

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103648.D
 Acq On : 14 Mar 2018 18:39
 Operator : SJ/JU
 Sample : J1911-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMSD

Manual Integrations
 APPROVED

Sohil
 3/15/2018 6:57:39 PM

Quant Time: Mar 15 10:57:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	121914	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	479624	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	188864	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	272762	20.00	ng	0.00
75) Chrysene-d12	14.06	240	193966	20.00	ng	0.00
86) Perylene-d12	15.57	264	189954	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	731844	90.79	ng	0.00
7) Phenol-d6	6.50	99	892500	90.48	ng	0.00
23) Nitrobenzene-d5	7.43	82	586852	69.88	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	119903	75.00	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	766056	66.24	ng	0.00
78) Terphenyl-d14	12.97	244	510013	63.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	91890	21.583	ng	91
3) Pyridine	3.51	79	242390m	21.326	ng	
4) n-Nitrosodimethylamine	3.46	42	103918m	22.670	ng	
6) Aniline	6.53	93	247240	17.368	ng	# 53
8) 2-Chlorophenol	6.65	128	258636	30.886	ng	93
9) Benzaldehyde	6.43	77	92110	12.524	ng	96
10) Phenol	6.52	94	371688	32.460	ng	88
11) bis(2-Chloroethyl)ether	6.59	93	297711	34.256	ng	96
12) 1,3-Dichlorobenzene	6.80	146	260274	27.198	ng	97
13) 1,4-Dichlorobenzene	6.87	146	291775	30.412	ng	99
14) 1,2-Dichlorobenzene	7.03	146	256988	29.049	ng	97
15) Benzyl Alcohol	7.02	79	202190	27.203	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	425741	28.528	ng	62
17) 2-Methylphenol	7.13	107	207718	27.296	ng	# 75
18) Hexachloroethane	7.36	117	85155	24.381	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	209116	34.065	ng	# 92
20) 3+4-Methylphenols	7.29	107	254191	27.402	ng	# 65
22) Acetophenone	7.27	105	389366	34.780	ng	95
24) Nitrobenzene	7.45	77	285895	30.919	ng	96
25) Isophorone	7.67	82	548972	33.189	ng	95
26) 2-Nitrophenol	7.77	139	128339	29.483	ng	94
27) 2,4-Dimethylphenol	7.80	122	227250	34.154	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	335208	34.468	ng	99
29) 2,4-Dichlorophenol	8.03	162	196644	30.869	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	196411	28.953	ng	99
31) Naphthalene	8.16	128	752024	32.026	ng	100
32) Benzoic acid	7.94	122	68867m	18.855	ng	
33) 4-Chloroaniline	8.24	127	169015	16.680	ng	95
34) Hexachlorobutadiene	8.26	225	97890	27.711	ng	98
35) Caprolactam	8.59	113	60025	26.810	ng	# 74
36) 4-Chloro-3-methylphenol	8.72	107	218112	30.356	ng	98
37) 2-Methylnaphthalene	8.85	142	458931	30.241	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	165776	32.107	ng	98
40) Hexachlorocyclopentadiene	8.99	237	2641	10.172	ng	87

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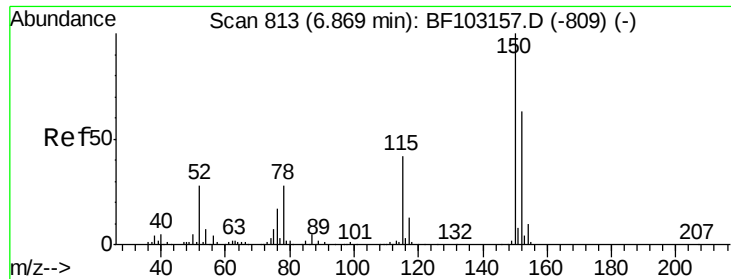
Manual Integrations
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Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	106403	30.627	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	117556	29.420	nq	94
45) 1,1'-Biphenyl	9.32	154	519637	32.835	nq	100
46) 2-Chloronaphthalene	9.35	162	394128	31.479	nq	98
47) 2-Nitroaniline	9.46	65	159625	34.418	nq	85
48) Acenaphthylene	9.76	152	588584	30.554	nq	99
49) Dimethylphthalate	9.61	163	484272	31.963	nq	99
50) 2,6-Dinitrotoluene	9.69	165	93518	29.413	nq	# 83
51) Acenaphthene	9.93	154	341763	30.425	nq	98
52) 3-Nitroaniline	9.88	138	100304	24.865	nq	95
53) 2,4-Dinitrophenol	10.04	184	4219	12.853	nq	# 18
54) Dibenzofuran	10.10	168	500425	32.453	nq	91
55) 4-Nitrophenol	10.10	139	327790	131.111	nq	# 20
56) 2,4-Dinitrotoluene	10.12	165	111603	27.754	nq	# 72
57) Fluorene	10.45	166	385700	29.362	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.24	232	71443	26.616	nq	# 92
59) Diethylphthalate	10.31	149	440696	30.412	nq	100
60) 4-Chlorophenyl-phenylether	10.43	204	172584	30.982	nq	95
61) 4-Nitroaniline	10.50	138	98615	24.476	nq	96
62) Azobenzene	10.60	77	459940	31.183	nq	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	9103	9.865	nq	# 61
65) n-Nitrosodiphenylamine	10.56	169	329944	34.741	nq	98
66) 4-Bromophenyl-phenylether	10.93	248	89588	31.530	nq	97
67) Hexachlorobenzene	11.00	284	88482	28.691	nq	97
68) Atrazine	11.09	200	92799	32.509	nq	99
69) Pentachlorophenol	11.22	266	55314	37.094	nq	98
70) Phenanthrene	11.42	178	459811	30.632	nq	98
71) Anthracene	11.47	178	529893	34.425	nq	99
72) Carbazole	11.64	167	482599	31.484	nq	99
73) Di-n-butylphthalate	11.94	149	919990	47.964	nq	99
74) Fluoranthene	12.62	202	468742	31.075	nq	99
76) Benzidine	12.76	184	202520	27.928	nq	98
77) Pyrene	12.85	202	458226	30.300	nq	99
79) Butylbenzylphthalate	13.44	149	252222	31.567	nq	96
80) Benzo(a)anthracene	14.04	228	374925	29.791	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	138469	30.830	nq	97
82) Chrysene	14.09	228	383166	31.356	nq	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	323486	30.002	nq	# 99
84) Di-n-octyl phthalate	14.62	149	594670	34.136	nq	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	318310	32.903	nq	97
87) Benzo(b)fluoranthene	15.12	252	361822	28.971	nq	98
88) Benzo(k)fluoranthene	15.15	252	370043	31.464	nq	99
89) Benzo(a)pyrene	15.51	252	342840	30.740	nq	98
90) Dibenzo(a,h)anthracene	17.12	278	272342	31.601	nq	97
91) Benzo(g,h,i)perylene	17.60	276	252303	29.955	nq	98

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



#1

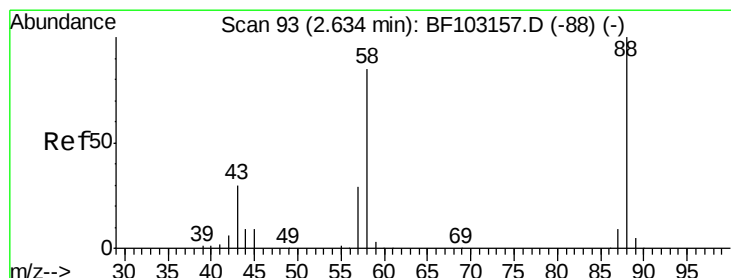
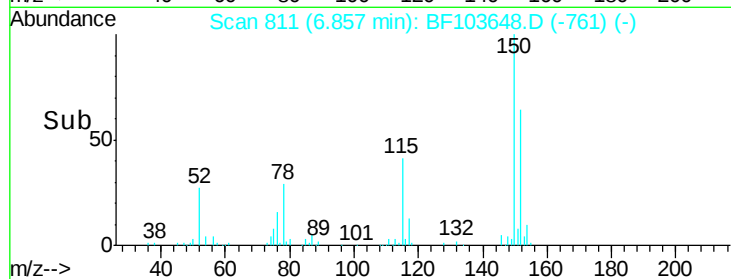
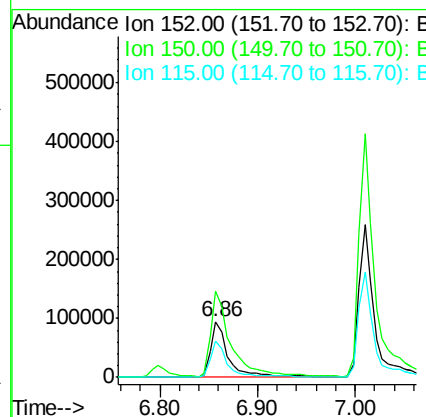
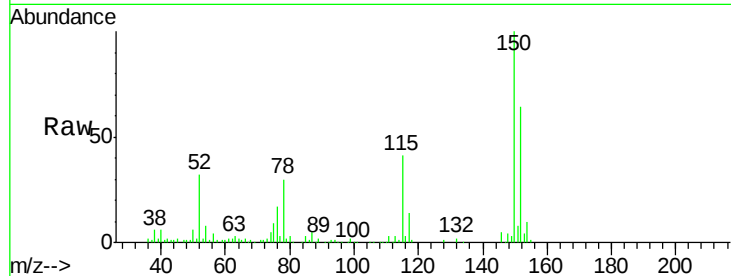
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	64.4	50.1	75.1

Manual Integrations
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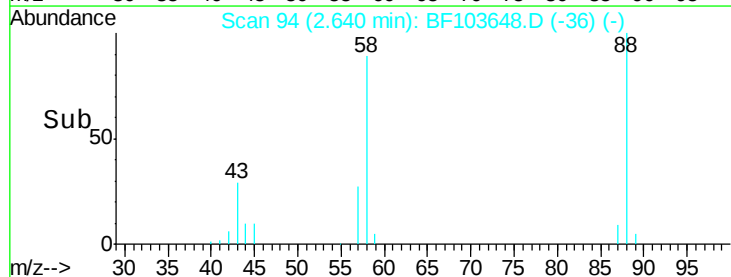
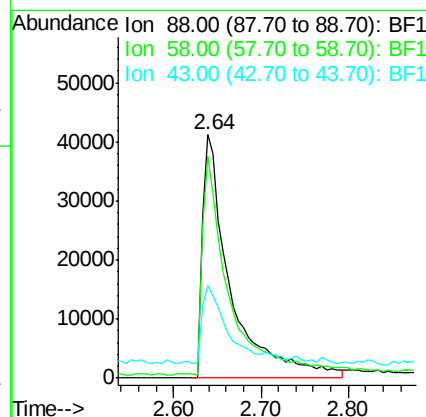
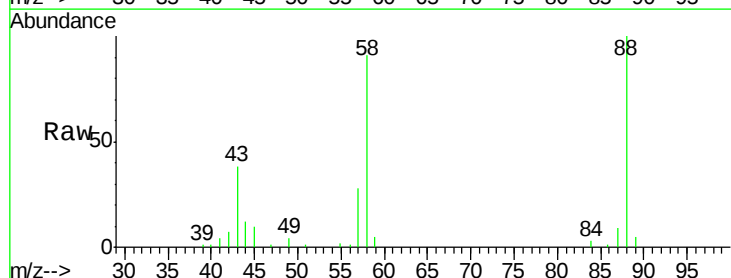
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#2

1,4-Dioxane
Concen: 21.583 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.04 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.2	62.6	93.8
43	26.9	24.6	37.0





#3

Pvridine

Concen: 21.326 ng m

RT: 3.51 min Scan# 242

Delta R.T. 0.07 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Instrument :

BNA_F

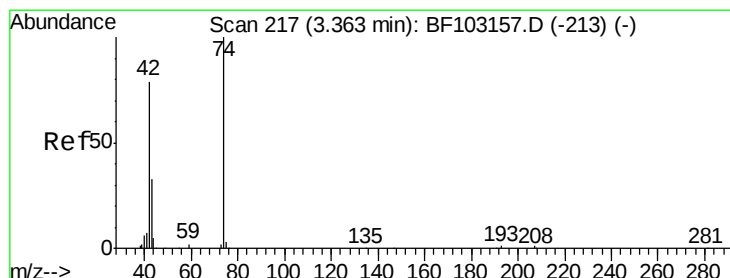
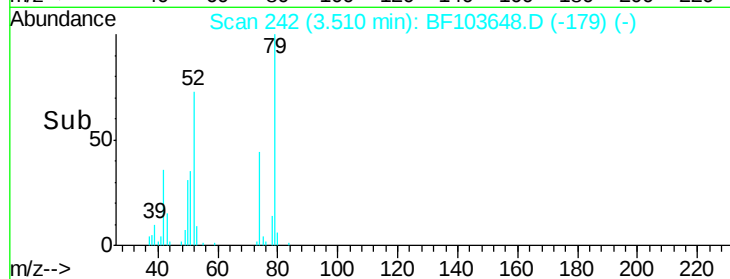
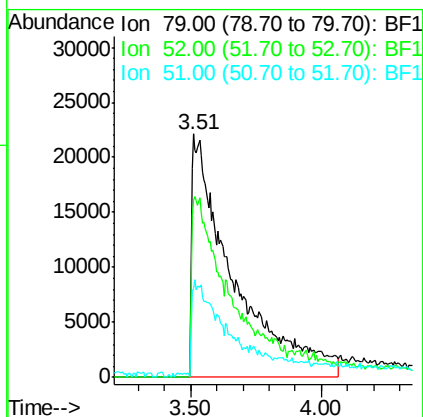
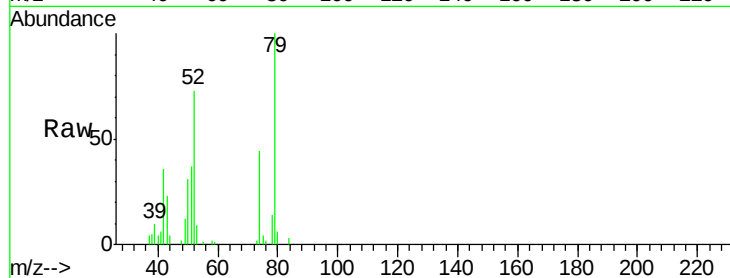
ClientSampleId :

TP-5B-COMPMSD

Tot Ion:	79	Resp:	242390
Ion	Ratio	Lower	Upper
79	100		
52	72.9	59.8	89.6
51	36.6	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 22.670 ng m

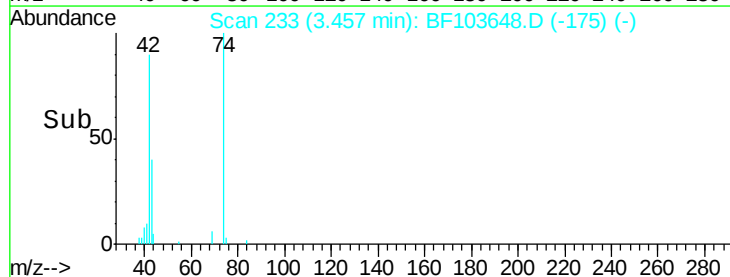
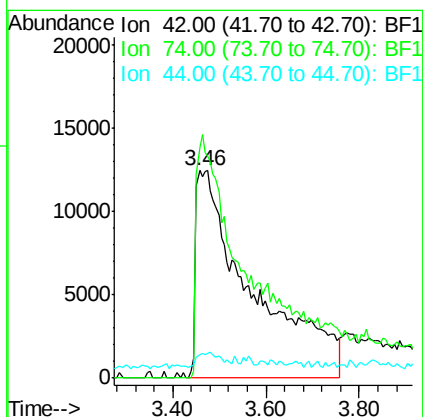
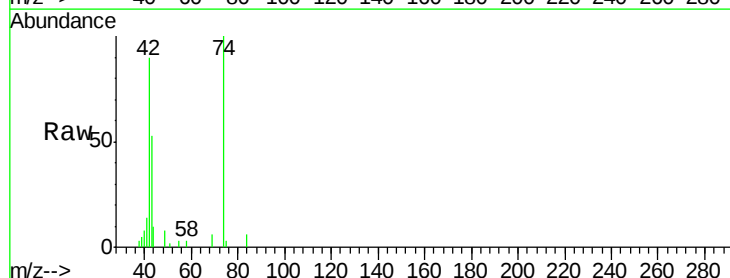
RT: 3.46 min Scan# 233

Delta R.T. 0.04 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Tgt Ion:	42	Resp:	103918
Ion	Ratio	Lower	Upper
42	100		
74	111.2	104.9	157.3
44	11.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 90.790 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Instrument :

BNA_F

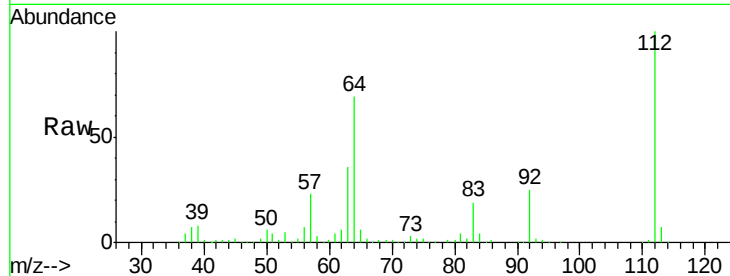
ClientSampleId :

TP-5B-COMPMSD

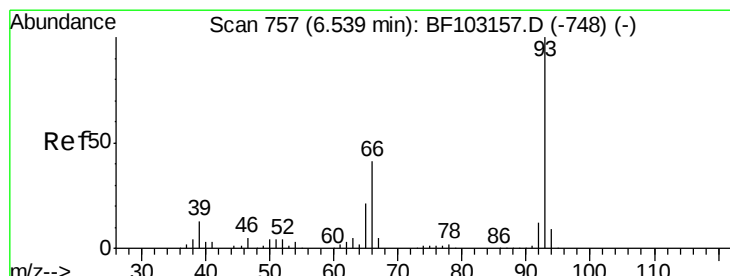
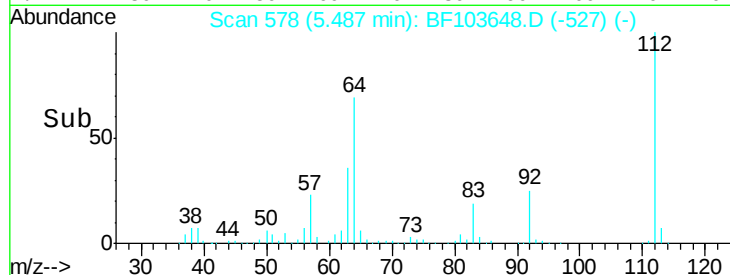
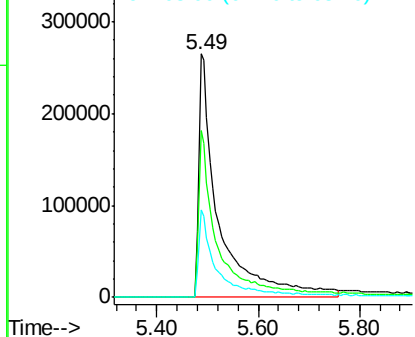
Tot Ion:	112	Resp:	731844
Ion Ratio	Lower	Upper	
112	100		
64	68.8	47.9	71.9
63	35.8	23.7	35.5#

Manual Integrations
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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: 17.368 ng

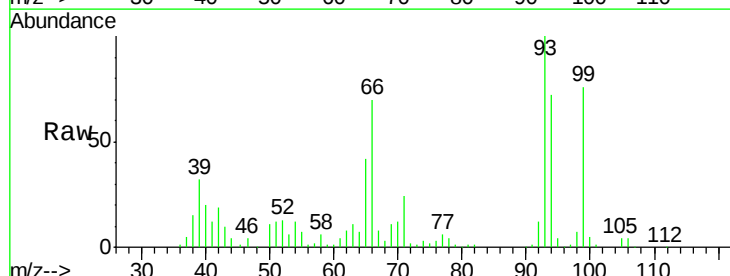
RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

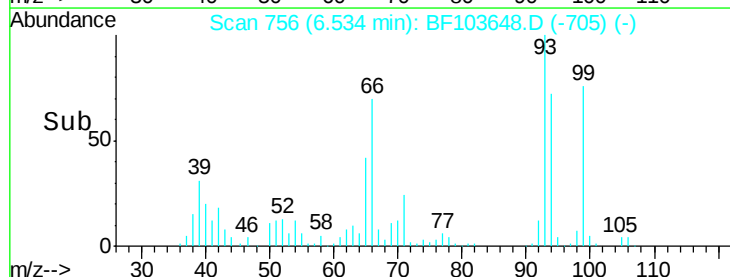
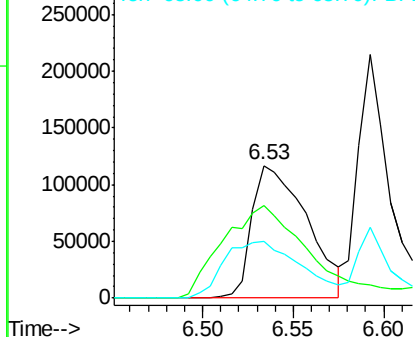
Lab File: BF103648.D

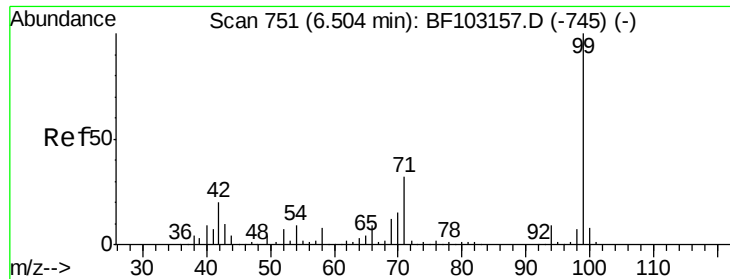
Acq: 14 Mar 2018 18:39

Tgt Ion:	93	Resp:	247240
Ion Ratio	Lower	Upper	
93	100		
66	69.6	32.2	48.2#
65	42.4	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: 90.484 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Instrument :

BNA_F

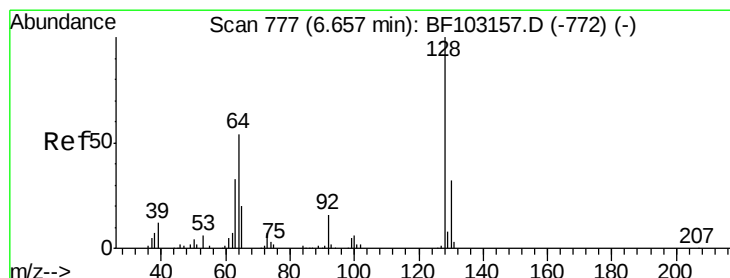
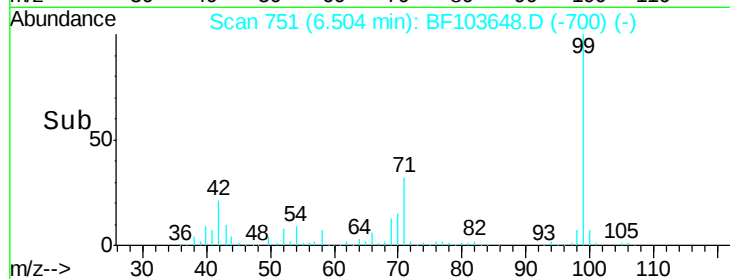
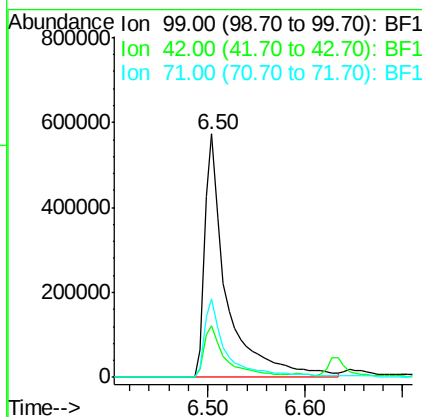
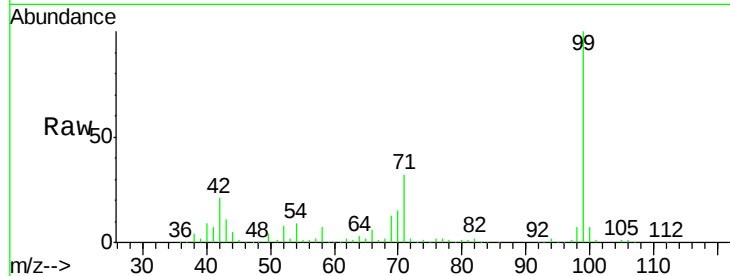
ClientSampleId :

TP-5B-COMPMSD

Tot Ion:	99	Resp:	892500
Ion Ratio	Lower	Upper	
99	100		
42	21.4	14.5	21.7
71	32.4	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 30.886 ng

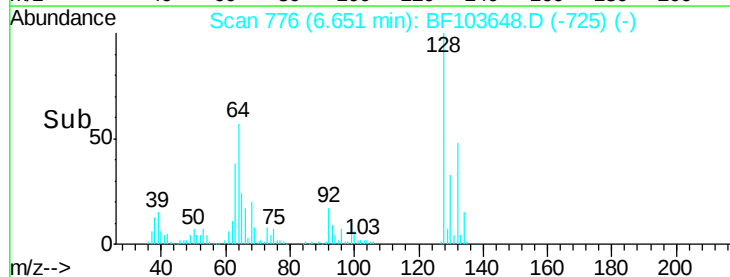
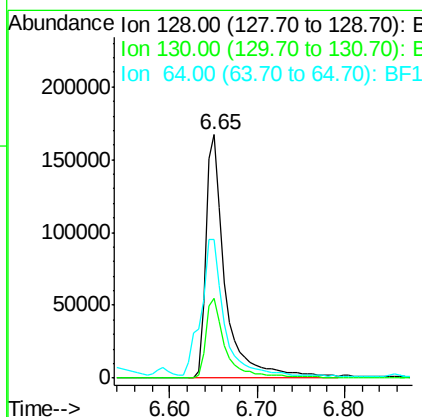
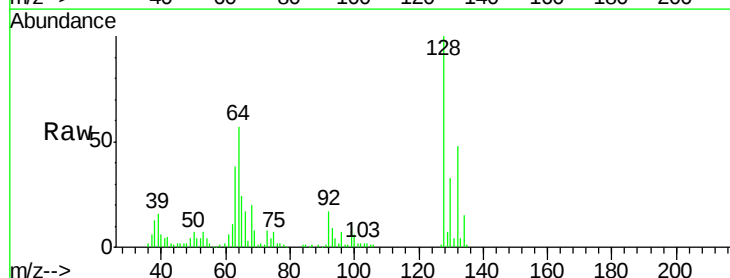
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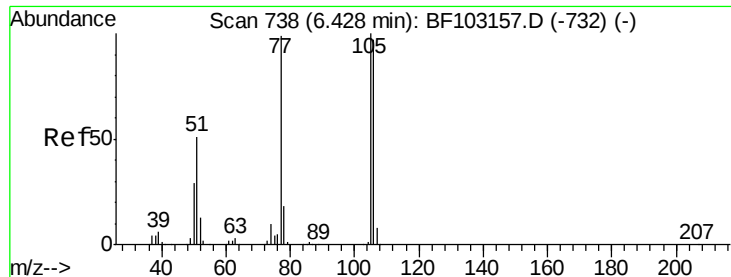
Delta R.T. 0.00 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Tgt Ion:	128	Resp:	258636
Ion Ratio	Lower	Upper	
128	100		
130	32.6	13.0	53.0
64	57.0	29.4	69.4





#9

Benzaldehyde

Concen: 12.524 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Instrument :

BNA_F

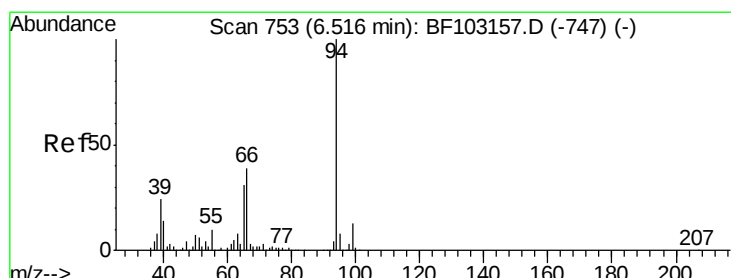
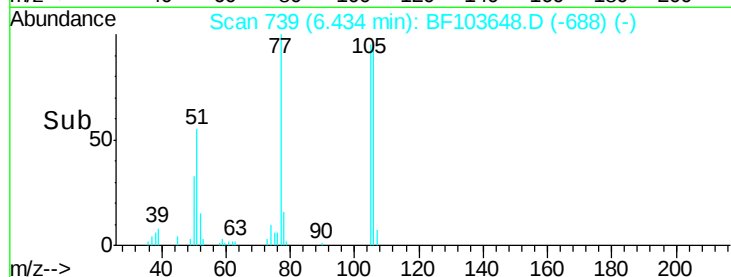
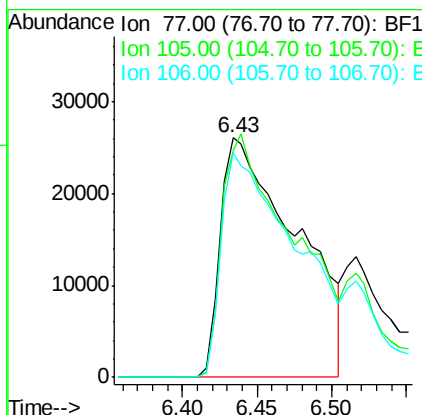
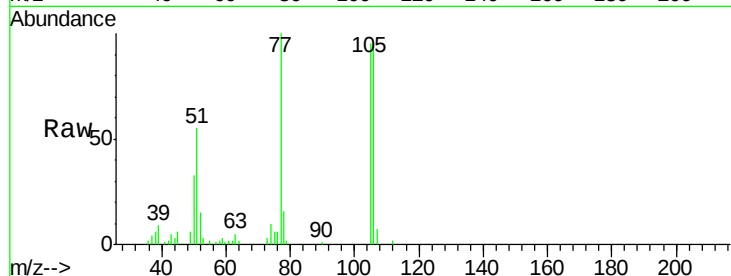
ClientSampleId :

TP-5B-COMPMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.8	81.1	121.1
106	93.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 32.460 ng

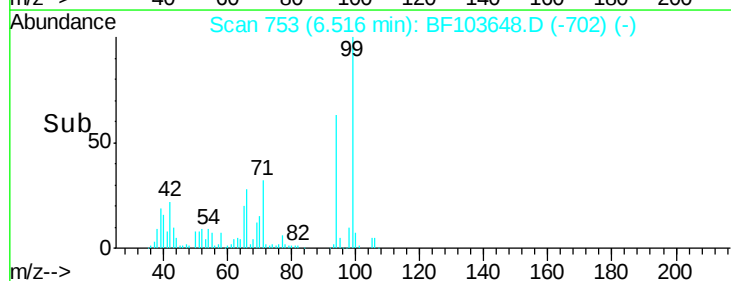
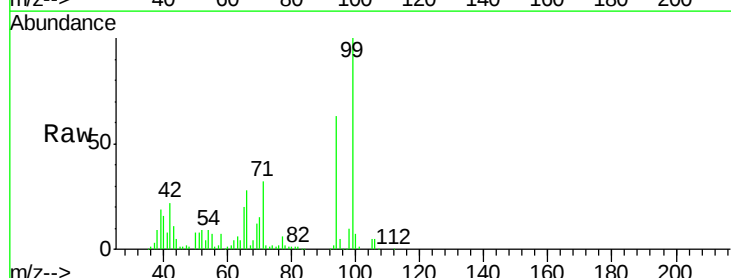
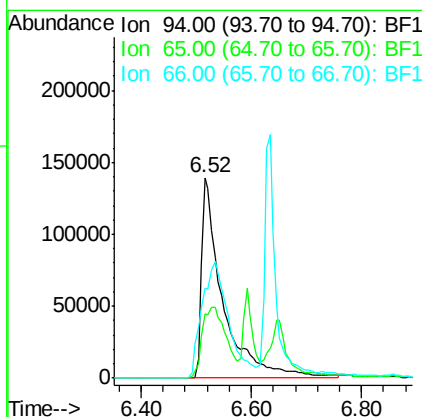
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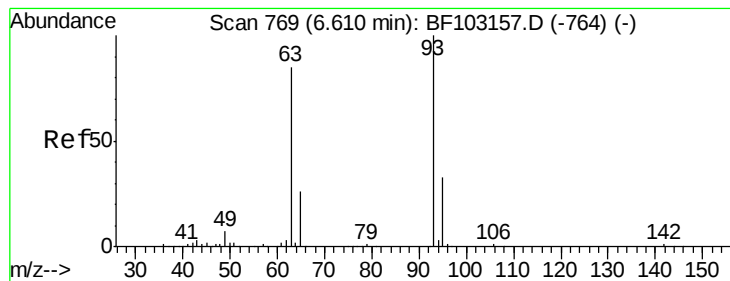
Delta R.T. 0.00 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.2	7.9	47.9
66	44.8	16.2	56.2





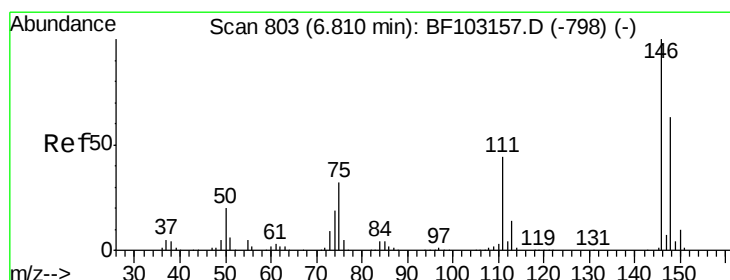
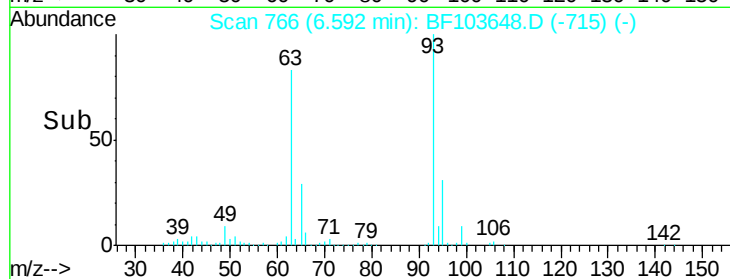
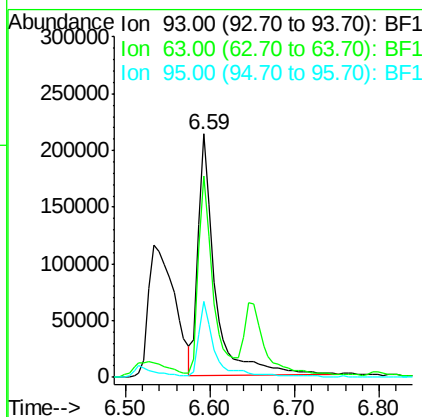
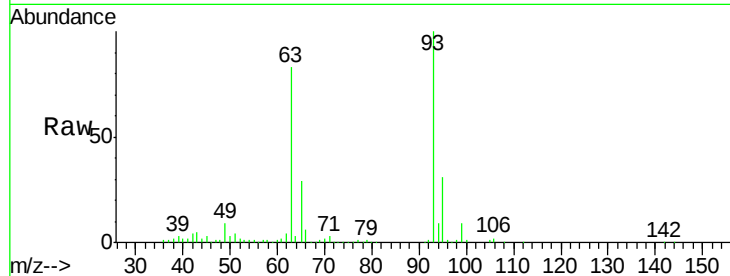
#11
bis(2-Chloroethyl)ether
Concen: 34.256 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMSD

Tot Ion:	93	Resp:	297711
Ion Ratio	Lower	Upper	
93	100		
63	82.8	58.6	98.6
95	31.2	11.8	51.8

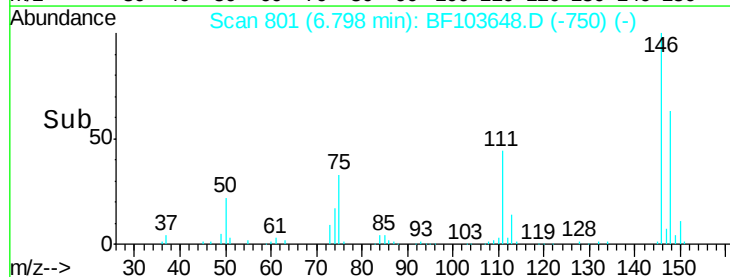
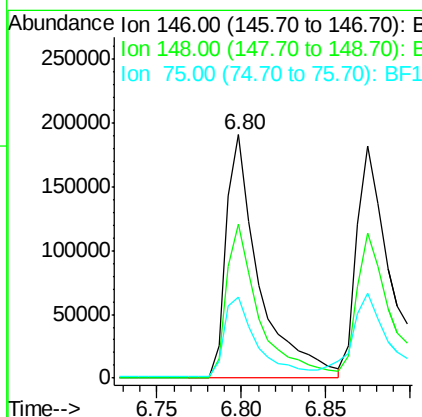
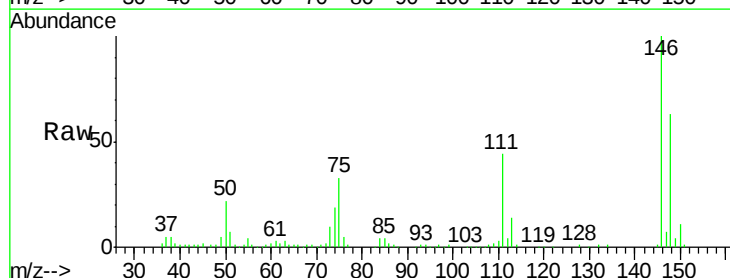
Manual Integrations
APPROVED

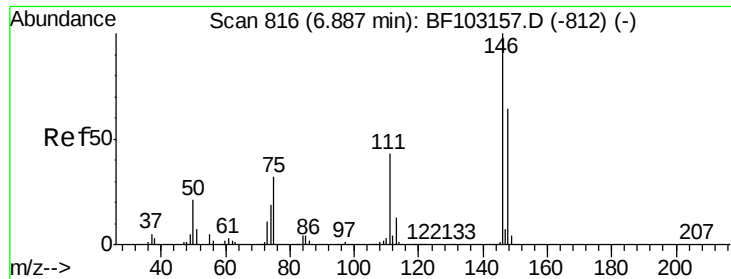
Sohil
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#12
1,3-Dichlorobenzene
Concen: 27.198 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Tgt Ion:	146	Resp:	260274
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.8	77.8
75	33.4	24.2	36.4





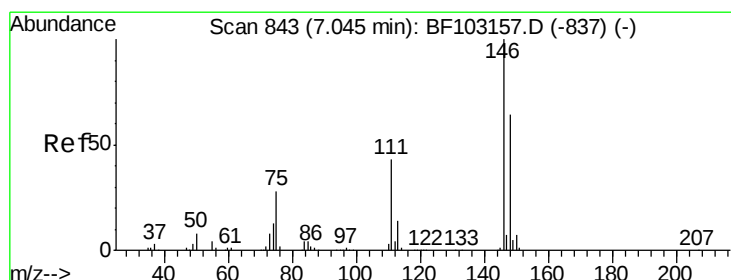
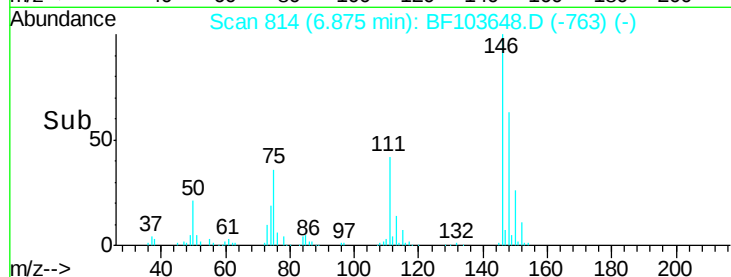
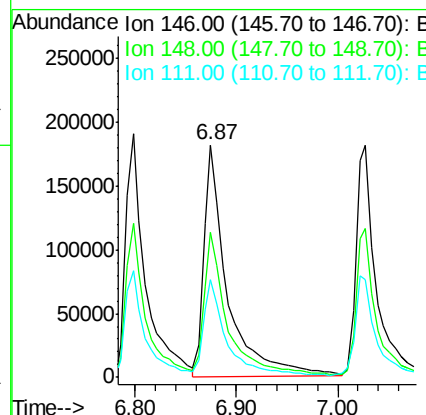
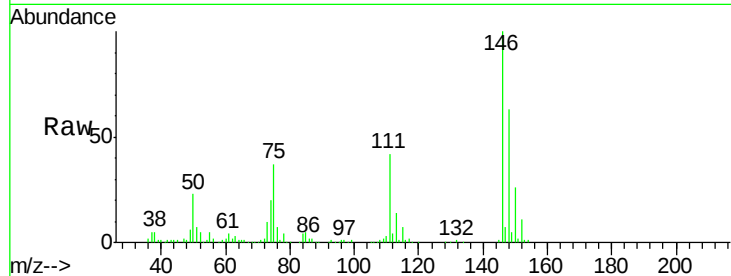
#13
1,4-Dichlorobenzene
Concen: 30.412 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.8	76.2
111	42.1	34.2	51.2

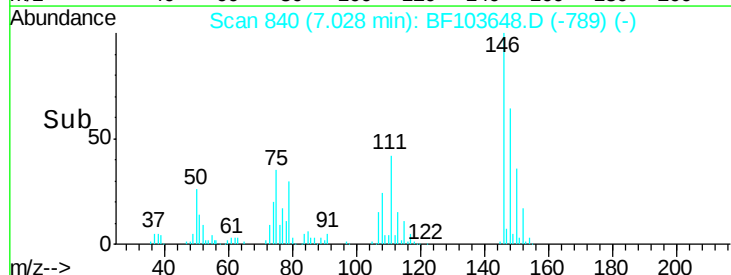
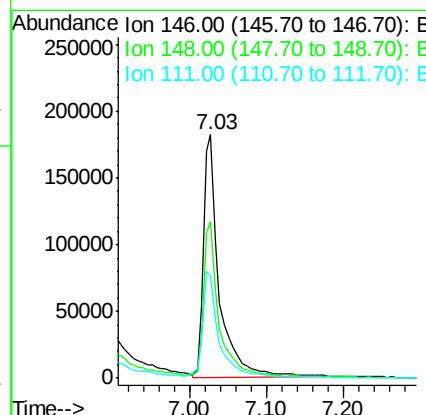
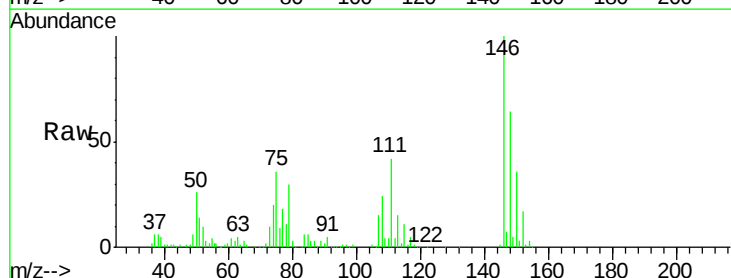
Manual Integrations
APPROVED

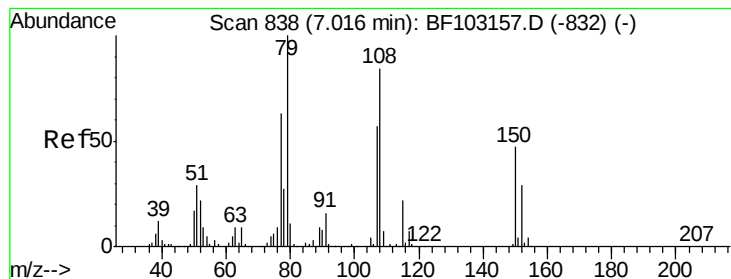
Sohil
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#14
1,2-Dichlorobenzene
Concen: 29.049 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	42.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 27.203 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Instrument :

BNA_F

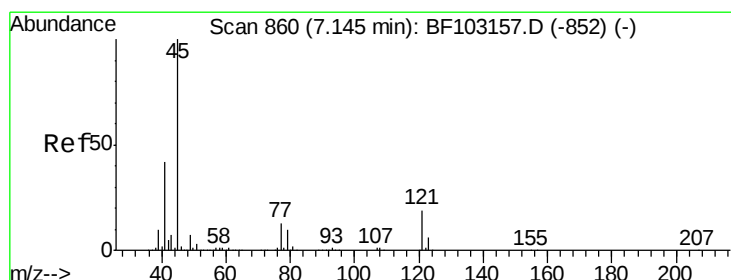
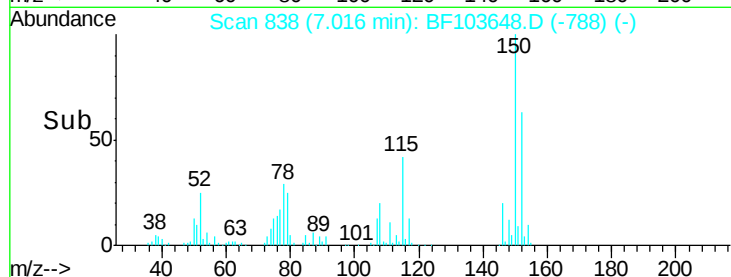
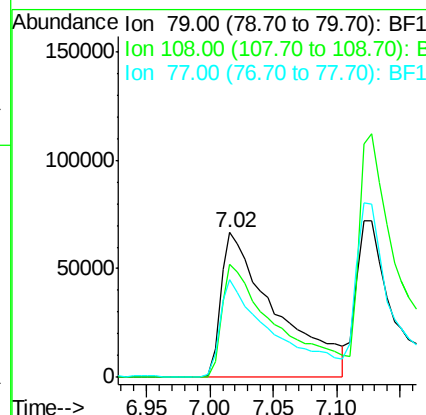
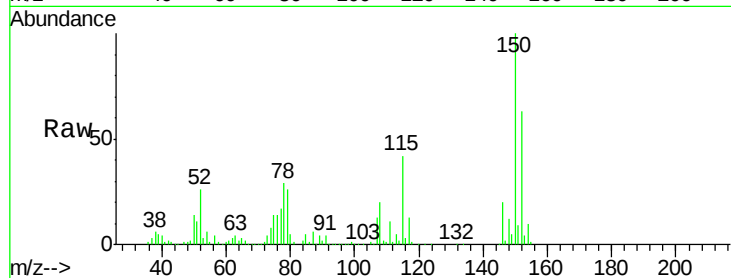
ClientSampleId :

TP-5B-COMPMSD

Tot Ion:	79	Resp:	202190
Ion Ratio	Lower	Upper	
79	100		
108	78.2	65.1	97.7
77	67.3	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 28.528 ng

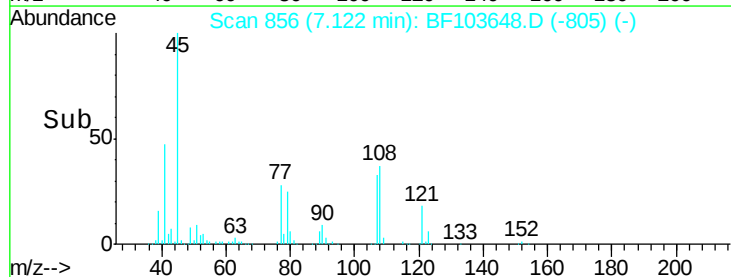
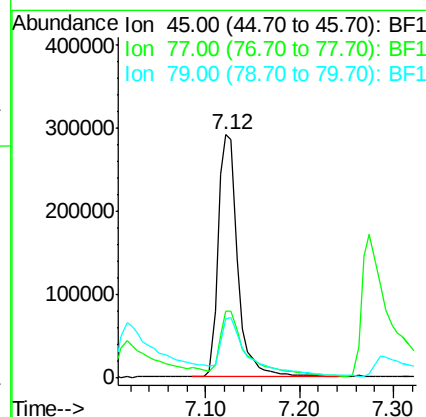
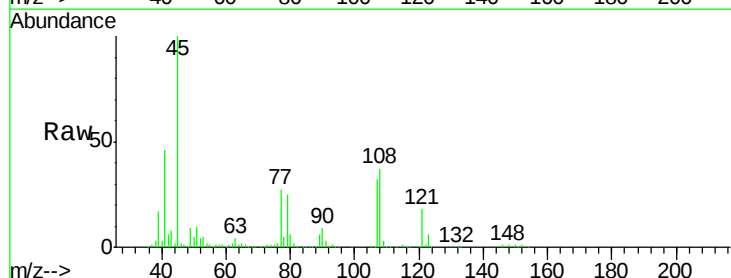
RT: 7.12 min Scan# 856

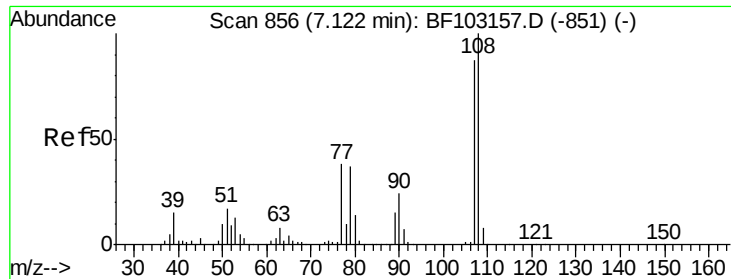
Delta R.T. 0.00 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Tgt Ion:	45	Resp:	425741
Ion Ratio	Lower	Upper	
45	100		
77	27.4	0.0	32.9
79	24.6	0.0	29.6





#17

2-Methylphenol

Concen: 27.296 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Instrument :

BNA_F

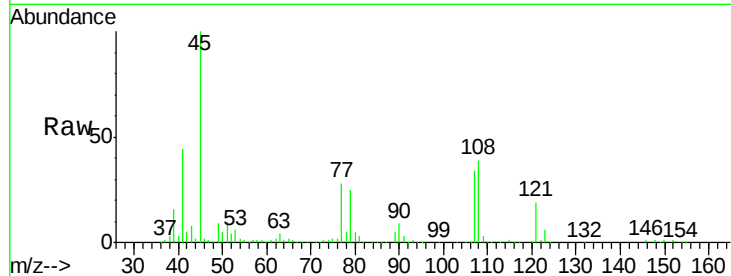
ClientSampleId :

TP-5B-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.2	91.7	137.5	
77	82.7	33.8	50.8#	
79	74.8	33.8	50.8#	

Manual Integrations
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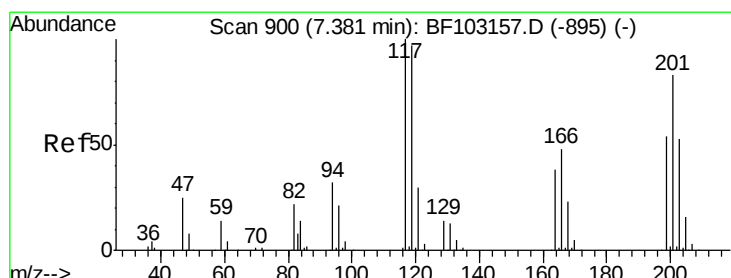
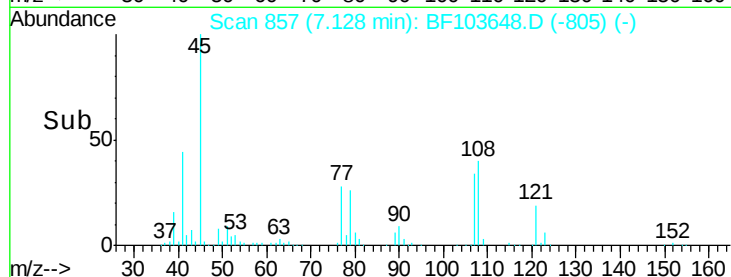
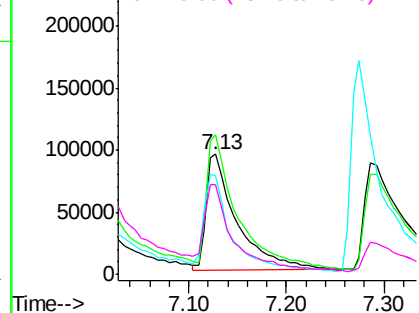
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 24.381 ng

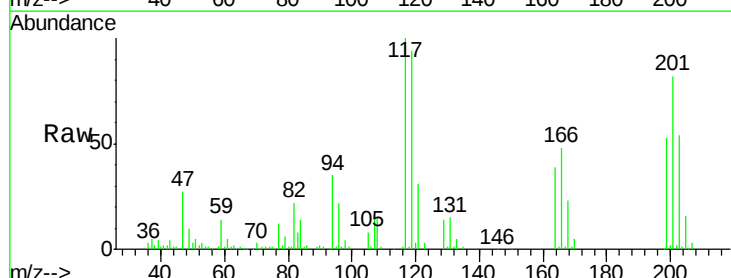
RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	75.8	113.8	
201	82.3	75.7	113.5	

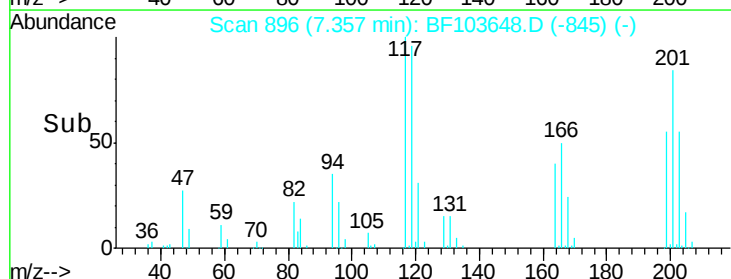
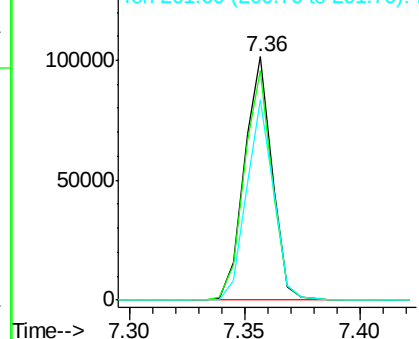


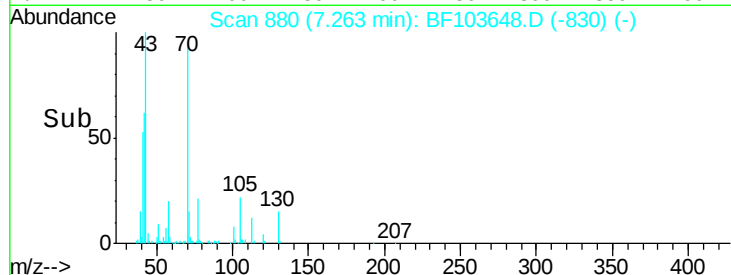
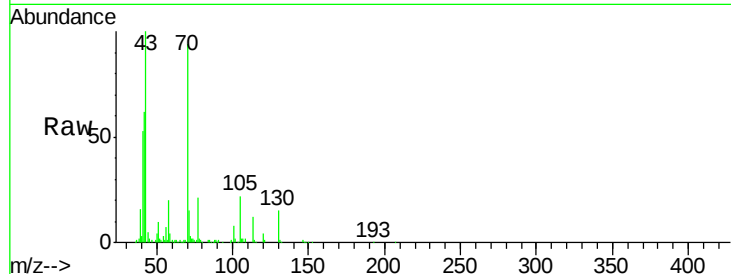
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





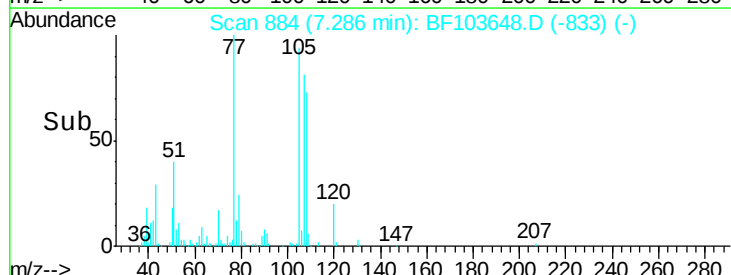
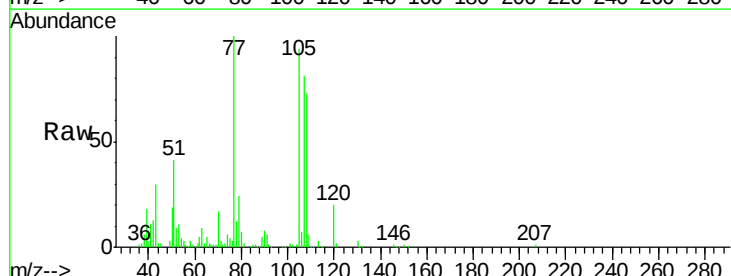
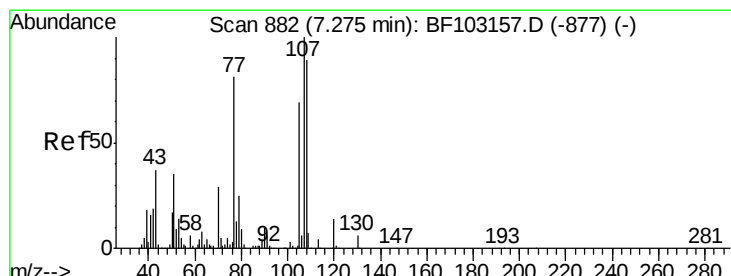
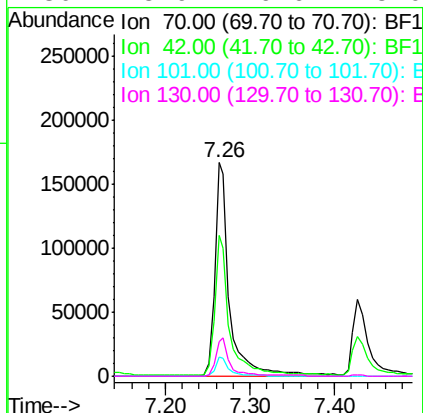
#19
n-Nitroso-di-n-propylamine
Concen: 34.065 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.1	47.5	71.3
101	8.7	7.4	11.2
130	15.9	16.6	25.0#

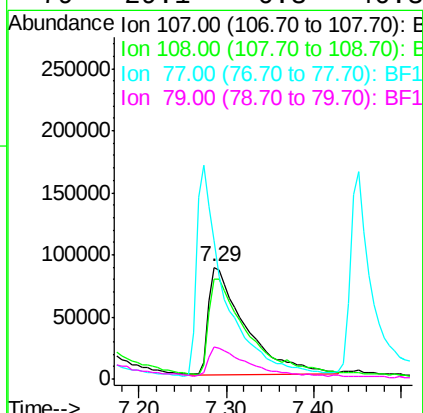
Manual Integrations
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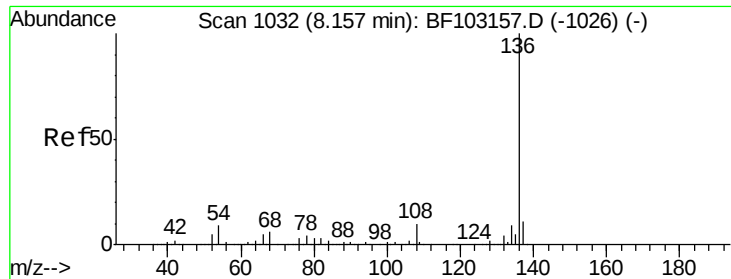
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#20
3+4-Methylphenols
Concen: 27.402 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	68.2	108.2
77	123.5	26.7	66.7#
79	29.1	6.3	46.3





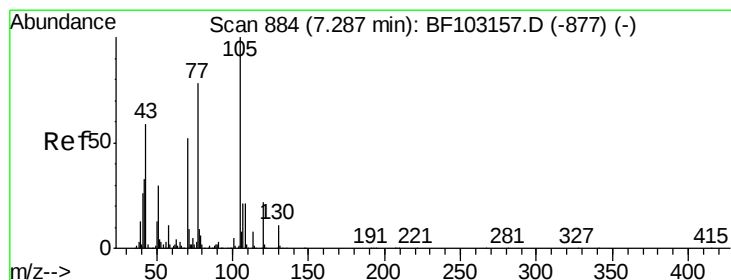
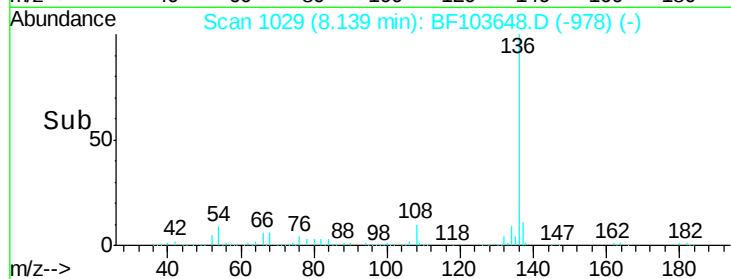
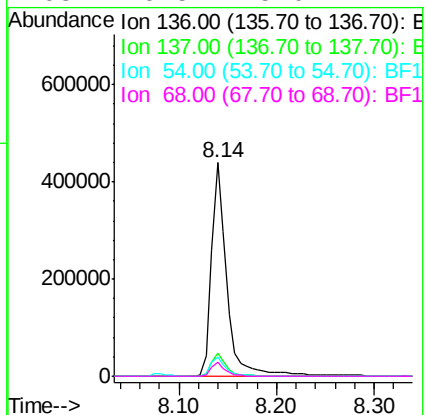
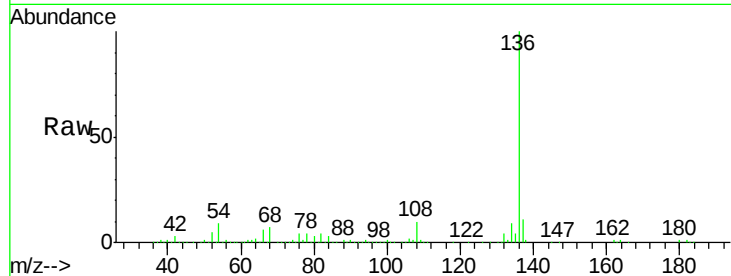
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		479624		
137	10.8		8.9	13.3	
54	9.1		6.6	9.8	
68	6.5		5.0	7.4	

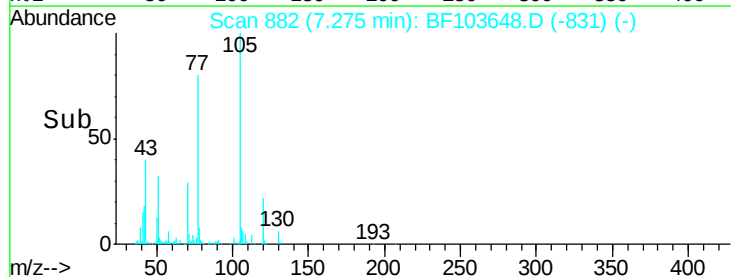
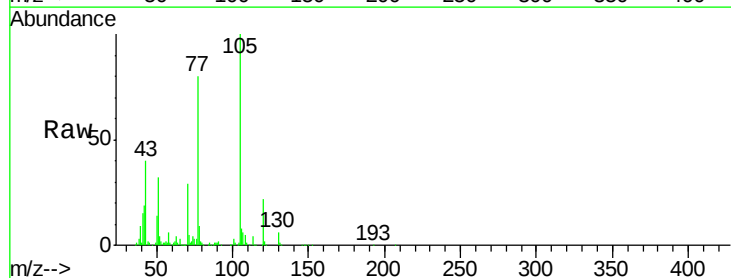
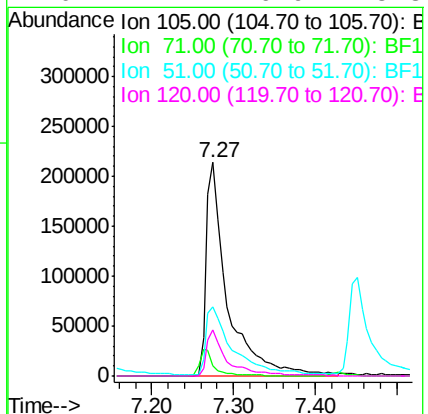
Manual Integrations
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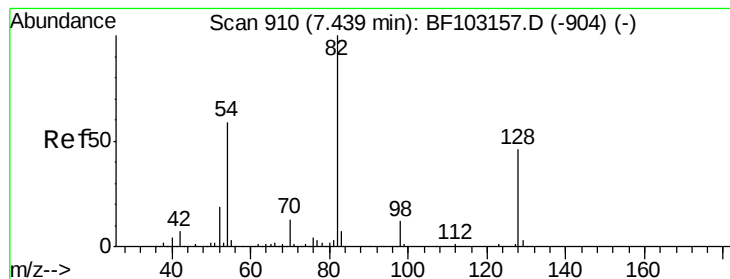
Sohil
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#22
Acetophenone
Concen: 34.780 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		389366		
71	4.8		4.4	6.6	
51	32.3		22.3	33.5	
120	21.7		16.9	25.3	





#23

Nitrobenzene-d5

Concen: 69.876 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Instrument :

BNA_F

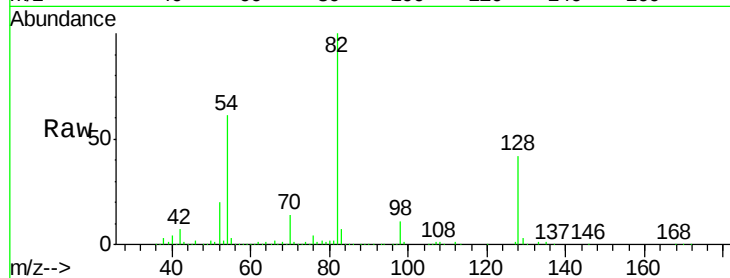
ClientSampleId :

TP-5B-COMPMSD

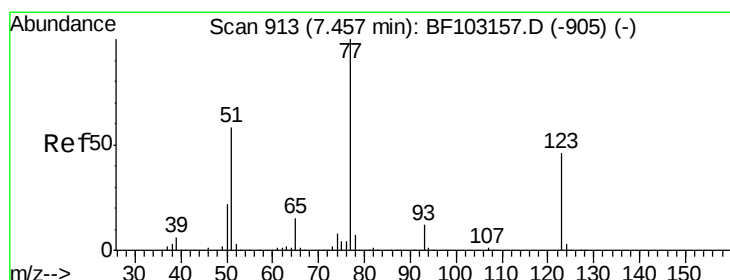
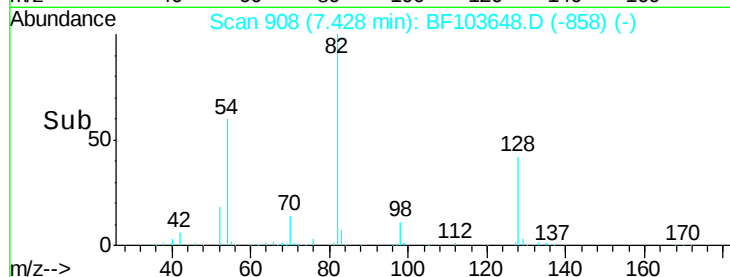
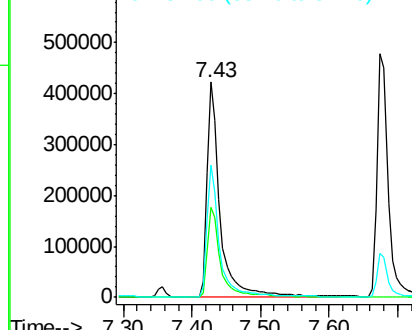
Tot Ion:	82	Resp:	586852
Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	61.4	41.4	62.2

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 30.919 ng

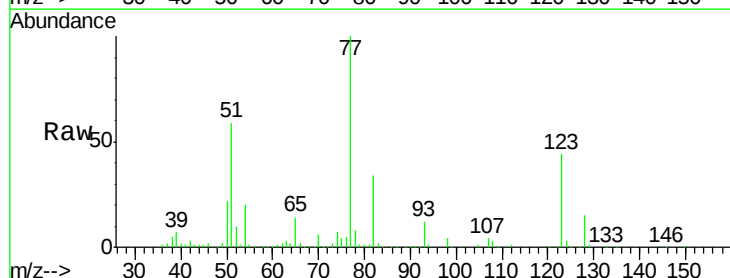
RT: 7.45 min Scan# 912

Delta R.T. 0.00 min

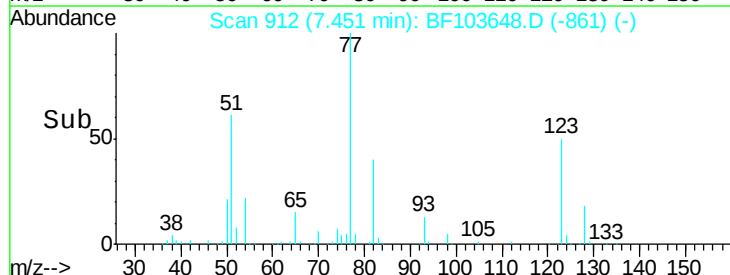
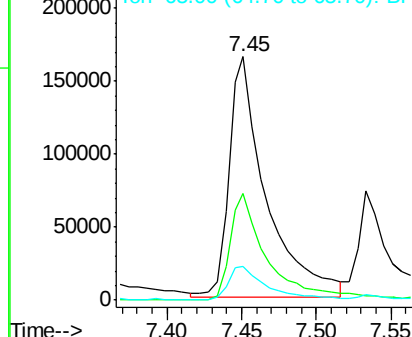
Lab File: BF103648.D

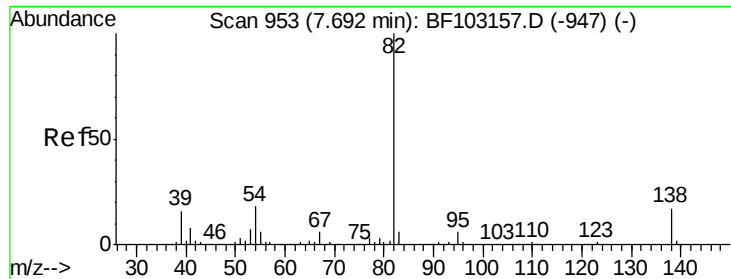
Acq: 14 Mar 2018 18:39

Tgt Ion:	77	Resp:	285895
Ion	Ratio	Lower	Upper
77	100		
123	44.0	37.9	56.9
65	14.1	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 33.189 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Instrument :

BNA_F

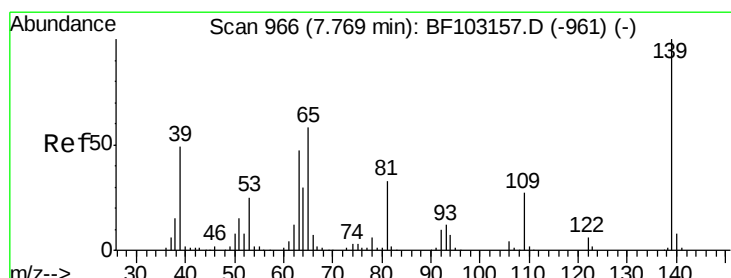
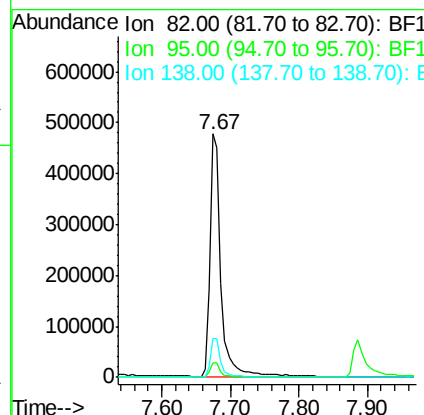
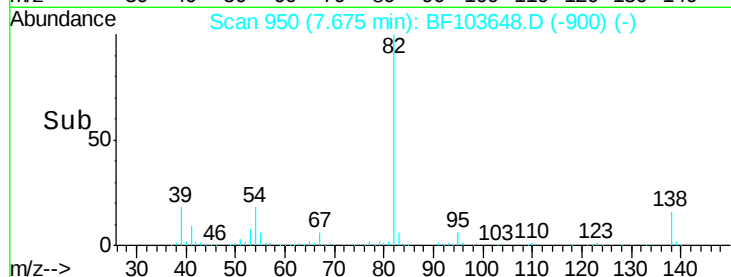
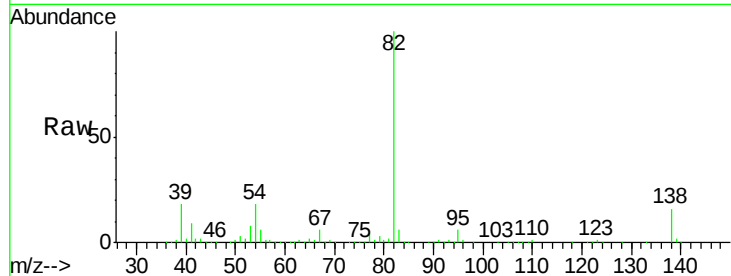
ClientSampleId :

TP-5B-COMPMSD

Tot Ion:	82	Resp:	548972
Ion Ratio	Lower	Upper	
82	100		
95	6.1	5.2	7.8
138	15.8	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 29.483 ng

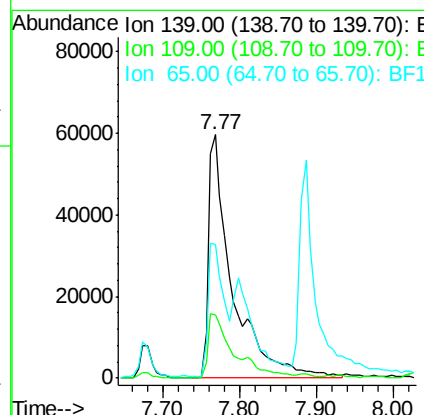
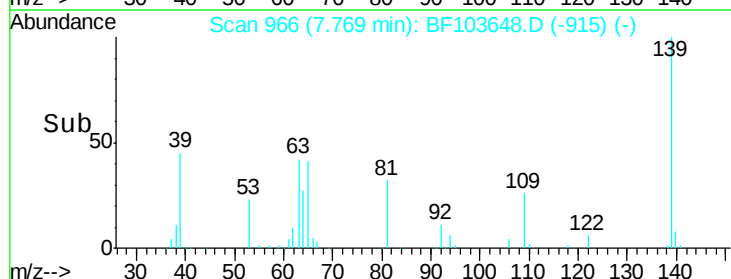
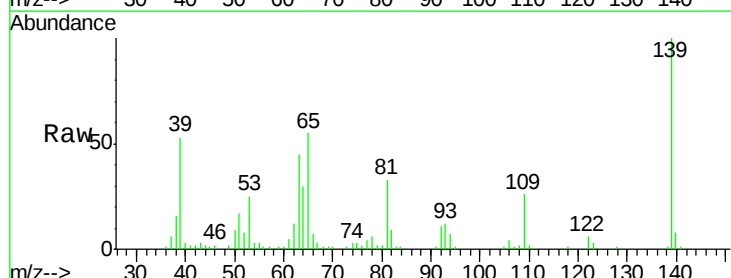
RT: 7.77 min Scan# 966

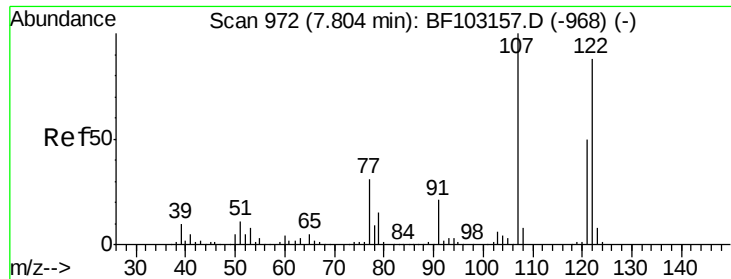
Delta R.T. 0.00 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Tgt Ion:	139	Resp:	128339
Ion Ratio	Lower	Upper	
139	100		
109	26.2	22.7	34.1
65	55.0	40.5	60.7





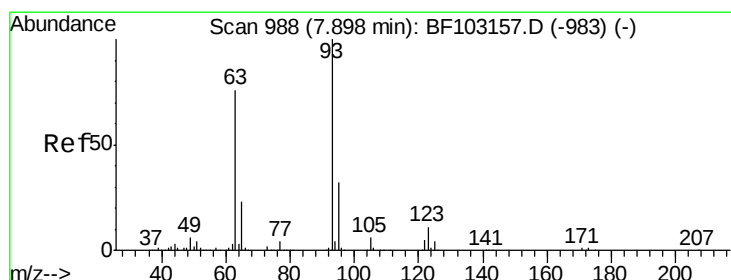
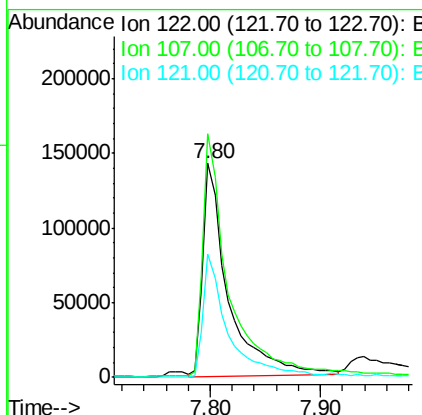
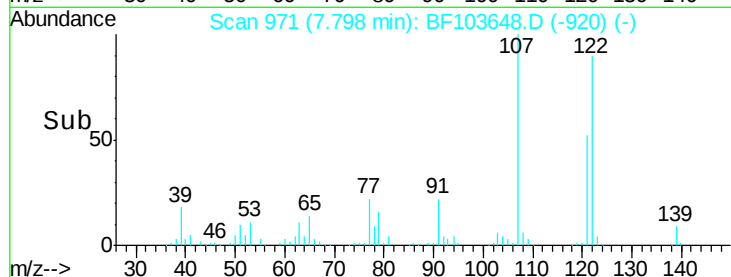
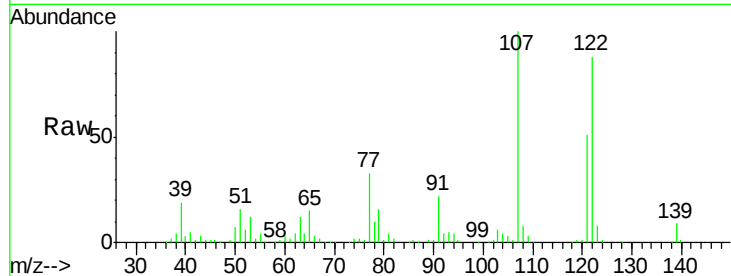
#27
2,4-Dimethylphenol
Concen: 34.154 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.9	91.2	136.8
121	57.9	47.2	70.8

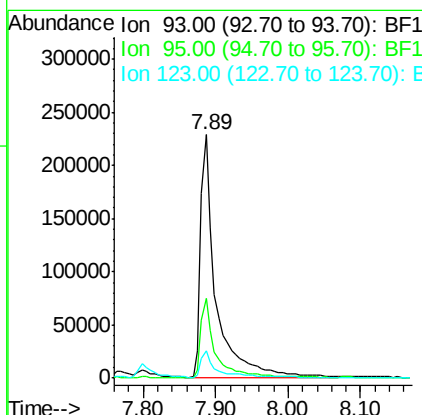
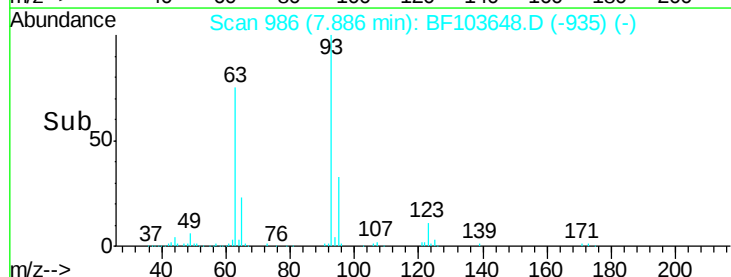
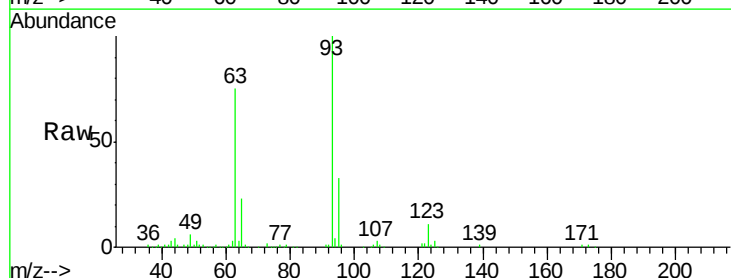
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#28
bis(2-Chloroethoxy)methane
Concen: 34.468 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	11.4	9.8	14.6





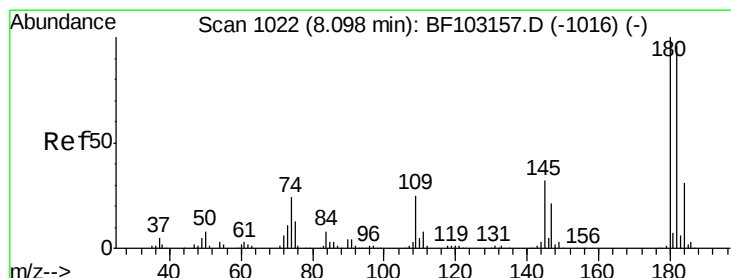
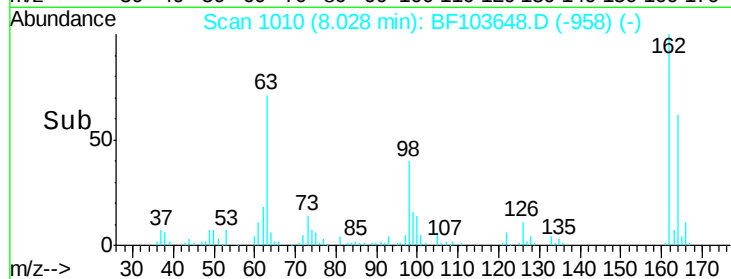
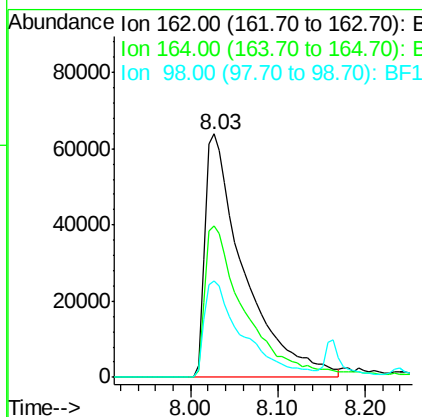
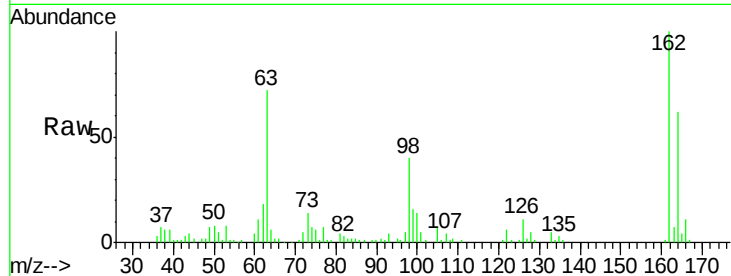
#29
2,4-Dichlorophenol
Concen: 30.869 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	196644		
164	62.4	42.7	82.7	
98	39.6	18.1	58.1	

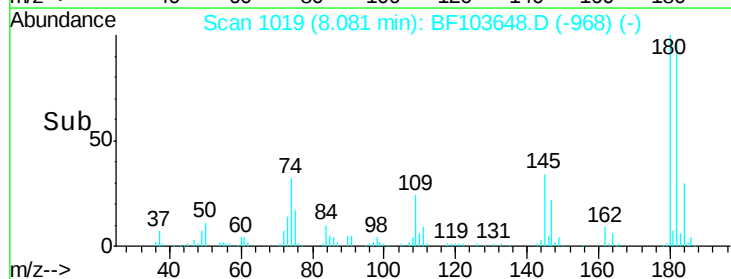
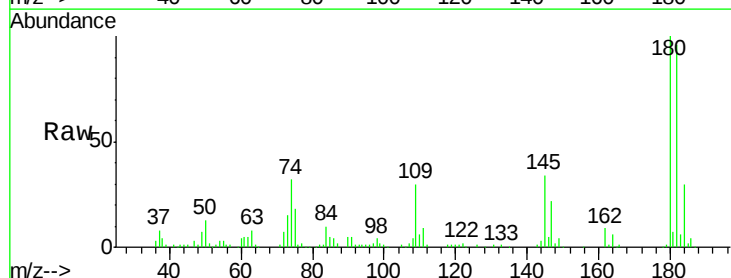
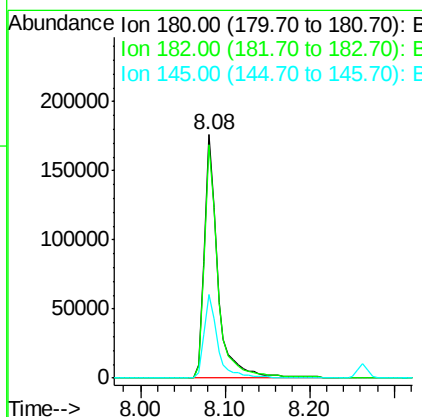
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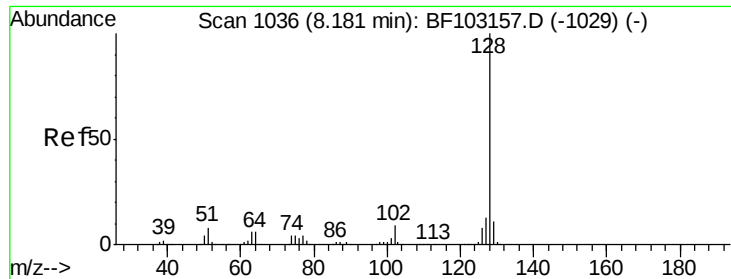
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#30
1,2,4-Trichlorobenzene
Concen: 28.953 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	196411		
182	96.1	76.8	115.2	
145	34.3	26.5	39.7	





#31

Naphthalene

Concen: 32.026 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Instrument :

BNA_F

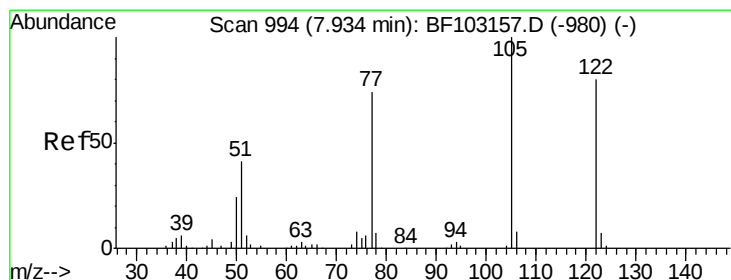
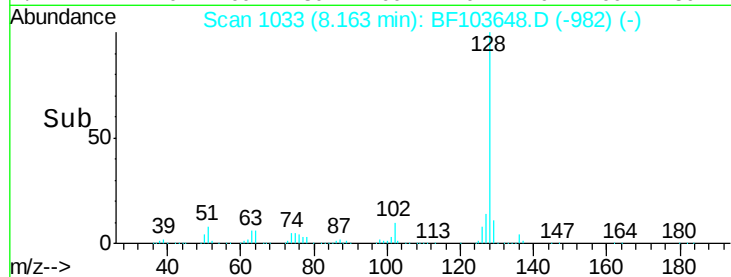
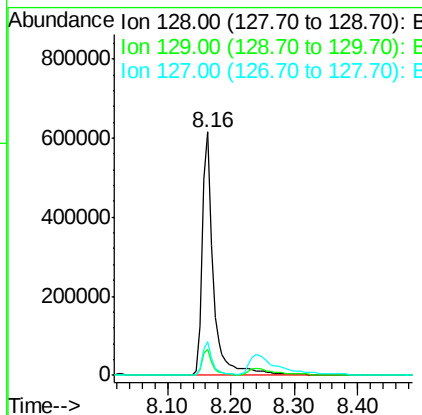
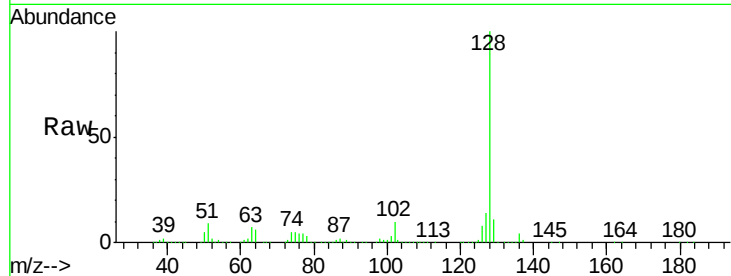
ClientSampleId :

TP-5B-COMPMSD

Tot Ion:128	Resp:	752024
Ion Ratio	Lower	Upper
128	100	
129	10.9	8.8 13.2
127	13.9	10.9 16.3

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#32

Benzoic acid

Concen: 18.855 ng m

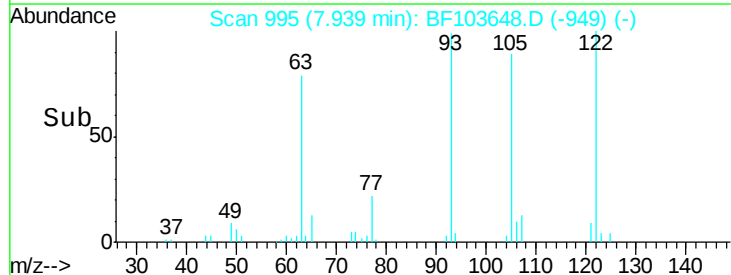
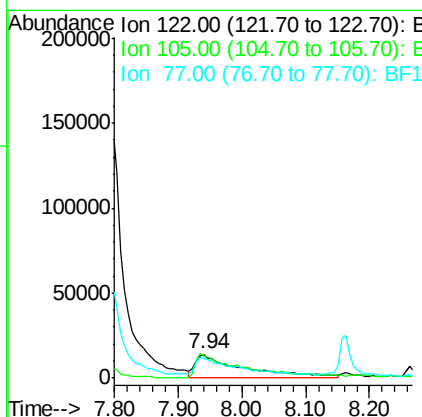
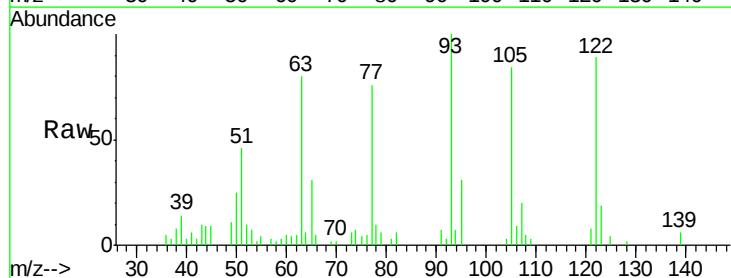
RT: 7.94 min Scan# 995

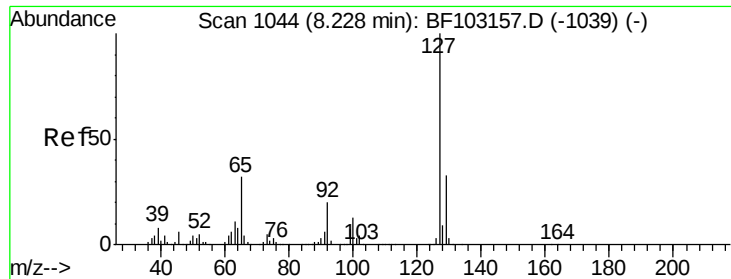
Delta R.T. -0.03 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Tgt Ion:122	Resp:	68867
Ion Ratio	Lower	Upper
122	100	
105	94.4	101.1 141.1#
77	85.4	70.7 110.7





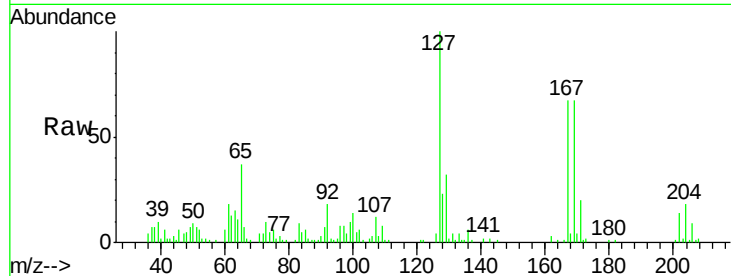
#33
 4-Chloroaniline
 Concen: 16.680 ng
 RT: 8.24 min Scan# 1046
 Delta R.T. 0.01 min
 Lab File: BF103648.D
 Acq: 14 Mar 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMSD

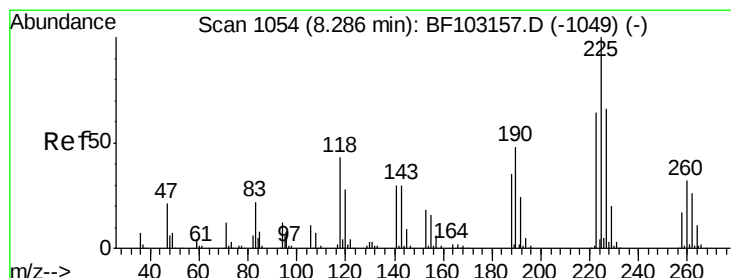
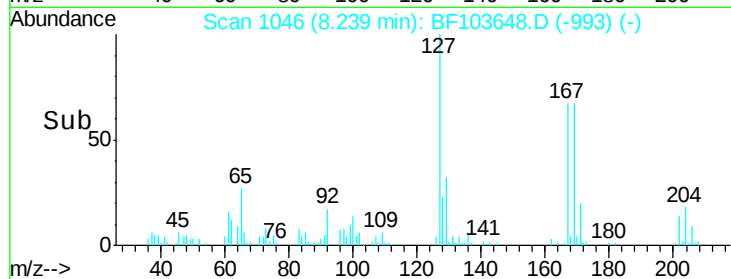
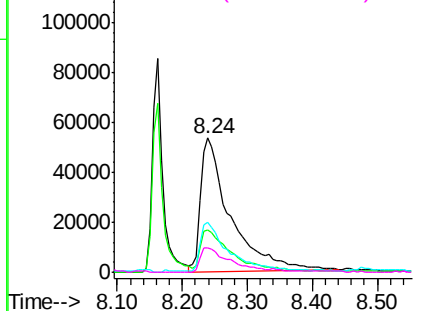
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	25.9	38.9		
65	37.3	25.0	37.4		
92	18.3	15.2	22.8		

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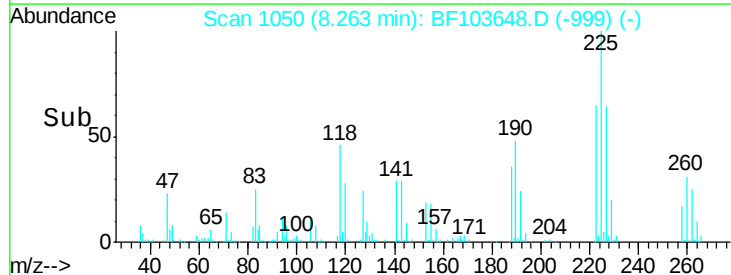
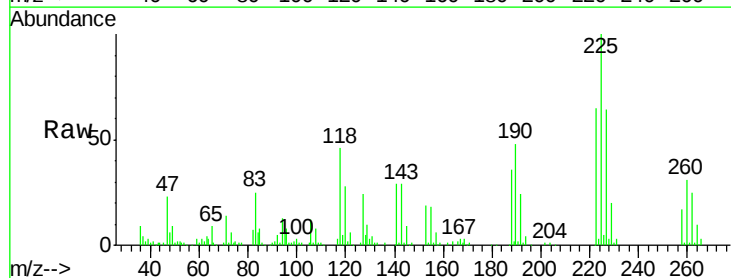
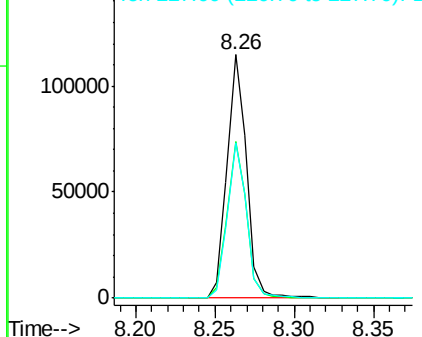
Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1



#34
 Hexachlorobutadiene
 Concen: 27.711 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF103648.D
 Acq: 14 Mar 2018 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.5	50.6	76.0		
227	63.7	51.9	77.9		

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





#35

Caprolactam

Concen: 26.810 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Instrument :

BNA_F

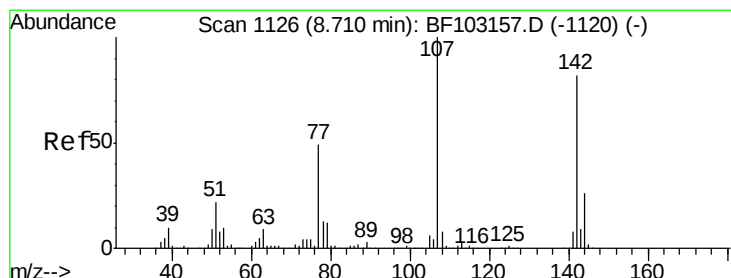
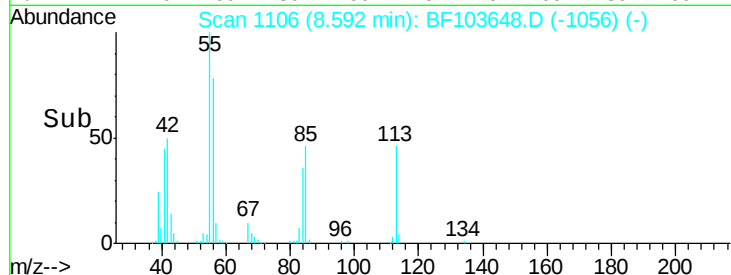
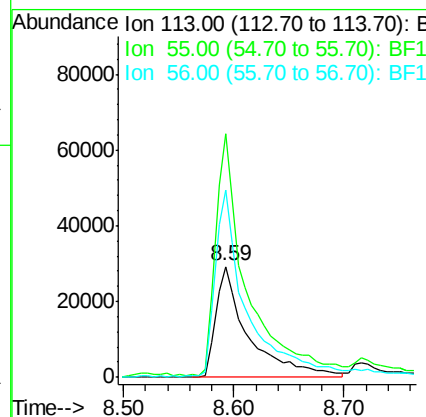
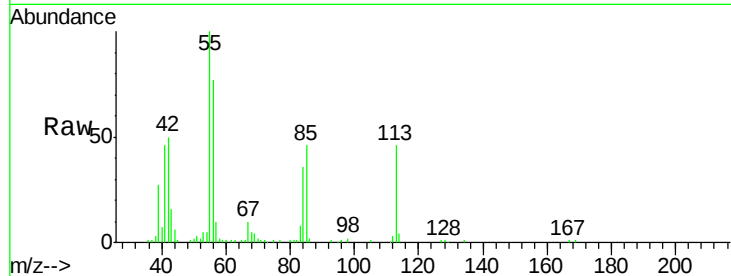
ClientSampleId :

TP-5B-COMPMSD

Tot Ion:113 Resp: 60025
 Ion Ratio Lower Upper
 113 100
 55 219.1 163.3 203.3#
 56 168.7 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 30.356 ng

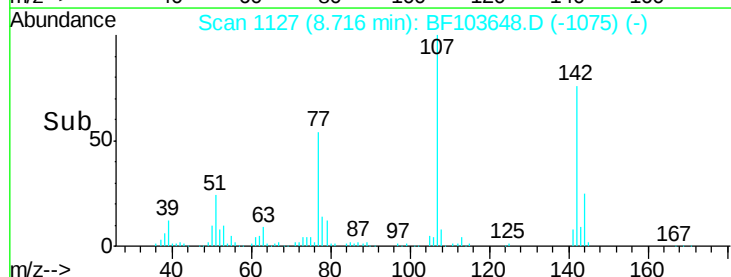
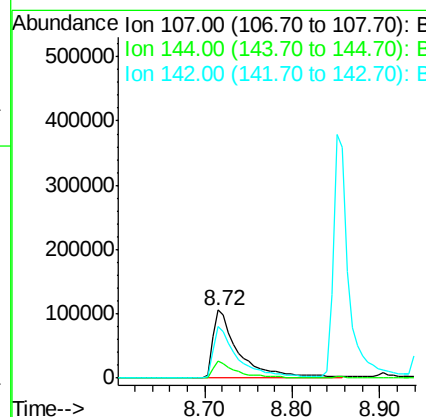
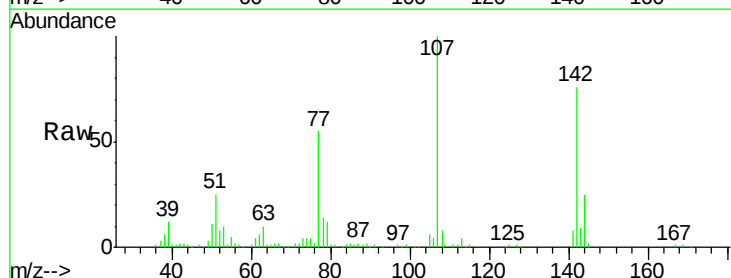
RT: 8.72 min Scan# 1127

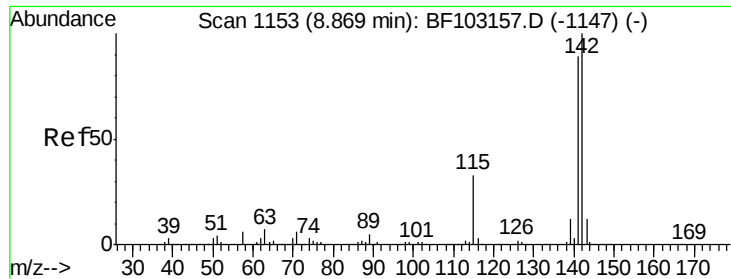
Delta R.T. 0.01 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Tgt Ion:107 Resp: 218112
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.5 30.7
 142 75.5 62.0 93.0





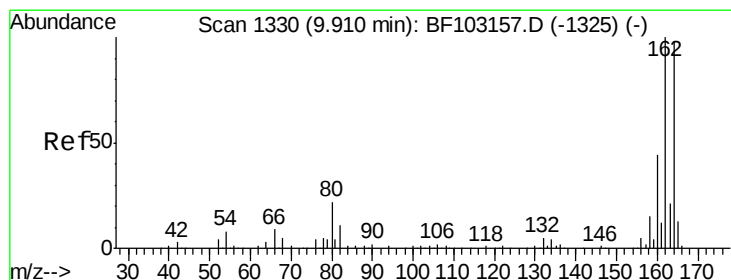
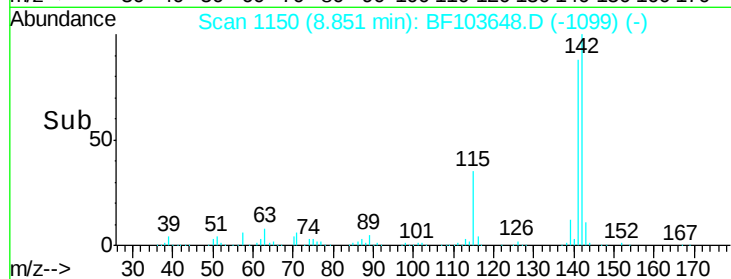
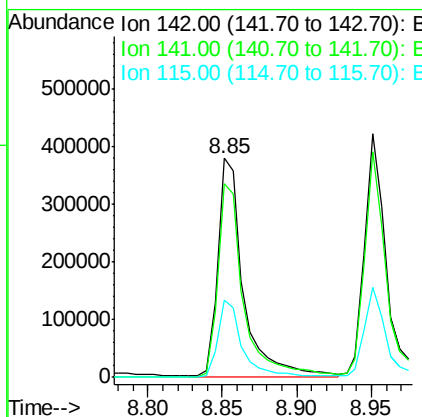
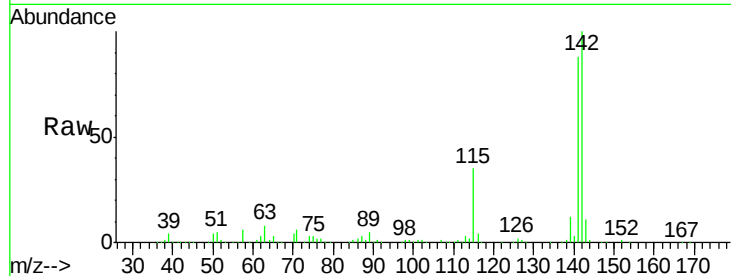
#37
 2-Methylnaphthalene
 Concen: 30.241 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF103648.D
 Acq: 14 Mar 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	35.0	26.1	39.1

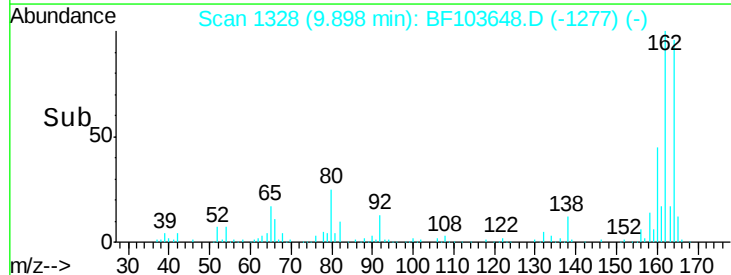
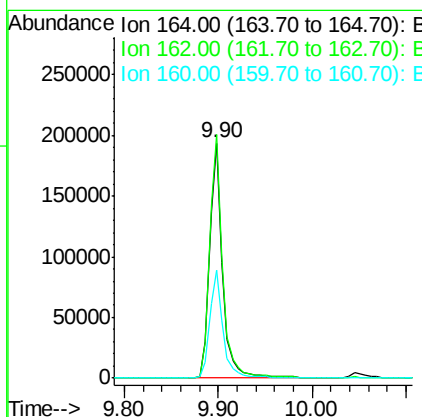
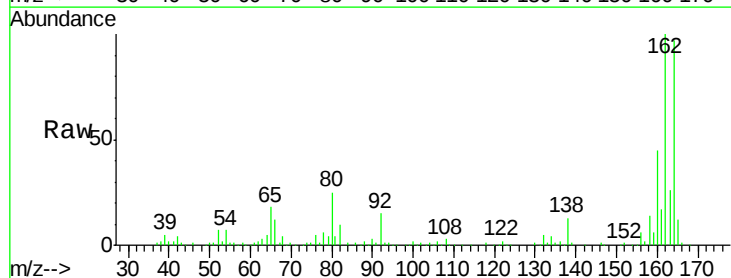
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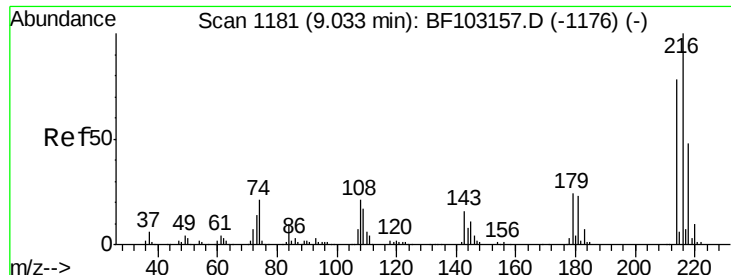
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF103648.D
 Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	46.2	38.3	57.5





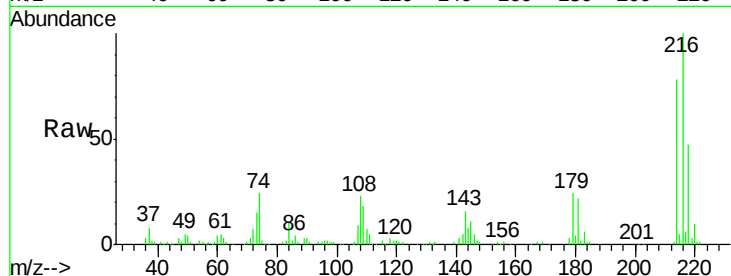
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.107 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF103648.D
 Acq: 14 Mar 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMSD

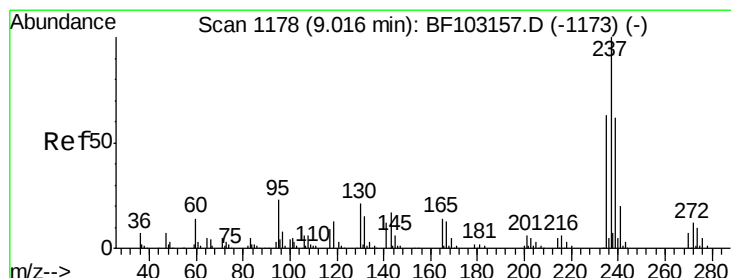
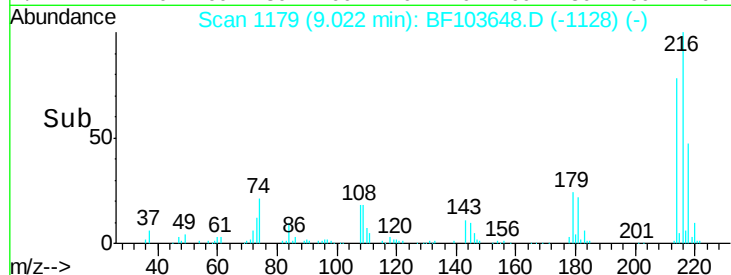
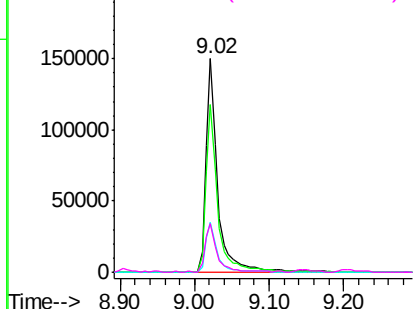
Tot Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.0	94.4
179	23.8	18.1	27.1
108	23.8	17.2	25.8

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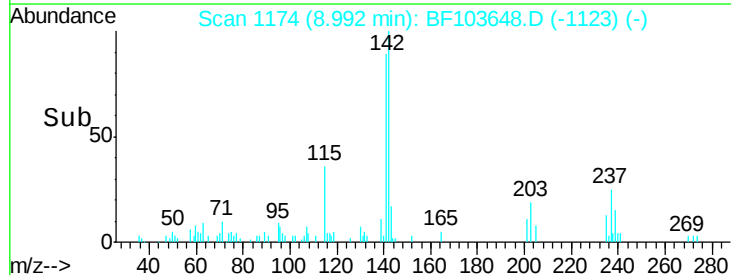
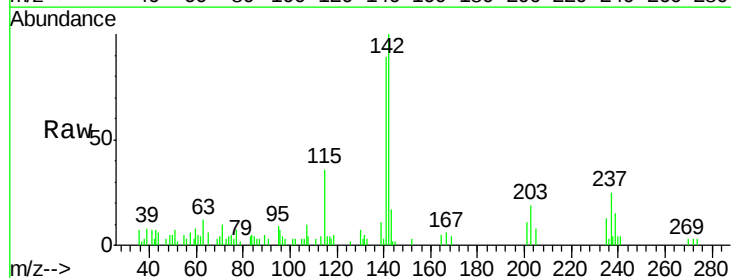
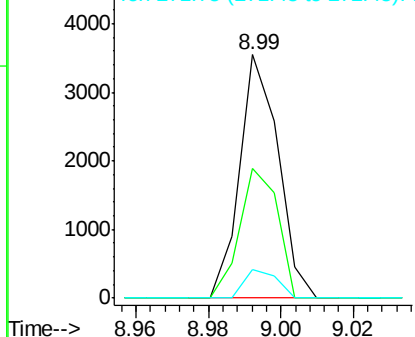
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

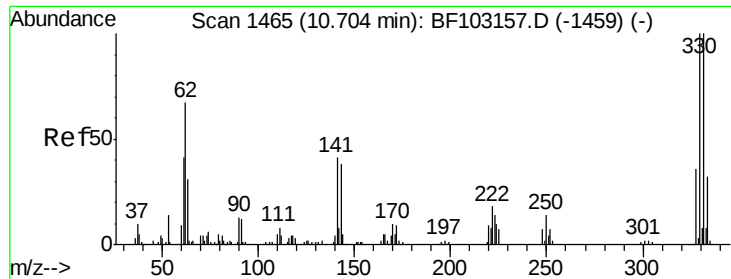


#40
 Hexachlorocyclopentadiene
 Concen: 10.172 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF103648.D
 Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Lower	Upper
237	100		
235	53.1	44.8	84.8
272	11.5	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





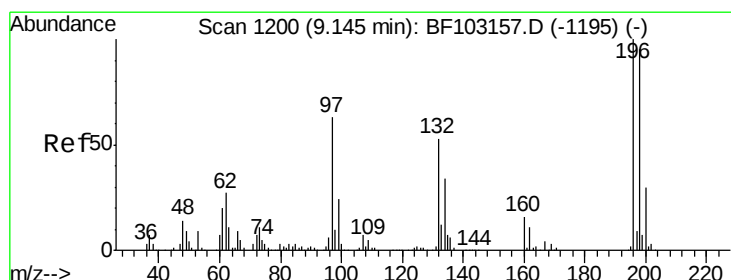
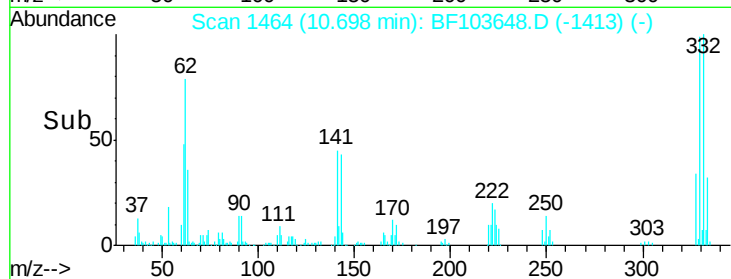
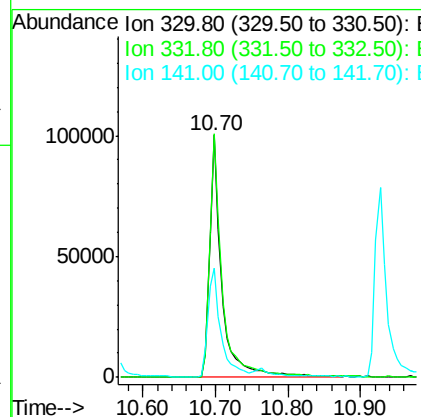
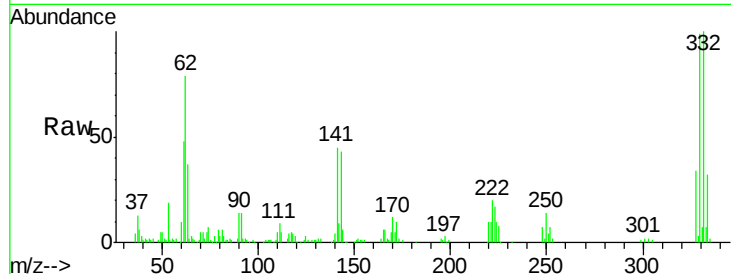
#41
 2,4,6-Tribromophenol
 Concen: 75.004 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF103648.D
 Acq: 14 Mar 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	119903		
332	104.3	77.0	115.6	
141	46.8	29.9	44.9	

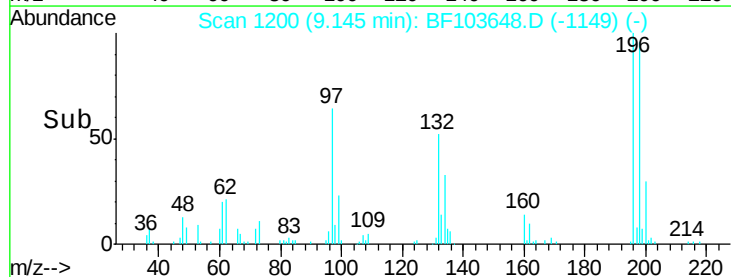
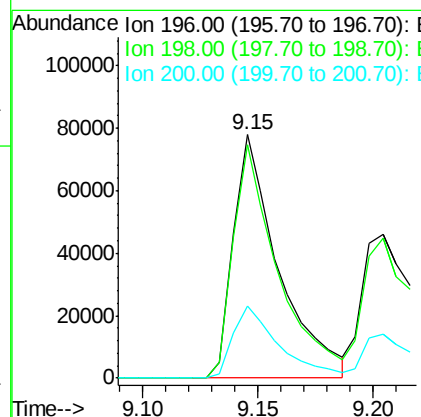
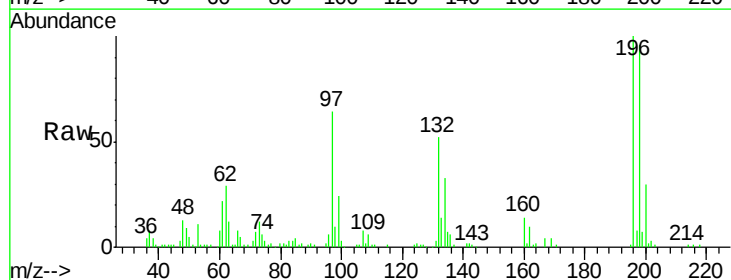
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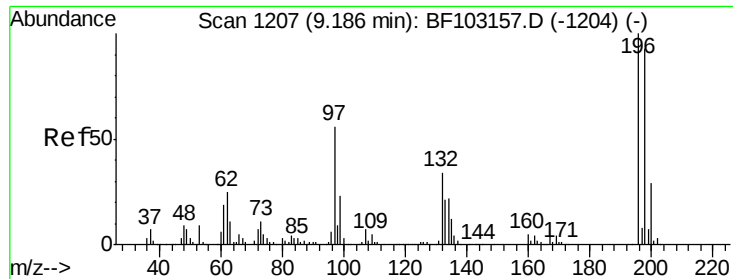
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#42
 2,4,6-Trichlorophenol
 Concen: 30.627 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF103648.D
 Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	106403		
198	96.1	75.7	113.5	
200	29.7	24.5	36.7	





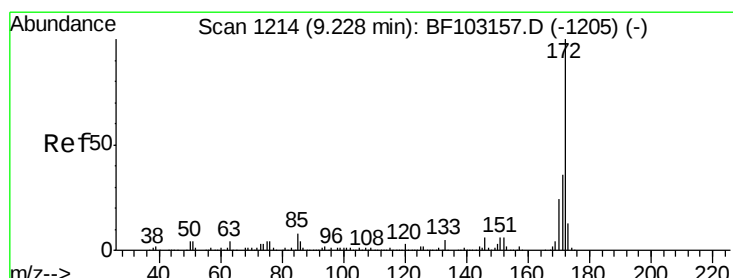
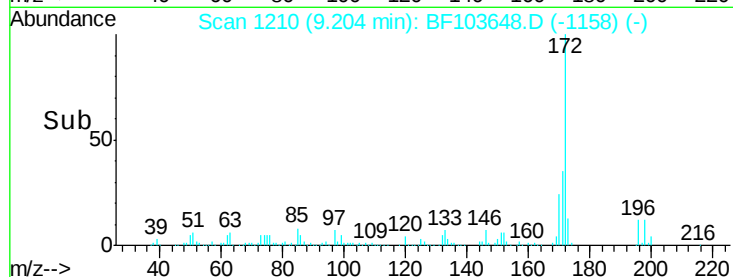
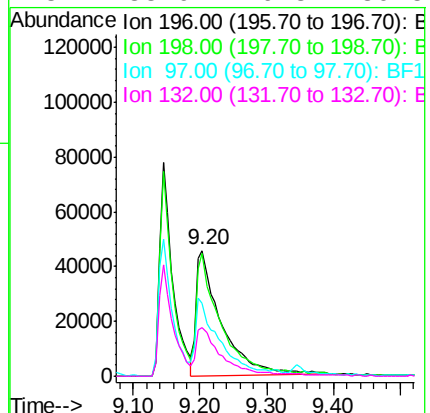
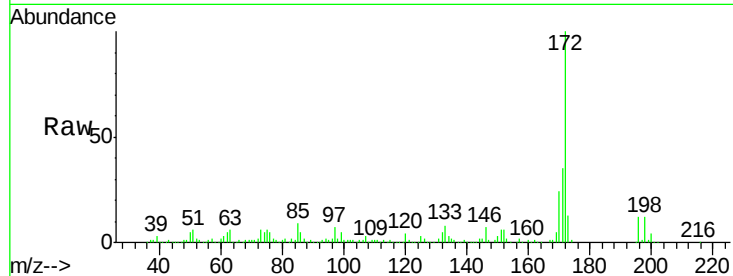
#43
2,4,5-Trichlorophenol
Concen: 29.420 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		117556		
198	97.2	74.6	112.0		
97	58.4	42.9	64.3		
132	38.9	26.3	39.5		

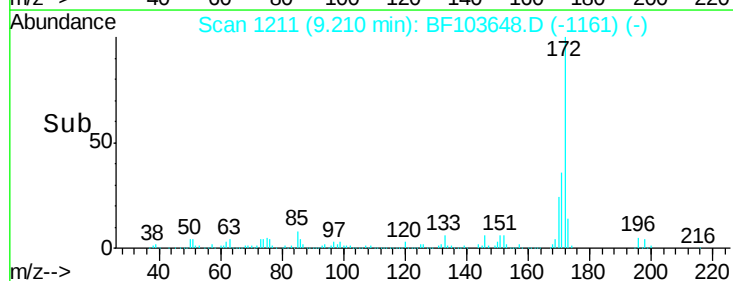
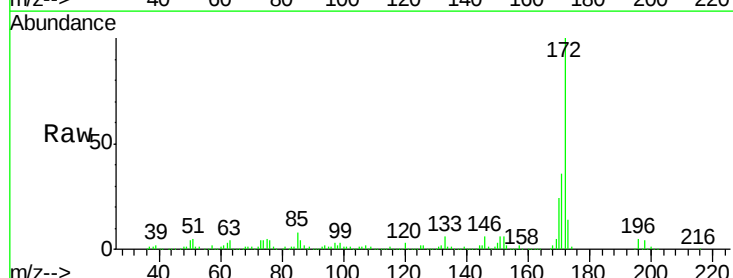
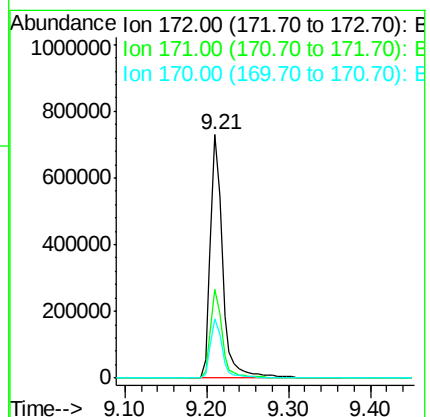
Manual Integrations
APPROVED

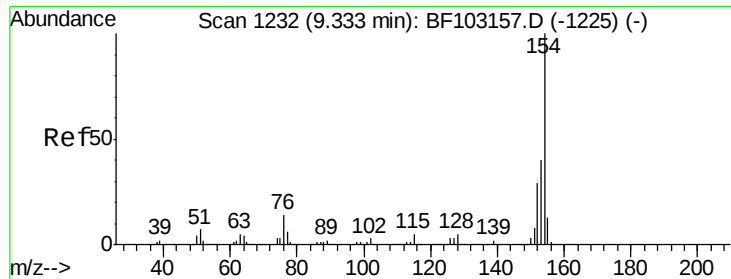
Sohil
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#44
2-Fluorobiphenyl
Concen: 66.242 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		766056		
171	36.3	29.7	44.5		
170	24.2	19.6	29.4		





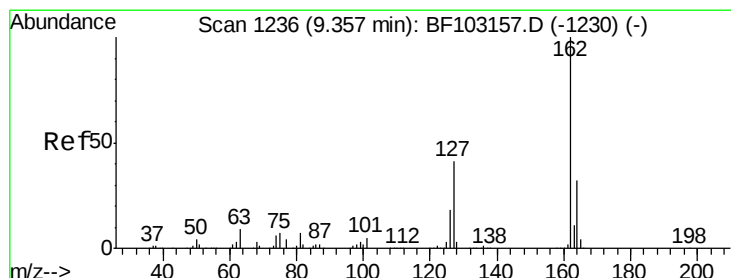
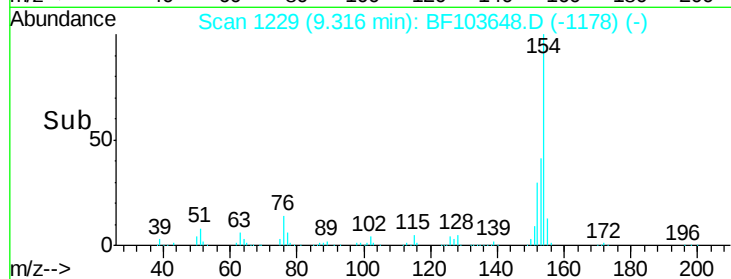
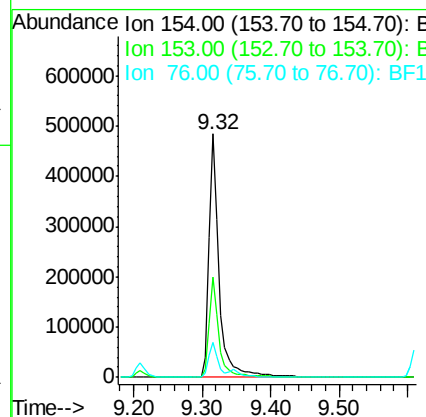
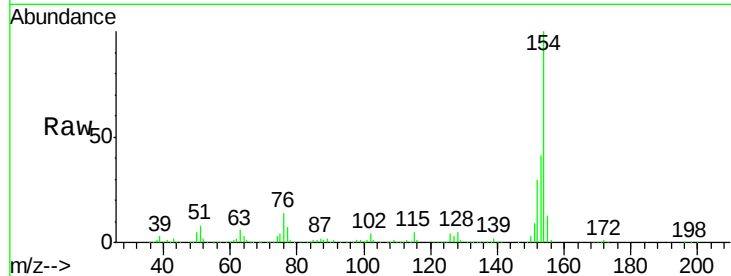
#45
 1,1'-Biphenyl
 Concen: 32.835 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF103648.D
 Acq: 14 Mar 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100	519637		
153	41.2		21.3	61.3
76	14.2		0.0	34.0

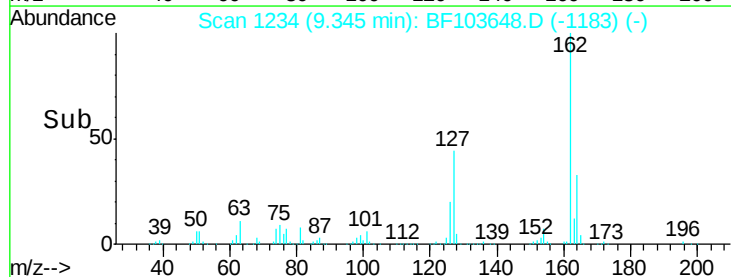
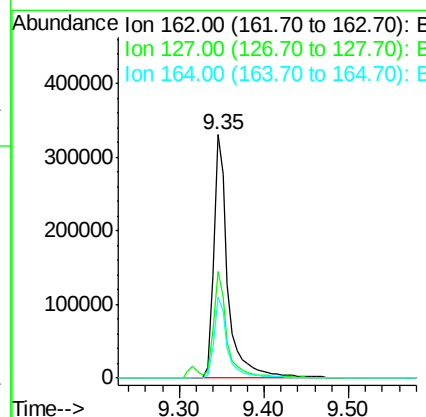
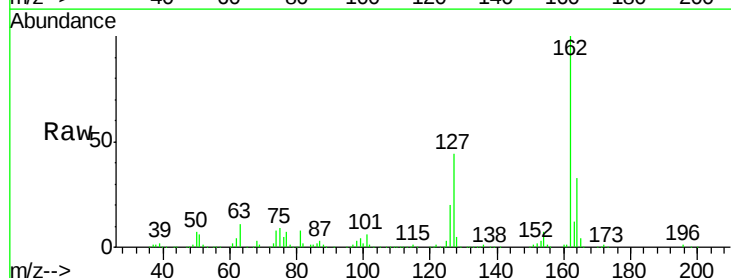
Manual Integrations
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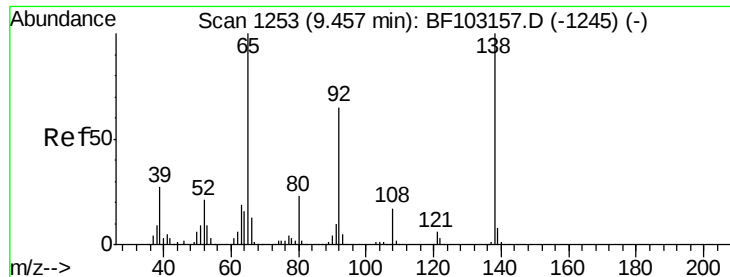
Sohil
 3/15/2018 6:57:39 PM



#46
 2-Chloronaphthalene
 Concen: 31.479 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF103648.D
 Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	394128		
127	44.0		33.9	50.9
164	33.3		26.5	39.7





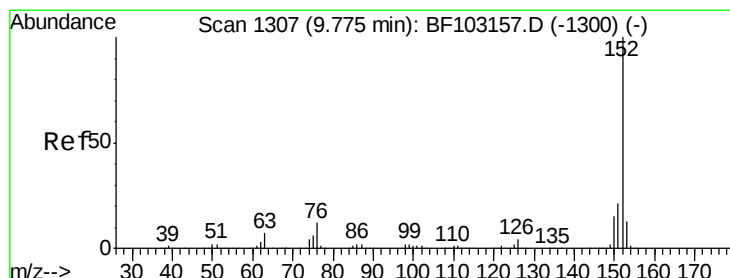
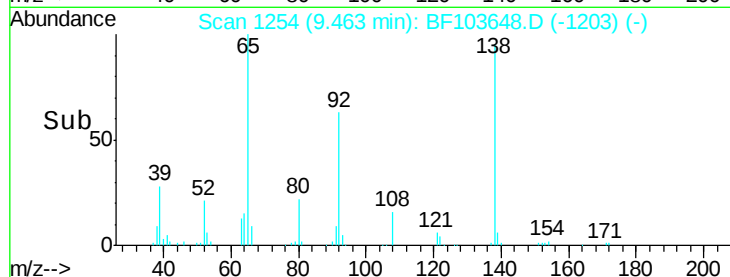
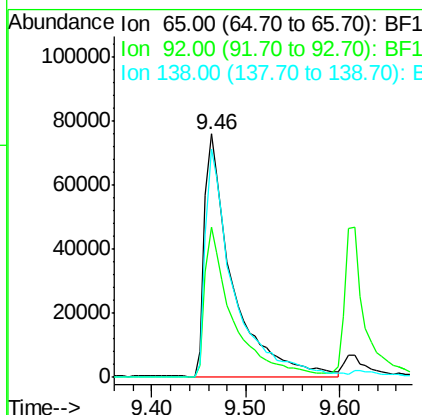
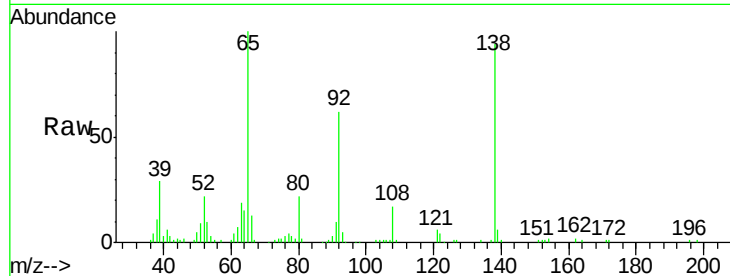
#47
2-Nitroaniline
Concen: 34.418 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.9	55.8	83.6
138	93.9	91.2	136.8

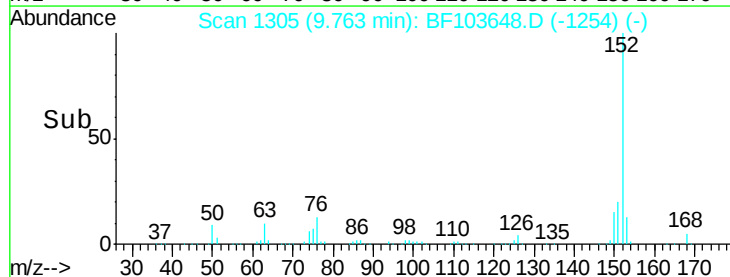
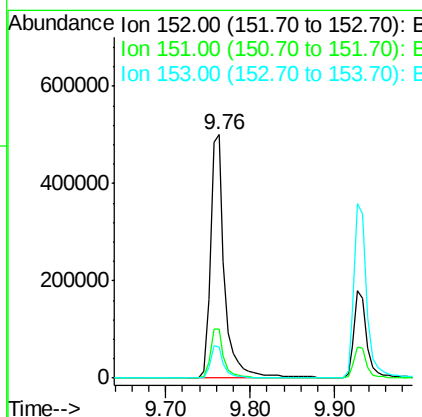
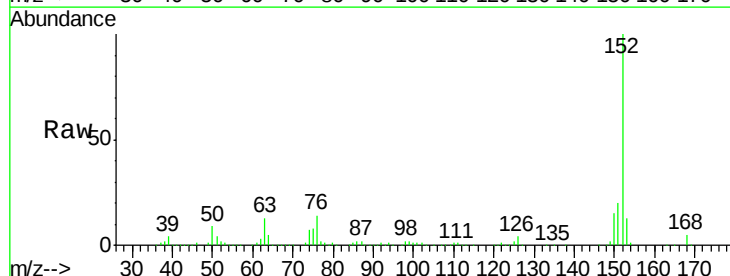
Manual Integrations
APPROVED

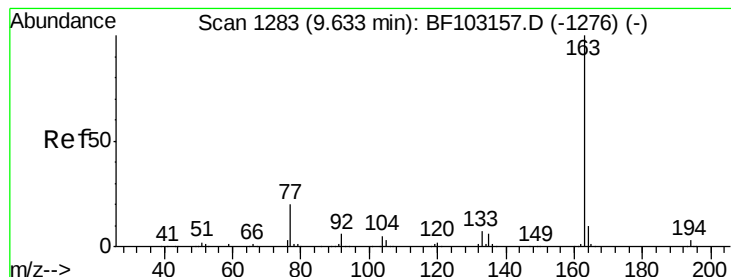
Sohil
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#48
Acenaphthylene
Concen: 30.554 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	12.8	10.7	16.1





#49

Dimethylphthalate

Concen: 31.963 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Instrument :

BNA_F

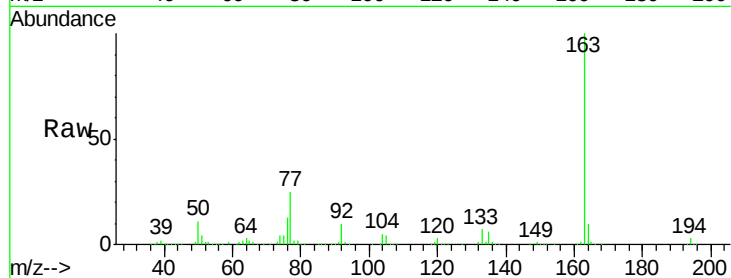
ClientSampleId :

TP-5B-COMPMSD

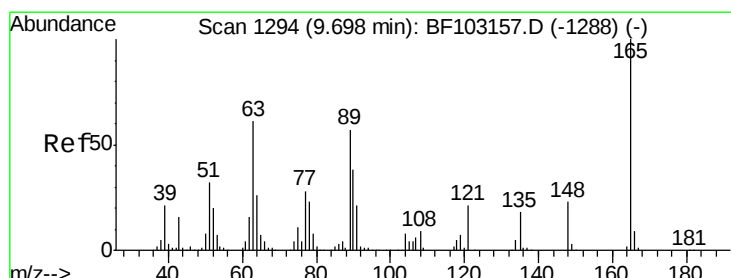
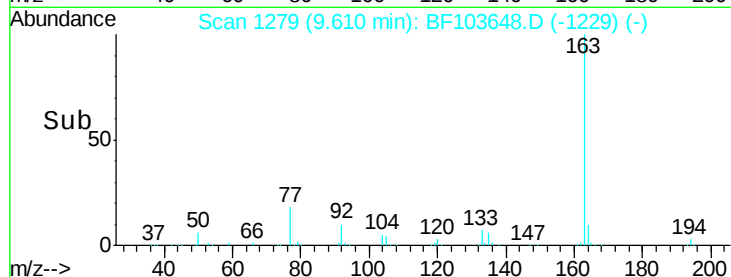
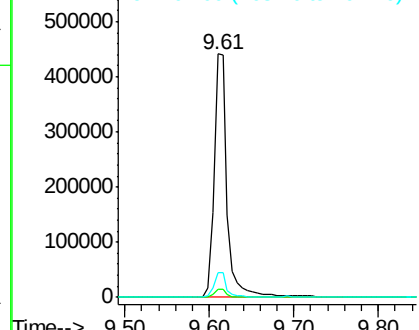
Tot Ion:	163	Resp:	484272
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.7	4.1
164	10.4	8.2	12.2

Manual Integrations
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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: 29.413 ng

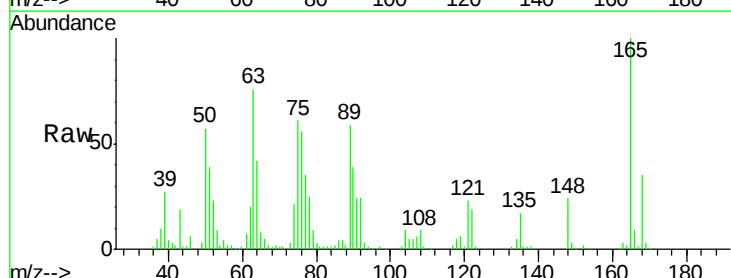
RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

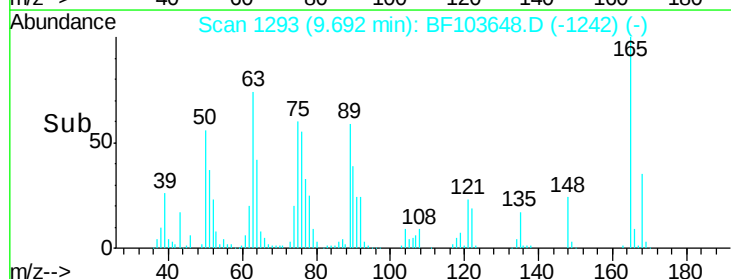
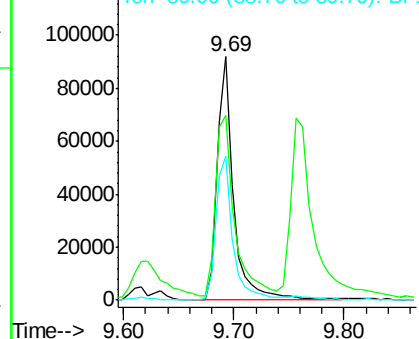
Lab File: BF103648.D

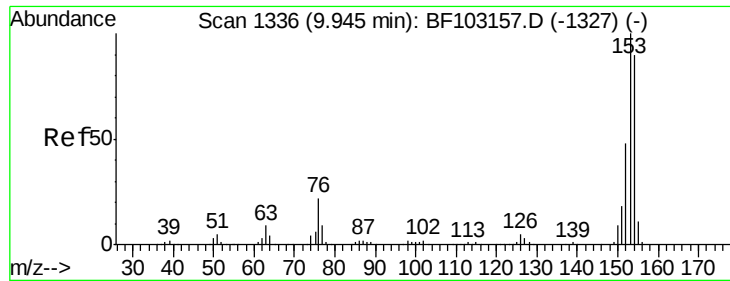
Acq: 14 Mar 2018 18:39

Tgt Ion:	165	Resp:	93518
Ion Ratio	Lower	Upper	
165	100		
63	75.7	44.7	67.1#
89	59.2	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: 30.425 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Instrument :

BNA_F

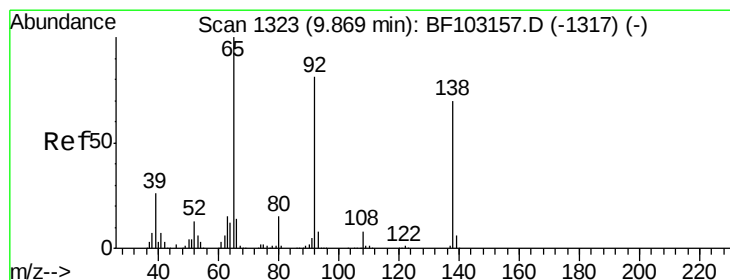
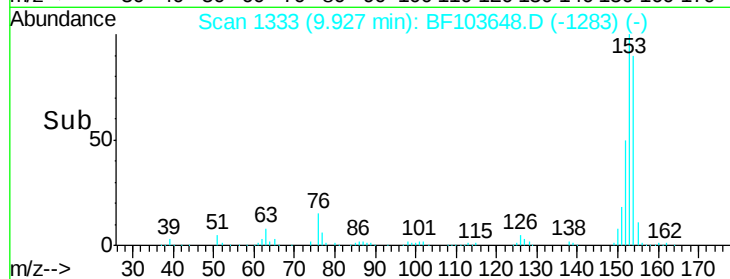
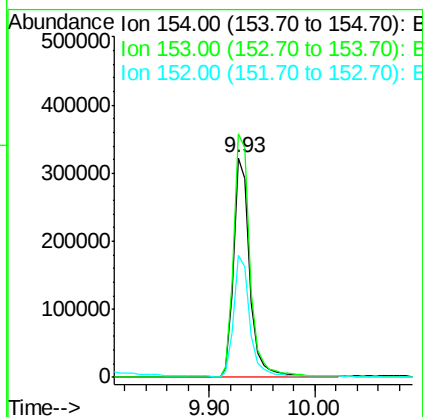
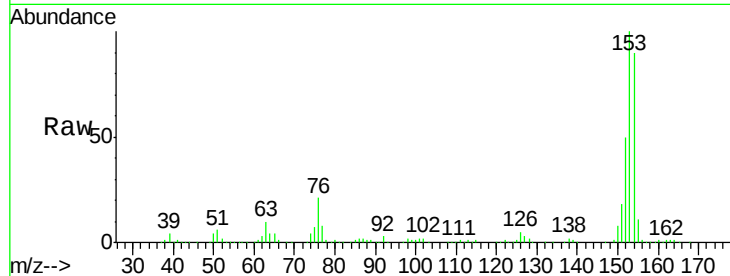
ClientSampleId :

TP-5B-COMPMSD

Tot Ion:	154	Resp:	341763
Ion Ratio	Lower	Upper	
154	100		
153	110.7	91.2	136.8
152	55.3	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 24.865 ng

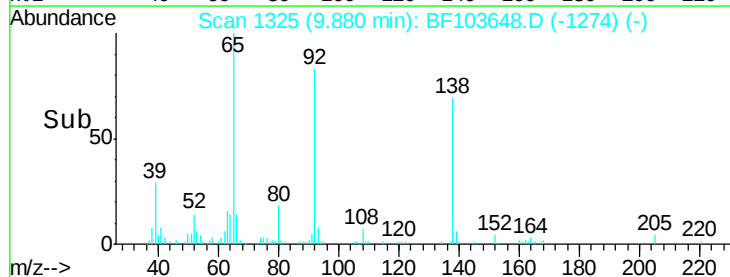
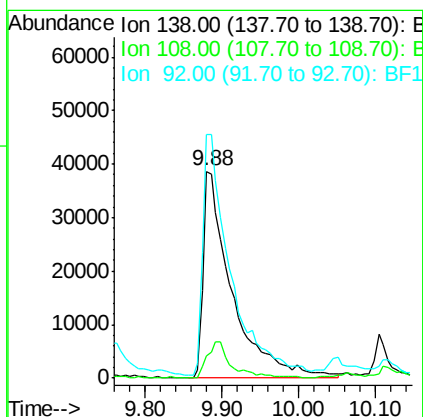
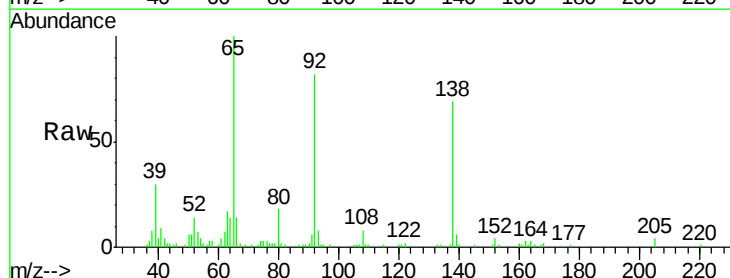
RT: 9.88 min Scan# 1325

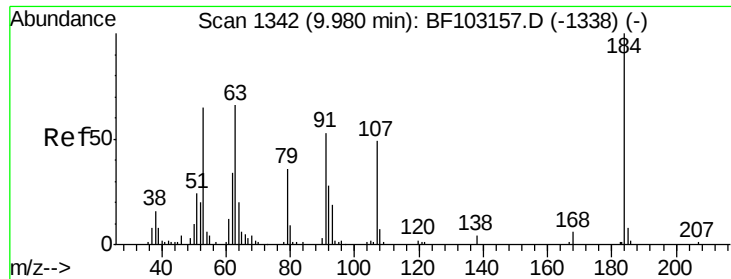
Delta R.T. 0.00 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Tgt Ion:	138	Resp:	100304
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.4	14.0
92	117.9	89.4	134.2





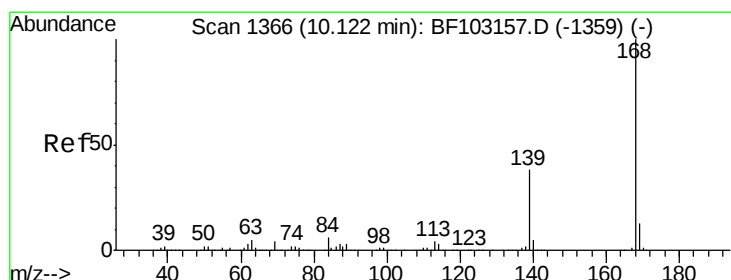
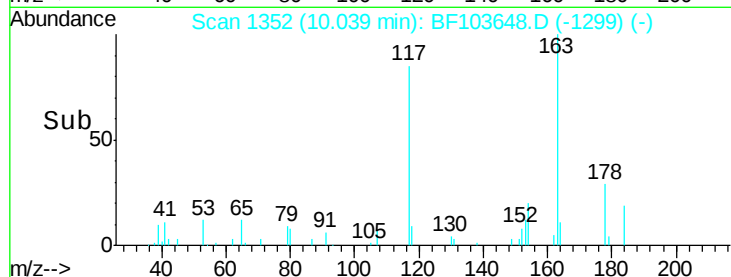
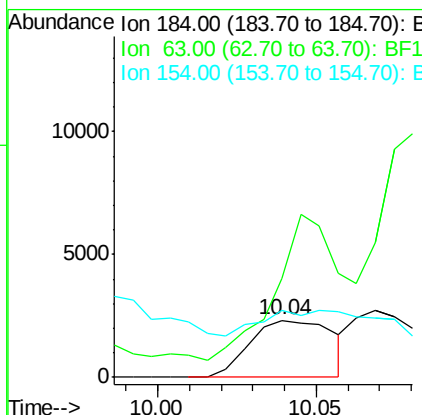
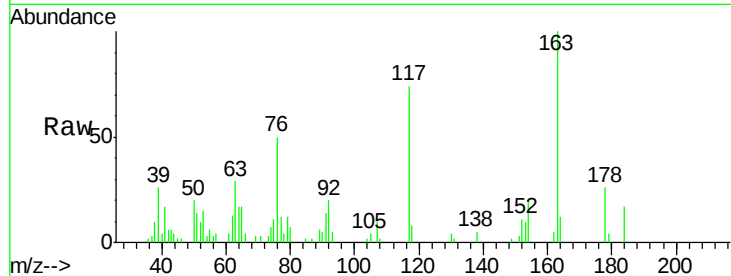
#53
2,4-Dinitrophenol
Concen: 12.853 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMSD

Tot Ion:184 Resp: 4219
Ion Ratio Lower Upper
184 100
63 173.4 54.2 81.2#
154 117.3 184.0 276.0#

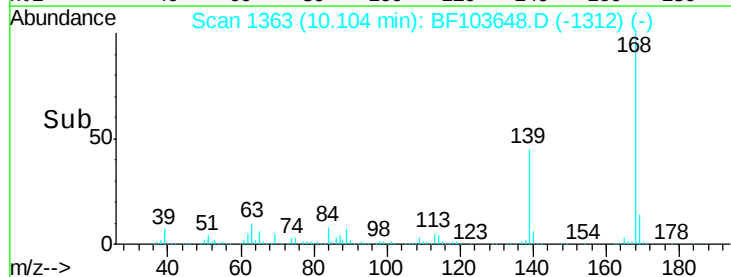
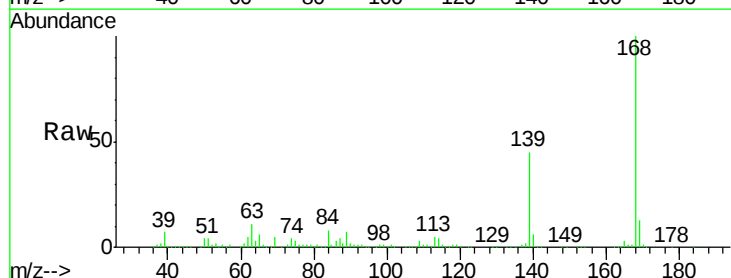
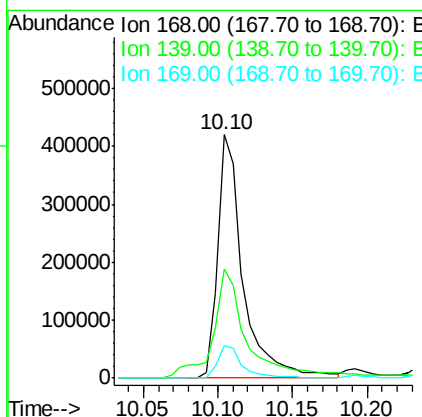
Manual Integrations
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#54
Dibenzofuran
Concen: 32.453 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Tgt Ion:168 Resp: 500425
Ion Ratio Lower Upper
168 100
139 44.8 30.1 45.1
169 13.4 10.9 16.3





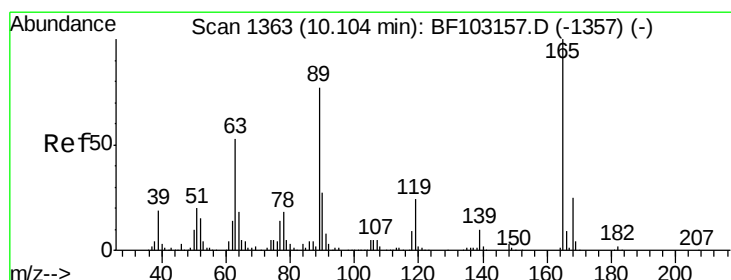
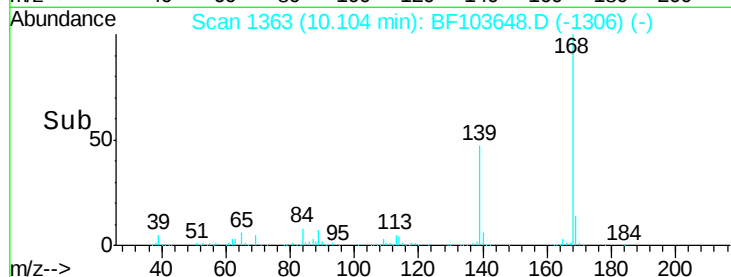
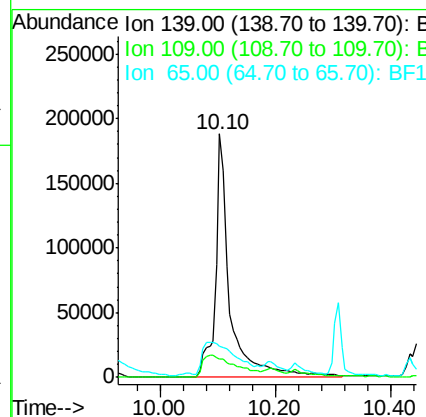
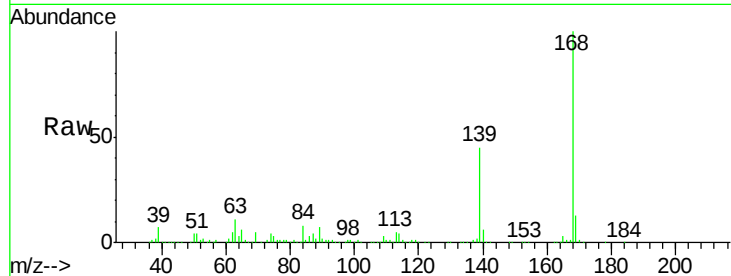
#55
4-Nitrophenol
Concen: 131.111 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.04 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	327790		
109	7.4	48.4	88.4#	
65	13.0	72.6	112.6#	

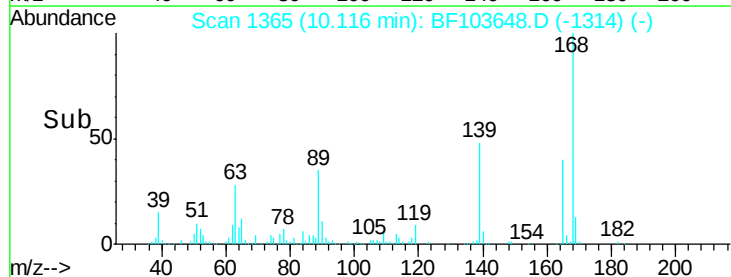
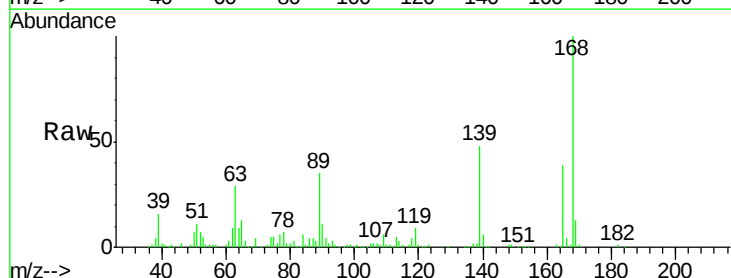
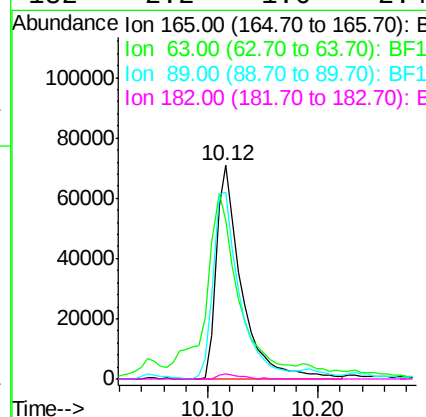
Manual Integrations
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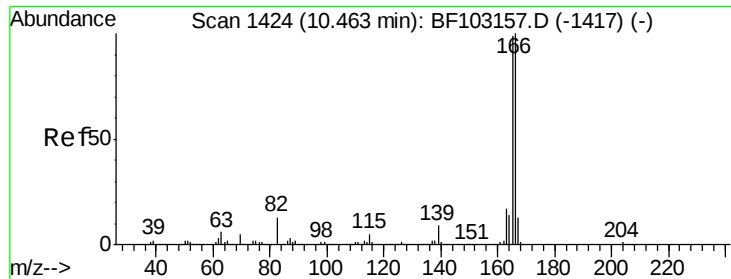
Sohil
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#56
2,4-Dinitrotoluene
Concen: 27.754 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	111603		
63	74.4	36.4	54.6#	
89	87.8	57.8	86.6#	
182	2.2	1.6	2.4	





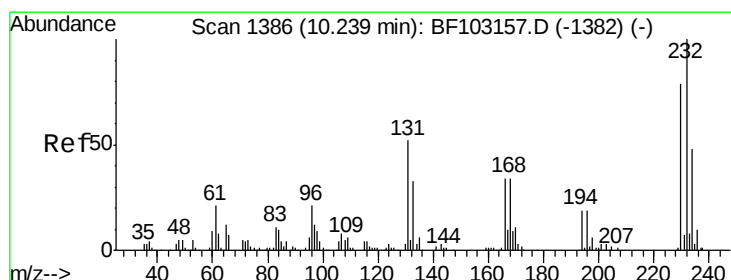
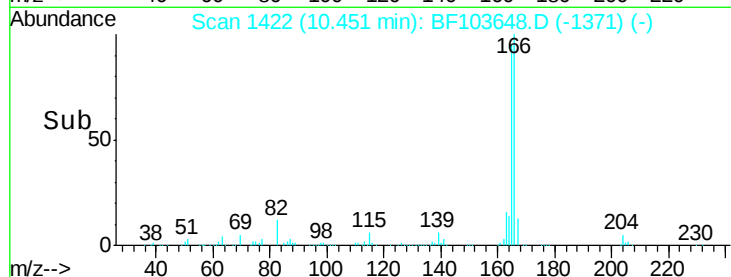
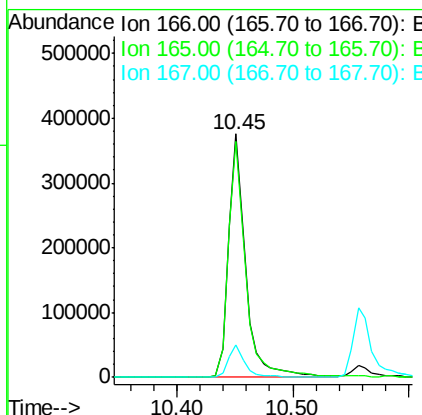
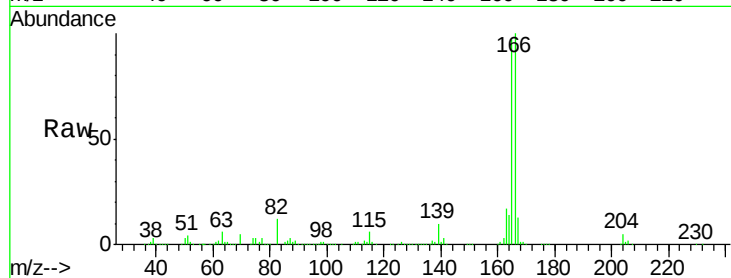
#57
 Fluorene
 Concen: 29.362 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF103648.D
 Acq: 14 Mar 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.8	119.8
167	13.3	10.6	16.0

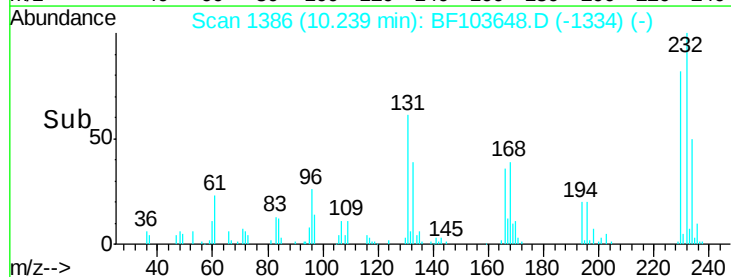
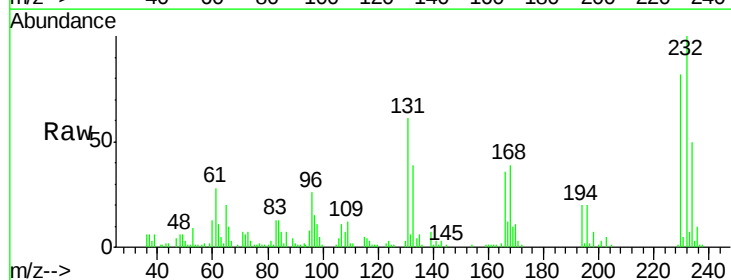
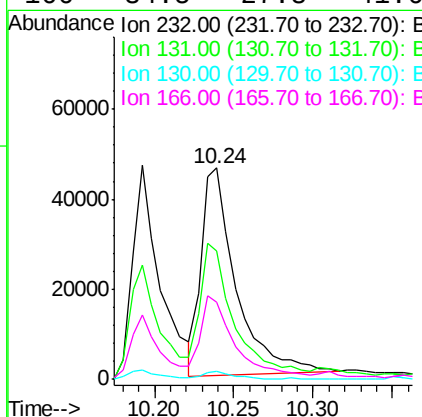
Manual Integrations
 APPROVED

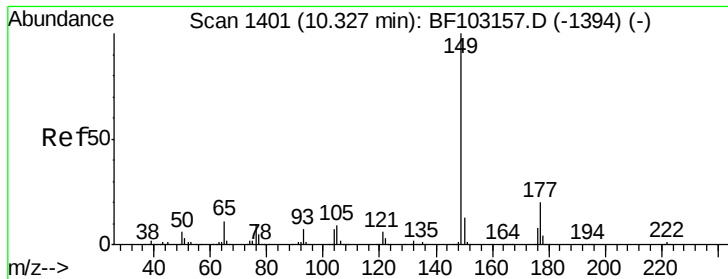
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 26.616 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF103648.D
 Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Lower	Upper
232	100		
131	64.6	43.8	65.8
130	3.2	2.1	3.1#
166	34.5	27.8	41.6





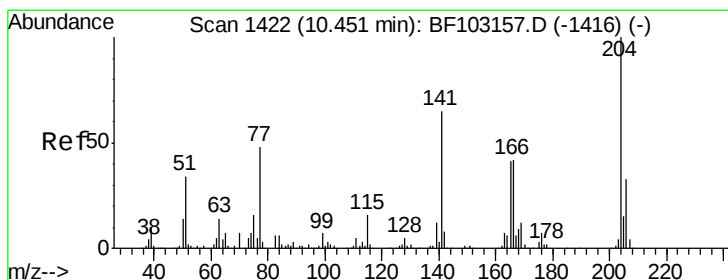
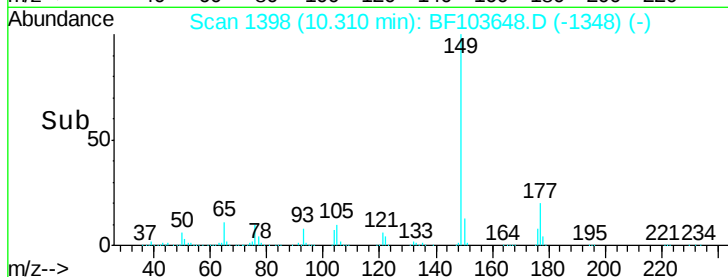
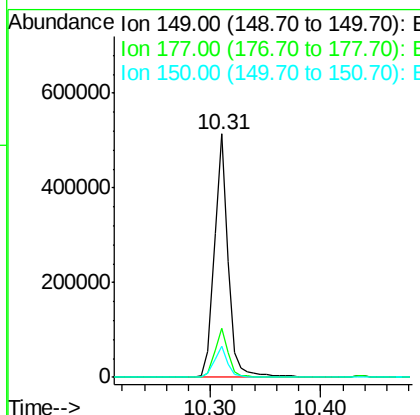
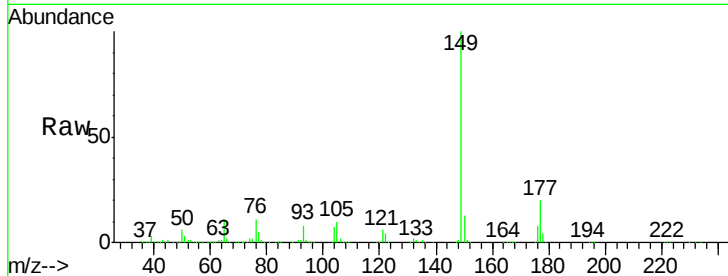
#59
Diethylphthalate
Concen: 30.412 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.1	24.1
150	12.7	10.1	15.1

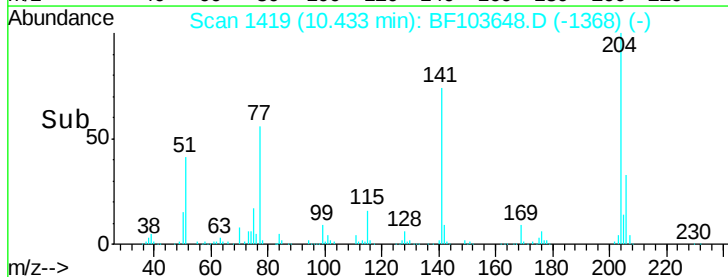
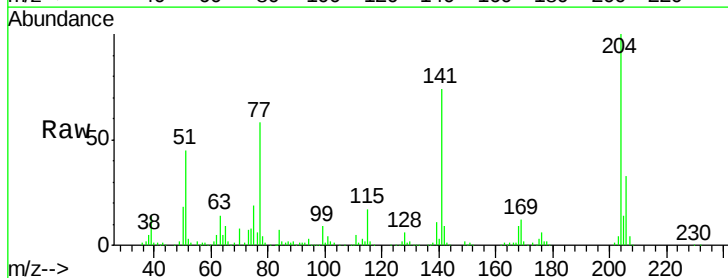
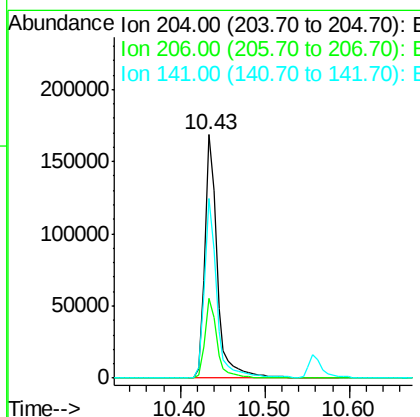
Manual Integrations
APPROVED

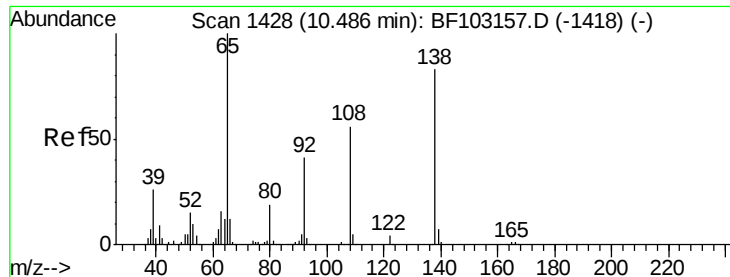
Sohil
3/15/2018 6:57:39 PM



#60
4-Chlorophenyl-phenylether
Concen: 30.982 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	73.9	54.6	81.8





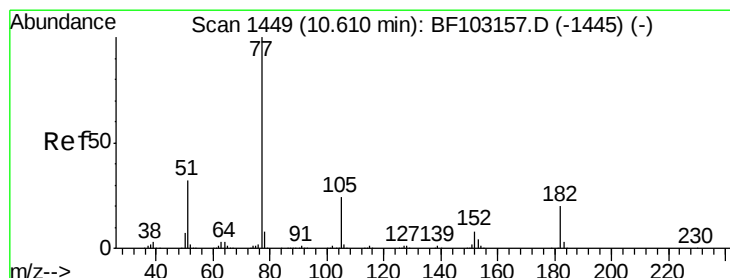
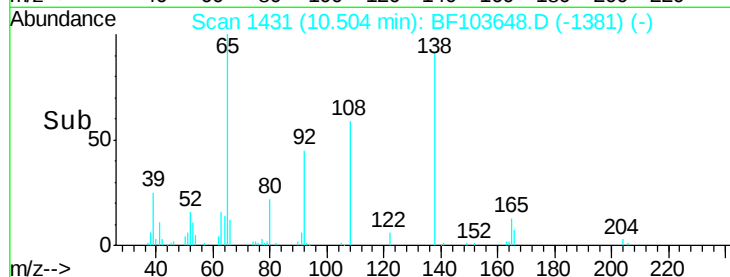
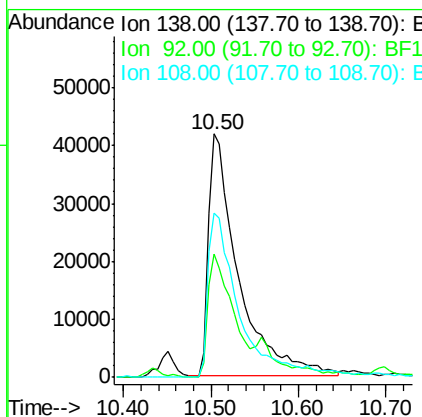
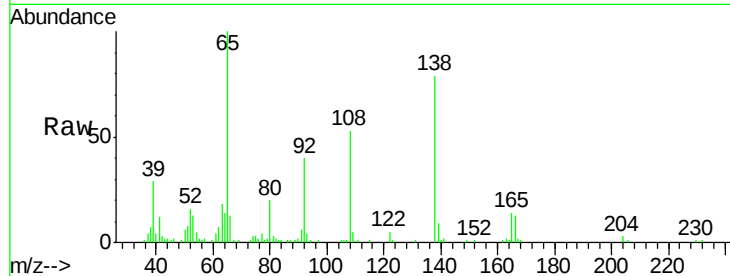
#61
4-Nitroaniline
Concen: 24.476 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.5	30.2	70.2
108	67.2	52.5	92.5

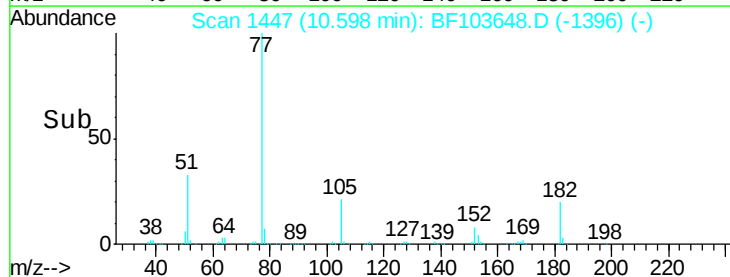
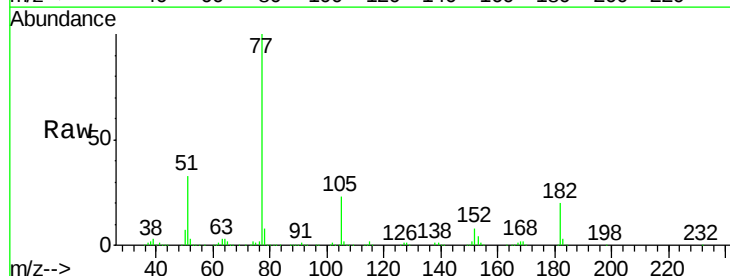
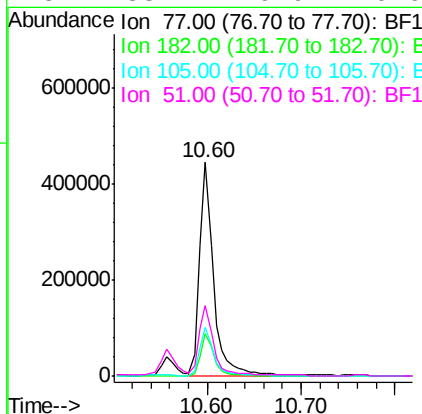
Manual Integrations
APPROVED

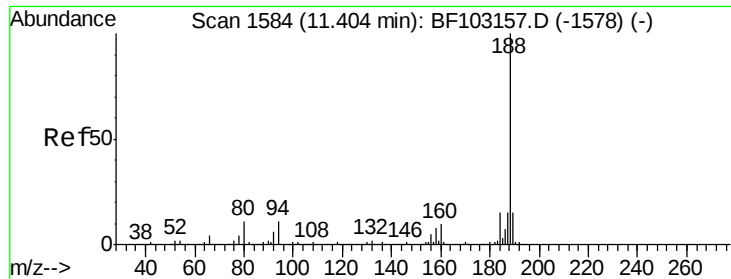
Sohil
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#62
Azobenzene
Concen: 31.183 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.8	1.7	41.7
105	23.1	3.0	43.0
51	33.2	9.9	49.9





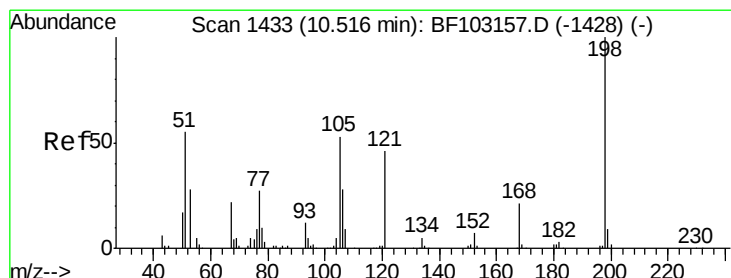
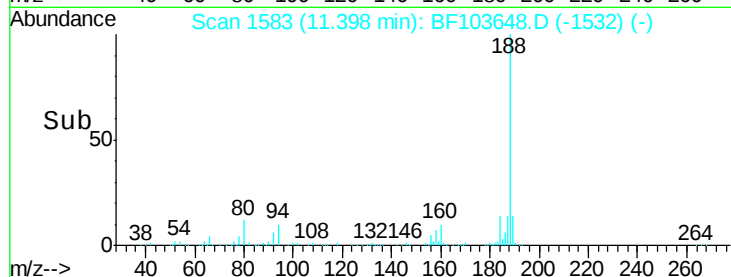
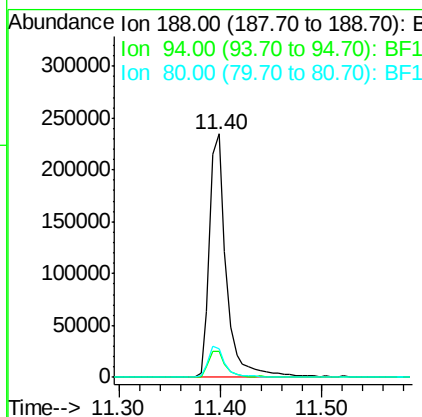
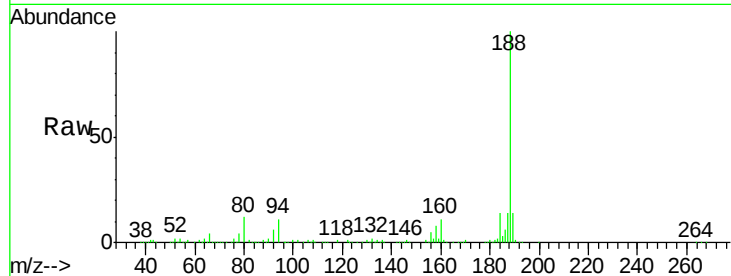
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	272762		
94	10.7		8.5	12.7
80	11.8		9.2	13.8

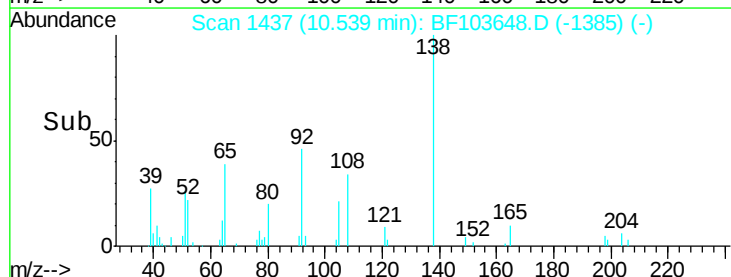
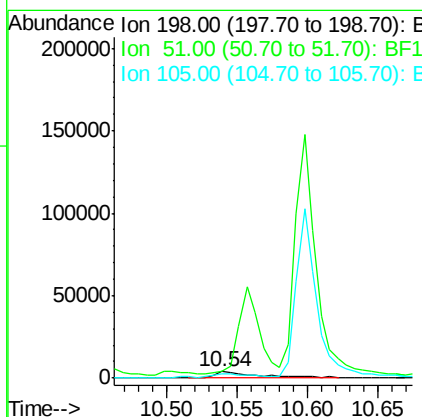
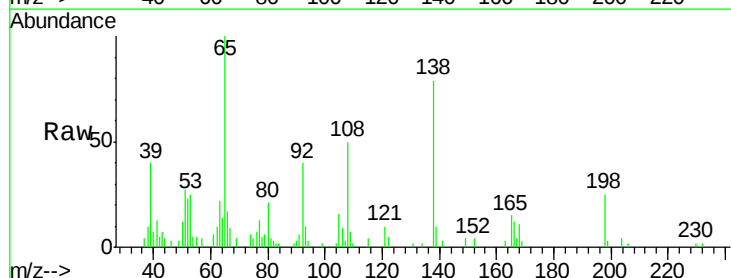
Manual Integrations
APPROVED

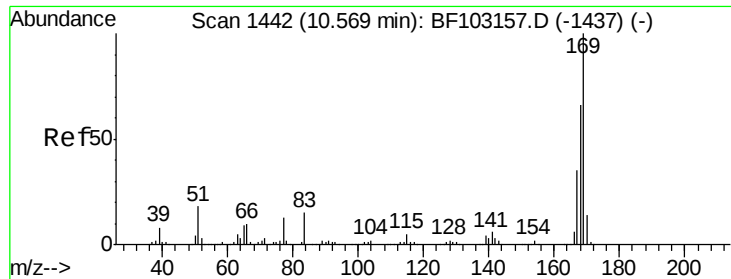
Sohil
3/15/2018 6:57:39 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 9.865 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	9103		
51	106.3		37.7	77.7#
105	64.8		36.3	76.3





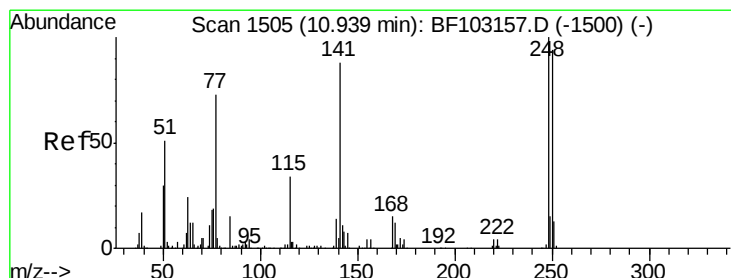
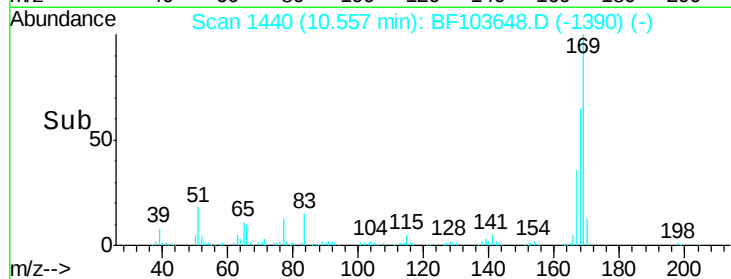
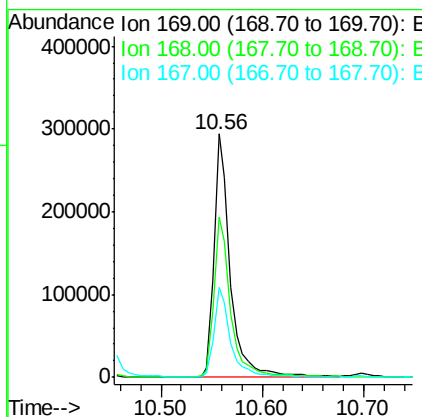
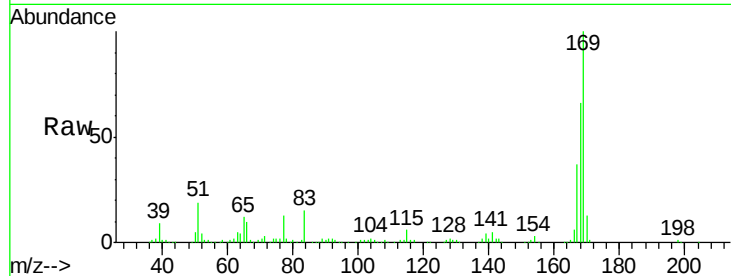
#65
n-Nitrosodiphenylamine
Concen: 34.741 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	329944		
168	66.1		54.4	81.6
167	36.7		29.8	44.6

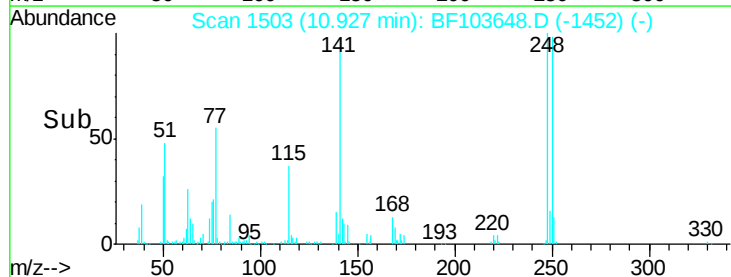
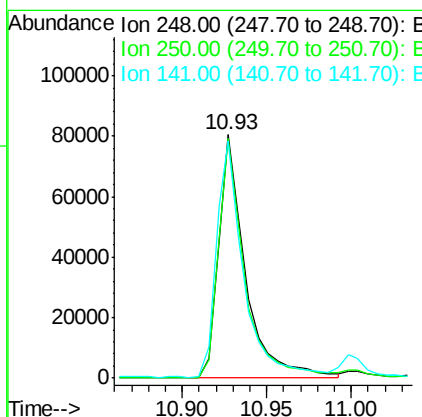
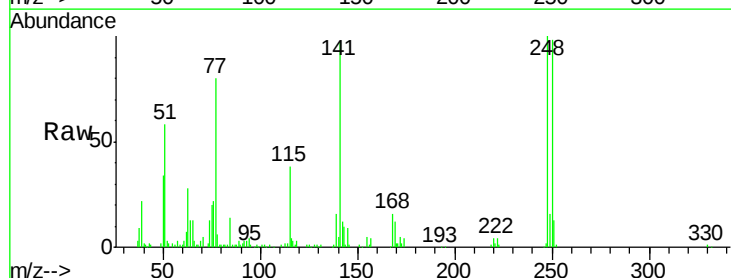
Manual Integrations
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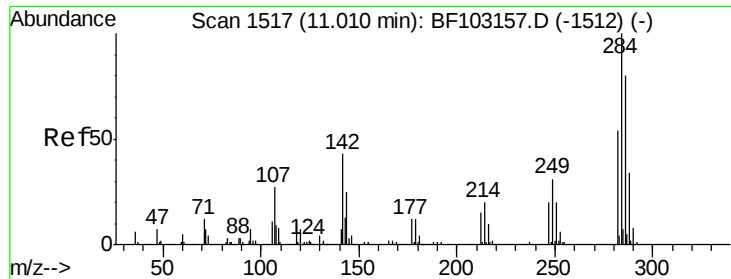
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#66
4-Bromophenyl-phenylether
Concen: 31.530 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	89588		
250	98.4		76.9	115.3
141	97.5		74.4	111.6





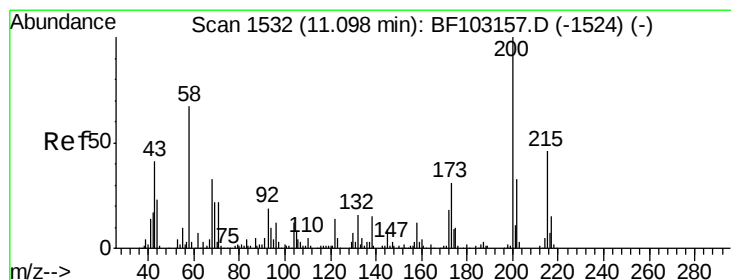
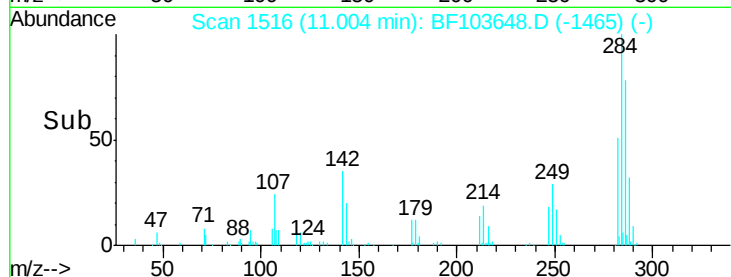
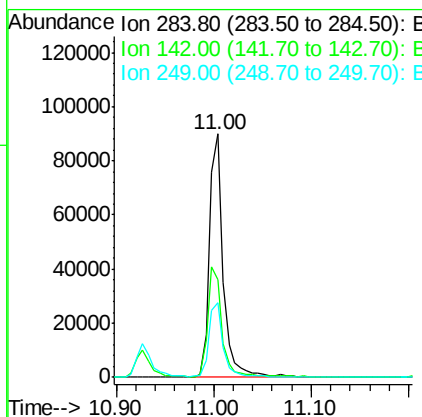
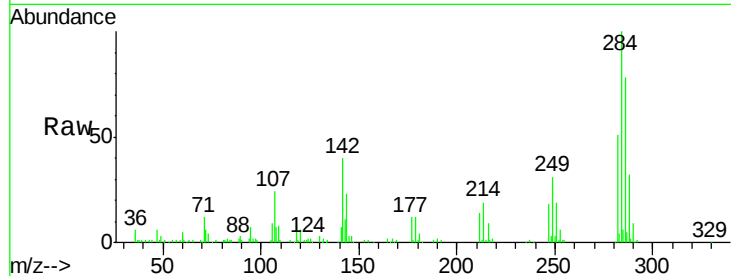
#67
Hexachlorobenzene
Concen: 28.691 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	40.2	34.6	52.0
249	30.5	24.8	37.2

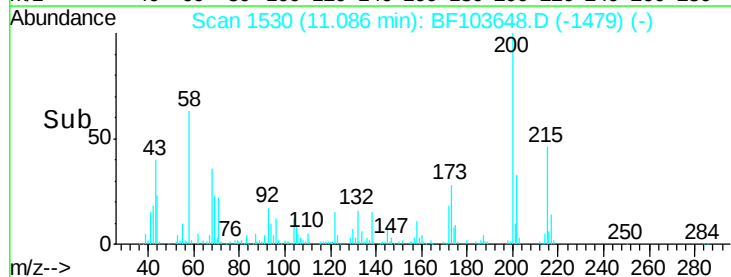
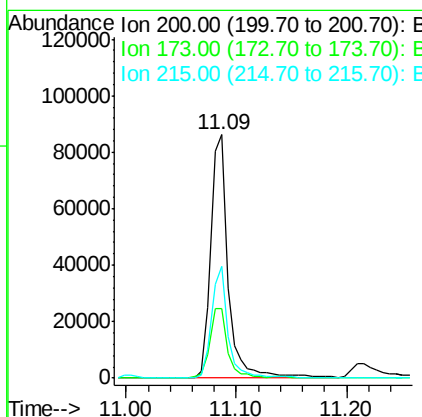
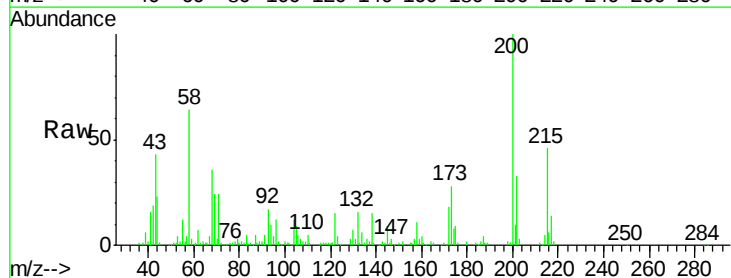
Manual Integrations
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#68
Atrazine
Concen: 32.509 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.6	48.6
215	45.8	25.1	65.1





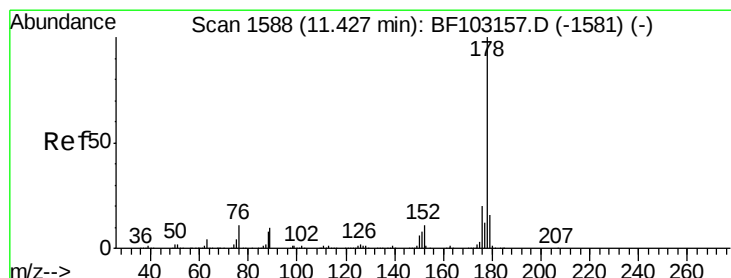
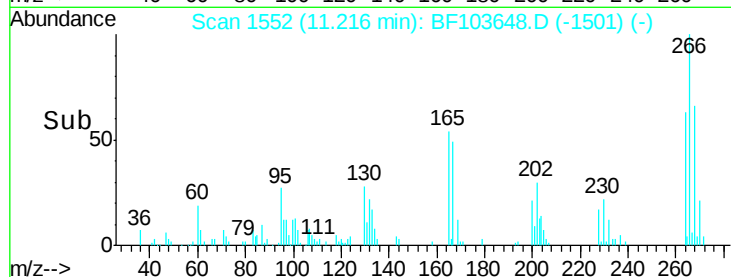
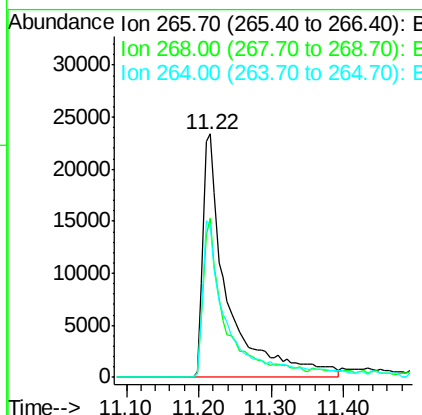
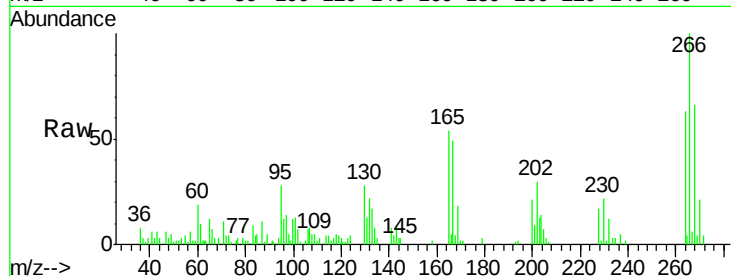
#69
 Pentachlorophenol
 Concen: 37.094 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF103648.D
 Acq: 14 Mar 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.1	76.7
264	63.0	49.5	74.3

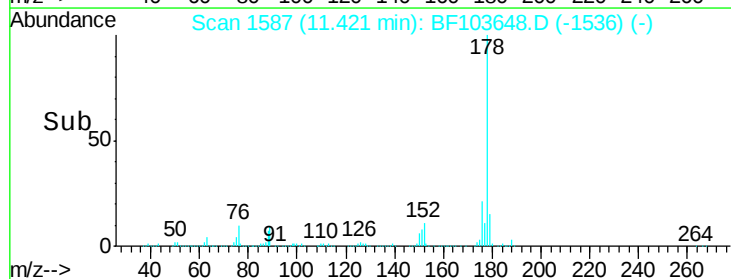
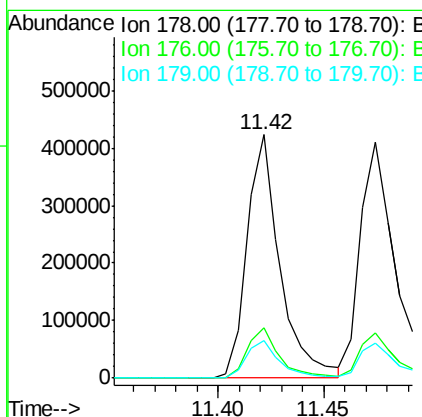
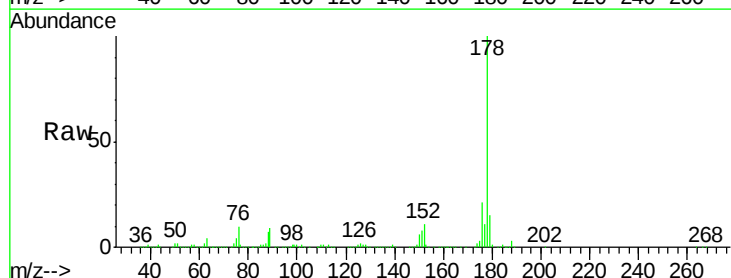
Manual Integrations
 APPROVED

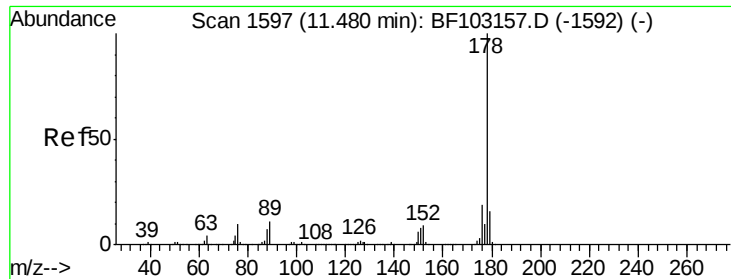
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#70
 Phenanthrene
 Concen: 30.632 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF103648.D
 Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	15.3	13.0	19.6





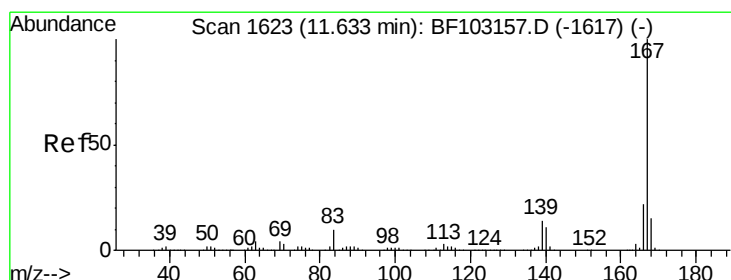
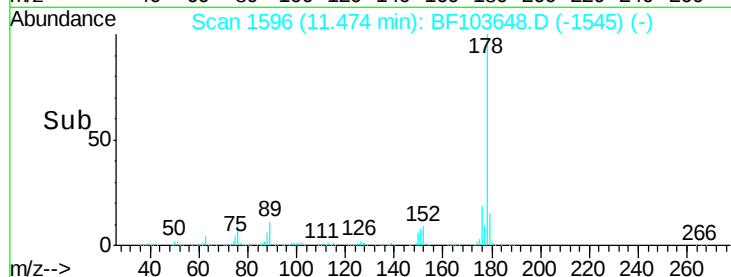
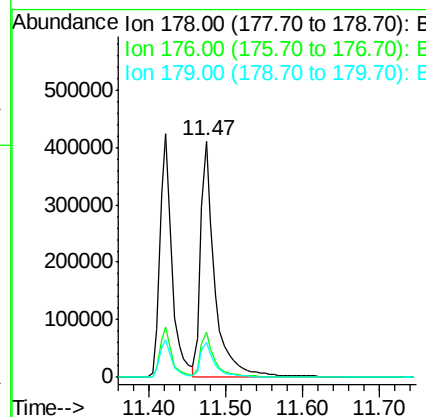
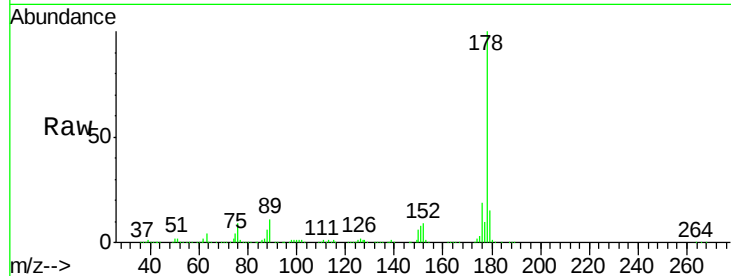
#71
 Anthracene
 Concen: 34.425 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF103648.D
 Acq: 14 Mar 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	14.9	12.6	19.0

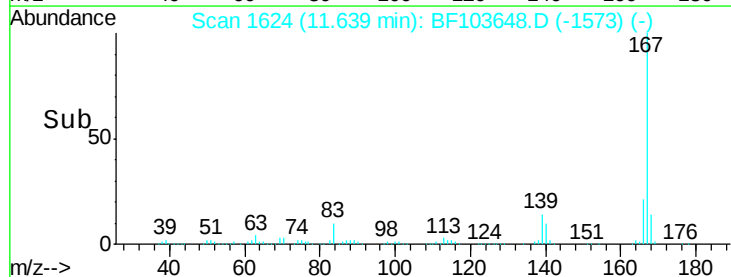
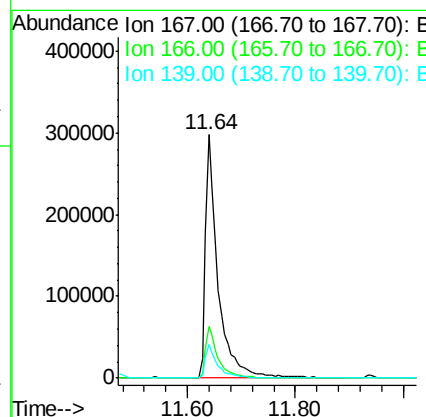
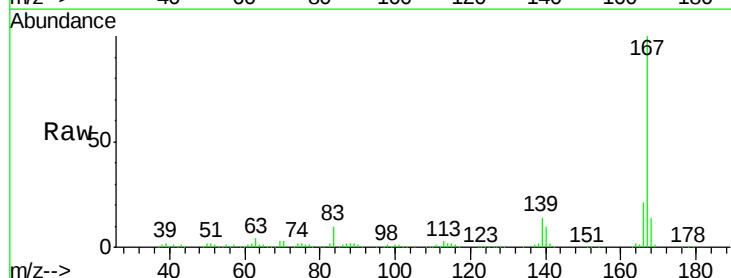
Manual Integrations
 APPROVED

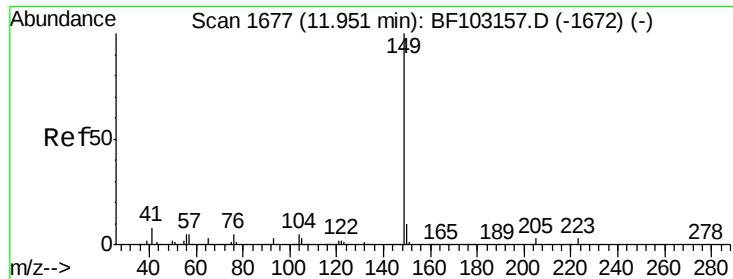
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#72
 Carbazole
 Concen: 31.484 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103648.D
 Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	14.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 47.964 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Instrument :

BNA_F

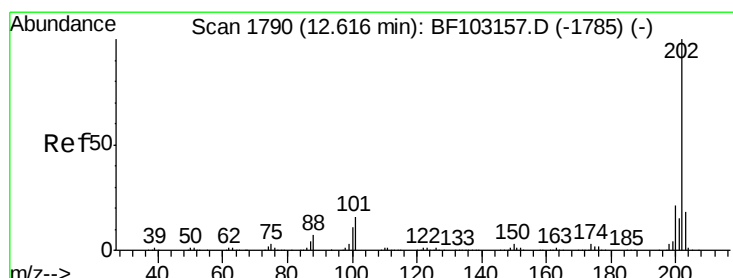
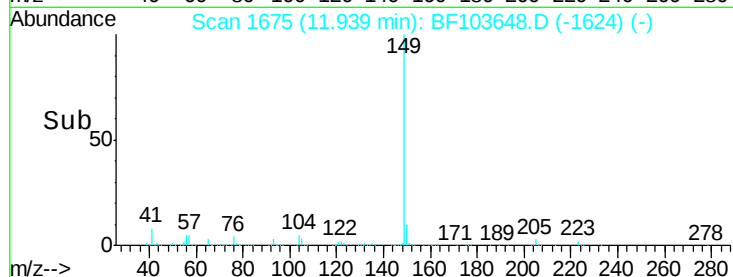
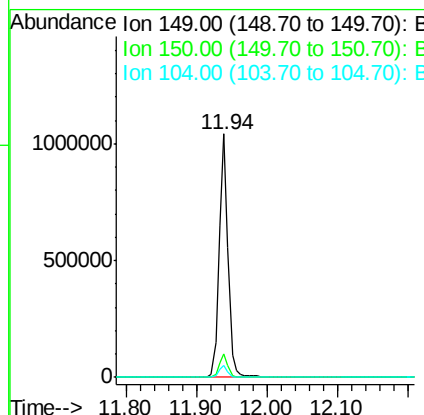
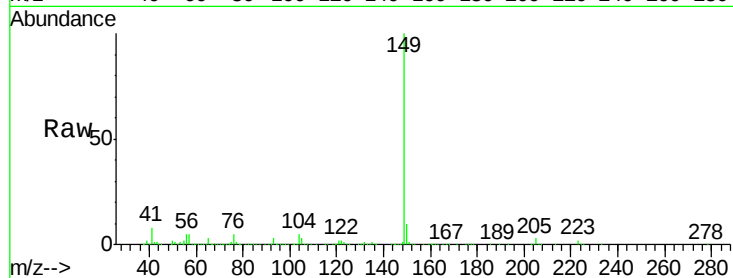
ClientSampleId :

TP-5B-COMPMSD

Tot Ion:	149	Resp:	919990
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	5.0	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 31.075 ng

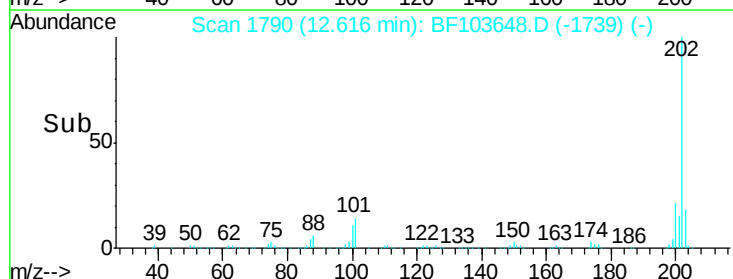
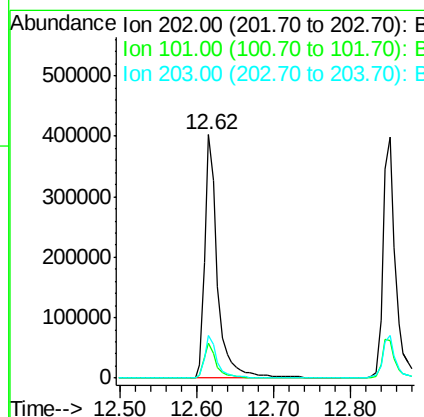
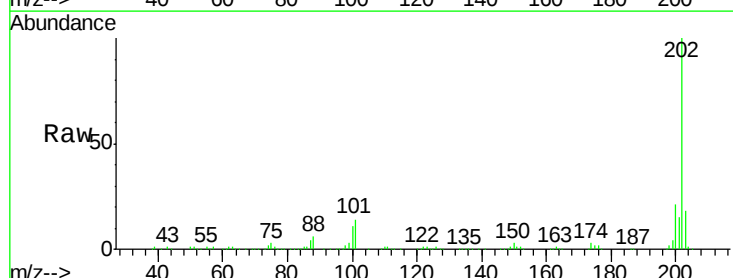
RT: 12.62 min Scan# 1790

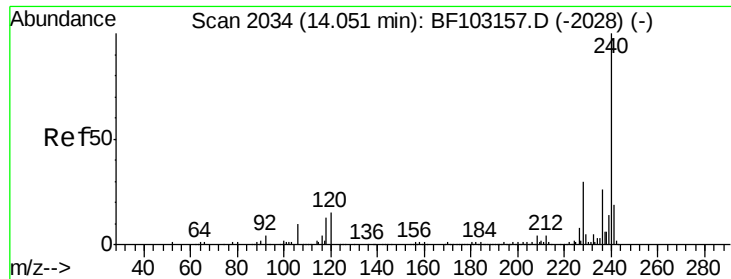
Delta R.T. 0.00 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Tgt Ion:	202	Resp:	468742
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Instrument :

BNA_F

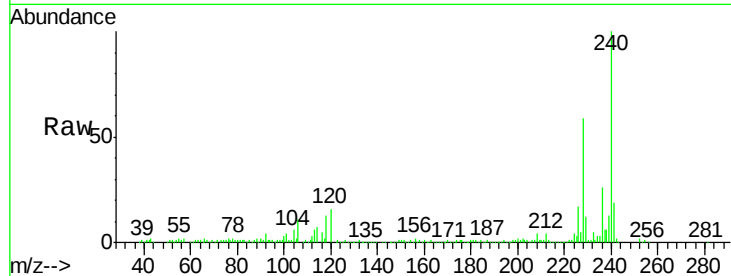
ClientSampled :

TP-5B-COMPMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.5	14.3
236	26.4	20.7	31.1

Manual Integrations
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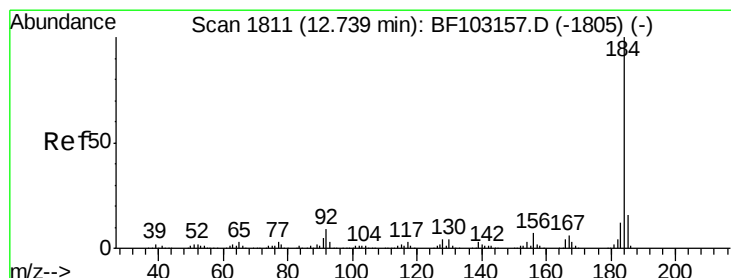
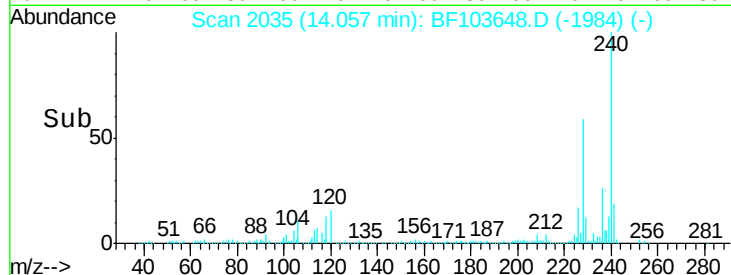
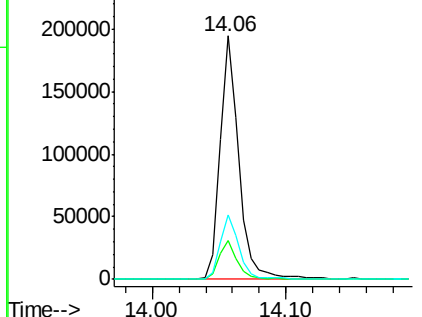
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.928 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF103648.D

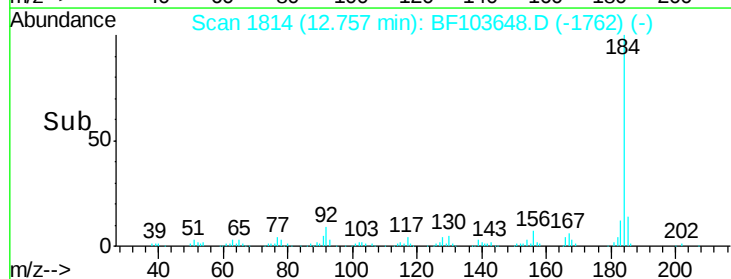
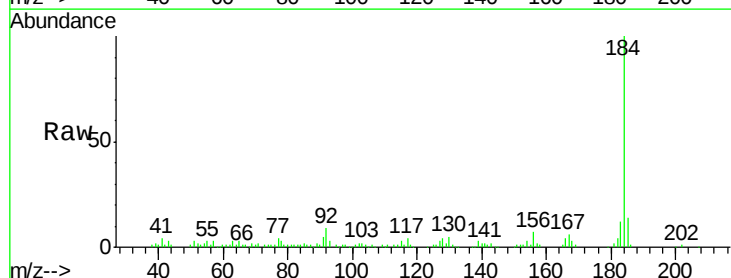
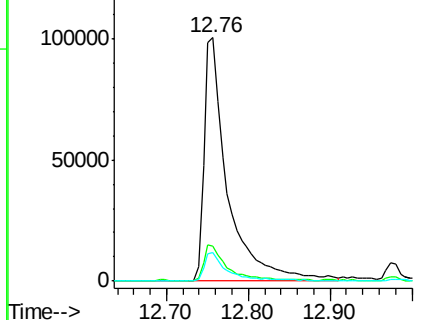
Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	18.8
183	11.9	9.3	13.9

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





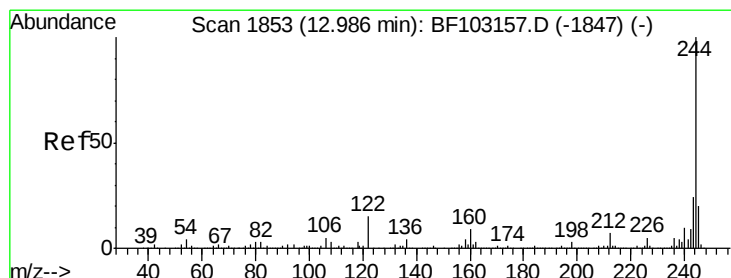
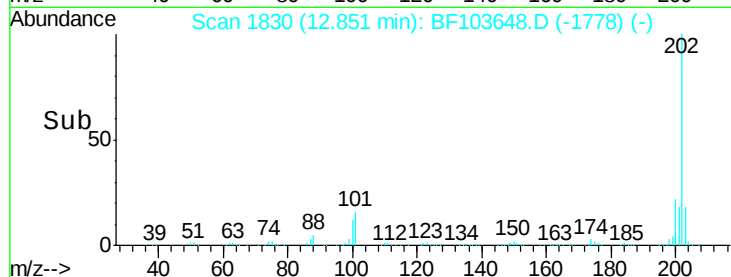
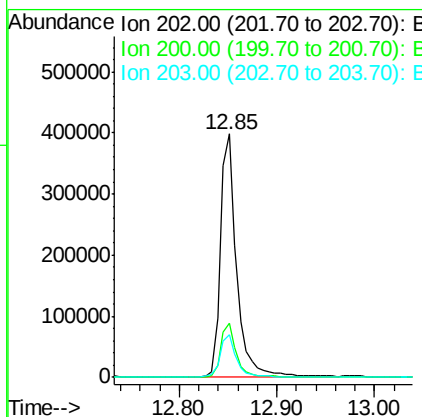
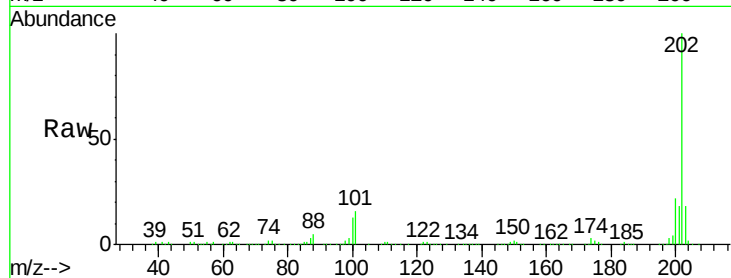
#77
Pvrene
Concen: 30.300 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	17.5	14.3	21.5

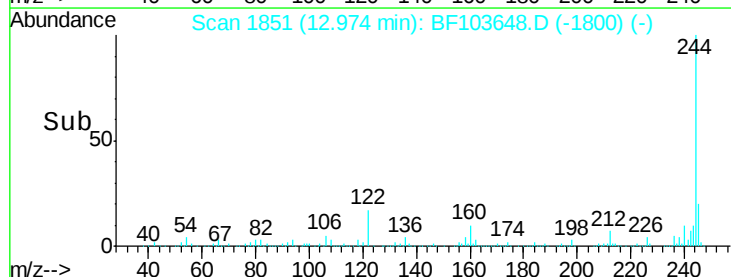
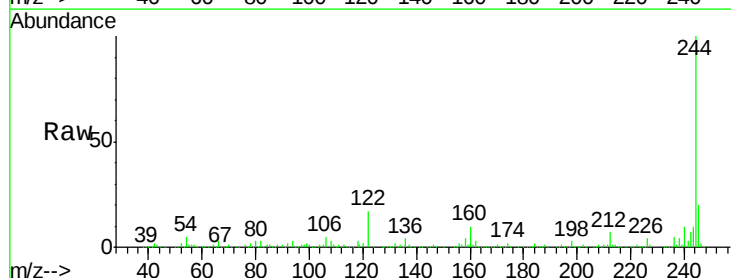
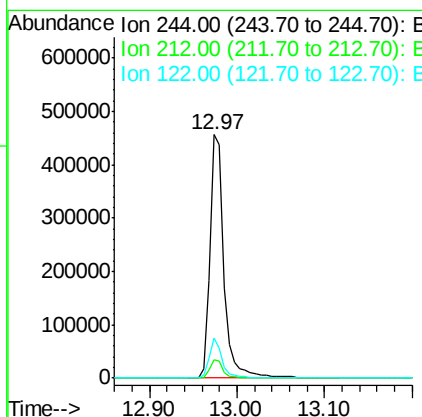
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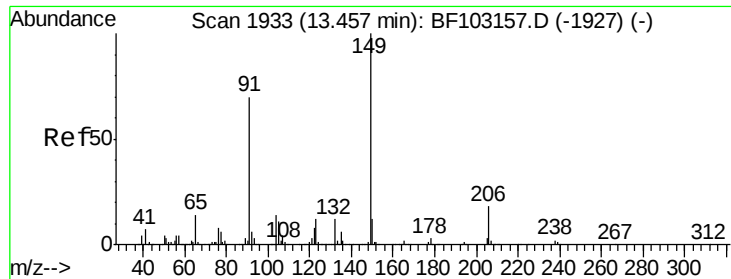
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#78
Terphenyl-d14
Concen: 63.207 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	16.7	11.0	16.4





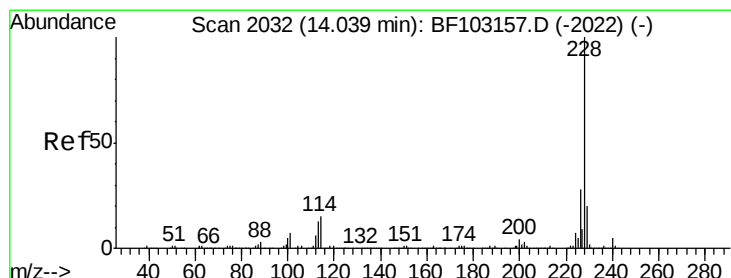
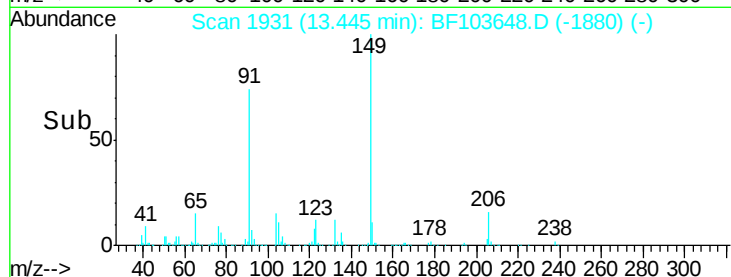
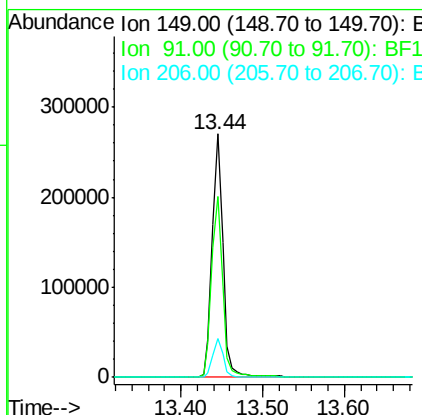
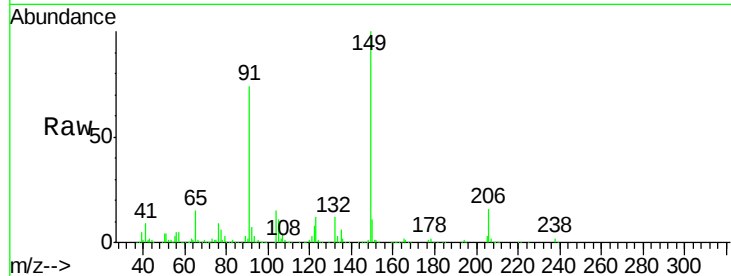
#79
Butylbenzylphthalate
Concen: 31.567 ng
RT: 13.44 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.4	56.8	85.2
206	16.0	14.1	21.1

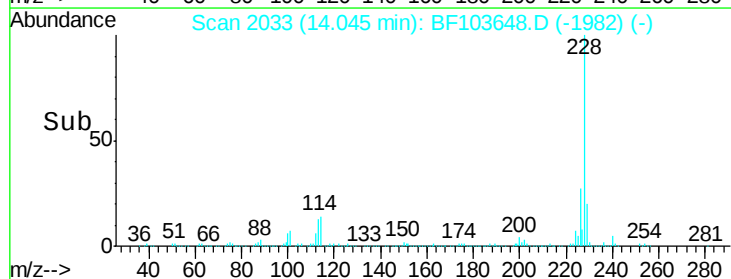
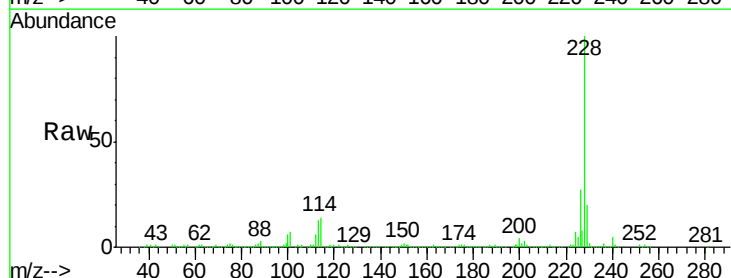
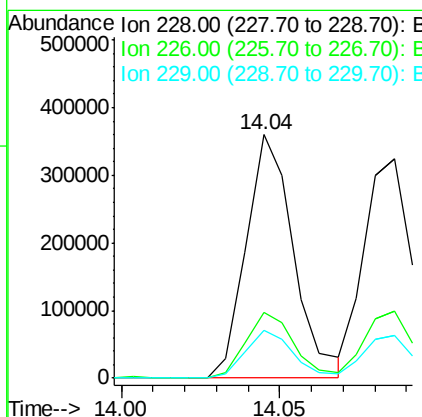
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#80
Benzo(a)anthracene
Concen: 29.791 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.5	15.8	23.6





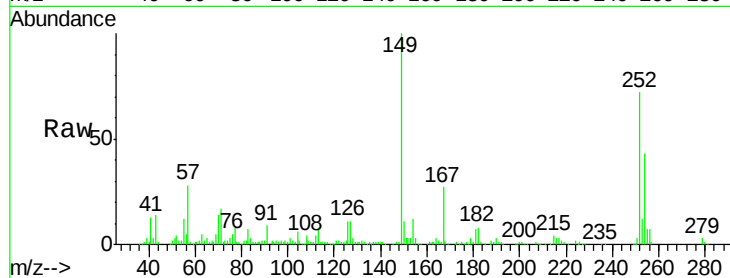
#81
 3,3'-Dichlorobenzidine
 Concen: 30.830 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF103648.D
 Acq: 14 Mar 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMSD

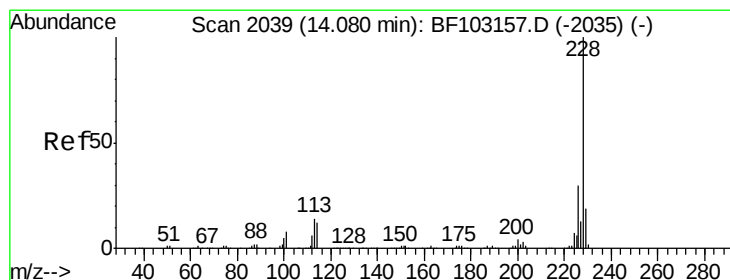
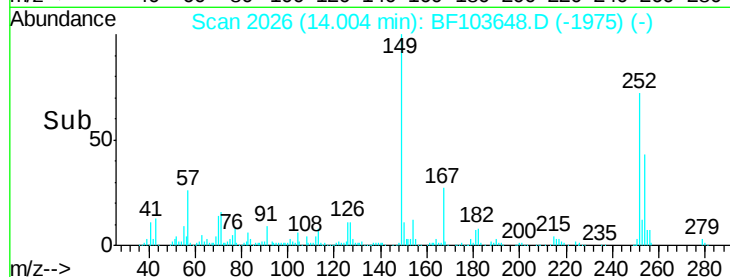
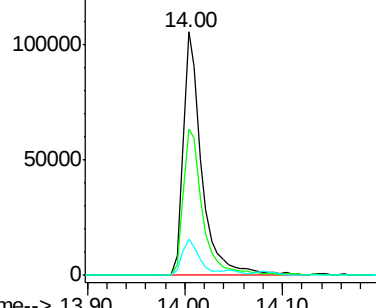
Tot Ion	Ratio	Lower	Upper
252	100		
254	60.2	50.4	75.6
126	15.0	11.3	16.9

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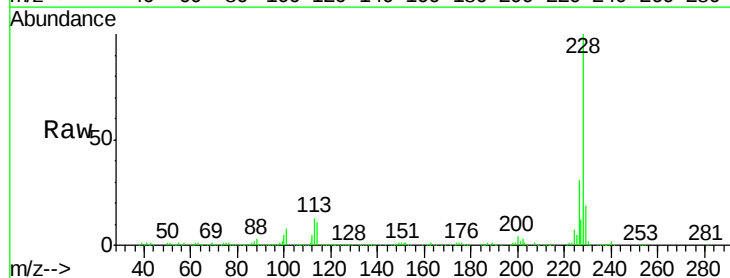


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

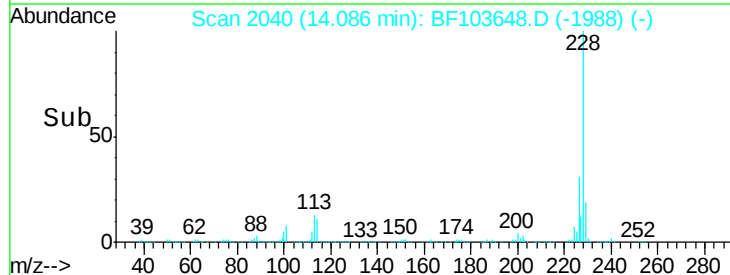
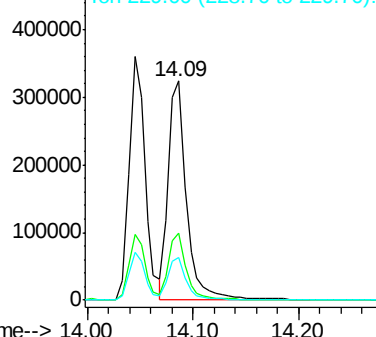


#82
 Chrysene
 Concen: 31.356 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF103648.D
 Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.3	16.2	24.4



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





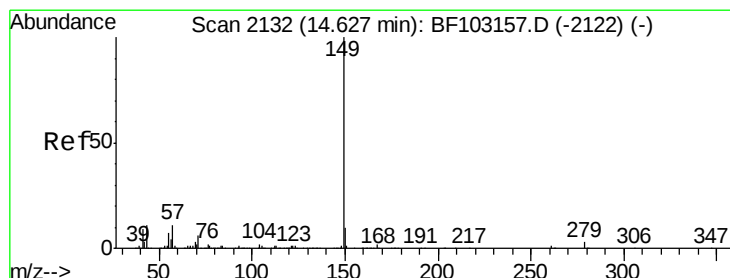
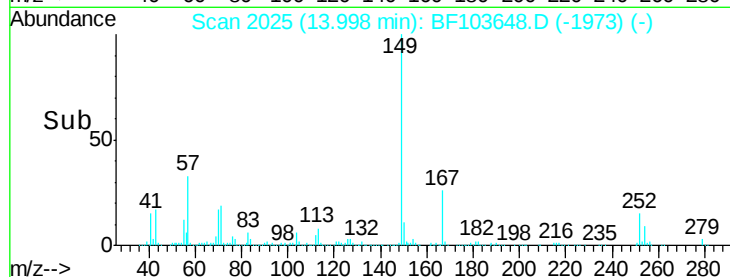
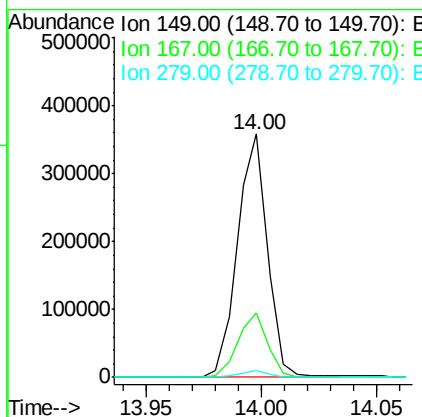
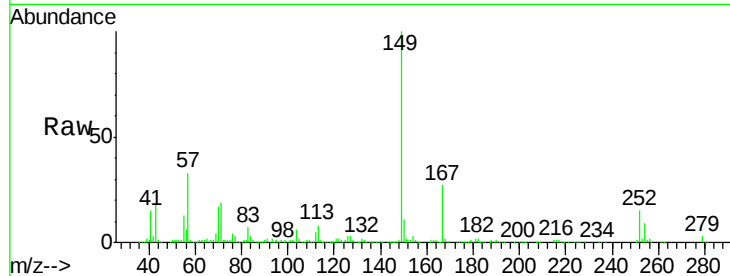
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.002 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF103648.D
 Acq: 14 Mar 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	2.7	3.0	4.4

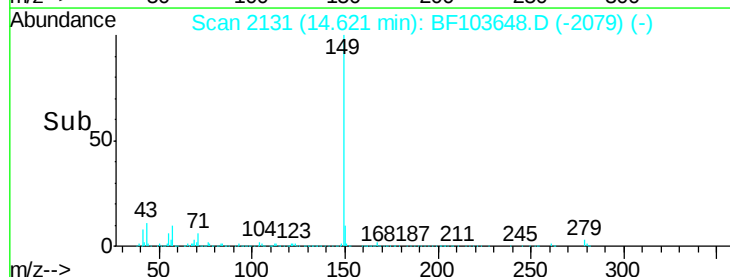
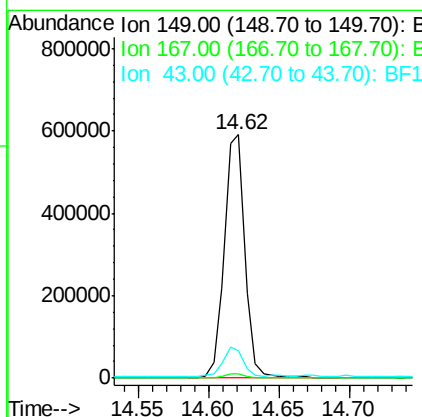
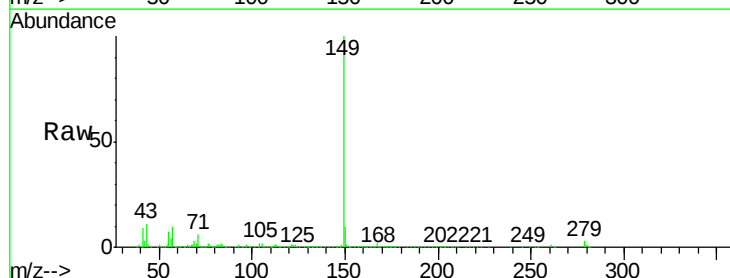
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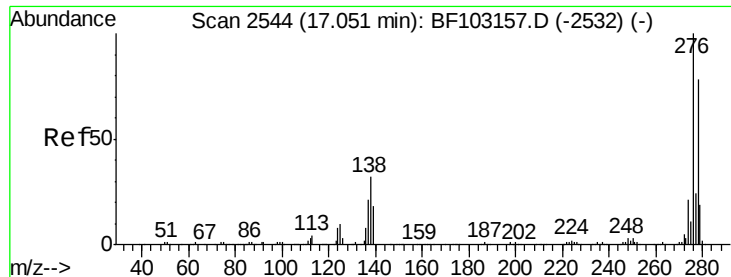
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#84
 Di-n-octyl phthalate
 Concen: 34.136 ng
 RT: 14.62 min Scan# 2131
 Delta R.T. 0.01 min
 Lab File: BF103648.D
 Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.7	8.4	12.6





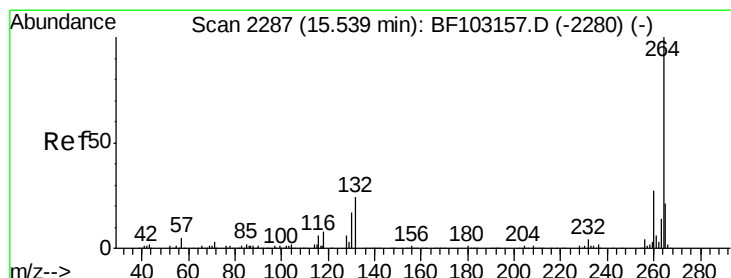
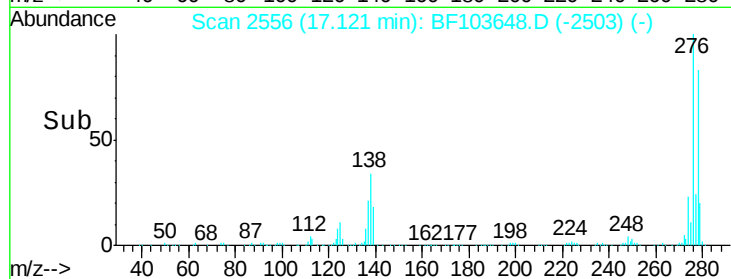
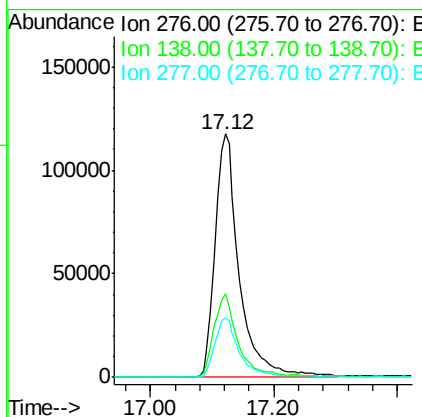
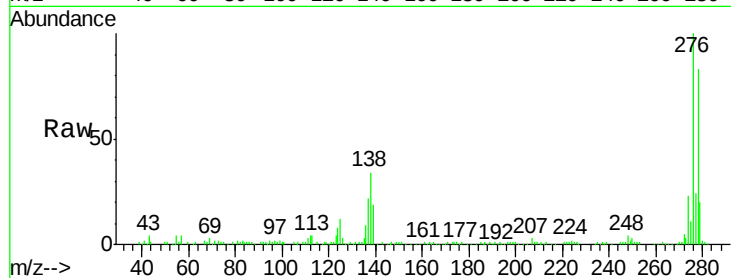
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.903 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.01 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.7	25.0	37.6
277	24.4	20.1	30.1

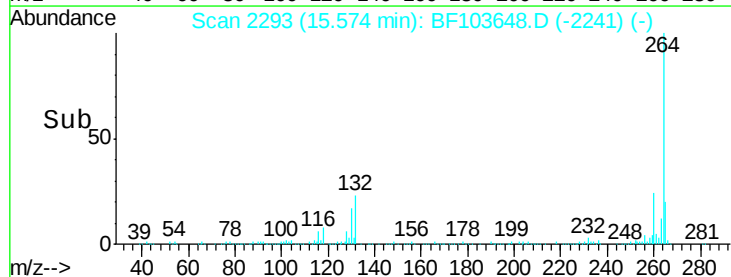
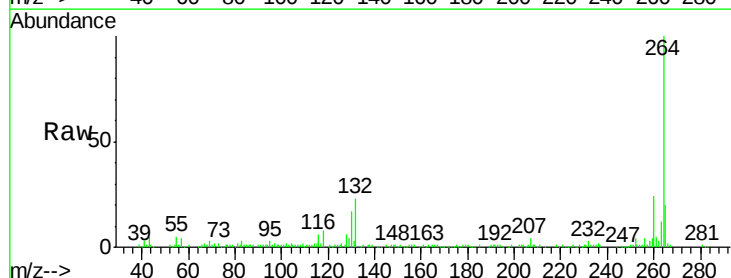
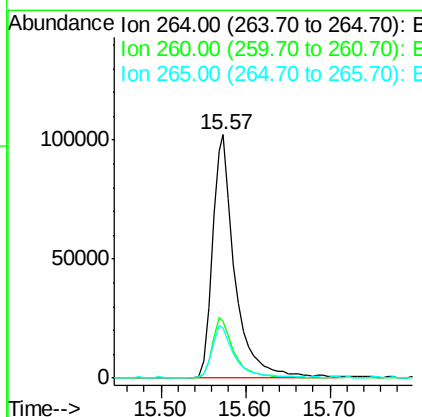
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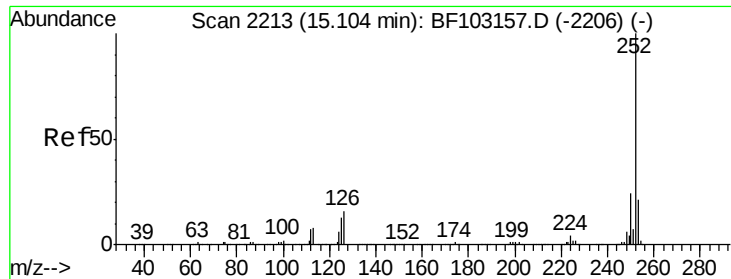
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.5	17.5	26.3





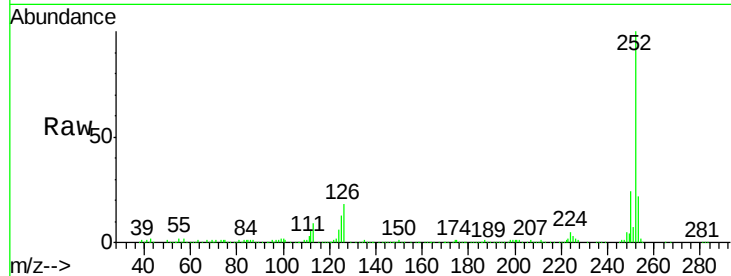
#87
Benzo(b)fluoranthene
Concen: 28.971 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMPMSD

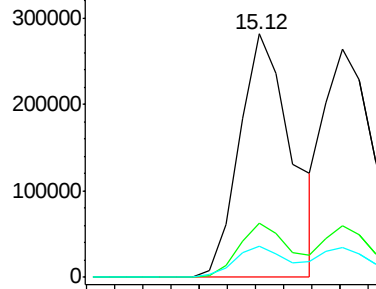
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	12.7	9.0	13.6

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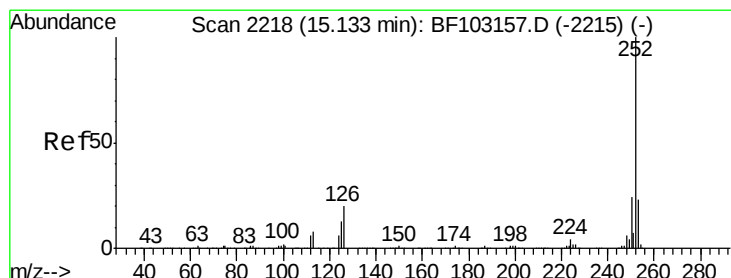
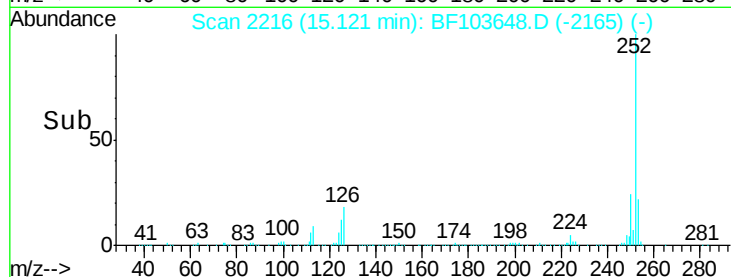
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



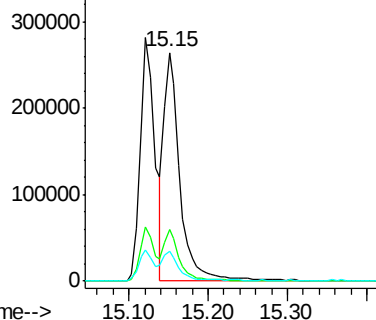
Time-->



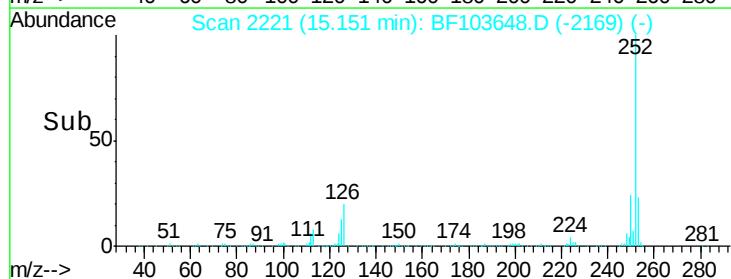
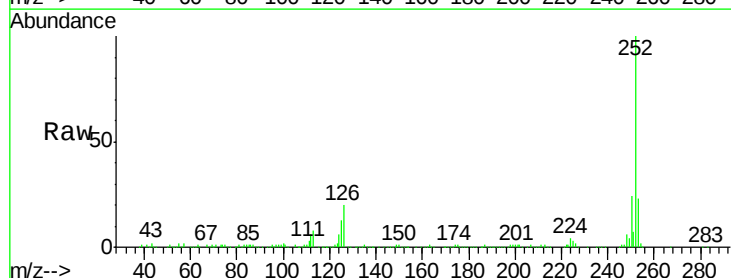
#88
Benzo(k)fluoranthene
Concen: 31.464 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF103648.D
Acq: 14 Mar 2018 18:39

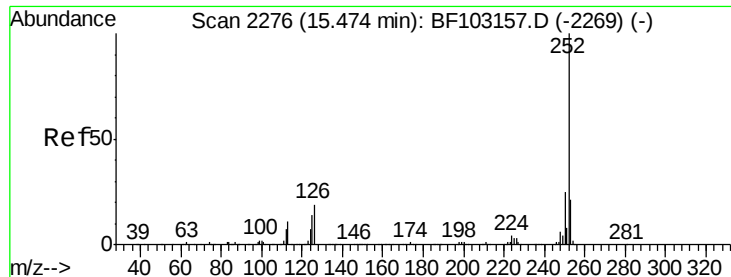
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	12.8	10.2	15.2

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



Time-->





#89

Benzo(a)pyrene

Concen: 30.740 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Instrument :

BNA_F

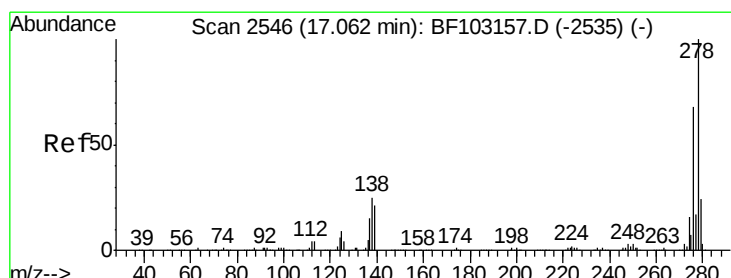
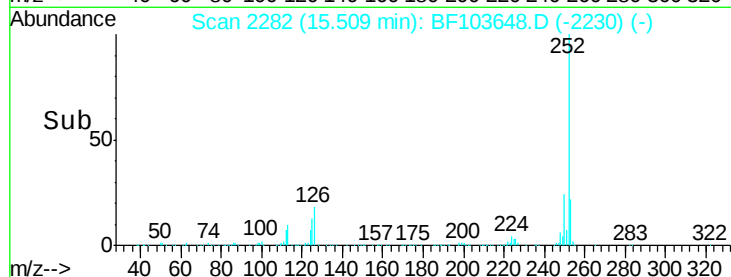
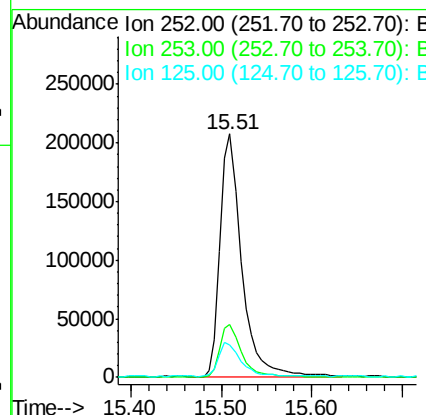
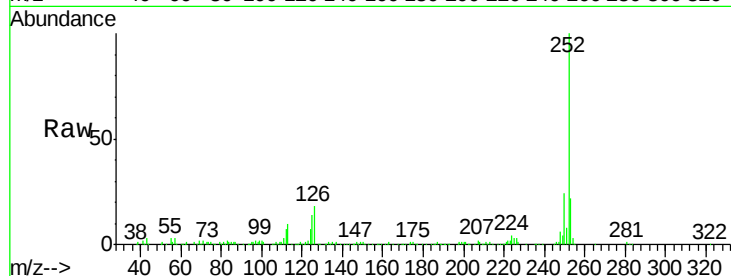
ClientSampleId :

TP-5B-COMPMSD

Tot Ion:	252	Resp:	342840
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.1	25.7
125	13.5	9.8	14.6

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#90

Dibenzo(a,h)anthracene

Concen: 31.601 ng

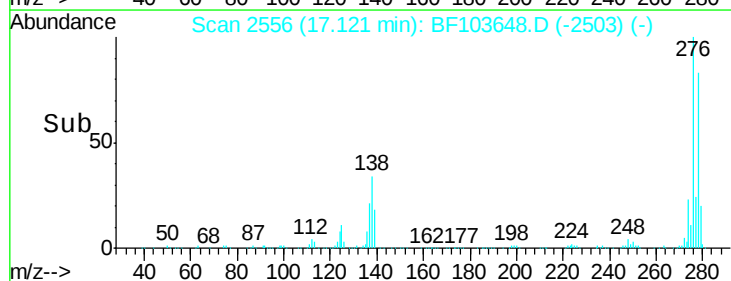
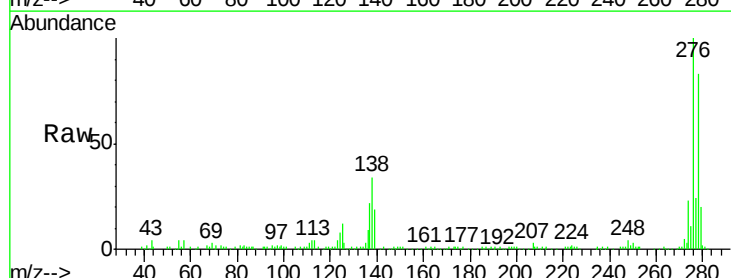
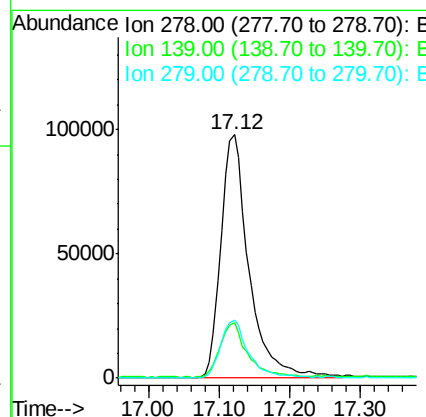
RT: 17.12 min Scan# 2556

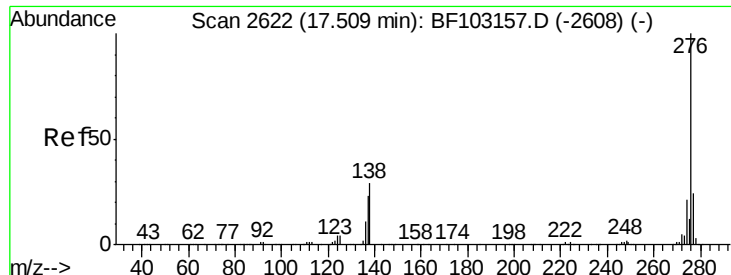
Delta R.T. 0.01 min

Lab File: BF103648.D

Acq: 14 Mar 2018 18:39

Tgt Ion:	278	Resp:	272342
Ion Ratio	Lower	Upper	
278	100		
139	22.9	15.9	23.9
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 29.955 ng
 RT: 17.60 min Scan# 2637
 Delta R.T. 0.01 min
 Lab File: BF103648.D
 Acq: 14 Mar 2018 18:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMPMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	28.9	21.8	32.8

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