

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103434.D
 Acq On : 6 Mar 2018 2:39
 Operator : SJ/JU
 Sample : J1722-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-24MSD

Manual Integrations
 APPROVED

Sohil
 3/6/2018 4:24:03 PM

Quant Time: Mar 06 06:06:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	120223	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	487687	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	192327	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	291664	20.00	ng	0.00
75) Chrysene-d12	14.07	240	156941	20.00	ng	0.00
86) Perylene-d12	15.59	264	122202	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1062602	133.68	ng	0.00
7) Phenol-d6	6.53	99	1180097	121.32	ng	0.00
23) Nitrobenzene-d5	7.45	82	748334	87.63	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	154060	94.63	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	987191	89.53	ng	0.00
78) Terphenyl-d14	13.00	244	709701	108.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	156404	37.254	ng	94
3) Pyridine	3.48	79	413279	36.872	ng	98
4) n-Nitrosodimethylamine	3.41	42	235703	52.143	ng	91
6) Aniline	6.55	93	371854	26.489	ng	# 50
8) 2-Chlorophenol	6.67	128	364256	44.111	ng	94
9) Benzaldehyde	6.43	77	170905	26.169	ng	99
10) Phenol	6.54	94	500894	44.359	ng	# 72
11) bis(2-Chloroethyl)ether	6.61	93	403290	47.057	ng	92
12) 1,3-Dichlorobenzene	6.82	146	380558	40.327	ng	97
13) 1,4-Dichlorobenzene	6.89	146	390844	41.311	ng	99
14) 1,2-Dichlorobenzene	7.05	146	346333	39.699	ng	99
15) Benzyl Alcohol	7.02	79	284854	38.863	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	577401	39.234	ng	53
17) 2-Methylphenol	7.14	107	304863	40.625	ng	# 85
18) Hexachloroethane	7.38	117	74502	21.631	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	262606	43.380	ng	95
20) 3+4-Methylphenols	7.30	107	406134	44.397	ng	# 87
22) Acetophenone	7.29	105	503491	44.230	ng	# 91
24) Nitrobenzene	7.46	77	411028	43.716	ng	95
25) Isophorone	7.70	82	755955	44.947	ng	97
26) 2-Nitrophenol	7.77	139	119012	26.888	ng	# 90
27) 2,4-Dimethylphenol	7.82	122	332143	49.093	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	462980	46.820	ng	97
29) 2,4-Dichlorophenol	8.03	162	297575	45.940	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	275502	39.941	ng	97
31) Naphthalene	8.18	128	1002479	41.987	ng	100
32) Benzoic acid	7.96	122	6353m	7.997	ng	
33) 4-Chloroaniline	8.24	127	291820	28.323	ng	98
34) Hexachlorobutadiene	8.29	225	136384	37.969	ng	99
35) Caprolactam	8.60	113	93552	41.094	ng	# 79
36) 4-Chloro-3-methylphenol	8.73	107	312262	42.740	ng	99
37) 2-Methylnaphthalene	8.87	142	621250	40.261	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	223870	42.578	ng	98
42) 2,4,6-Trichlorophenol	9.16	196	150181	42.450	ng	99

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Manual Integrations
 APPROVED

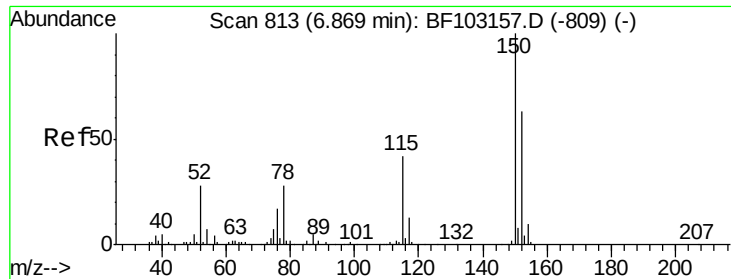
Sohil
 3/6/2018 4:24:03 PM

Quant Time: Mar 06 06:06:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.21	196	155969	38.330	nq	95
45) 1,1'-Biphenyl	9.33	154	680151	42.203	nq	98
46) 2-Chloronaphthalene	9.36	162	531941	41.721	nq	99
47) 2-Nitroaniline	9.47	65	247752	52.458	nq	83
48) Acenaphthylene	9.78	152	796029	40.578	nq	99
49) Dimethylphthalate	9.63	163	685104	44.404	nq	99
50) 2,6-Dinitrotoluene	9.70	165	103008	31.814	nq #	73
51) Acenaphthene	9.95	154	460701	40.275	nq	99
52) 3-Nitroaniline	9.89	138	187199	45.571	nq	99
54) Dibenzofuran	10.12	168	659717	42.013	nq	95
55) 4-Nitrophenol	10.06	139	117998	46.348	nq #	86
56) 2,4-Dinitrotoluene	10.12	165	102630	25.063	nq #	62
57) Fluorene	10.47	166	508065	37.981	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	86549	31.663	nq #	91
59) Diethylphthalate	10.33	149	597843	40.514	nq	100
60) 4-Chlorophenyl-phenylether	10.46	204	229185	40.402	nq	96
61) 4-Nitroaniline	10.50	138	195172	47.568	nq	99
62) Azobenzene	10.62	77	588285	39.166	nq	95
64) 4,6-Dinitro-2-methylphenol	10.72	198	445	5.170	nq #	1
65) n-Nitrosodiphenylamine	10.57	169	451096	44.420	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	126307	41.572	nq	99
67) Hexachlorobenzene	11.02	284	125654	38.103	nq	96
68) Atrazine	11.10	200	94571	30.983	nq	99
69) Pentachlorophenol	11.23	266	45442	28.499	nq	95
70) Phenanthrene	11.44	178	800660	49.882	nq	98
71) Anthracene	11.49	178	718475	43.651	nq	100
72) Carbazole	11.65	167	679280	41.443	nq	99
73) Di-n-butylphthalate	11.96	149	861787	42.018	nq	99
74) Fluoranthene	12.64	202	886610	54.968	nq	99
76) Benzidine	12.76	184	244499	41.672	nq	97
77) Pyrene	12.87	202	894352	73.091	nq	99
79) Butylbenzylphthalate	13.46	149	337991	52.282	nq	93
80) Benzo(a)anthracene	14.06	228	551091	54.119	nq	100
81) 3,3'-Dichlorobenzidine	14.02	252	142852	39.309	nq	100
82) Chrysene	14.10	228	508189	51.398	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	424474	48.656	nq	99
84) Di-n-octyl phthalate	14.64	149	647072	45.907	nq	96
85) Indeno(1,2,3-cd)pyrene	17.15	276	356863	45.590	nq	98
87) Benzo(b)fluoranthene	15.14	252	430400	53.568	nq	97
88) Benzo(k)fluoranthene	15.17	252	377023	49.832	nq	99
89) Benzo(a)pyrene	15.53	252	378125	52.701	nq #	95
90) Dibenzo(a,h)anthracene	17.15	278	266605	48.087	nq	97
91) Benzo(g,h,i)perylene	17.62	276	297826	54.964	nq	97

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



#1

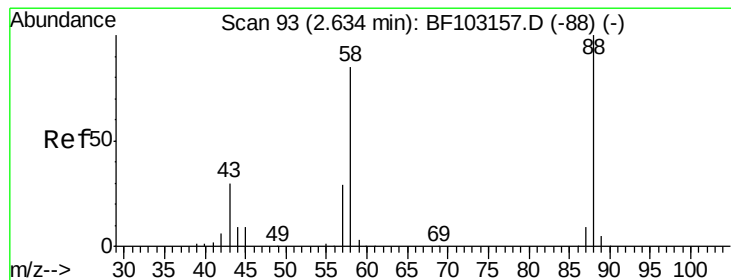
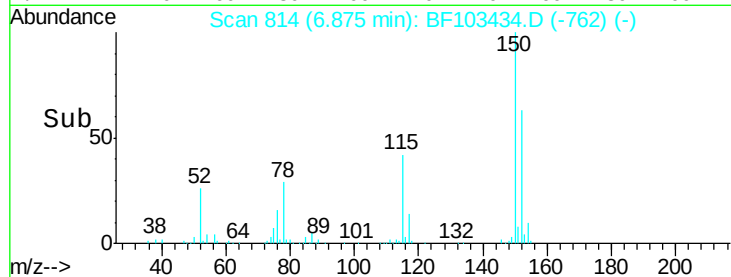
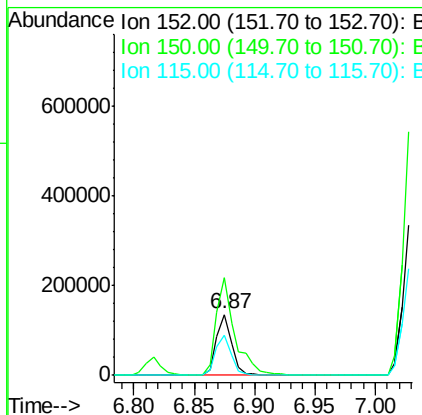
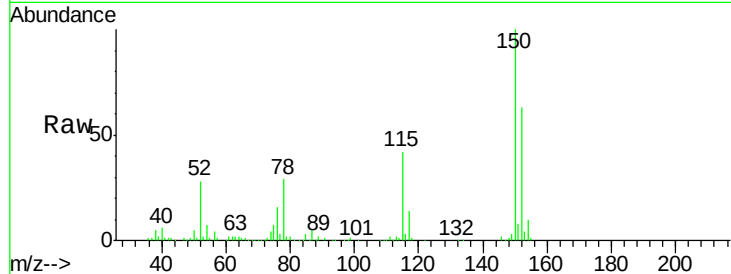
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SP-24MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	66.6	50.1	75.1

Manual Integrations
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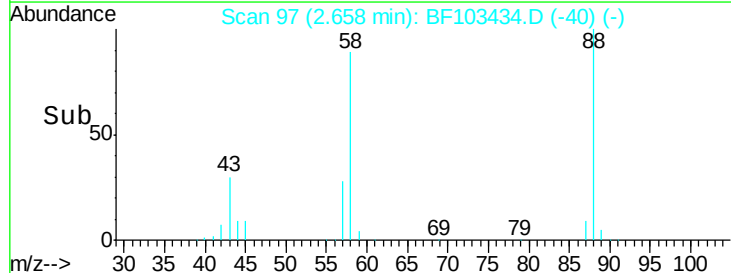
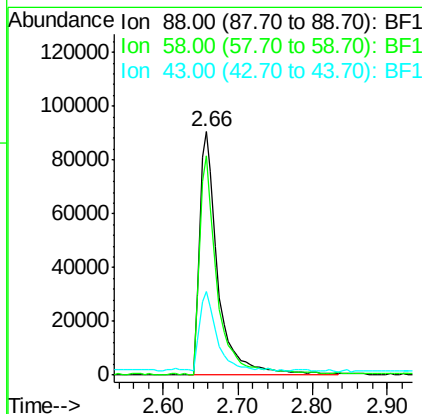
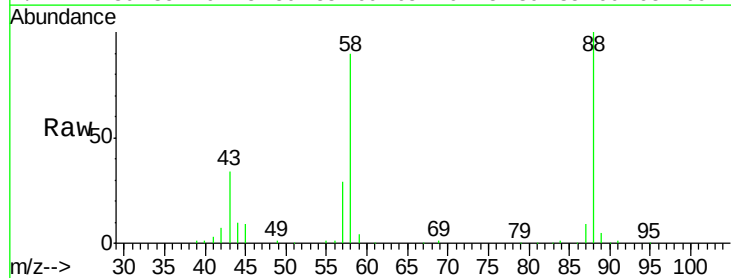
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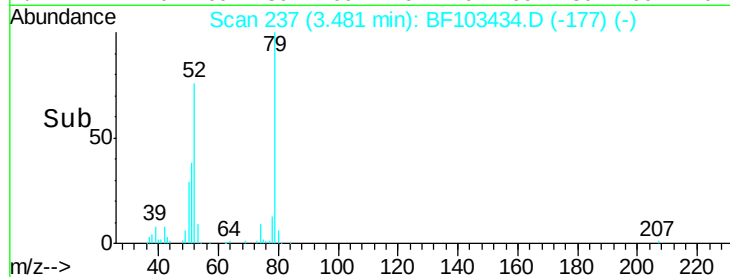
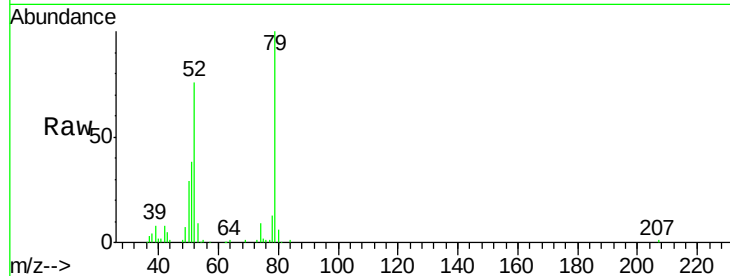
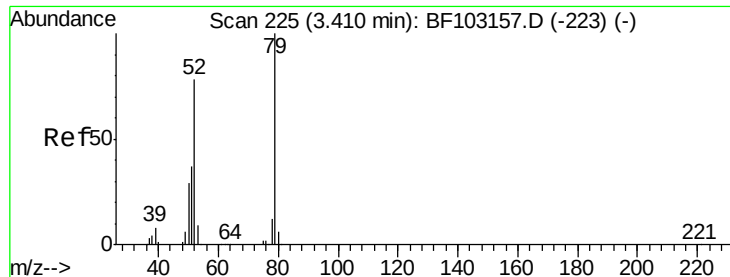


#2

1,4-Dioxane
Concen: 37.254 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.04 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.0	62.6	93.8
43	29.5	24.6	37.0





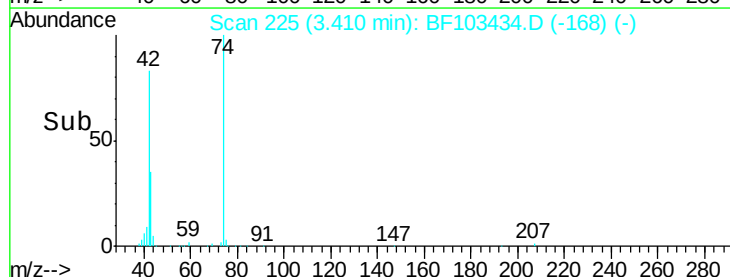
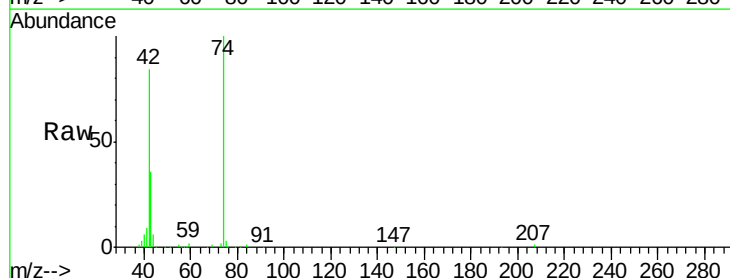
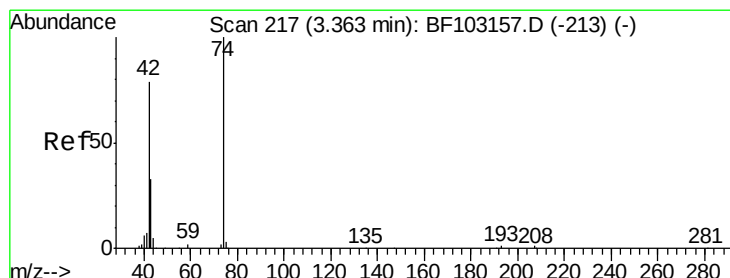
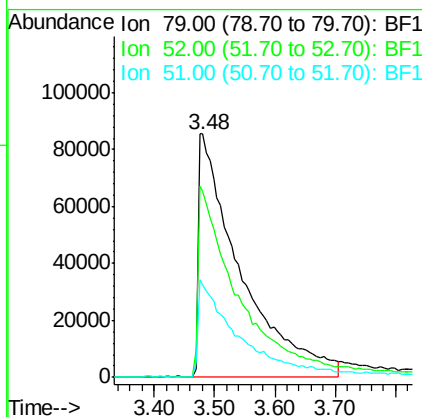
#3
 Pvridine
 Concen: 36.872 ng
 RT: 3.48 min Scan# 237
 Delta R.T. 0.05 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.4	59.8	89.6
51	38.1	29.8	44.8

Instrument :
 BNA_F
 ClientSampled :
 SP-24MSD

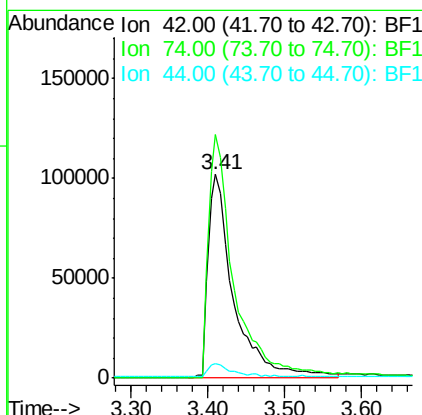
Manual Integrations
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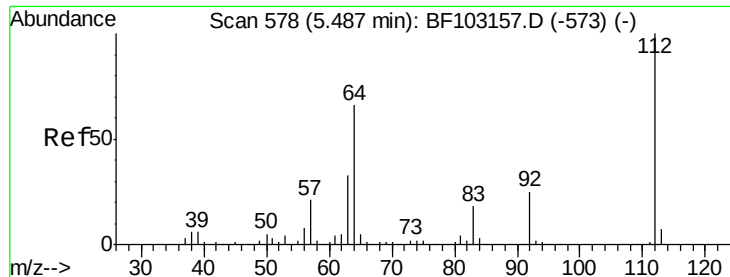
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#4
 n-Nitrosodimethylamine
 Concen: 52.143 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.04 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.6	104.9	157.3
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 133.677 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

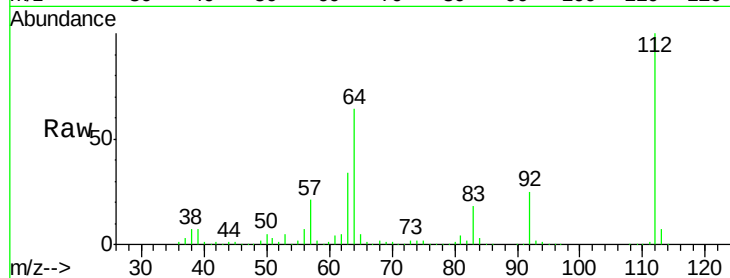
ClientSampled :

SP-24MSD

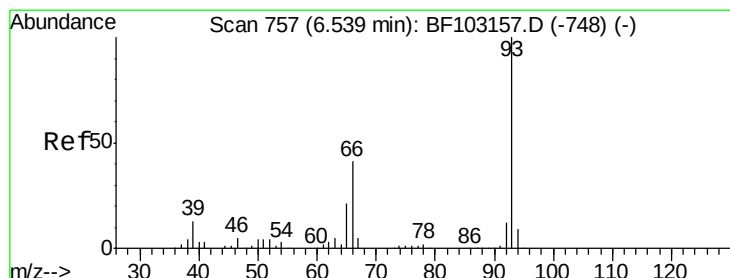
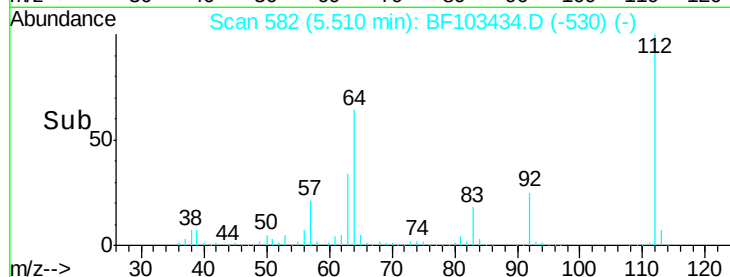
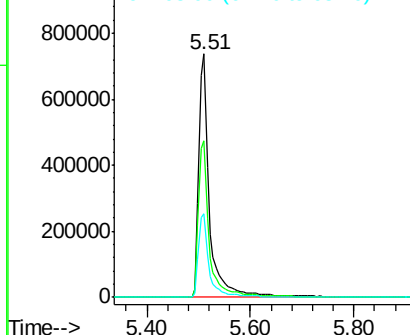
Tot Ion:	112	Resp:	1062602
Ion Ratio	Lower	Upper	
112	100		
64	64.2	47.9	71.9
63	34.3	23.7	35.5

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: 26.489 ng

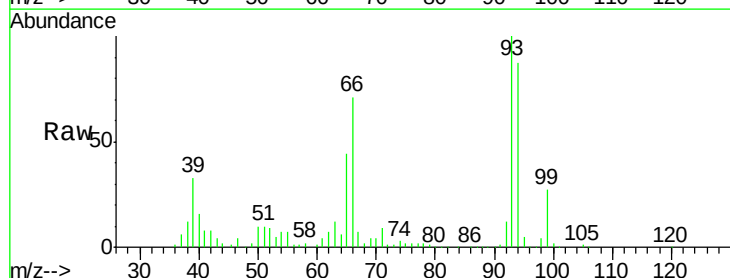
RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

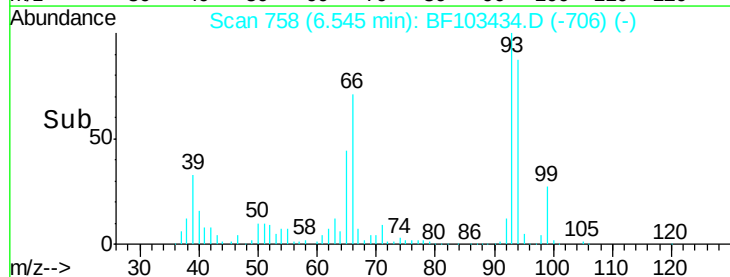
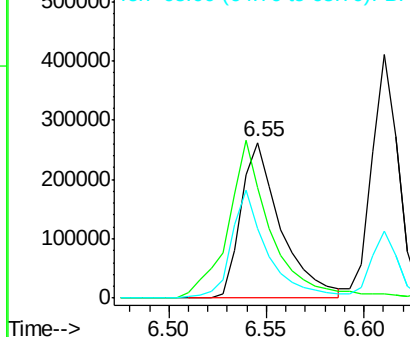
Lab File: BF103434.D

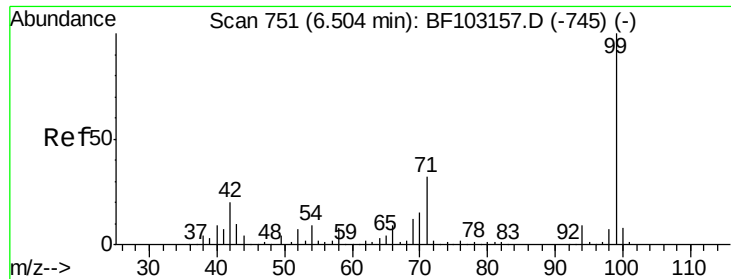
Acq: 6 Mar 2018 2:39

Tgt Ion:	93	Resp:	371854
Ion Ratio	Lower	Upper	
93	100		
66	70.9	32.2	48.2#
65	44.3	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: 121.324 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

ClientSampleId :

SP-24MSD

Tot Ion: 99 Resp: 1180097

Ion Ratio Lower Upper

99 100

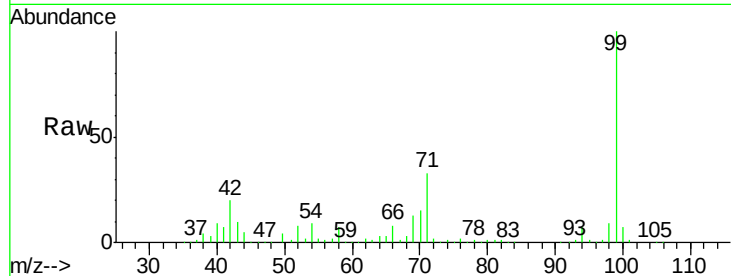
42 20.4 14.5 21.7

71 32.8 25.4 38.0

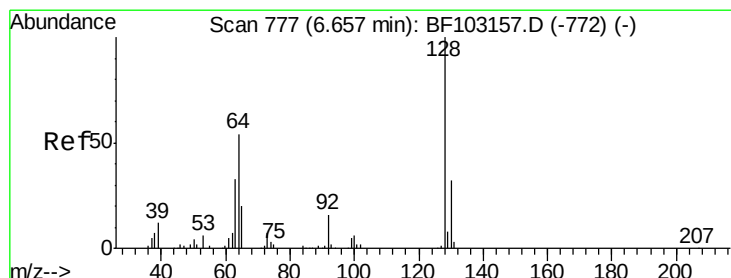
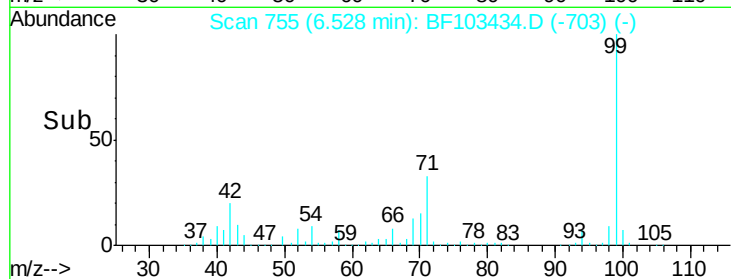
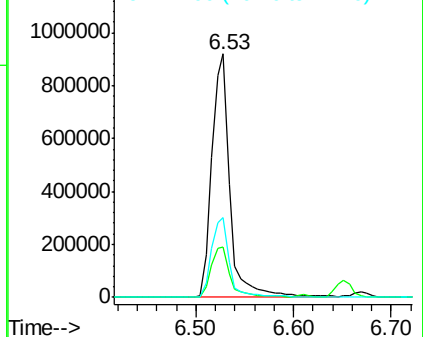
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.111 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

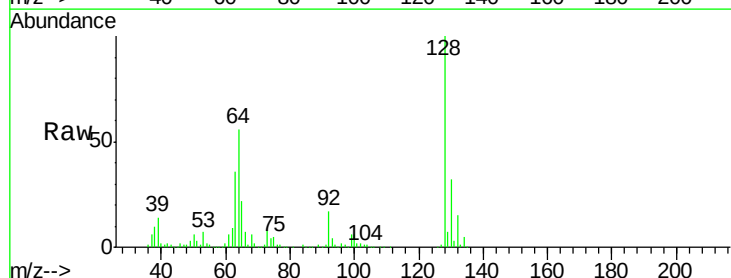
Tgt Ion: 128 Resp: 364256

Ion Ratio Lower Upper

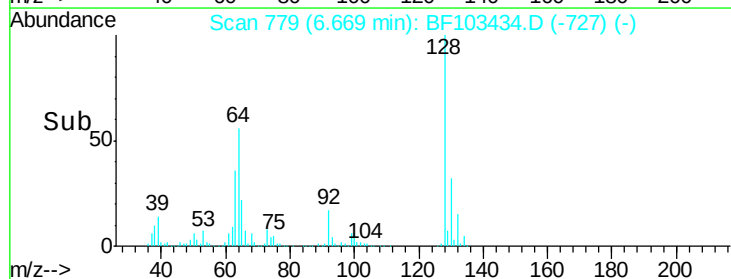
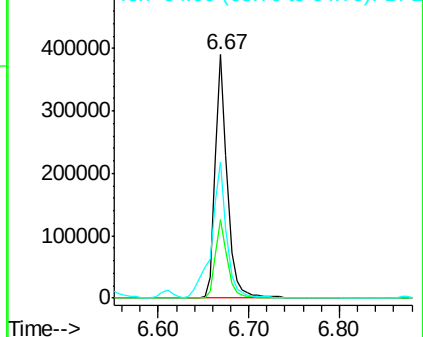
128 100

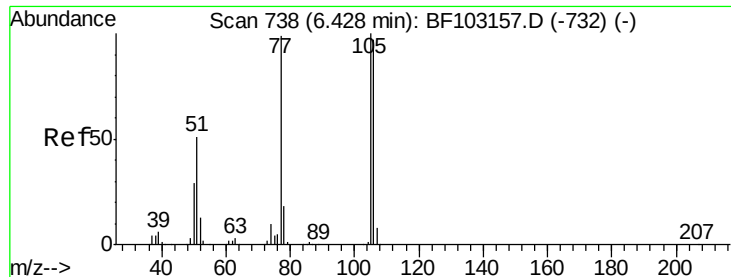
130 32.3 13.0 53.0

64 56.1 29.4 69.4



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





#9

Benzaldehyde

Concen: 26.169 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

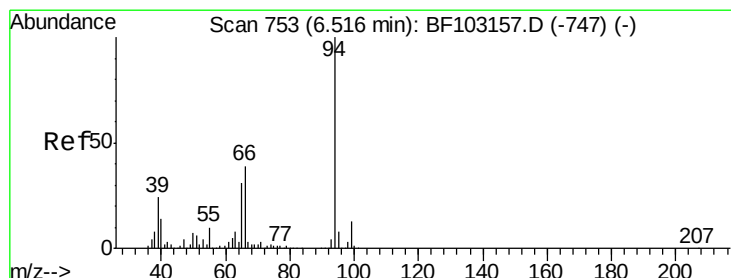
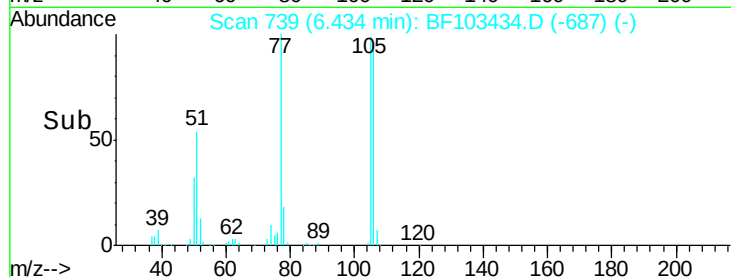
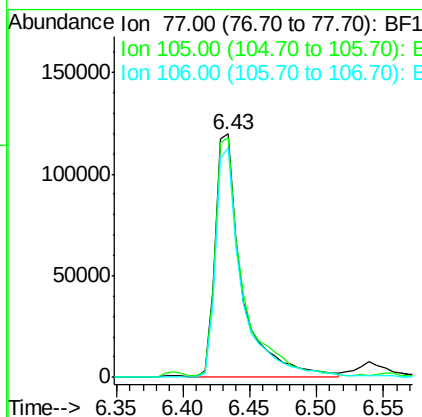
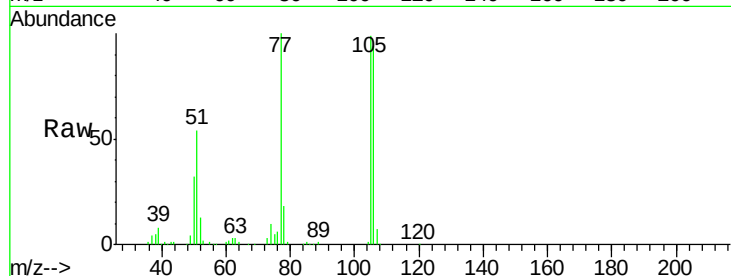
ClientSampleId :

SP-24MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	98.7	81.1	121.1		
106	94.1	74.5	114.5		

Manual Integrations
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#10

Phenol

Concen: 44.359 ng

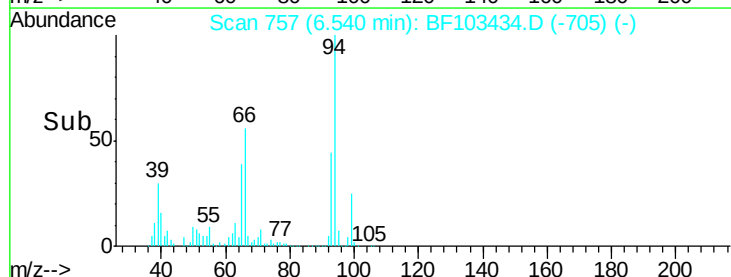
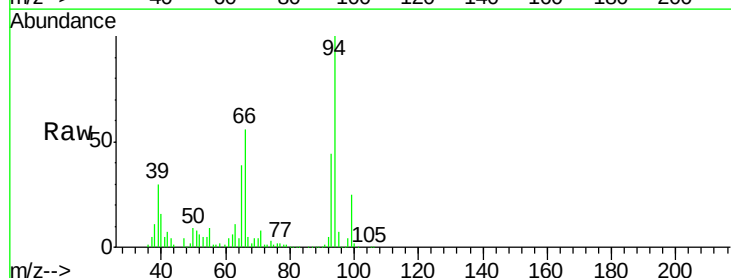
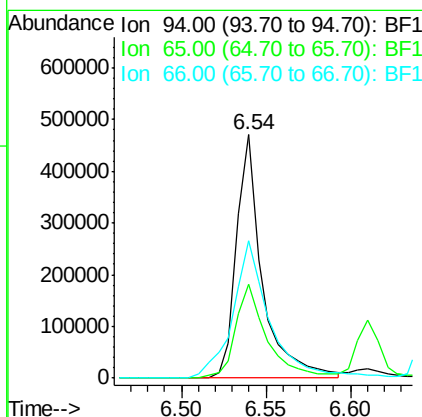
RT: 6.54 min Scan# 757

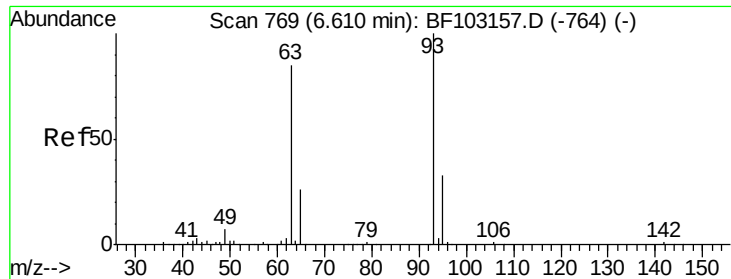
Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	38.6	7.9	47.9		
66	56.3	16.2	56.2		





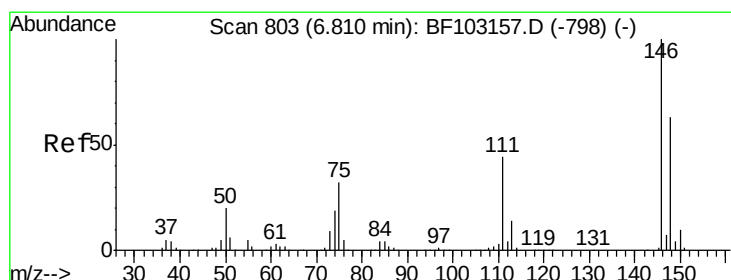
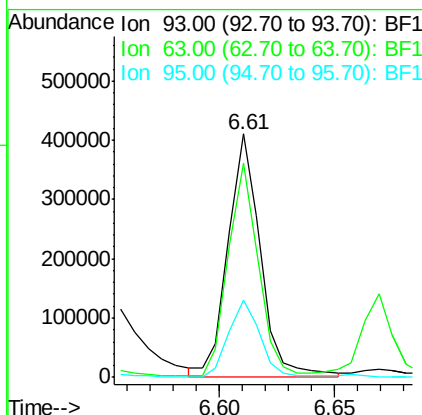
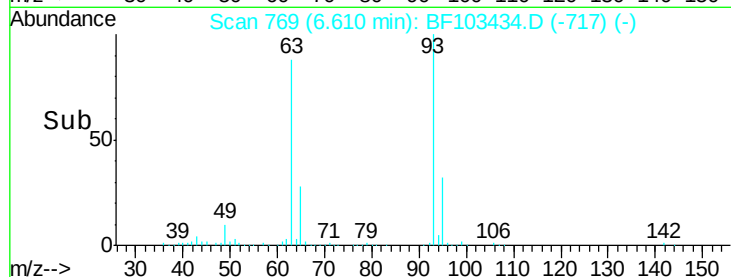
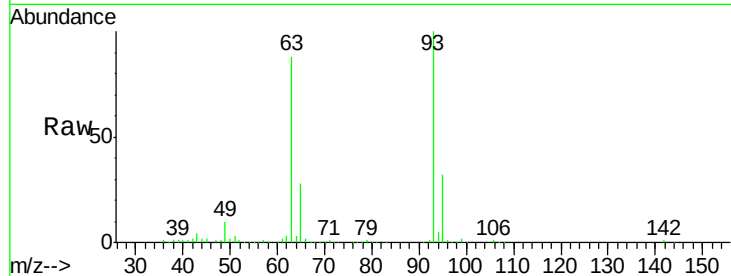
#11
bis(2-Chloroethyl)ether
Concen: 47.057 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SP-24MSD

Tot Ion:	93	Resp:	403290
Ion Ratio	Lower	Upper	
93	100		
63	87.9	58.6	98.6
95	31.9	11.8	51.8

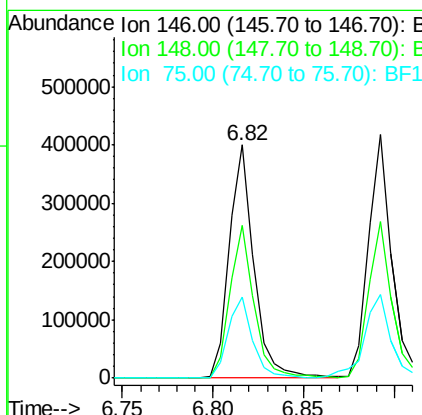
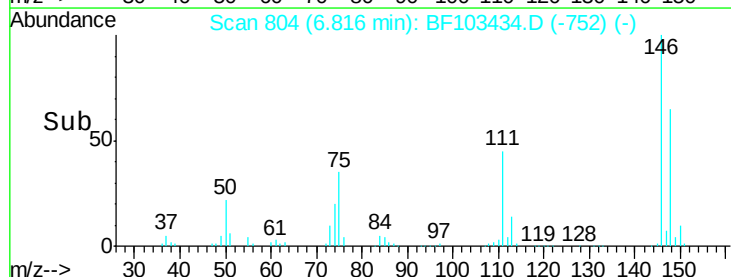
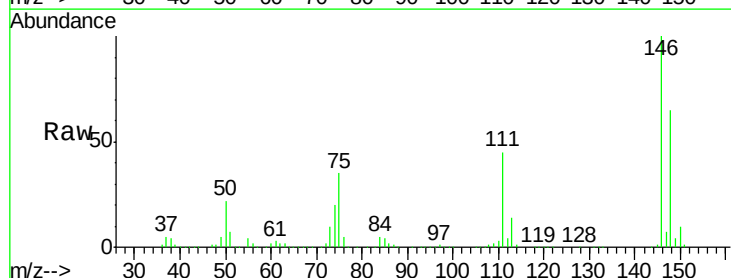
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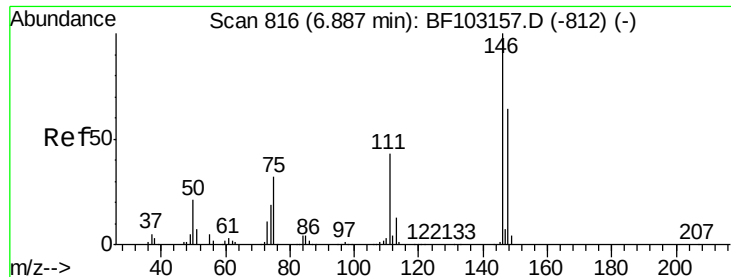
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.327 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion:	146	Resp:	380558
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.8	77.8
75	34.6	24.2	36.4





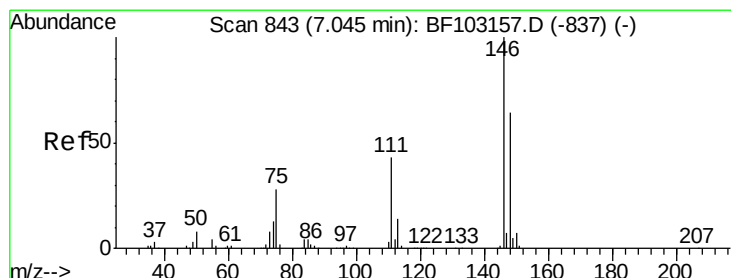
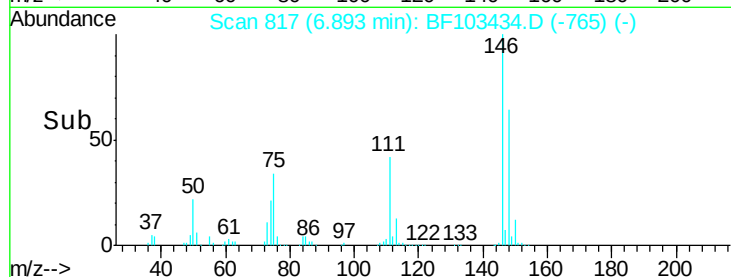
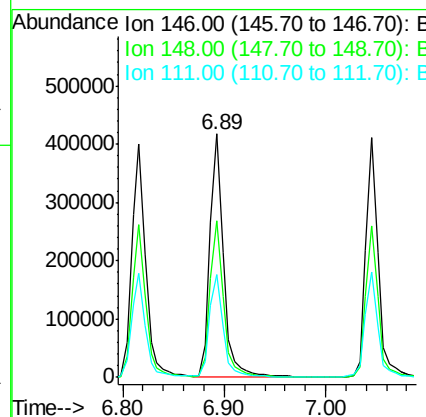
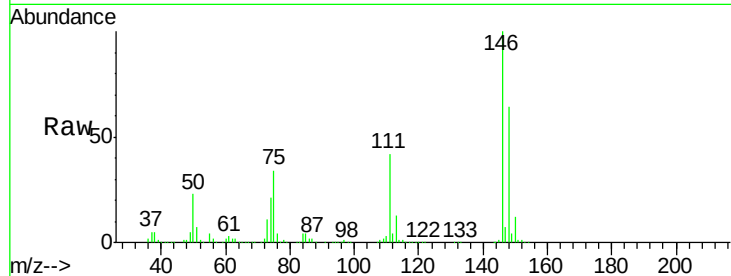
#13
 1,4-Dichlorobenzene
 Concen: 41.311 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Instrument :
 BNA_F
 ClientSampled :
 SP-24MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	42.0	34.2	51.2

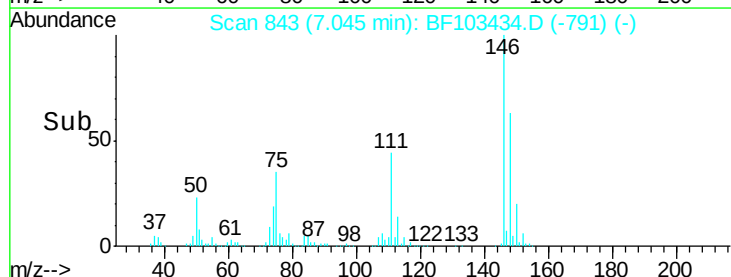
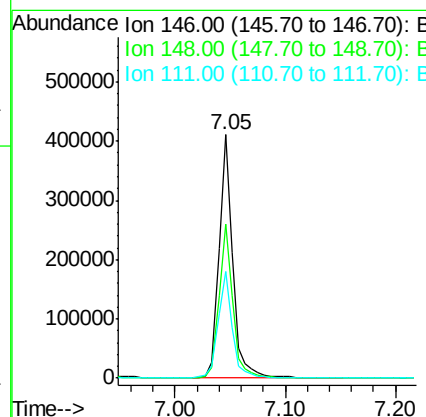
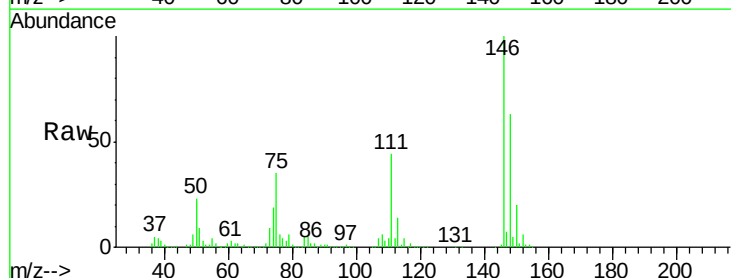
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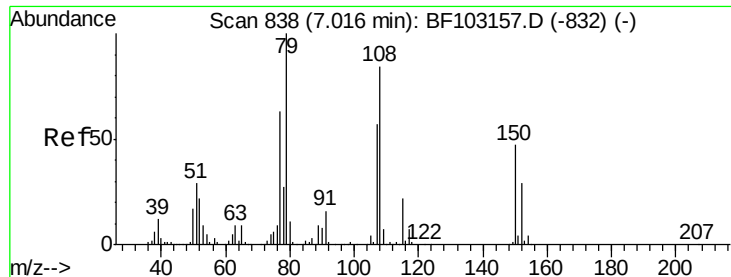
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.699 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.01 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	44.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 38.863 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

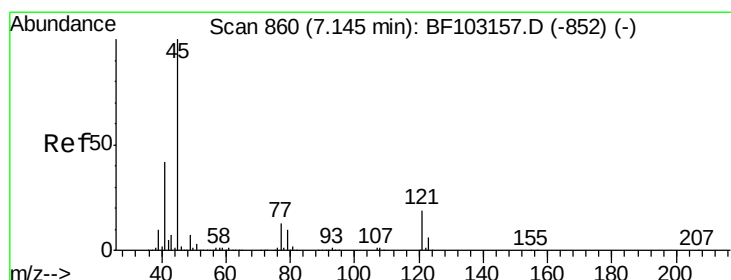
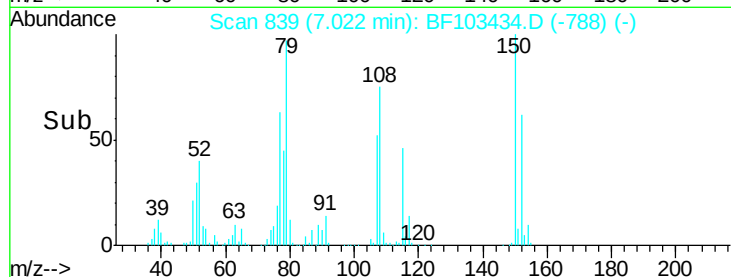
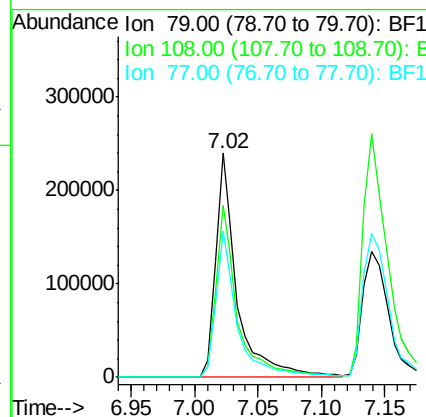
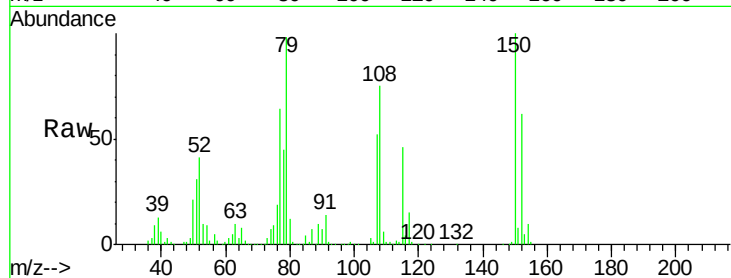
ClientSampleId :

SP-24MSD

Tot Ion:	79	Resp:	284854
Ion Ratio	Lower	Upper	
79	100		
108	76.8	65.1	97.7
77	65.3	50.6	75.8

Manual Integrations
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3/6/2018 4:24:03 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.234 ng

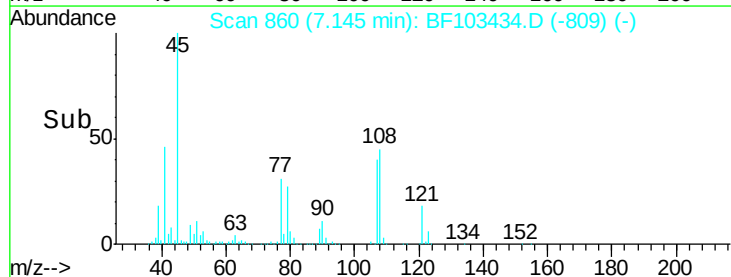
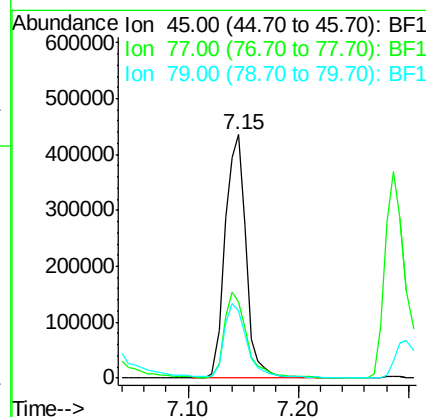
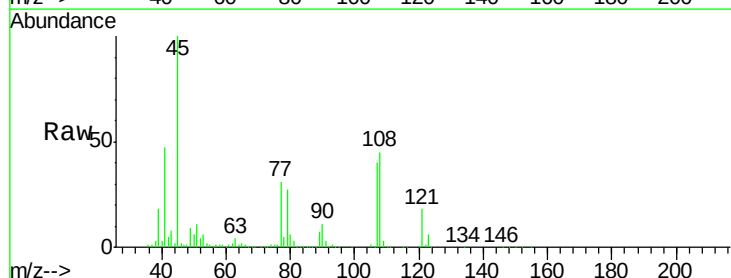
RT: 7.15 min Scan# 860

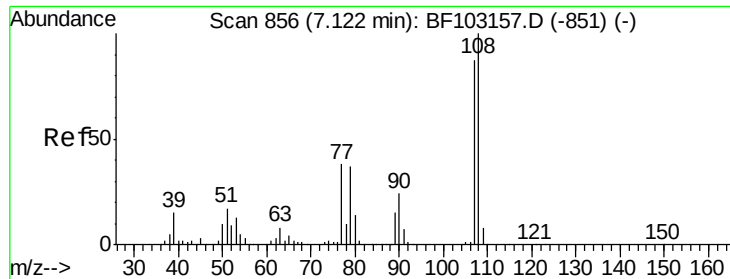
Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Tgt Ion:	45	Resp:	577401
Ion Ratio	Lower	Upper	
45	100		
77	31.3	0.0	32.9
79	27.3	0.0	29.6





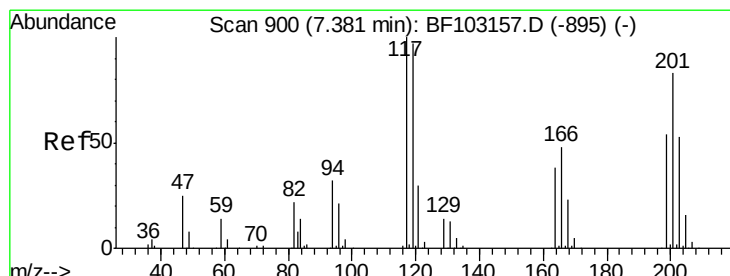
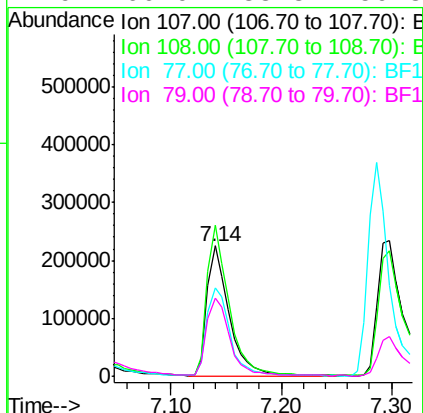
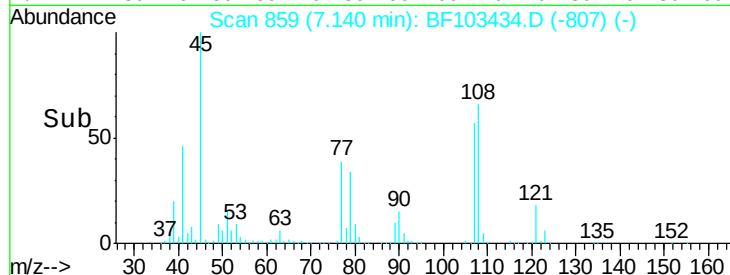
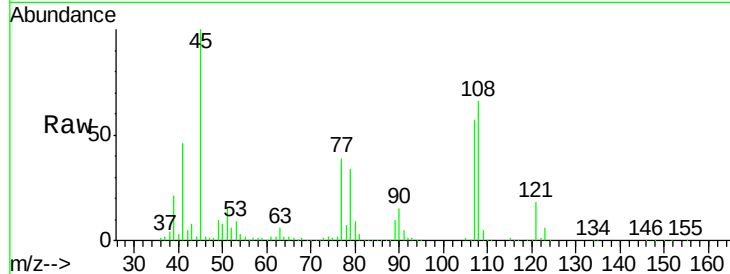
#17
2-Methylphenol
Concen: 40.625 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SP-24MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.0	91.7	137.5
77	68.2	33.8	50.8#
79	60.0	33.8	50.8#

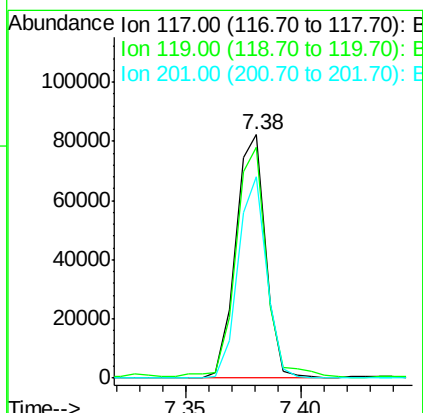
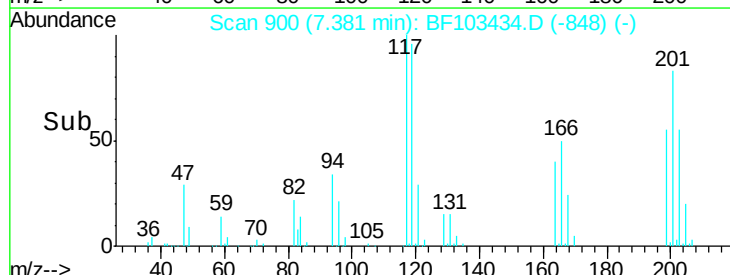
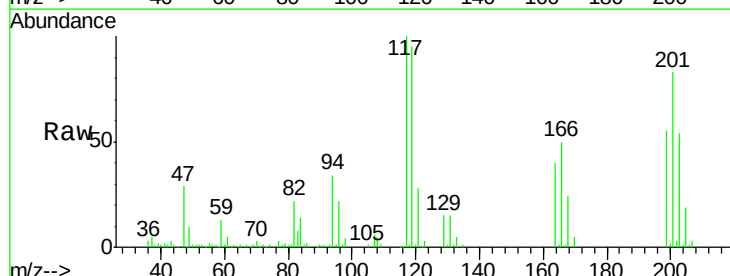
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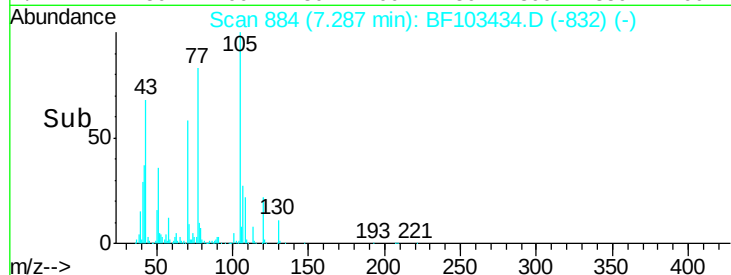
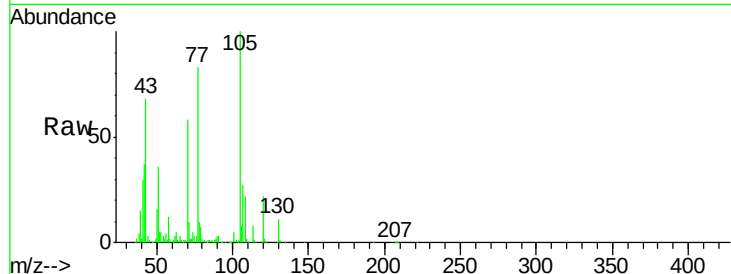
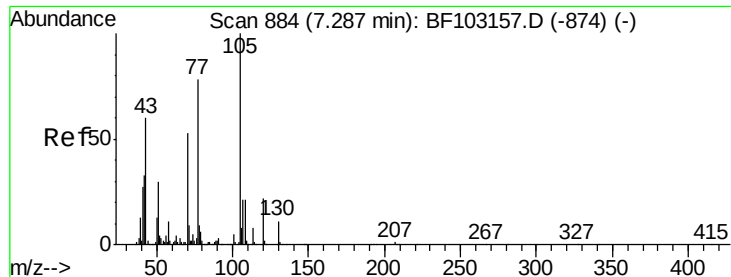
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#18
Hexachloroethane
Concen: 21.631 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.8	113.8
201	82.6	75.7	113.5





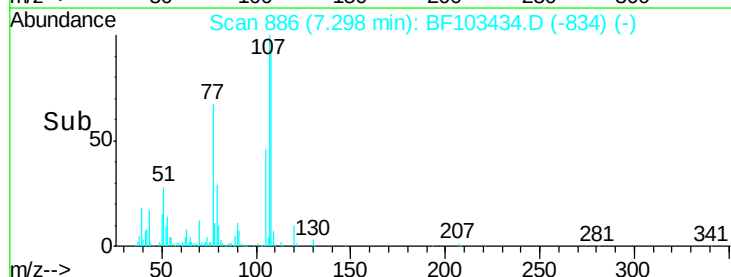
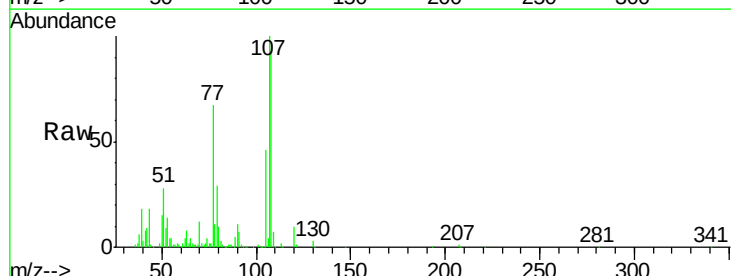
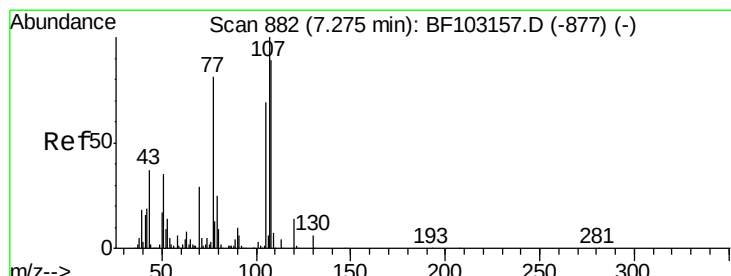
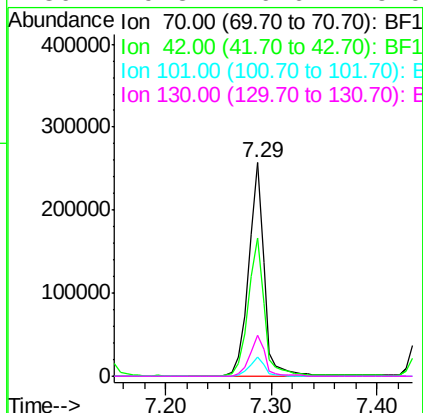
#19
n-Nitroso-di-n-propylamine
Concen: 43.380 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SP-24MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.6	47.5	71.3
101	9.2	7.4	11.2
130	19.3	16.6	25.0

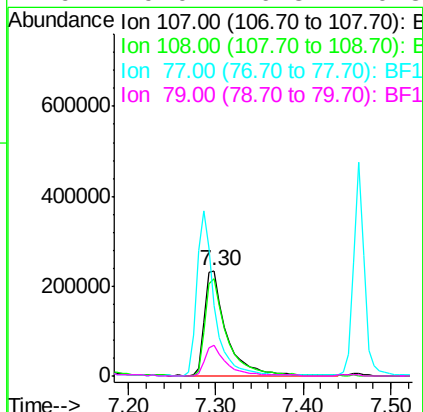
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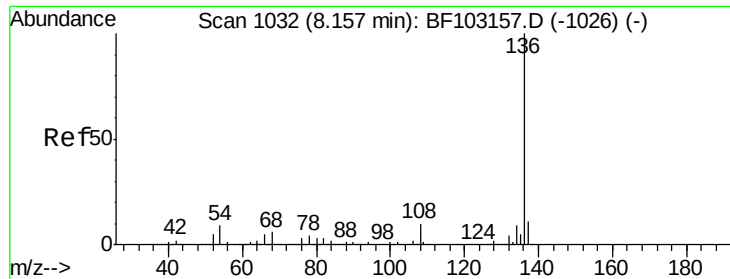
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#20
3+4-Methylphenols
Concen: 44.397 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.9	68.2	108.2
77	67.4	26.7	66.7#
79	29.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

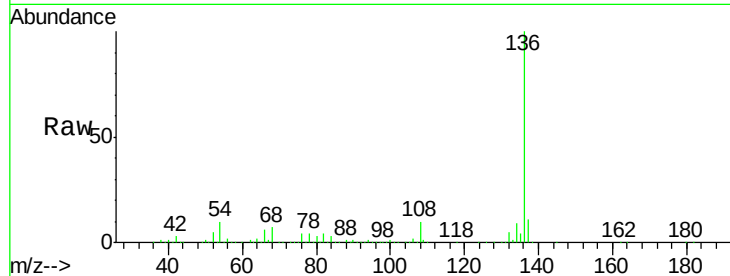
ClientSampleId :

SP-24MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		487687		
137	11.0		8.9	13.3	
54	9.7		6.6	9.8	
68	6.6		5.0	7.4	

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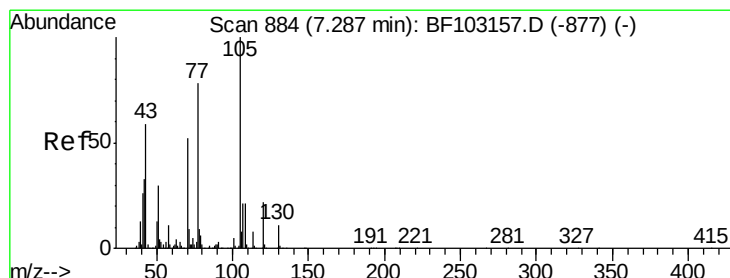
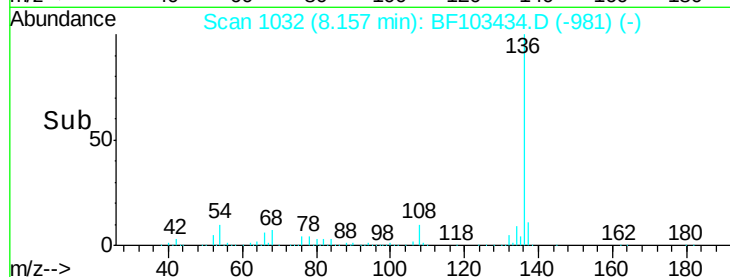
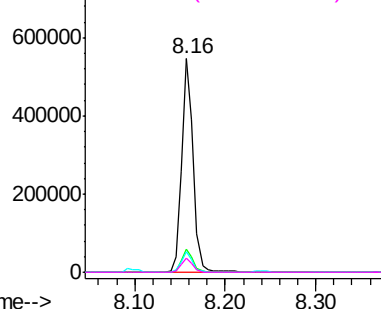
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.230 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		503491		
71	9.6		4.4	6.6#	
51	35.6		22.3	33.5#	
120	21.6		16.9	25.3	

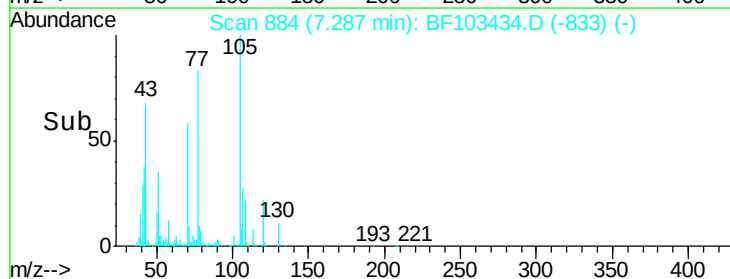
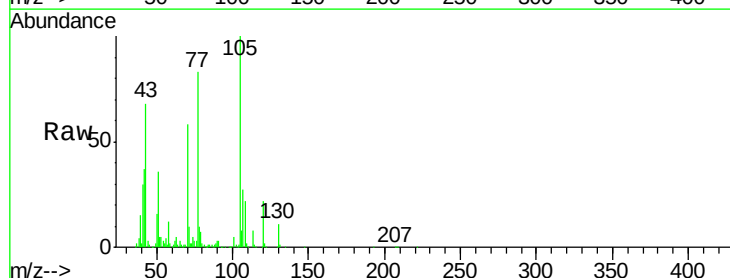
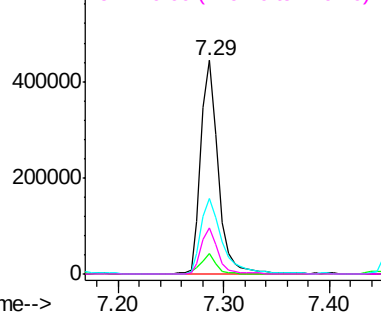
Abundance

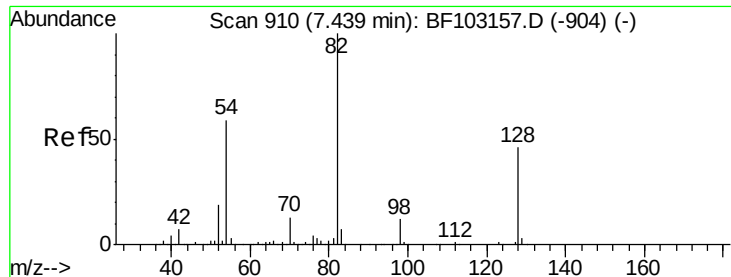
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 87.630 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

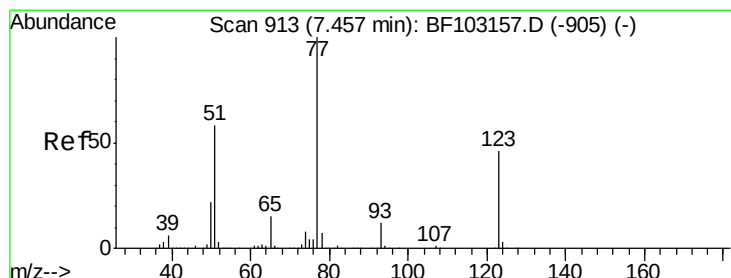
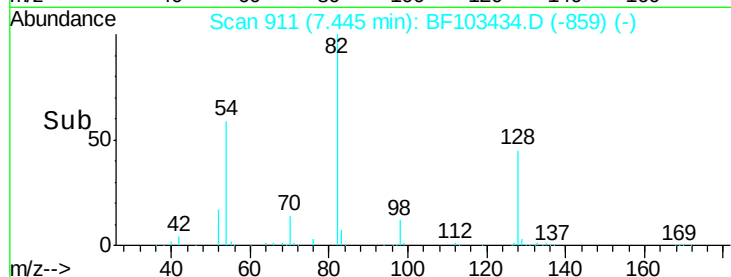
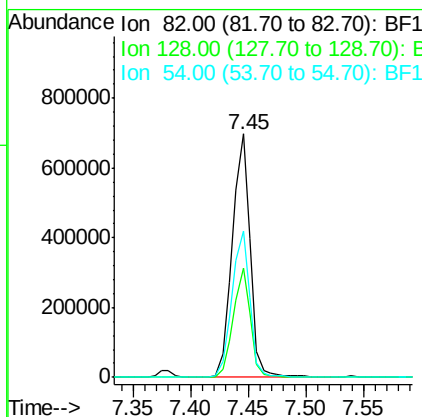
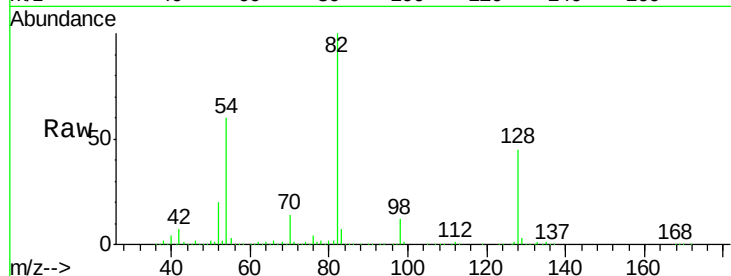
ClientSampleId :

SP-24MSD

Tot Ion:	82	Resp:	748334
Ion Ratio	Lower	Upper	
82	100		
128	44.6	36.1	54.1
54	60.3	41.4	62.2

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#24

Nitrobenzene

Concen: 43.716 ng

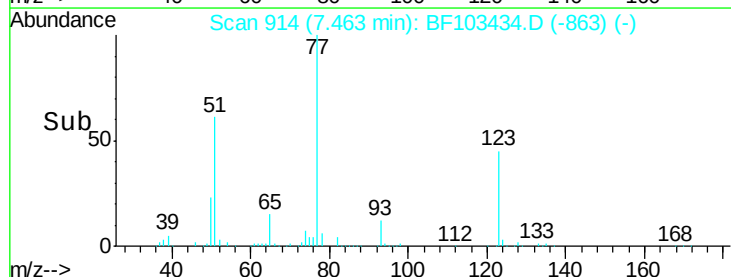
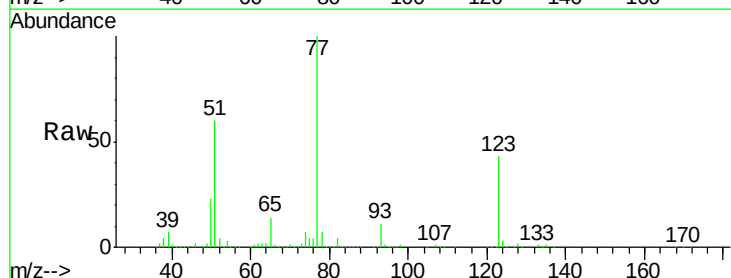
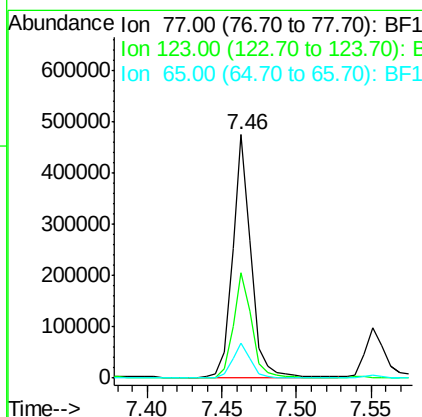
RT: 7.46 min Scan# 914

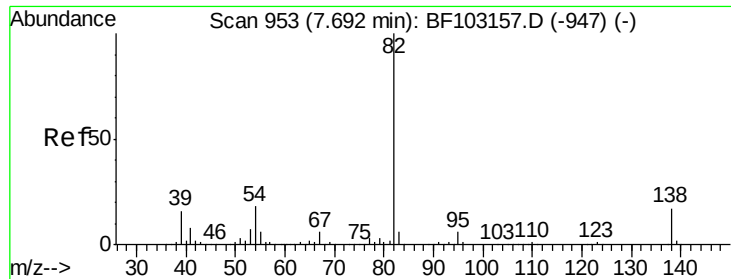
Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Tgt Ion:	77	Resp:	411028
Ion Ratio	Lower	Upper	
77	100		
123	43.2	37.9	56.9
65	14.5	11.0	16.4





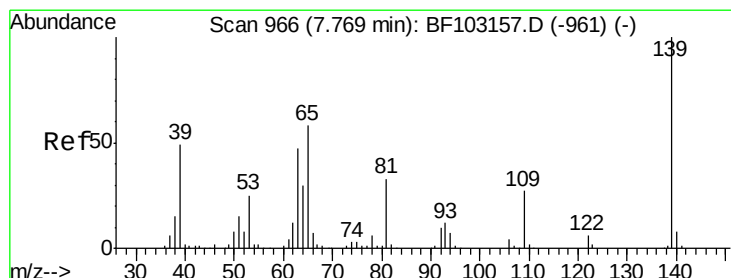
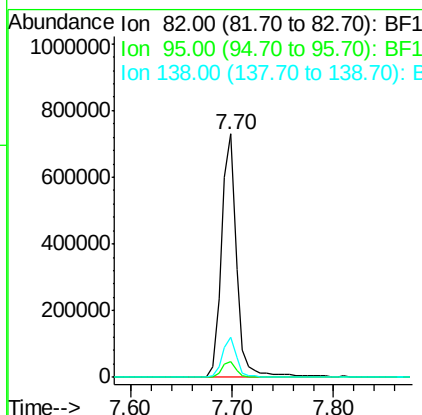
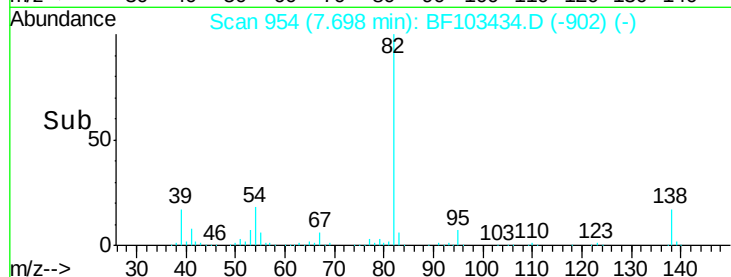
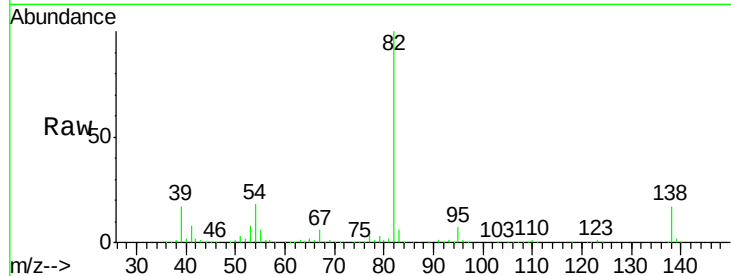
#25
Isophorone
Concen: 44.947 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SP-24MSD

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	6.7	5.2	7.8
138	16.6	14.9	22.3

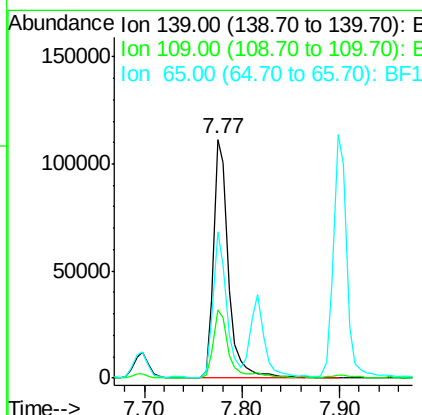
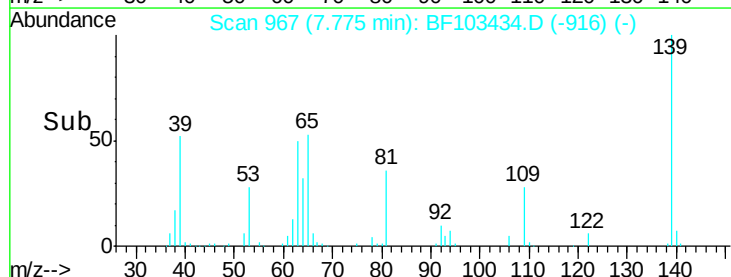
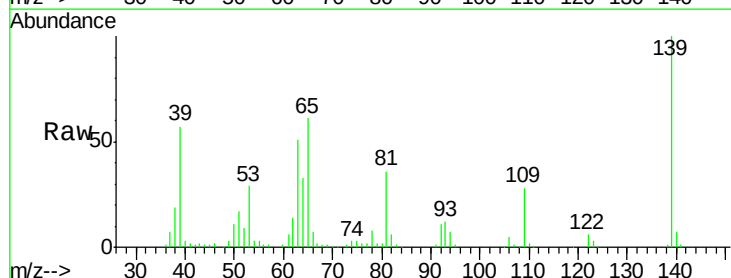
Manual Integrations
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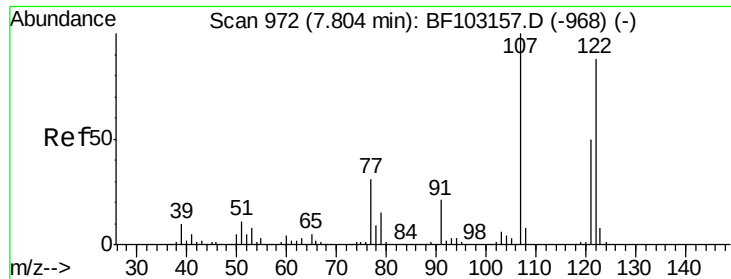
Sohil
3/6/2018 4:24:03 PM



#26
2-Nitrophenol
Concen: 26.888 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	28.4	22.7	34.1
65	61.0	40.5	60.7#





#27

2,4-Dimethylphenol

Concen: 49.093 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

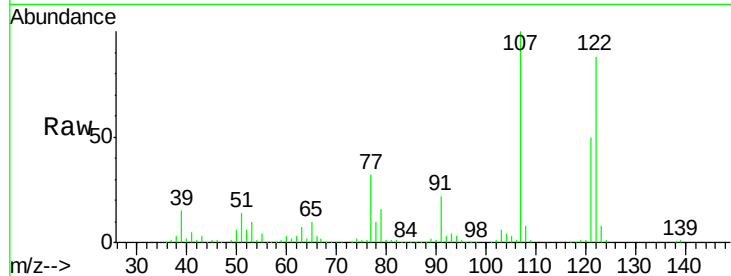
ClientSampled :

SP-24MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.3	91.2	136.8
121	57.1	47.2	70.8

Manual Integrations
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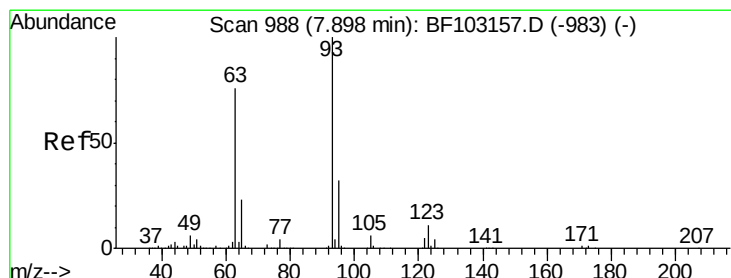
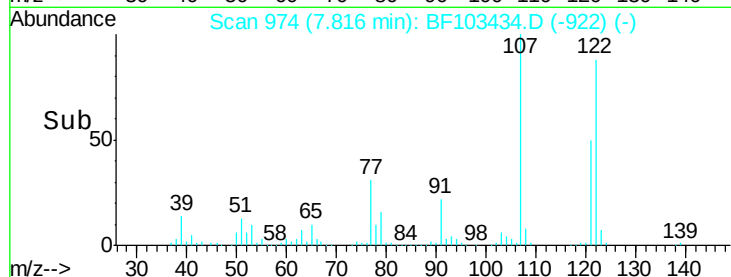
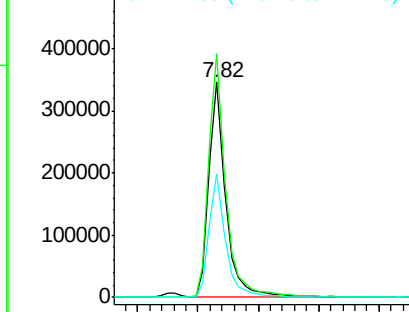


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.820 ng

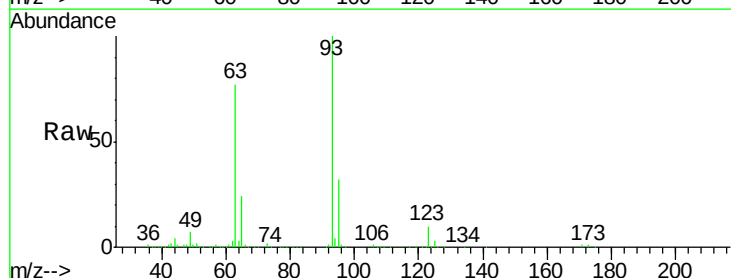
RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.3	39.5
123	10.0	9.8	14.6

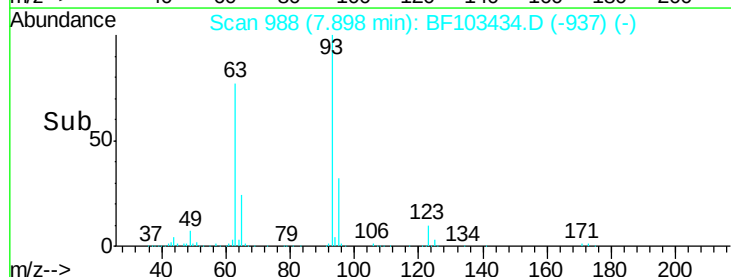
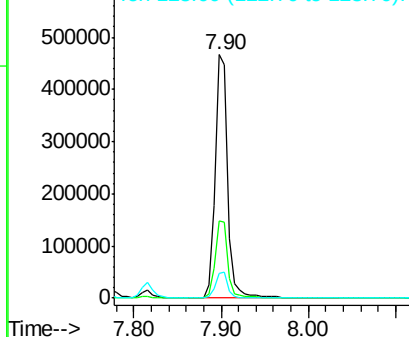


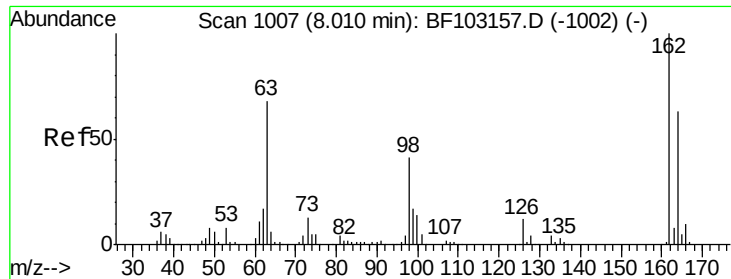
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





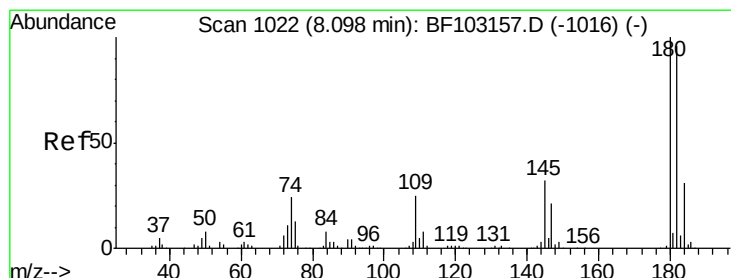
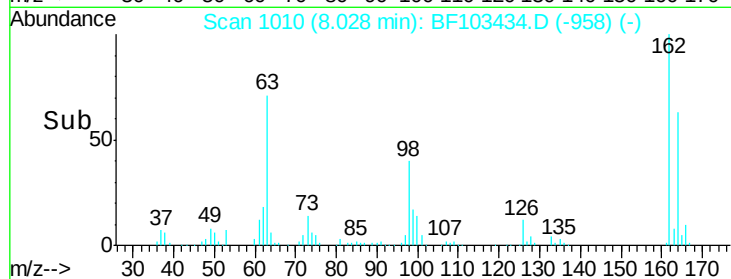
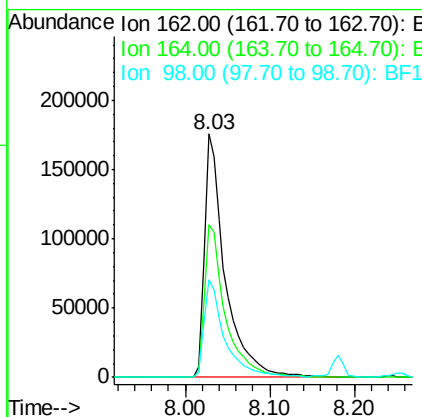
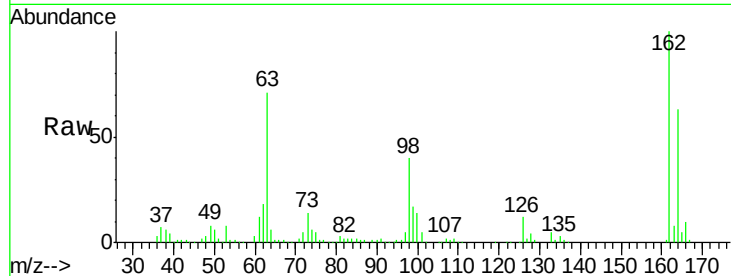
#29
 2,4-Dichlorophenol
 Concen: 45.940 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Instrument :
 BNA_F
 ClientSampleId :
 SP-24MSD

Tot Ion:	162	Resp:	297575
Ion Ratio	Lower	Upper	
162	100		
164	62.8	42.7	82.7
98	40.0	18.1	58.1

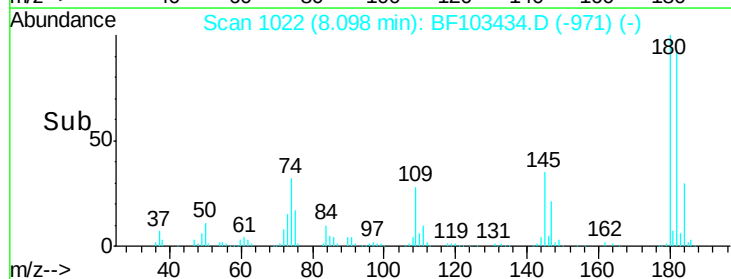
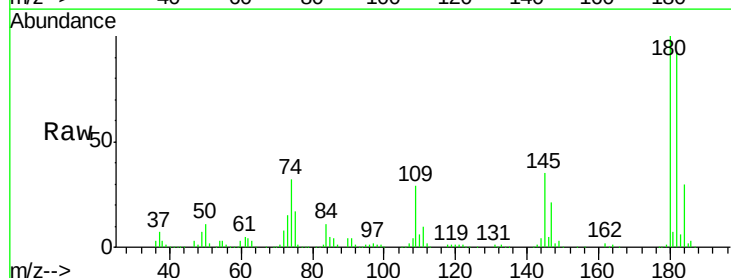
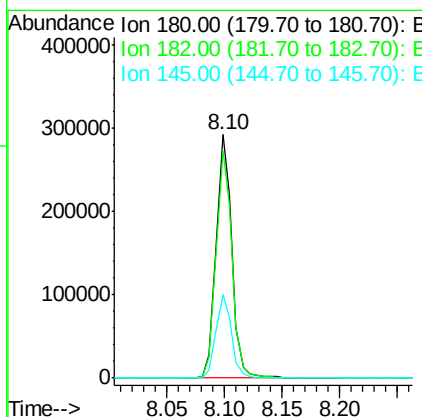
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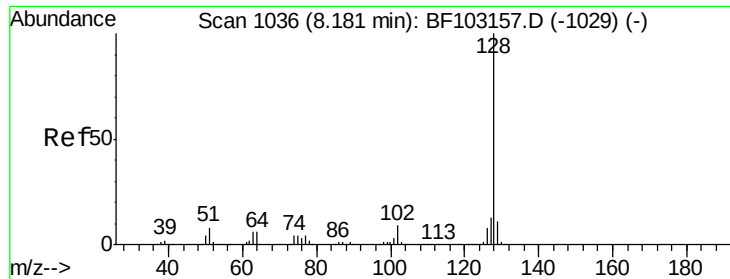
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.941 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tgt Ion:	180	Resp:	275502
Ion Ratio	Lower	Upper	
180	100		
182	93.3	76.8	115.2
145	34.6	26.5	39.7





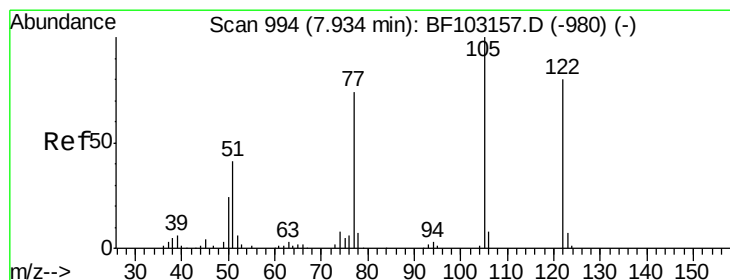
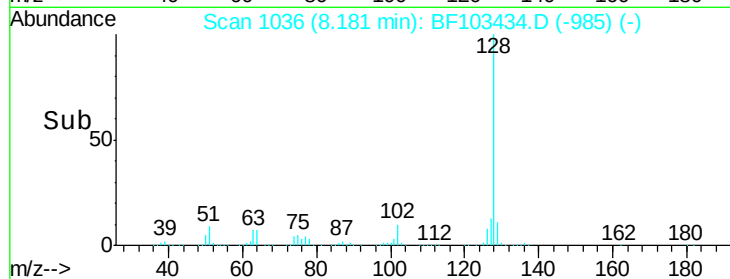
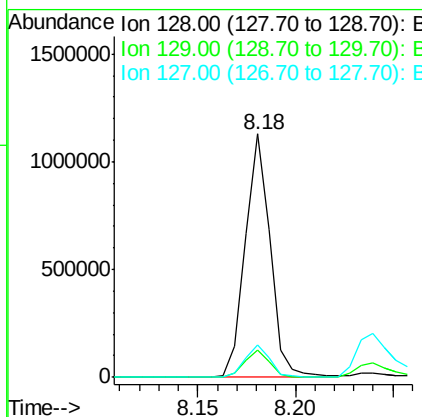
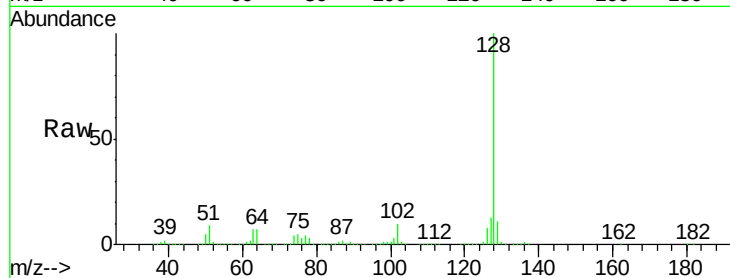
#31
Naphthalene
Concen: 41.987 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampled :
SP-24MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.3	10.9	16.3

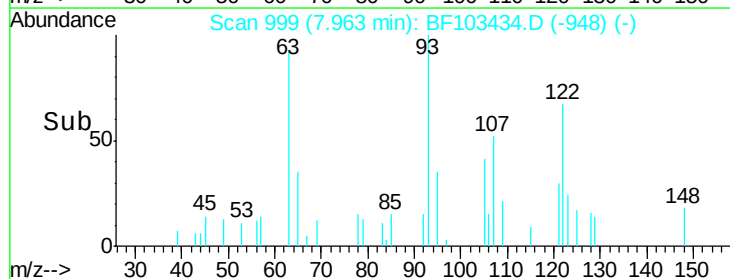
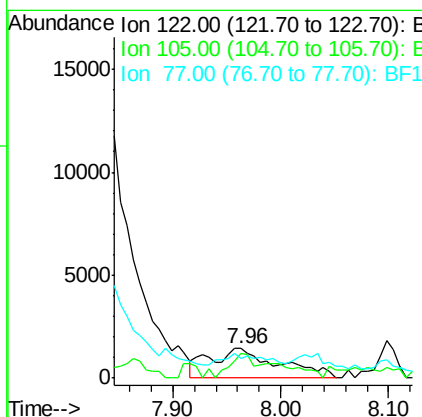
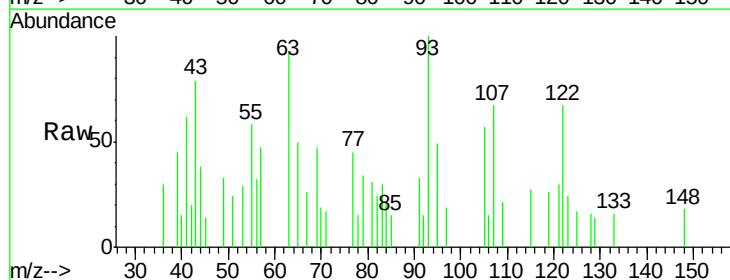
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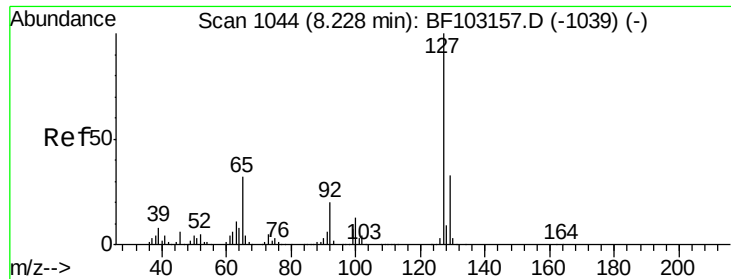
Sohil
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#32
Benzoic acid
Concen: 7.997 ng m
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	85.1	101.1	141.1#
77	66.6	70.7	110.7#





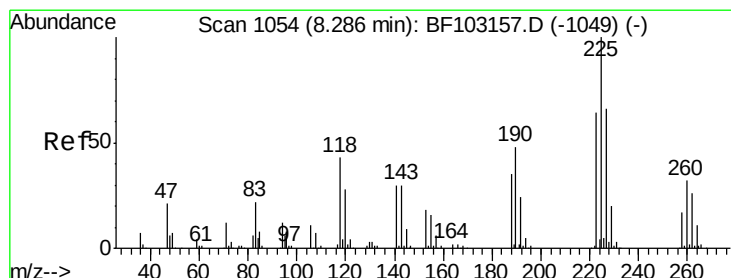
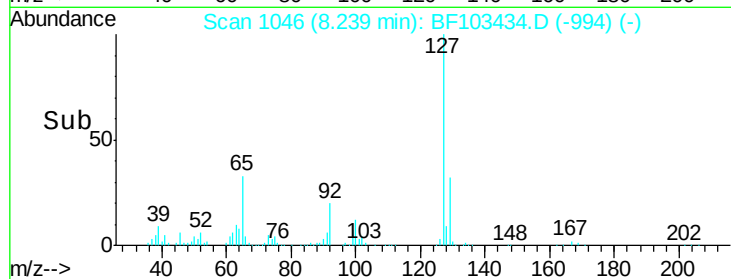
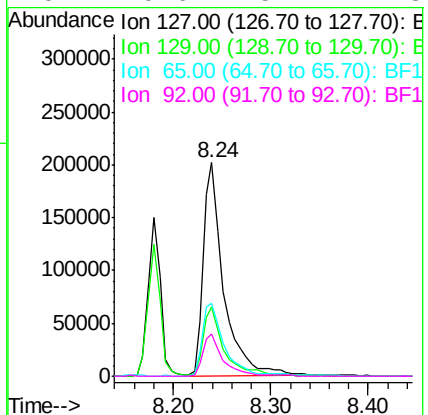
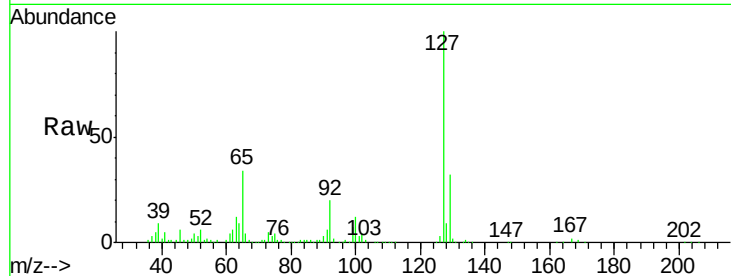
#33
4-Chloroaniline
Concen: 28.323 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SP-24MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		291820		
129	32.2	25.9	38.9		
65	33.9	25.0	37.4		
92	19.6	15.2	22.8		

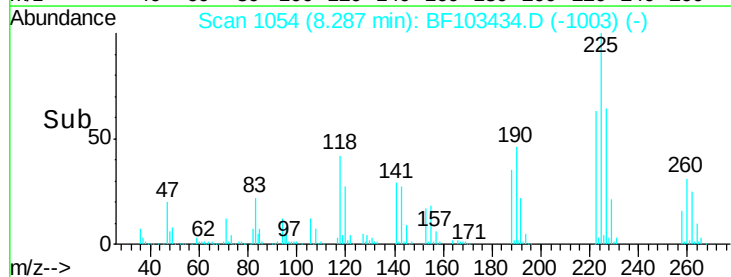
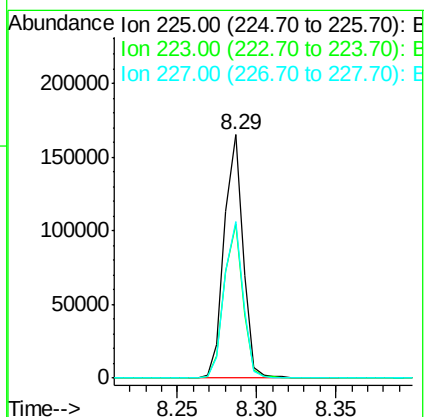
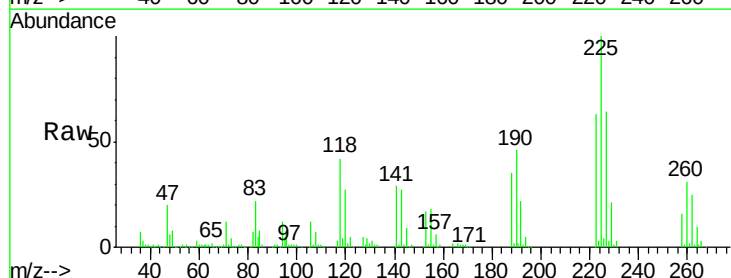
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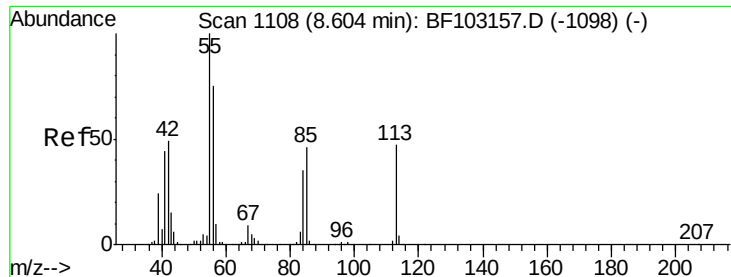
Sohil
3/6/2018 4:24:03 PM



#34
Hexachlorobutadiene
Concen: 37.969 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		136384		
223	63.4	50.6	76.0		
227	64.0	51.9	77.9		





#35

Caprolactam

Concen: 41.094 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

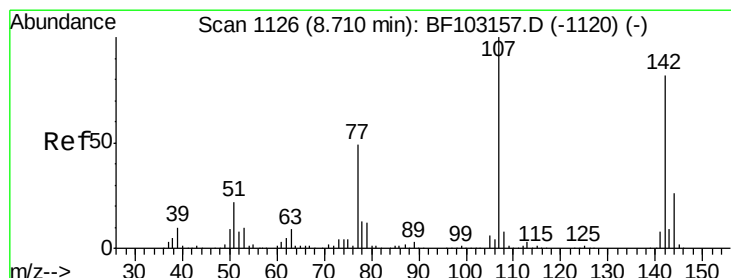
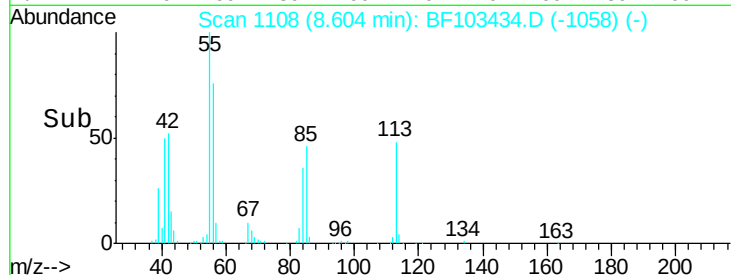
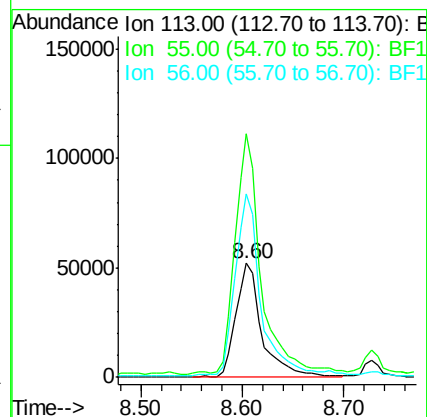
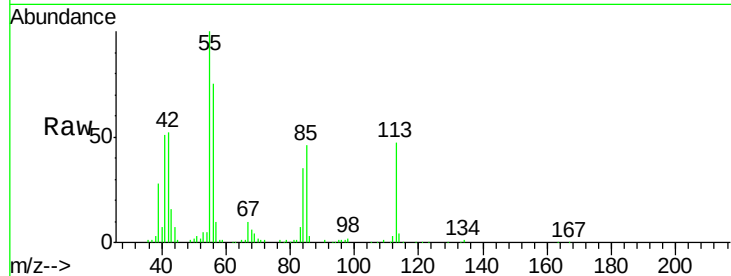
ClientSampled :

SP-24MSD

Tot Ion:	113	Resp:	93552
Ion Ratio	Lower	Upper	
113	100		
55	213.3	163.3	203.3#
56	160.4	115.7	155.7#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 42.740 ng

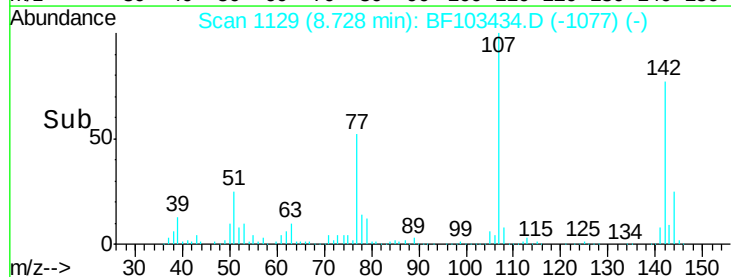
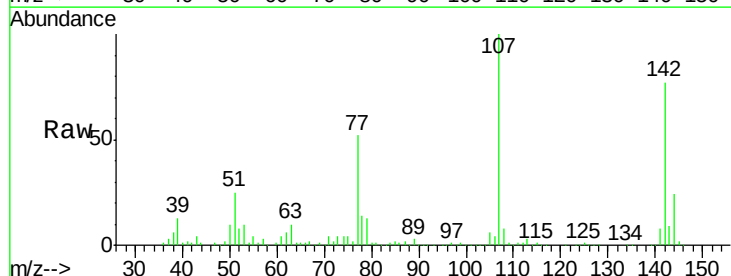
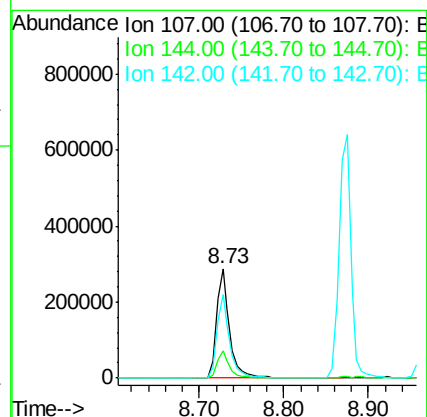
RT: 8.73 min Scan# 1129

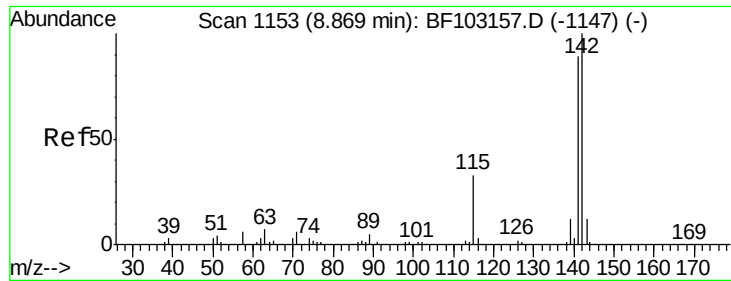
Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Tgt Ion:	107	Resp:	312262
Ion Ratio	Lower	Upper	
107	100		
144	24.5	20.5	30.7
142	76.6	62.0	93.0





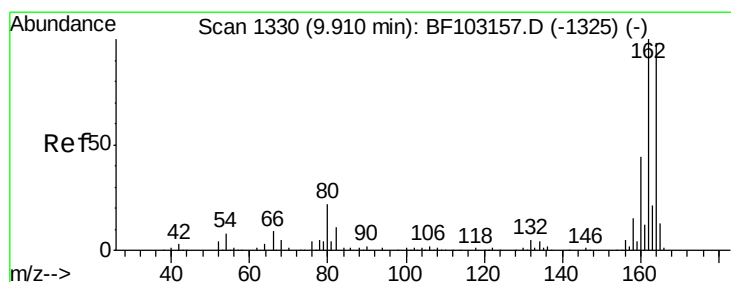
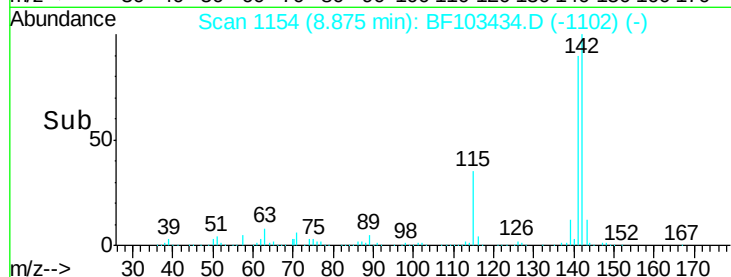
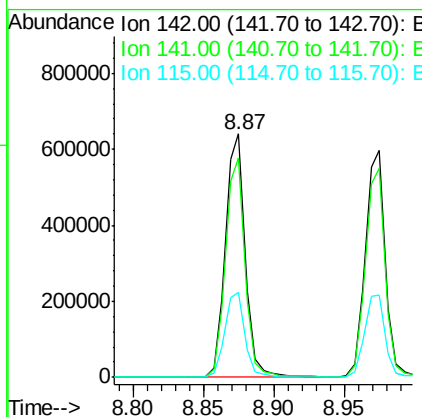
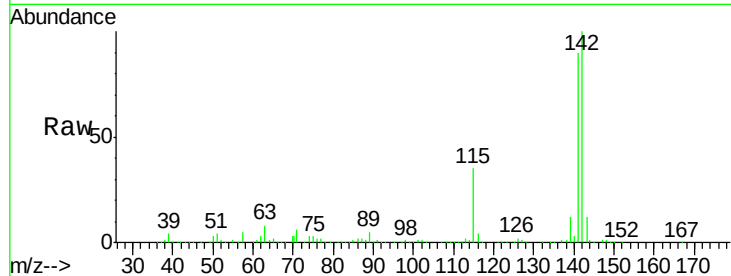
#37
2-Methylnaphthalene
Concen: 40.261 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SP-24MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	35.1	26.1	39.1

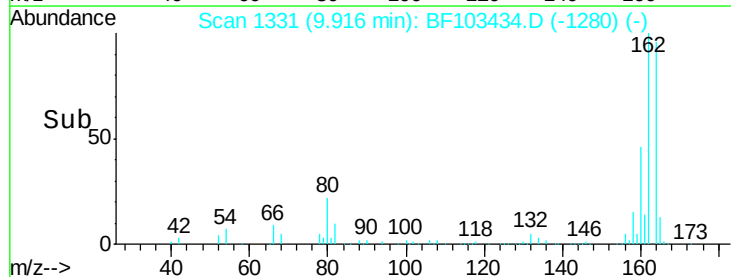
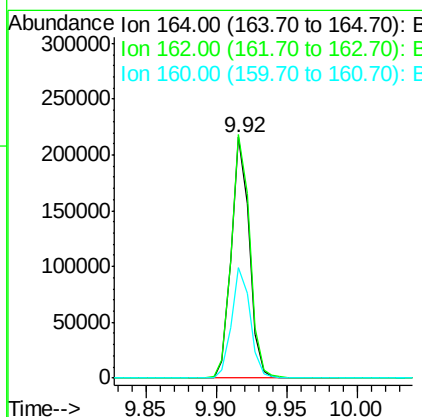
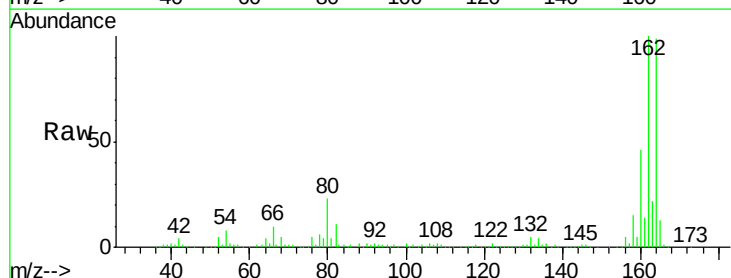
Manual Integrations
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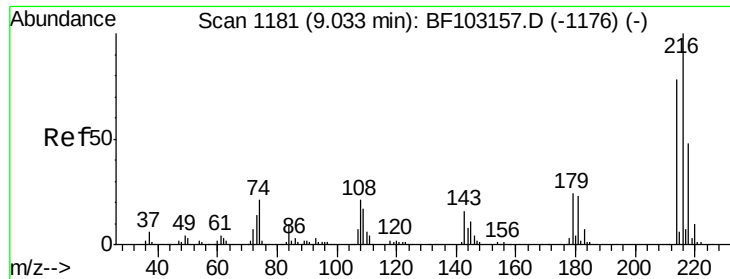
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	46.1	38.3	57.5





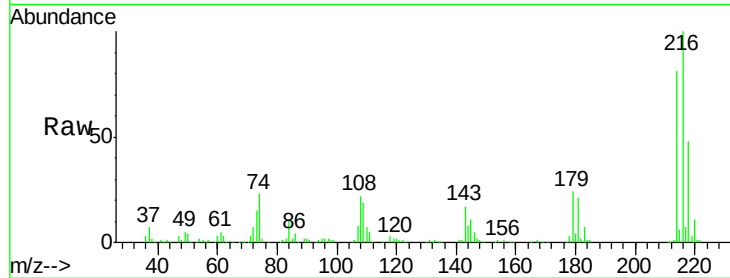
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.578 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Instrument :
 BNA_F
 ClientSampleId :
 SP-24MSD

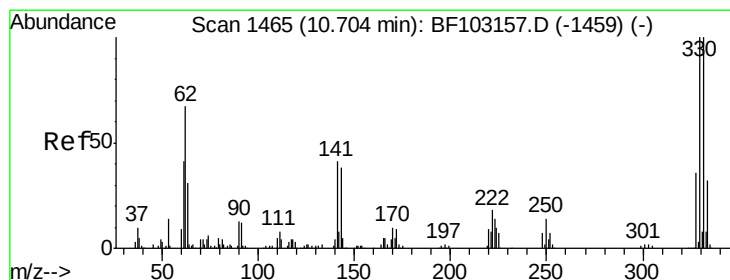
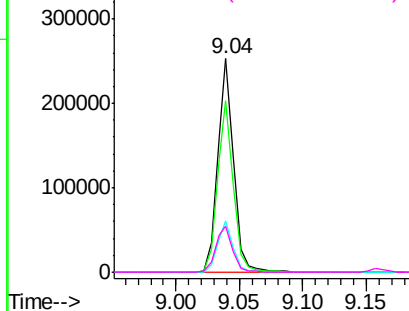
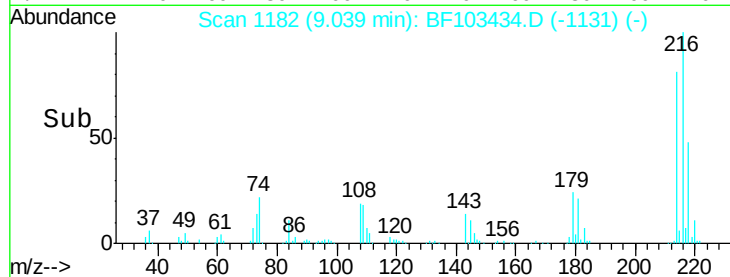
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.0	63.0	94.4
179	23.7	18.1	27.1
108	23.6	17.2	25.8

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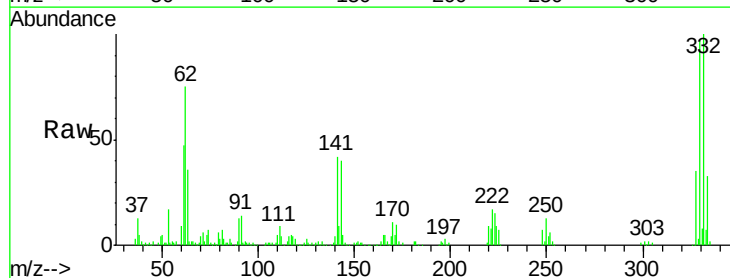


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

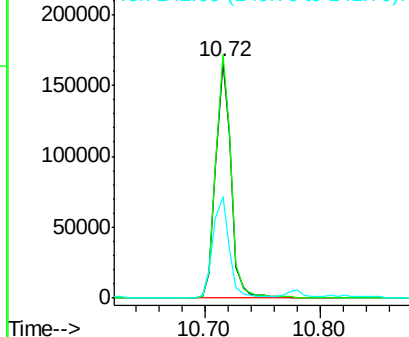
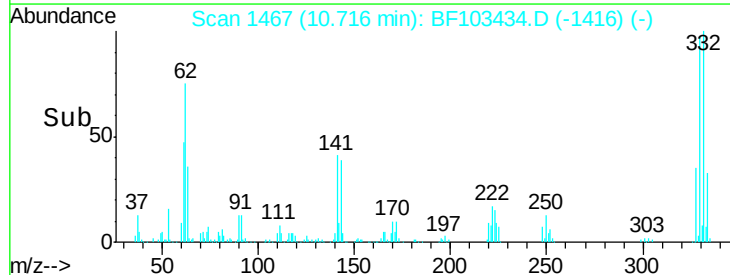


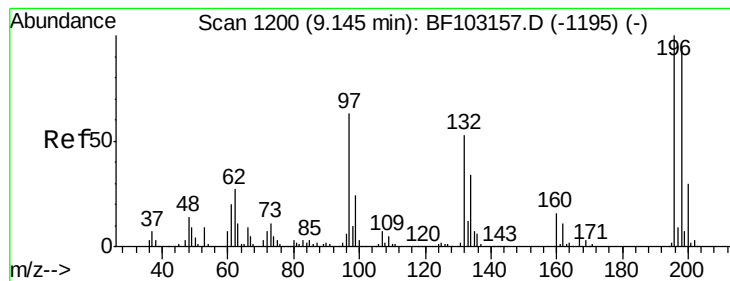
#41
 2,4,6-Tribromophenol
 Concen: 94.635 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	102.2	77.0	115.6
141	44.5	29.9	44.9



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





#42

2,4,6-Trichlorophenol

Concen: 42.450 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

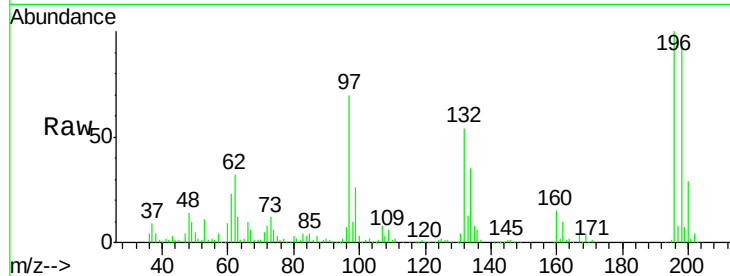
ClientSampled :

SP-24MSD

Tot Ion:	196	Resp:	150181
Ion Ratio	Lower	Upper	
196	100		
198	94.5	75.7	113.5
200	29.4	24.5	36.7

Manual Integrations
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3/6/2018 4:24:03 PM

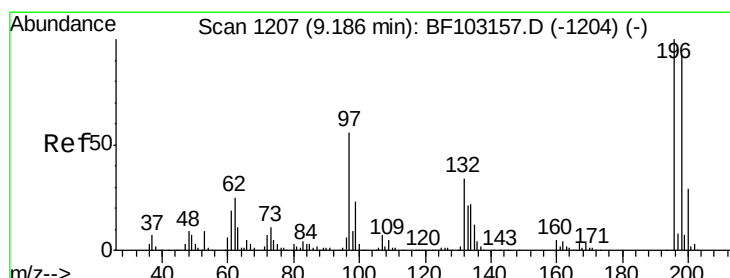
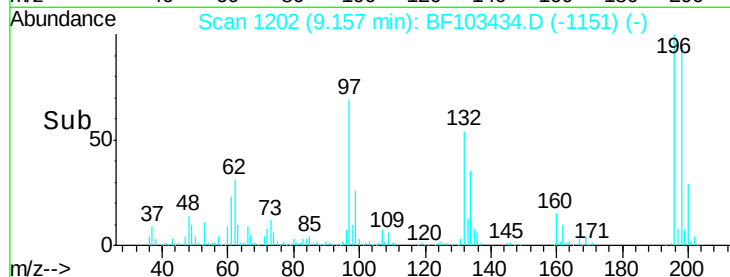
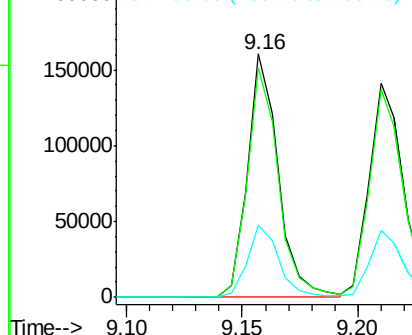


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 38.330 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Tgt Ion:	196	Resp:	155969
Ion Ratio	Lower	Upper	
196	100		
198	96.6	74.6	112.0
97	60.9	42.9	64.3
132	34.5	26.3	39.5

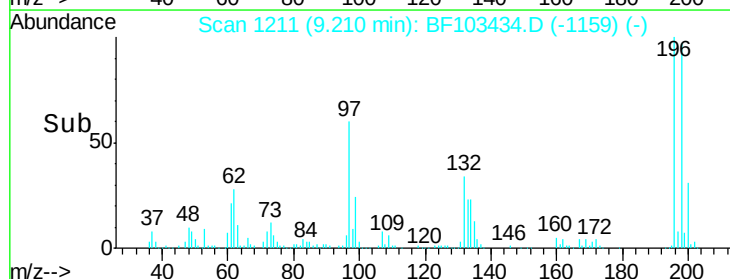
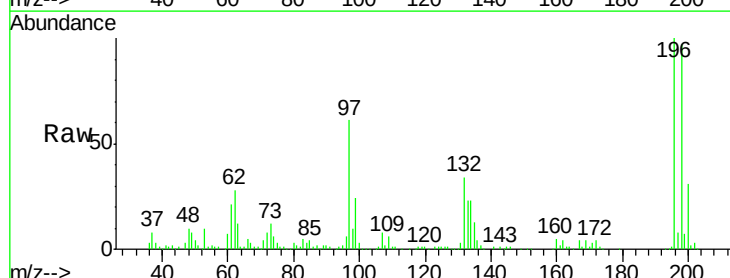
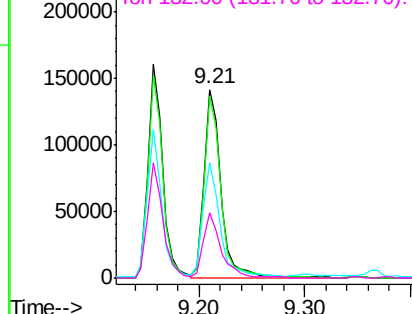
Abundance

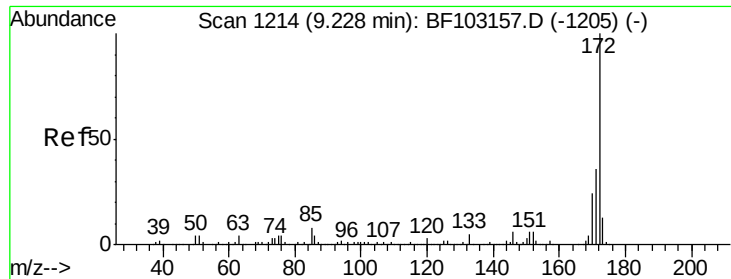
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





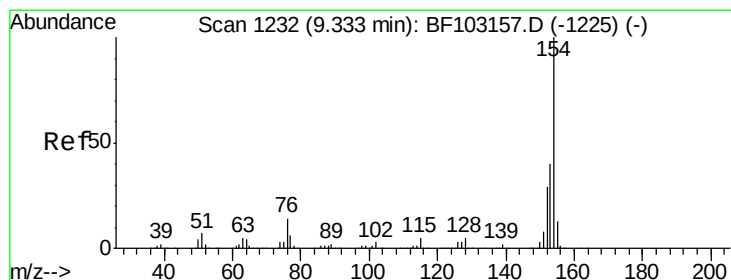
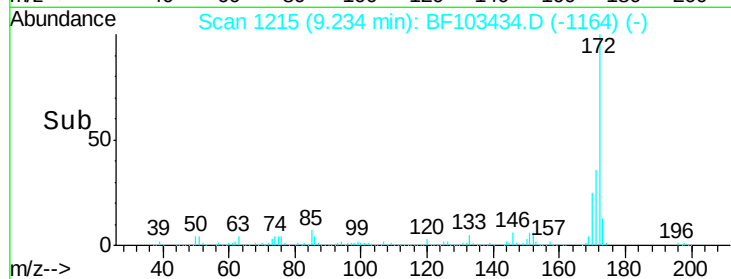
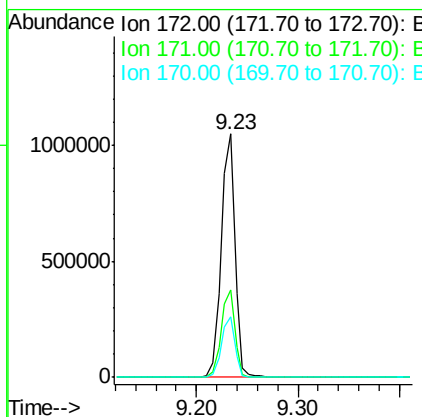
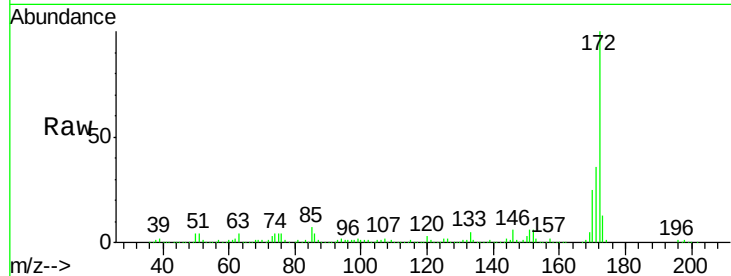
#44
2-Fluorobiphenyl
Concen: 89.529 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	987191		
171	35.7		29.7	44.5
170	24.7		19.6	29.4

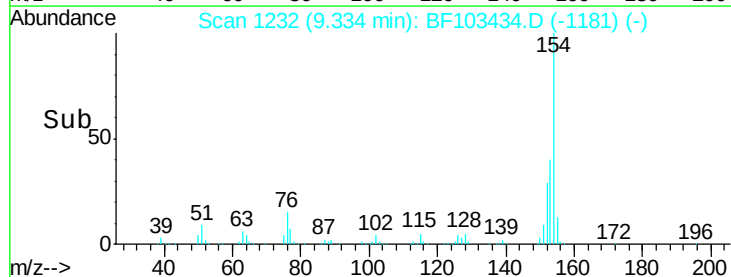
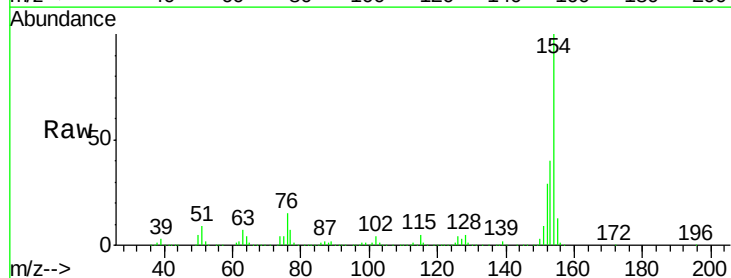
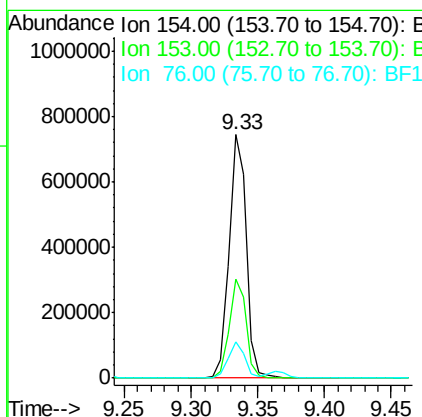
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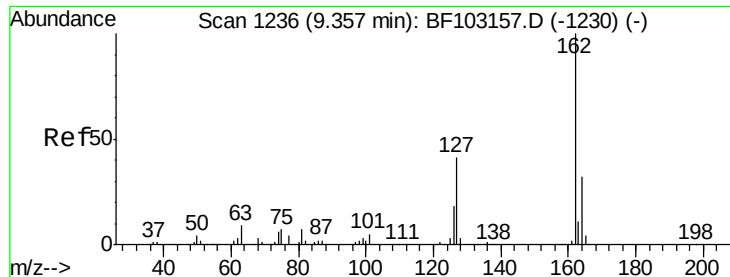
Sohil
3/6/2018 4:24:03 PM



#45
1,1'-Biphenyl
Concen: 42.203 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	680151		
153	40.5		21.3	61.3
76	15.1		0.0	34.0





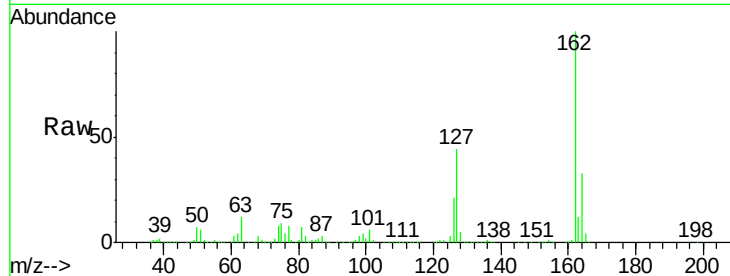
#46
2-Chloronaphthalene
Concen: 41.721 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SP-24MSD

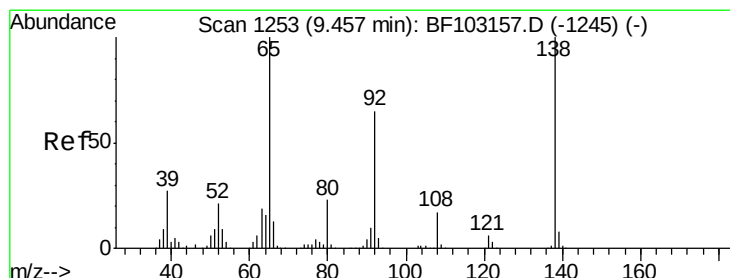
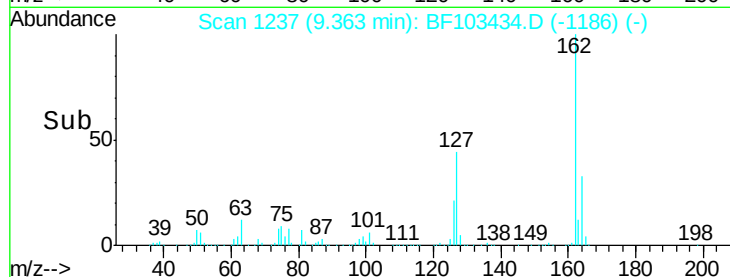
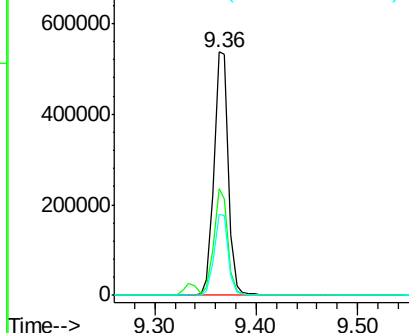
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	43.6	33.9	50.9
164	33.3	26.5	39.7

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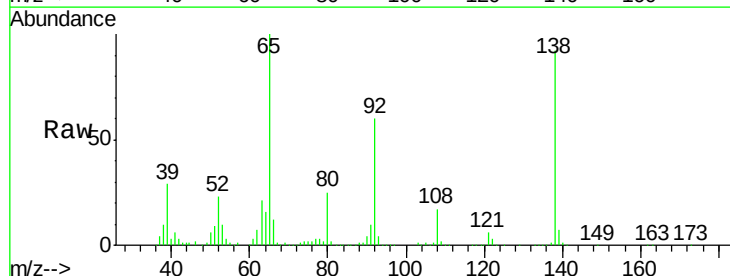


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

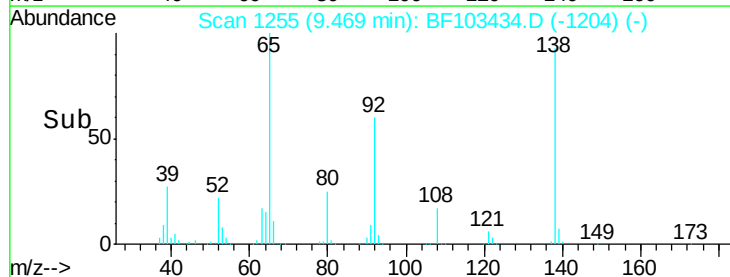
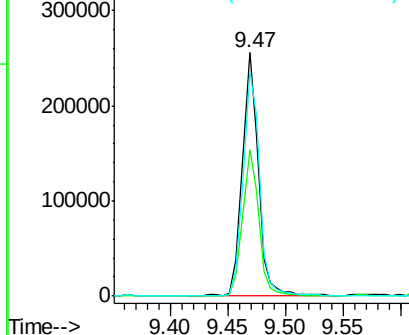


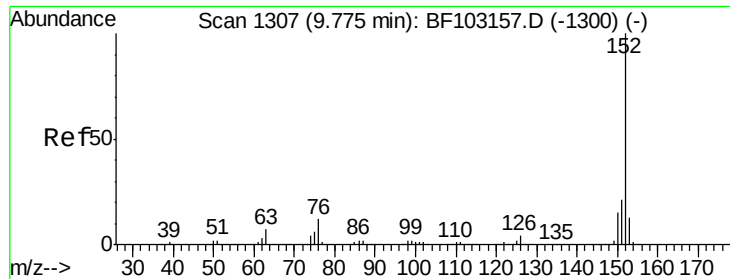
#47
2-Nitroaniline
Concen: 52.458 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	59.9	55.8	83.6
138	92.0	91.2	136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 40.578 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

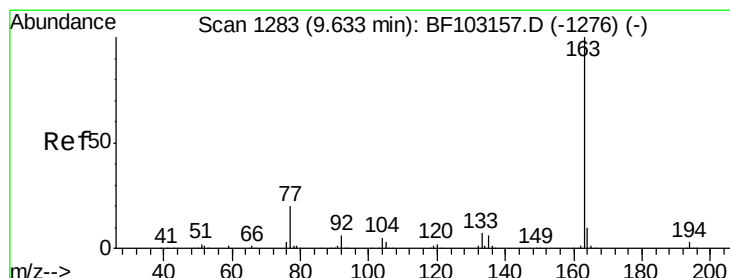
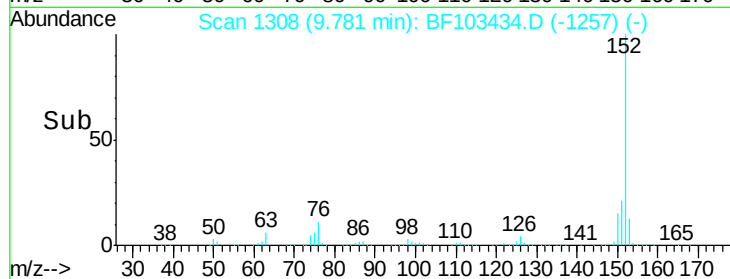
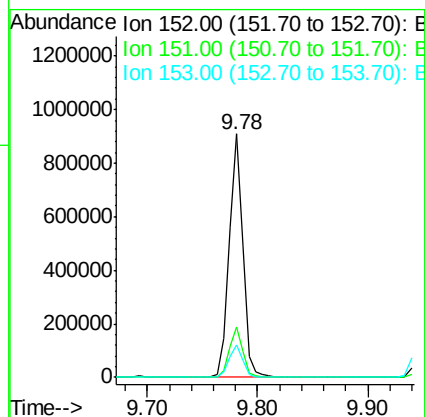
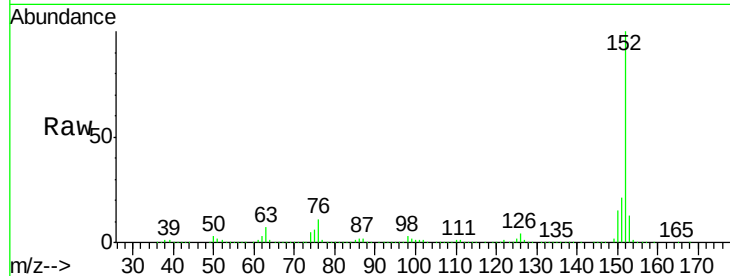
ClientSampleId :

SP-24MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		796029		
151	20.8	16.3	24.5		
153	13.2	10.7	16.1		

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3/6/2018 4:24:03 PM



#49

Dimethylphthalate

Concen: 44.404 ng

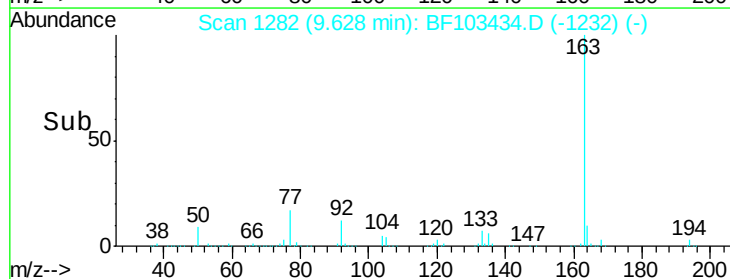
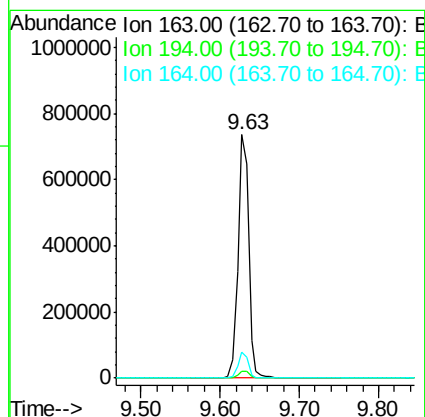
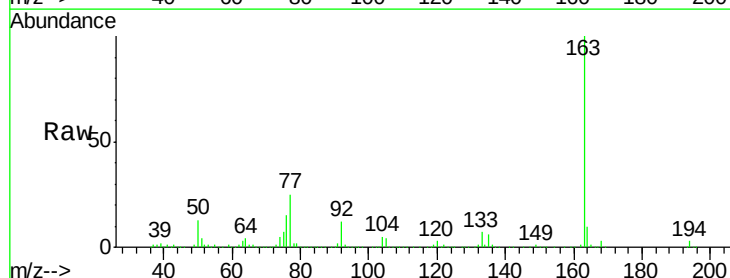
RT: 9.63 min Scan# 1282

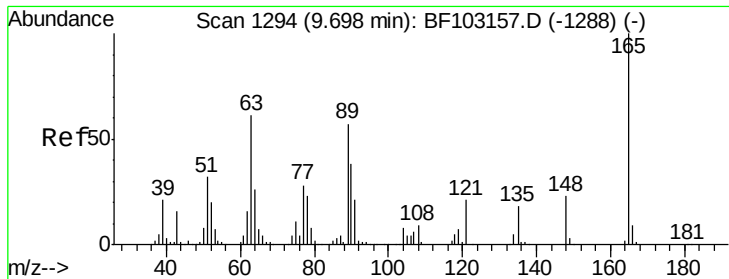
Delta R.T. -0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		685104		
194	3.0	2.7	4.1		
164	10.4	8.2	12.2		





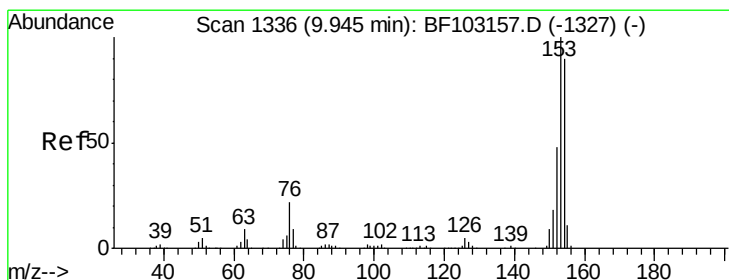
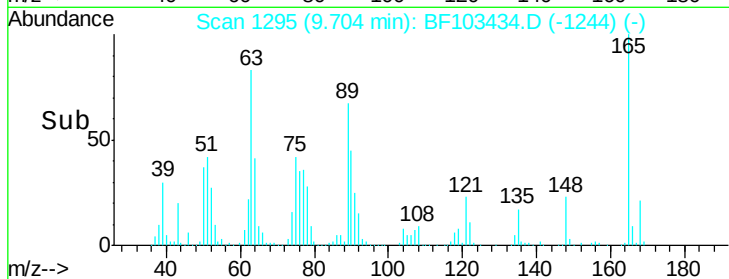
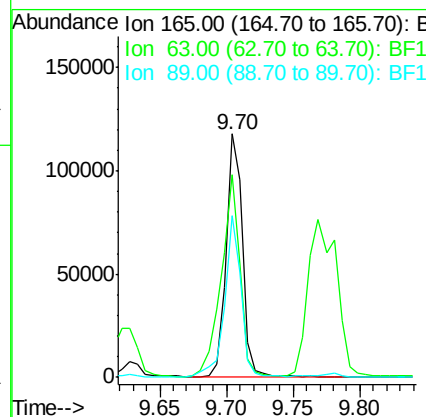
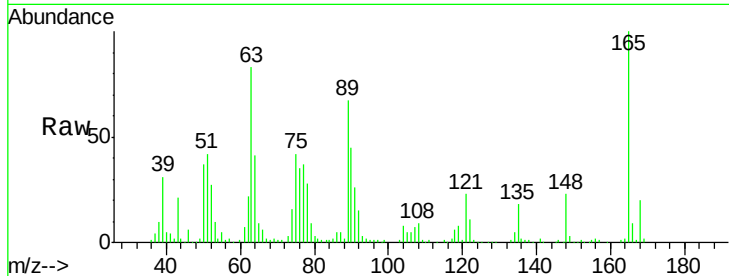
#50
2,6-Dinitrotoluene
Concen: 31.814 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SP-24MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	83.3	44.7	67.1#
89	66.6	44.0	66.0#

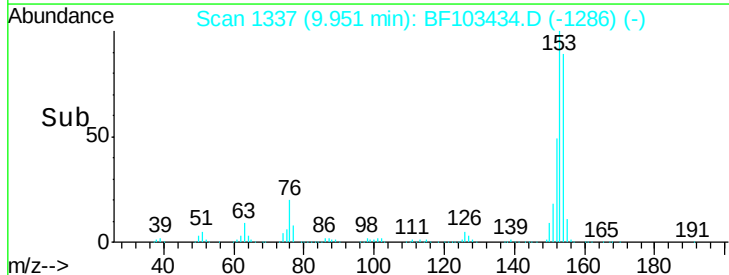
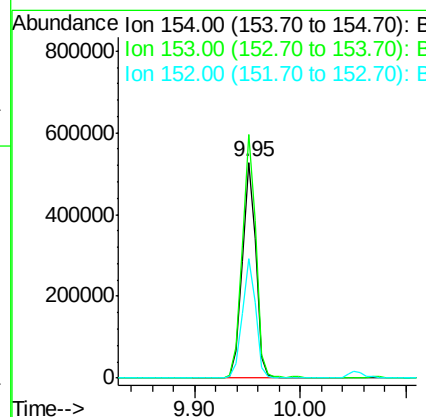
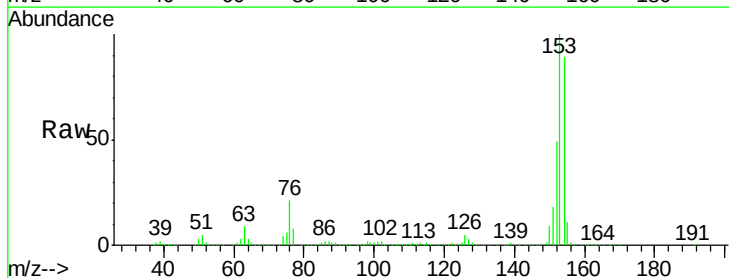
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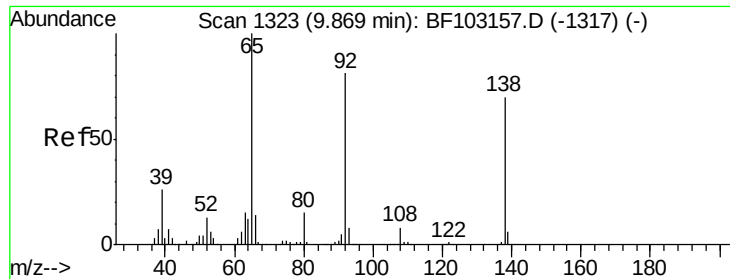
Sohil
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#51
Acenaphthene
Concen: 40.275 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.8	91.2	136.8
152	55.4	43.8	65.8





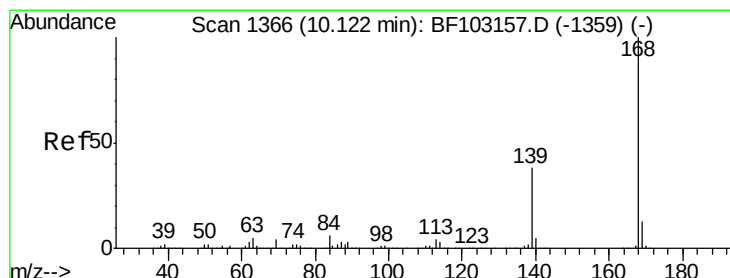
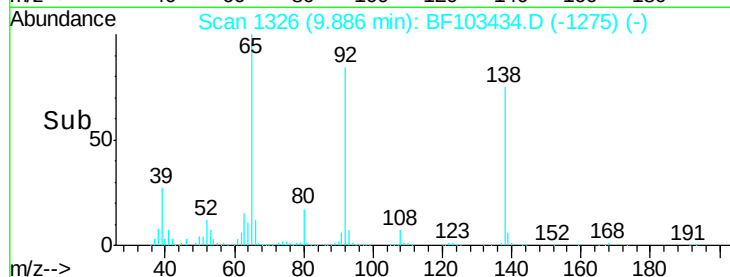
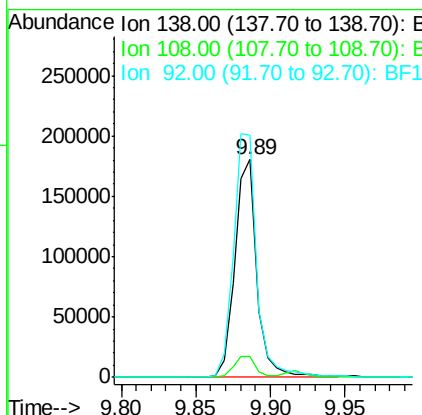
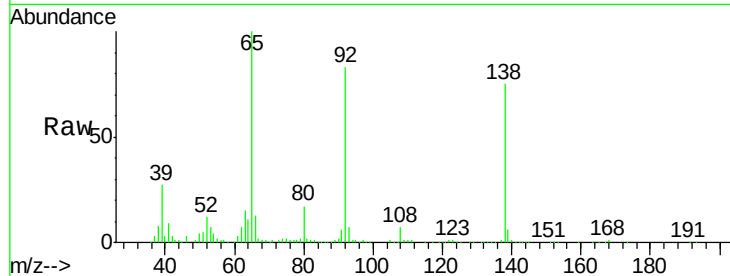
#52
3-Nitroaniline
Concen: 45.571 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampled :
SP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	187199		
108	9.8	9.4	14.0	
92	111.4	89.4	134.2	

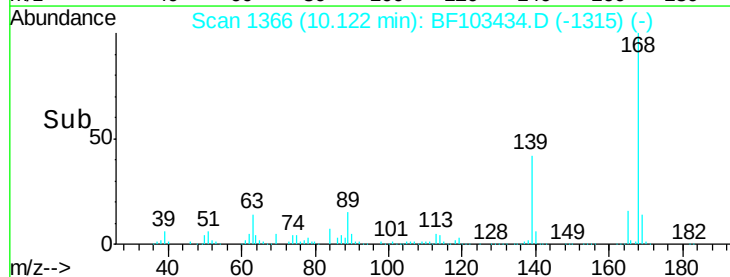
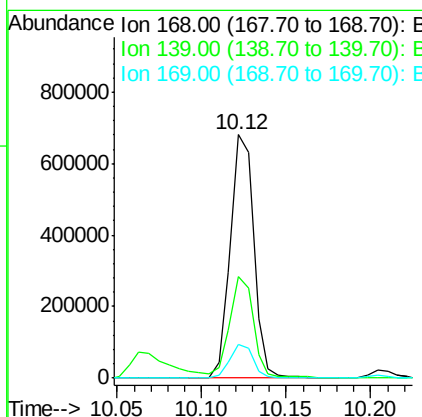
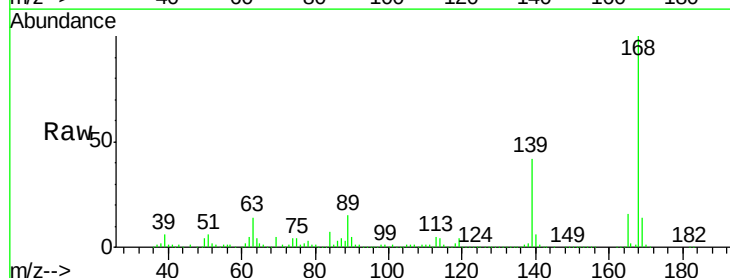
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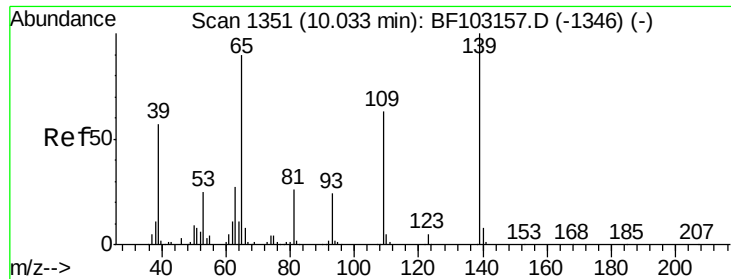
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3/6/2018 4:24:03 PM



#54
Dibenzofuran
Concen: 42.013 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	659717		
139	41.8	30.1	45.1	
169	13.8	10.9	16.3	





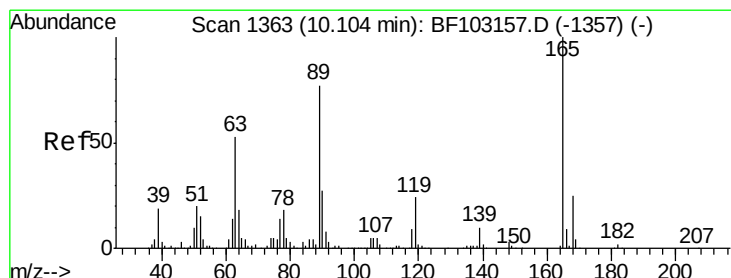
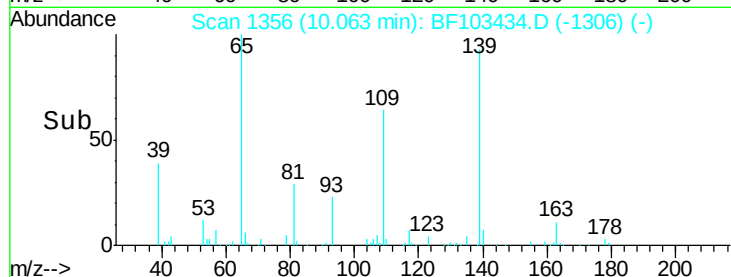
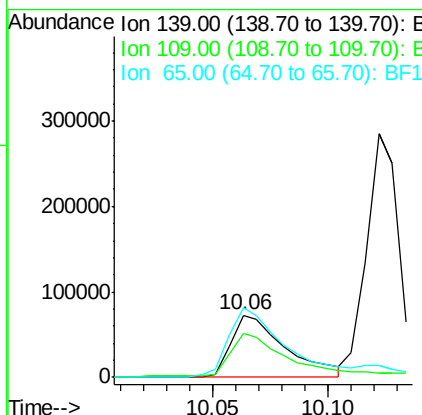
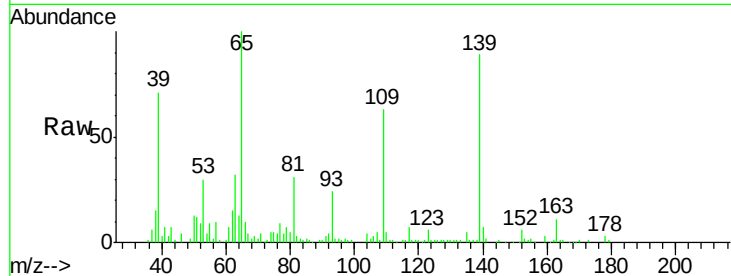
#55
4-Nitrophenol
Concen: 46.348 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	117998		
109	71.3	48.4	88.4	
65	112.8	72.6	112.6#	

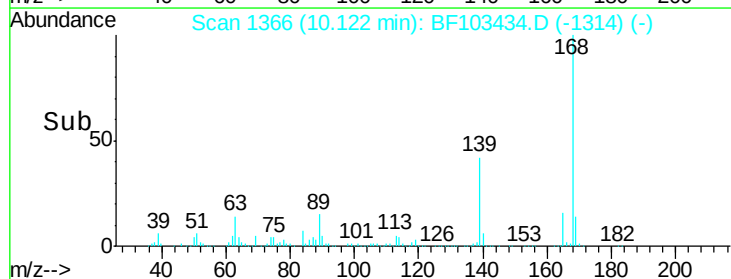
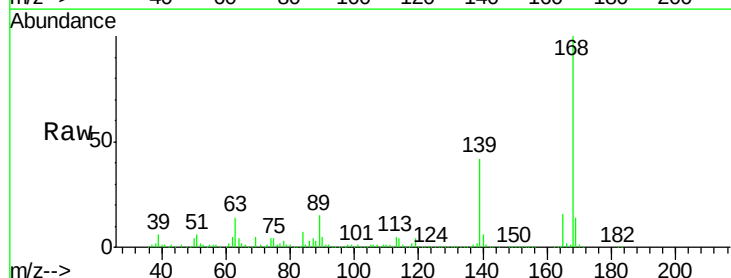
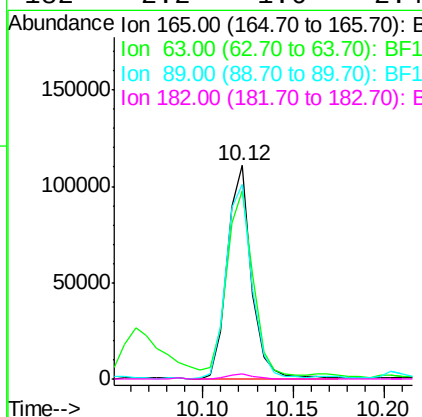
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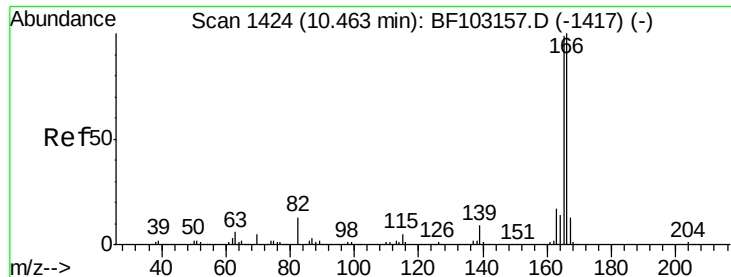
Sohil
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#56
2,4-Dinitrotoluene
Concen: 25.063 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	102630		
63	88.4	36.4	54.6#	
89	91.1	57.8	86.6#	
182	2.2	1.6	2.4	





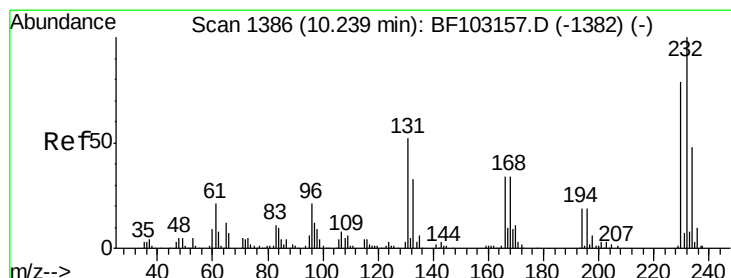
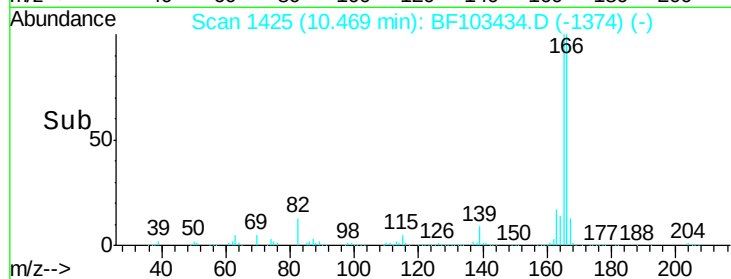
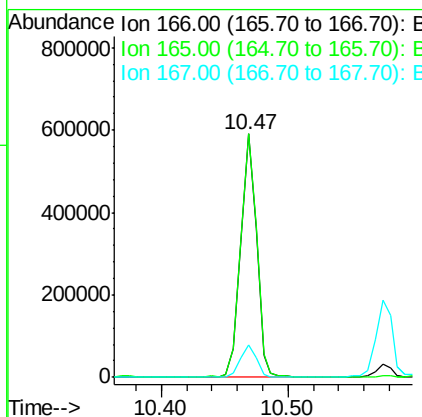
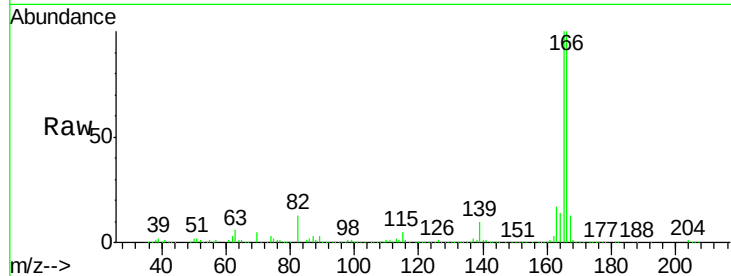
#57
 Fluorene
 Concen: 37.981 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Instrument :
 BNA_F
 ClientSampleId :
 SP-24MSD

Tot Ion:	166	Resp:	508065
Ion Ratio	Lower	Upper	
166	100		
165	99.9	79.8	119.8
167	13.3	10.6	16.0

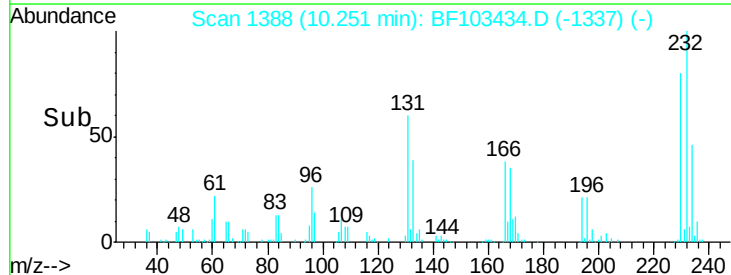
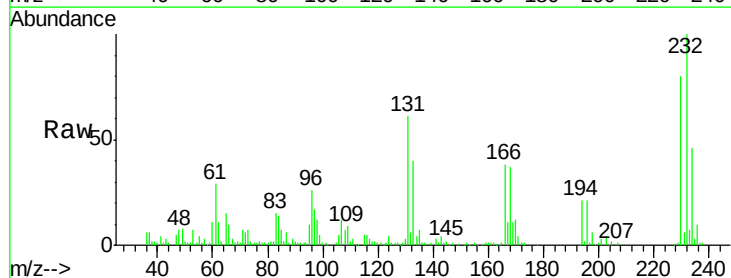
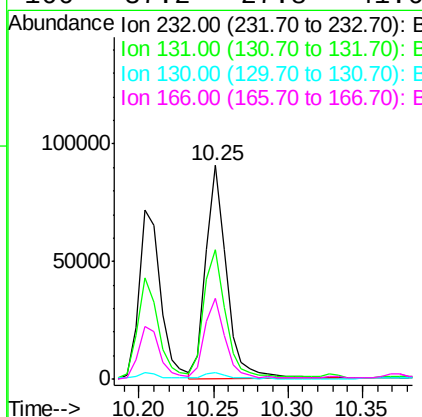
Manual Integrations
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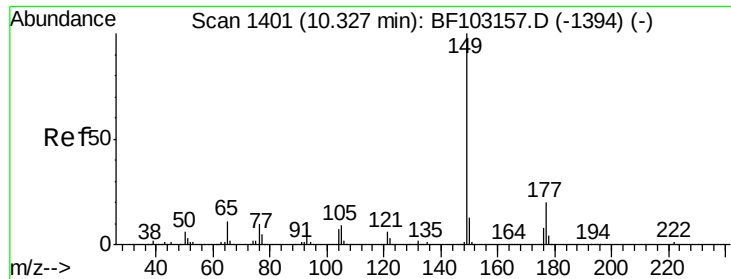
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 3/6/2018 4:24:03 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.663 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tgt Ion:	232	Resp:	86549
Ion Ratio	Lower	Upper	
232	100		
131	63.8	43.8	65.8
130	3.9	2.1	3.1#
166	37.2	27.8	41.6





#59

Diethylphthalate

Concen: 40.514 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

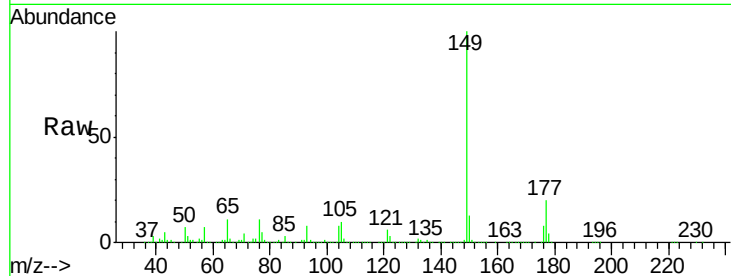
ClientSampleId :

SP-24MSD

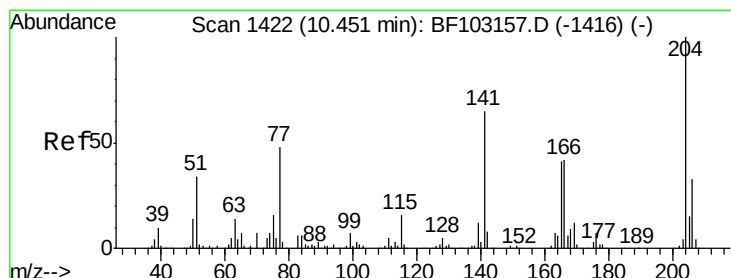
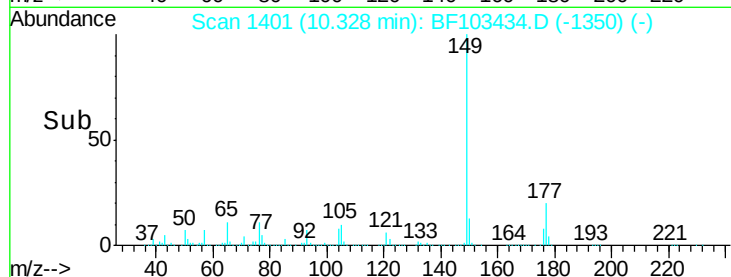
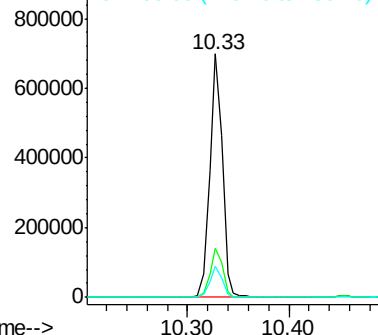
Tot Ion:	149	Resp:	597843
Ion Ratio	Lower	Upper	
149	100		
177	20.1	16.1	24.1
150	12.6	10.1	15.1

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



#60

4-Chlorophenyl-phenylether

Concen: 40.402 ng

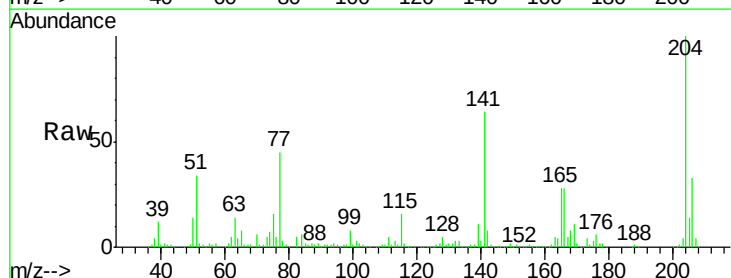
RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

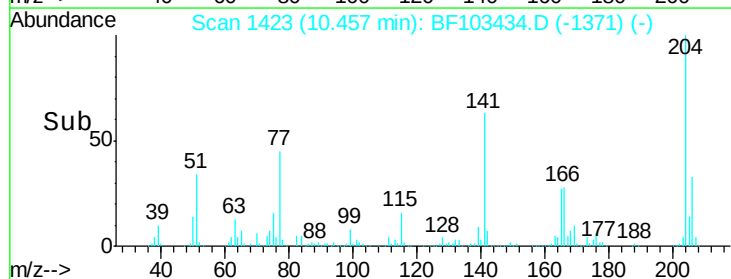
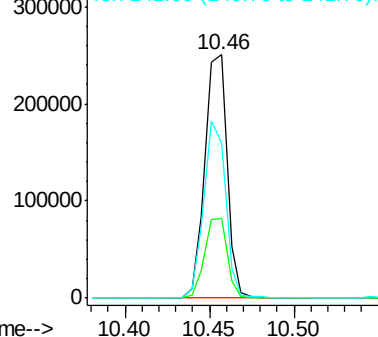
Lab File: BF103434.D

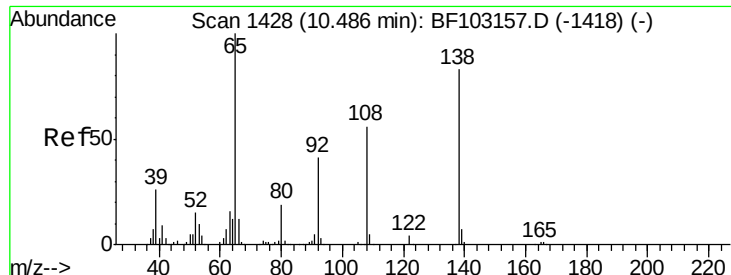
Acq: 6 Mar 2018 2:39

Tgt Ion:	204	Resp:	229185
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.5	39.7
141	63.8	54.6	81.8



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





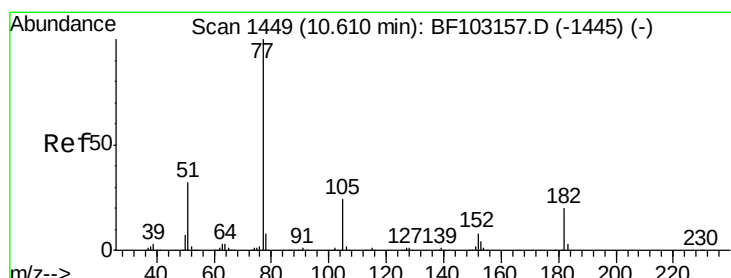
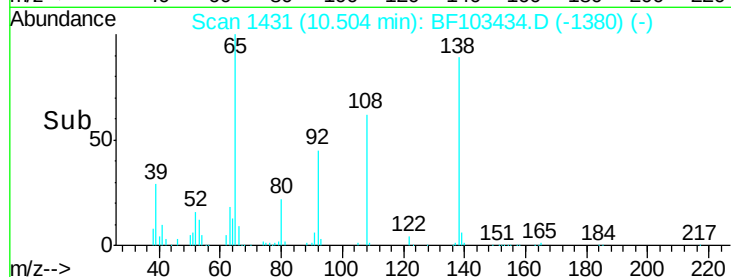
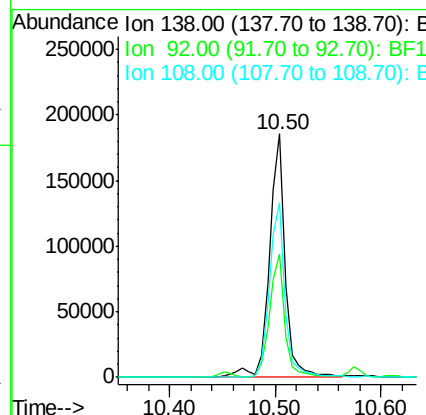
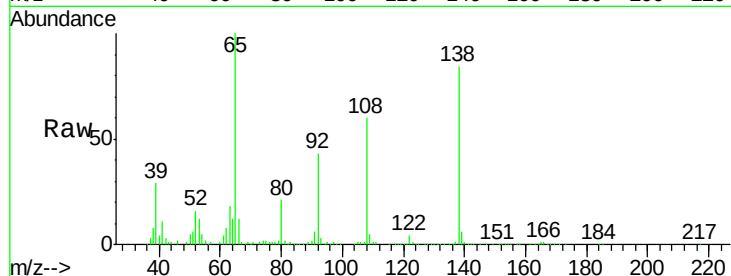
#61
4-Nitroaniline
Concen: 47.568 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampled :
SP-24MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.6	30.2	70.2
108	71.7	52.5	92.5

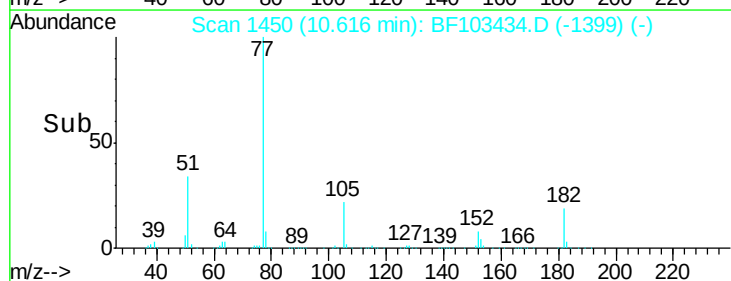
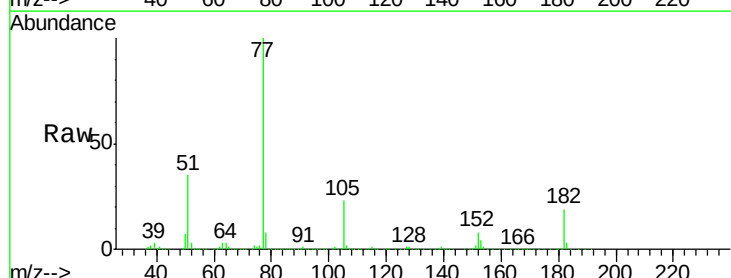
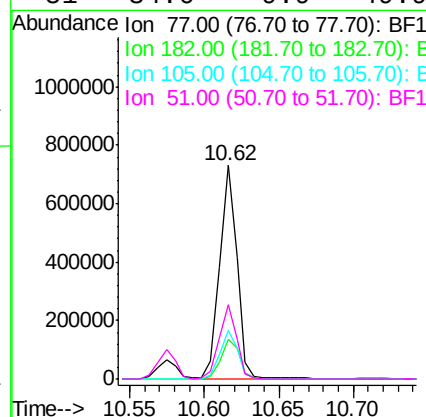
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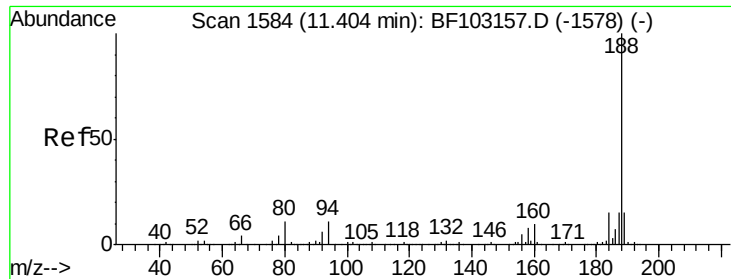
Sohil
3/6/2018 4:24:03 PM



#62
Azobenzene
Concen: 39.166 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.6	1.7	41.7
105	23.0	3.0	43.0
51	34.6	9.9	49.9





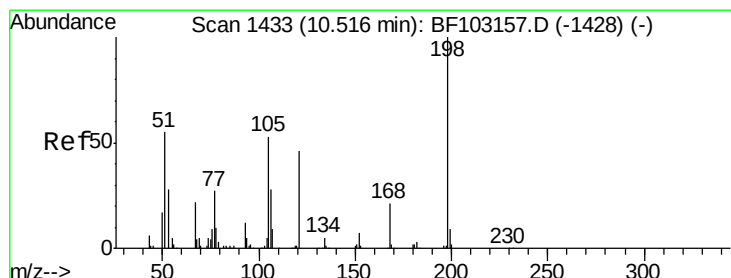
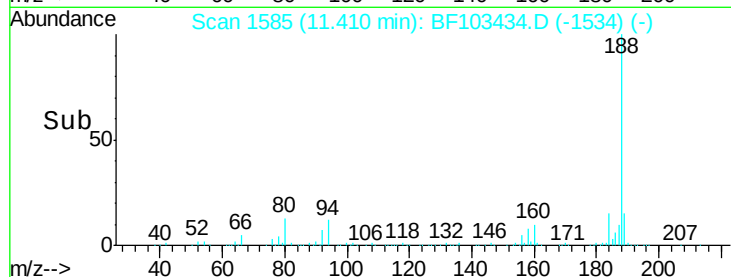
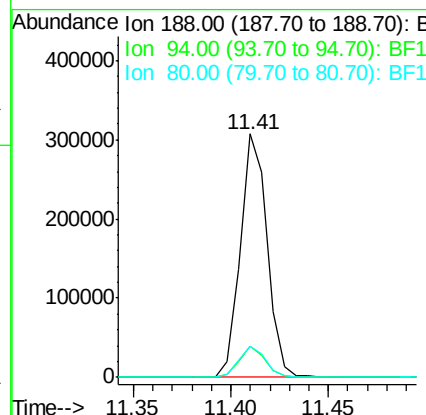
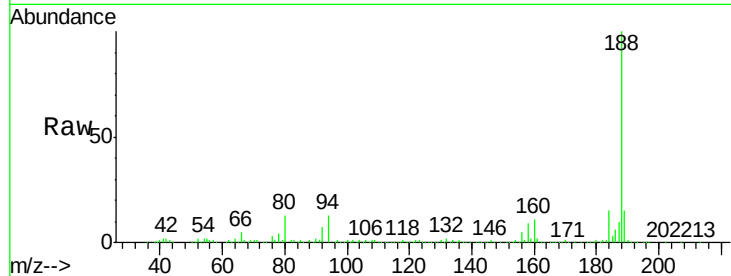
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	291664		
94	12.7		8.5	12.7
80	12.9		9.2	13.8

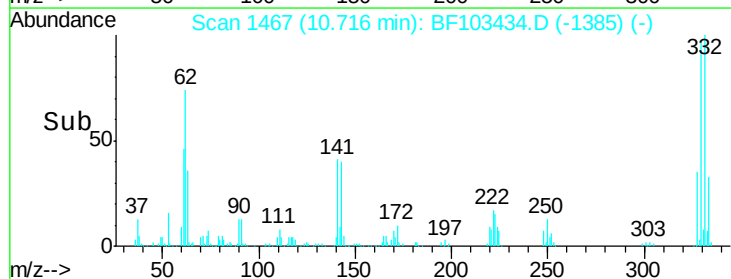
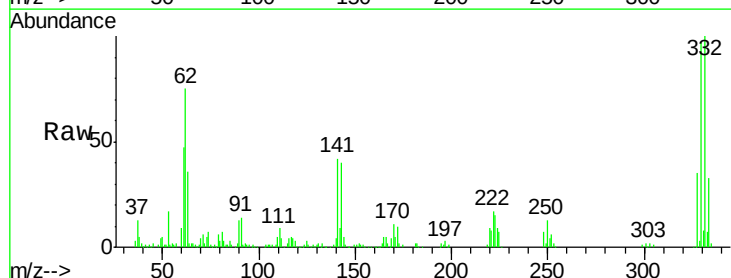
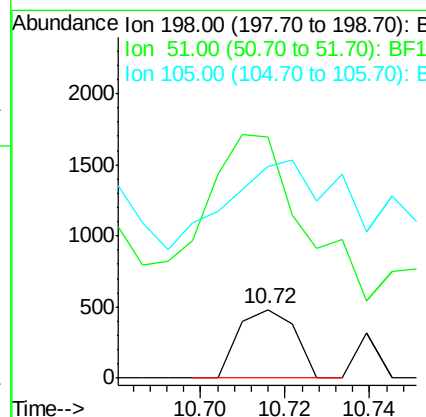
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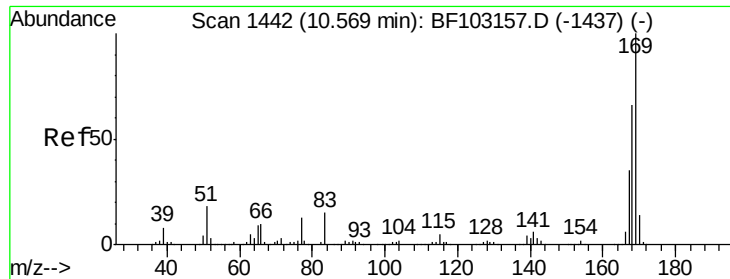
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 5.170 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.18 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	445		
51	350.0		37.7	77.7#
105	306.8		36.3	76.3#





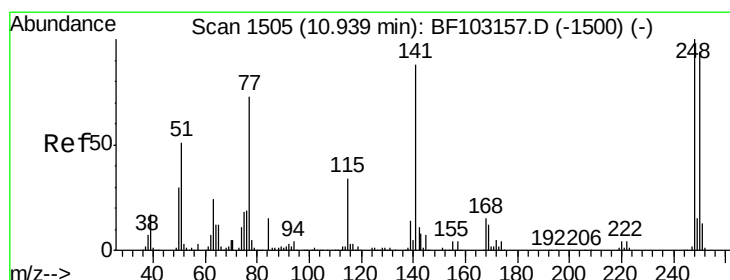
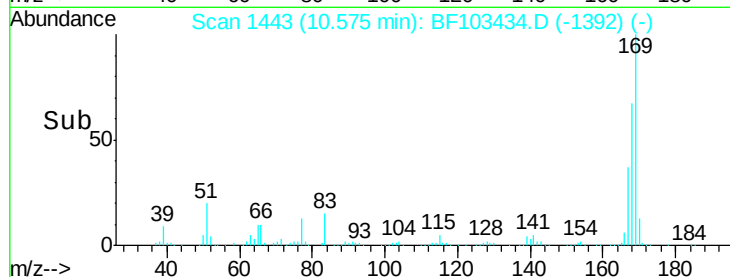
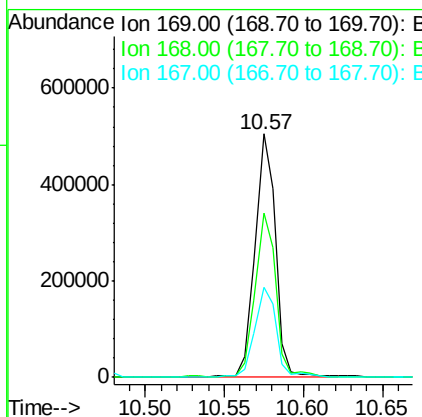
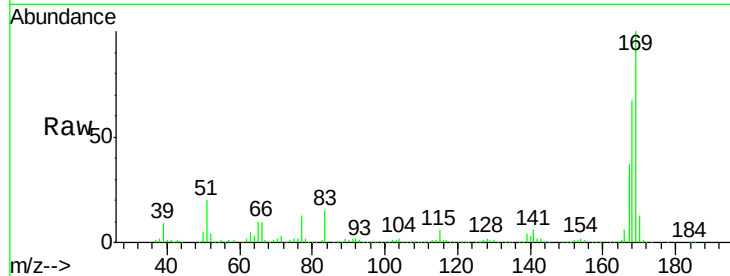
#65
 n-Nitrosodiphenylamine
 Concen: 44.420 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Instrument :
 BNA_F
 ClientSampleId :
 SP-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	451096		
168	67.3	54.4	81.6	
167	36.8	29.8	44.6	

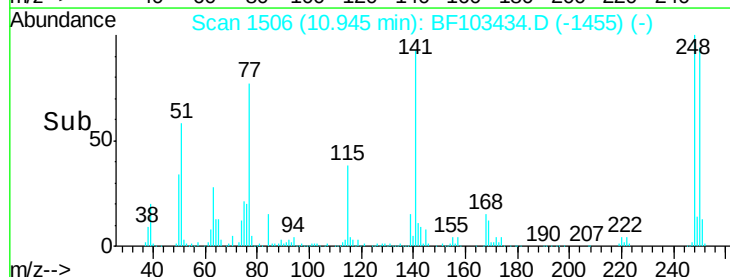
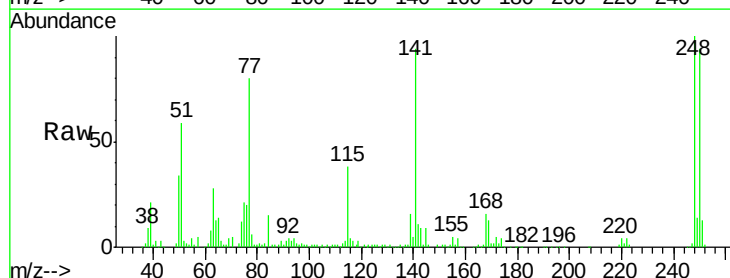
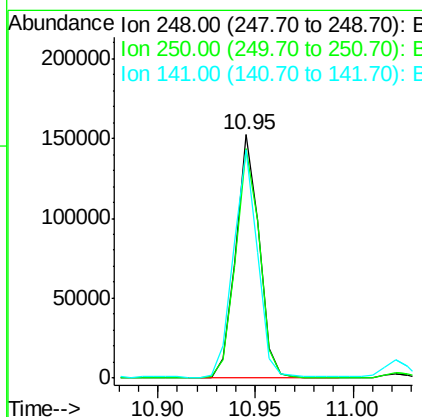
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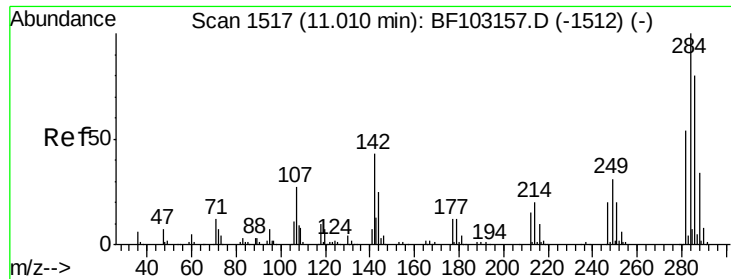
Sohil
 3/6/2018 4:24:03 PM



#66
 4-Bromophenyl-phenylether
 Concen: 41.572 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	126307		
250	94.3	76.9	115.3	
141	93.5	74.4	111.6	





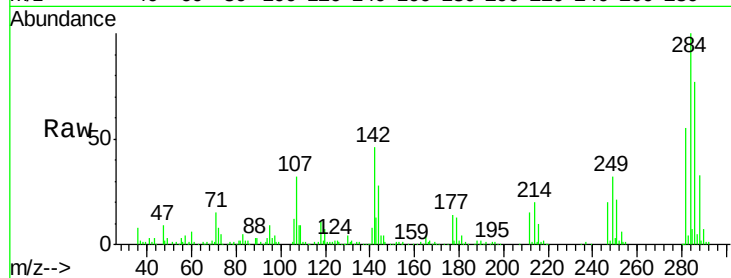
#67
Hexachlorobenzene
Concen: 38.103 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SP-24MSD

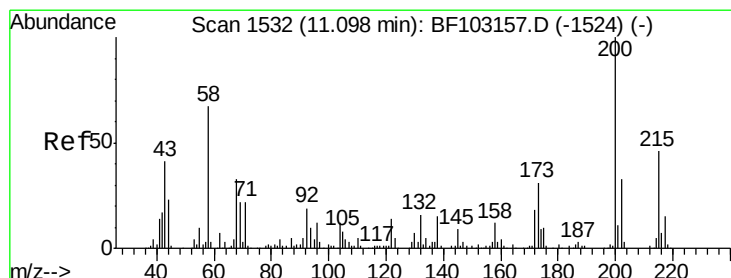
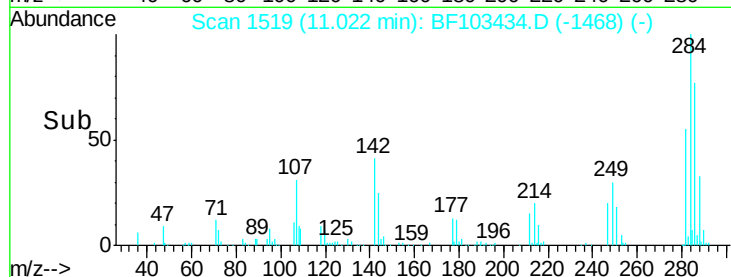
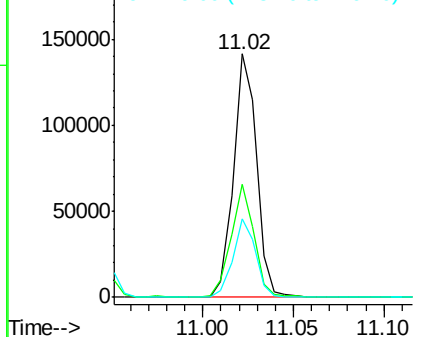
Tot Ion	Ratio	Resp	Lower	Upper
284	100	125654		
142	46.5	34.6	52.0	
249	32.1	24.8	37.2	

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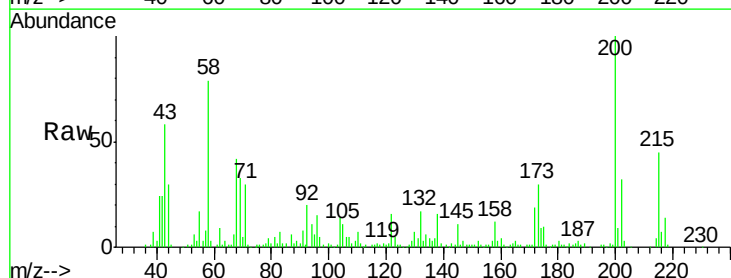


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

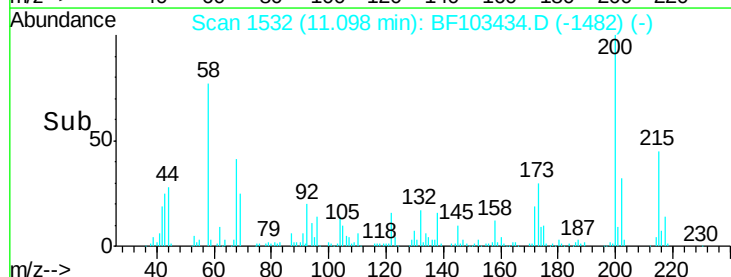
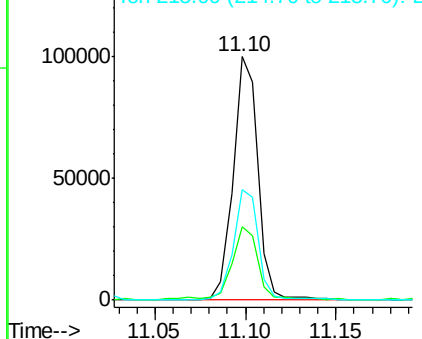


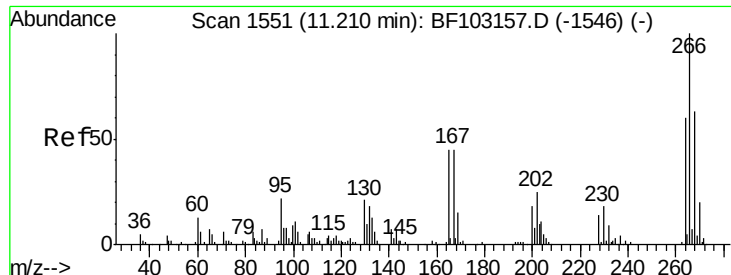
#68
Atrazine
Concen: 30.983 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	94571		
173	30.1	8.6	48.6	
215	45.2	25.1	65.1	



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





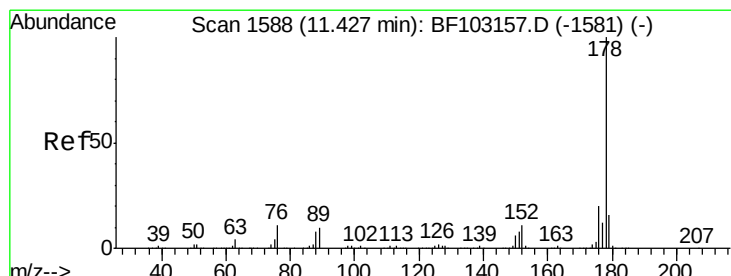
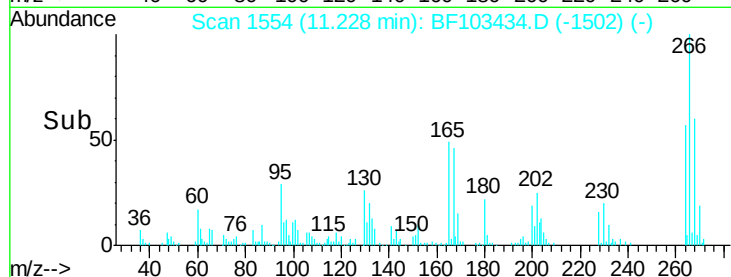
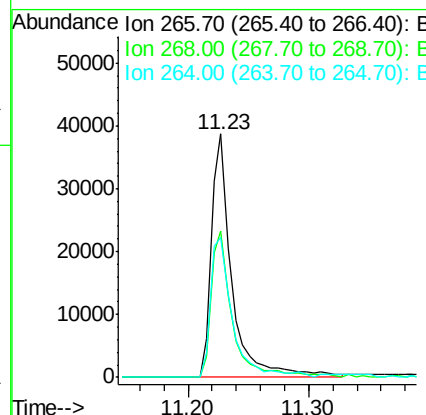
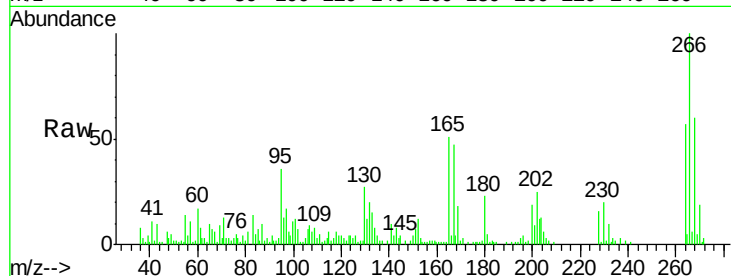
#69
 Pentachlorophenol
 Concen: 28.499 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Instrument :
 BNA_F
 ClientSampled :
 SP-24MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.1	51.1	76.7
264	57.5	49.5	74.3

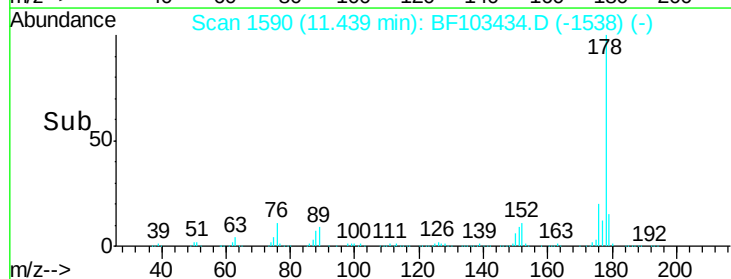
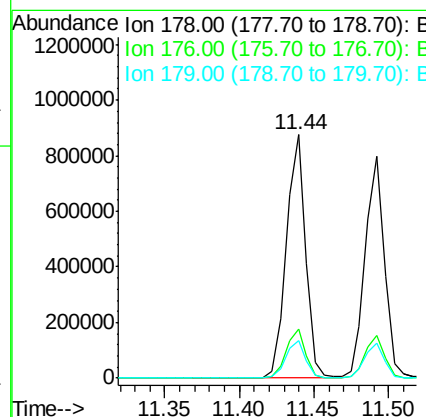
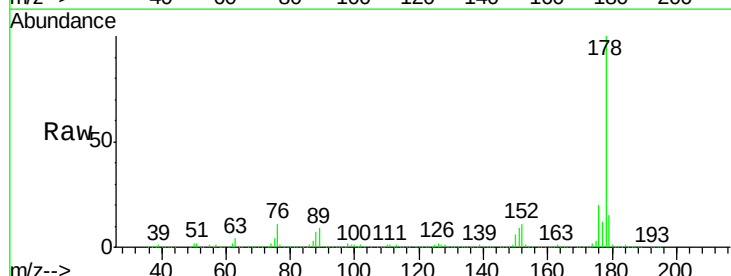
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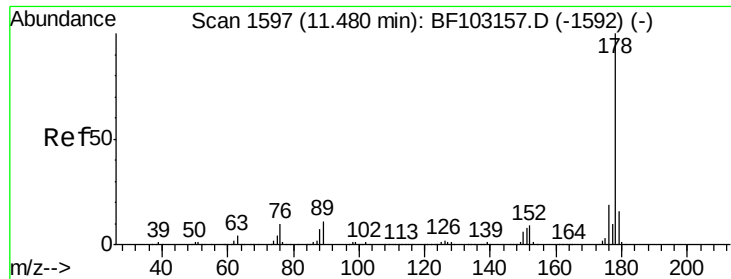
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#70
 Phenanthrene
 Concen: 49.882 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.3	13.0	19.6





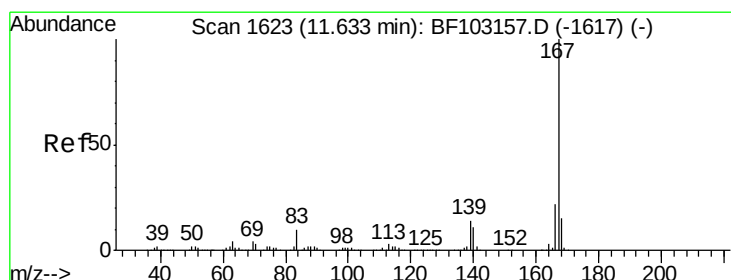
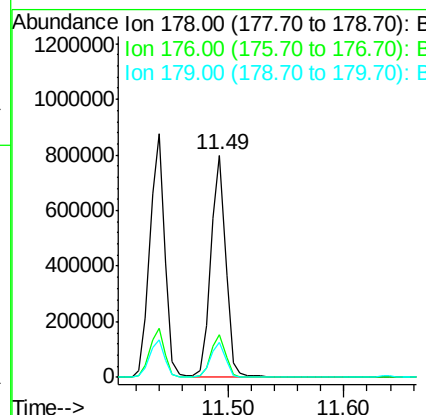
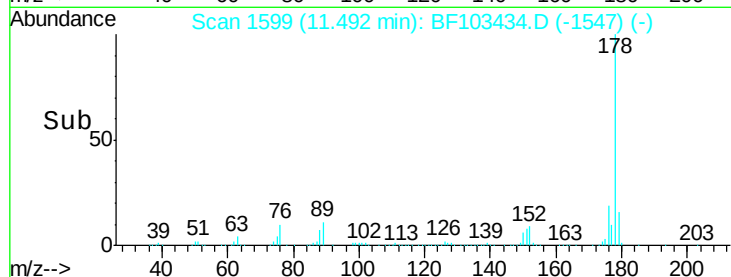
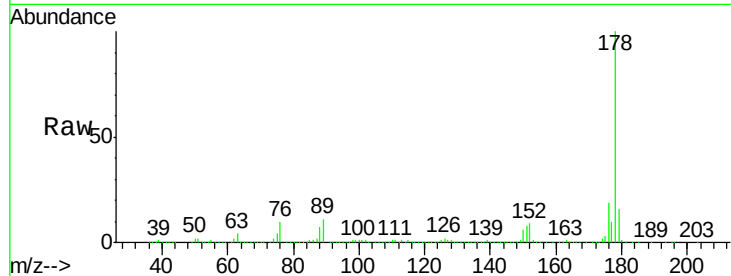
#71
 Anthracene
 Concen: 43.651 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Instrument :
 BNA_F
 ClientSampleId :
 SP-24MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		718475		
176	19.4	15.4	23.2		
179	15.9	12.6	19.0		

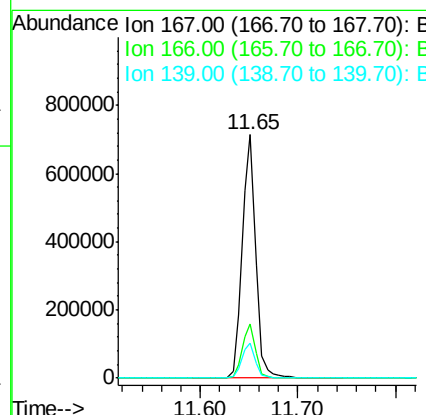
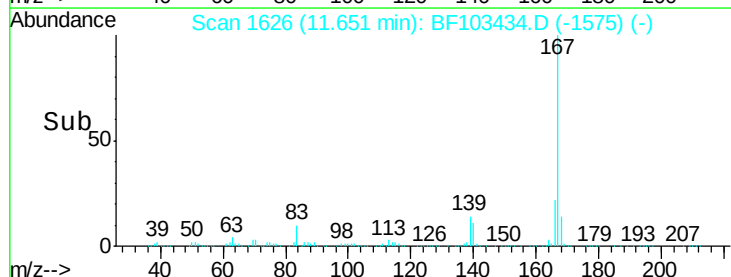
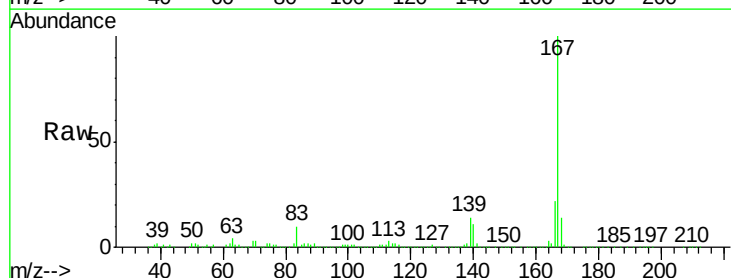
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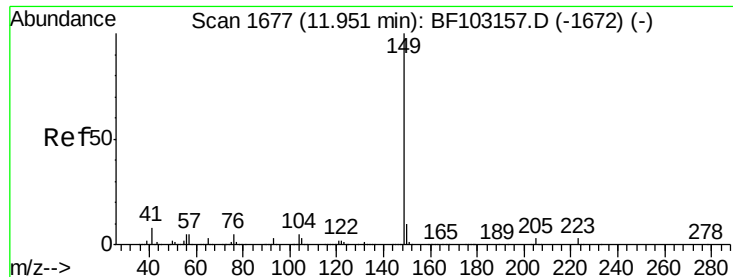
Sohil
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#72
 Carbazole
 Concen: 41.443 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100		679280		
166	22.2	17.6	26.4		
139	14.4	10.9	16.3		





#73

Di-n-butylphthalate

Concen: 42.018 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

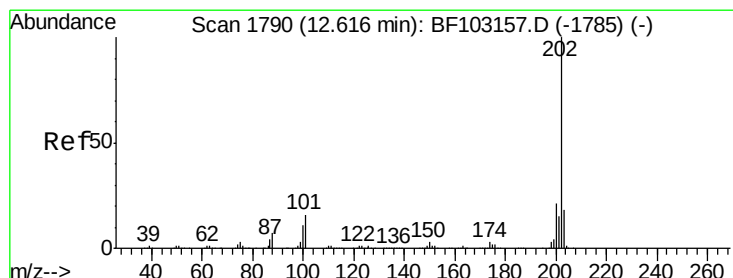
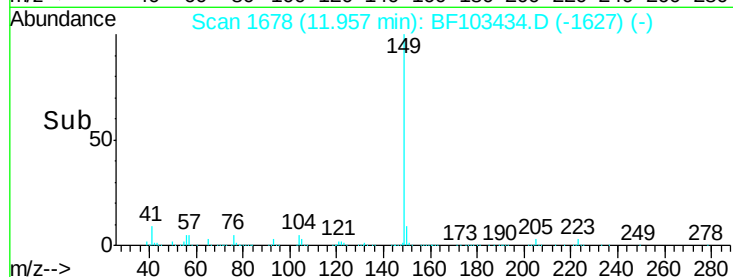
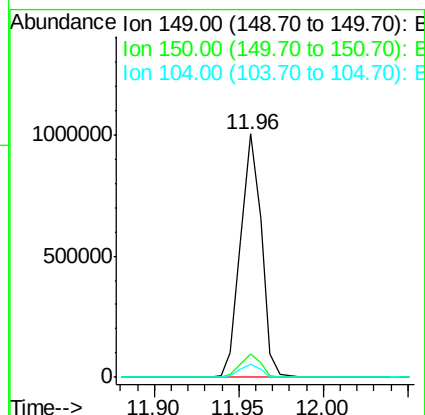
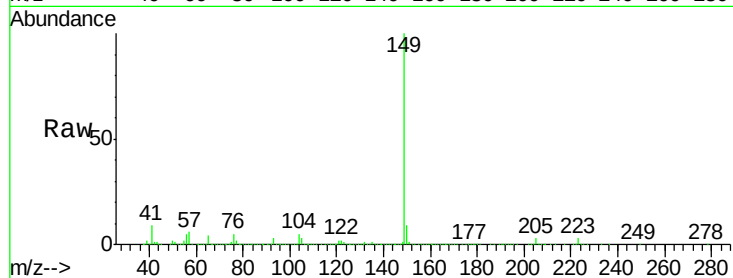
ClientSampled :

SP-24MSD

Tot Ion:	149	Resp:	861787
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	5.3	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 54.968 ng

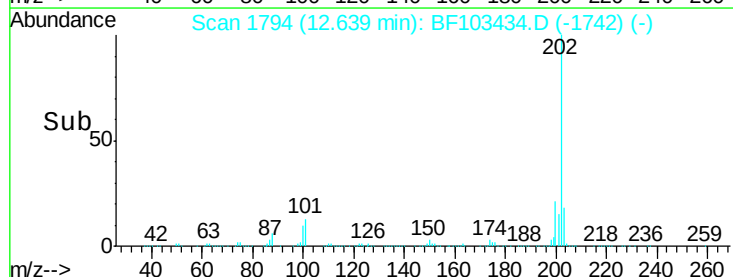
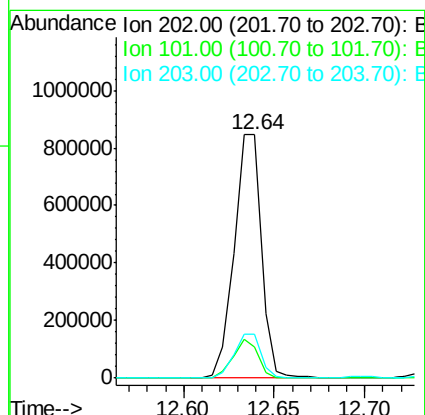
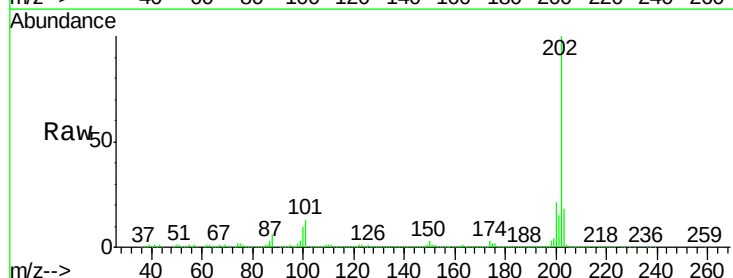
RT: 12.64 min Scan# 1794

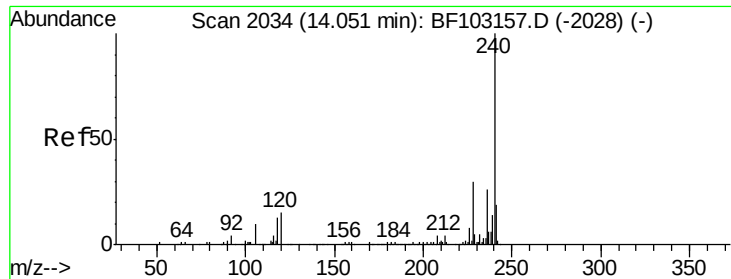
Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Tgt Ion:	202	Resp:	886610
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	34.1
203	17.9	0.0	38.1





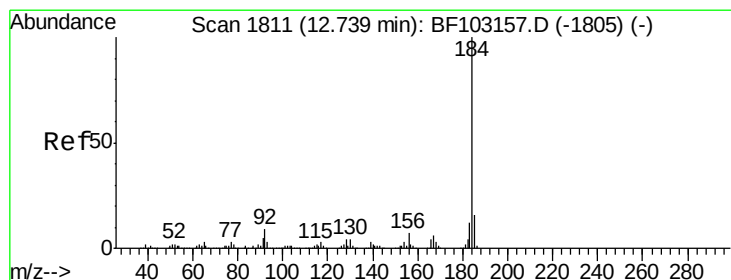
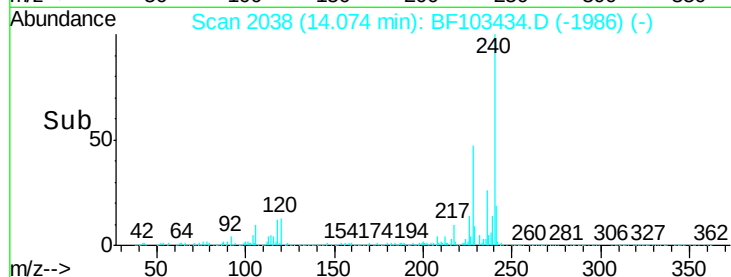
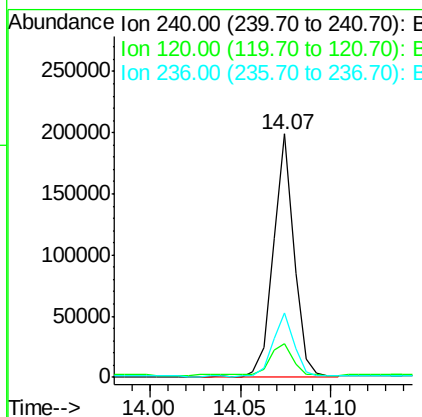
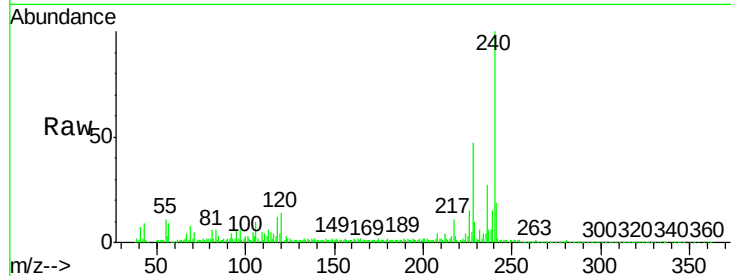
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampled :
SP-24MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	26.7	20.7	31.1

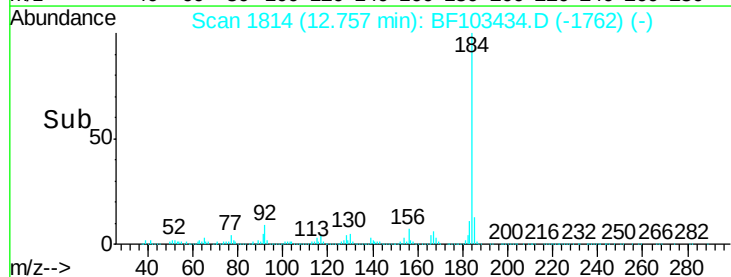
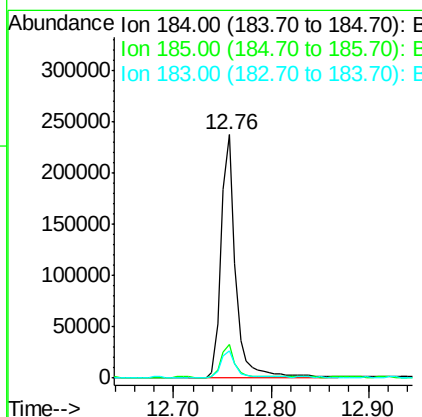
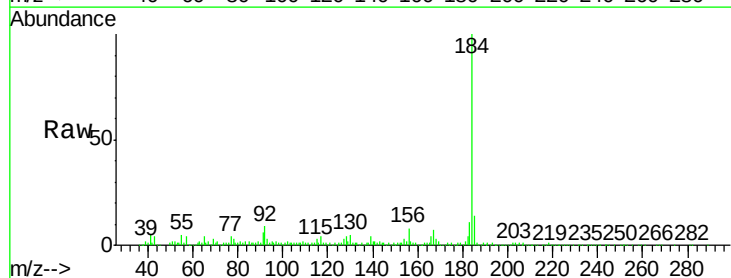
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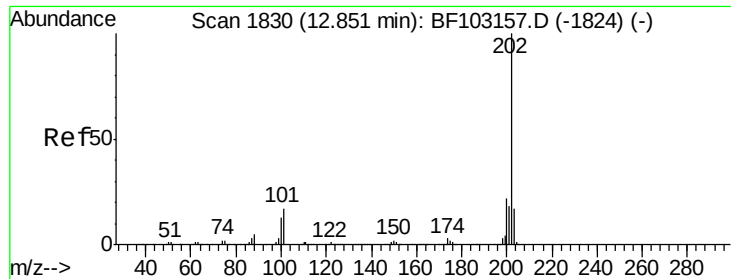
Sohil
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#76
Benzidine
Concen: 41.672 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.6	18.8
183	11.5	9.3	13.9





#77

Pvrene

Concen: 73.091 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

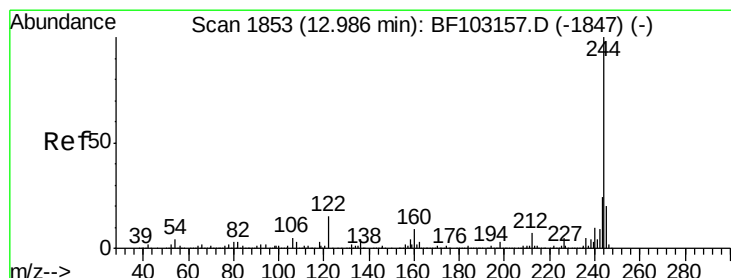
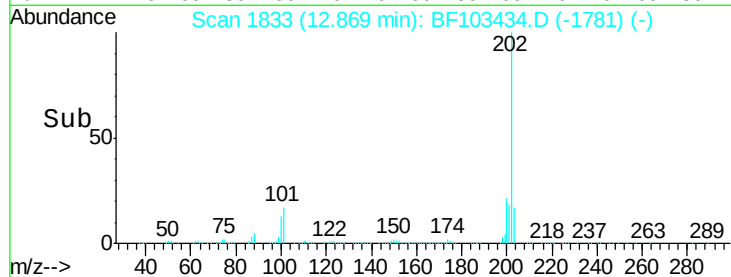
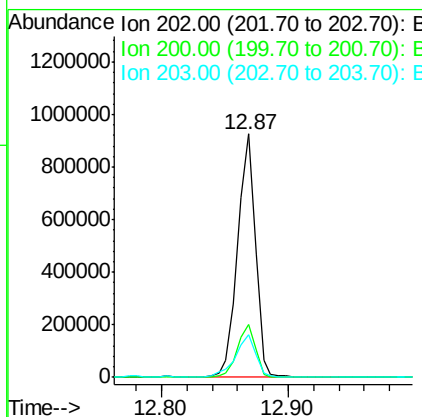
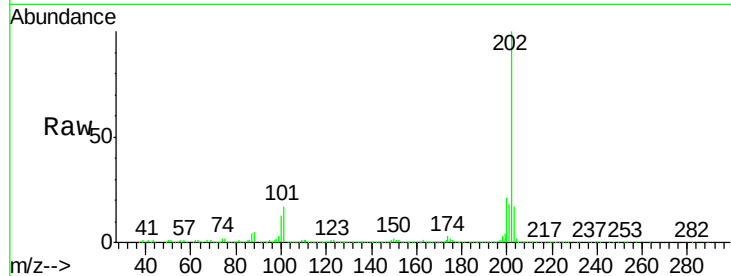
ClientSampleId :

SP-24MSD

Tot Ion:	202	Resp:	894352
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	17.4	14.3	21.5

Manual Integrations
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#78

Terphenyl-d14

Concen: 108.705 ng

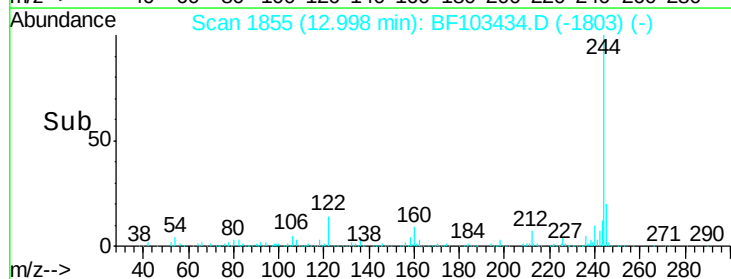
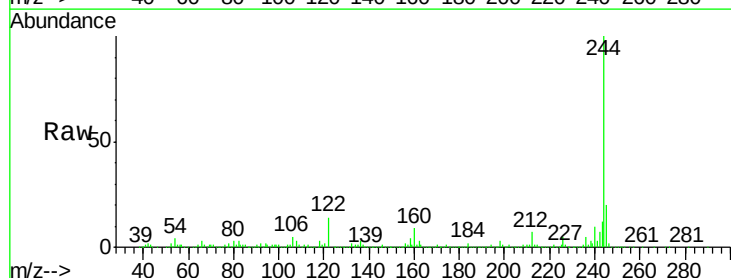
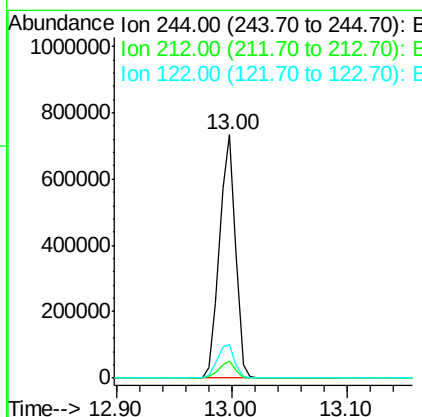
RT: 13.00 min Scan# 1855

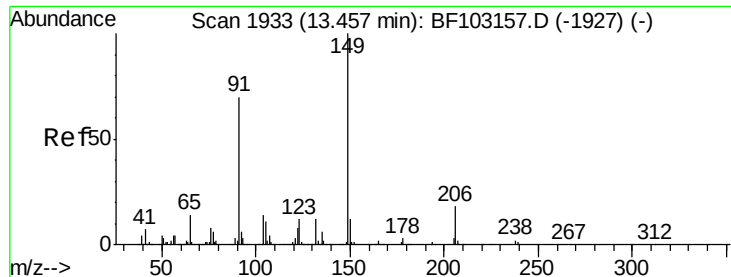
Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Tgt Ion:	244	Resp:	709701
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	14.1	11.0	16.4





#79

Butylbenzylphthalate

Concen: 52.282 ng

RT: 13.46 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

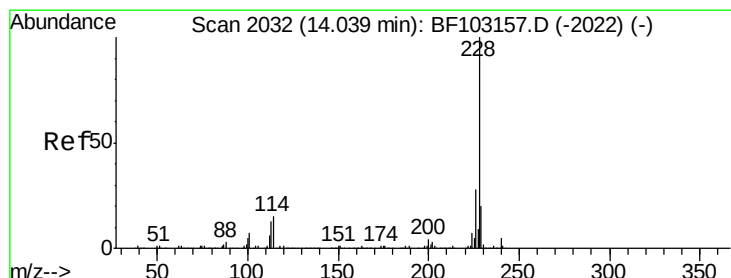
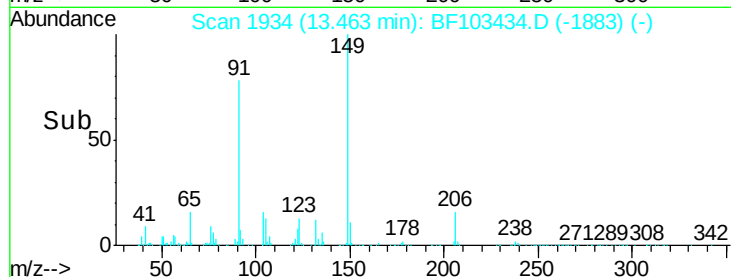
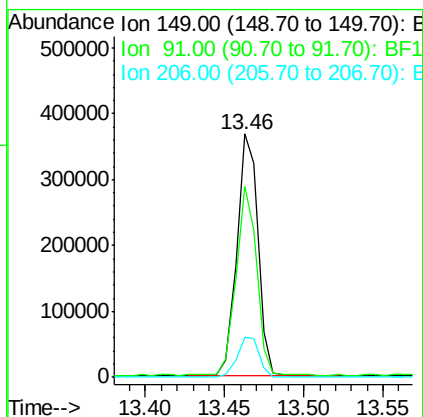
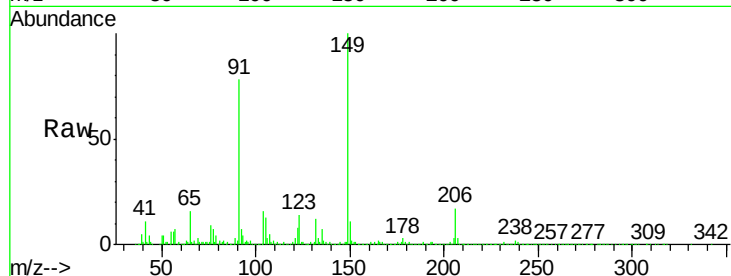
ClientSampled :

SP-24MSD

Tot Ion:	149	Resp:	337991
Ion Ratio	Lower	Upper	
149	100		
91	78.2	56.8	85.2
206	16.6	14.1	21.1

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3/6/2018 4:24:03 PM



#80

Benzo(a)anthracene

Concen: 54.119 ng

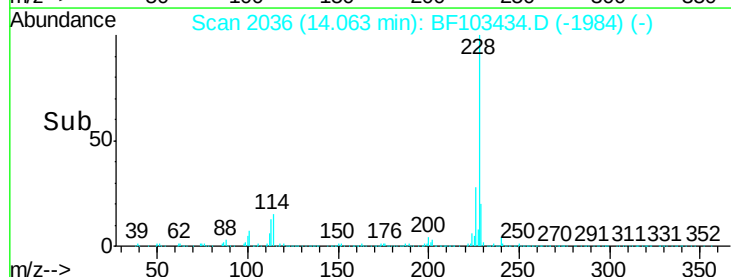
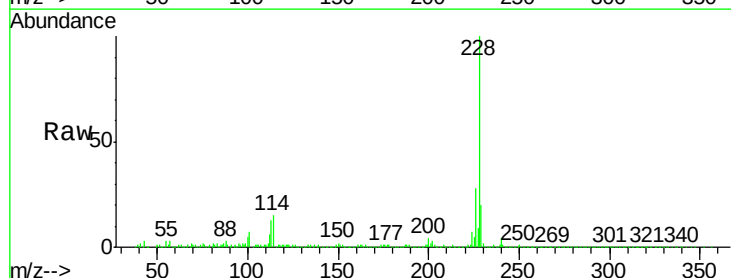
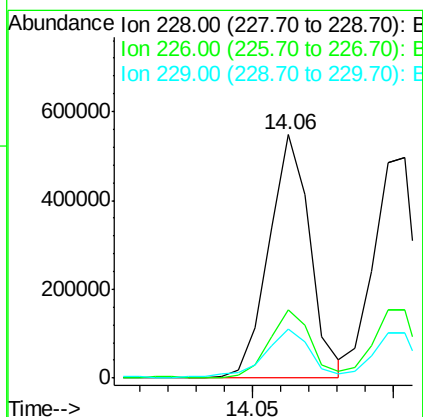
RT: 14.06 min Scan# 2036

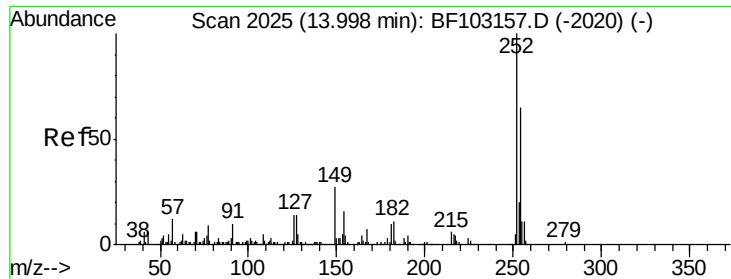
Delta R.T. 0.01 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Tgt Ion:	228	Resp:	551091
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.6	33.8
229	20.2	15.8	23.6





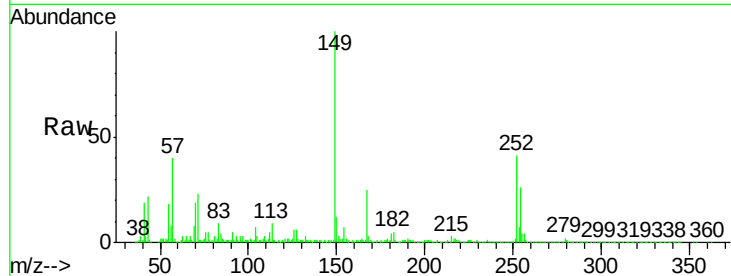
#81
3,3'-Dichlorobenzidine
Concen: 39.309 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SP-24MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.1	50.4	75.6
126	14.3	11.3	16.9

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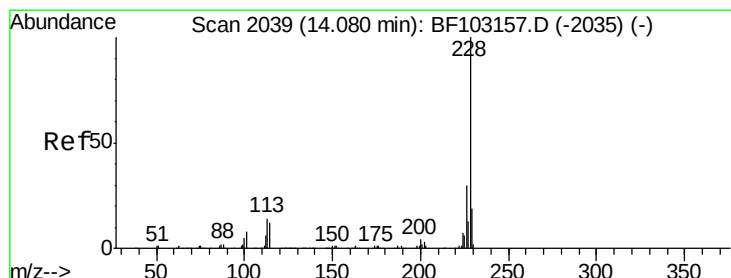
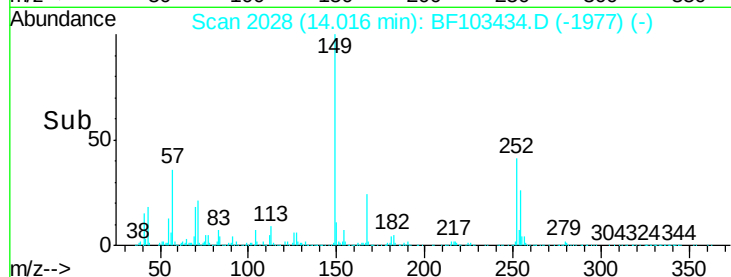
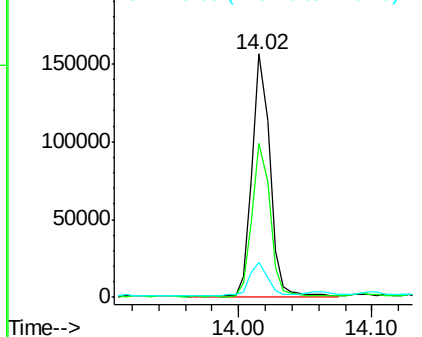


Abundance

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: 51.398 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

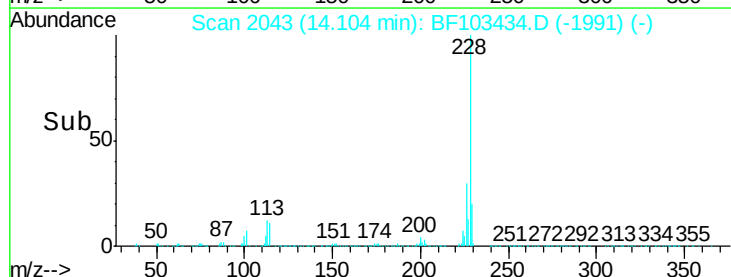
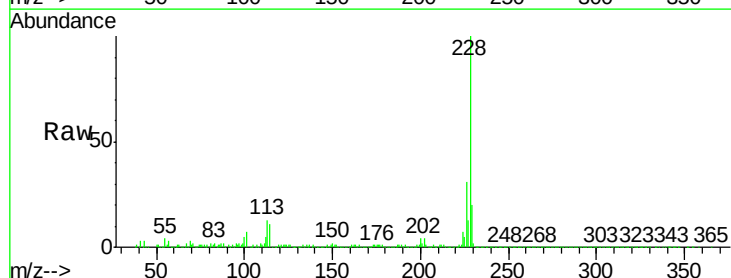
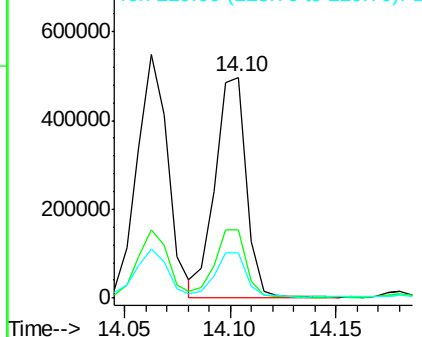
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.7	25.0	37.6
229	20.2	16.2	24.4

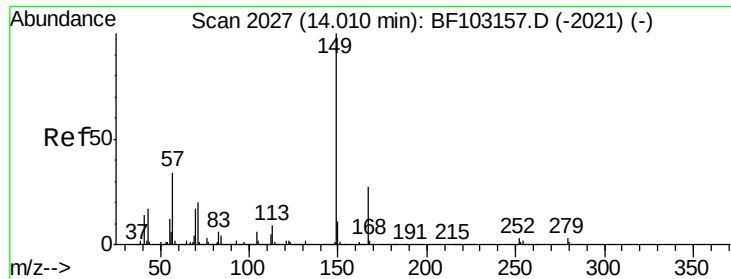
Abundance

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





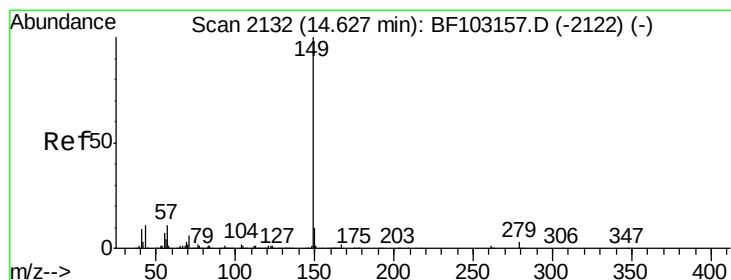
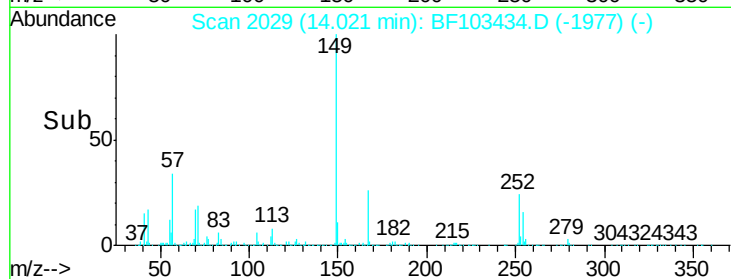
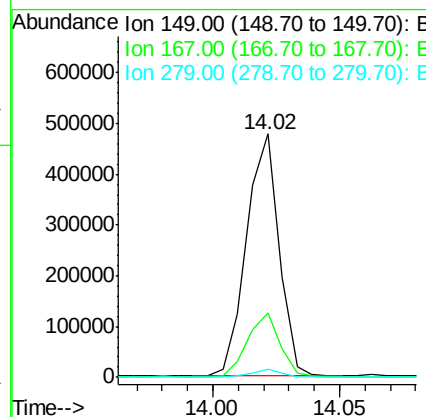
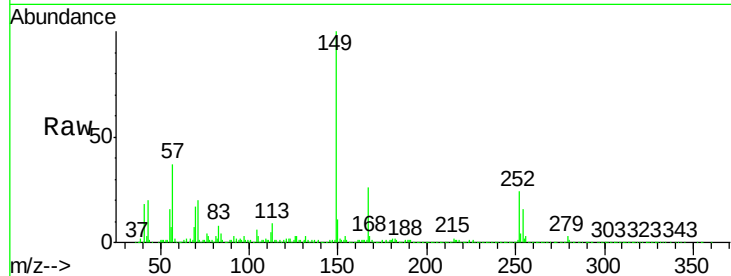
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.656 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Instrument :
 BNA_F
 ClientSampleId :
 SP-24MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.1	3.0	4.4

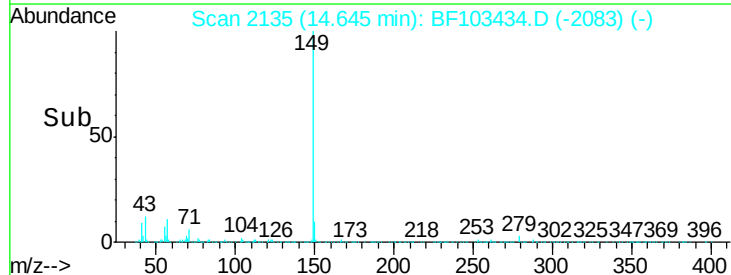
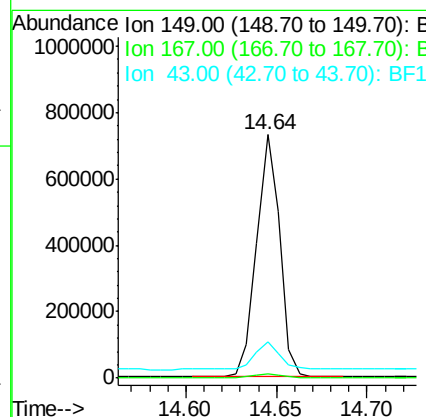
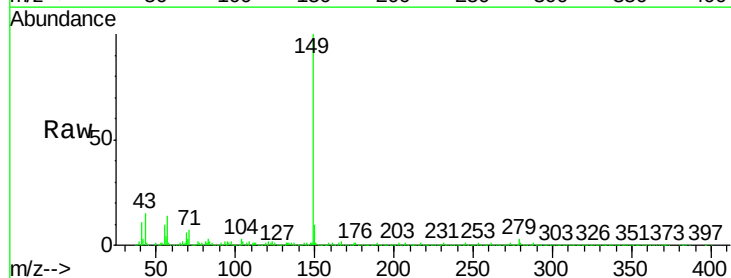
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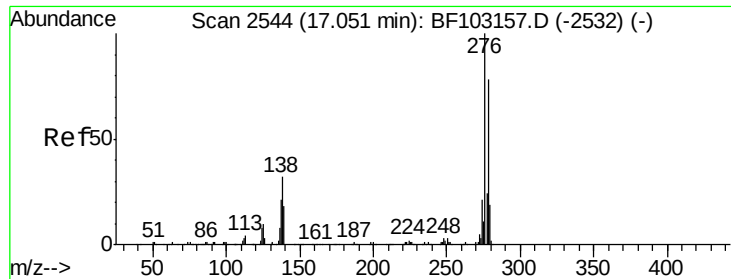
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 3/6/2018 4:24:03 PM



#84
 Di-n-octyl phthalate
 Concen: 45.907 ng
 RT: 14.64 min Scan# 2135
 Delta R.T. 0.01 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.3	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.590 ng

RT: 17.15 min Scan# 2561

Delta R.T. 0.02 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Instrument :

BNA_F

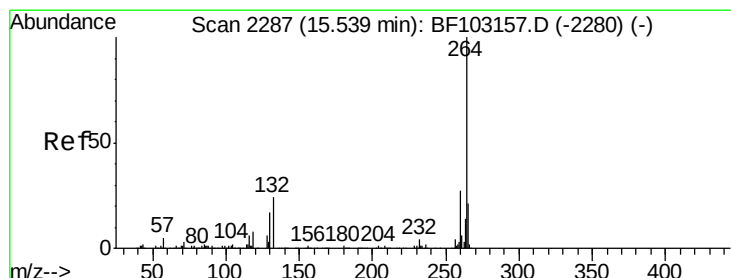
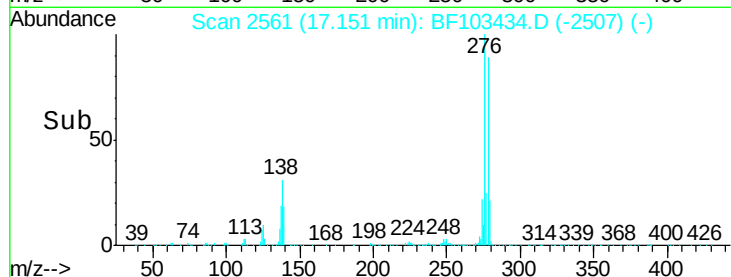
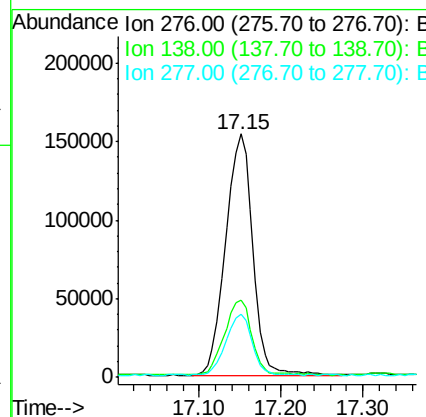
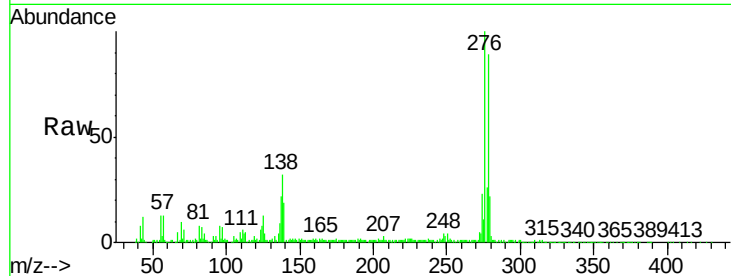
ClientSampleId :

SP-24MSD

Tot Ion:	276	Resp:	356863
Ion Ratio	Lower	Upper	
276	100		
138	30.2	25.0	37.6
277	24.1	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

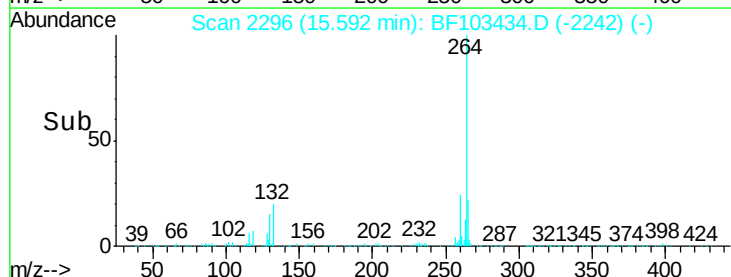
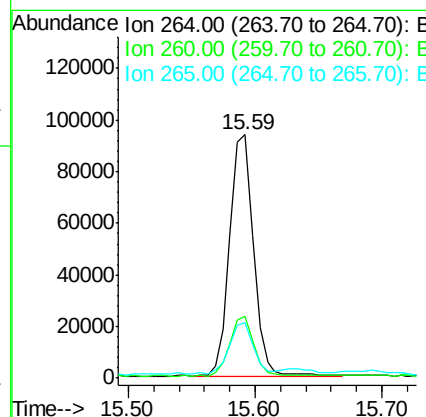
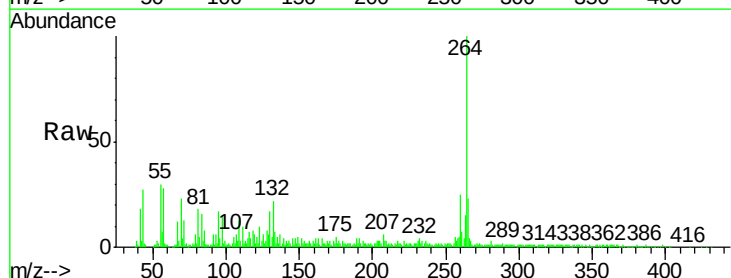
RT: 15.59 min Scan# 2296

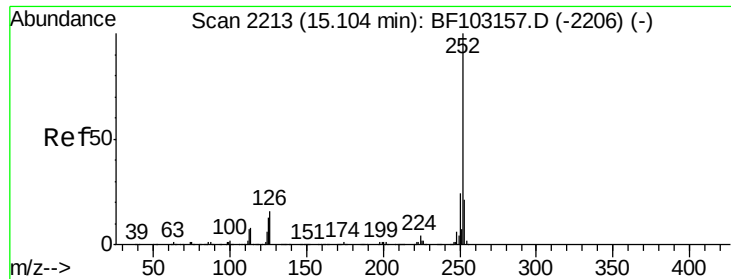
Delta R.T. 0.02 min

Lab File: BF103434.D

Acq: 6 Mar 2018 2:39

Tgt Ion:	264	Resp:	122202
Ion Ratio	Lower	Upper	
264	100		
260	25.4	19.2	28.8
265	23.0	17.5	26.3





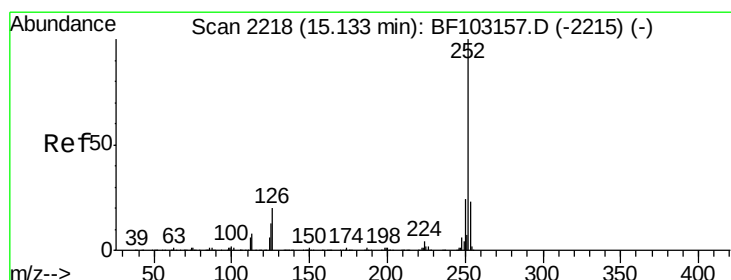
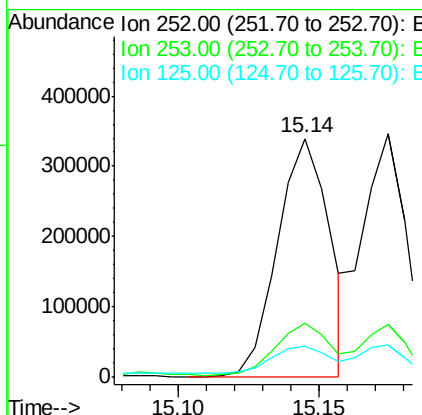
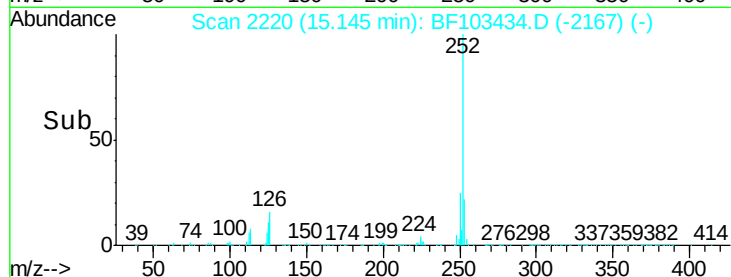
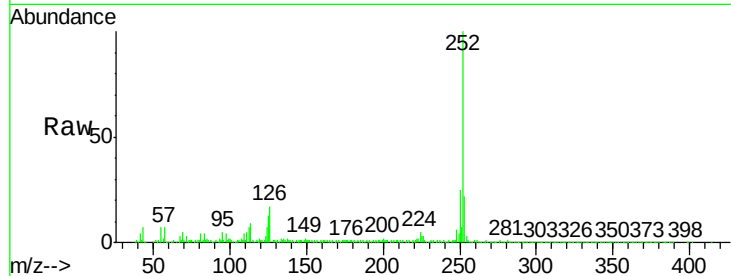
#87
Benzo(b)fluoranthene
Concen: 53.568 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SP-24MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	13.3	9.0	13.6

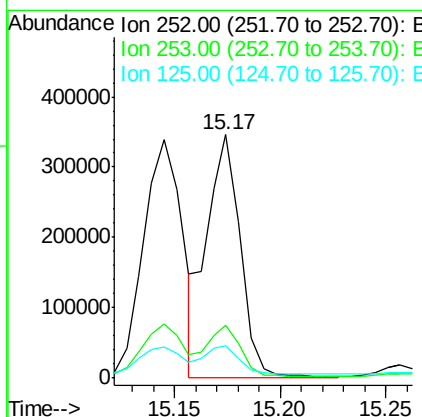
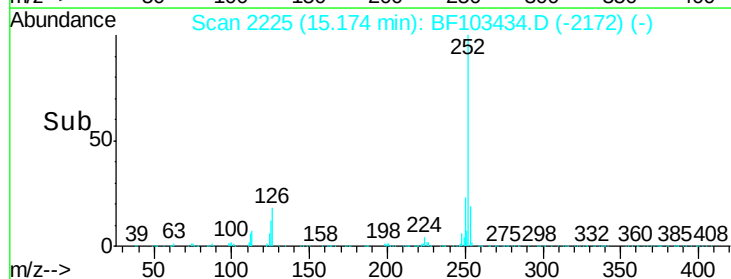
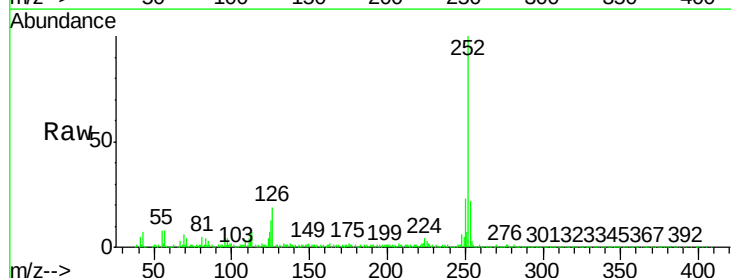
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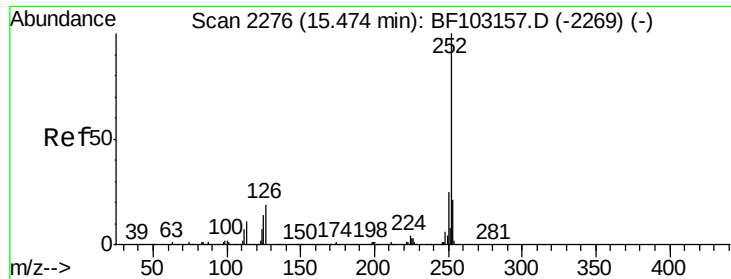
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3/6/2018 4:24:03 PM



#88
Benzo(k)fluoranthene
Concen: 49.832 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	13.5	10.2	15.2





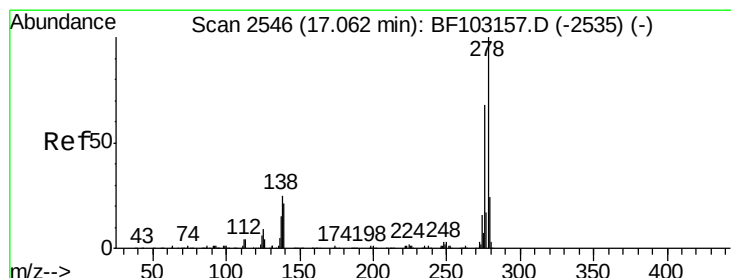
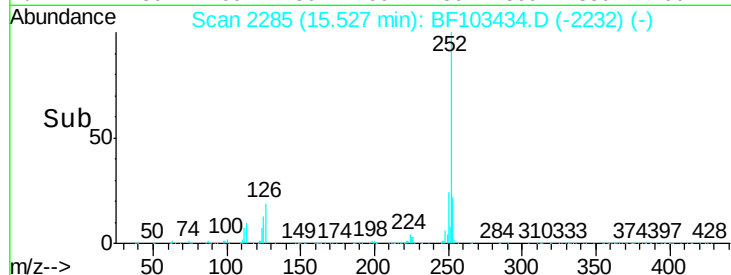
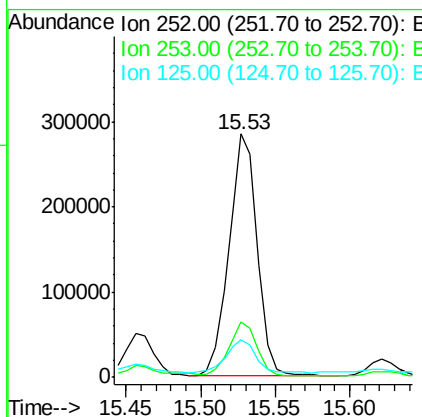
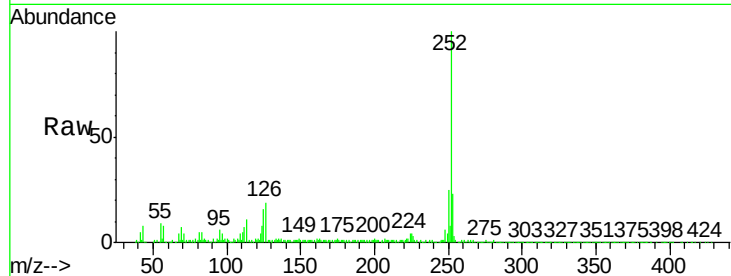
#89
Benzo(a)pyrene
Concen: 52.701 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
SP-24MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	15.6	9.8	14.6

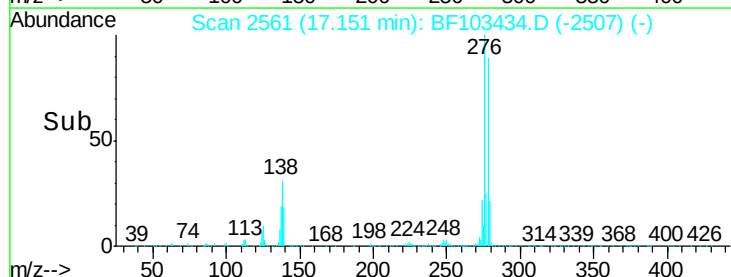
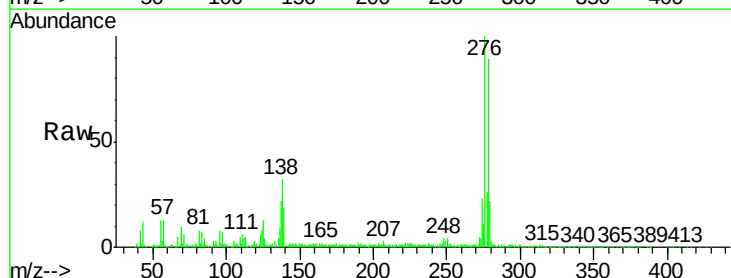
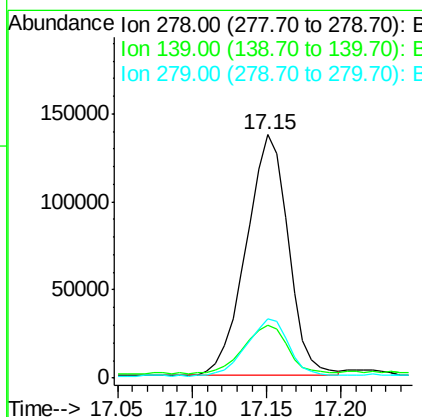
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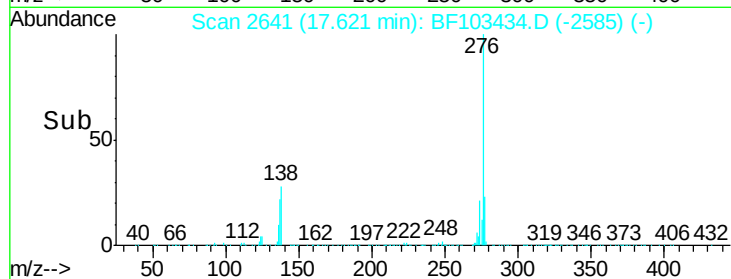
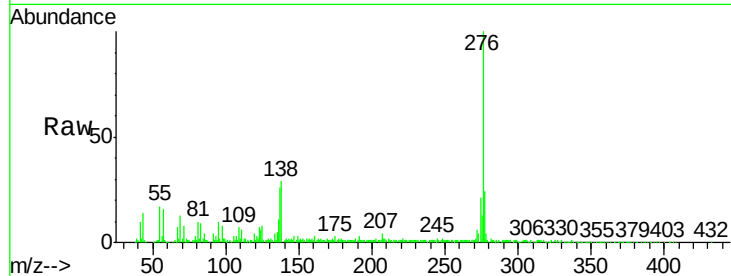
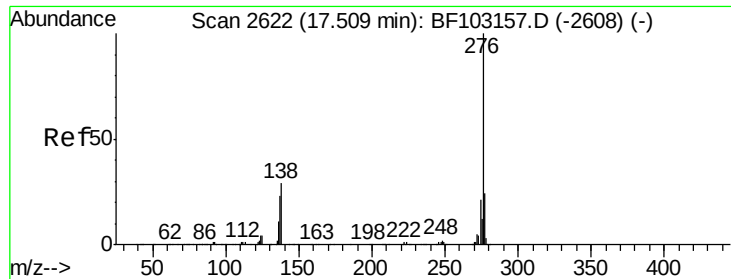
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#90
Dibenzo(a,h)anthracene
Concen: 48.087 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.02 min
Lab File: BF103434.D
Acq: 6 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.9	23.9
279	24.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 54.964 ng
 RT: 17.62 min Scan# 2641
 Delta R.T. 0.03 min
 Lab File: BF103434.D
 Acq: 6 Mar 2018 2:39

Instrument :
 BNA_F
 ClientSampleId :
 SP-24MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	28.7	21.8	32.8

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