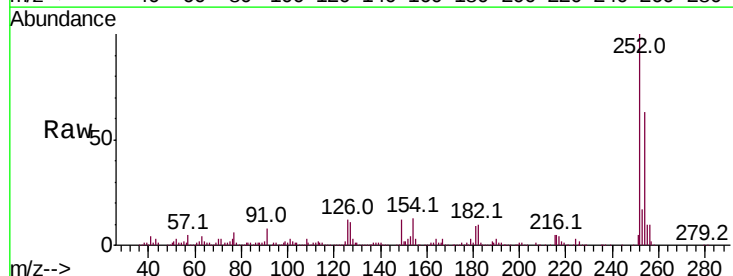
Tgt Ion:252 Resp: 479396

Ion Ratio Lower Upper

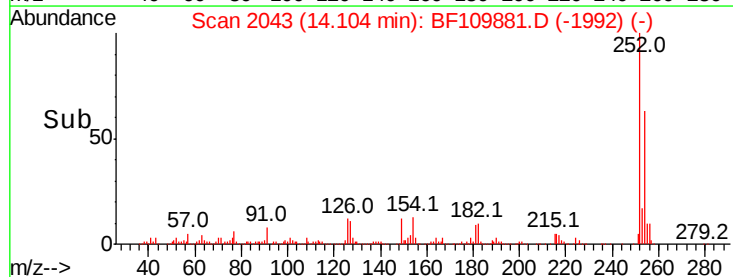
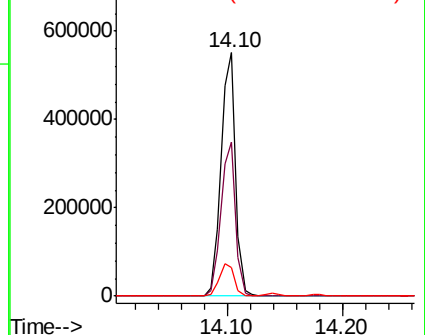
252 100

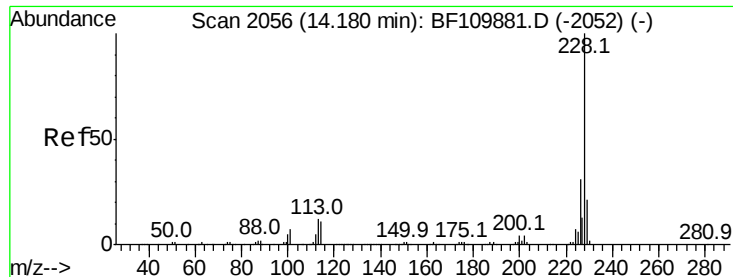
254 63.1 51.3 76.9

126 11.9 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





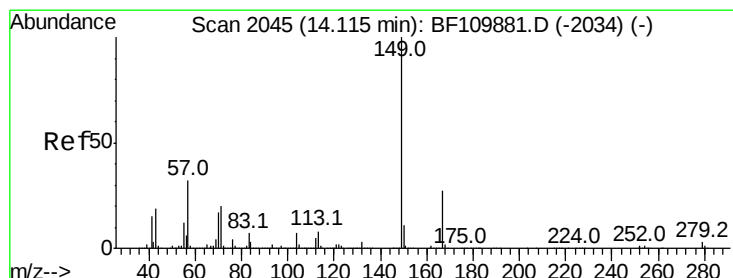
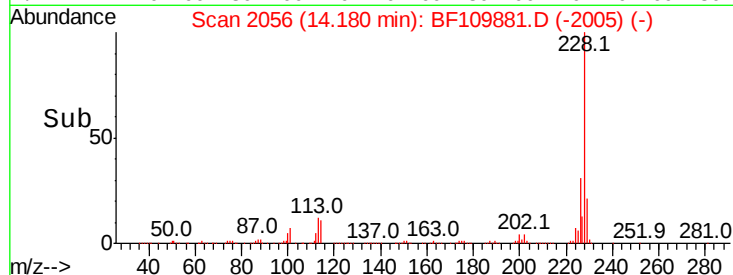
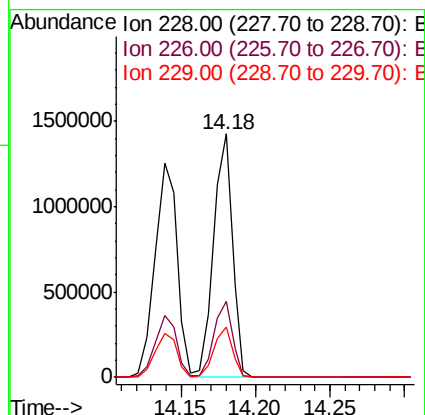
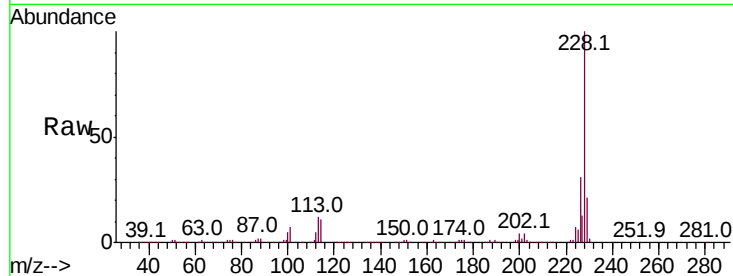
#83
Chrysene
Concen: 38.143 ng
RT: 14.18 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.7	37.1
229	20.6	15.9	23.9

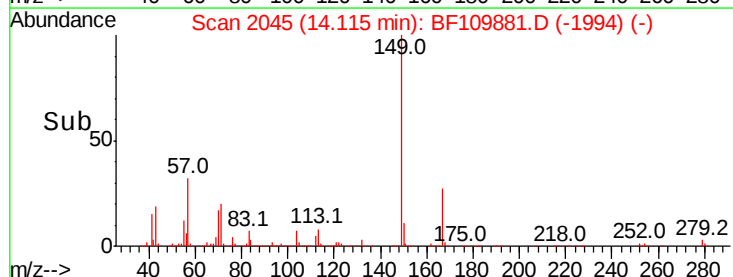
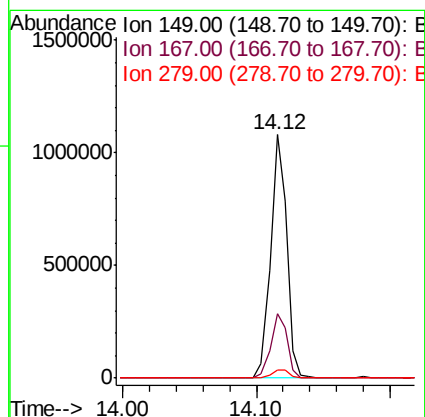
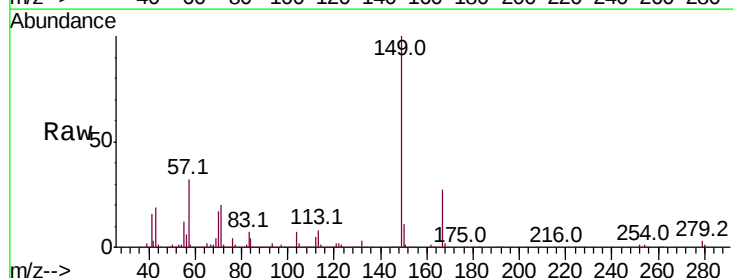
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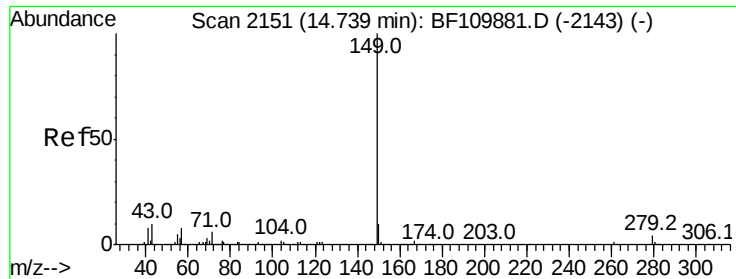
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.198 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	19.8	29.8
279	3.4	2.7	4.1





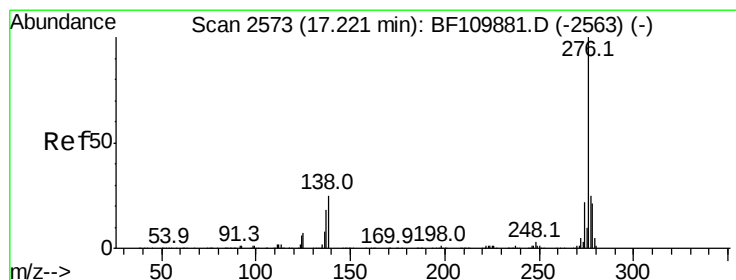
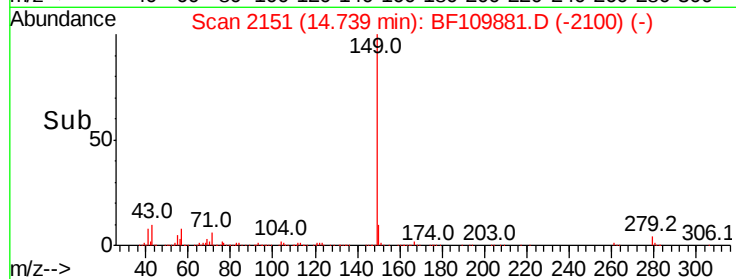
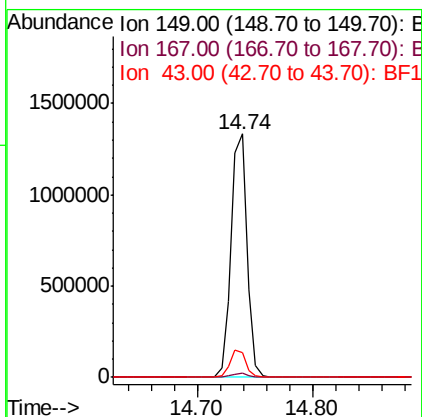
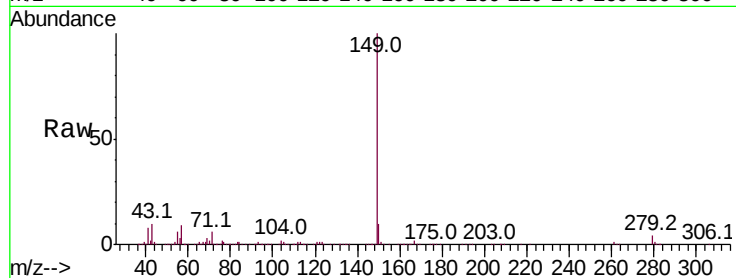
#85
Di-n-octyl phthalate
Concen: 36.787 ng
RT: 14.74 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.9	7.8	11.8

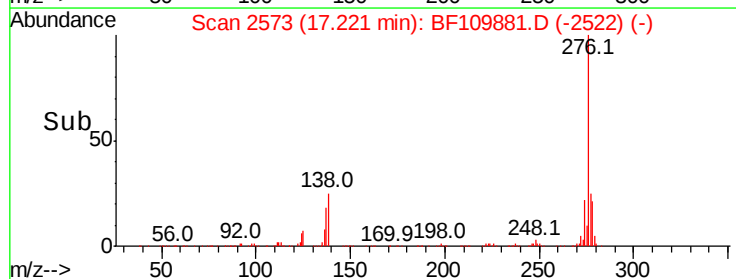
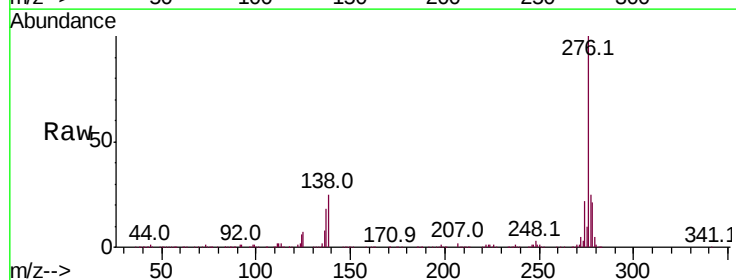
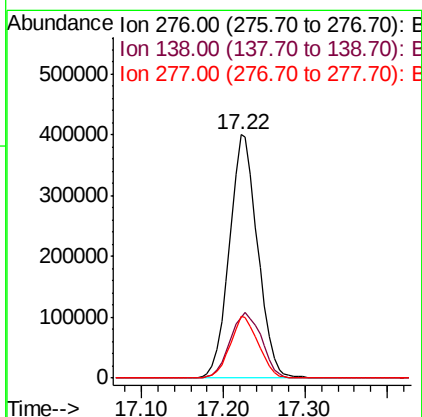
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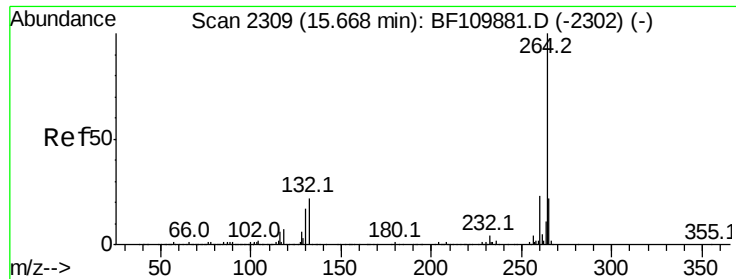
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.968 ng
RT: 17.22 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.2	18.5	27.7#
277	25.5	20.0	30.0





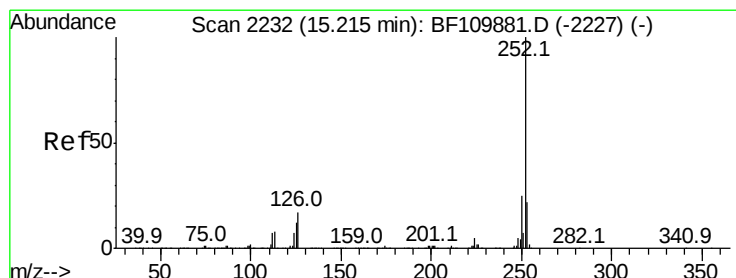
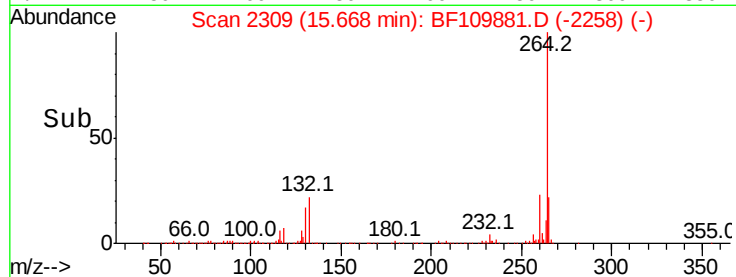
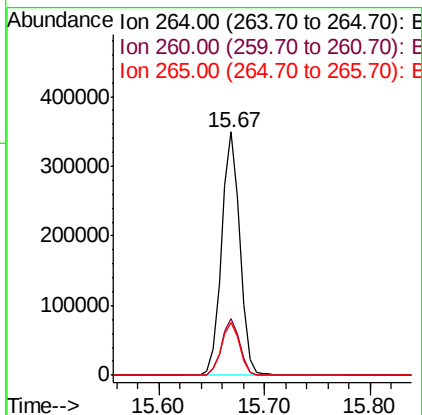
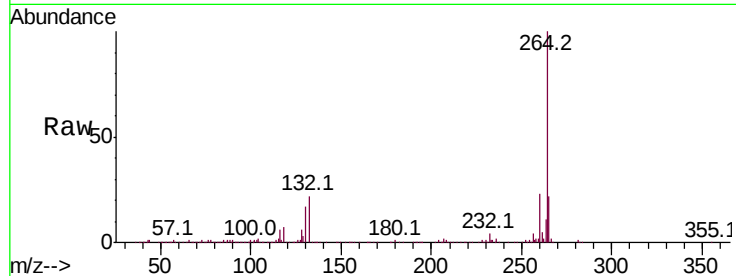
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.8	16.7	25.1

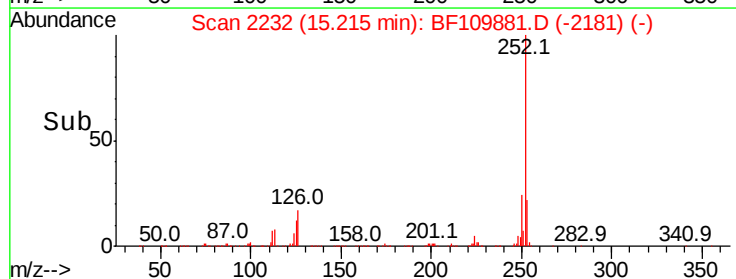
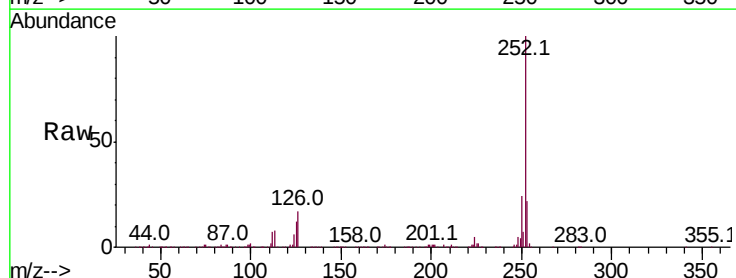
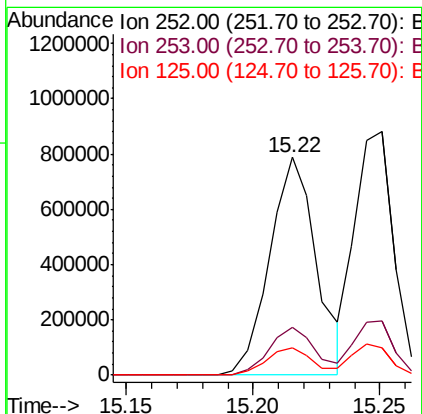
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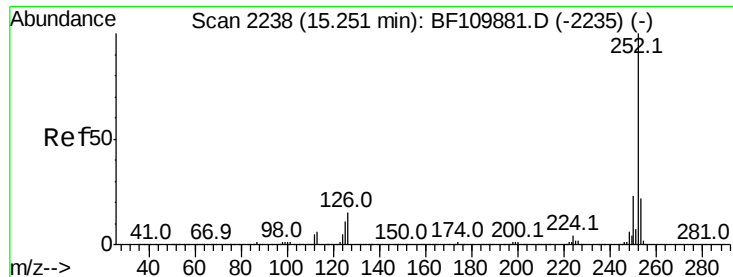
Sohil
10/16/2018 9:57:17 AM



#88
Benzo(b)fluoranthene
Concen: 43.806 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	12.3	8.2	12.4





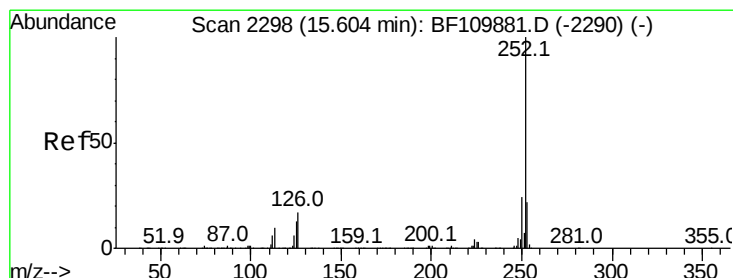
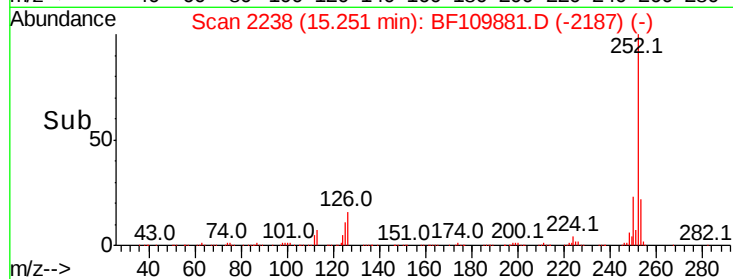
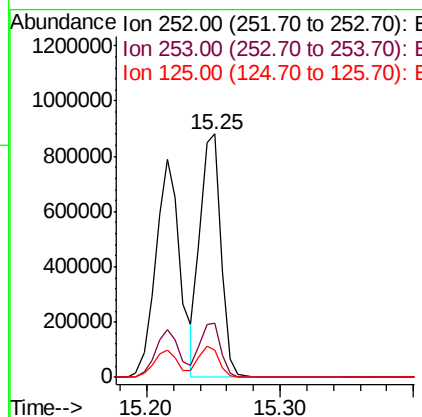
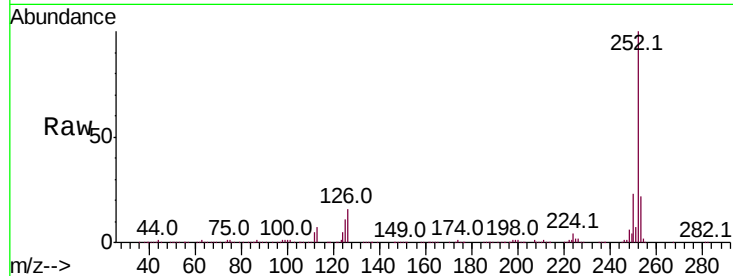
#89
Benzo(k)fluoranthene
Concen: 40.441 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	11.4	7.4	11.0

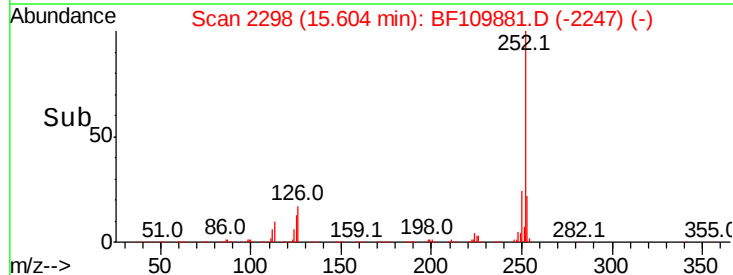
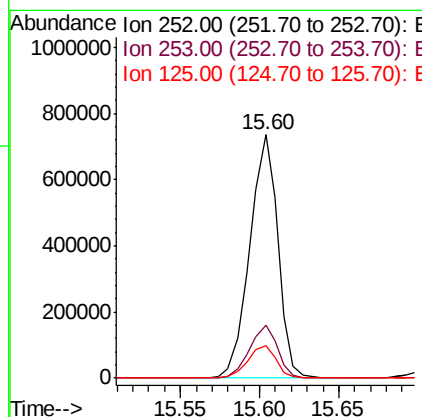
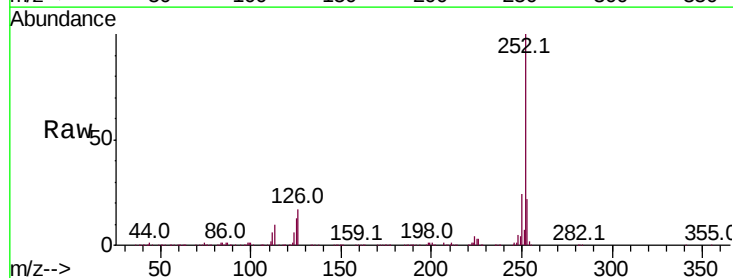
Manual Integrations
APPROVED

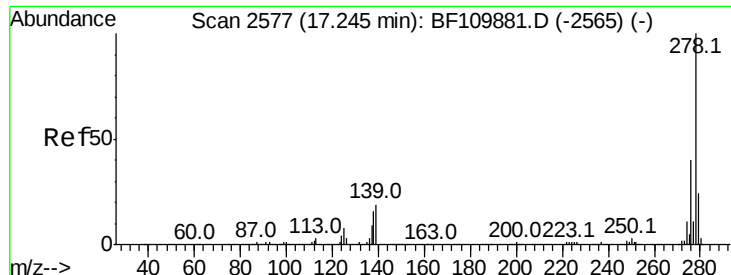
Sohil
10/16/2018 9:57:17 AM



#90
Benzo(a)pyrene
Concen: 43.024 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	13.2	9.0	13.6





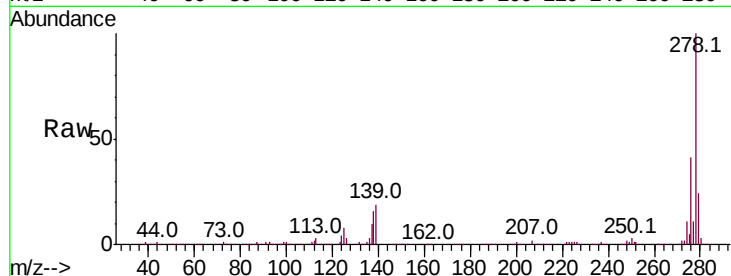
#91
Dibenzo(a,h)anthracene
Concen: 46.925 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.1	12.7	19.1#
279	24.1	19.0	28.4

Manual Integrations
APPROVED

Sohil
10/16/2018 9:57:17 AM

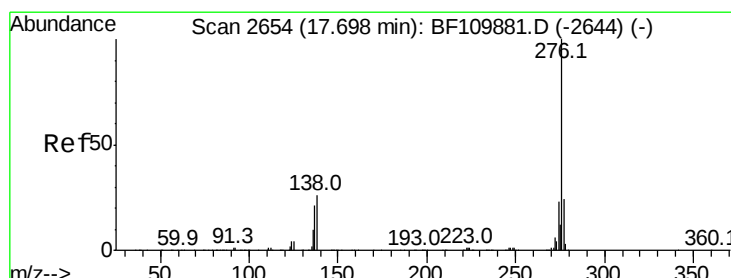
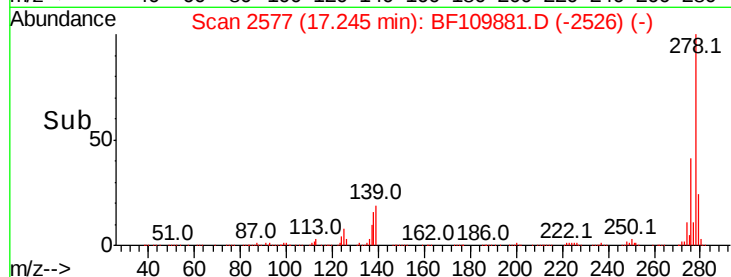
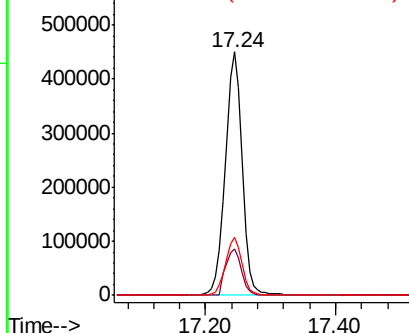


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.588 ng
RT: 17.70 min Scan# 2654
Delta R.T. 0.00 min
Lab File: BF109881.D
Acq: 15 Oct 2018 16:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	25.6	16.0	24.0#

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

