

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104535.D
 Acq On : 16 Apr 2018 16:13
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 4/17/2018 10:08:53 AM

Quant Time: Apr 16 16:49:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	157448	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	652898	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	309799	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	579496	20.00	ng	0.00
75) Chrysene-d12	13.99	240	427010	20.00	ng	0.00
86) Perylene-d12	15.46	264	336445	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	759014	73.71	ng	0.00
7) Phenol-d6	6.45	99	937404	74.09	ng	0.00
23) Nitrobenzene-d5	7.38	82	845099	84.52	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	256767	79.90	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1402792	71.53	ng	0.00
78) Terphenyl-d14	12.93	244	1396594	74.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	184044	38.358	ng	89
3) Pyridine	3.26	79	462347	34.274	ng	88
4) n-Nitrosodimethylamine	3.22	42	152661	32.374	ng	80
6) Aniline	6.47	93	621197	35.341	ng	100
8) 2-Chlorophenol	6.60	128	419217	38.573	ng	96
9) Benzaldehyde	6.36	77	241385	36.704	ng	96
10) Phenol	6.46	94	519222	38.679	ng	86
11) bis(2-Chloroethyl)ether	6.55	93	411805	38.442	ng	95
12) 1,3-Dichlorobenzene	6.75	146	463404	37.637	ng	99
13) 1,4-Dichlorobenzene	6.83	146	471581	38.423	ng	99
14) 1,2-Dichlorobenzene	6.98	146	428125	37.641	ng	98
15) Benzyl Alcohol	6.96	79	344859	35.888	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	537019	37.328	ng	89
17) 2-Methylphenol	7.07	107	357534	37.845	ng	98
18) Hexachloroethane	7.32	117	172528	39.426	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	278994	33.746	ng	96
20) 3+4-Methylphenols	7.23	107	409628	34.961	ng	# 69
22) Acetophenone	7.22	105	565279	35.167	ng	95
24) Nitrobenzene	7.40	77	448451	40.623	ng	99
25) Isophorone	7.63	82	780287	36.904	ng	98
26) 2-Nitrophenol	7.71	139	233252	51.902	ng	98
27) 2,4-Dimethylphenol	7.75	122	335190	35.921	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	487795	37.733	ng	99
29) 2,4-Dichlorophenol	7.96	162	338294	37.995	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	366019	37.459	ng	99
31) Naphthalene	8.12	128	1202808	36.997	ng	100
32) Benzoic acid	7.89	122	285238	38.311	ng	97
33) 4-Chloroaniline	8.17	127	523693	37.600	ng	98
34) Hexachlorobutadiene	8.23	225	201765	37.698	ng	99
35) Caprolactam	8.55	113	122648	39.487	ng	# 86
36) 4-Chloro-3-methylphenol	8.66	107	370913	38.851	ng	97
37) 2-Methylnaphthalene	8.81	142	785193	37.338	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	340647	38.412	ng	99
40) Hexachlorocyclopentadiene	8.96	237	181115	36.480	ng	98

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 BNA_F
 ClientSampleID :
 SSTDC040EC

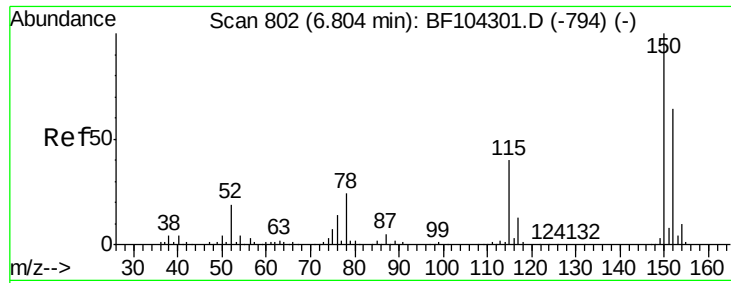
Manual Integrations
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 4/17/2018 10:08:53 AM

Quant Time: Apr 16 16:49:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	239638	38.926	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	268297	38.946	nq	96
45) 1,1'-Biphenyl	9.27	154	961793	36.956	nq	100
46) 2-Chloronaphthalene	9.30	162	763962	37.164	nq	100
47) 2-Nitroaniline	9.40	65	244203	48.037	nq	98
48) Acenaphthylene	9.72	152	1192038	36.959	nq	100
49) Dimethylphthalate	9.58	163	936388	38.329	nq	99
50) 2,6-Dinitrotoluene	9.64	165	207529	45.908	nq	98
51) Acenaphthene	9.89	154	693980	35.266	nq	99
52) 3-Nitroaniline	9.82	138	242162	45.758	nq	92
53) 2,4-Dinitrophenol	9.92	184	82704	53.187	nq #	22
54) Dibenzofuran	10.06	168	992138	36.178	nq	99
55) 4-Nitrophenol	9.97	139	180440	43.405	nq	97
56) 2,4-Dinitrotoluene	10.05	165	275815	46.515	nq	98
57) Fluorene	10.40	166	770481	38.599	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	196734	38.279	nq	95
59) Diethylphthalate	10.27	149	919254	37.782	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	351012	39.485	nq	99
61) 4-Nitroaniline	10.43	138	237606	45.918	nq	97
62) Azobenzene	10.56	77	854782	36.772	nq	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	134660	47.757	nq	83
65) n-Nitrosodiphenylamine	10.52	169	716329	35.651	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	229528	37.237	nq	91
67) Hexachlorobenzene	10.95	284	260298	37.530	nq	93
68) Atrazine	11.05	200	226428	37.334	nq	99
69) Pentachlorophenol	11.15	266	152795	35.610	nq	96
70) Phenanthrene	11.37	178	1144094	35.452	nq	99
71) Anthracene	11.42	178	1152000	35.117	nq	100
72) Carbazole	11.58	167	1132894	35.341	nq	99
73) Di-n-butylphthalate	11.90	149	1425627	36.407	nq	99
74) Fluoranthene	12.56	202	1196123	35.475	nq	97
76) Benzidine	12.68	184	304185m	16.926	nq	
77) Pyrene	12.79	202	1222420	38.621	nq	100
79) Butylbenzylphthalate	13.40	149	604301	40.526	nq	98
80) Benzo(a)anthracene	13.98	228	989682	38.796	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	331956	34.900	nq	99
82) Chrysene	14.02	228	959078	36.602	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	804057	41.922	nq	99
84) Di-n-octyl phthalate	14.59	149	1195447	37.302	nq	96
85) Indeno(1,2,3-cd)pyrene	16.92	276	795049	35.718	nq	99
87) Benzo(b)fluoranthene	15.03	252	802596	37.770	nq	98
88) Benzo(k)fluoranthene	15.06	252	808580	40.306	nq	98
89) Benzo(a)pyrene	15.40	252	726554	38.214	nq	98
90) Dibenzo(a,h)anthracene	16.94	278	658088	42.144	nq	98
91) Benzo(g,h,i)perylene	17.37	276	678964	44.880	nq	97

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



#1

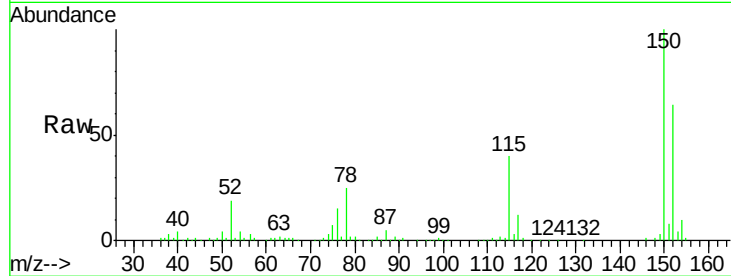
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	62.8	50.1	75.1

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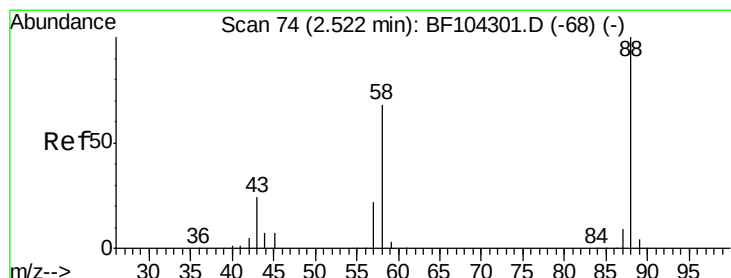
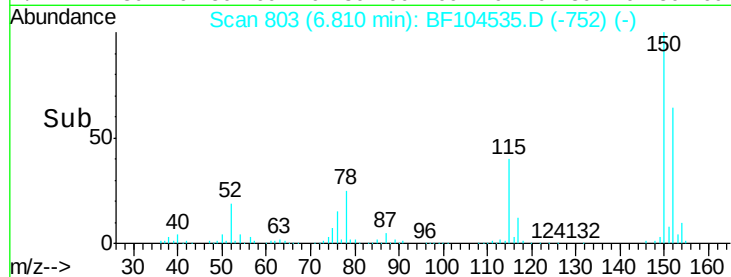
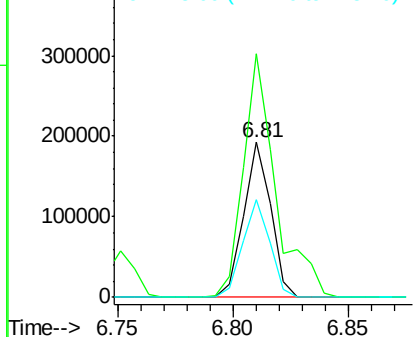


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

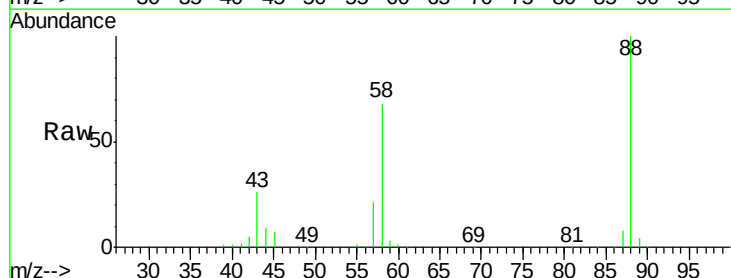
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.358 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	62.6	93.8
43	25.3	24.6	37.0

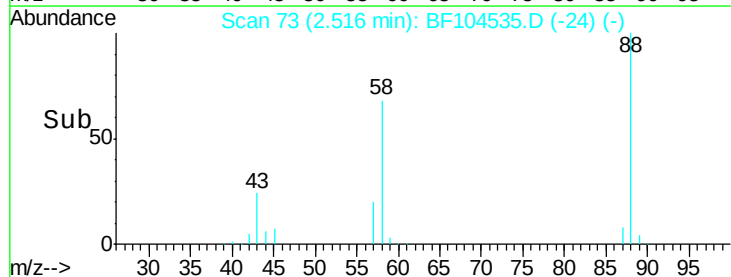
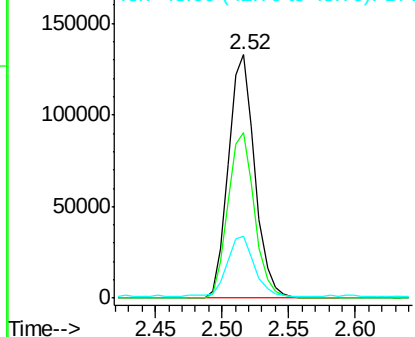


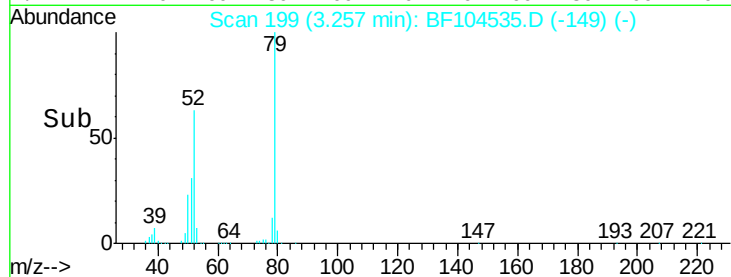
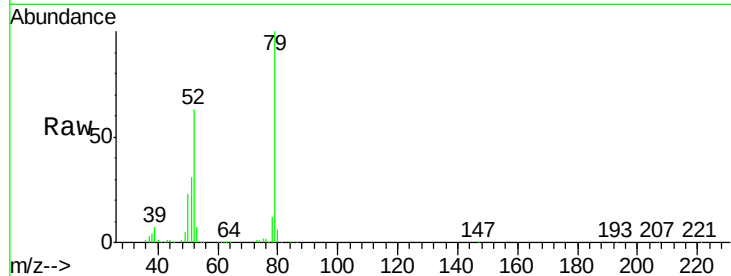
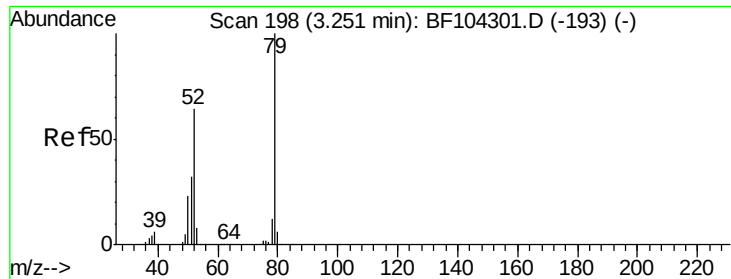
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





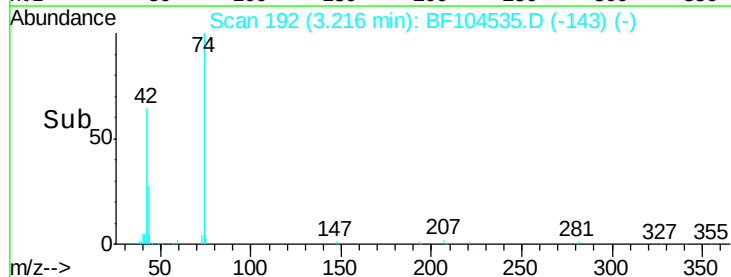
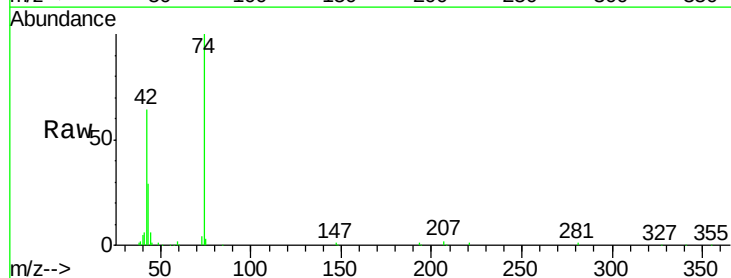
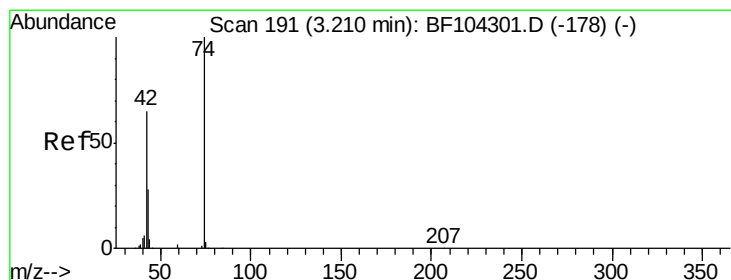
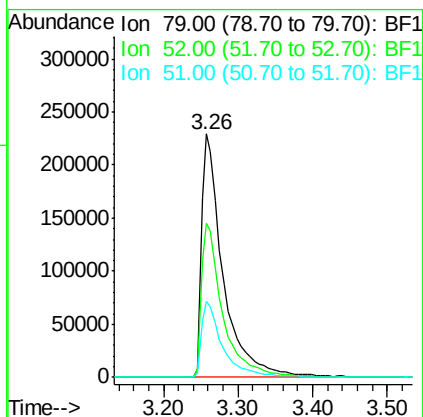
#3
Pvridine
Concen: 34.274 ng
RT: 3.26 min Scan# 199
Delta R.T. -0.01 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.5	59.8	89.6
51	31.1	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

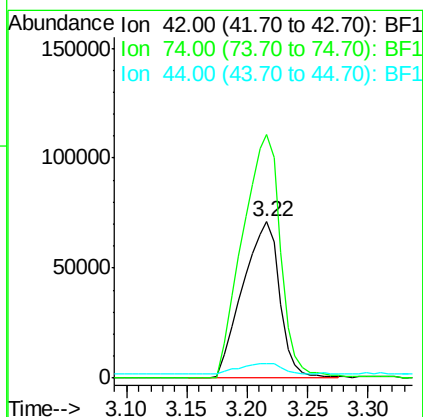
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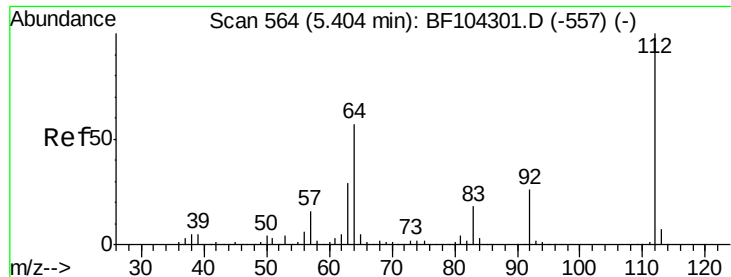
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#4
n-Nitrosodimethylamine
Concen: 32.374 ng
RT: 3.22 min Scan# 192
Delta R.T. -0.01 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.8	104.9	157.3
44	9.1	6.9	10.3





#5

2-Fluorophenol

Concen: 73.712 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

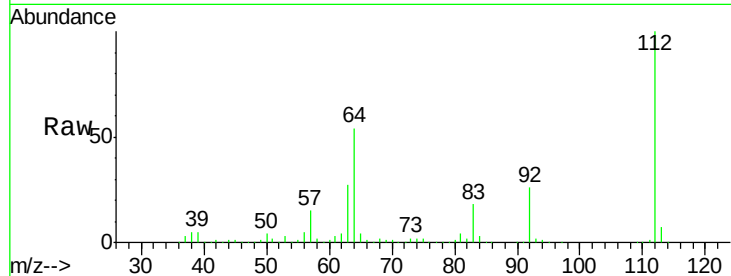
ClientSampleId :

SSTDCCC040EC

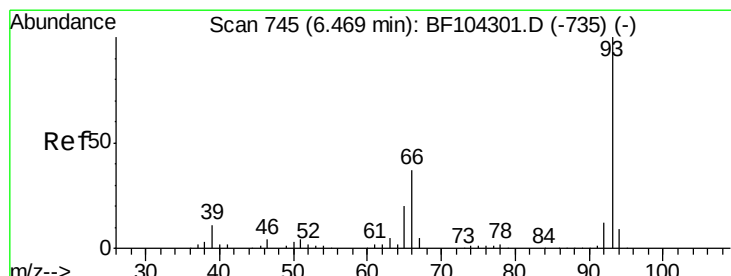
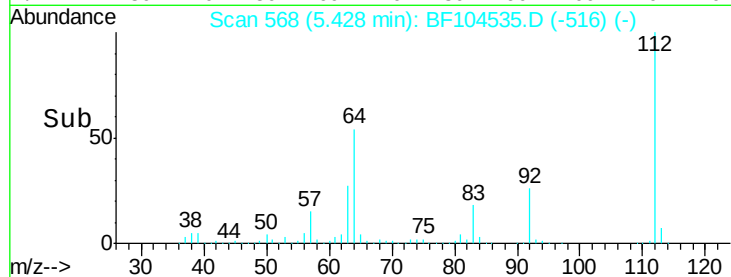
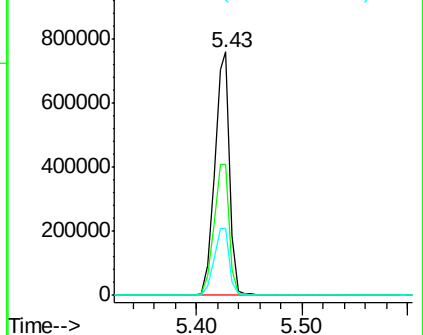
Tot Ion:	112	Resp:	759014
Ion Ratio	Lower	Upper	
112	100		
64	54.0	47.9	71.9
63	27.3	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.341 ng

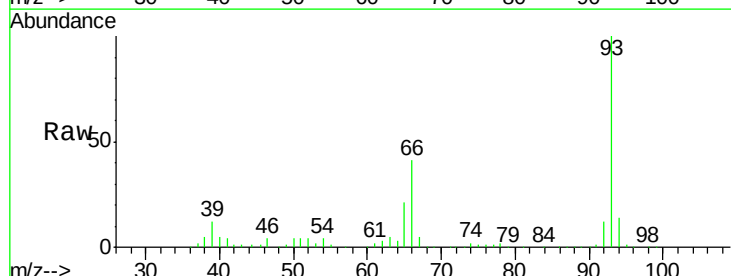
RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

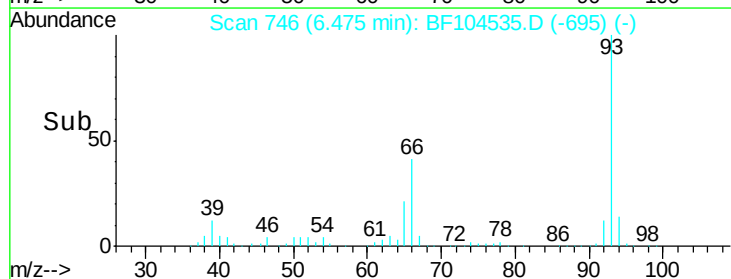
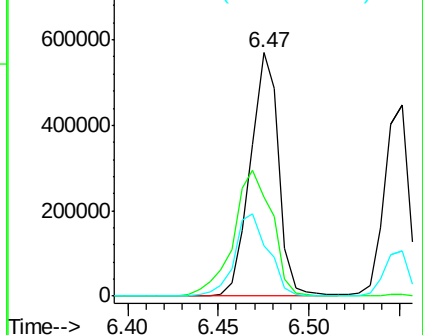
Lab File: BF104535.D

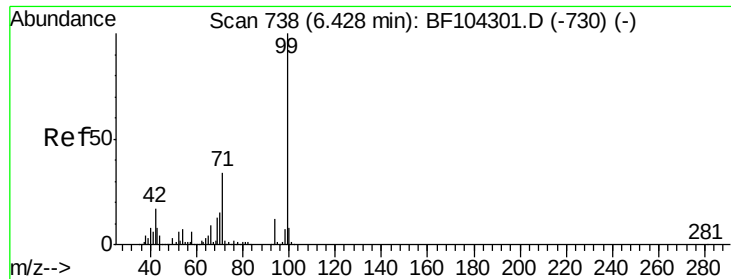
Acq: 16 Apr 2018 16:13

Tgt Ion:	93	Resp:	621197
Ion Ratio	Lower	Upper	
93	100		
66	40.6	32.2	48.2
65	20.6	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.093 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

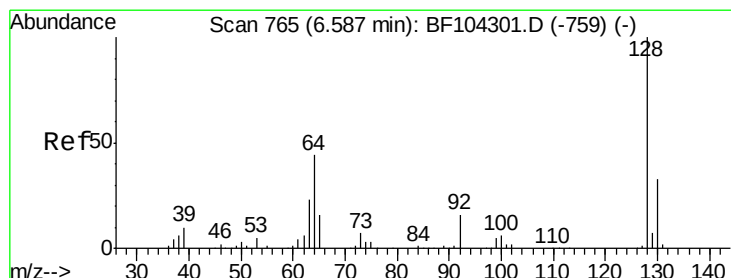
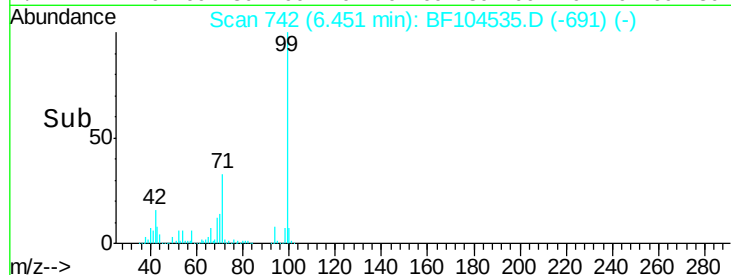
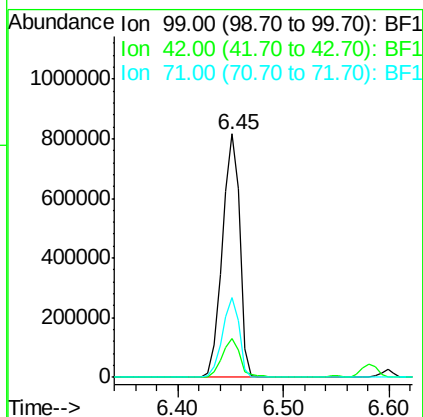
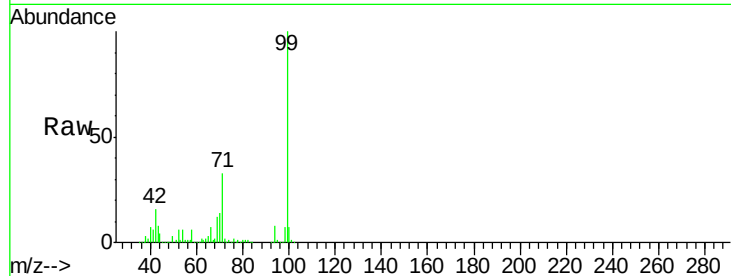
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	937404
Ion Ratio	Lower	Upper	
99	100		
42	15.9	14.5	21.7
71	32.6	25.4	38.0

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#8

2-Chlorophenol

Concen: 38.573 ng

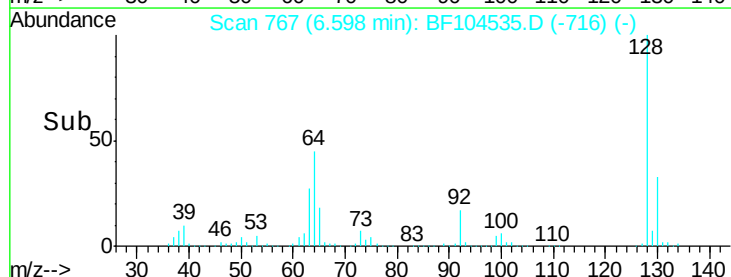
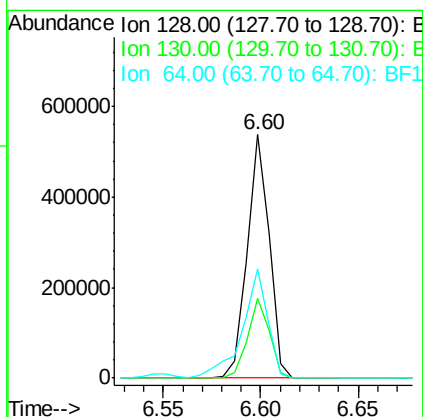
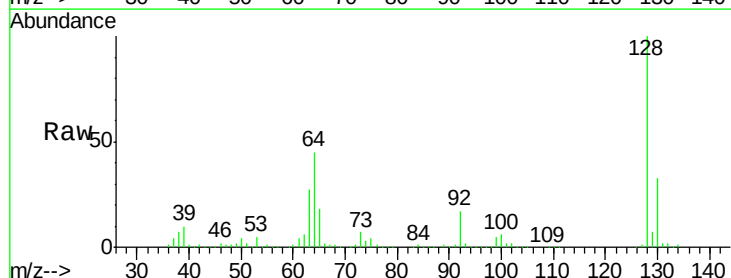
RT: 6.60 min Scan# 767

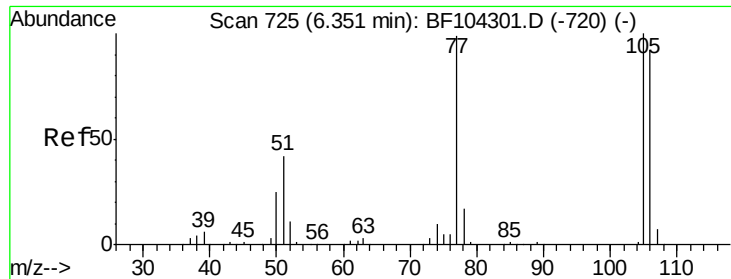
Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Tgt Ion:	128	Resp:	419217
Ion Ratio	Lower	Upper	
128	100		
130	32.6	13.0	53.0
64	45.0	29.4	69.4





#9

Benzaldehyde

Concen: 36.704 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 241385

Ion Ratio Lower Upper

77 100

105 104.5 81.1 121.1

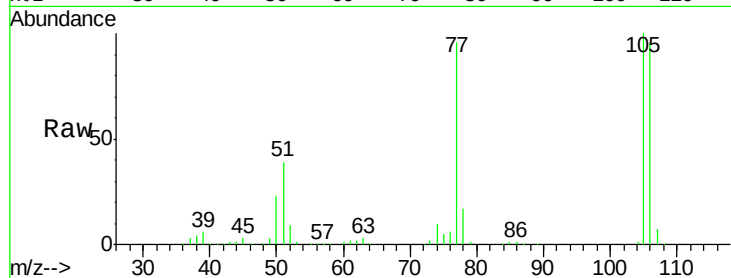
106 99.4 74.5 114.5

Manual Integrations

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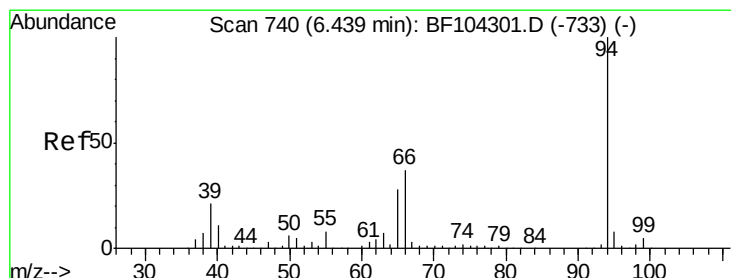
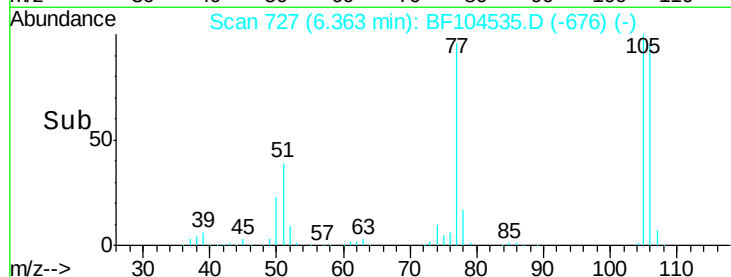
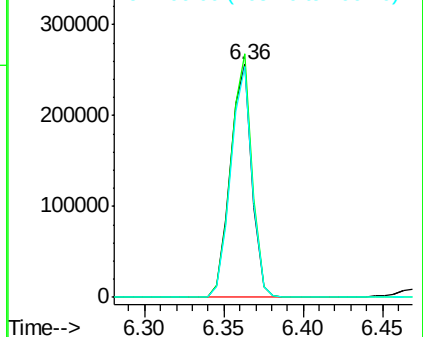
4/17/2018 10:08:53 AM



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: 38.679 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

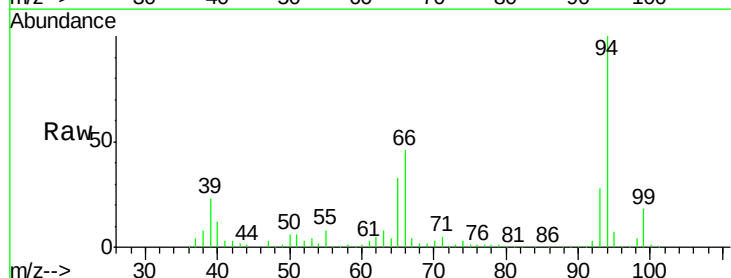
Tgt Ion: 94 Resp: 519222

Ion Ratio Lower Upper

94 100

65 32.7 7.9 47.9

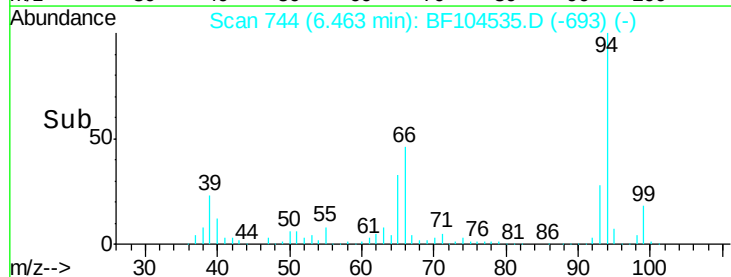
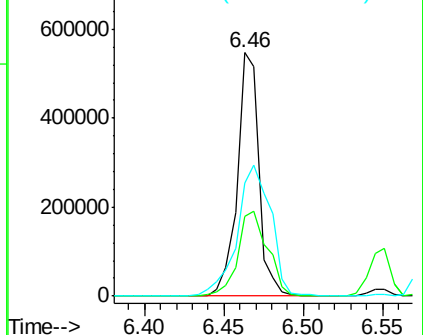
66 46.4 16.2 56.2

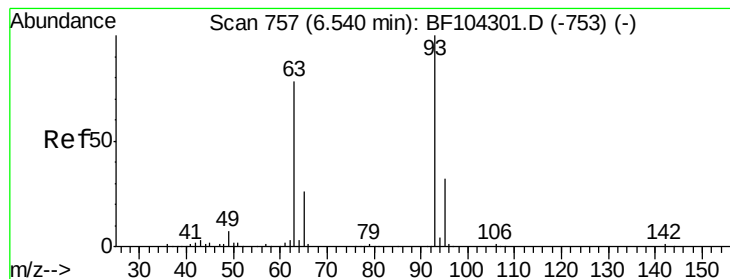


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





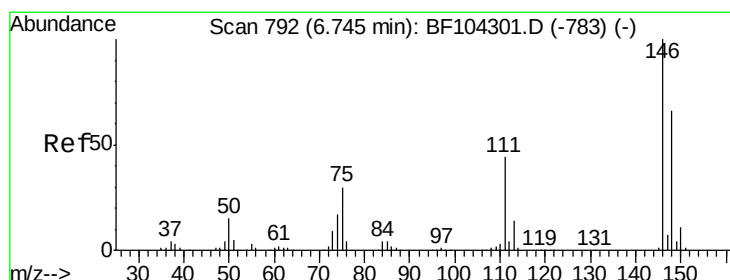
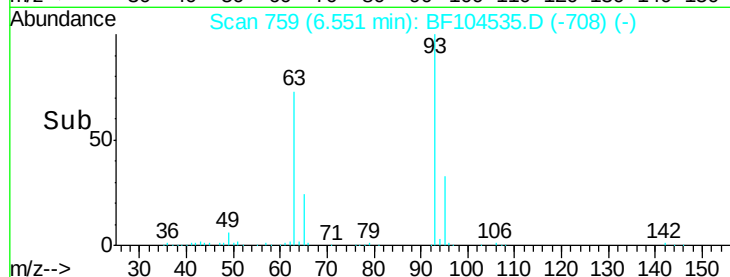
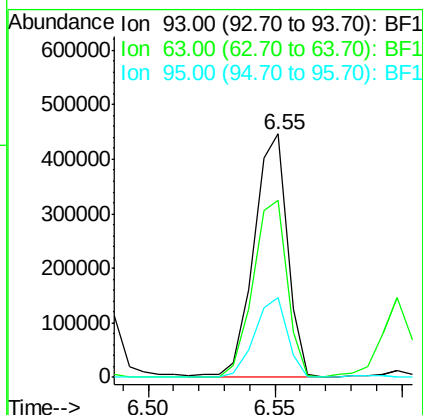
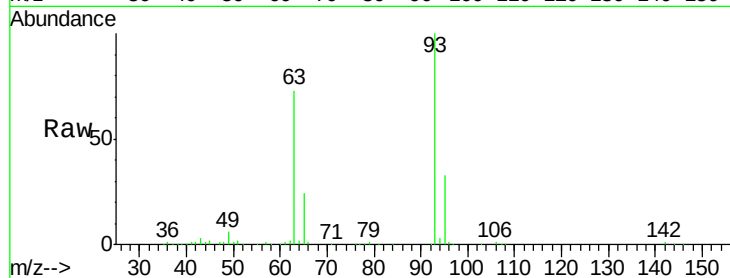
#11
bis(2-Chloroethyl)ether
Concen: 38.442 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.6	58.6	98.6
95	32.8	11.8	51.8

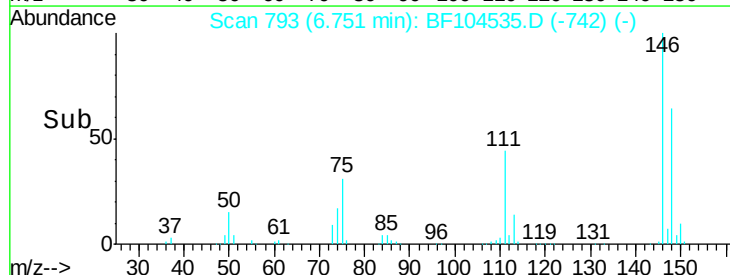
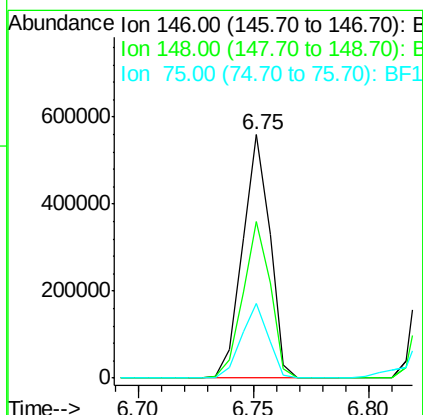
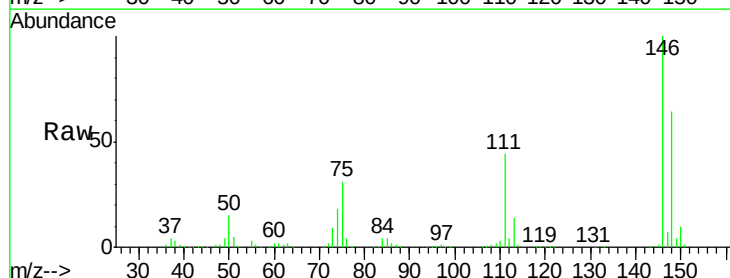
Manual Integrations
APPROVED

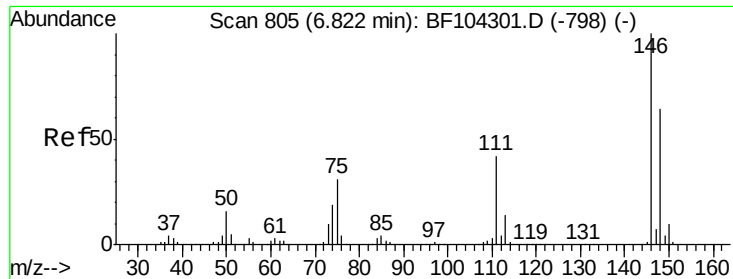
Sohil
4/17/2018 10:08:53 AM



#12
1,3-Dichlorobenzene
Concen: 37.637 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	30.8	24.2	36.4





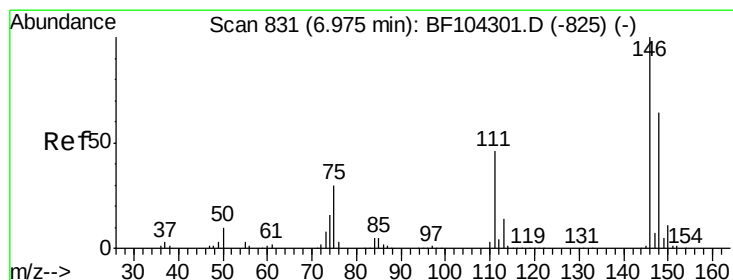
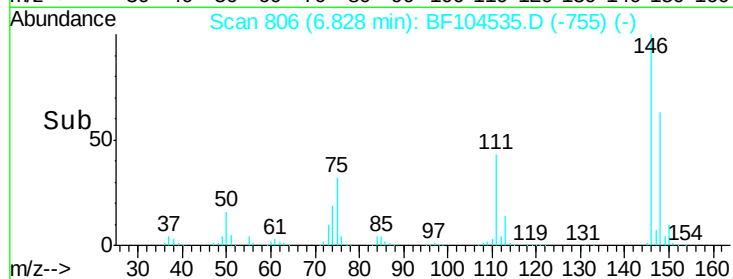
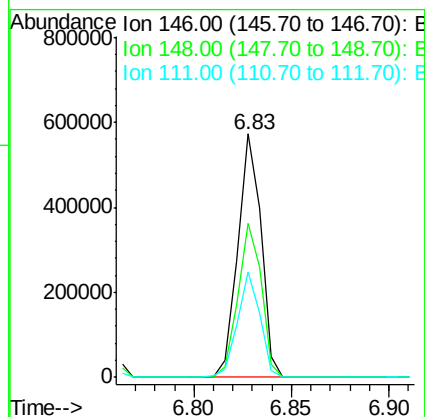
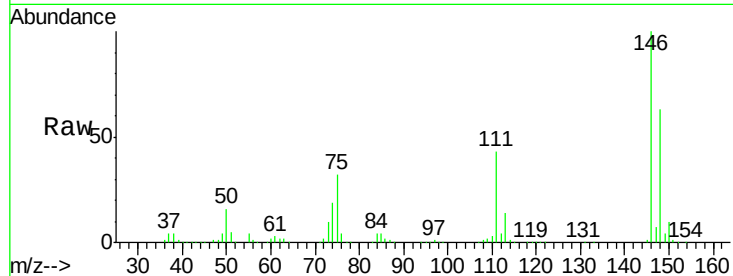
#13
 1,4-Dichlorobenzene
 Concen: 38.423 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	43.2	34.2	51.2

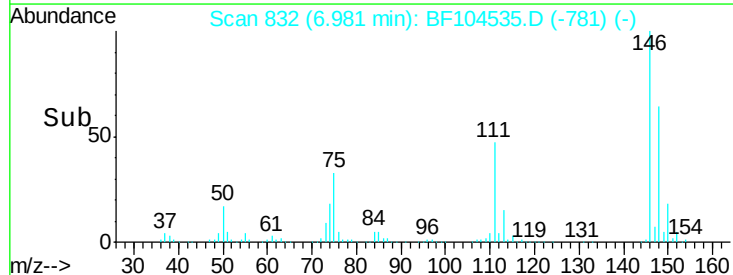
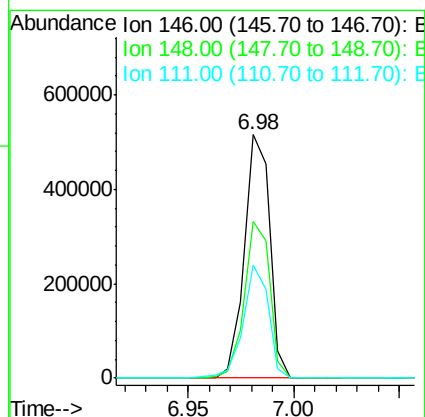
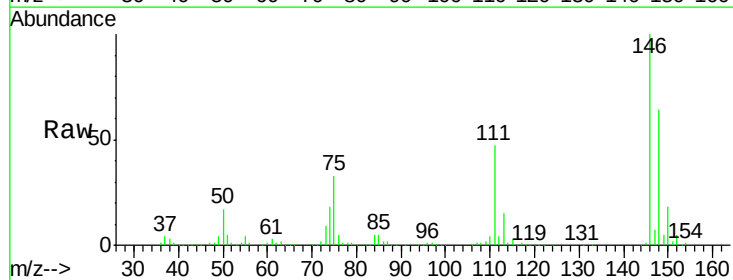
Manual Integrations
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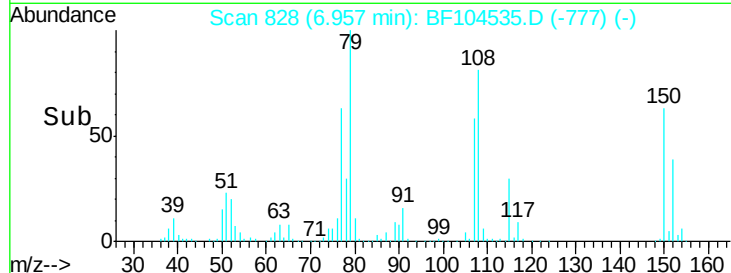
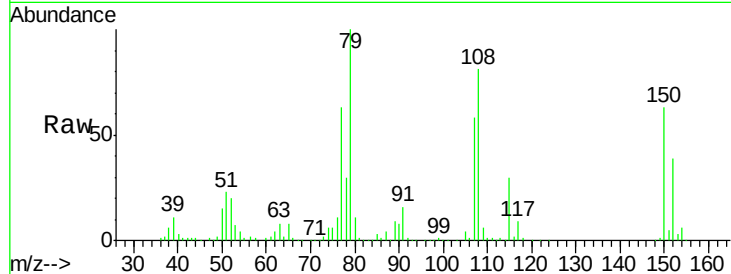
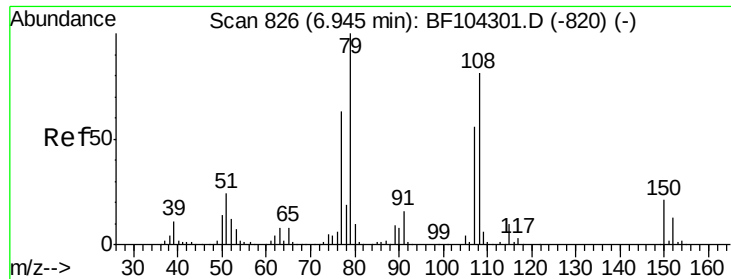
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#14
 1,2-Dichlorobenzene
 Concen: 37.641 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	46.5	36.0	54.0





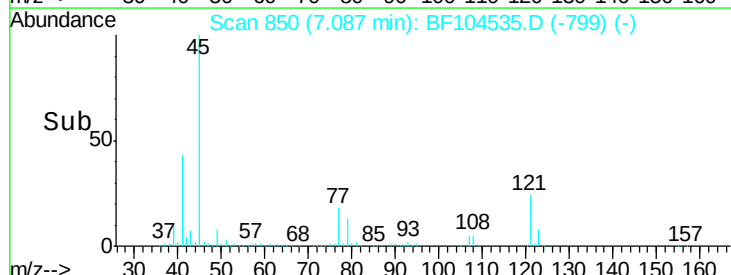
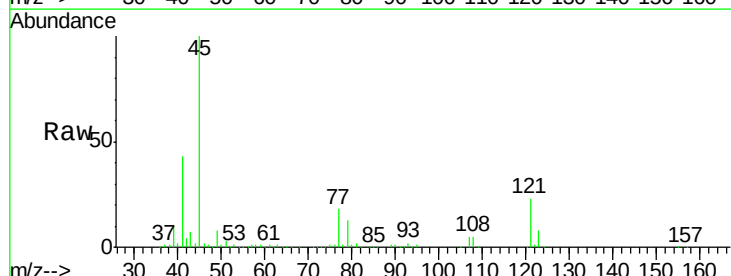
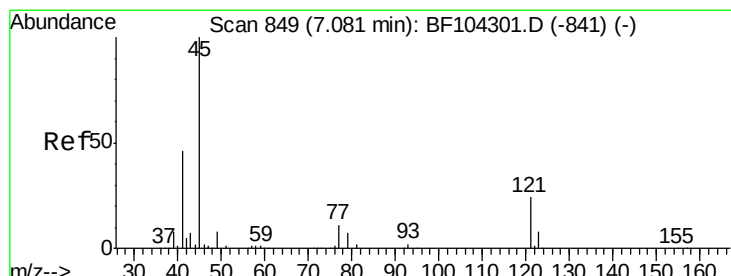
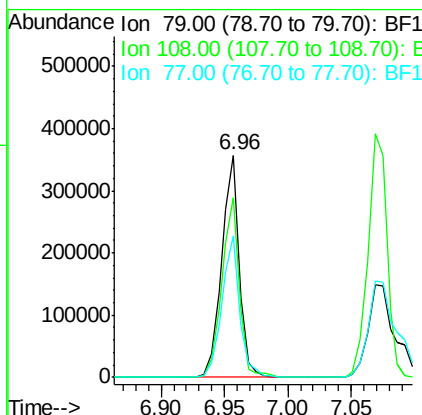
#15
Benzyl Alcohol
Concen: 35.888 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tot Ion: 79 Resp: 344859
Ion Ratio Lower Upper
79 100
108 81.0 65.1 97.7
77 63.5 50.6 75.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

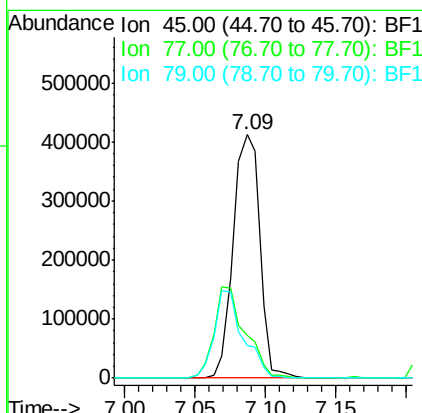
Manual Integrations
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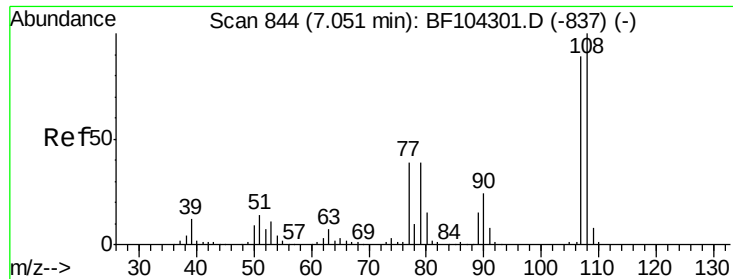
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.328 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion: 45 Resp: 537019
Ion Ratio Lower Upper
45 100
77 17.5 0.0 32.9
79 13.4 0.0 29.6





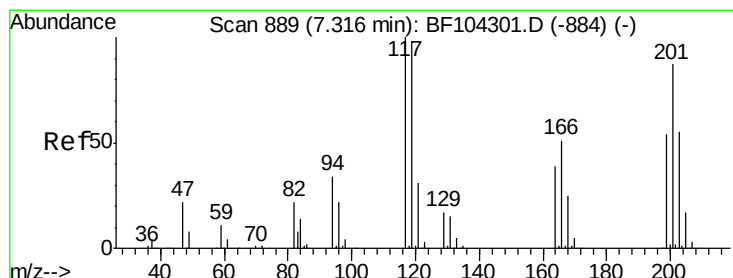
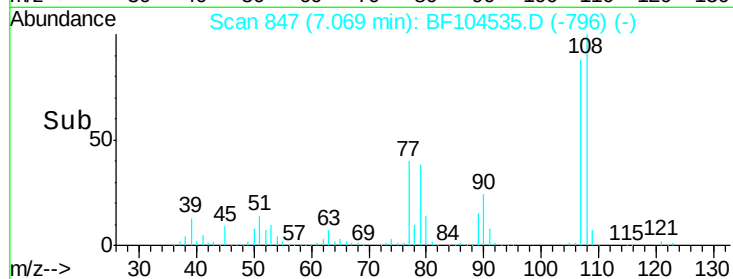
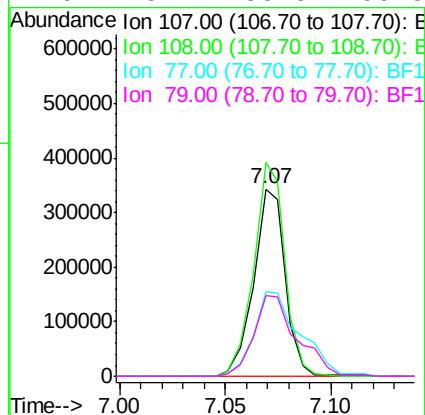
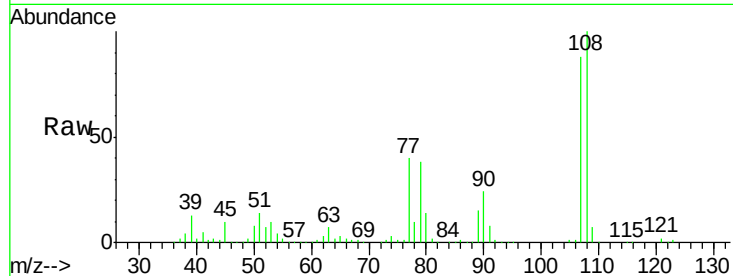
#17
2-Methylphenol
Concen: 37.845 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	114.1	91.7	137.5		
77	45.2	33.8	50.8		
79	43.4	33.8	50.8		

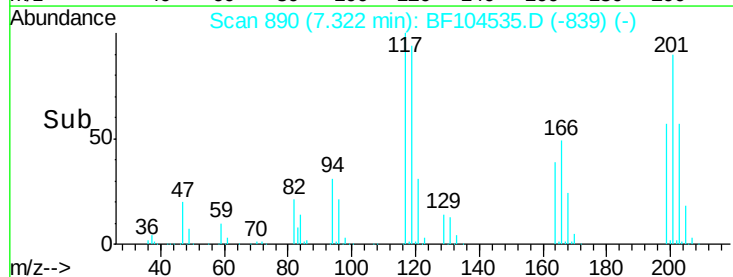
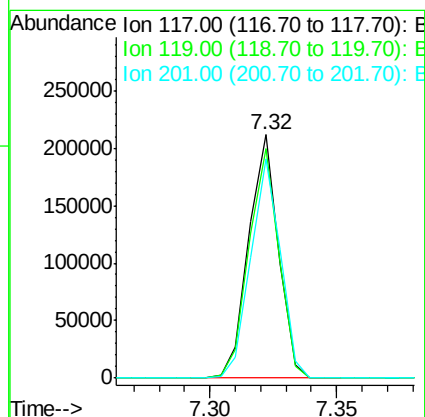
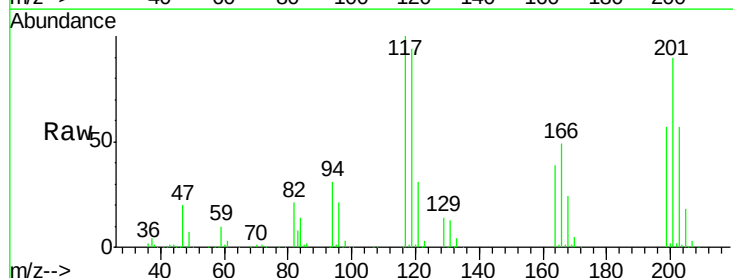
Manual Integrations
APPROVED

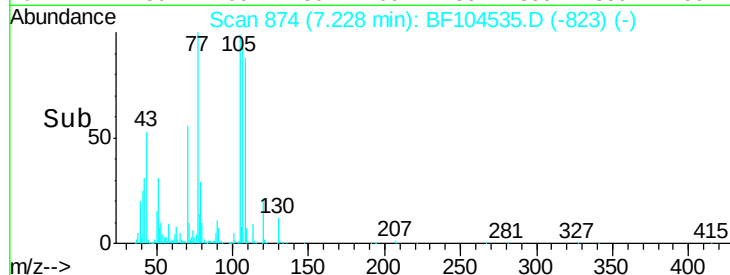
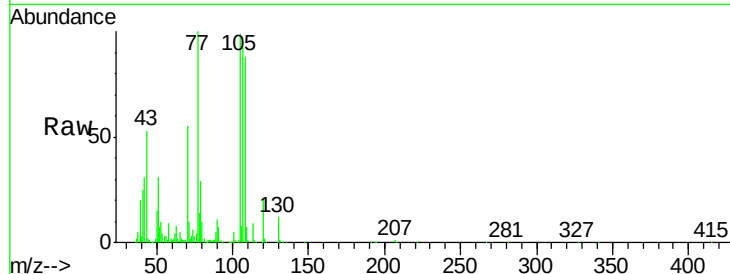
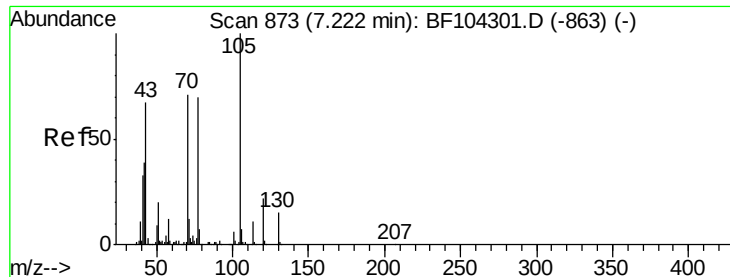
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#18
Hexachloroethane
Concen: 39.426 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	94.3	75.8	113.8		
201	90.1	75.7	113.5		





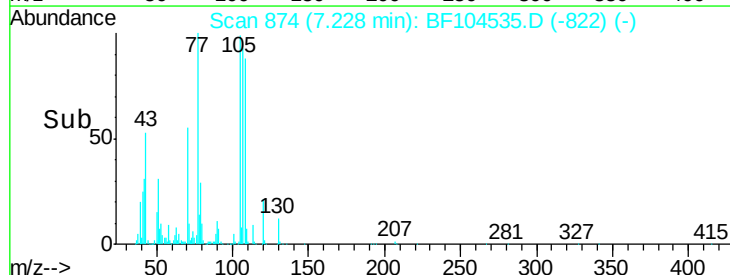
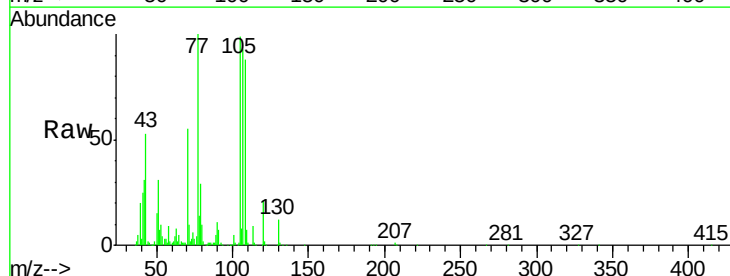
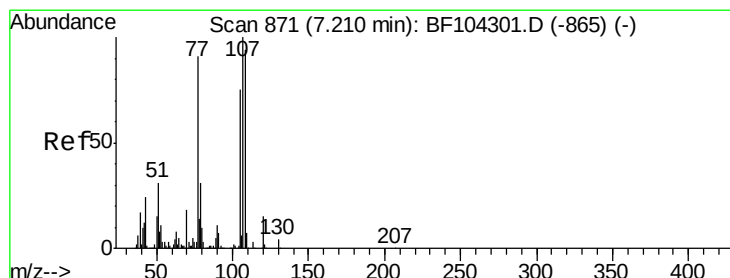
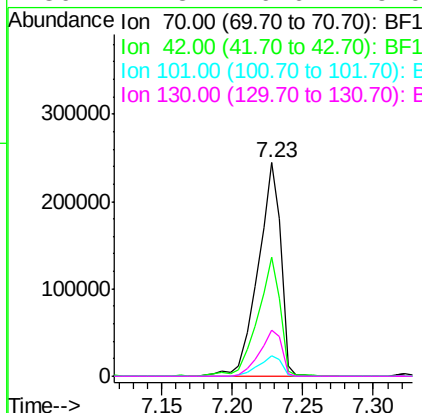
#19
n-Nitroso-di-n-propylamine
Concen: 33.746 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.5	47.5	71.3
101	9.5	7.4	11.2
130	21.3	16.6	25.0

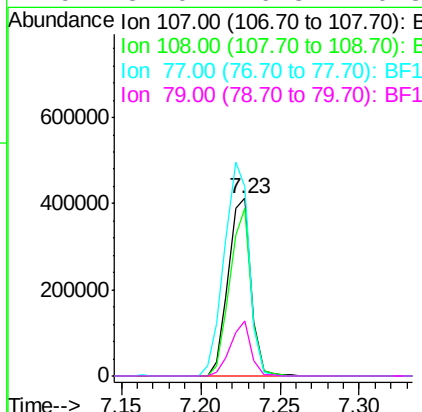
Manual Integrations
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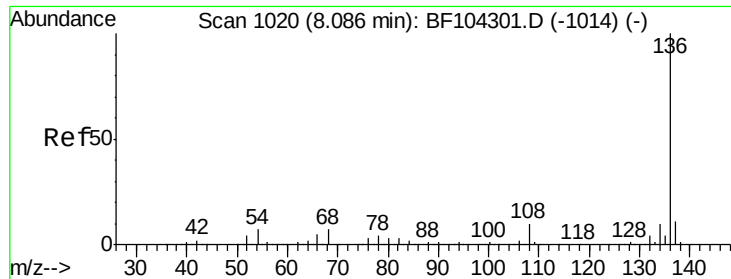
Sohil
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#20
3+4-Methylphenols
Concen: 34.961 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.2	68.2	108.2
77	107.1	26.7	66.7#
79	31.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

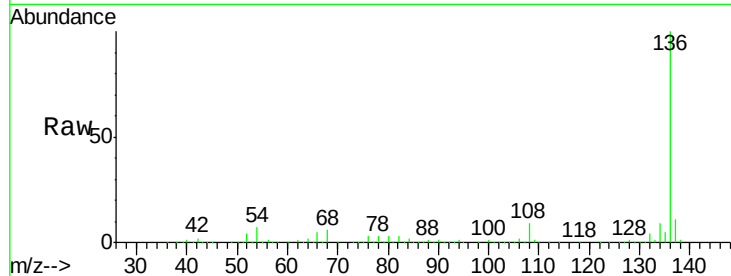
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.9	6.6	9.8
68	6.1	5.0	7.4

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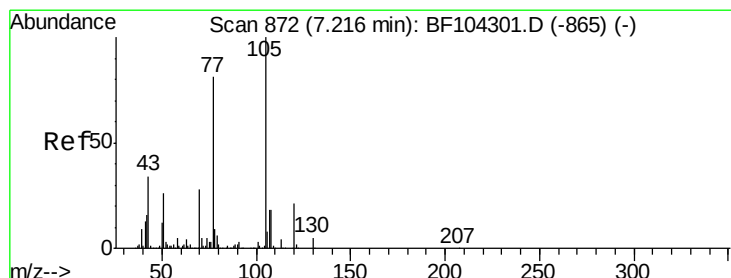
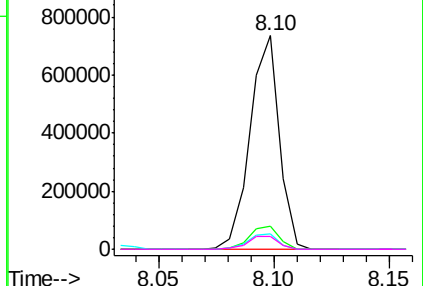
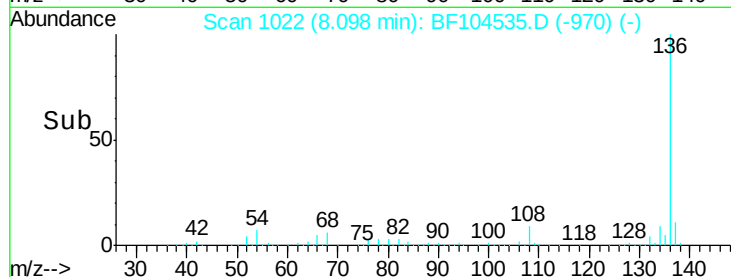


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.167 ng

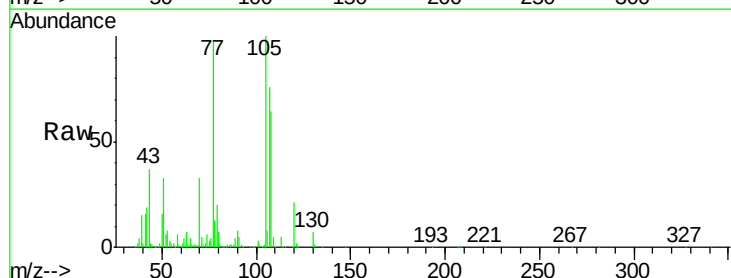
RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.4	6.6
51	32.6	22.3	33.5
120	21.0	16.9	25.3

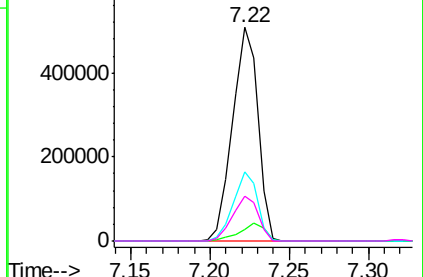
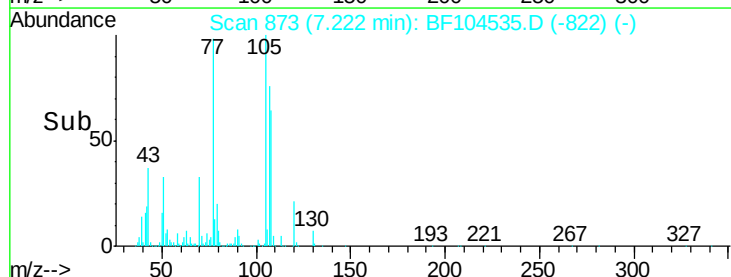


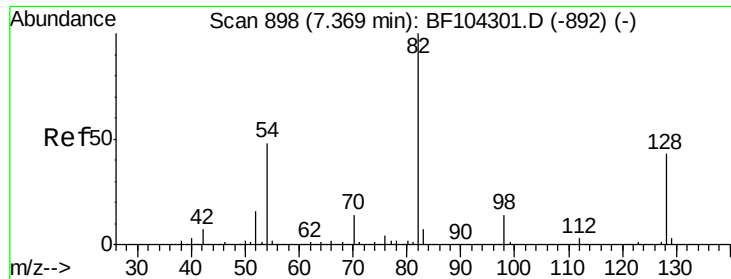
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





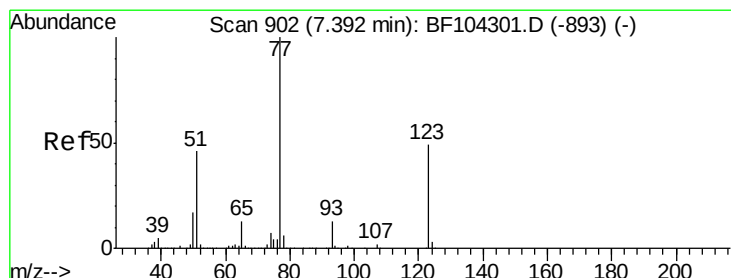
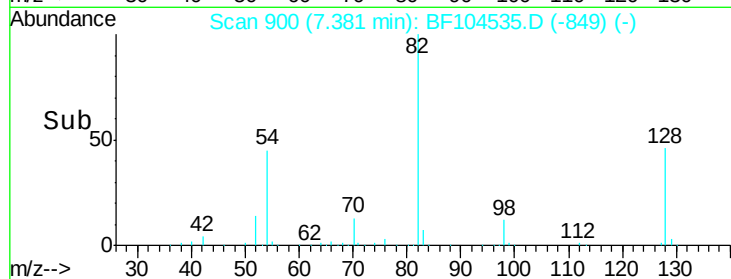
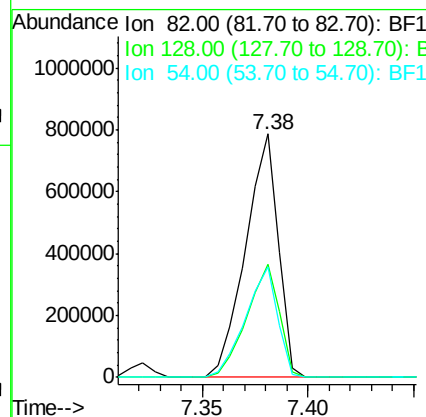
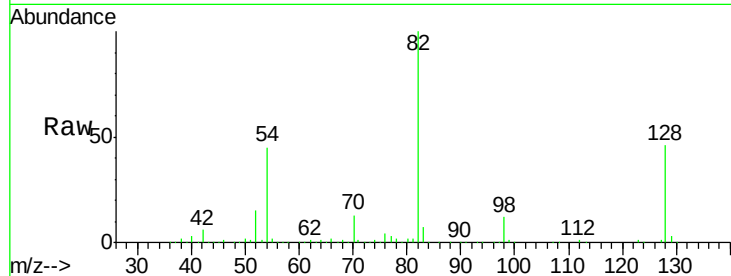
#23
 Nitrobenzene-d5
 Concen: 84.521 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	82	Resp	845099
Ion Ratio	100	Lower	Upper
128	46.4	36.1	54.1
54	45.5	41.4	62.2

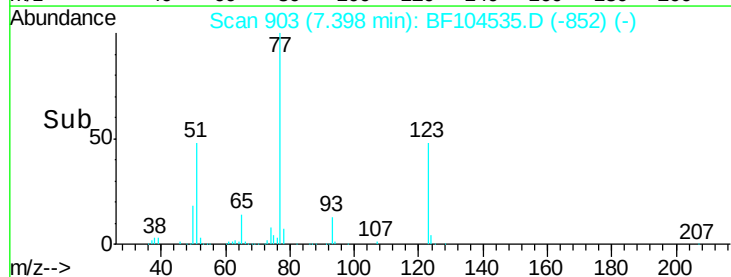
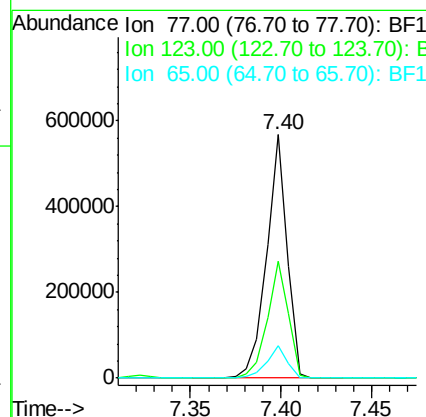
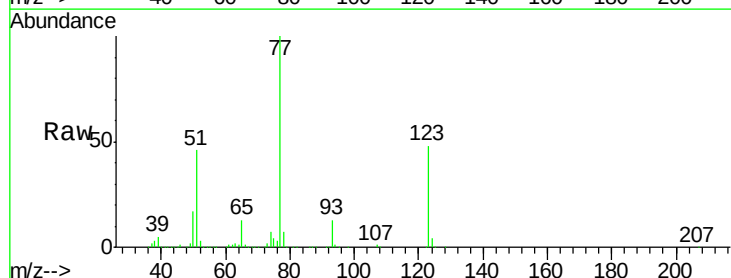
Manual Integrations
 APPROVED

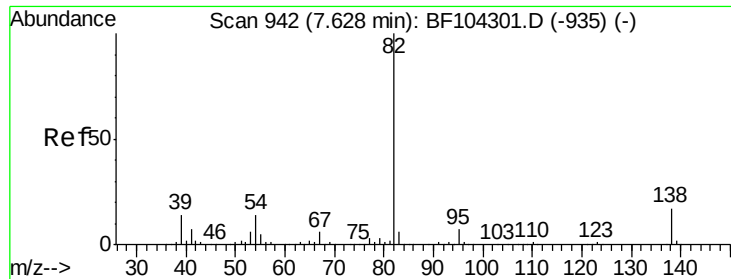
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#24
 Nitrobenzene
 Concen: 40.623 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion	77	Resp	448451
Ion Ratio	100	Lower	Upper
123	48.2	37.9	56.9
65	13.3	11.0	16.4





#25

Isophorone

Concen: 36.904 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

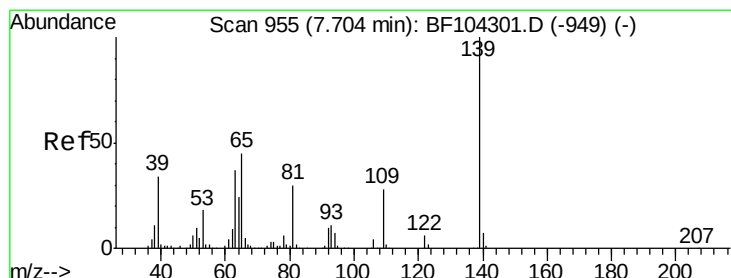
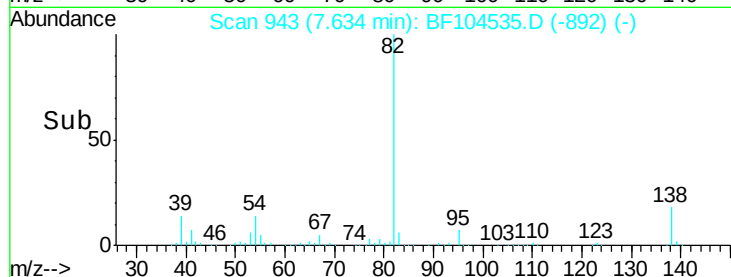
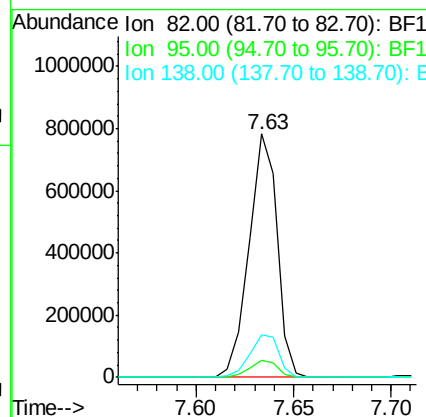
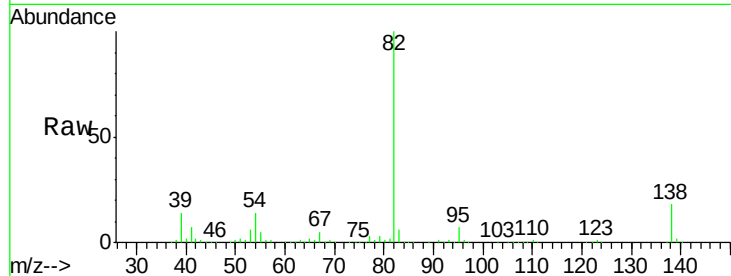
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	780287
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	17.7	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.902 ng

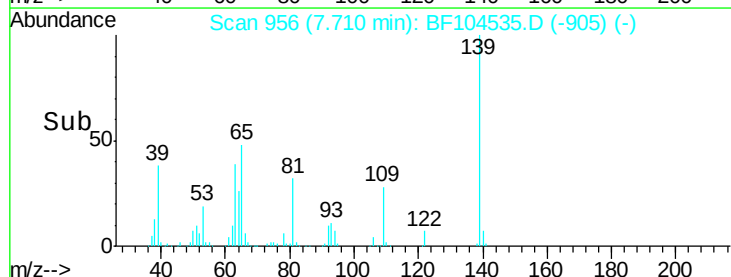
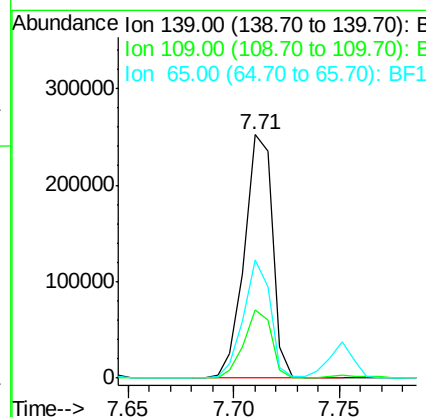
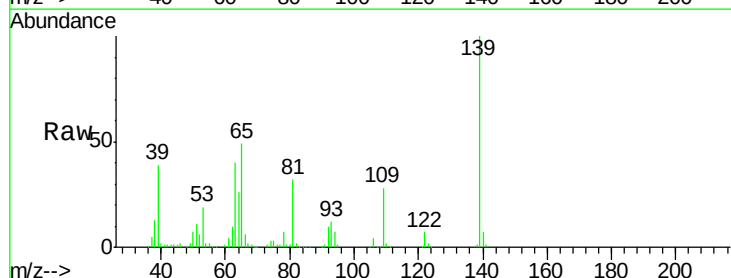
RT: 7.71 min Scan# 956

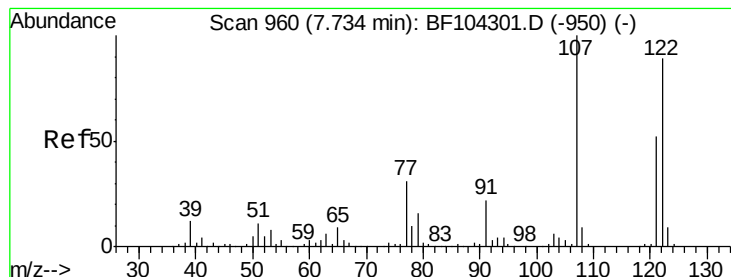
Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Tgt Ion:	139	Resp:	233252
Ion Ratio	Lower	Upper	
139	100		
109	28.1	22.7	34.1
65	48.6	40.5	60.7





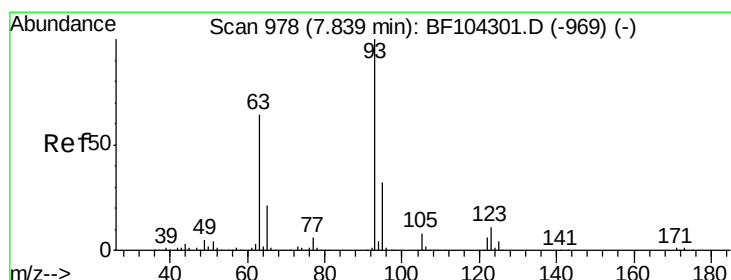
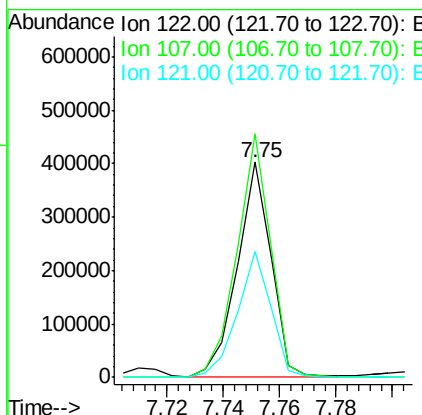
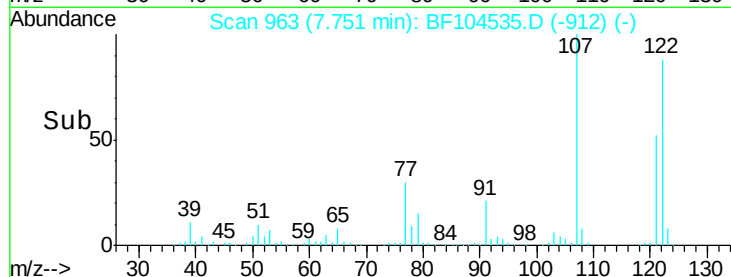
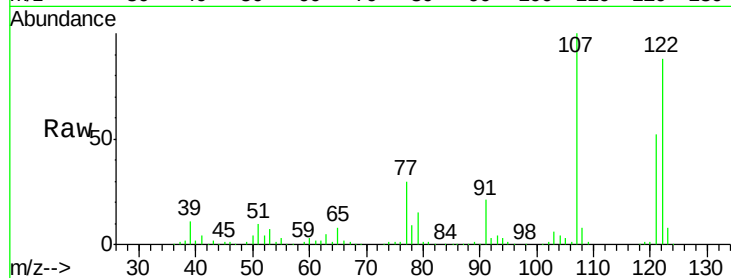
#27
2,4-Dimethylphenol
Concen: 35.921 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.3	91.2	136.8
121	58.6	47.2	70.8

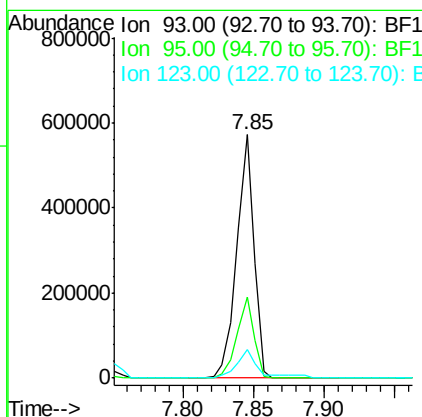
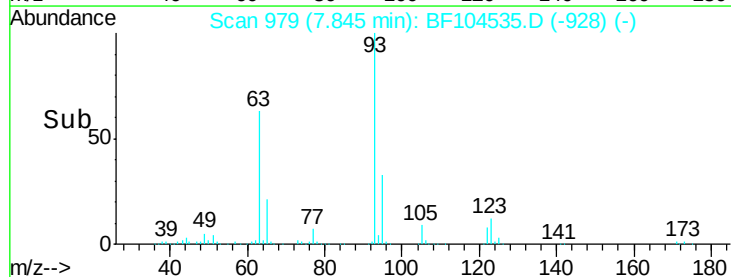
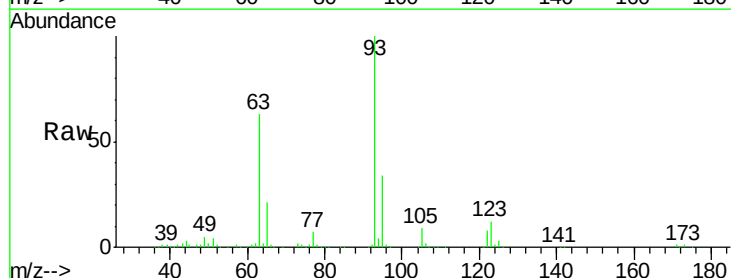
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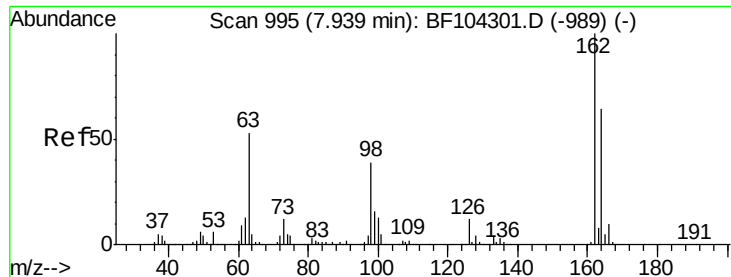
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#28
bis(2-Chloroethoxy)methane
Concen: 37.733 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.3	39.5
123	11.7	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 37.995 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

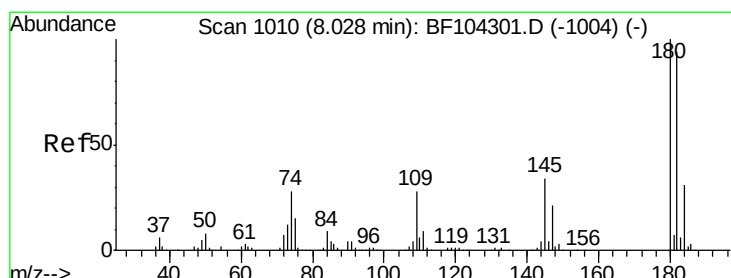
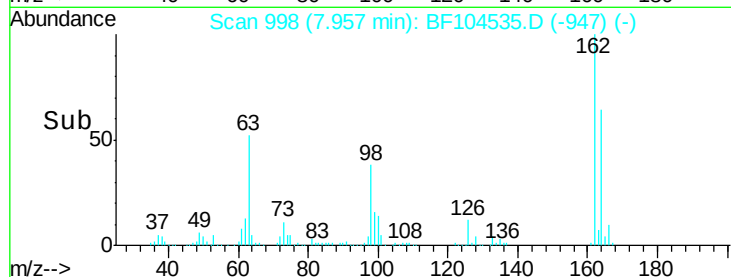
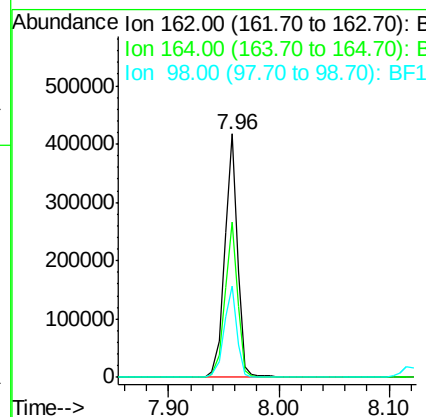
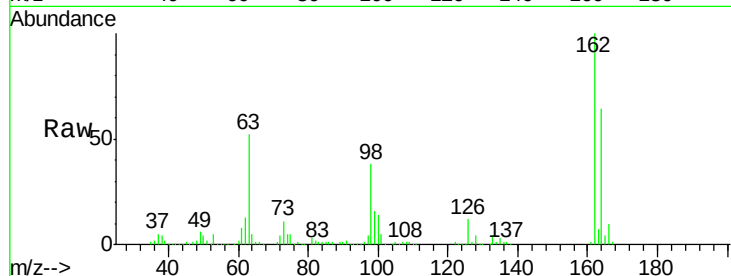
ClientSampleId :

SSTDCCC040EC

Tot Ion:	162	Resp:	338294
Ion Ratio	Lower	Upper	
162	100		
164	63.6	42.7	82.7
98	37.7	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 37.459 ng

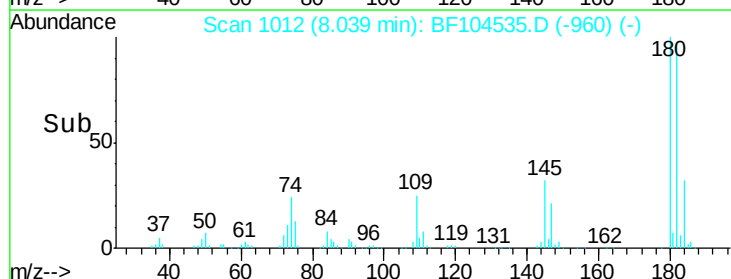
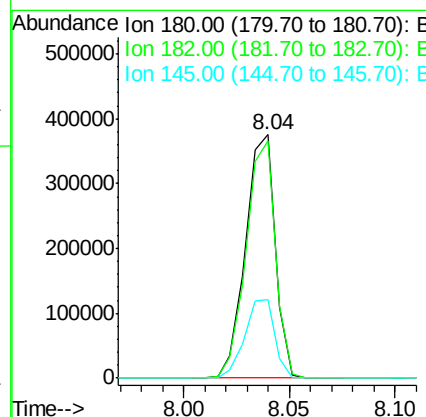
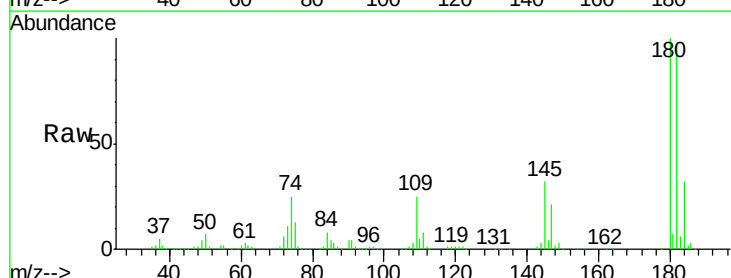
RT: 8.04 min Scan# 1012

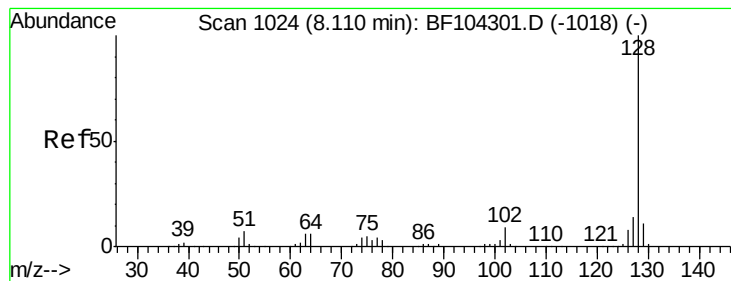
Delta R.T. 0.01 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Tgt Ion:	180	Resp:	366019
Ion Ratio	Lower	Upper	
180	100		
182	97.3	76.8	115.2
145	32.5	26.5	39.7





#31

Naphthalene

Concen: 36.997 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 1202808

Ion Ratio Lower Upper

128 100

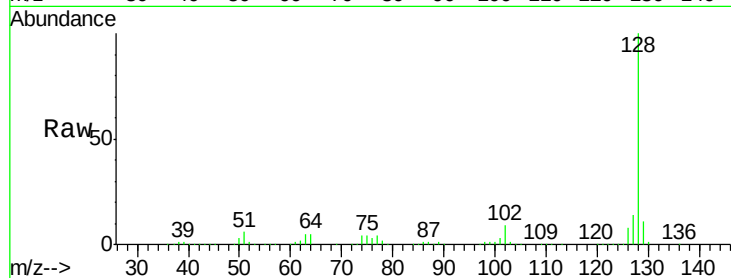
129 11.0 8.8 13.2

127 13.5 10.9 16.3

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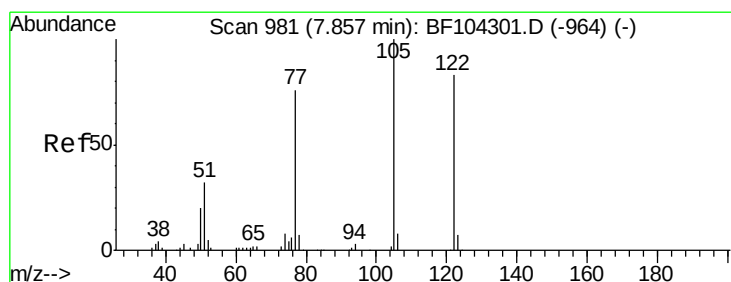
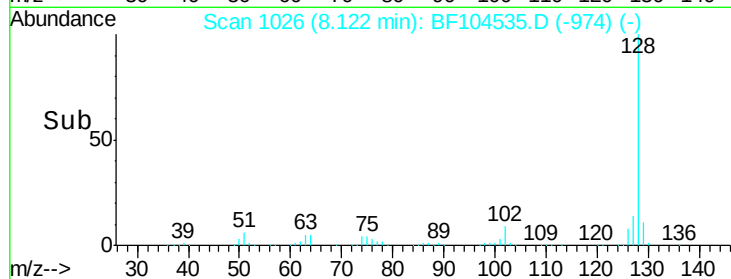
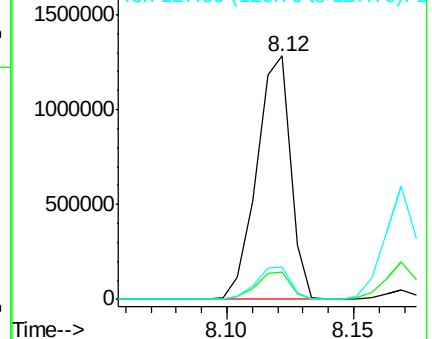
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.311 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

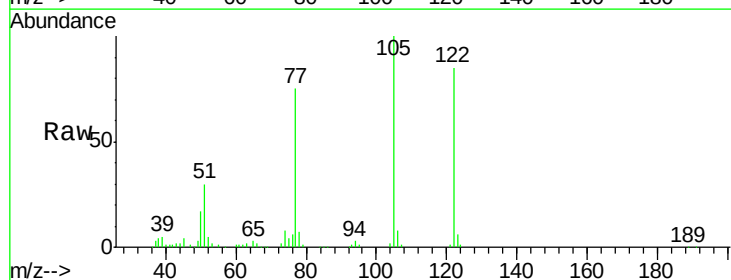
Tgt Ion:122 Resp: 285238

Ion Ratio Lower Upper

122 100

105 117.0 101.1 141.1

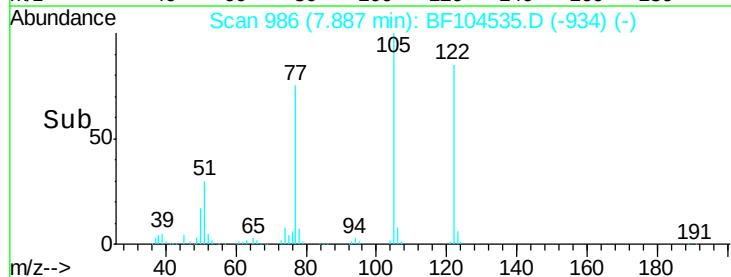
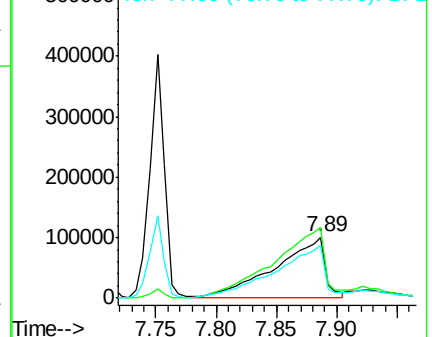
77 88.1 70.7 110.7

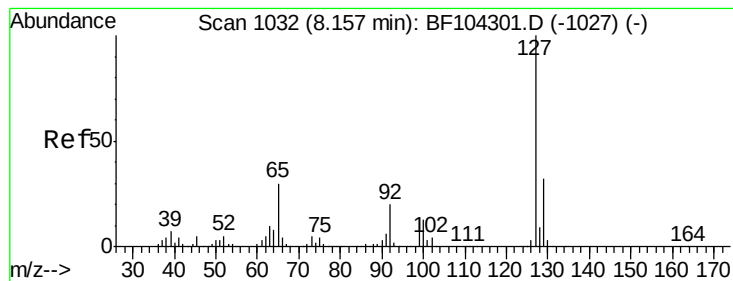


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 37.600 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

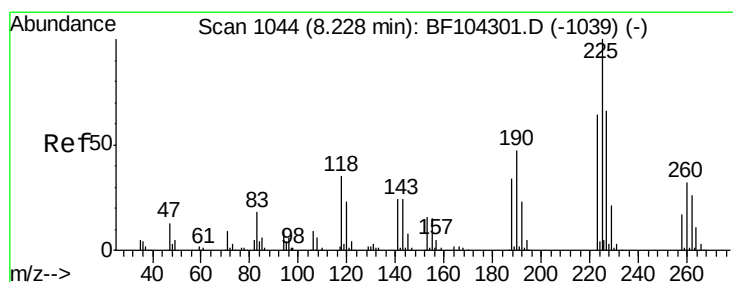
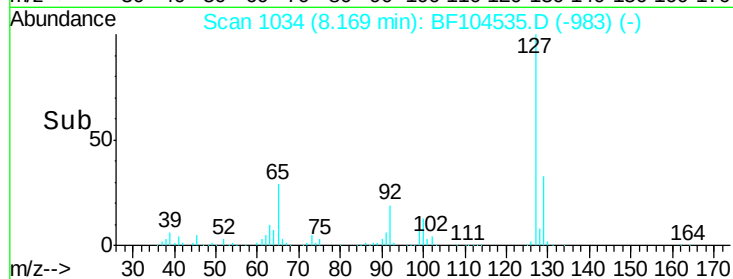
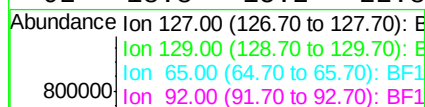
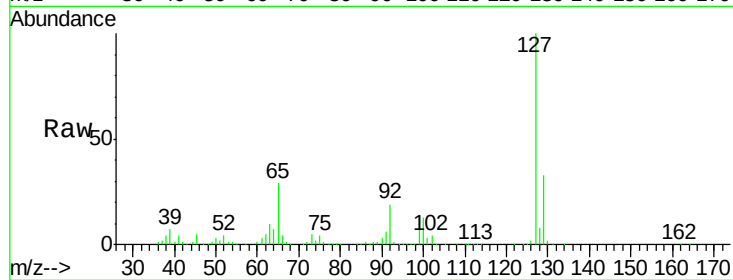
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8		25.9	38.9	
65	29.4		25.0	37.4	
92	18.8		15.2	22.8	

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#34

Hexachlorobutadiene

Concen: 37.698 ng

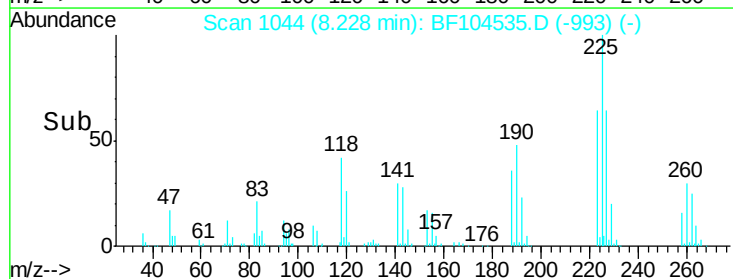
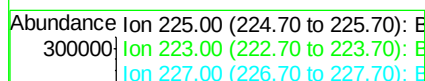
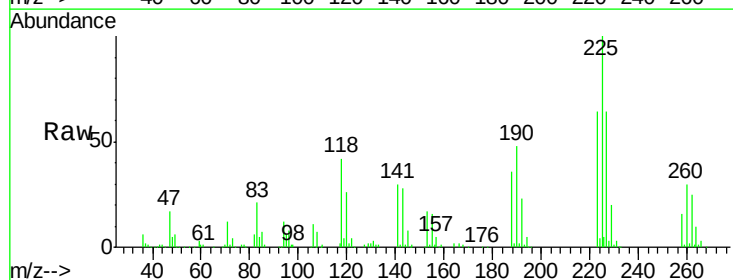
RT: 8.23 min Scan# 1044

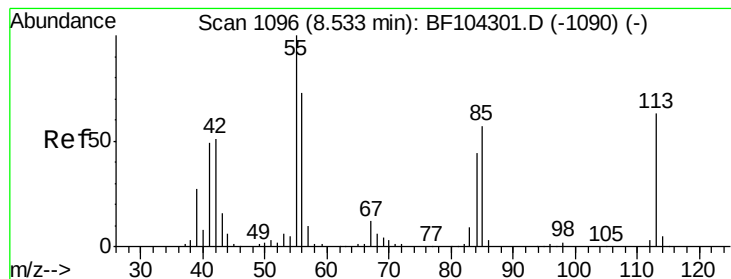
Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8		50.6	76.0	
227	63.6		51.9	77.9	





#35

Caprolactam

Concen: 39.487 ng

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 122648

Ion Ratio Lower Upper

113 100

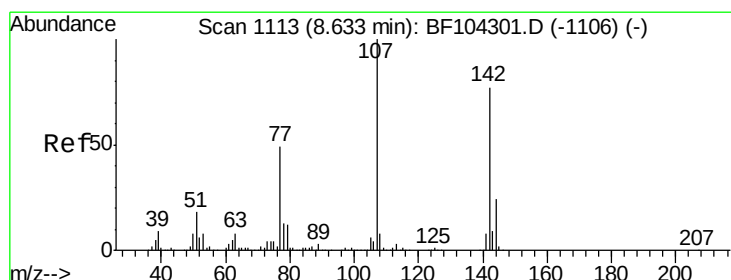
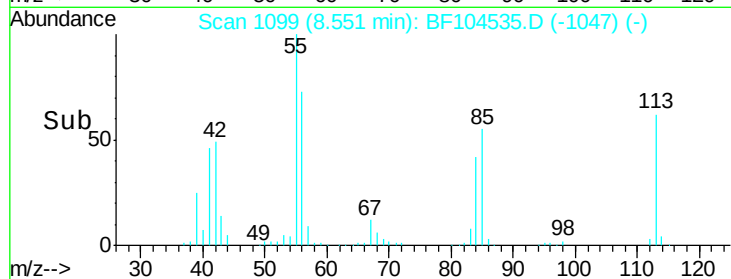
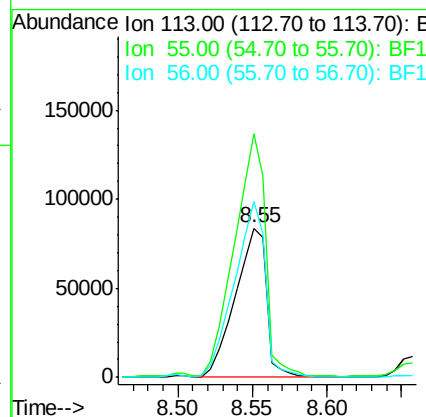
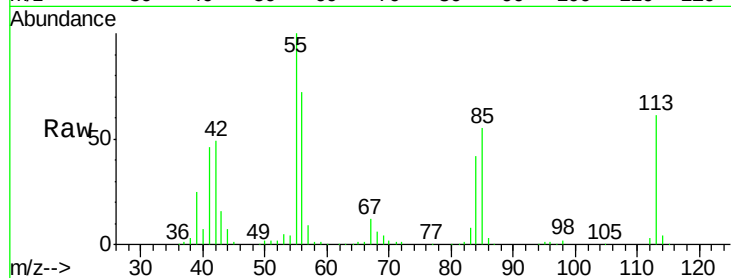
55 163.1 163.3 203.3#

56 117.7 115.7 155.7

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#36

4-Chloro-3-methylphenol

Concen: 38.851 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

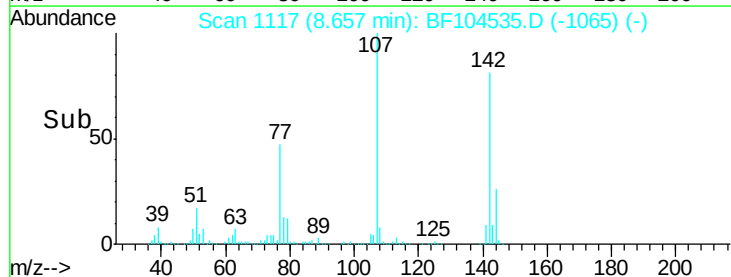
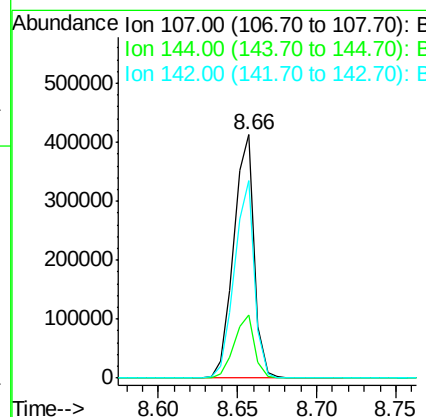
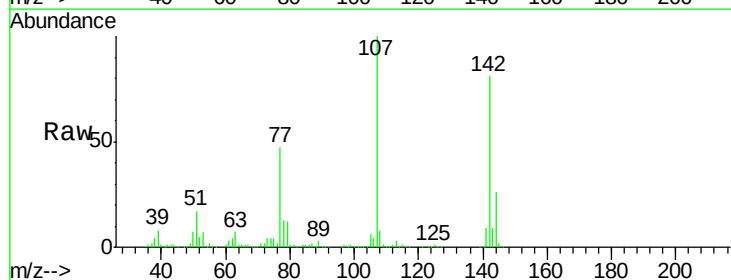
Tgt Ion:107 Resp: 370913

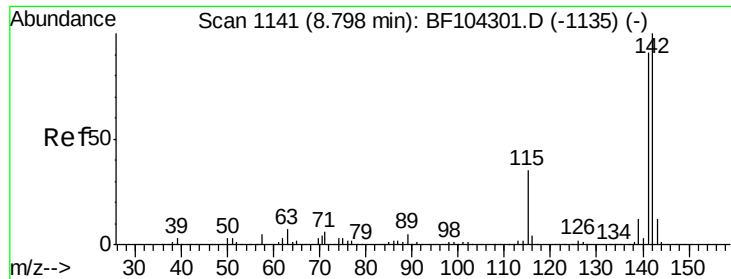
Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

142 80.9 62.0 93.0





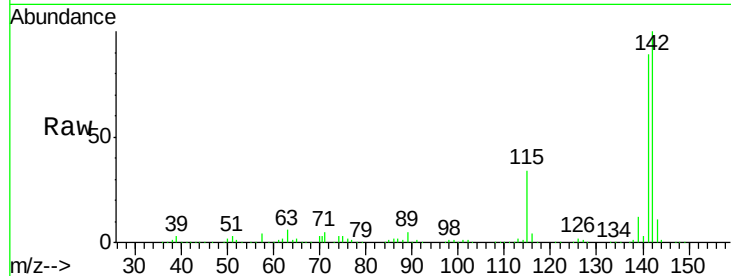
#37
2-Methylnaphthalene
Concen: 37.338 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

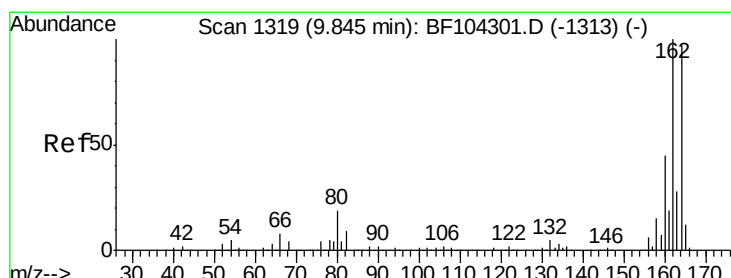
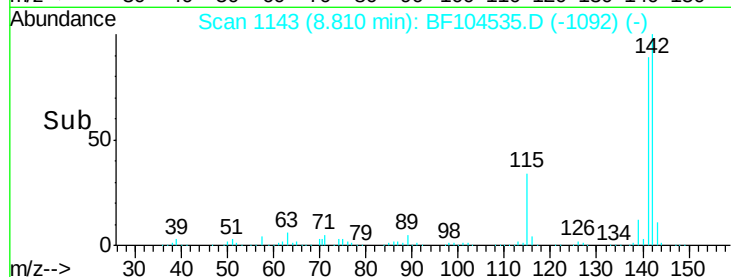
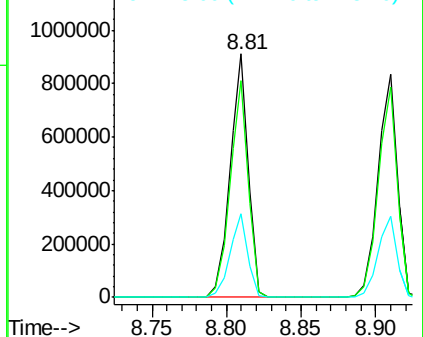
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	34.2	26.1	39.1

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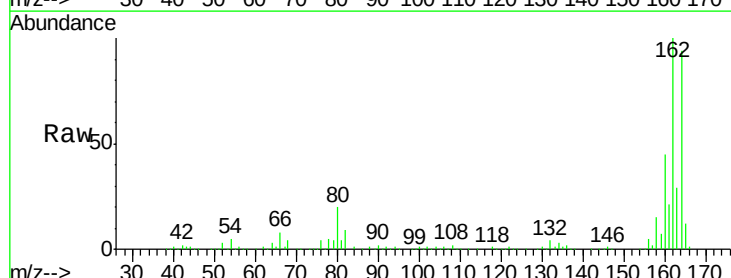


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

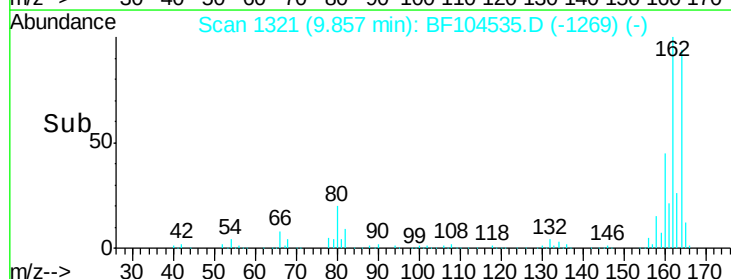
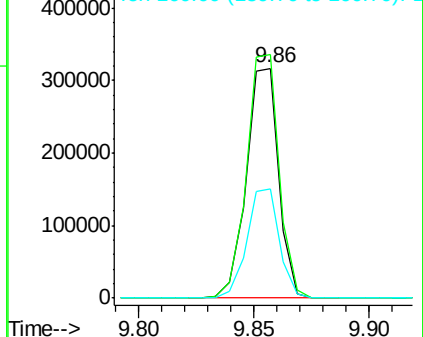


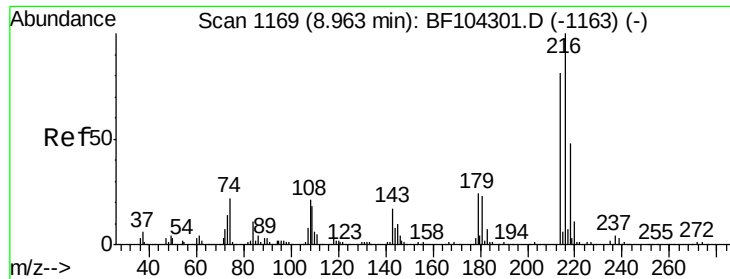
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	47.5	38.3	57.5



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





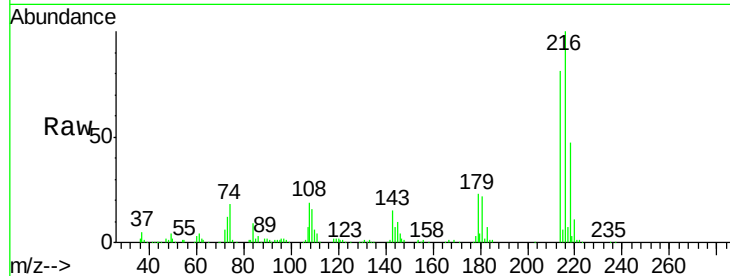
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.412 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

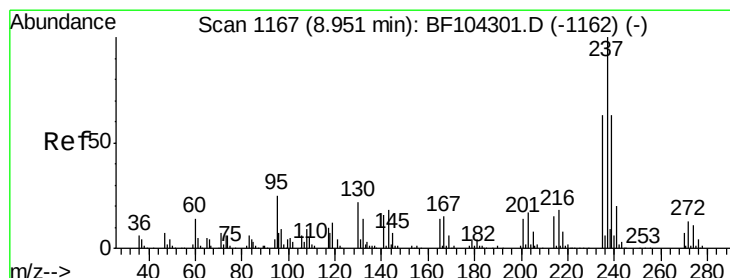
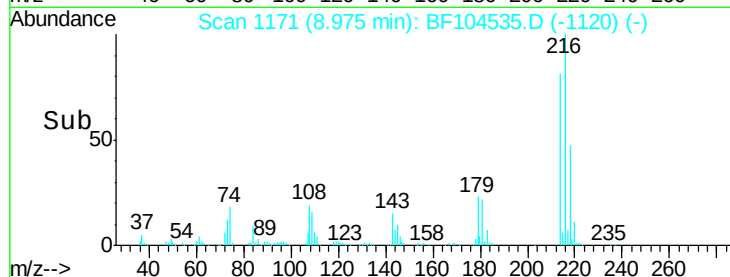
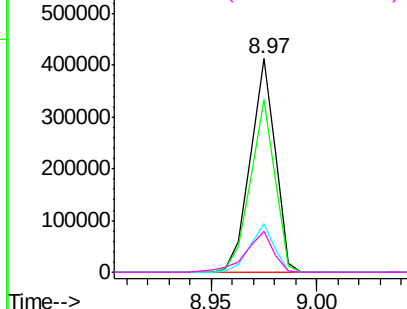
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		340647		
214	79.4		63.0	94.4	
179	22.2		18.1	27.1	
108	21.0		17.2	25.8	

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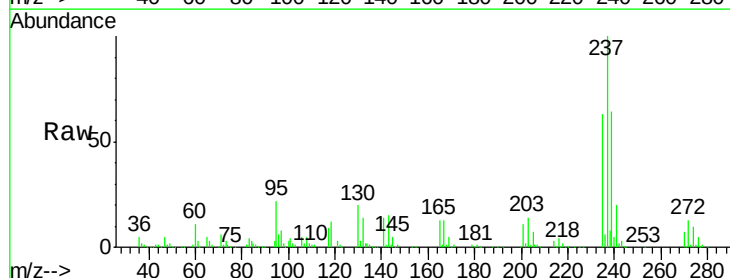


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

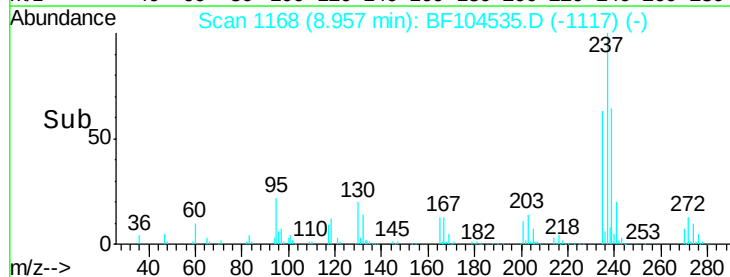
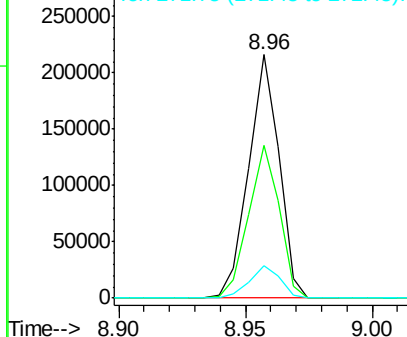


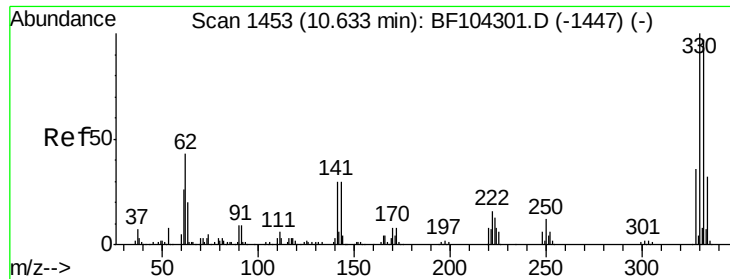
#40
 Hexachlorocyclopentadiene
 Concen: 36.480 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		181115		
235	62.6		44.8	84.8	
272	13.3		0.0	33.3	



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





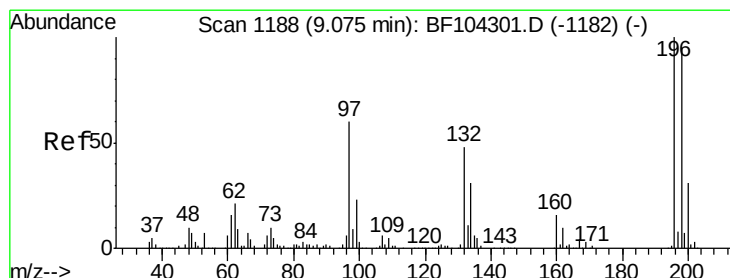
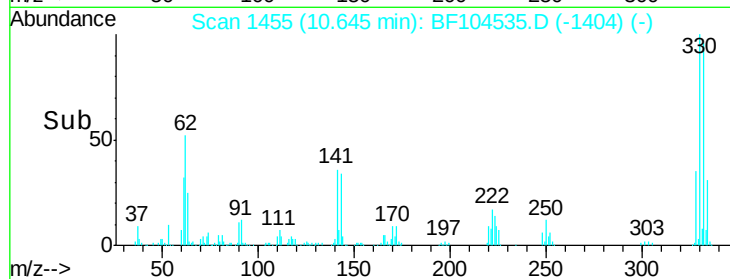
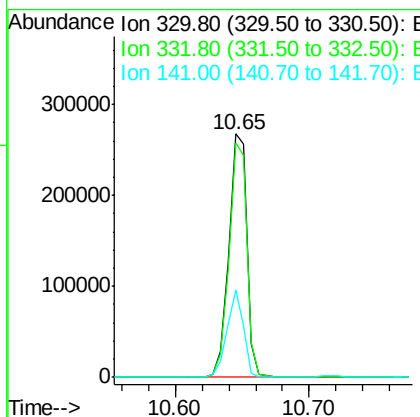
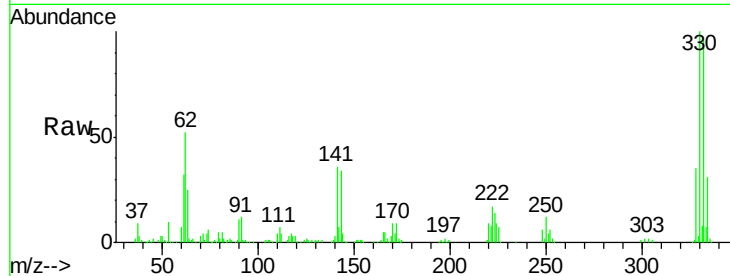
#41
 2,4,6-Tribromophenol
 Concen: 79.899 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	256767		
332	95.5	77.0	115.6	
141	32.8	29.9	44.9	

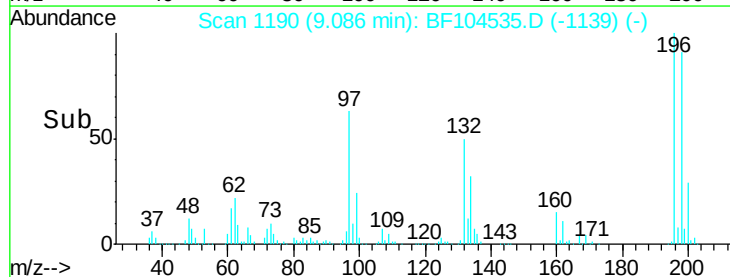
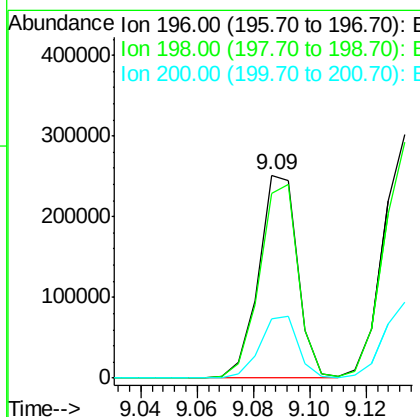
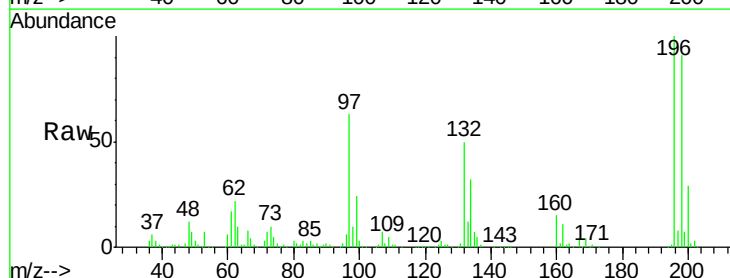
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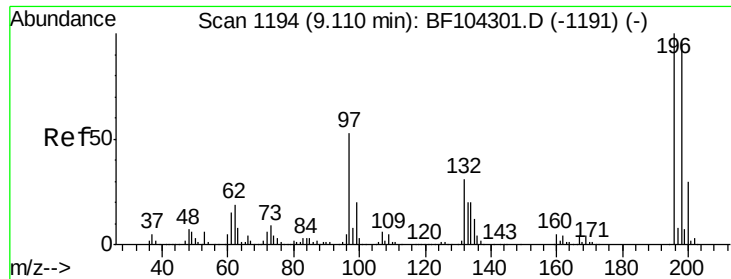
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#42
 2,4,6-Trichlorophenol
 Concen: 38.926 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	239638		
198	91.0	75.7	113.5	
200	29.1	24.5	36.7	





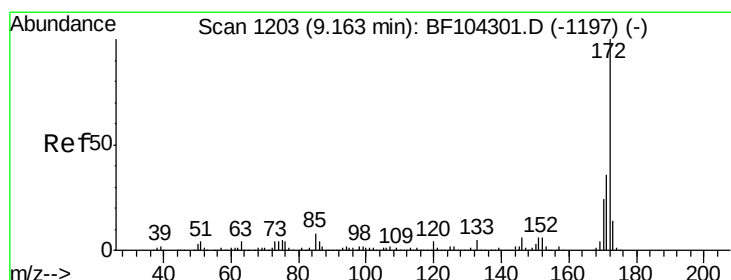
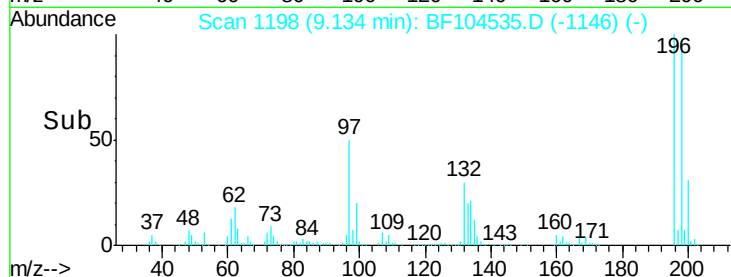
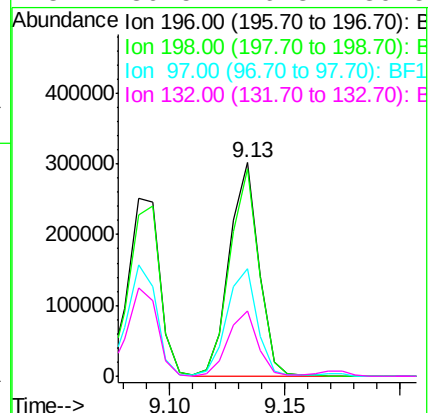
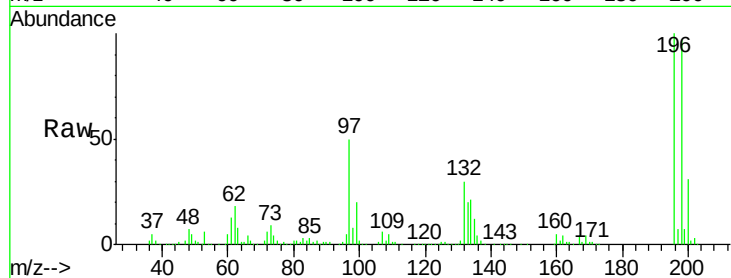
#43
 2,4,5-Trichlorophenol
 Concen: 38.946 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	268297		
198	97.2	74.6	112.0	
97	50.5	42.9	64.3	
132	30.5	26.3	39.5	

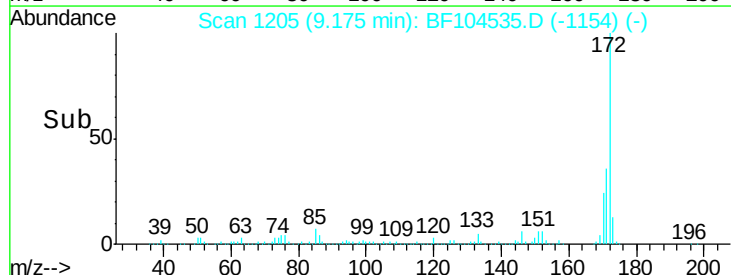
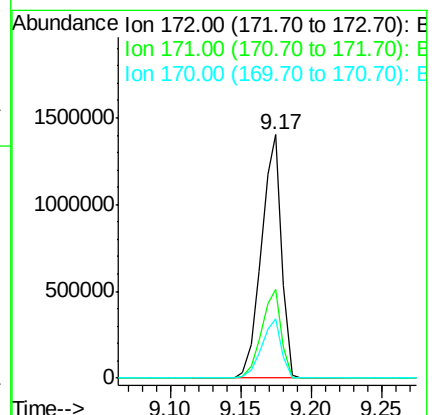
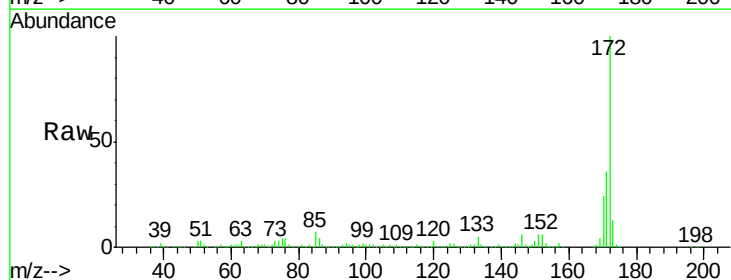
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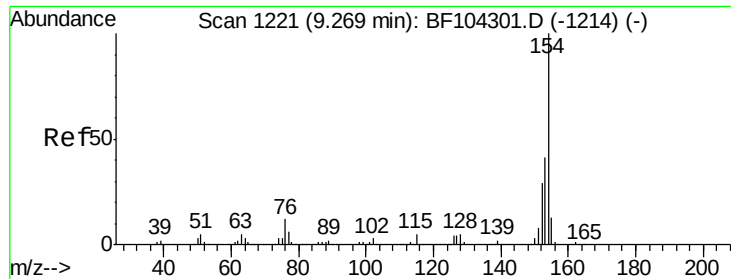
Sohil
 4/17/2018 10:08:53 AM



#44
 2-Fluorobiphenyl
 Concen: 71.532 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1402792		
171	36.4	29.7	44.5	
170	24.4	19.6	29.4	





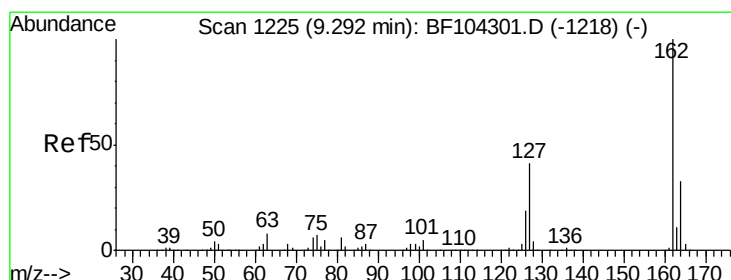
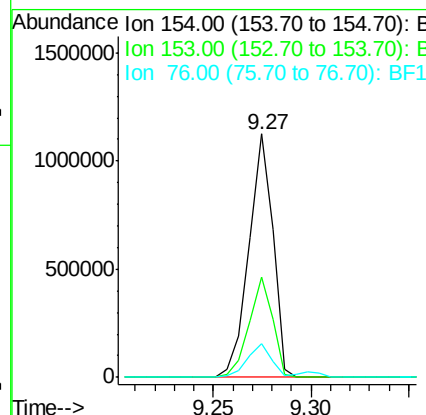
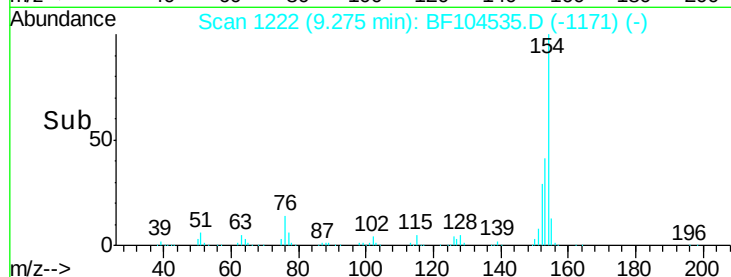
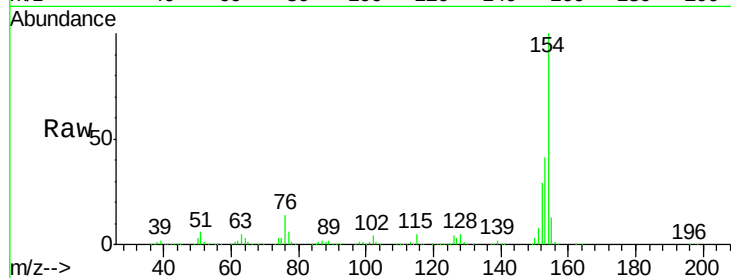
#45
 1,1'-Biphenyl
 Concen: 36.956 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
154	100				
153	41.4	21.3	61.3		
76	13.9	0.0	34.0		

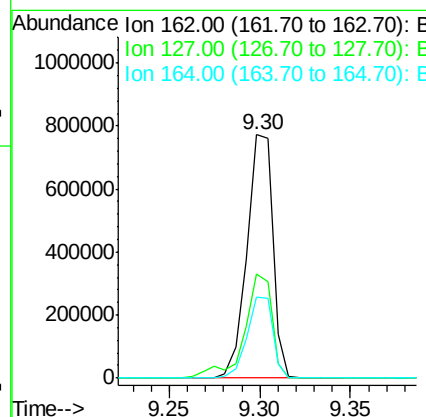
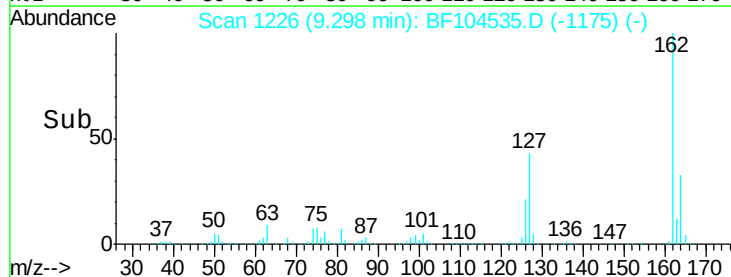
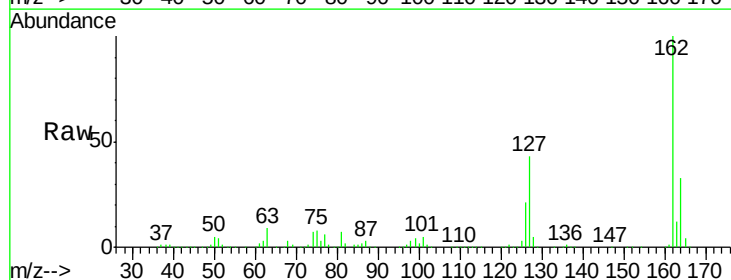
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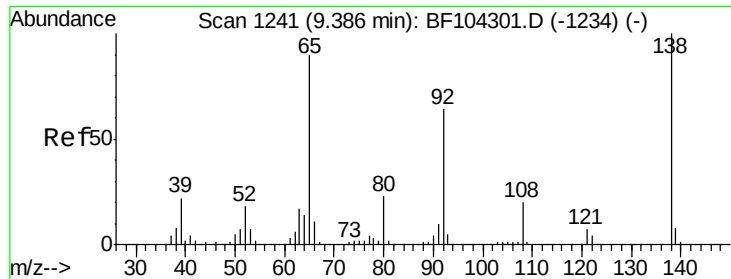
Sohil
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#46
 2-Chloronaphthalene
 Concen: 37.164 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	42.8	33.9	50.9		
164	33.2	26.5	39.7		





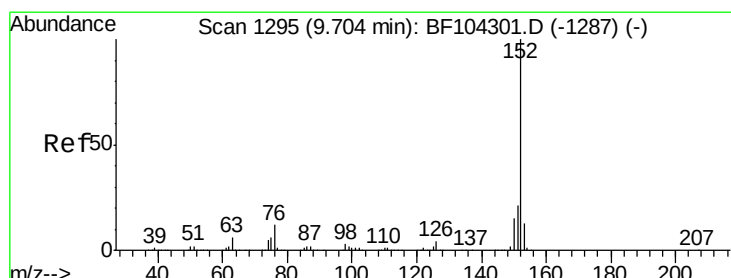
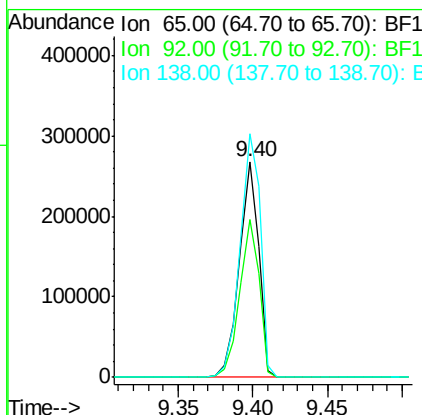
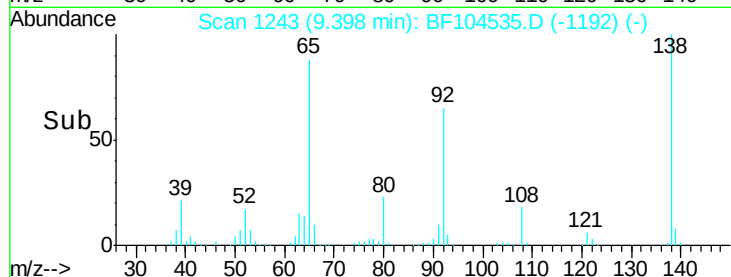
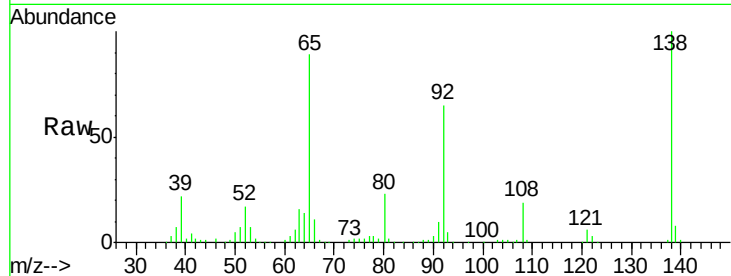
#47
 2-Nitroaniline
 Concen: 48.037 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	65	Resp:	244203
Ion Ratio	Lower	Upper	
65	100		
92	73.3	55.8	83.6
138	113.0	91.2	136.8

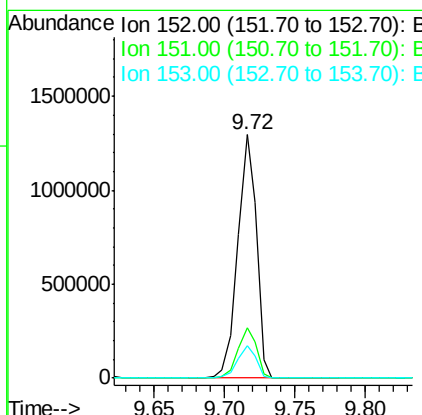
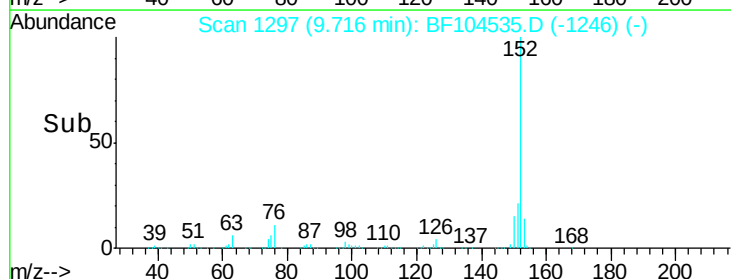
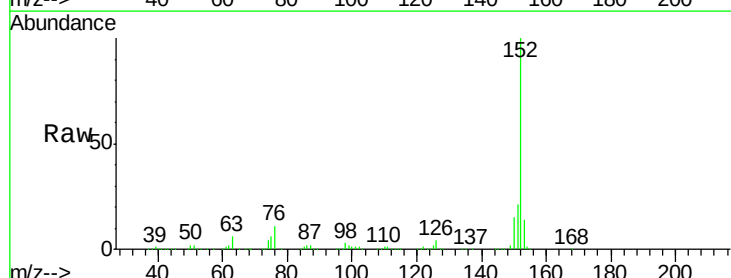
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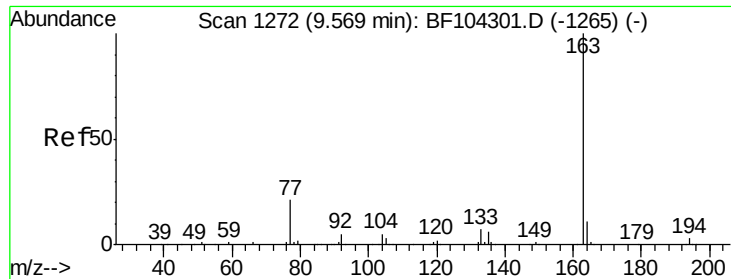
Sohil
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#48
 Acenaphthylene
 Concen: 36.959 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion:	152	Resp:	1192038
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	13.5	10.7	16.1





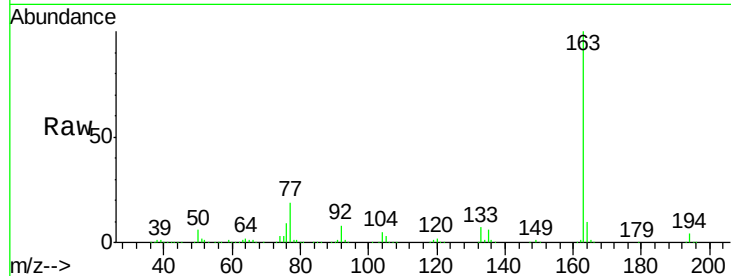
#49
Dimethylphthalate
Concen: 38.329 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
163	100	936388		
194	3.6		2.7	4.1
164	9.9		8.2	12.2

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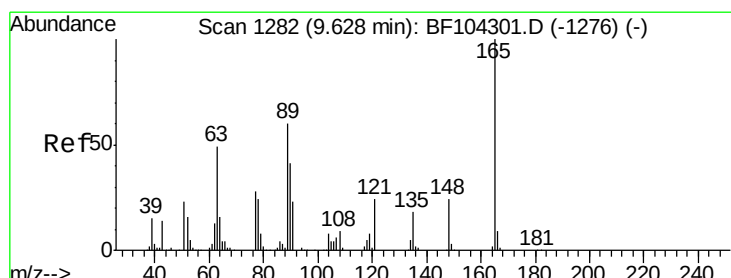
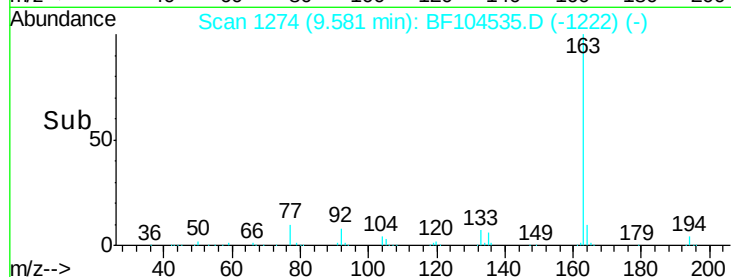
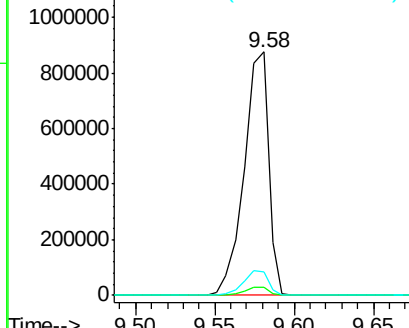


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 45.908 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

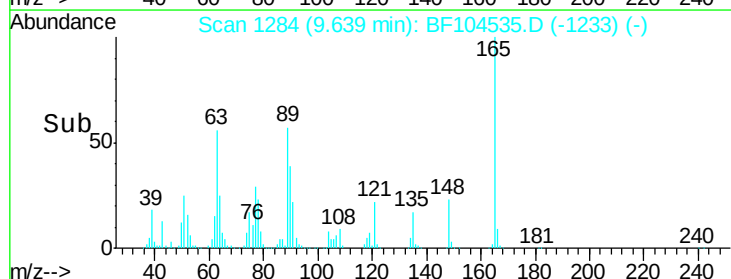
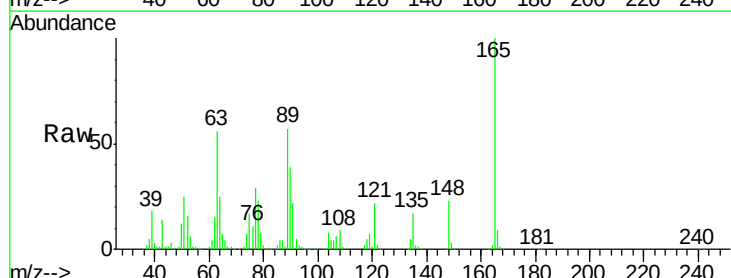
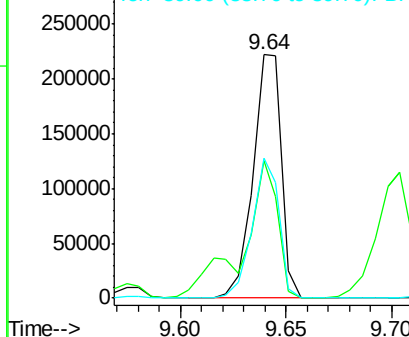
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	207529		
63	56.3		44.7	67.1
89	57.3		44.0	66.0

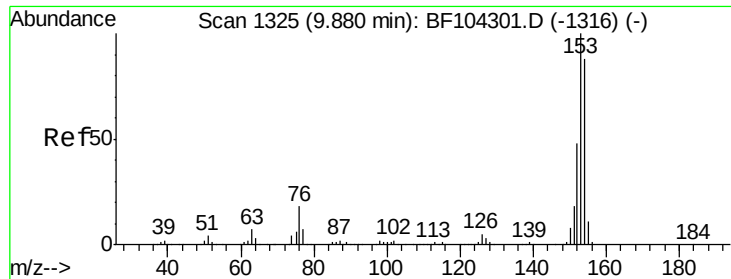
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.266 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

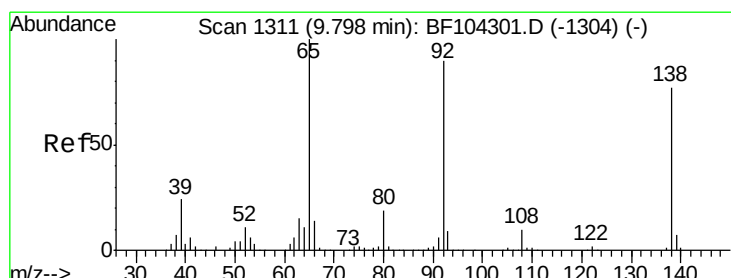
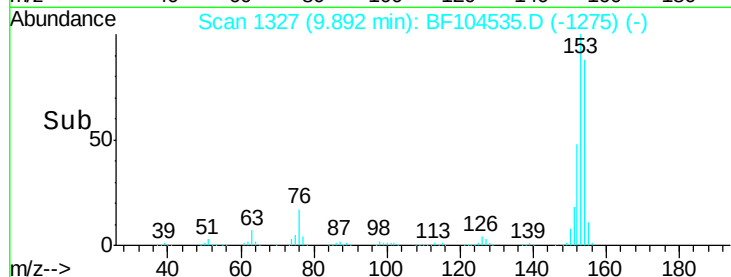
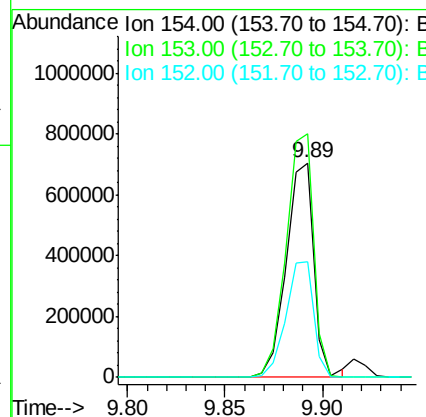
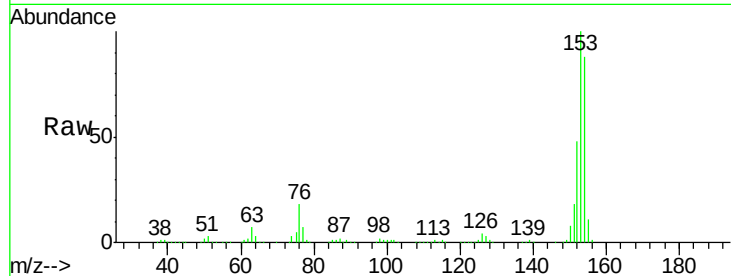
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	693980
Ion Ratio	Lower	Upper	
154	100		
153	113.7	91.2	136.8
152	54.1	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 45.758 ng

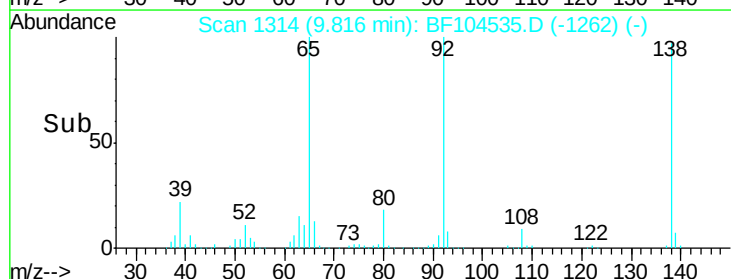
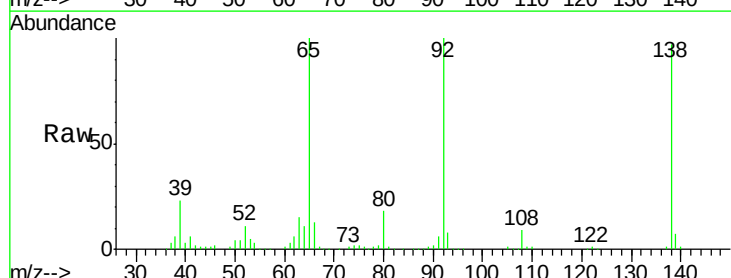
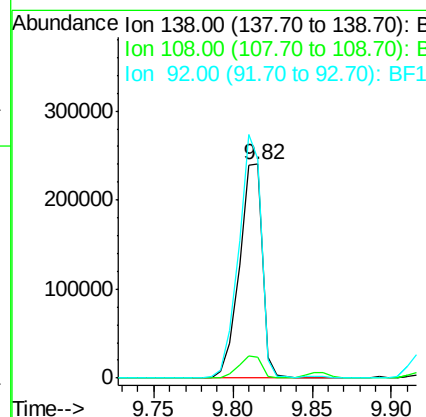
RT: 9.82 min Scan# 1314

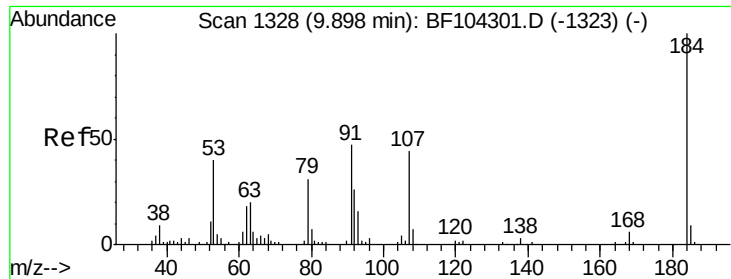
Delta R.T. 0.01 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Tgt Ion:	138	Resp:	242162
Ion Ratio	Lower	Upper	
138	100		
108	9.8	9.4	14.0
92	102.6	89.4	134.2





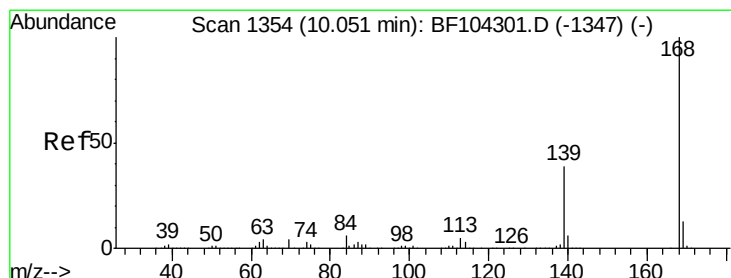
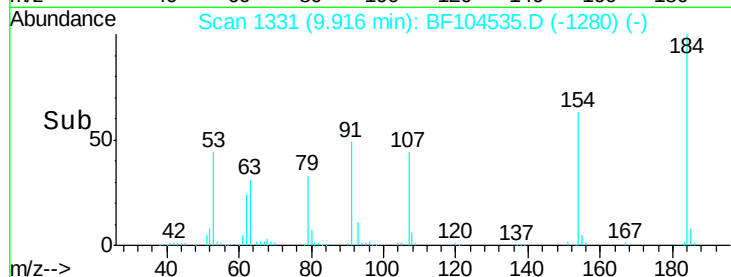
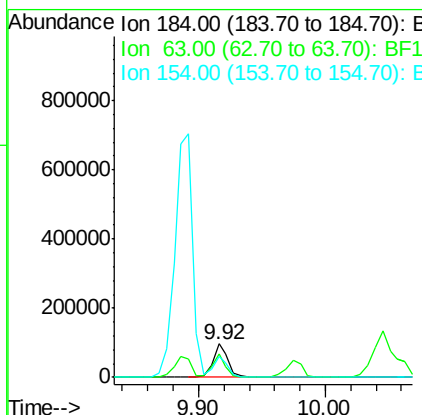
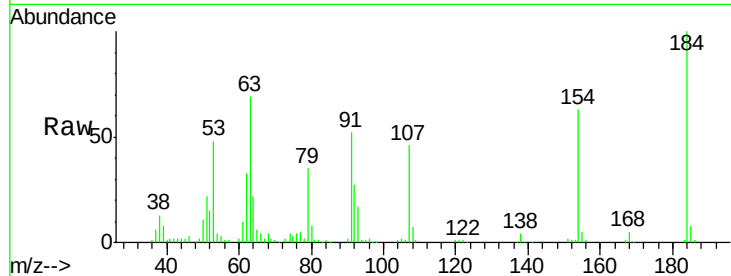
#53
 2,4-Dinitrophenol
 Concen: 53.187 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	68.8	54.2	81.2
154	63.4	184.0	276.0#

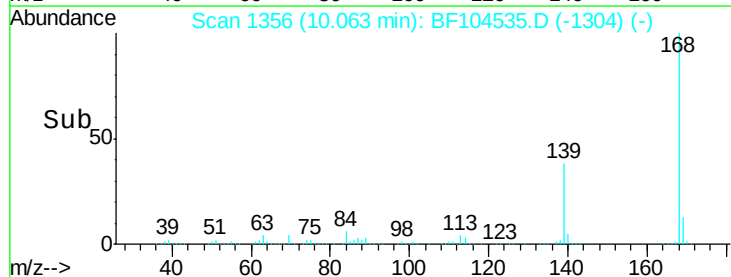
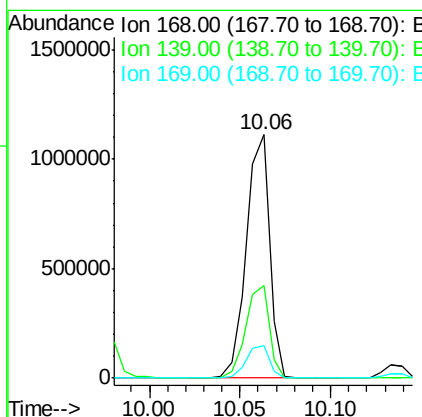
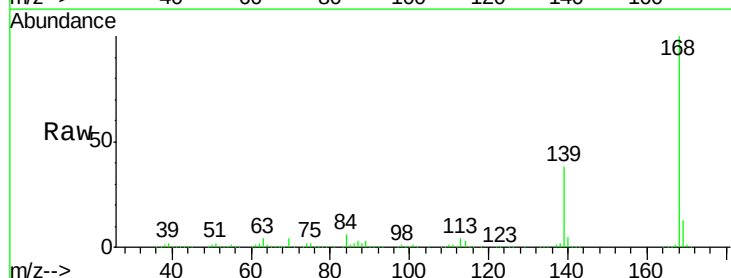
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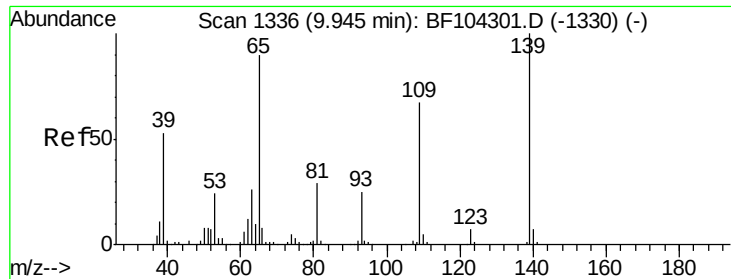
Sohil
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#54
 Dibenzofuran
 Concen: 36.178 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.1	45.1
169	13.1	10.9	16.3





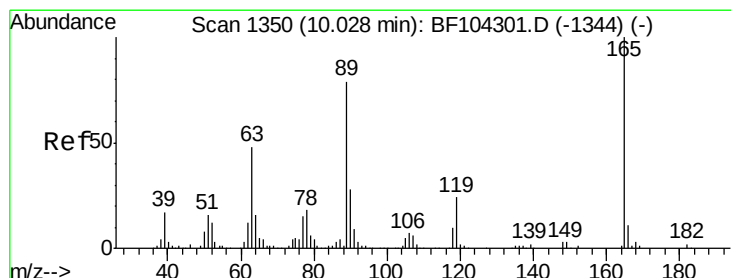
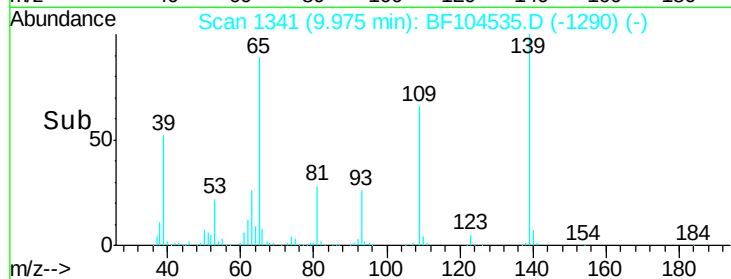
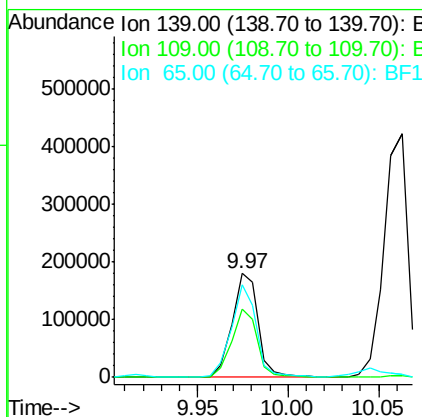
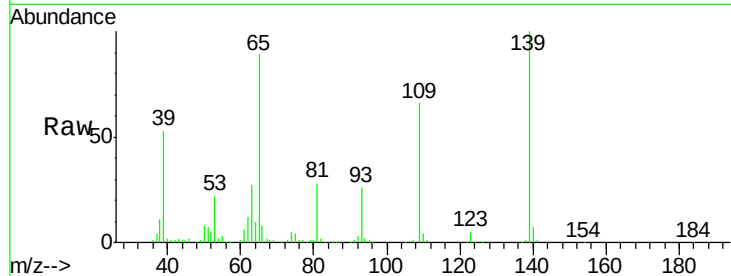
#55
4-Nitrophenol
Concen: 43.405 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
139	100		
109	66.1	48.4	88.4
65	89.2	72.6	112.6

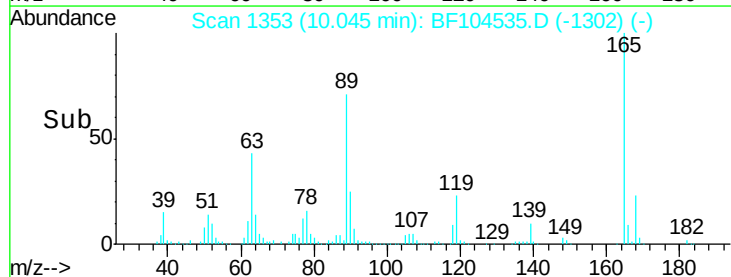
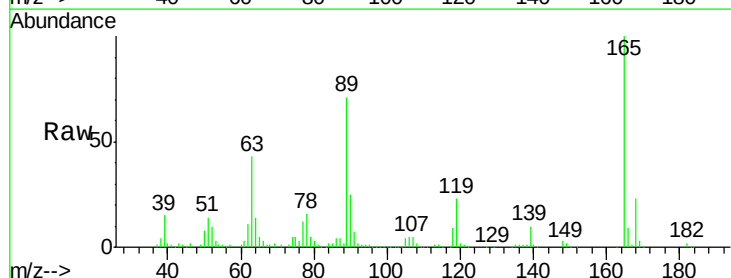
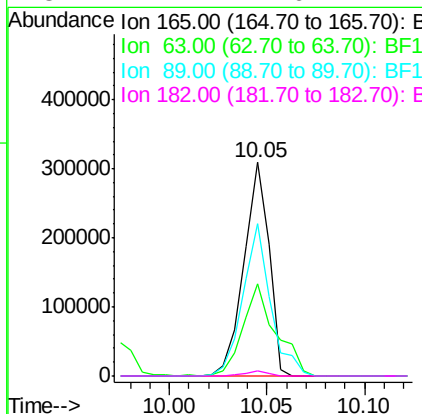
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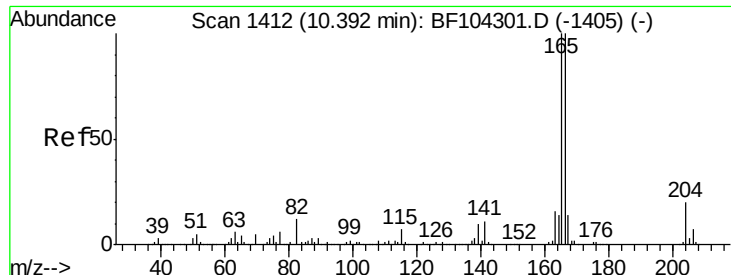
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#56
2,4-Dinitrotoluene
Concen: 46.515 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.9	36.4	54.6
89	71.1	57.8	86.6
182	2.1	1.6	2.4





#57

Fluorene

Concen: 38.599 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

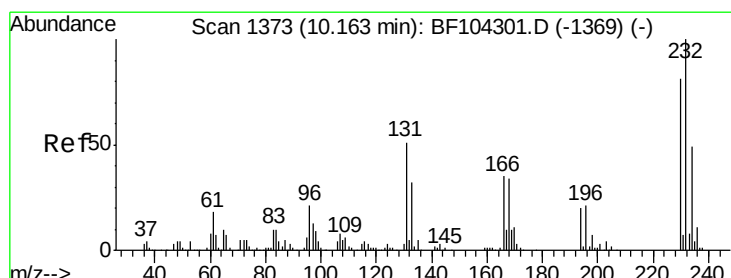
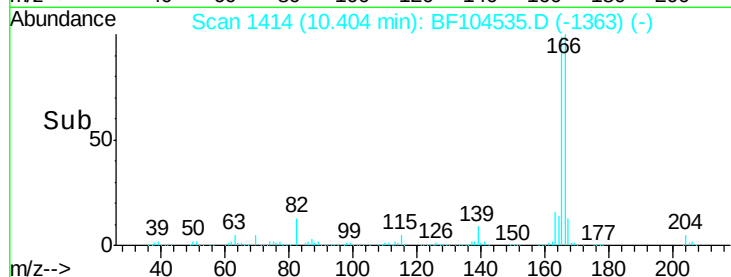
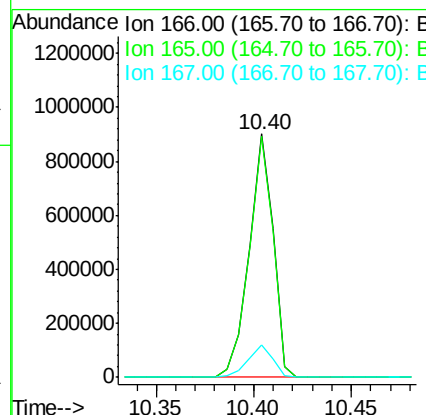
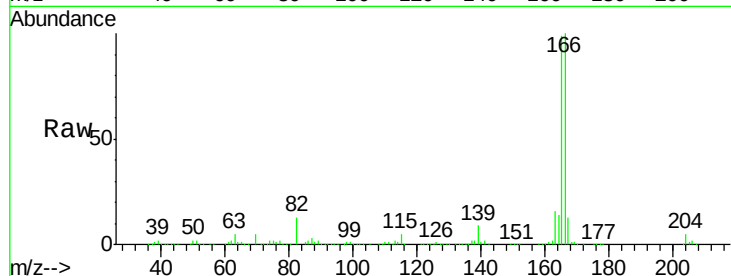
ClientSampleId :

SSTDCCC040EC

Tot Ion:	166	Resp:	770481
Ion Ratio	Lower	Upper	
166	100		
165	99.2	79.8	119.8
167	13.4	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 38.279 ng

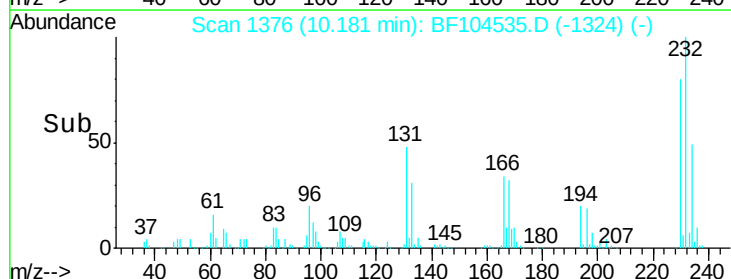
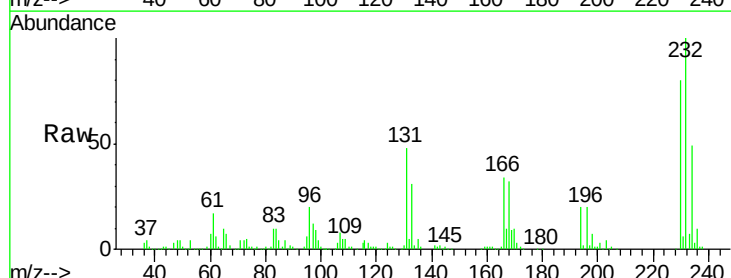
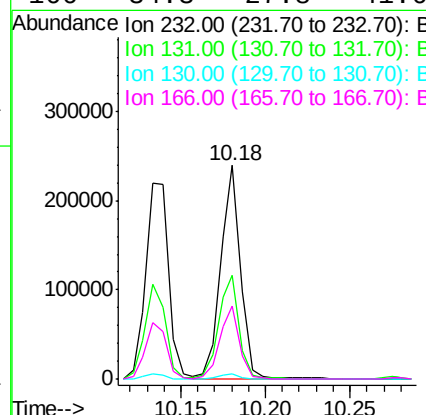
RT: 10.18 min Scan# 1376

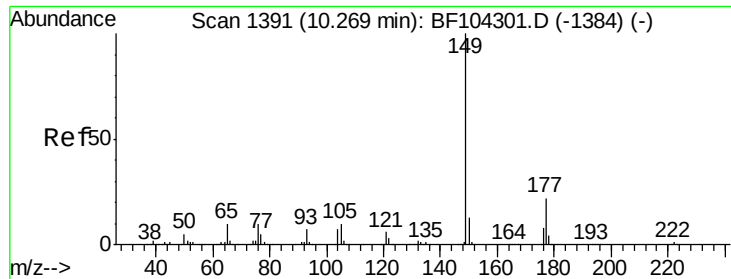
Delta R.T. 0.01 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Tgt Ion:	232	Resp:	196734
Ion Ratio	Lower	Upper	
232	100		
131	49.7	43.8	65.8
130	2.5	2.1	3.1
166	34.3	27.8	41.6





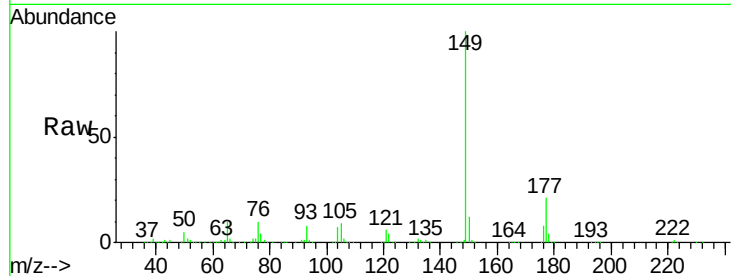
#59
Diethylphthalate
Concen: 37.782 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

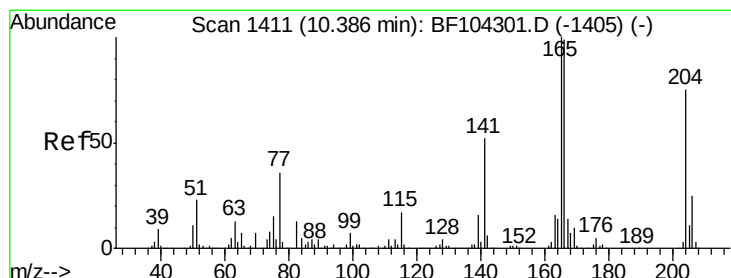
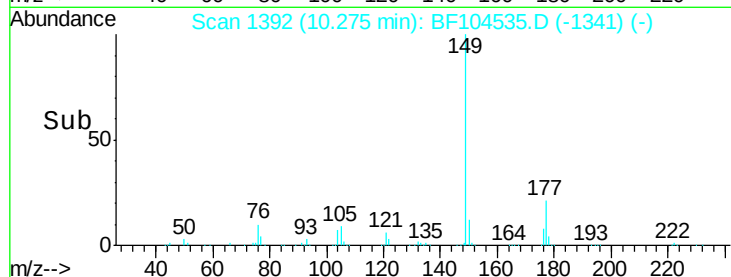
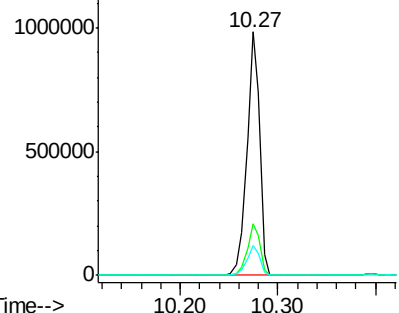
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.1	24.1
150	12.4	10.1	15.1

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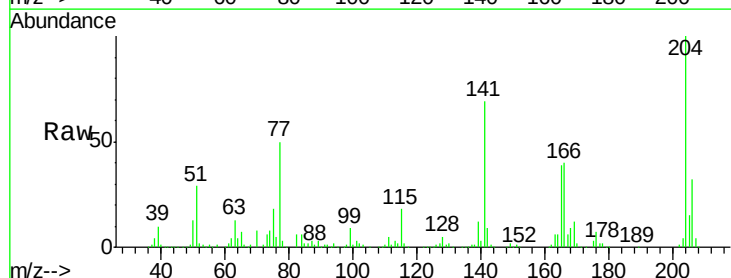


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

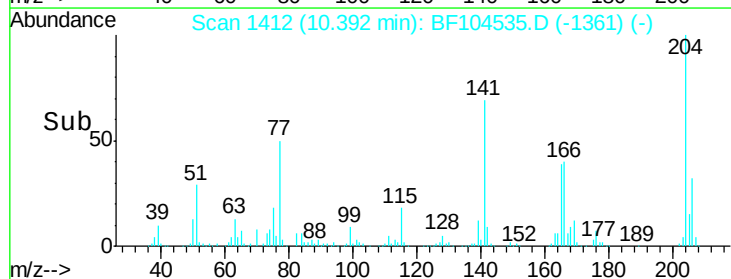
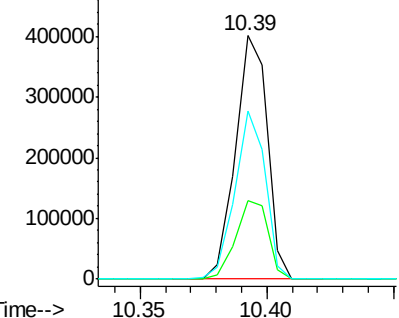


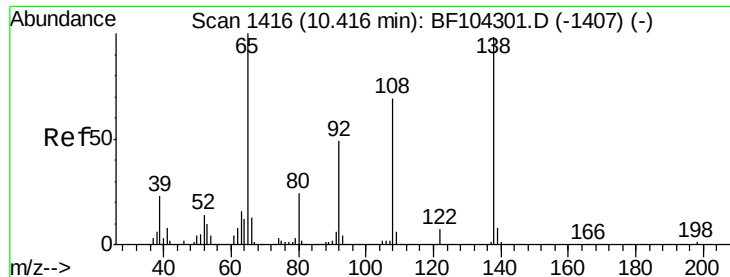
#60
4-Chlorophenyl-phenylether
Concen: 39.485 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	68.8	54.6	81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





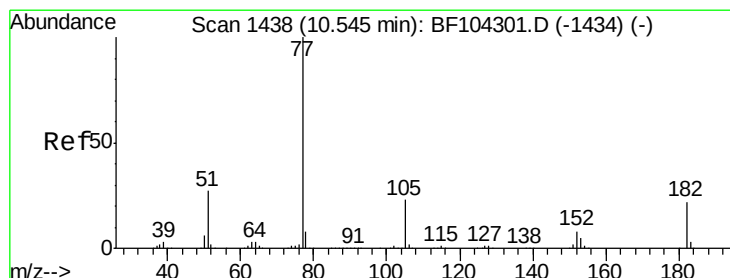
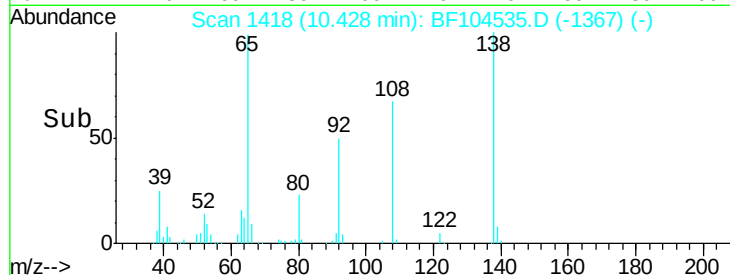
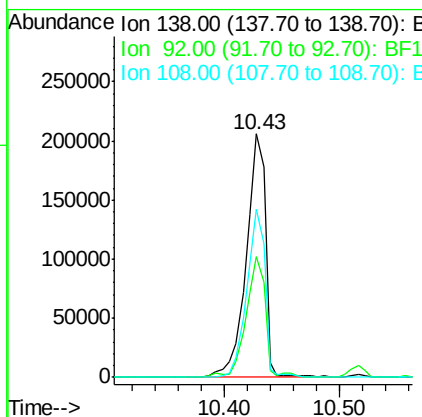
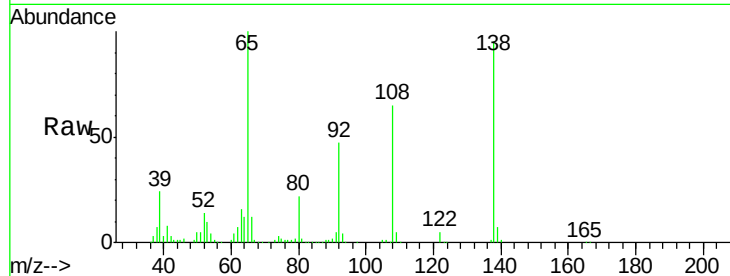
#61
4-Nitroaniline
Concen: 45.918 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.6	30.2	70.2
108	69.0	52.5	92.5

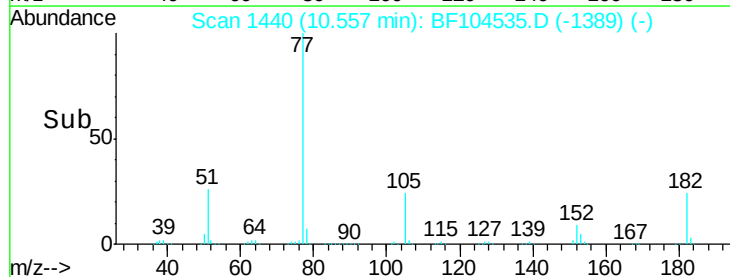
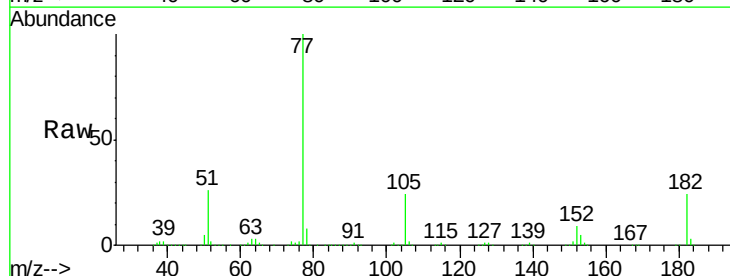
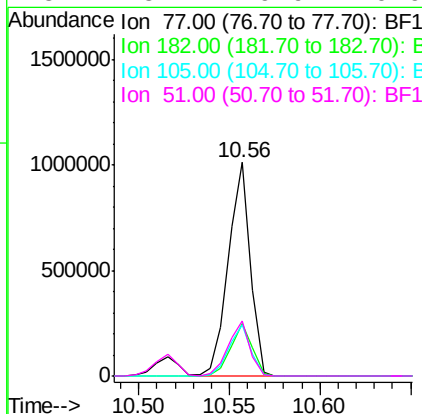
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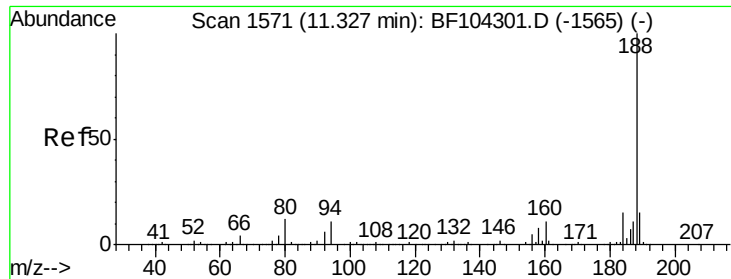
Sohil
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#62
Azobenzene
Concen: 36.772 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.4	1.7	41.7
105	23.9	3.0	43.0
51	25.7	9.9	49.9





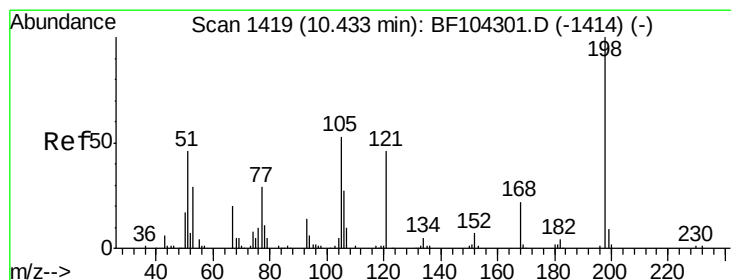
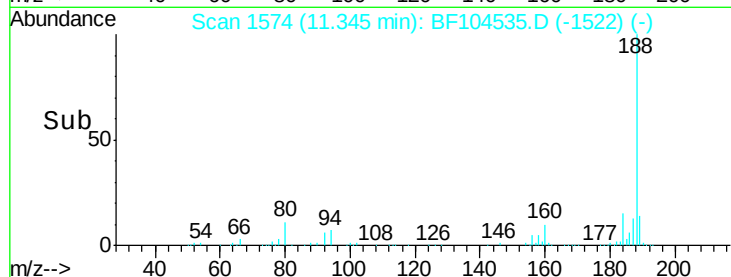
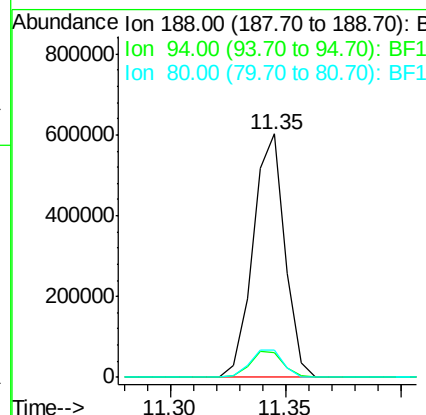
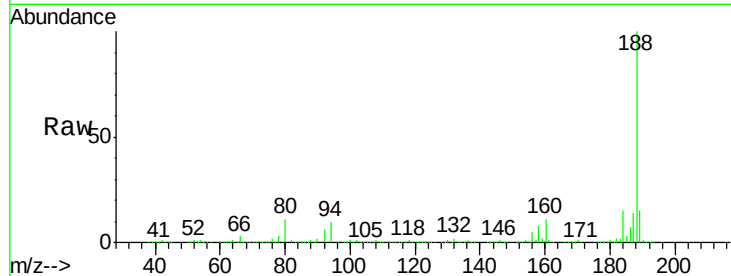
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
188	100	579496		
94	10.2		8.5	12.7
80	11.0		9.2	13.8

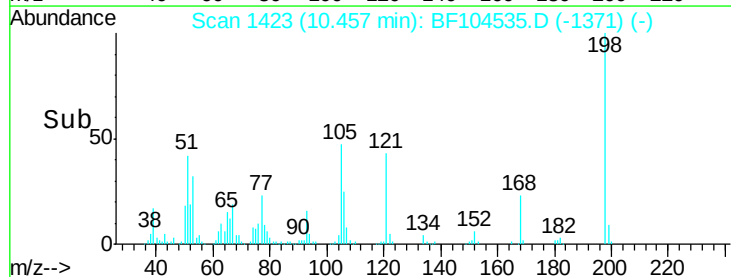
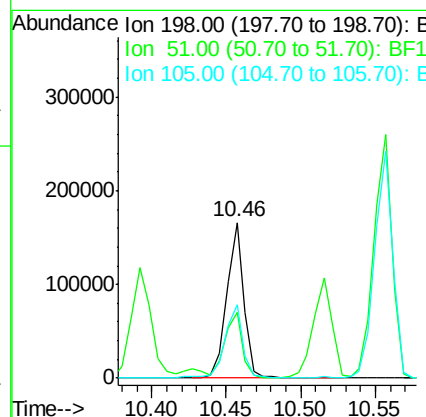
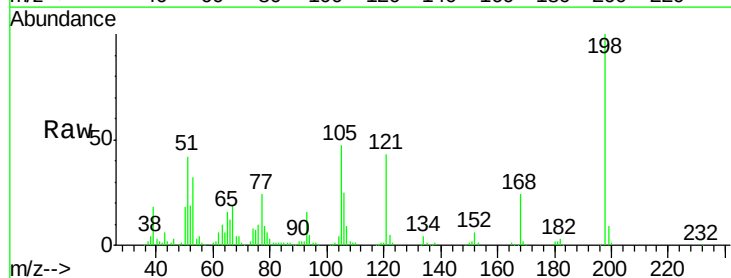
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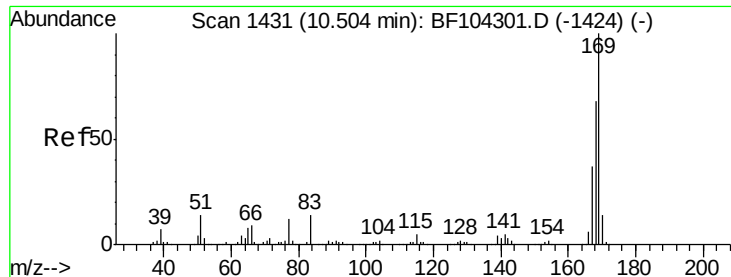
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#64
4,6-Dinitro-2-methylphenol
Concen: 47.757 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	134660		
51	42.4		37.7	77.7
105	47.0		36.3	76.3





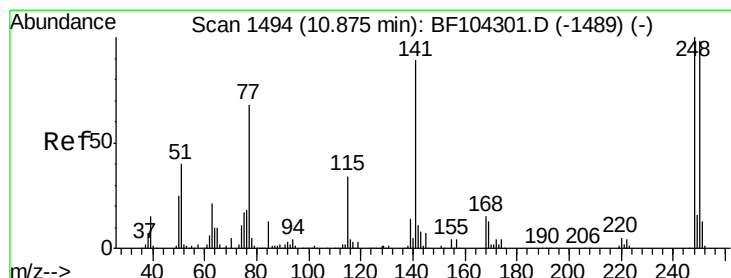
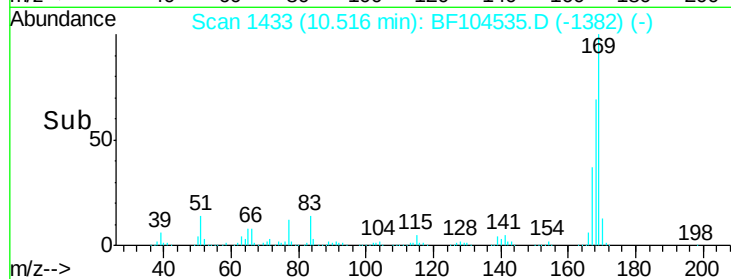
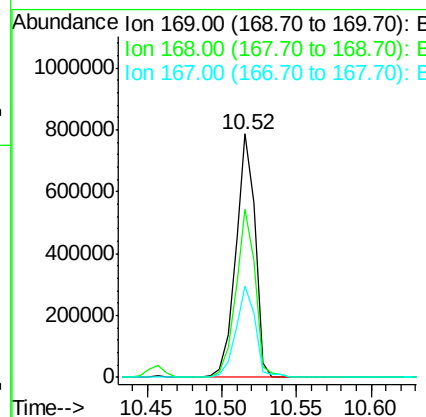
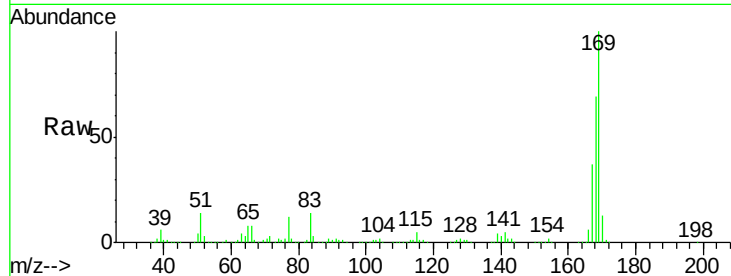
#65
 n-Nitrosodiphenylamine
 Concen: 35.651 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		716329		
168	69.2	54.4	81.6		
167	37.3	29.8	44.6		

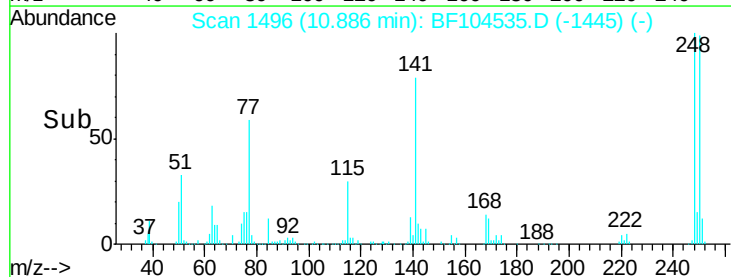
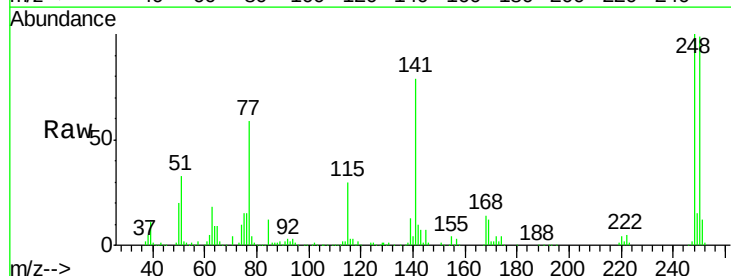
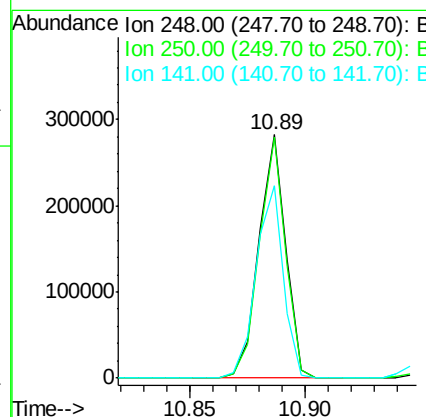
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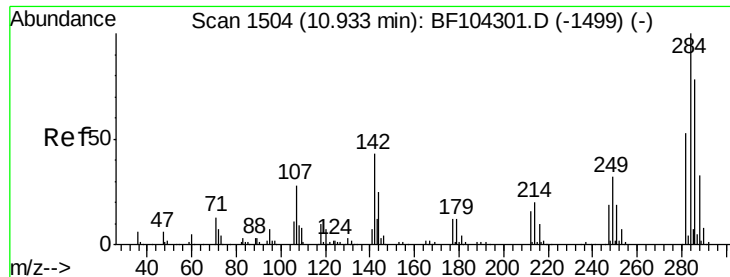
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#66
 4-Bromophenyl-phenylether
 Concen: 37.237 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		229528		
250	98.9	76.9	115.3		
141	79.1	74.4	111.6		





#67

Hexachlorobenzene

Concen: 37.530 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

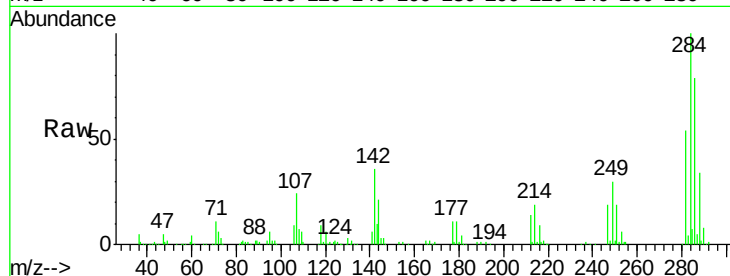
ClientSampleId :

SSTDCCC040EC

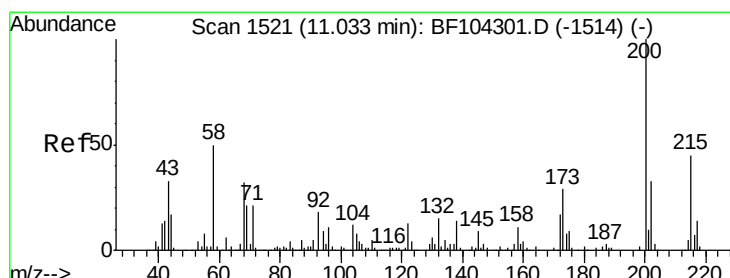
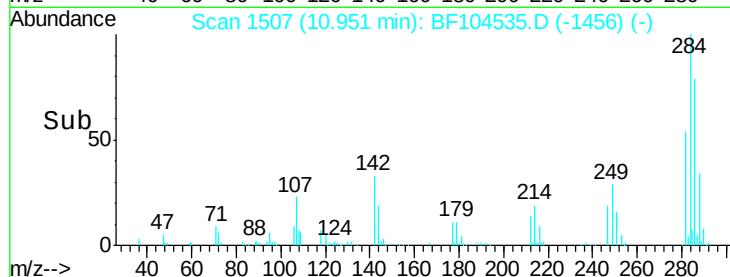
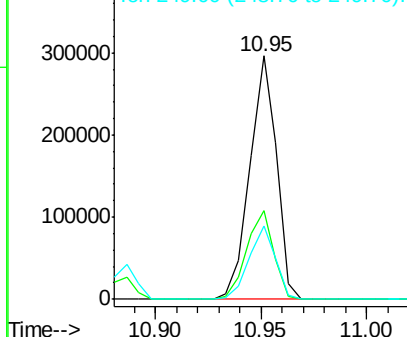
Tot Ion:	284	Resp:	260298
Ion Ratio		Lower	Upper
284	100		
142	36.4	34.6	52.0
249	30.3	24.8	37.2

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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



#68

Atrazine

Concen: 37.334 ng

RT: 11.05 min Scan# 1523

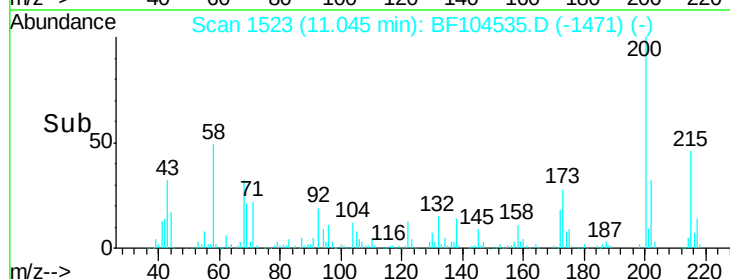
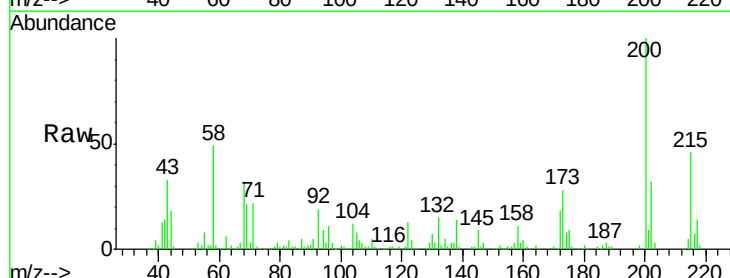
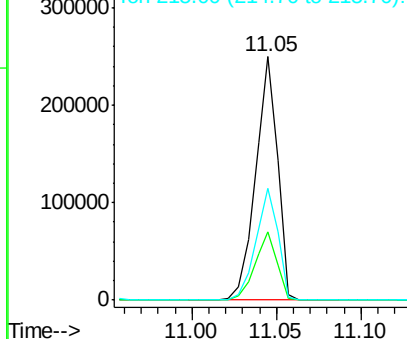
Delta R.T. 0.01 min

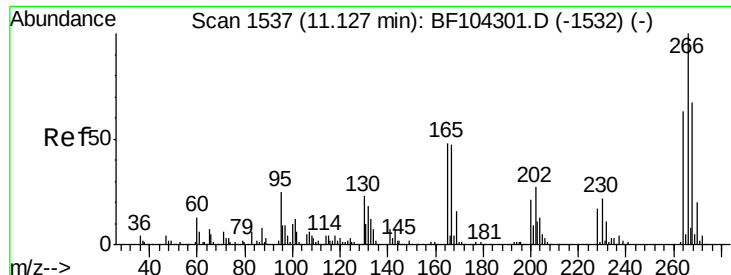
Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Tgt Ion:	200	Resp:	226428
Ion Ratio		Lower	Upper
200	100		
173	28.0	8.6	48.6
215	45.7	25.1	65.1

Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 35.610 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:266 Resp: 152795

Ion Ratio Lower Upper

266 100

268 68.2 51.1 76.7

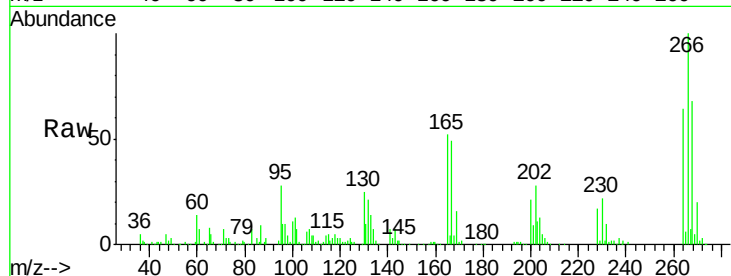
264 64.3 49.5 74.3

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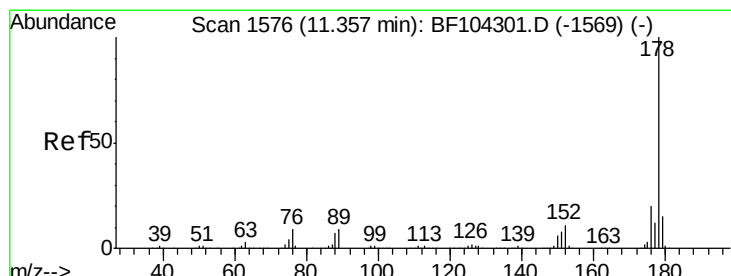
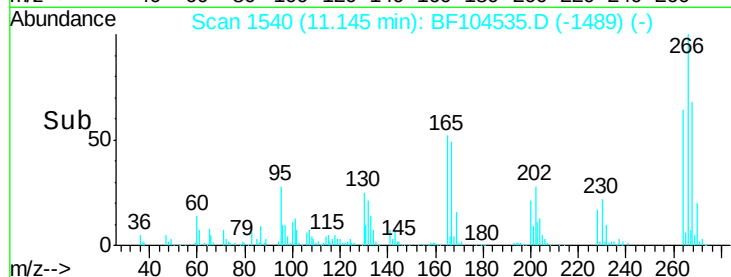
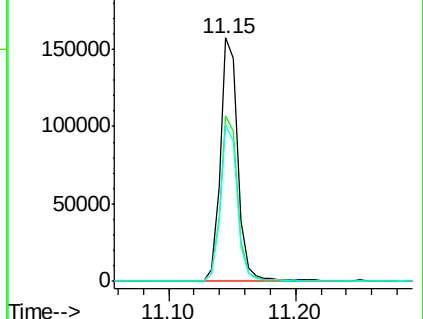
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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 35.452 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

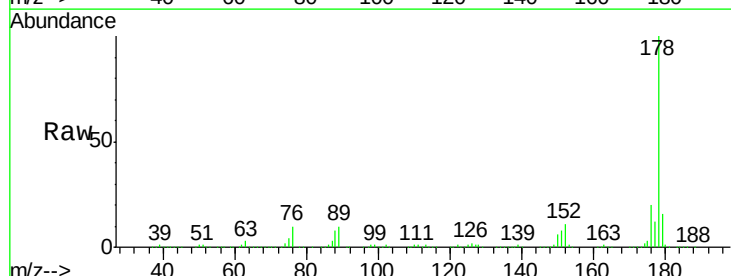
Tgt Ion:178 Resp: 1144094

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

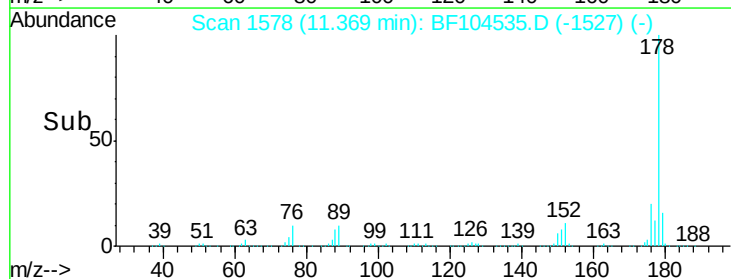
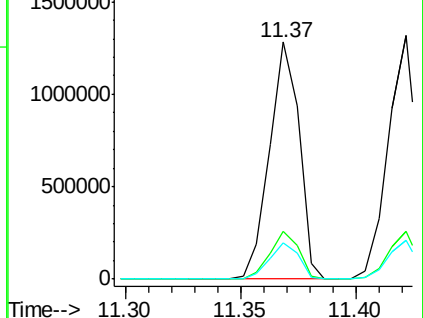
179 15.6 13.0 19.6

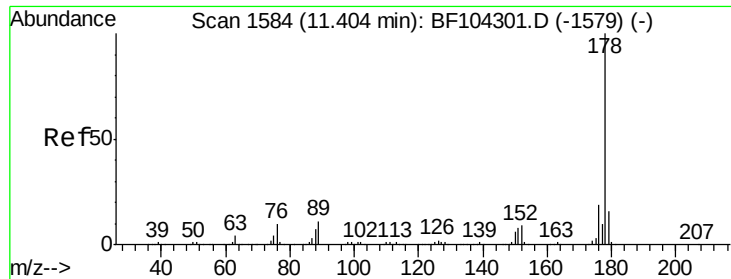


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





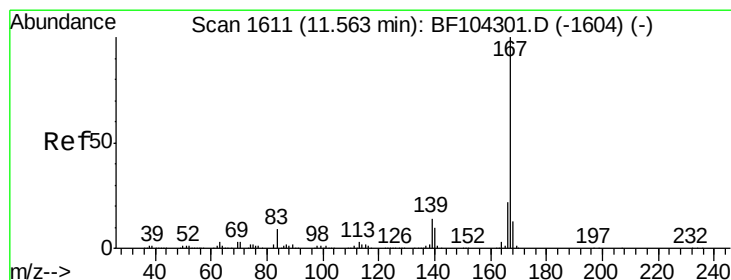
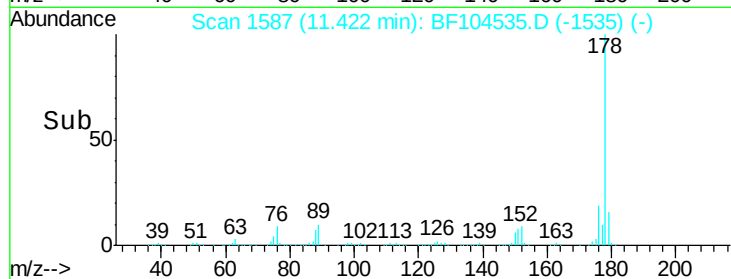
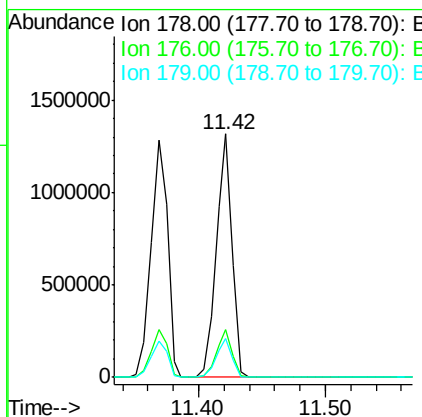
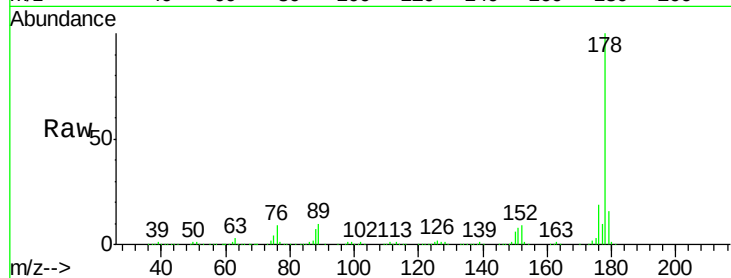
#71
 Anthracene
 Concen: 35.117 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.0	12.6	19.0

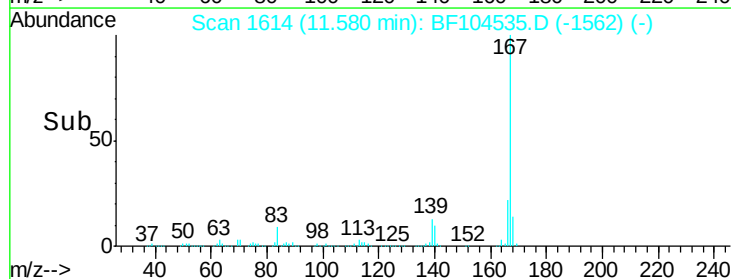
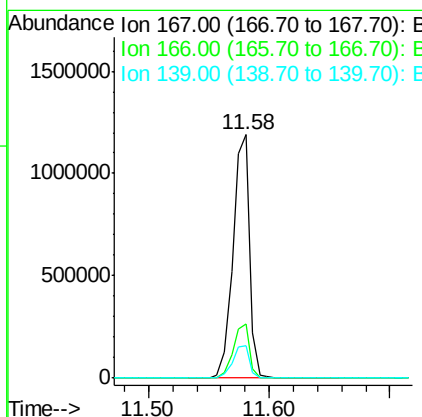
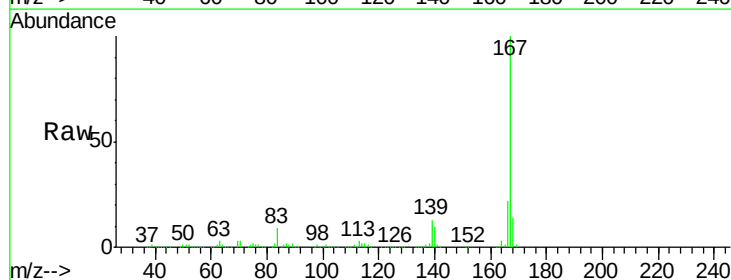
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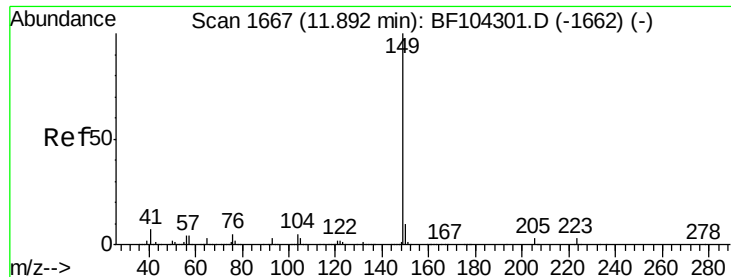
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#72
 Carbazole
 Concen: 35.341 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 36.407 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1425627

Ion Ratio Lower Upper

149 100

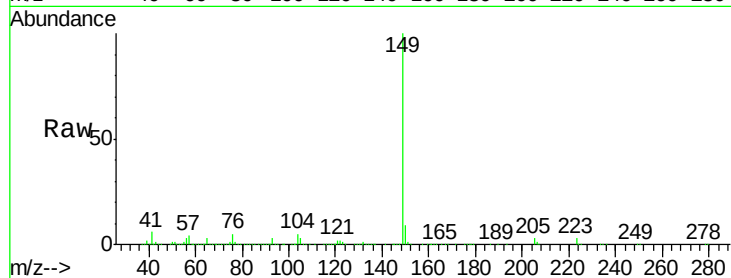
150 9.3 7.8 11.6

104 4.9 3.8 5.8

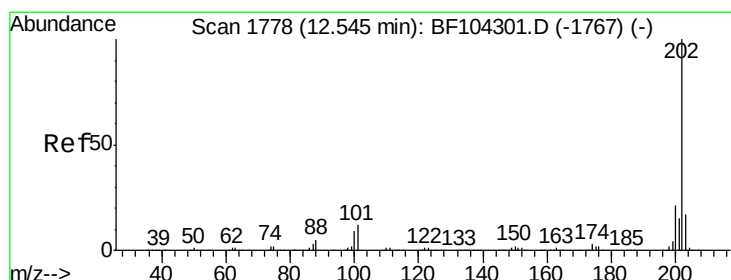
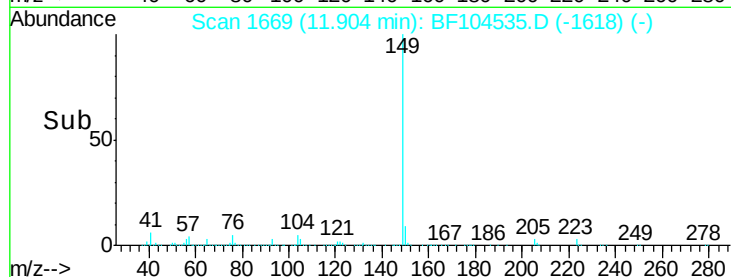
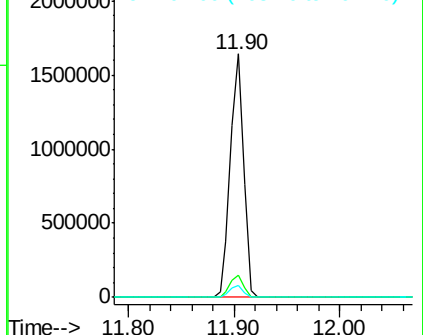
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.475 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

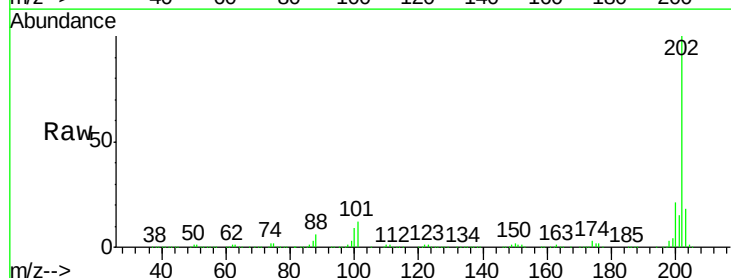
Tgt Ion:202 Resp: 1196123

Ion Ratio Lower Upper

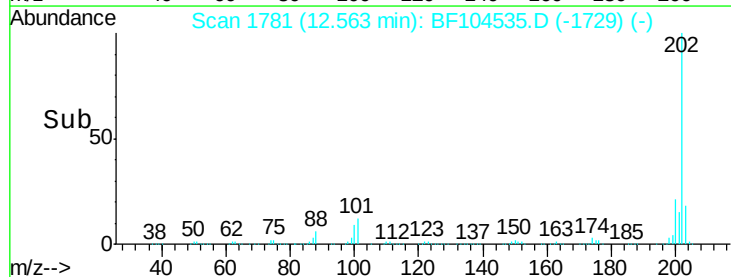
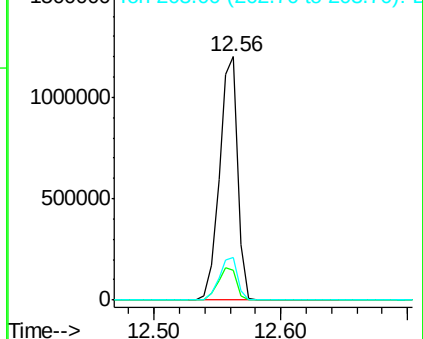
202 100

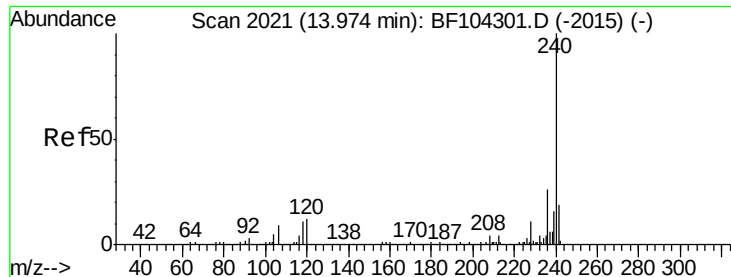
101 12.2 0.0 34.1

203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:240 Resp: 427010

Ion Ratio Lower Upper

240 100

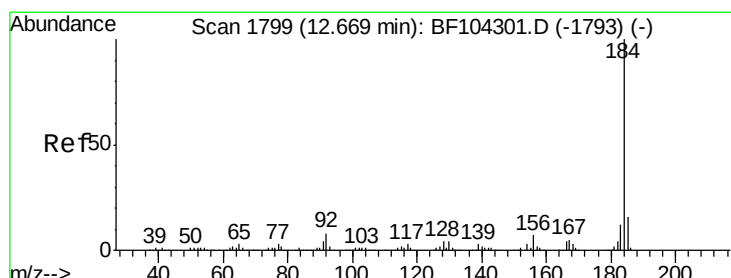
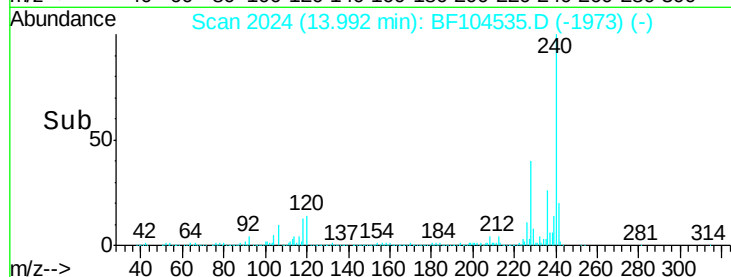
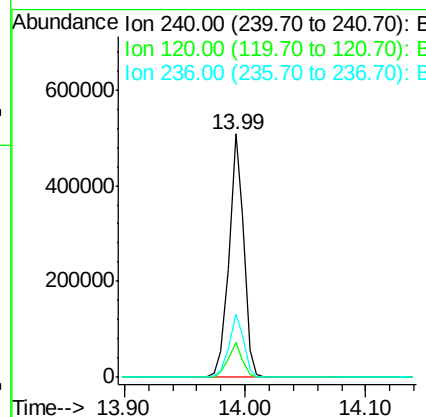
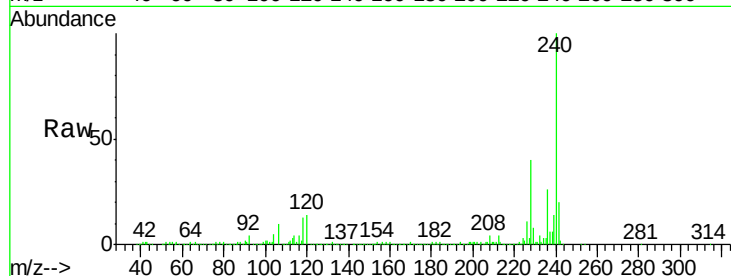
120 14.5 9.5 14.3#

236 25.8 20.7 31.1

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#76

Benzidine

Concen: 16.926 ng m

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

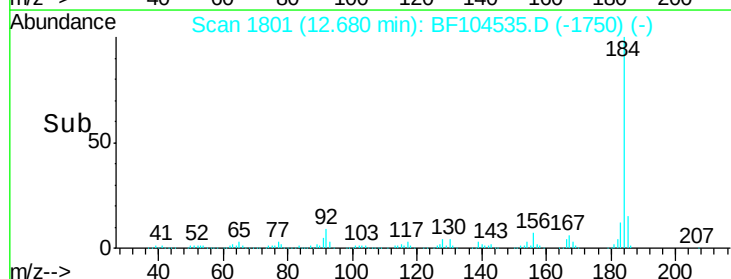
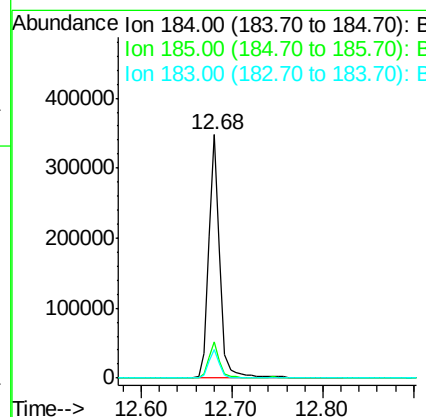
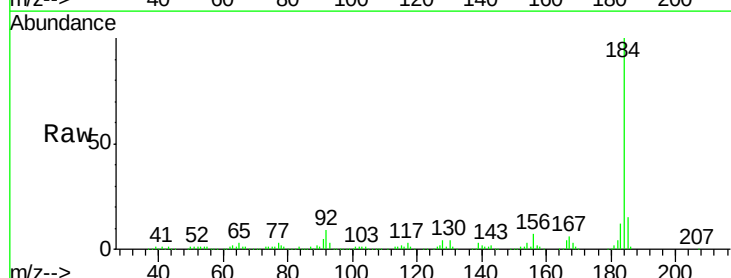
Tgt Ion:184 Resp: 304185

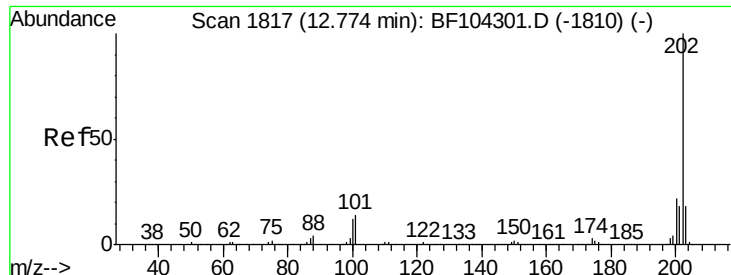
Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

183 11.7 9.3 13.9





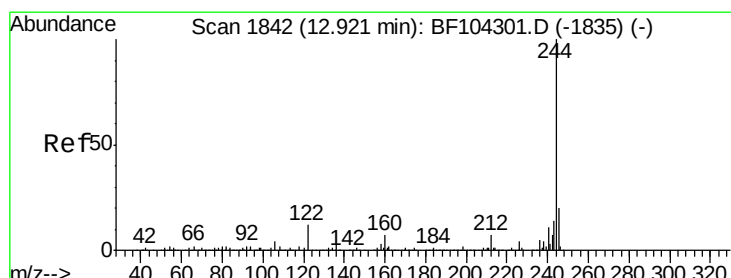
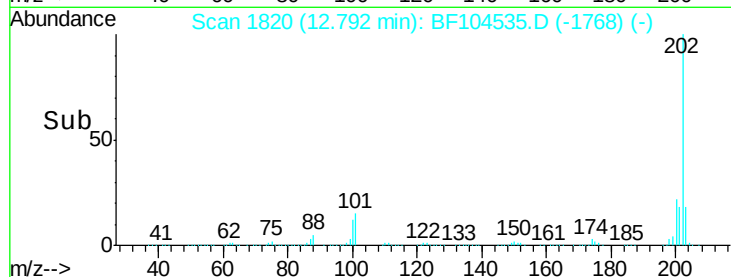
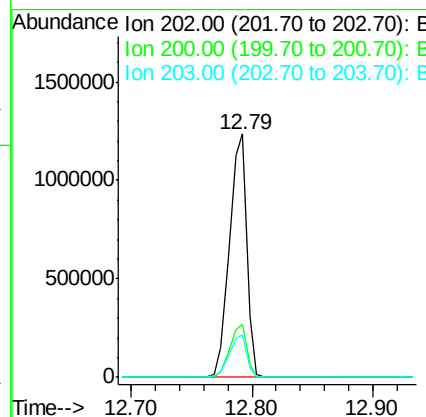
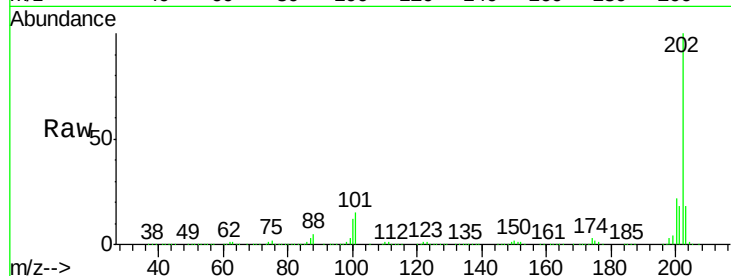
#77
Pvrene
Concen: 38.621 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.7	14.3	21.5

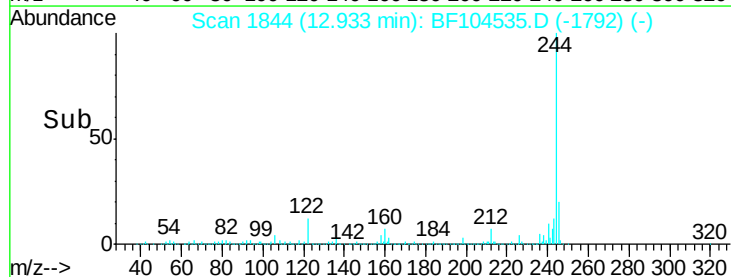
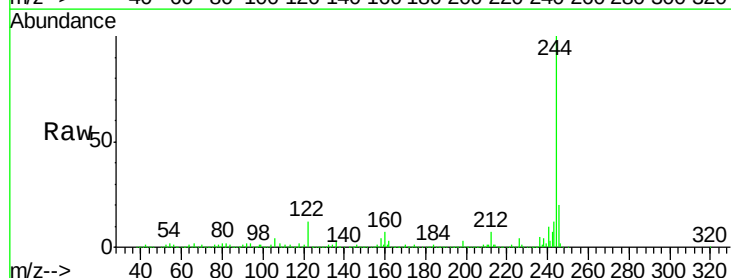
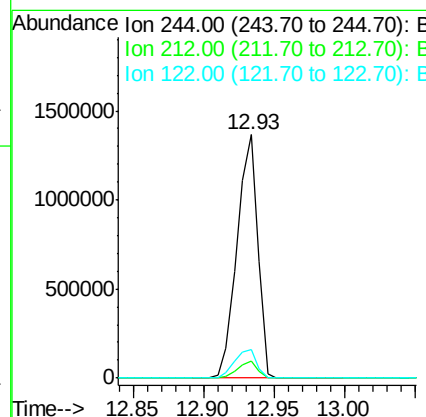
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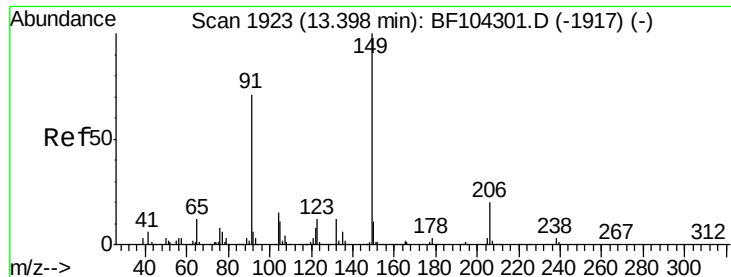
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#78
Terphenyl-d14
Concen: 74.565 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.01 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.9	11.0	16.4





#79

Butylbenzylphthalate

Concen: 40.526 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

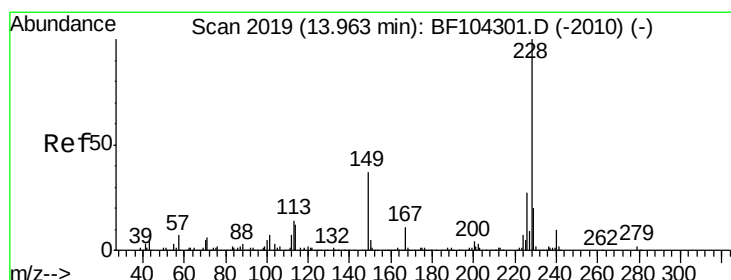
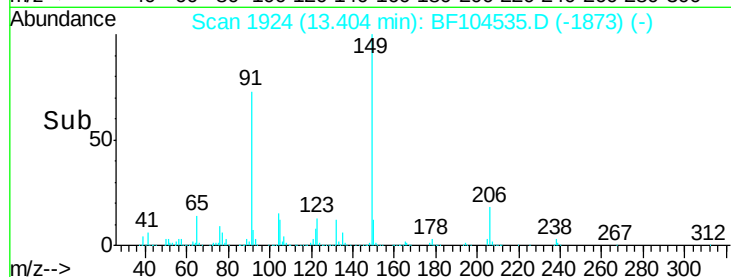
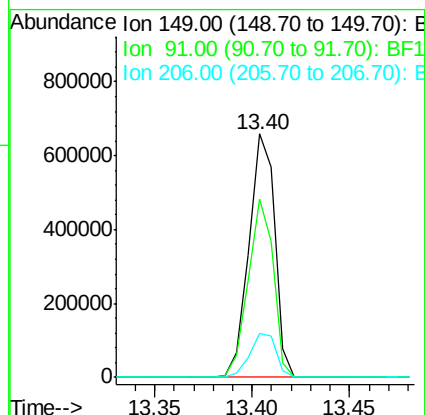
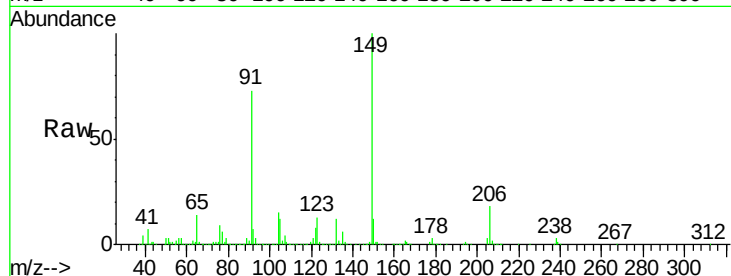
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	604301
Ion Ratio	Lower	Upper	
149	100		
91	73.3	56.8	85.2
206	17.9	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 38.796 ng

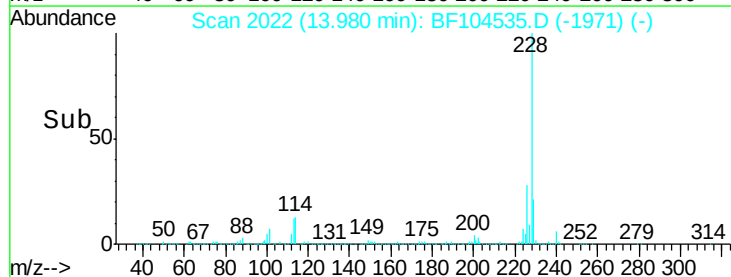
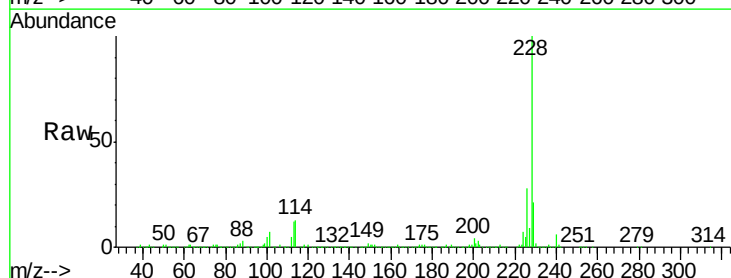
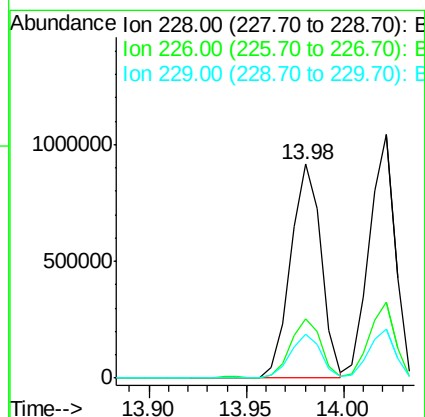
RT: 13.98 min Scan# 2022

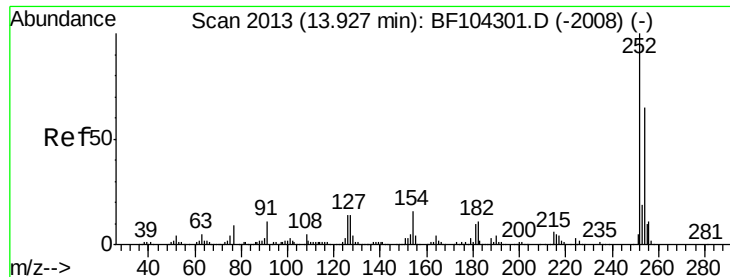
Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Tgt Ion:	228	Resp:	989682
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	20.5	15.8	23.6





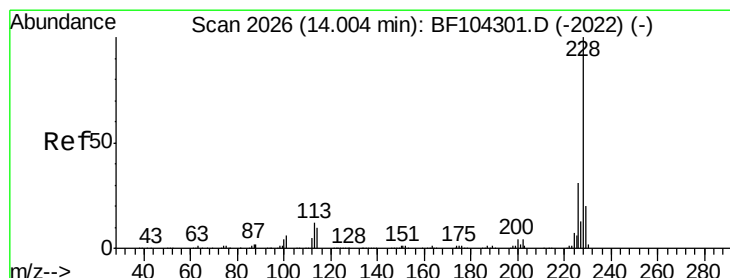
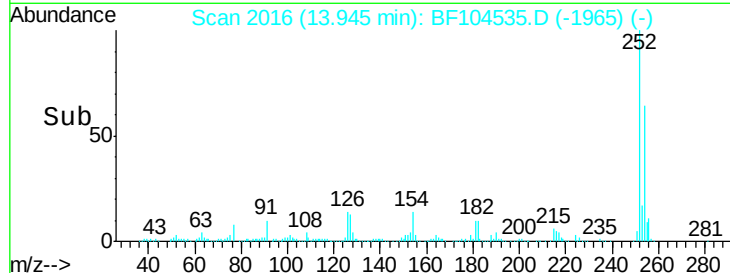
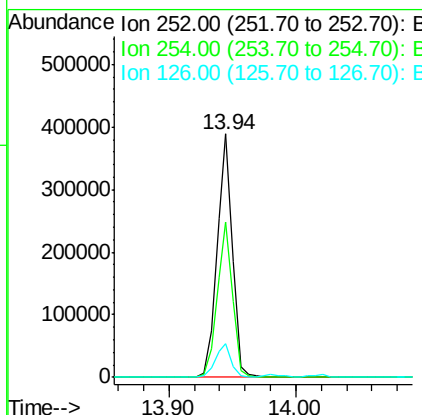
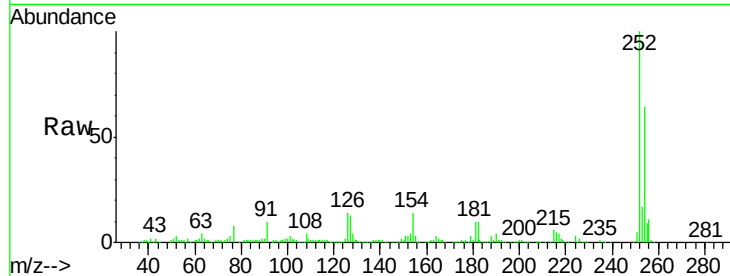
#81
 3,3'-Dichlorobenzidine
 Concen: 34.900 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
252	100	331956		
254	63.8	50.4	75.6	
126	13.6	11.3	16.9	

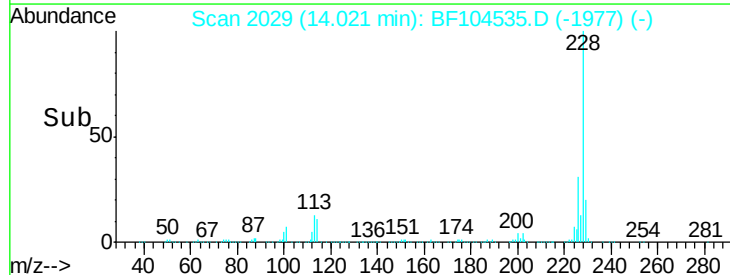
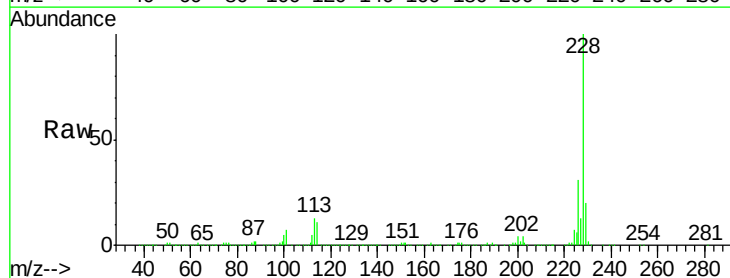
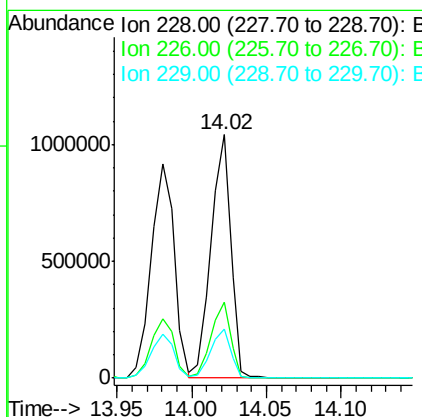
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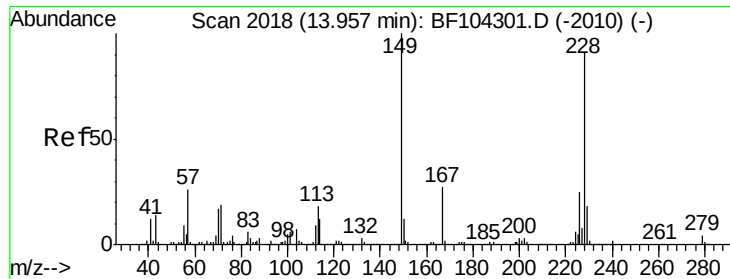
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#82
 Chrysene
 Concen: 36.602 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	959078		
226	31.2	25.0	37.6	
229	20.0	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.922 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

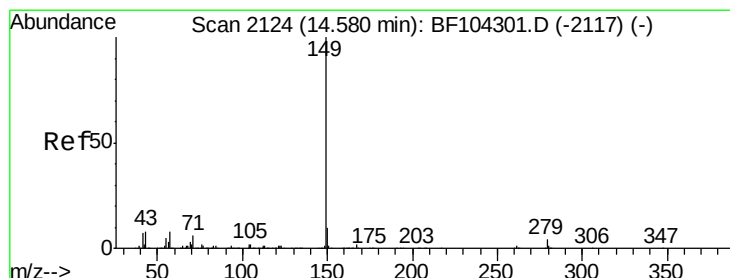
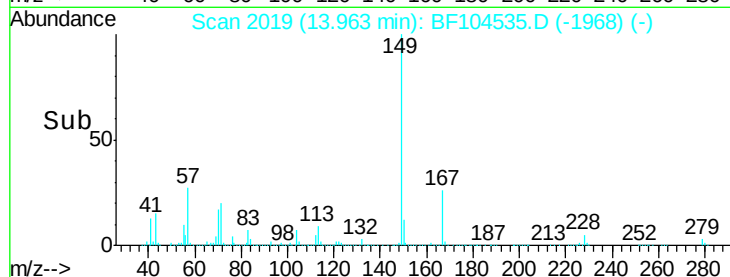
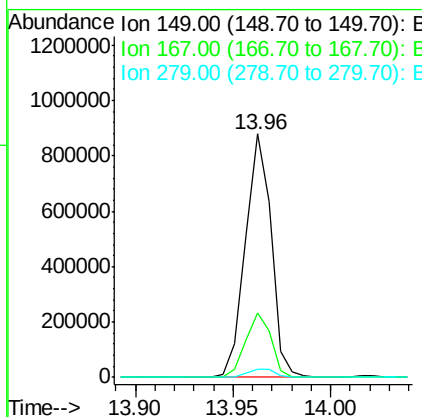
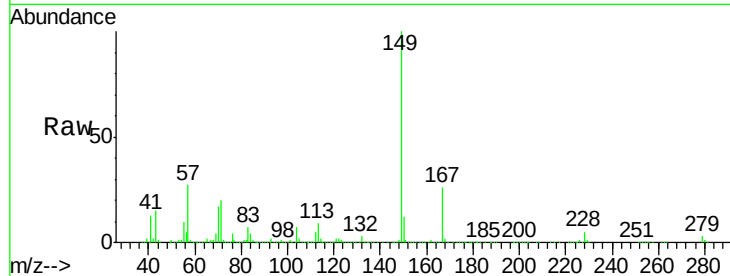
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	804057
Ion Ratio		Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.4	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 37.302 ng

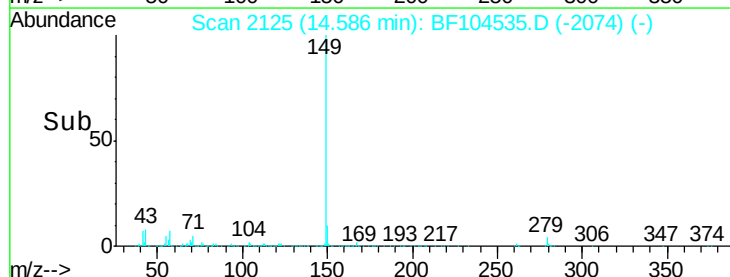
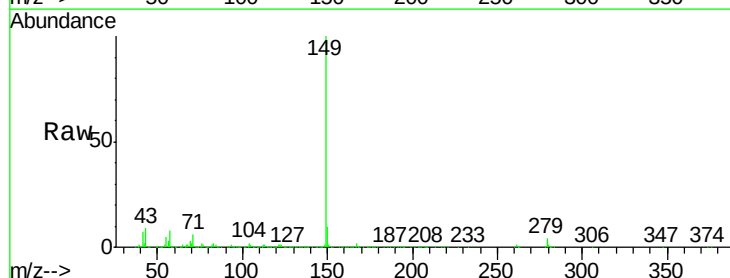
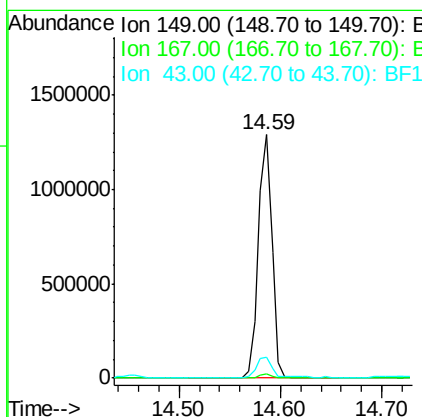
RT: 14.59 min Scan# 2125

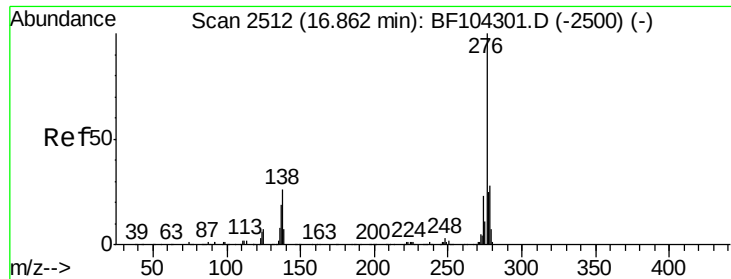
Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Tgt Ion:	149	Resp:	1195447
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.8	8.4	12.6





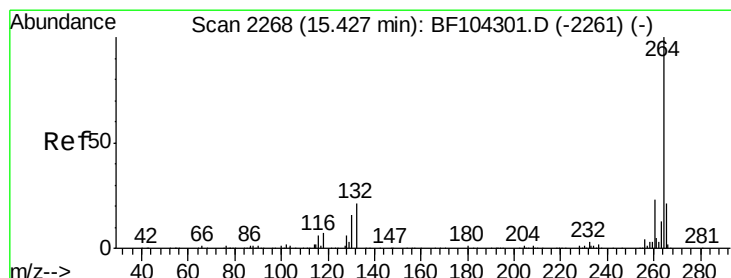
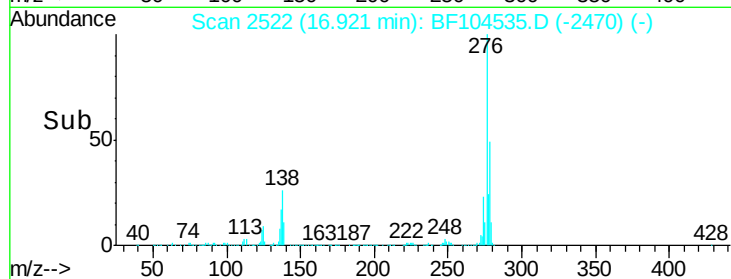
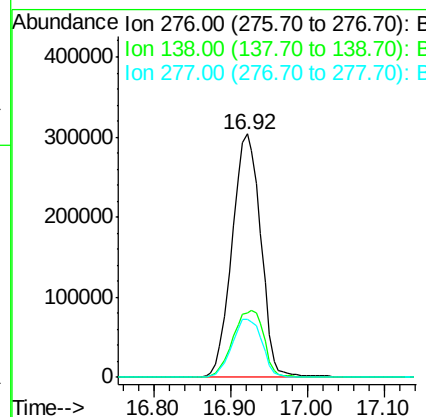
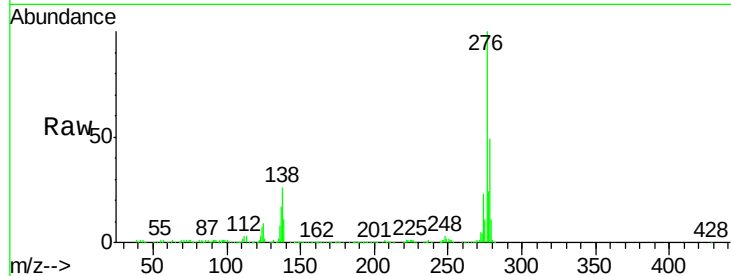
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.718 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.2	25.0	37.6
277	25.2	20.1	30.1

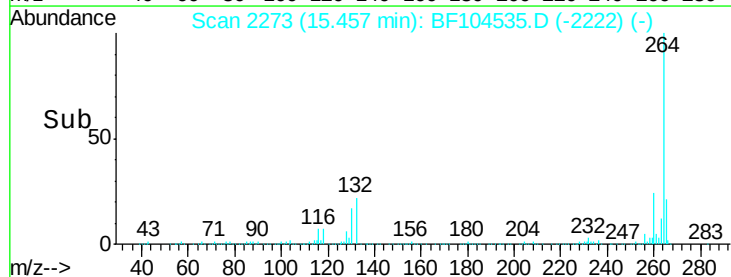
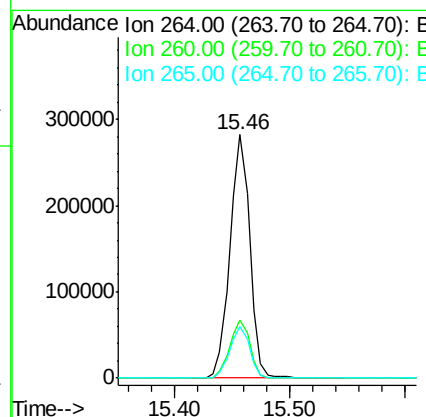
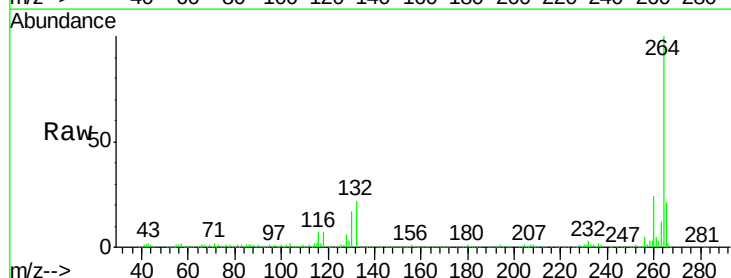
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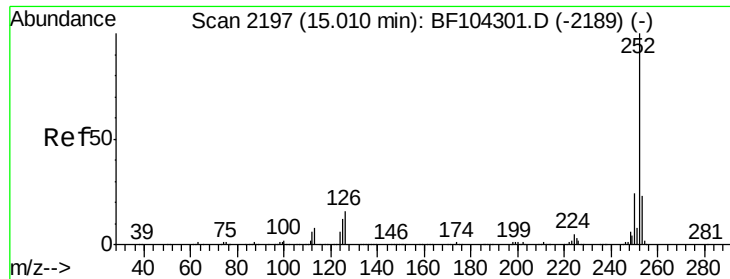
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 37.770 ng

RT: 15.03 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Instrument :

BNA_F

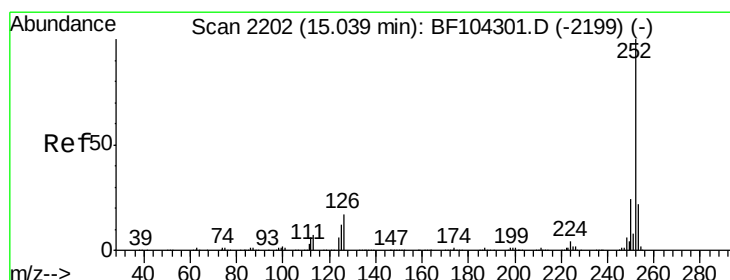
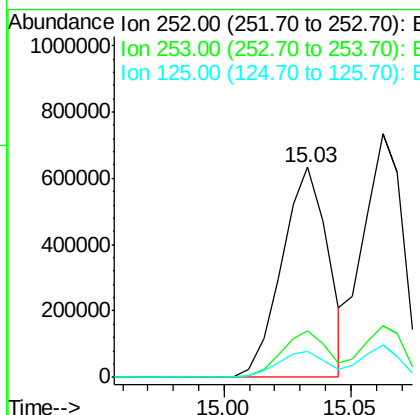
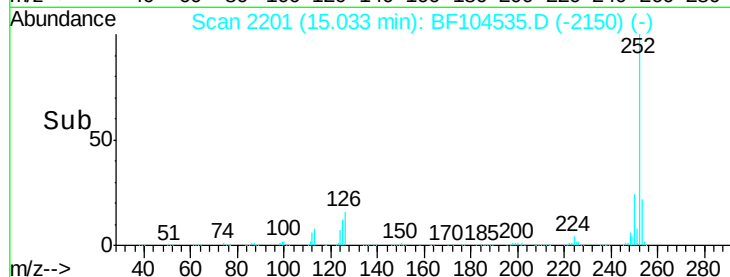
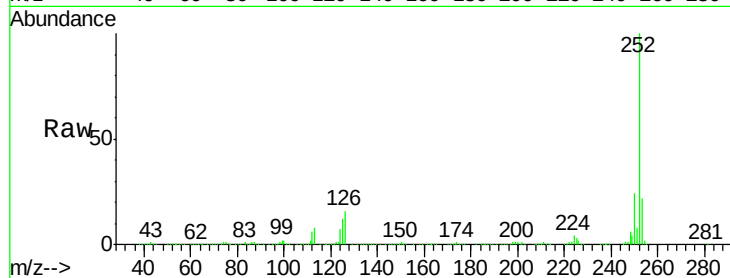
ClientSampleId :

SSTDCCC040EC

Tot Ion:	252	Resp:	802596
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.0	25.6
125	12.4	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 40.306 ng

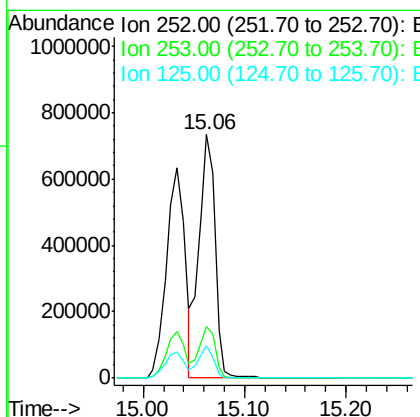
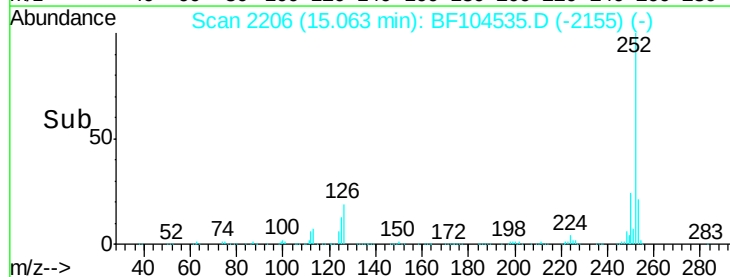
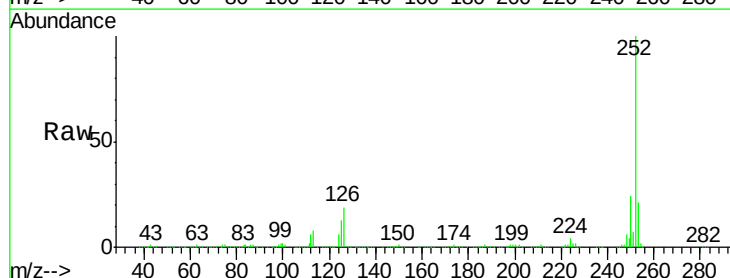
RT: 15.06 min Scan# 2206

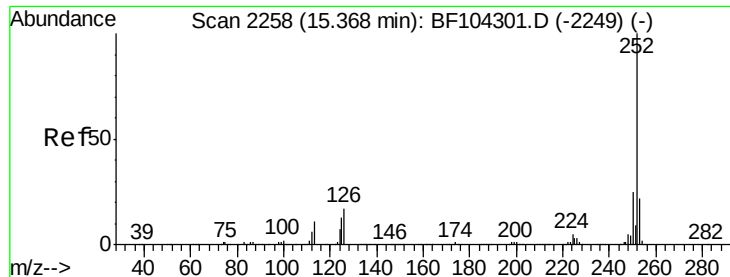
Delta R.T. -0.00 min

Lab File: BF104535.D

Acq: 16 Apr 2018 16:13

Tgt Ion:	252	Resp:	808580
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.9	26.9
125	13.2	10.2	15.2





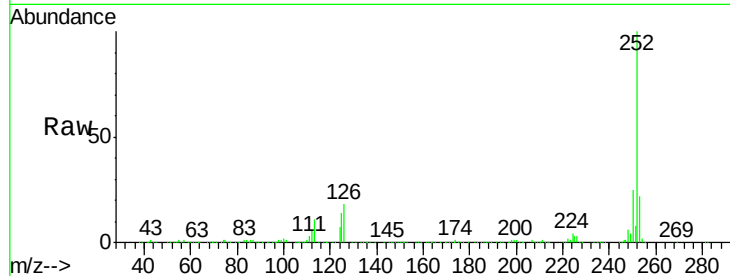
#89
Benzo(a)pyrene
Concen: 38.214 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

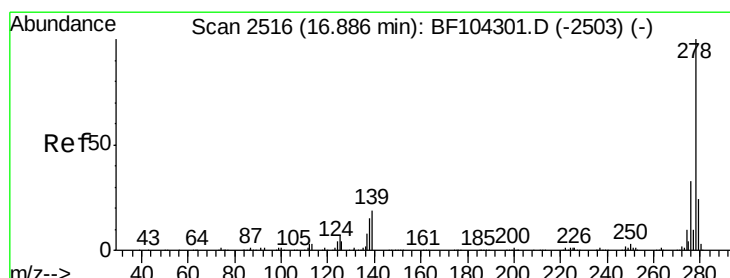
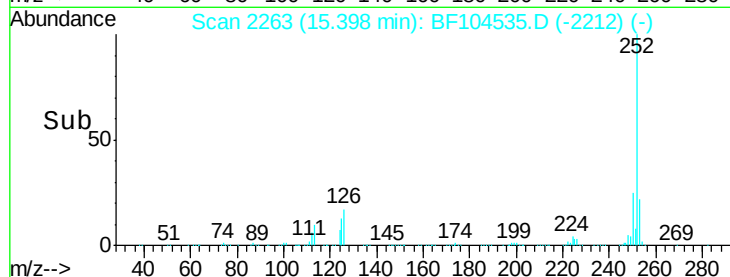
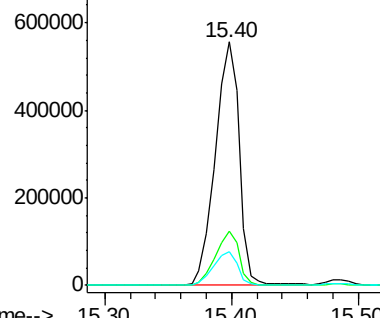
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	13.7	9.8	14.6

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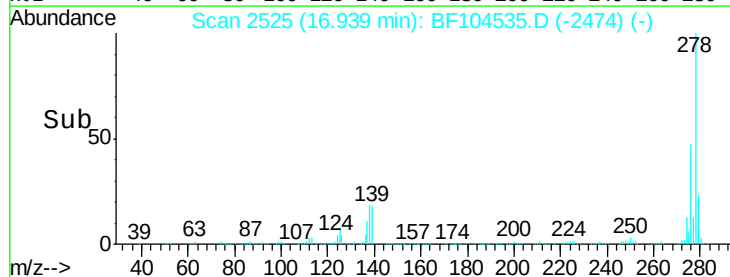
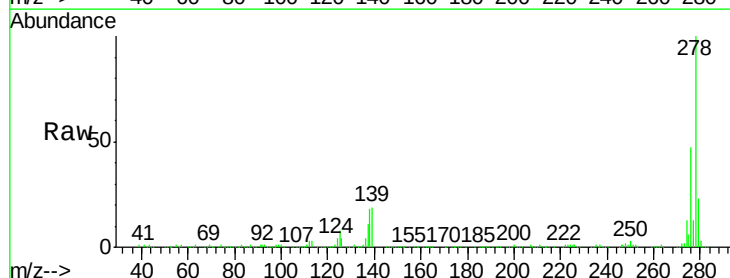
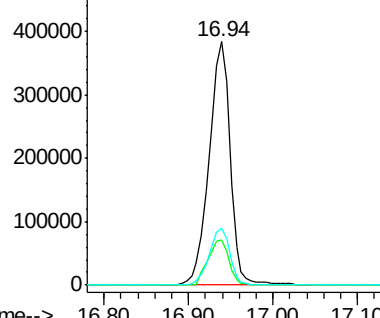
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

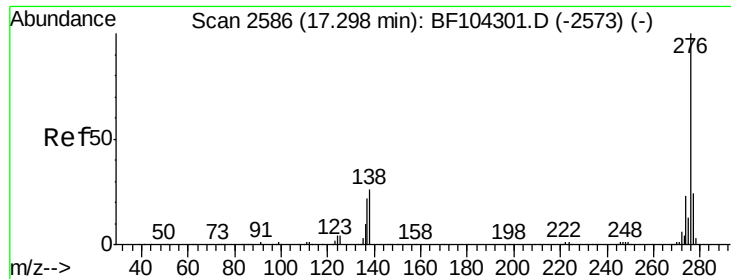


#90
Dibenzo(a,h)anthracene
Concen: 42.144 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.00 min
Lab File: BF104535.D
Acq: 16 Apr 2018 16:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	15.9	23.9
279	23.5	19.0	28.4

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





#91
 Benzo(a,h,i)perylene
 Concen: 44.880 ng
 RT: 17.37 min Scan# 2598
 Delta R.T. 0.01 min
 Lab File: BF104535.D
 Acq: 16 Apr 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	25.1	21.8	32.8

Manual Integrations
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