

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103086.D
 Acq On : 19 Feb 2018 16:58
 Operator : SJ/JU
 Sample : J1606-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BROOKMSD

Manual Integrations
 APPROVED

Sohil
 2/20/2018 10:20:35 AM

Quant Time: Feb 19 17:51:41 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	185488	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	759149	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	333579	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	522162	20.00	ng	0.00
75) Chrysene-d12	14.06	240	301891	20.00	ng	0.00
86) Perylene-d12	15.54	264	327459	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1472334	120.55	ng	0.02
7) Phenol-d6	6.52	99	1780603	121.08	ng	0.01
23) Nitrobenzene-d5	7.45	82	1164010	106.37	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	338711	126.15	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1644673	81.81	ng	0.00
78) Terphenyl-d14	12.99	244	1191631	93.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	225432	37.368	ng	89
3) Pyridine	3.49	79	619066	37.142	ng	93
4) n-Nitrosodimethylamine	3.44	42	324630	45.522	ng	99
6) Aniline	6.55	93	631197	29.063	ng	94
8) 2-Chlorophenol	6.67	128	545199	43.358	ng	94
9) Benzaldehyde	6.43	77	102995	9.431	ng	98
10) Phenol	6.53	94	694009	44.035	ng	86
11) bis(2-Chloroethyl)ether	6.62	93	560333	42.726	ng	91
12) 1,3-Dichlorobenzene	6.82	146	571518	39.249	ng	99
13) 1,4-Dichlorobenzene	6.90	146	580428	40.016	ng	99
14) 1,2-Dichlorobenzene	7.05	146	528101	39.089	ng	100
15) Benzyl Alcohol	7.02	79	476049	42.104	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	961277	38.586	ng	98
17) 2-Methylphenol	7.13	107	482288	41.581	ng	98
18) Hexachloroethane	7.39	117	213989	43.022	ng	91
19) n-Nitroso-di-n-propylamine	7.30	70	367581	37.910	ng	97
20) 3+4-Methylphenols	7.29	107	527397	36.873	ng	# 74
22) Acetophenone	7.29	105	717655	38.631	ng	# 91
24) Nitrobenzene	7.47	77	606723	47.137	ng	97
25) Isophorone	7.70	82	1135717	45.070	ng	99
26) 2-Nitrophenol	7.78	139	318669	58.045	ng	98
27) 2,4-Dimethylphenol	7.82	122	497697	46.750	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	700152	46.903	ng	100
29) 2,4-Dichlorophenol	8.02	162	457867	47.311	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	437571	39.967	ng	99
31) Naphthalene	8.19	128	1520893	41.005	ng	100
32) Benzoic acid	7.95	122	301951	42.291	ng	99
33) 4-Chloroaniline	8.23	127	268437	16.800	ng	99
34) Hexachlorobutadiene	8.30	225	222859	39.724	ng	98
35) Caprolactam	8.61	113	163113m	48.531	ng	
36) 4-Chloro-3-methylphenol	8.72	107	508812	46.792	ng	98
37) 2-Methylnaphthalene	8.87	142	1007015	41.469	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	386536	42.557	ng	98
40) Hexachlorocyclopentadiene	9.02	237	171639	39.752	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	287186	48.139	ng	100
43) 2,4,5-Trichlorophenol	9.20	196	297195	44.199	ng	97
45) 1,1'-Biphenyl	9.34	154	1134687	40.385	ng	99
46) 2-Chloronaphthalene	9.37	162	911191	41.194	ng	98
47) 2-Nitroaniline	9.46	65	348705	50.865	ng	91
48) Acenaphthylene	9.79	152	1340022	39.005	ng	99
49) Dimethylphthalate	9.64	163	1226799	47.167	ng	100
50) 2,6-Dinitrotoluene	9.70	165	249034	50.326	ng	95
51) Acenaphthene	9.96	154	778080	37.871	ng	99
52) 3-Nitroaniline	9.87	138	208604	34.260	ng	99
53) 2,4-Dinitrophenol	9.99	184	149507	85.583	ng	# 19
54) Dibenzofuran	10.13	168	1159365	40.041	ng	97
55) 4-Nitrophenol	10.05	139	396358	79.253	ng	93
56) 2,4-Dinitrotoluene	10.11	165	319938	48.195	ng	96
57) Fluorene	10.47	166	876877	41.624	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	215581	46.259	ng	97
59) Diethylphthalate	10.34	149	1050427	40.901	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	398934	42.808	ng	99
61) 4-Nitroaniline	10.49	138	272207	46.968	ng	95
62) Azobenzene	10.62	77	1017238	39.648	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	112239	50.650	ng	95
65) n-Nitrosodiphenylamine	10.58	169	818933	44.463	ng	99
66) 4-Bromophenyl-phenylether	10.95	248	245326	44.415	ng	# 88
67) Hexachlorobenzene	11.02	284	248491	40.780	ng	99
68) Atrazine	11.10	200	247114	45.479	ng	99
69) Pentachlorophenol	11.22	266	241189	67.428	ng	99
70) Phenanthrene	11.43	178	1167693	40.153	ng	99
71) Anthracene	11.49	178	1199464	40.552	ng	100
72) Carbazole	11.64	167	1146081	39.551	ng	98
73) Di-n-butylphthalate	11.96	149	1501470	42.656	ng	100
74) Fluoranthene	12.62	202	1036206	35.415	ng	98
76) Benzidine	12.74	184	383195	27.618	ng	98
77) Pyrene	12.86	202	1037987	43.847	ng	98
79) Butylbenzylphthalate	13.46	149	547767	48.366	ng	96
80) Benzo(a)anthracene	14.04	228	831705	43.806	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	296145	42.068	ng	97
82) Chrysene	14.08	228	798144	41.703	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	737752	50.873	ng	98
84) Di-n-octyl phthalate	14.64	149	1252789	57.534	ng	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	812791	51.204	ng	98
87) Benzo(b)fluoranthene	15.11	252	930045	43.807	ng	97
88) Benzo(k)fluoranthene	15.14	252	761175	37.523	ng	99
89) Benzo(a)pyrene	15.49	252	828562	43.358	ng	97
90) Dibenzo(a,h)anthracene	17.07	278	681139	43.913	ng	98
91) Benzo(g,h,i)perylene	17.52	276	665180	43.814	ng	95

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

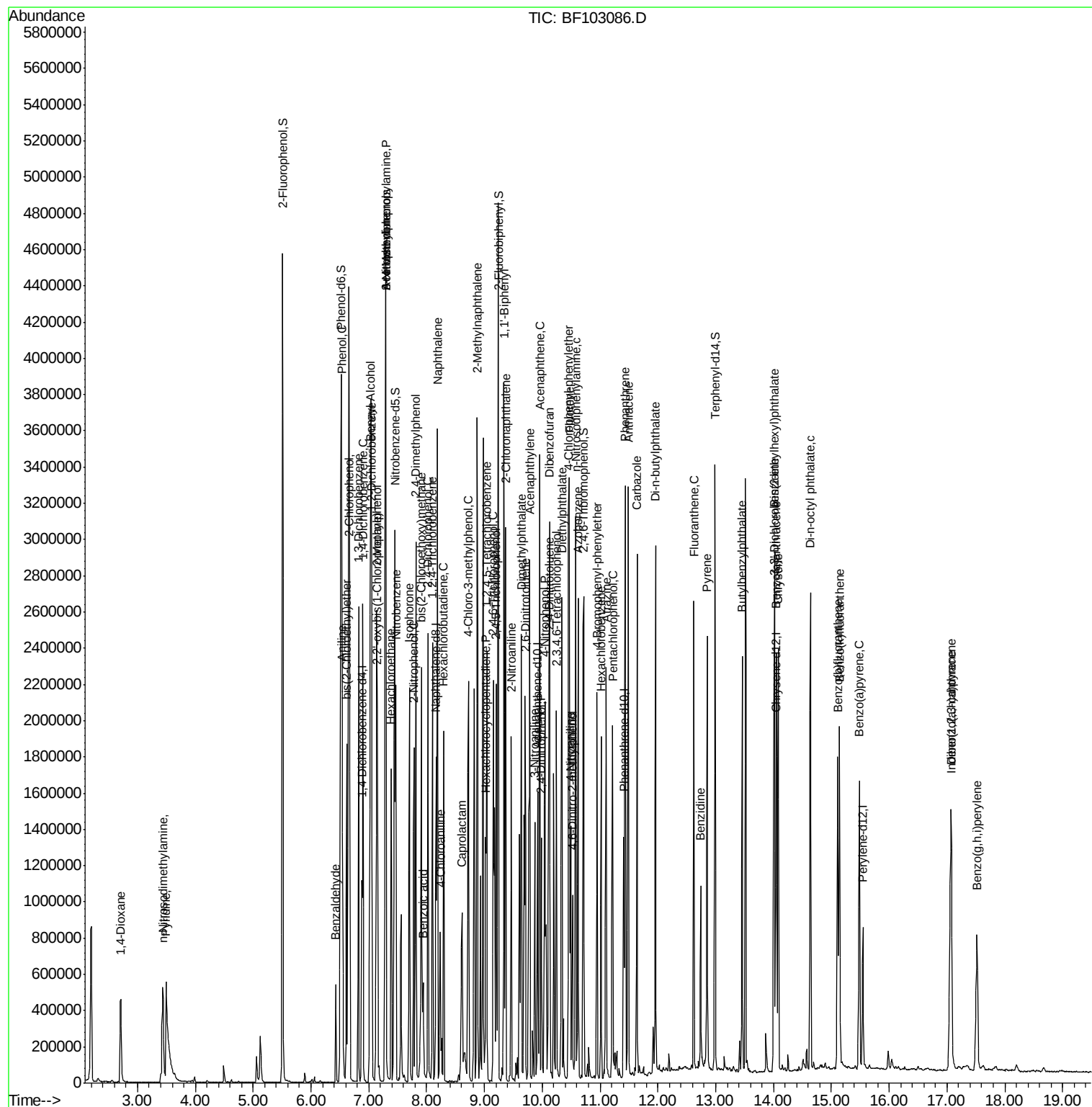
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
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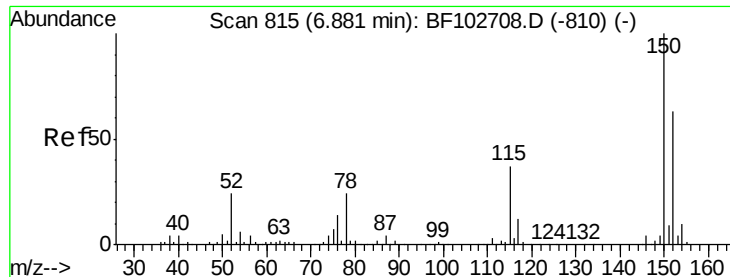
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#1

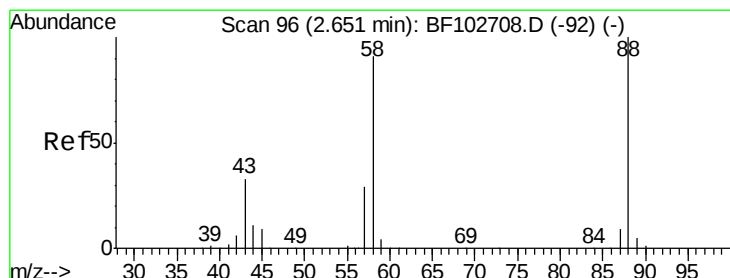
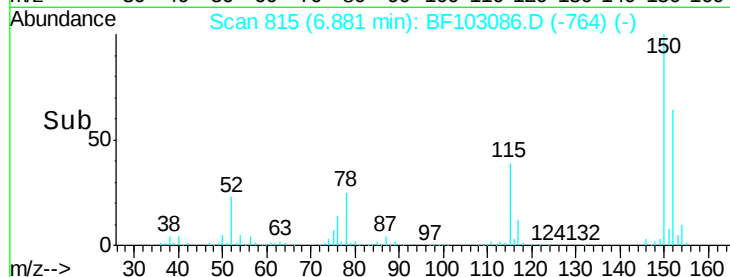
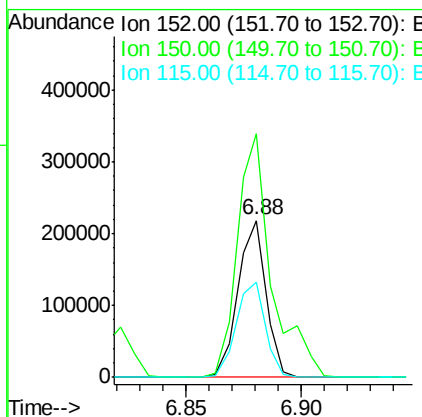
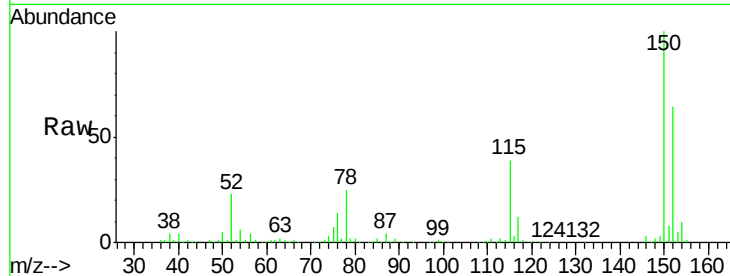
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Instrument :
BNA_F
ClientSampleId :
BROOKMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	60.9	50.1	75.1

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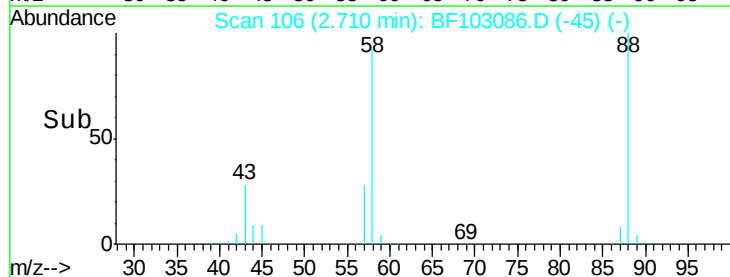
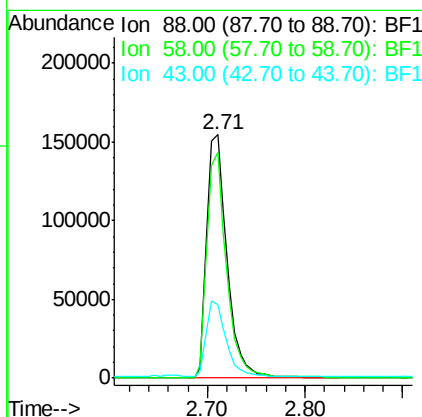
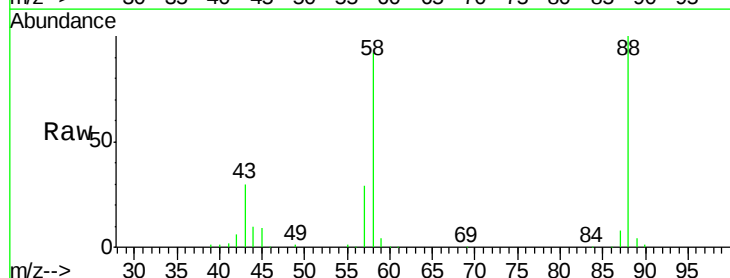
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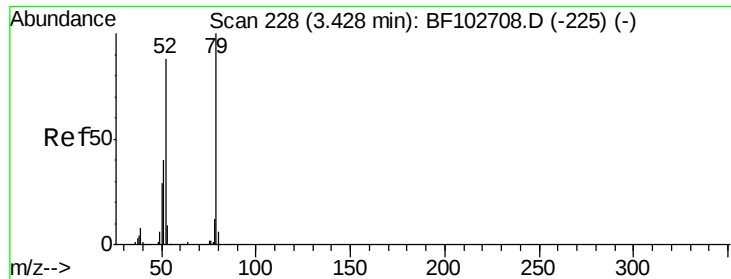


#2

1,4-Dioxane
Concen: 37.368 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.06 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.4	62.6	93.8
43	29.8	24.6	37.0





#3

Pyridine

Concen: 37.142 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.06 min

Lab File: BF103086.D

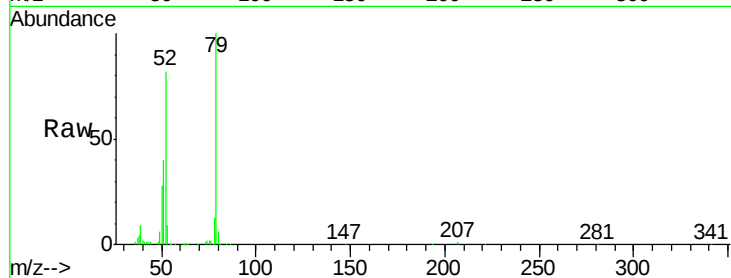
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Instrument :

BNA_F

ClientSampleId :

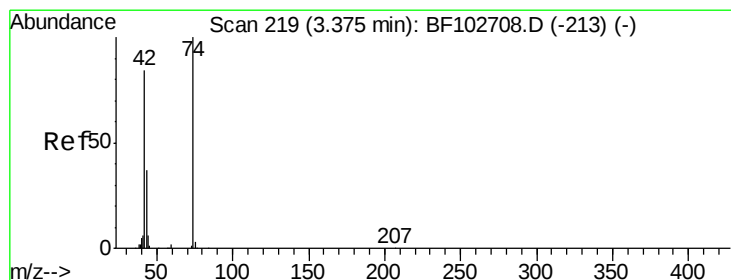
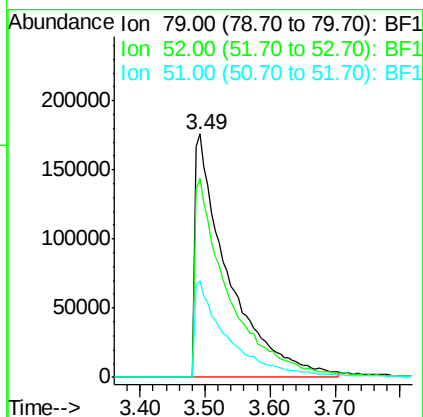
BROOKMSD



Tgt Ion:	79	Resp:	619066
Ion	Ratio	Lower	Upper
79	100		
52	81.9	59.8	89.6
51	39.7	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

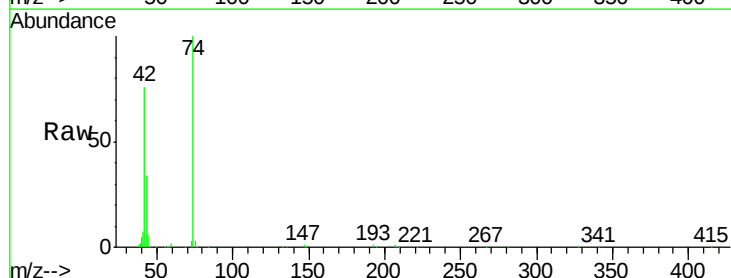
Concen: 45.522 ng

RT: 3.44 min Scan# 230

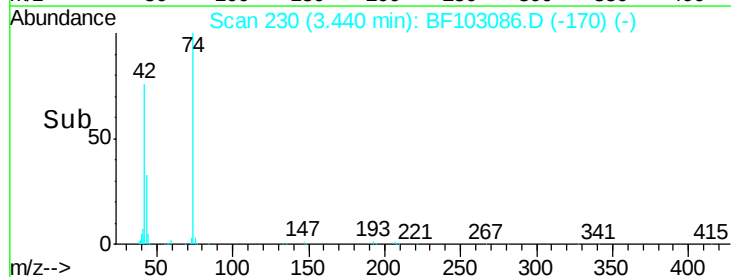
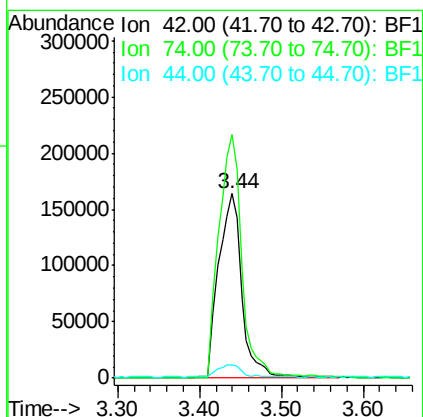
Delta R.T. 0.05 min

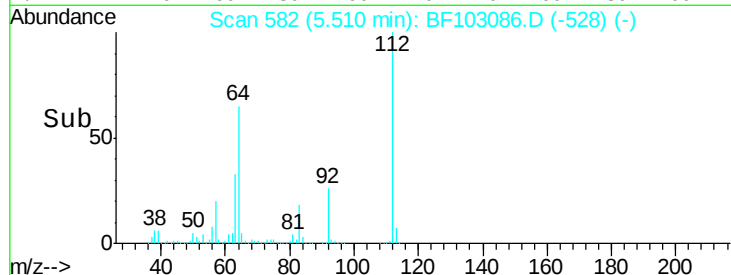
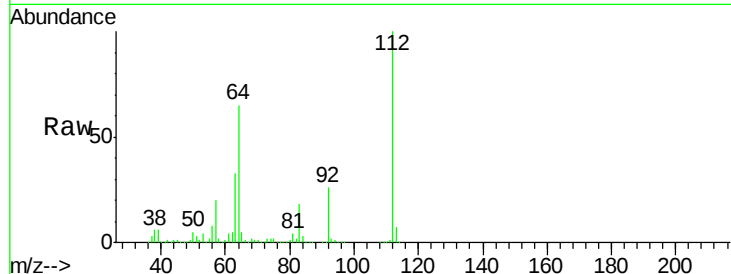
Lab File: BF103086.D

Acq: 19 Feb 2018 16:58



Tgt Ion:	42	Resp:	324630
Ion	Ratio	Lower	Upper
42	100		
74	131.9	104.9	157.3
44	7.4	6.9	10.3





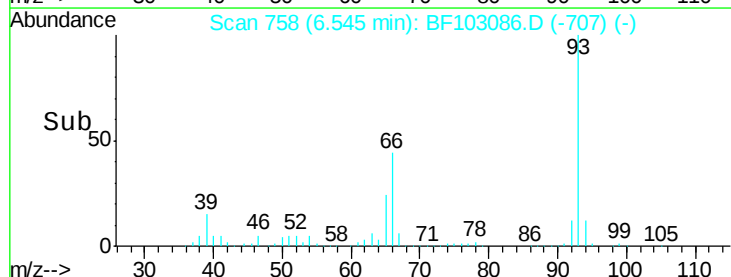
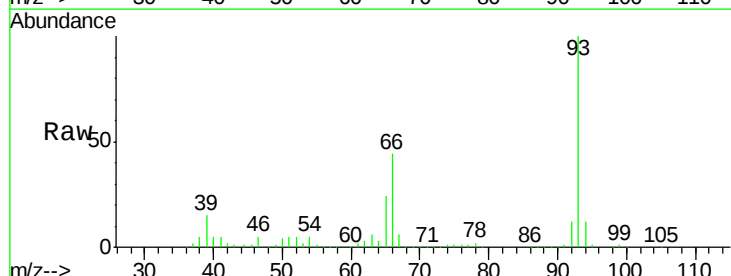
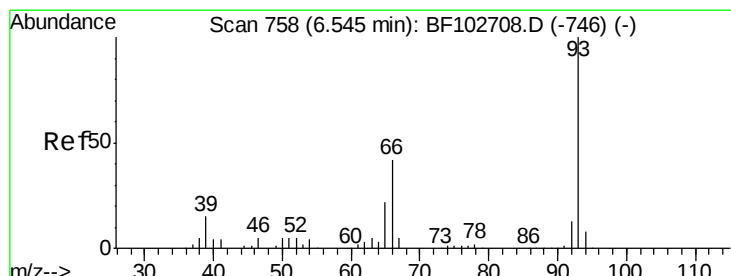
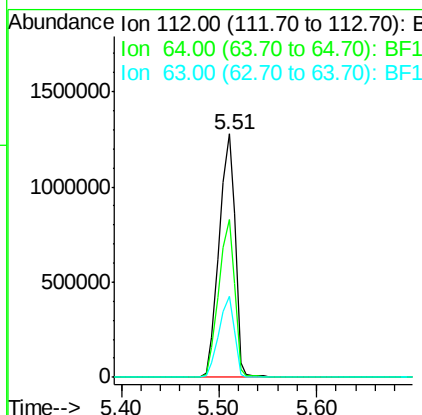
#5
2-Fluorophenol
Concen: 120.546 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion: 112 Resp: 1472334
Ion Ratio Lower Upper
112 100
64 64.9 47.9 71.9
63 33.2 23.7 35.5

Instrument :
BNA_F
ClientSampleId :
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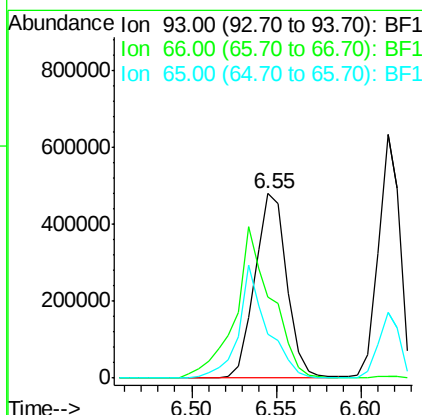
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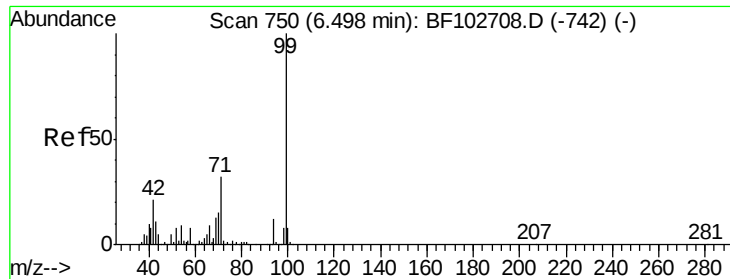
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#6
Aniline
Concen: 29.063 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion: 93 Resp: 631197
Ion Ratio Lower Upper
93 100
66 43.8 32.2 48.2
65 23.6 16.4 24.6





#7

Phenol-d6

Concen: 121.077 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103086.D

Acq: 19 Feb 2018 16:58

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1780603

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

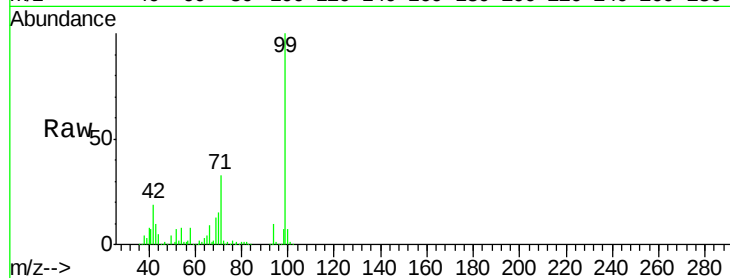
71 32.9 25.4 38.0

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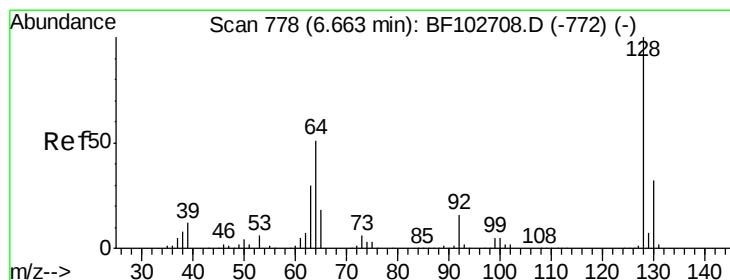
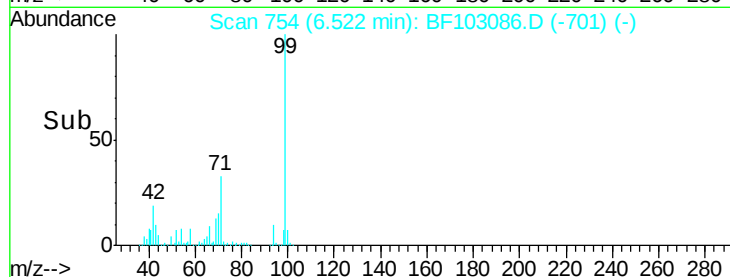
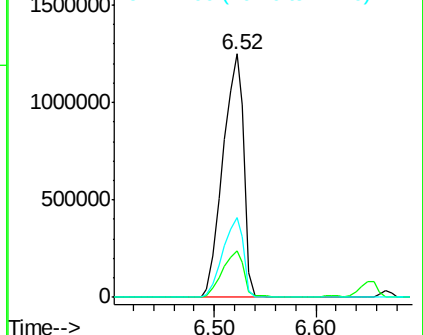
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.358 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103086.D

Acq: 19 Feb 2018 16:58

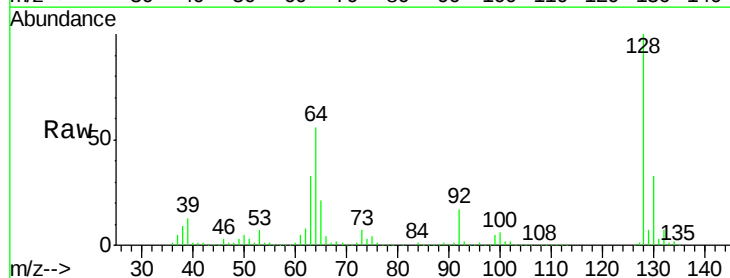
Tgt Ion: 128 Resp: 545199

Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

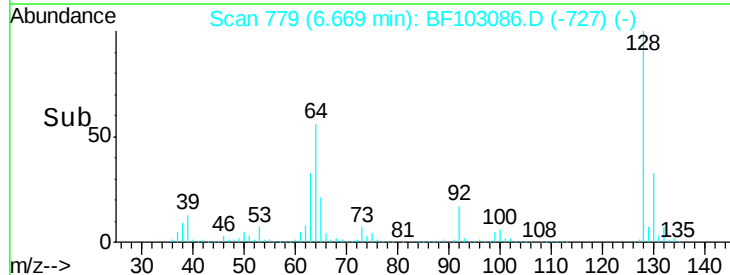
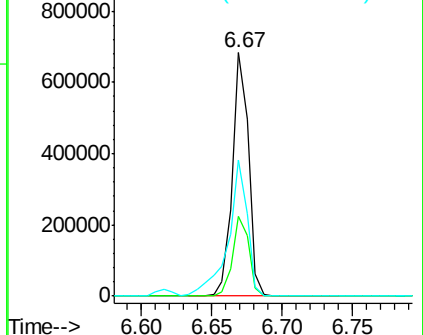
64 55.8 29.4 69.4

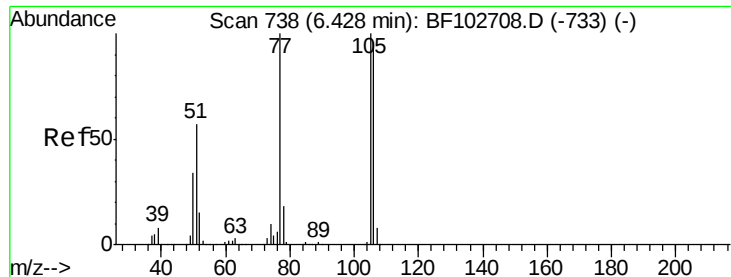


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 9.431 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103086.D

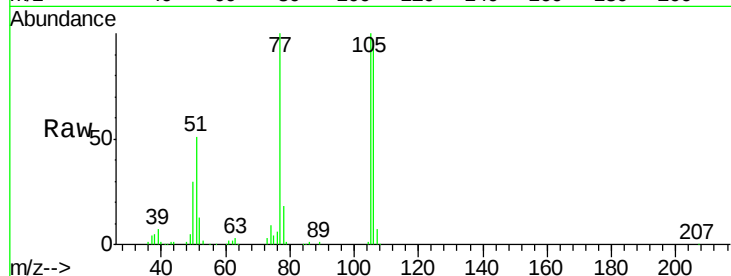
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Instrument :

BNA_F

ClientSampleId :

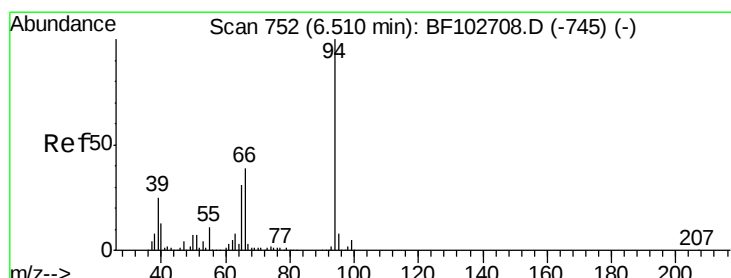
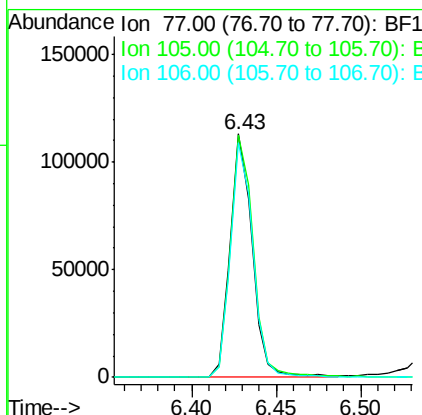
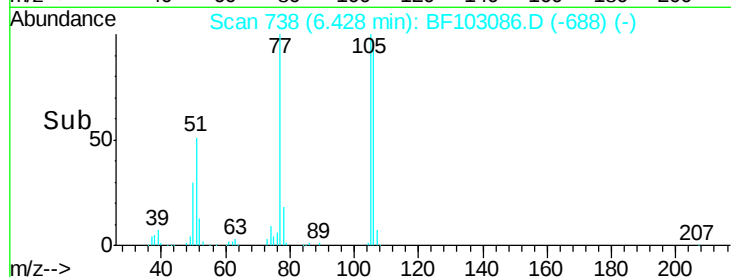
BROOKMSD



Tgt Ion:	77	Resp:	102995
Ion Ratio	Lower	Upper	
77	100		
105	99.5	81.1	121.1
106	96.5	74.5	114.5

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#10

Phenol

Concen: 44.035 ng

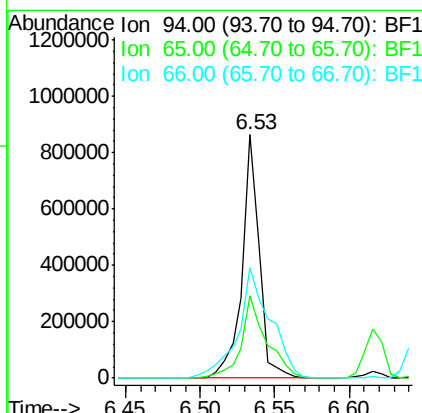
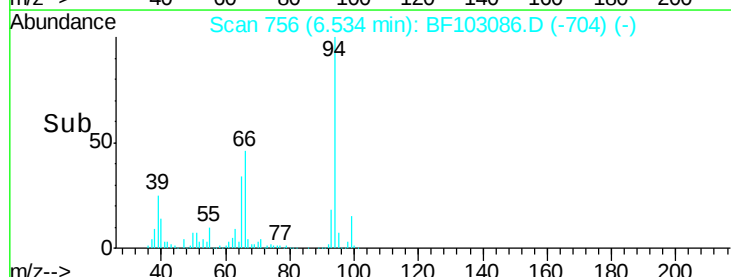
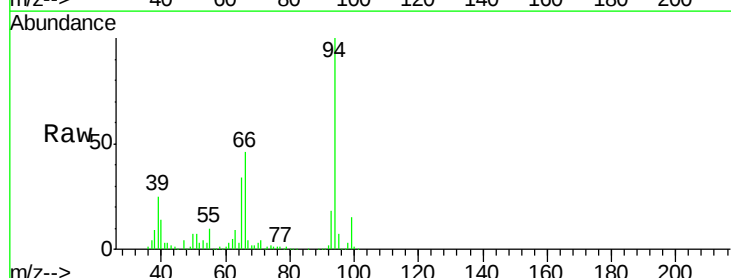
RT: 6.53 min Scan# 756

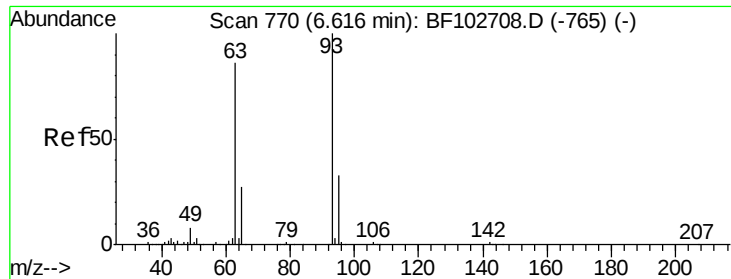
Delta R.T. 0.01 min

Lab File: BF103086.D

Acq: 19 Feb 2018 16:58

Tgt Ion:	94	Resp:	694009
Ion Ratio	Lower	Upper	
94	100		
65	34.0	7.9	47.9
66	45.6	16.2	56.2





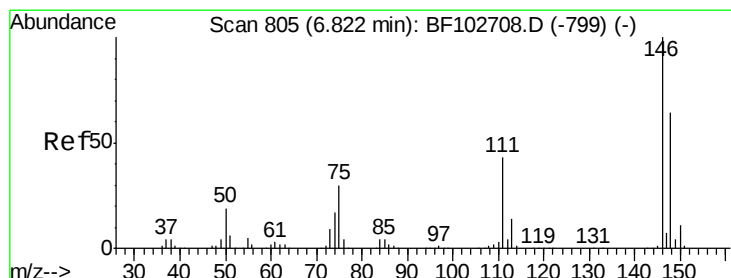
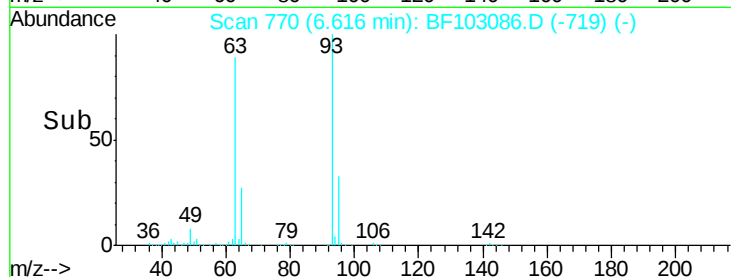
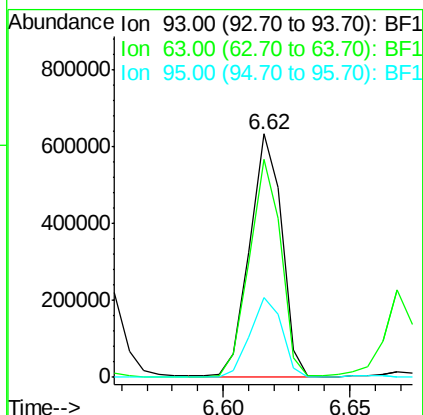
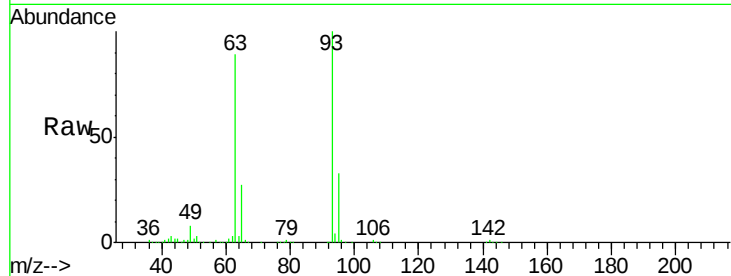
#11
bis(2-Chloroethyl)ether
Concen: 42.726 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Instrument :
BNA_F
ClientSampleId :
BROOKMSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	89.4	58.6	98.6
95	32.7	11.8	51.8

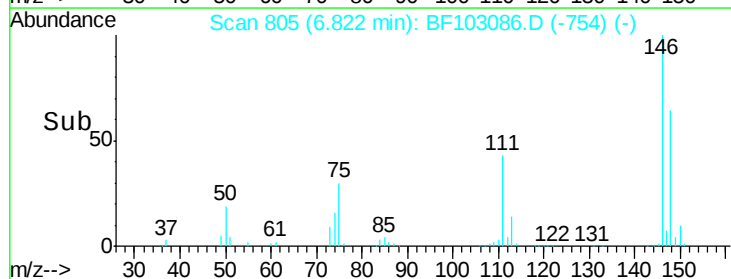
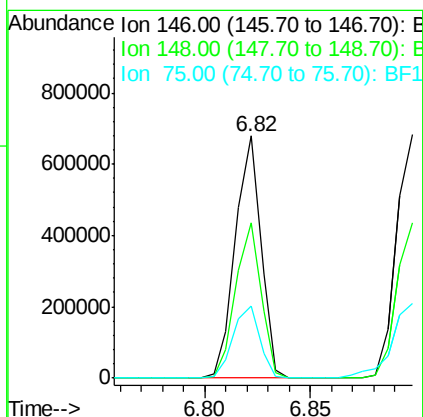
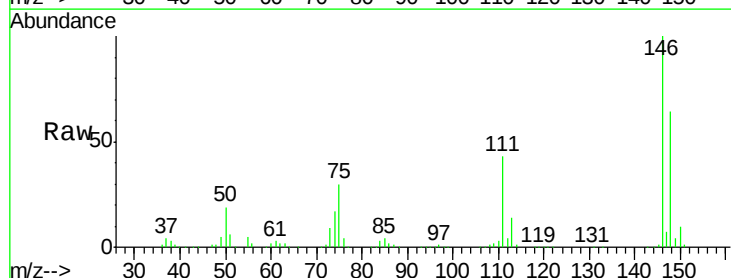
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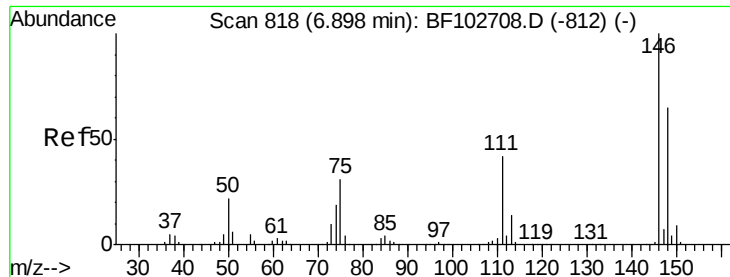
Sohil
2/20/2018 10:20:35 AM



#12
1,3-Dichlorobenzene
Concen: 39.249 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	30.0	24.2	36.4





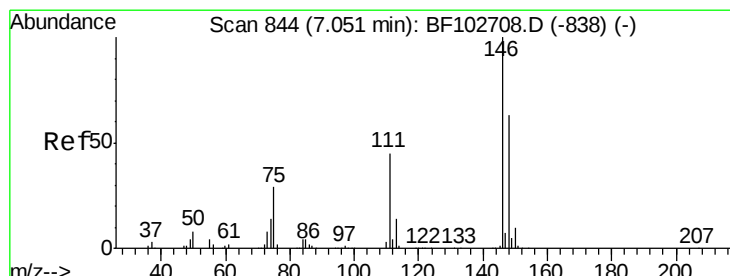
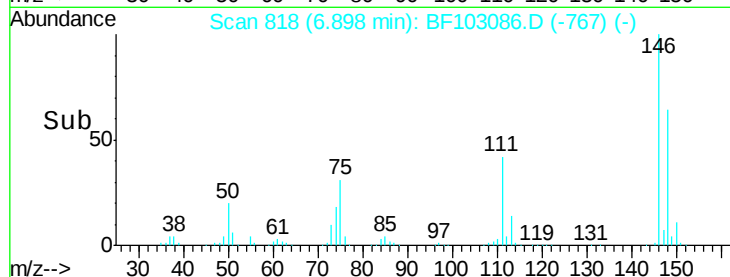
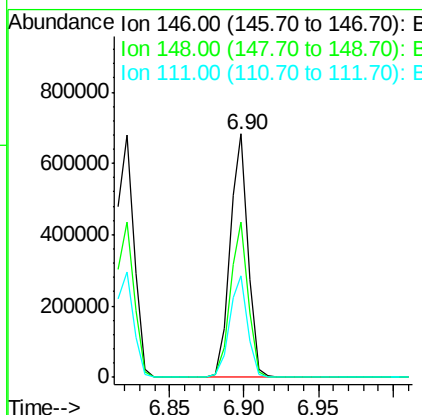
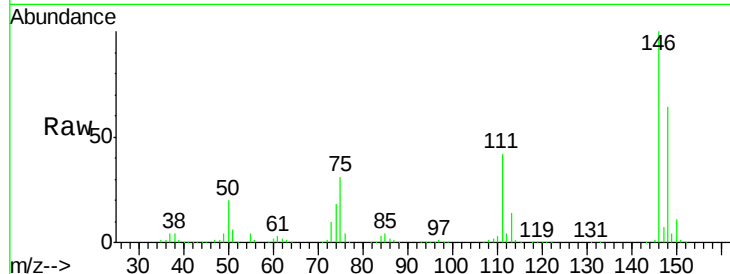
#13
 1,4-Dichlorobenzene
 Concen: 40.016 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Instrument :
 BNA_F
 ClientSampleId :
 BROOKMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	41.8	34.2	51.2

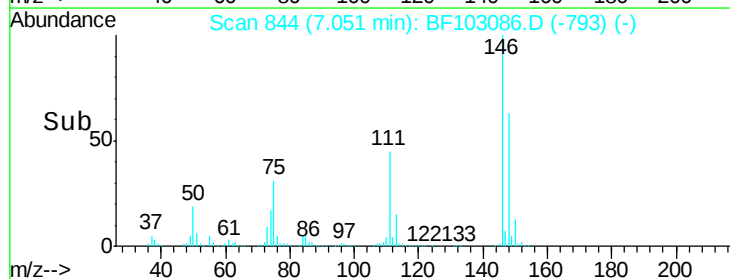
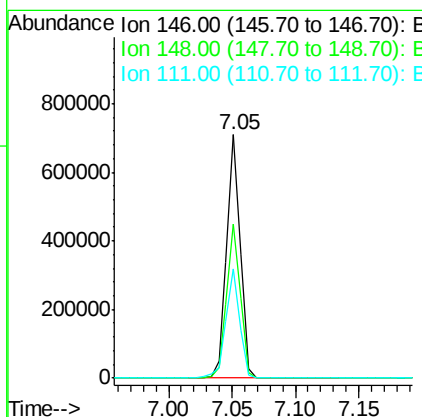
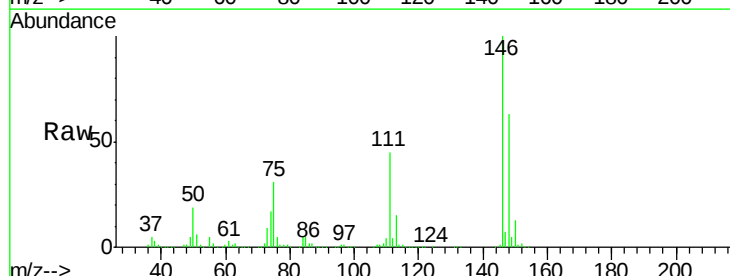
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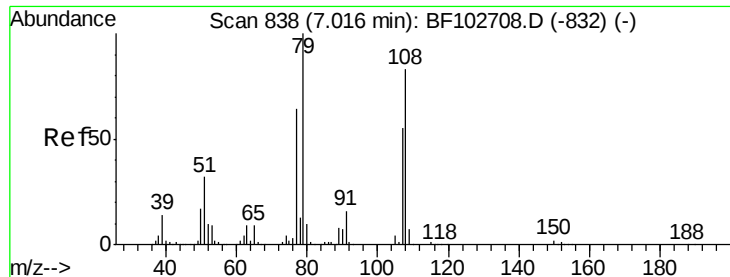
Sohil
 2/20/2018 10:20:35 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.089 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
111	44.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 42.104 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103086.D

Acq: 19 Feb 2018 16:58

Instrument :

BNA_F

ClientSampleId :

BROOKMSD

Tgt Ion: 79 Resp: 476049
Ion Ratio Lower Upper

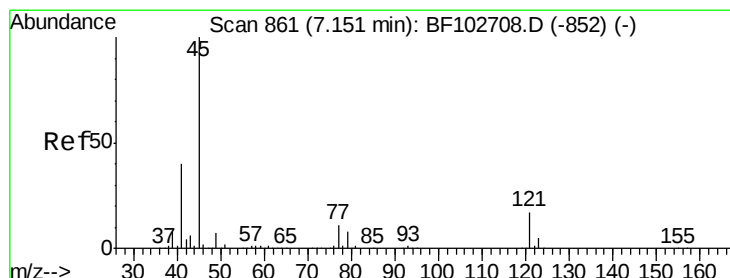
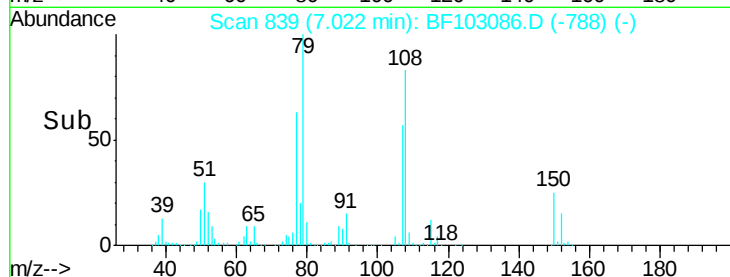
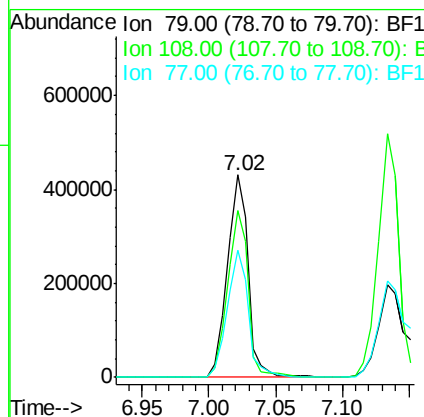
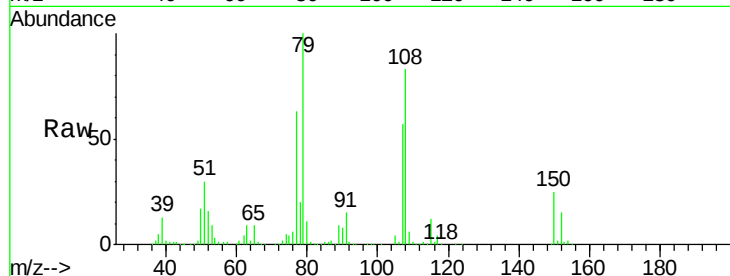
79 100

108 82.6 65.1 97.7

77 63.1 50.6 75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.586 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF103086.D

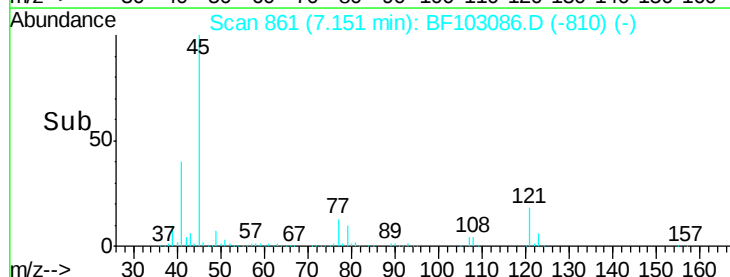
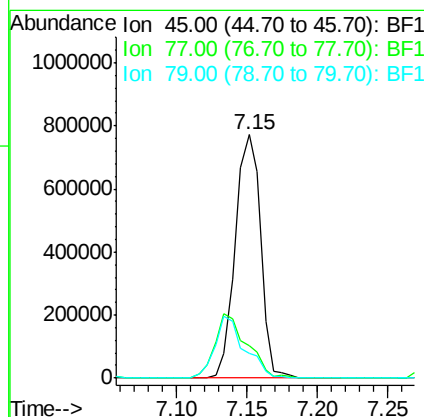
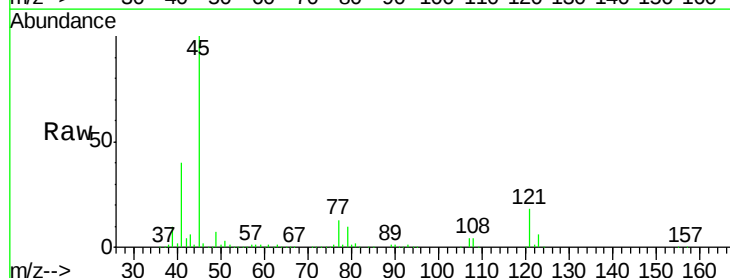
Acq: 19 Feb 2018 16:58

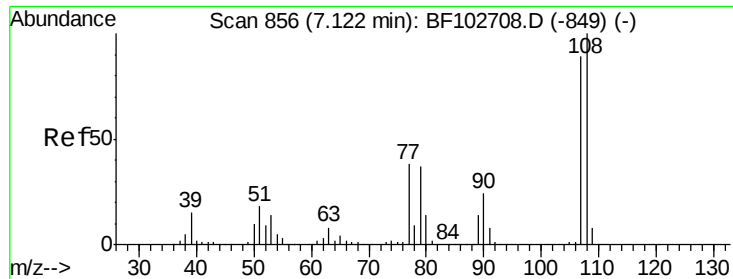
Tgt Ion: 45 Resp: 961277
Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.9

79 10.4 0.0 29.6





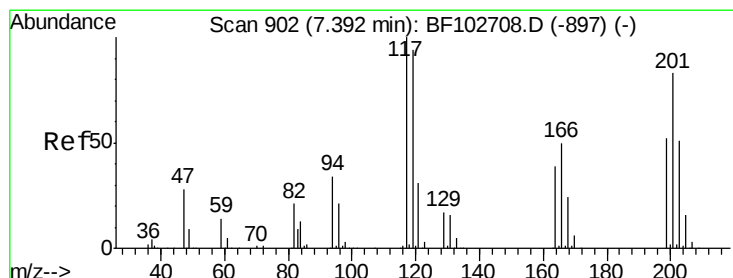
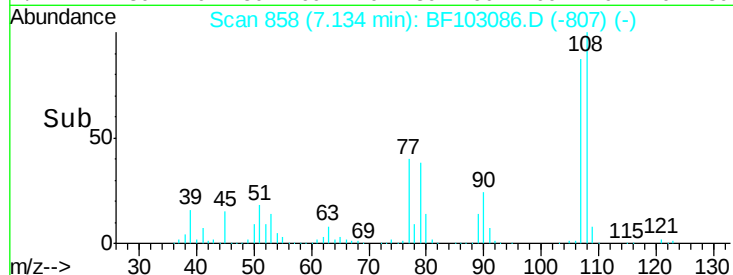
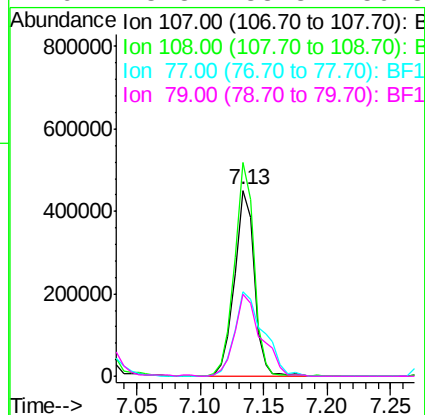
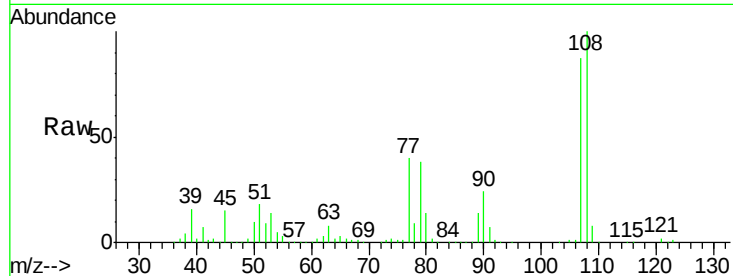
#17
2-Methylphenol
Concen: 41.581 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Instrument :
BNA_F
ClientSampleId :
BROOKMSD

Tgt Ion:	107	Resp:	482288
Ion Ratio	Lower	Upper	
107	100		
108	115.0	91.7	137.5
77	45.5	33.8	50.8
79	43.8	33.8	50.8

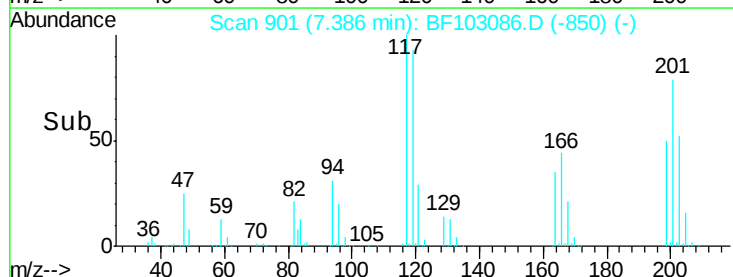
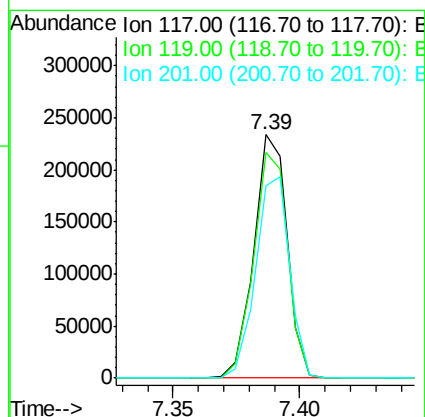
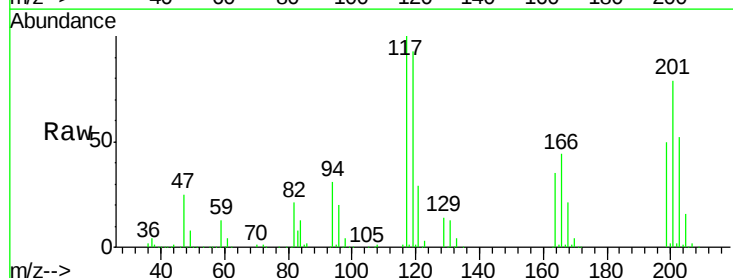
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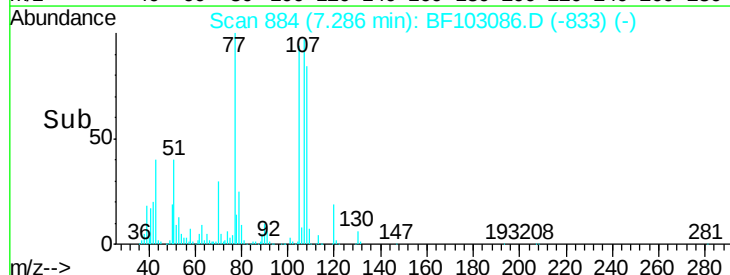
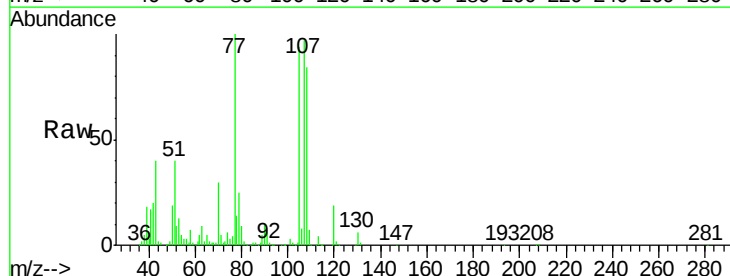
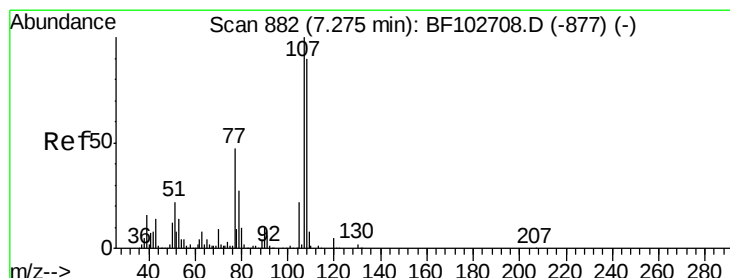
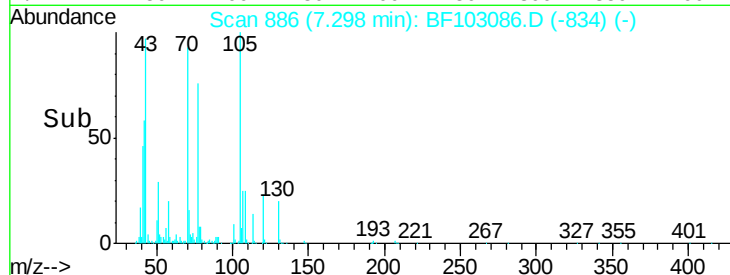
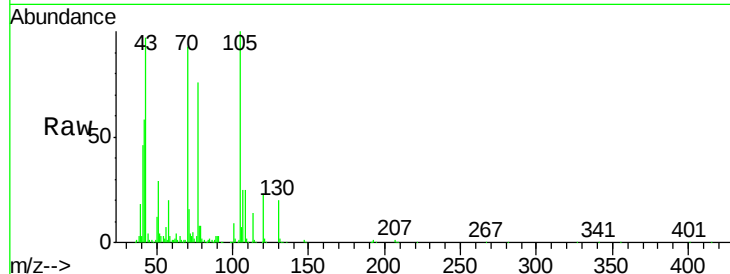
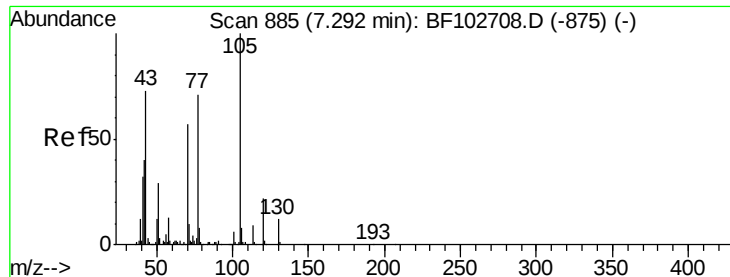
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#18
Hexachloroethane
Concen: 43.022 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion:	117	Resp:	213989
Ion Ratio	Lower	Upper	
117	100		
119	92.7	75.8	113.8
201	78.9	75.7	113.5





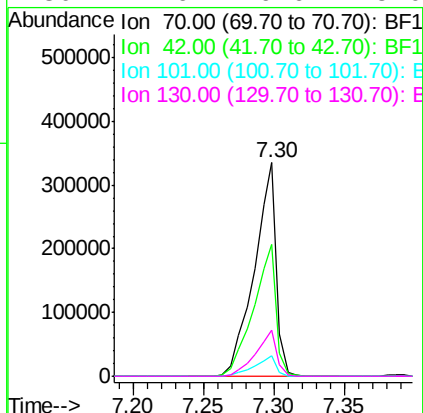
#19
n-Nitroso-di-n-propylamine
Concen: 37.910 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Instrument :
BNA_F
ClientSampled :
BROOKMSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.0	47.5	71.3
101	9.6	7.4	11.2
130	21.6	16.6	25.0

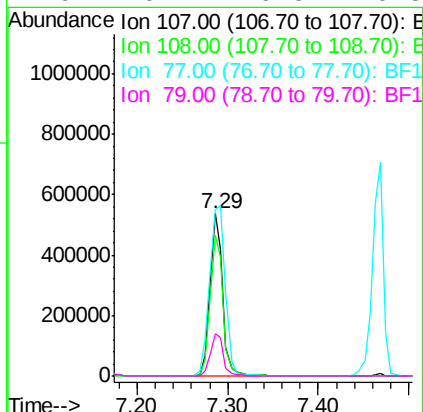
Manual Integrations
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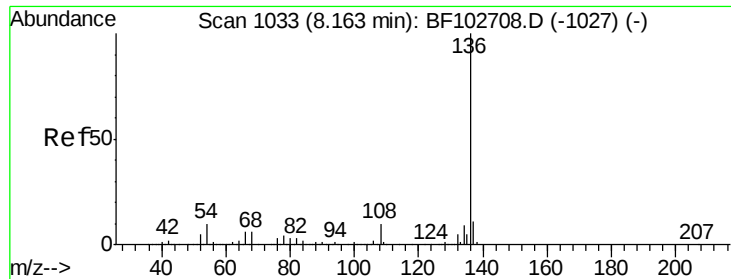
Sohil
2/20/2018 10:20:35 AM



#20
3+4-Methylphenols
Concen: 36.873 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.6	68.2	108.2
77	103.1	26.7	66.7#
79	26.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103086.D

Acq: 19 Feb 2018 16:58

Instrument :

BNA_F

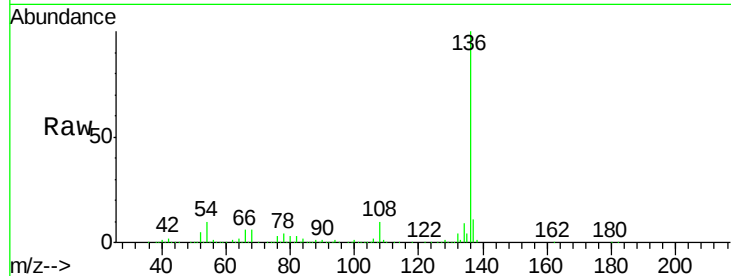
ClientSampleId :

BROOKMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	759149		
137	11.5	8.9	13.3	
54	9.7	6.6	9.8	
68	6.3	5.0	7.4	

Manual Integrations
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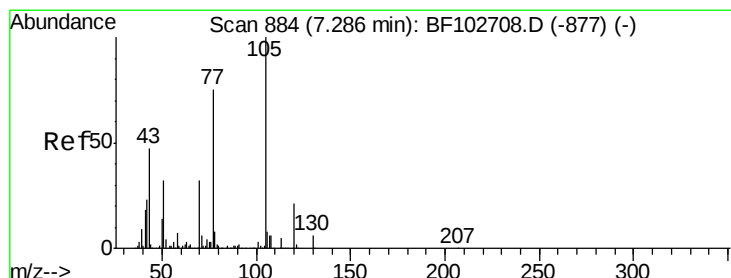
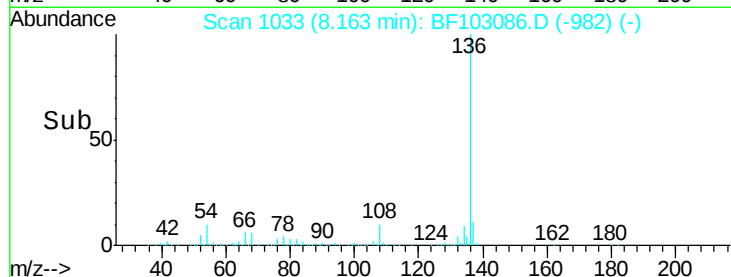
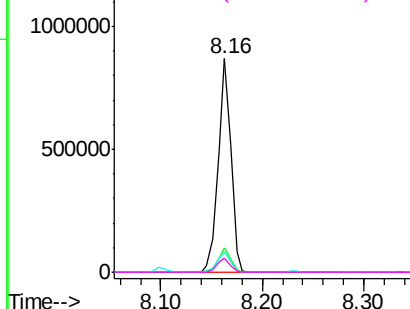


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.631 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF103086.D

Acq: 19 Feb 2018 16:58

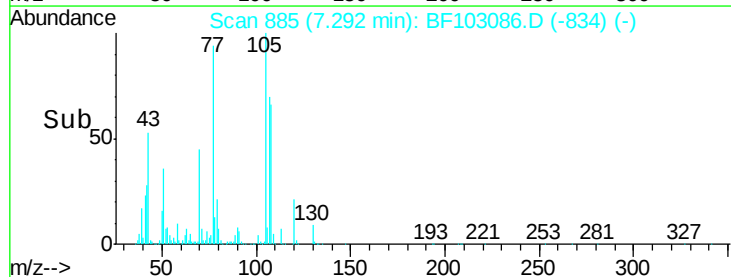
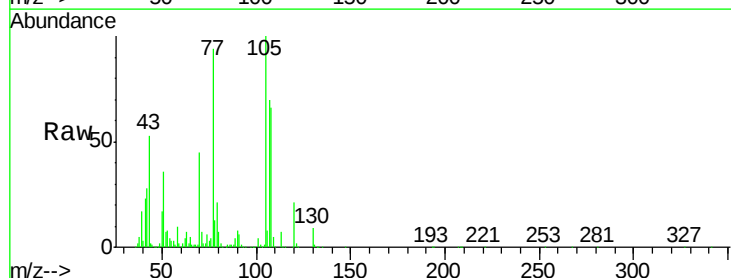
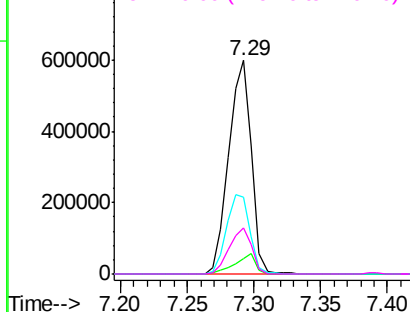
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	717655		
71	7.4	4.4	6.6#	
51	35.8	22.3	33.5#	
120	21.5	16.9	25.3	

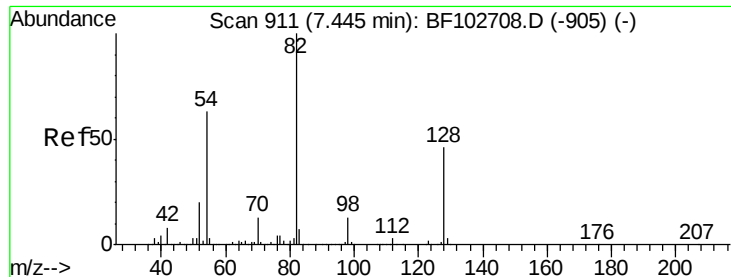
Abundance Ion 105.00 (104.70 to 105.70): E

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





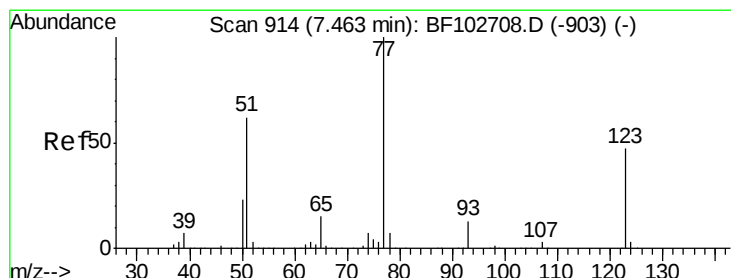
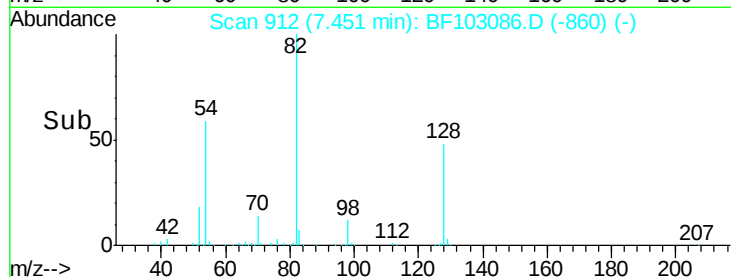
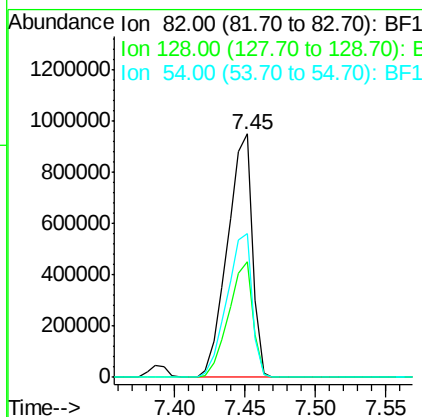
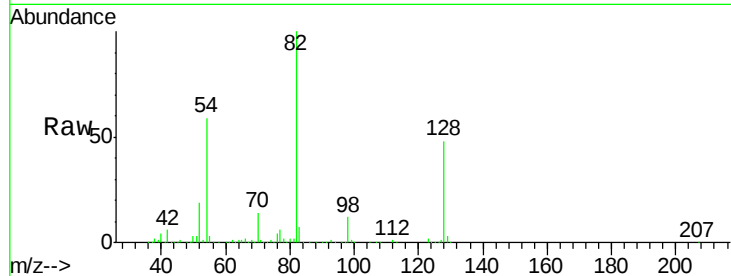
#23
Nitrobenzene-d5
Concen: 106.367 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Instrument :
BNA_F
ClientSampleId :
BROOKMSD

Tgt Ion: 82 Resp: 1164010
Ion Ratio Lower Upper
82 100
128 47.7 36.1 54.1
54 59.2 41.4 62.2

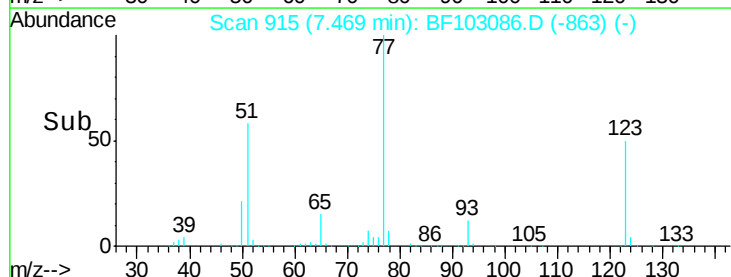
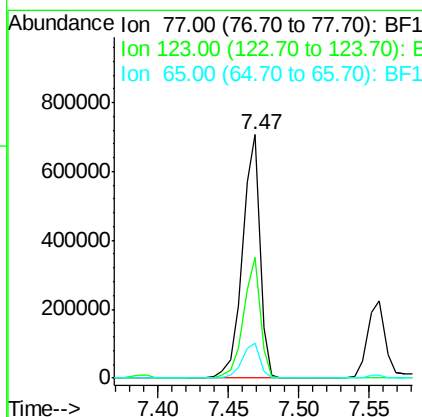
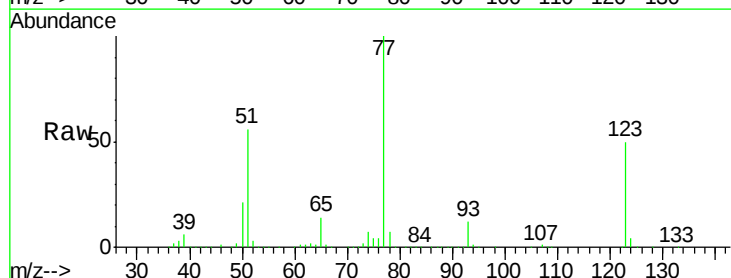
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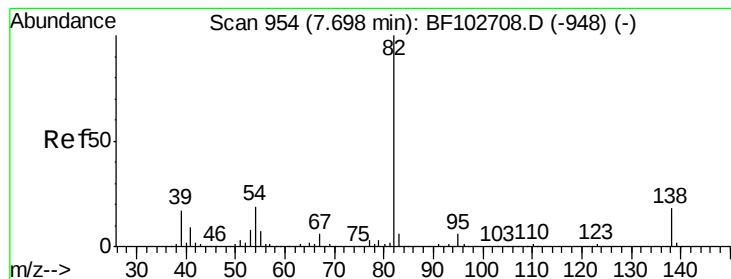
Sohil
2/20/2018 10:20:35 AM



#24
Nitrobenzene
Concen: 47.137 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion: 77 Resp: 606723
Ion Ratio Lower Upper
77 100
123 49.6 37.9 56.9
65 14.5 11.0 16.4





#25

Isophorone

Concen: 45.070 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF103086.D

Acq: 19 Feb 2018 16:58

Instrument :

BNA_F

ClientSampleId :

BROOKMSD

Tgt Ion: 82 Resp: 1135717

Ion Ratio Lower Upper

82 100

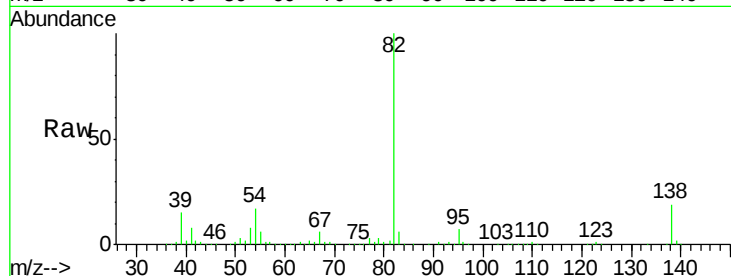
95 6.6 5.2 7.8

138 19.1 14.9 22.3

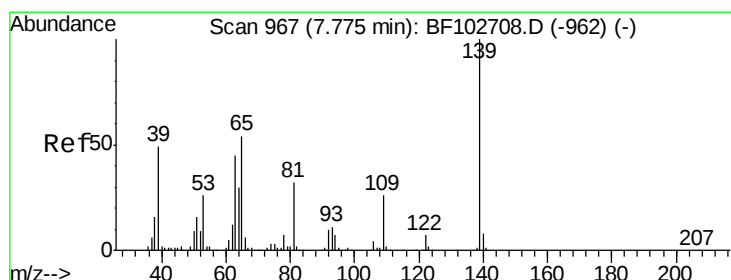
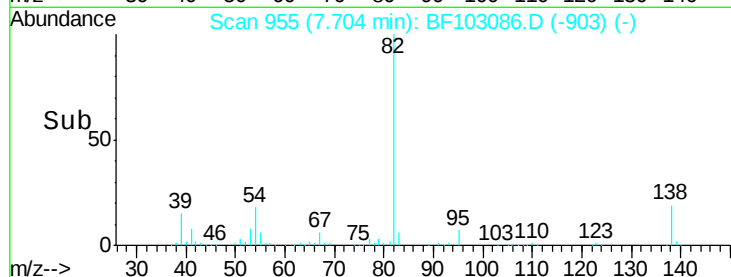
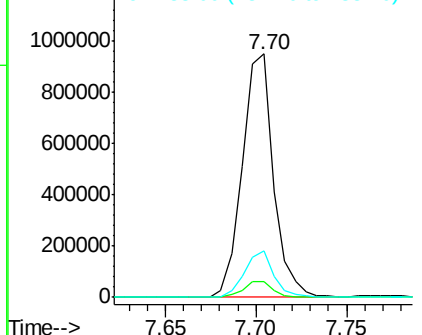
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 58.045 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF103086.D

Acq: 19 Feb 2018 16:58

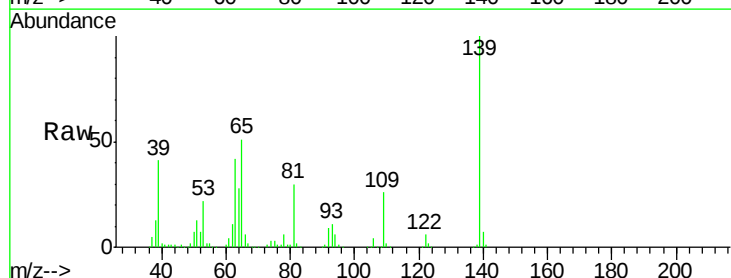
Tgt Ion: 139 Resp: 318669

Ion Ratio Lower Upper

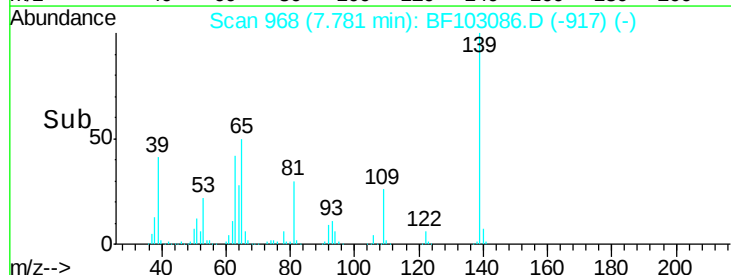
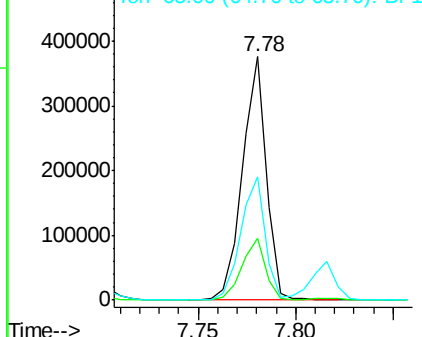
139 100

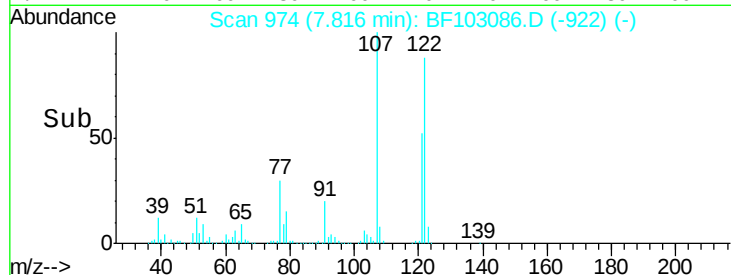
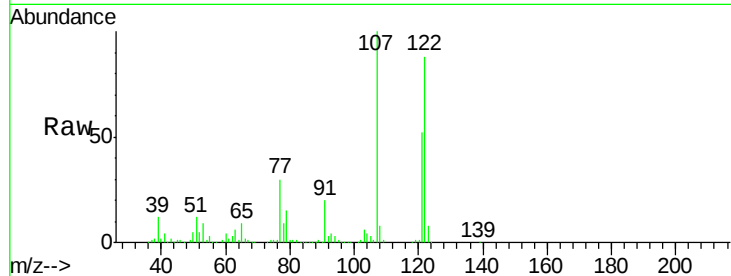
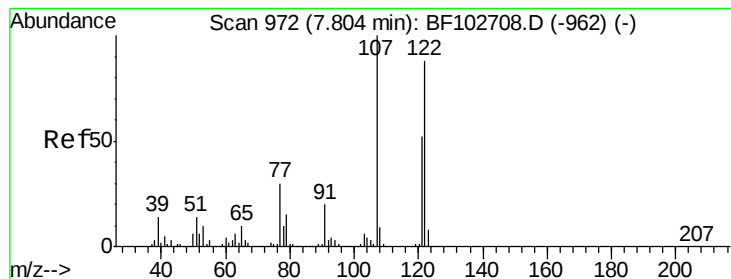
109 25.7 22.7 34.1

65 50.8 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





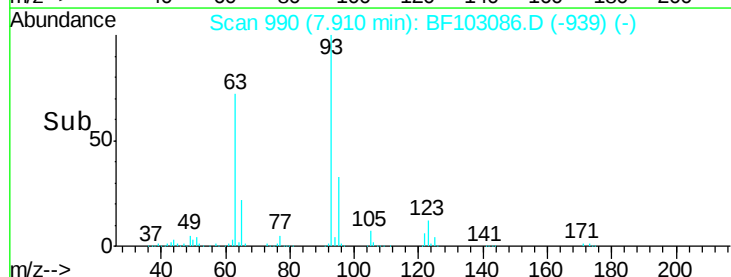
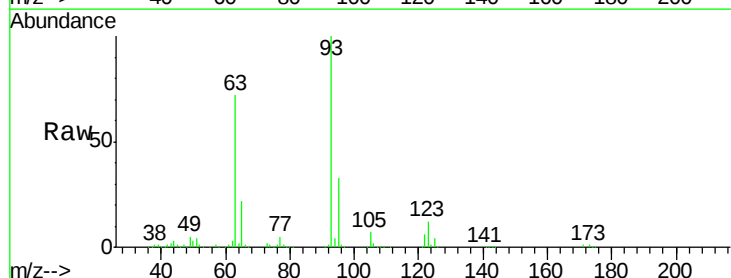
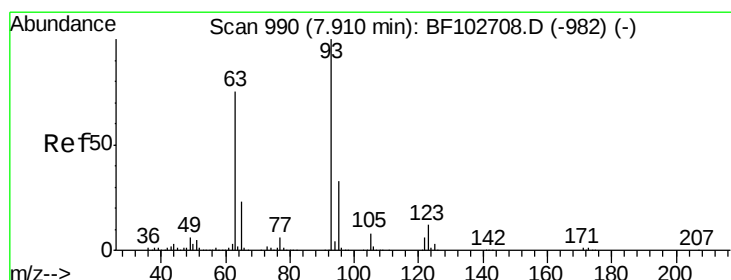
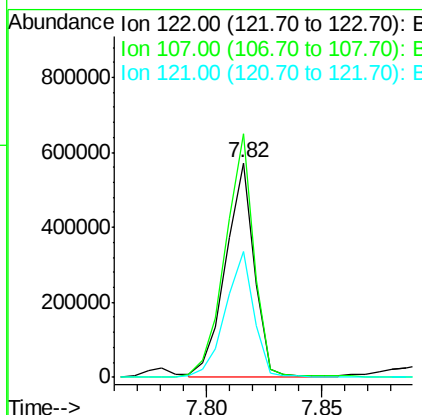
#27
2,4-Dimethylphenol
Concen: 46.750 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Instrument :
BNA_F
ClientSampleId :
BROOKMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	497697		
107	113.7	91.2	136.8	
121	58.6	47.2	70.8	

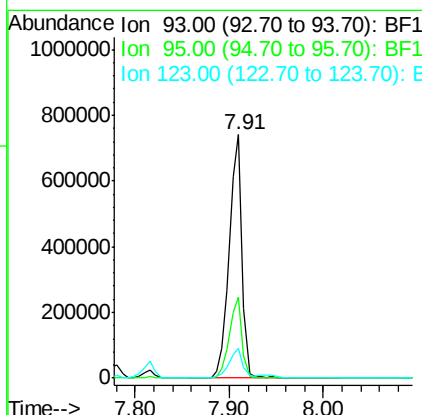
Manual Integrations
APPROVED

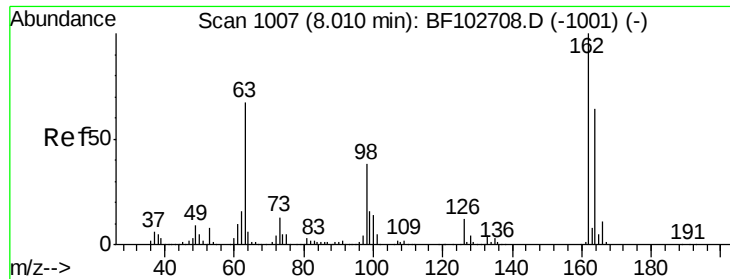
Sohil
2/20/2018 10:20:35 AM



#28
bis(2-Chloroethoxy)methane
Concen: 46.903 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	700152		
95	33.1	26.3	39.5	
123	12.1	9.8	14.6	





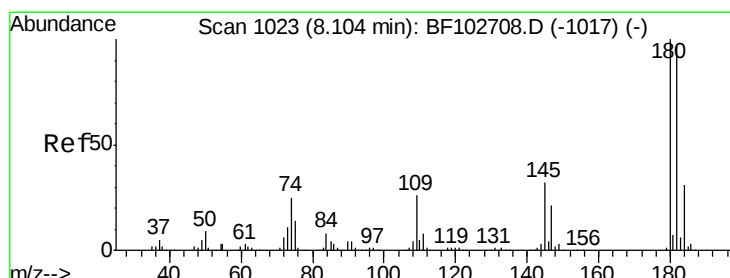
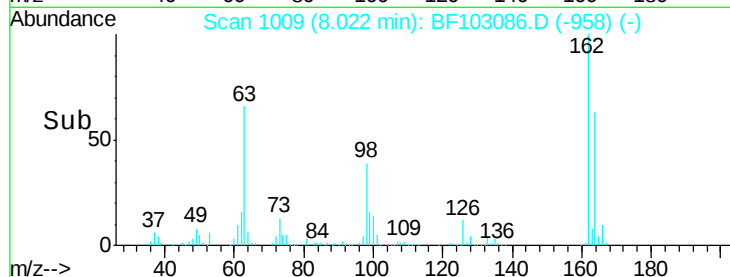
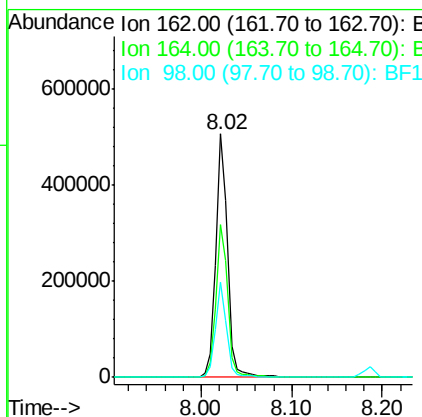
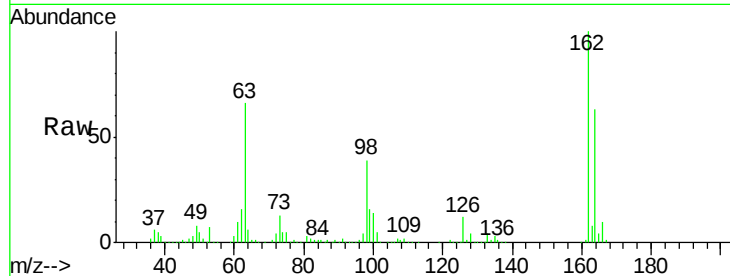
#29
 2,4-Dichlorophenol
 Concen: 47.311 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Instrument :
 BNA_F
 ClientSampleId :
 BROOKMSD

Tgt Ion:	162	Resp:	457867
Ion Ratio	Lower	Upper	
162	100		
164	62.9	42.7	82.7
98	38.8	18.1	58.1

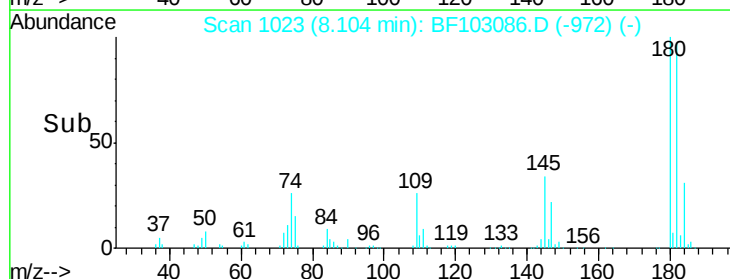
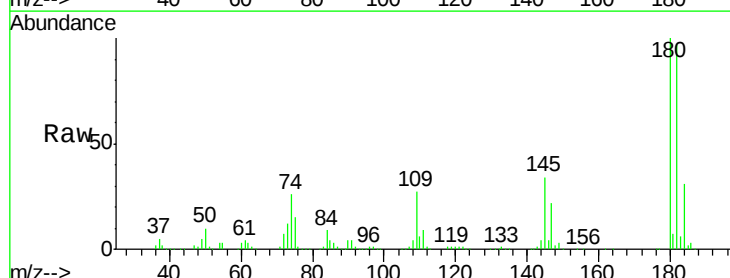
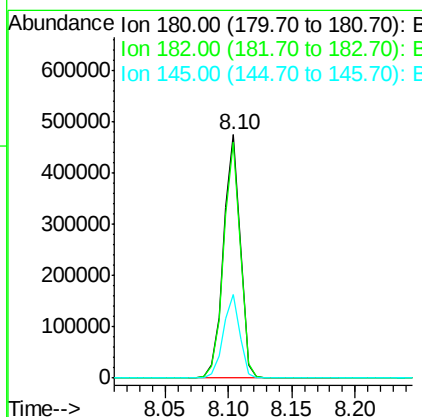
Manual Integrations
 APPROVED

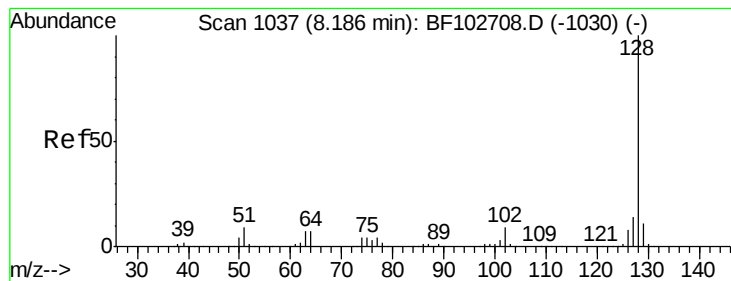
Sohil
 2/20/2018 10:20:35 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.967 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Tgt Ion:	180	Resp:	437571
Ion Ratio	Lower	Upper	
180	100		
182	96.7	76.8	115.2
145	34.2	26.5	39.7





#31

Naphthalene

Concen: 41.005 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF103086.D

Acq: 19 Feb 2018 16:58

Instrument :

BNA_F

ClientSampleId :

BROOKMSD

Tgt Ion:128 Resp: 1520893

Ion Ratio Lower Upper

128 100

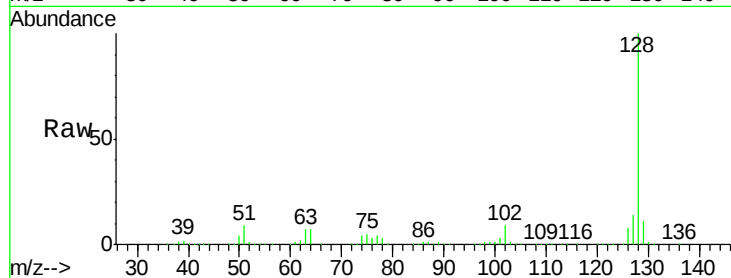
129 11.3 8.8 13.2

127 13.7 10.9 16.3

Manual Integrations
APPROVED

Sohil

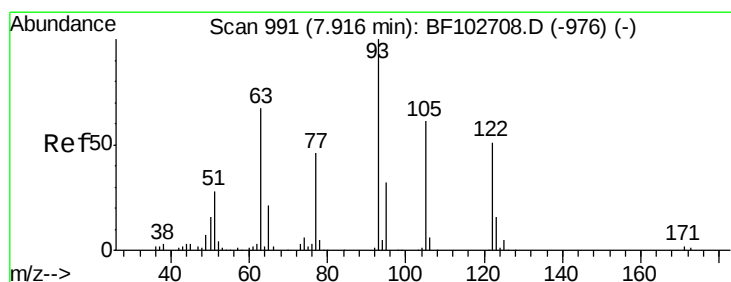
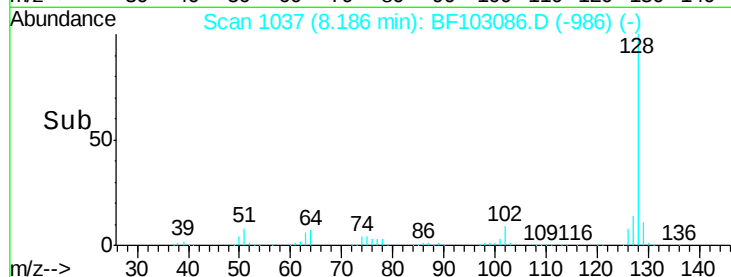
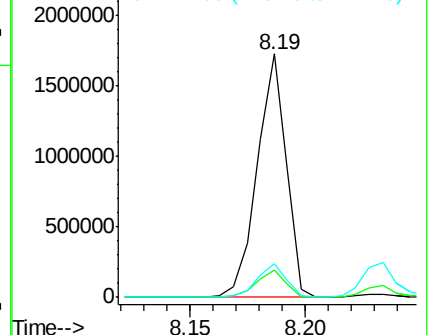
2/20/2018 10:20:35 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.291 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.00 min

Lab File: BF103086.D

Acq: 19 Feb 2018 16:58

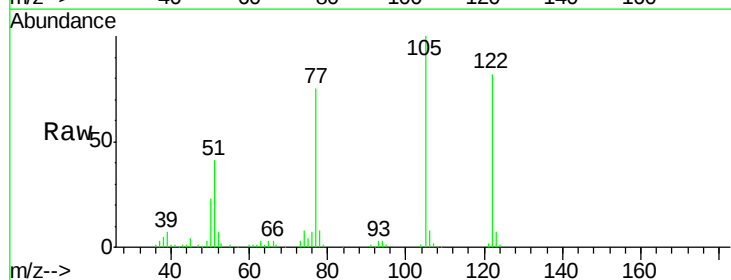
Tgt Ion:122 Resp: 301951

Ion Ratio Lower Upper

122 100

105 122.4 101.1 141.1

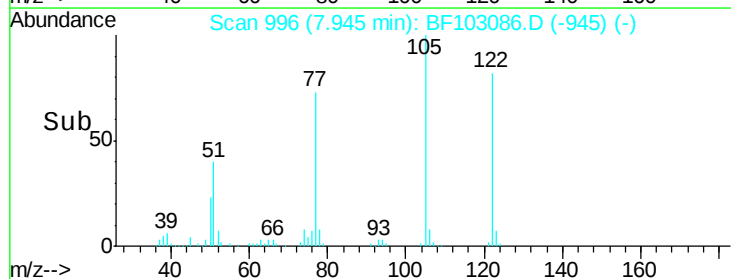
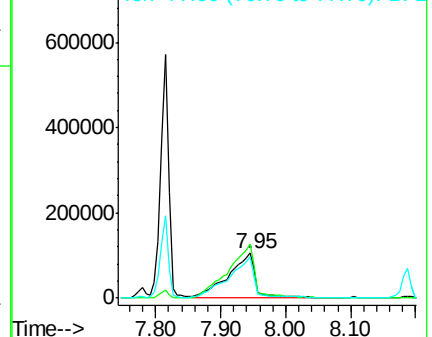
77 91.4 70.7 110.7

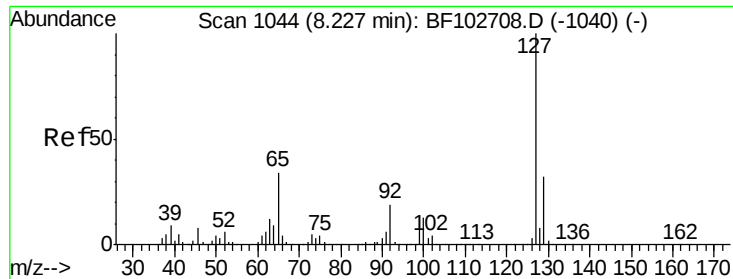


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





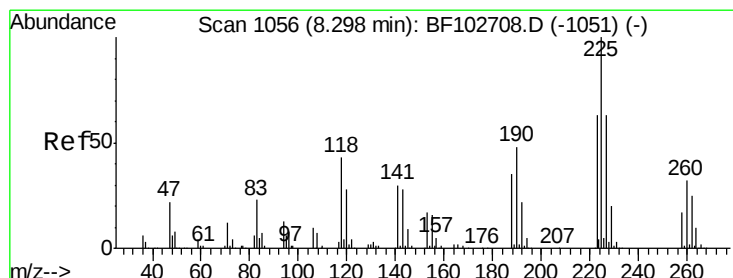
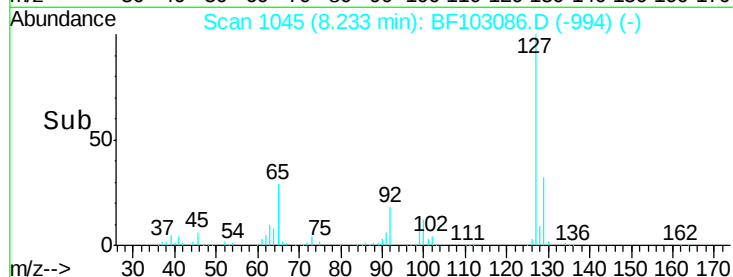
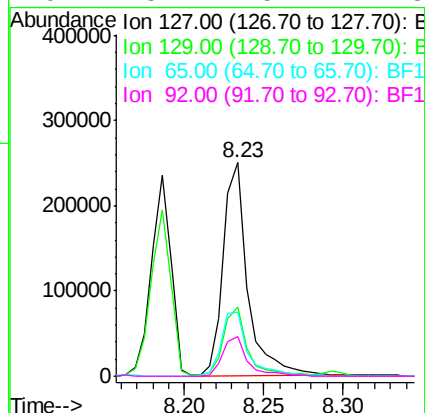
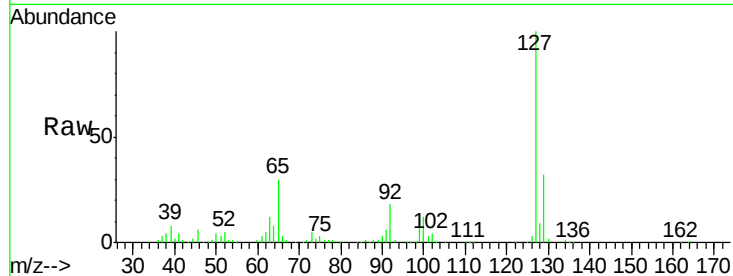
#33
4-Chloroaniline
Concen: 16.800 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Instrument :
BNA_F
ClientSampleId :
BROOKMSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	268437		
129	32.3	25.9	38.9	
65	30.2	25.0	37.4	
92	18.4	15.2	22.8	

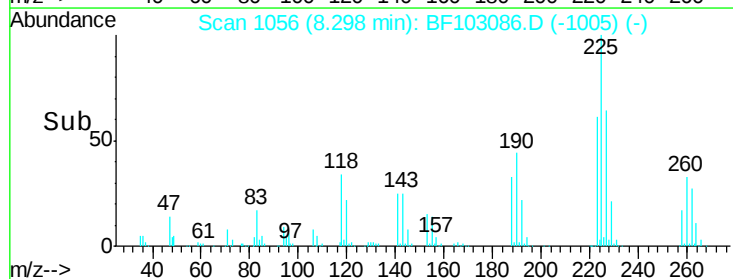
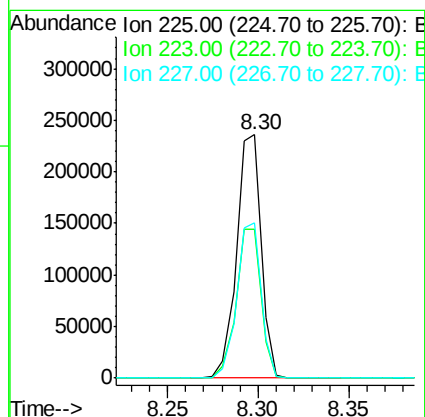
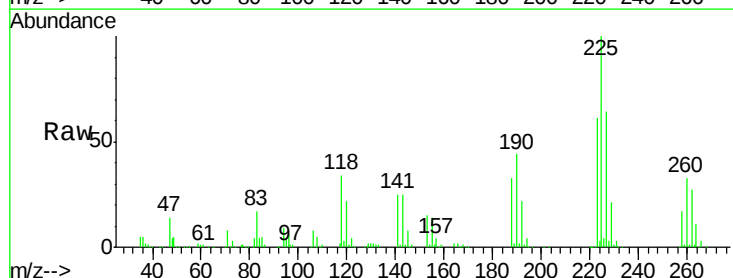
Manual Integrations
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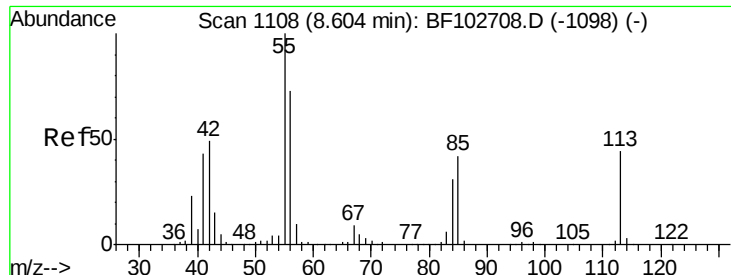
Sohil
2/20/2018 10:20:35 AM



#34
Hexachlorobutadiene
Concen: 39.724 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	222859		
223	61.3	50.6	76.0	
227	63.8	51.9	77.9	





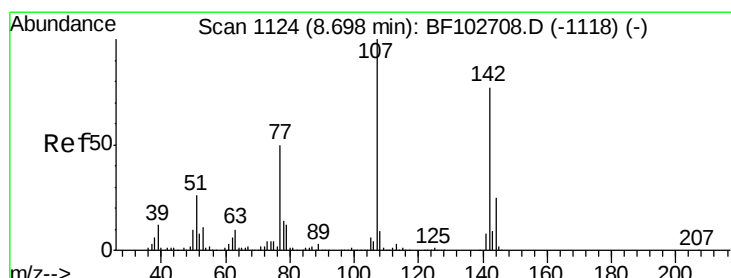
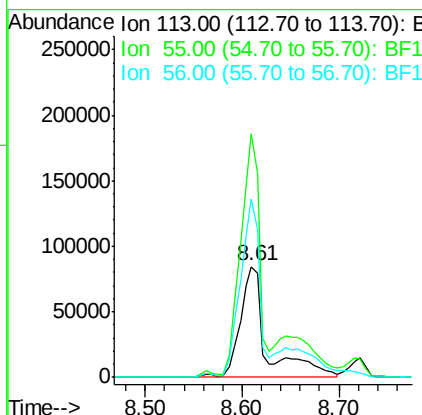
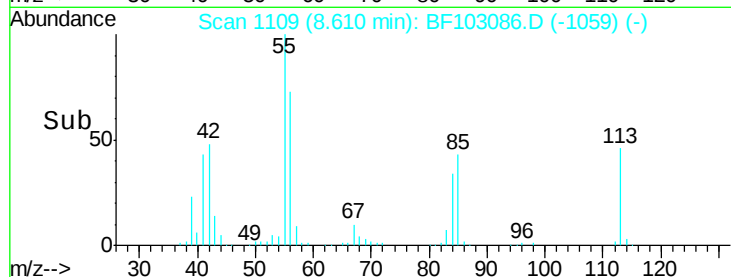
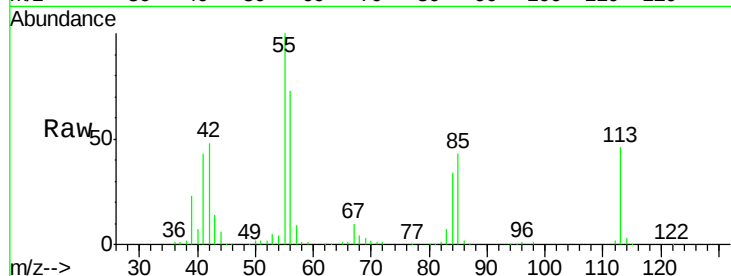
#35
 Caprolactam
 Concen: 48.531 ng m
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Instrument :
 BNA_F
 ClientSampleId :
 BROOKMSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	219.7	163.3	203.3#
56	160.5	115.7	155.7#

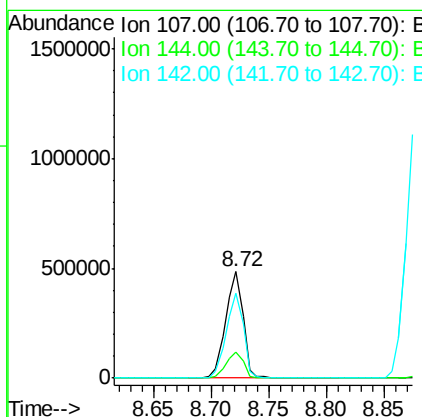
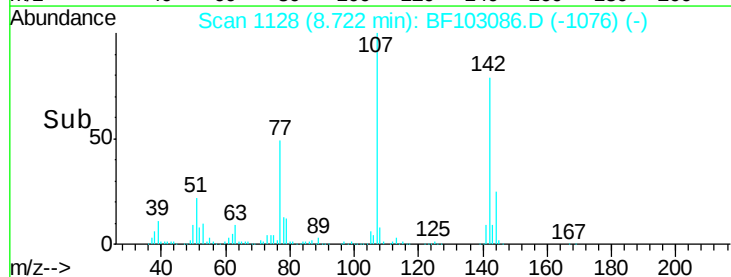
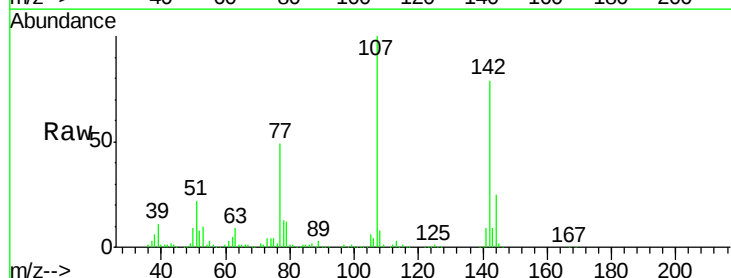
Manual Integrations
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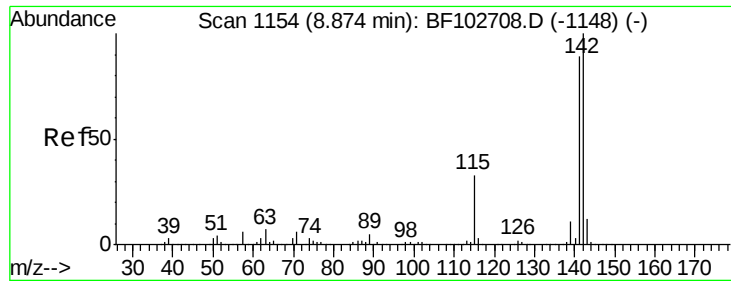
Sohil
 2/20/2018 10:20:35 AM



#36
 4-Chloro-3-methylphenol
 Concen: 46.792 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.5	30.7
142	79.3	62.0	93.0





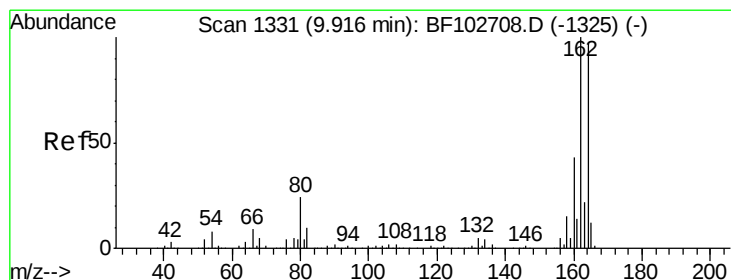
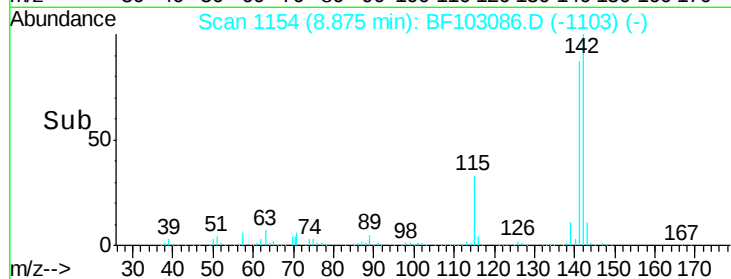
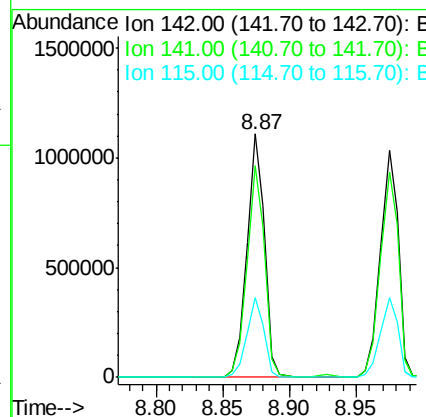
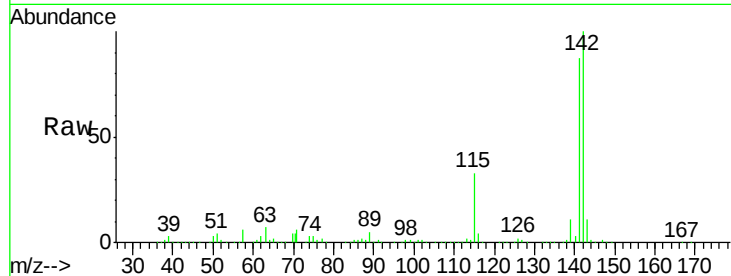
#37
2-Methylnaphthalene
Concen: 41.469 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Instrument :
BNA_F
ClientSampled :
BROOKMSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.8	106.2
115	32.8	26.1	39.1

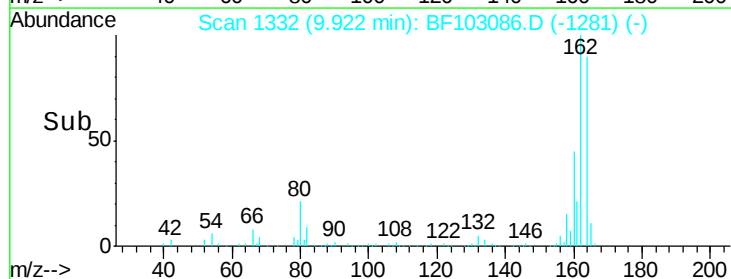
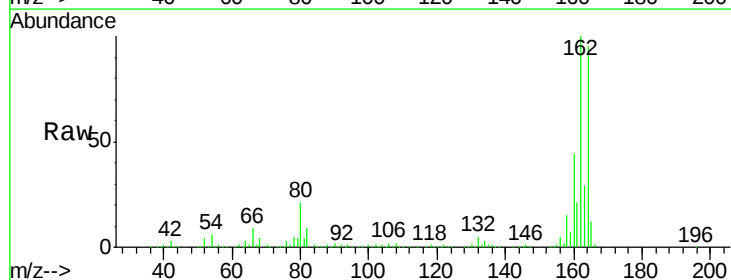
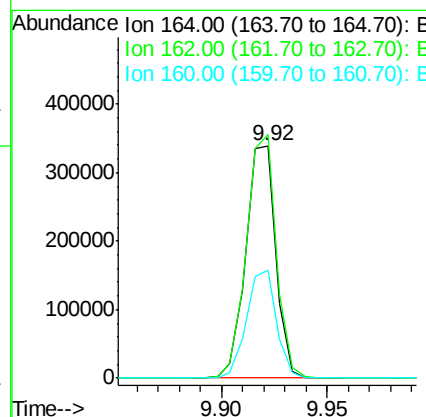
Manual Integrations
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2/20/2018 10:20:35 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	46.4	38.3	57.5





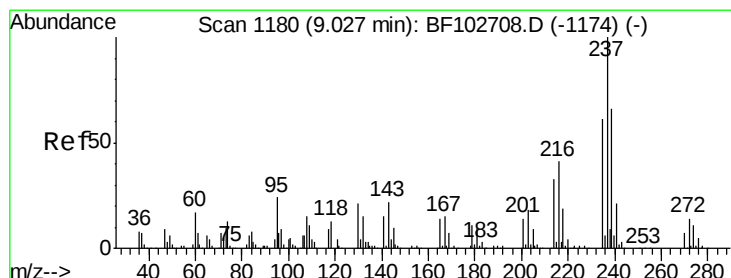
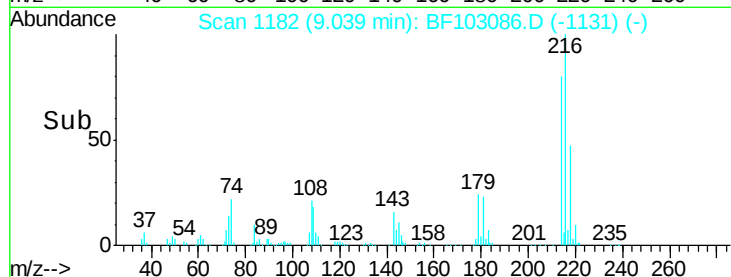
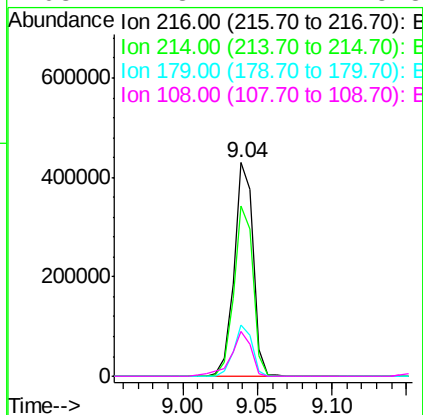
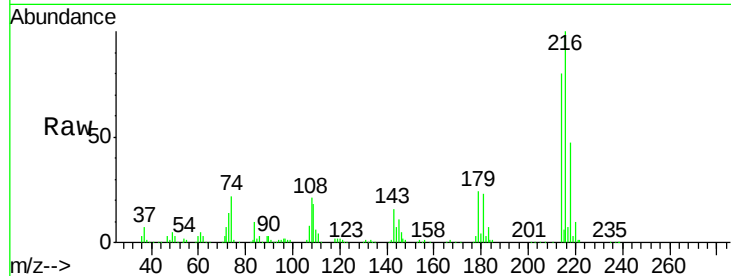
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.557 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Instrument :
 BNA_F
 ClientSampleId :
 BROOKMSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	386536		
214	80.0	63.0	94.4	
179	23.5	18.1	27.1	
108	22.3	17.2	25.8	

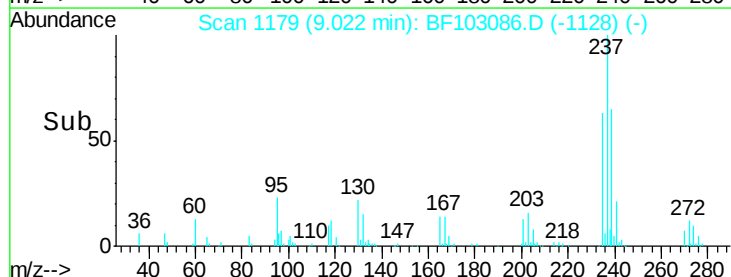
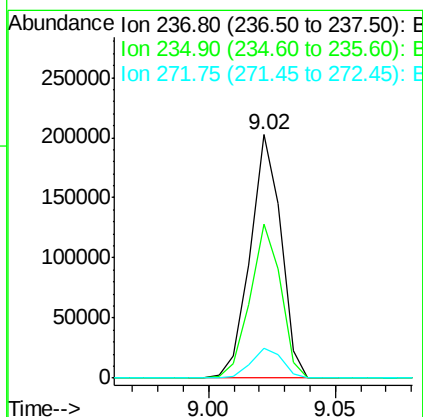
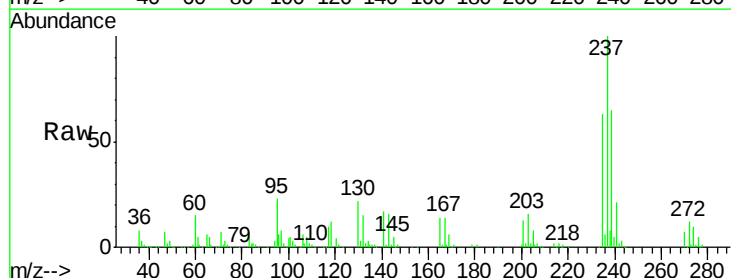
Manual Integrations
 APPROVED

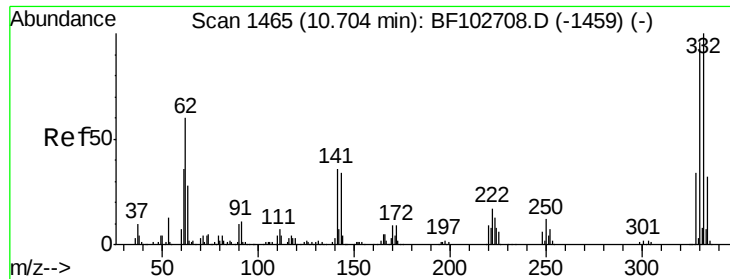
Sohil
 2/20/2018 10:20:35 AM



#40
 Hexachlorocyclopentadiene
 Concen: 39.752 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	171639		
235	63.1	44.8	84.8	
272	12.4	0.0	33.3	





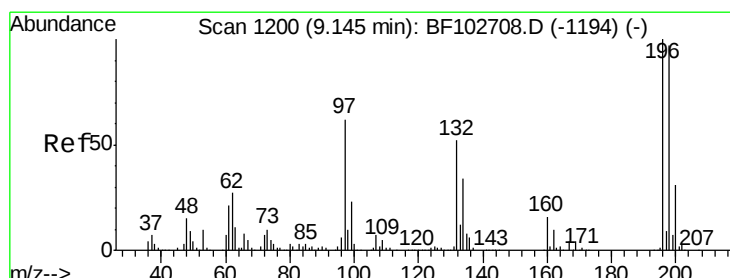
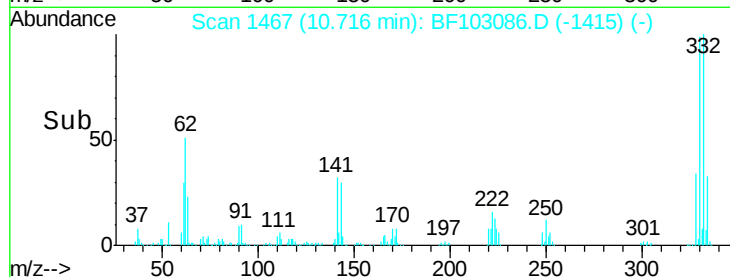
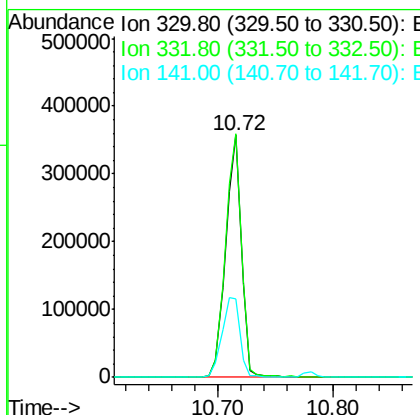
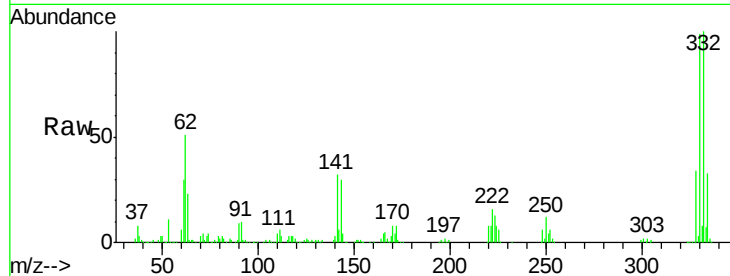
#41
 2,4,6-Tribromophenol
 Concen: 126.153 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Instrument :
 BNA_F
 ClientSampleId :
 BROOKMSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.6	77.0	115.6	
141	37.7	29.9	44.9	

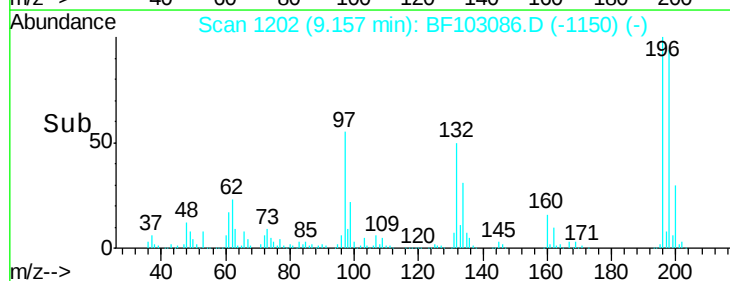
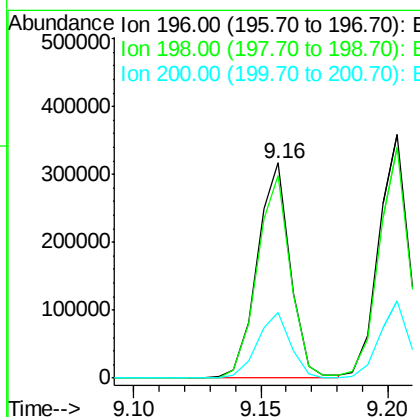
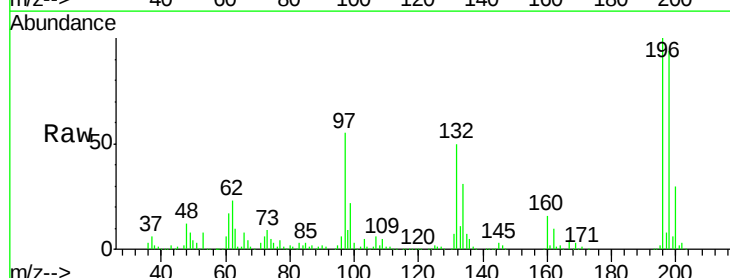
Manual Integrations
 APPROVED

Sohil
 2/20/2018 10:20:35 AM



#42
 2,4,6-Trichlorophenol
 Concen: 48.139 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.3	75.7	113.5	
200	30.4	24.5	36.7	





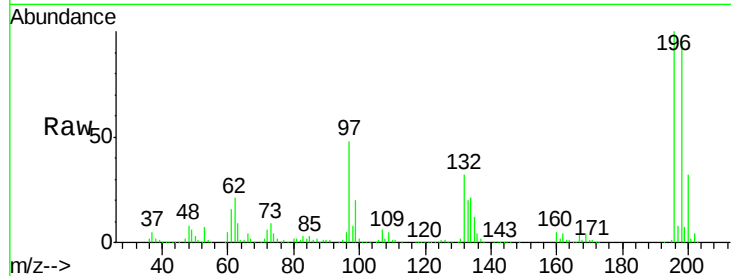
#43
 2,4,5-Trichlorophenol
 Concen: 44.199 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Instrument :
 BNA_F
 ClientSampleId :
 BROOKMSD

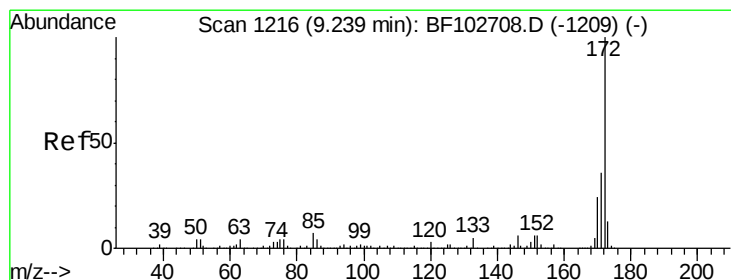
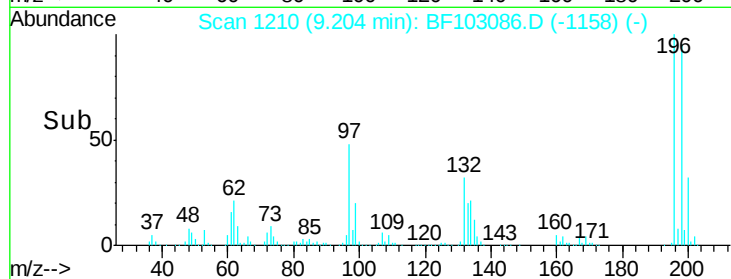
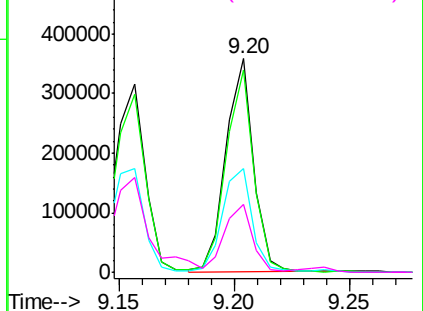
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	297195		
198	94.7	74.6	112.0	
97	48.4	42.9	64.3	
132	31.7	26.3	39.5	

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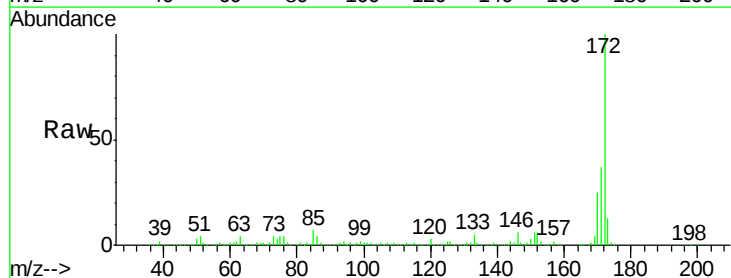


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

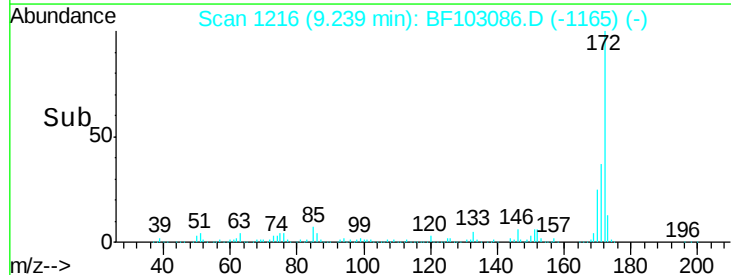
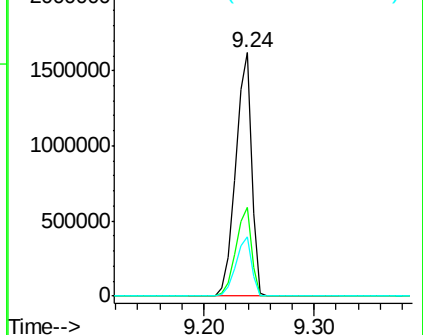


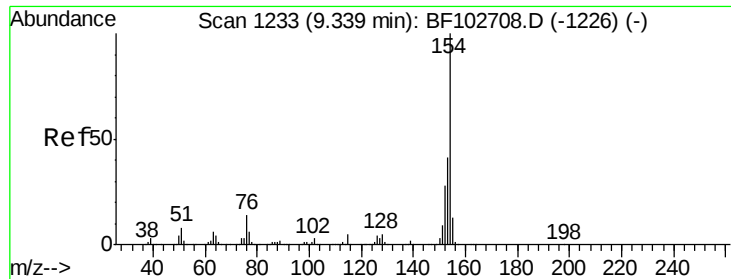
#44
 2-Fluorobiphenyl
 Concen: 81.813 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1644673		
171	36.6	29.7	44.5	
170	24.5	19.6	29.4	



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





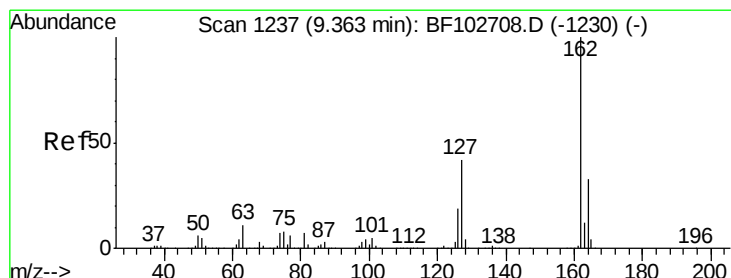
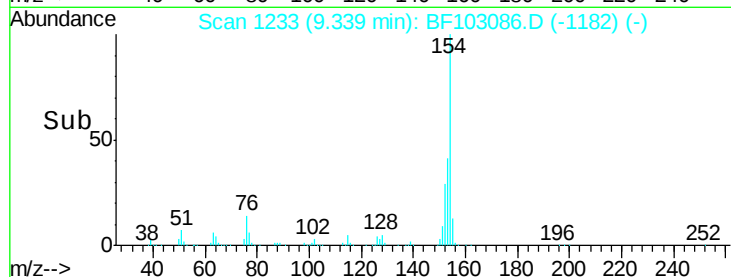
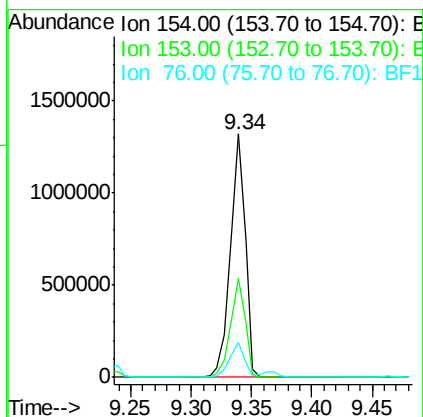
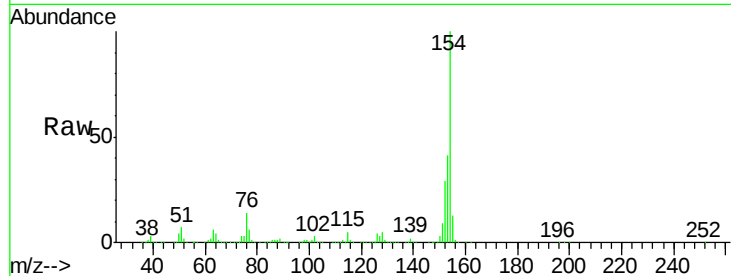
#45
1,1'-Biphenyl
Concen: 40.385 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Instrument :
BNA_F
ClientSampleId :
BROOKMSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	14.2	0.0	34.0

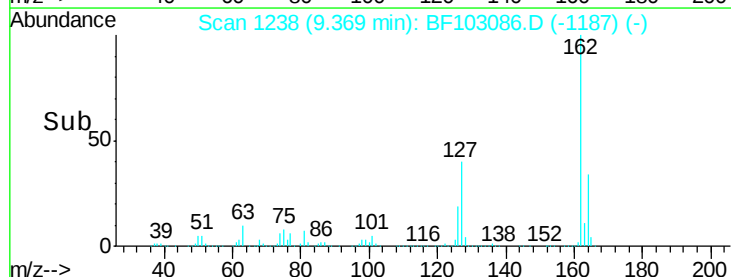
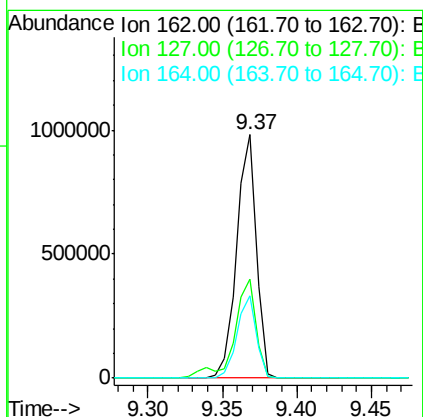
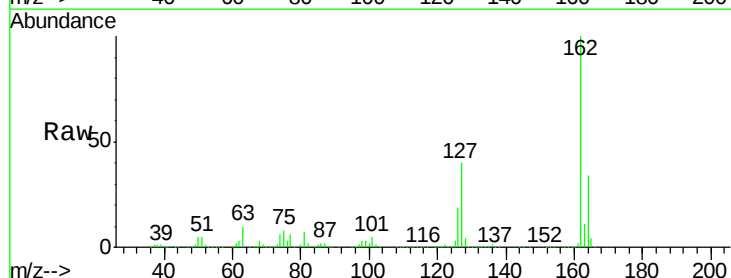
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#46
2-Chloronaphthalene
Concen: 41.194 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.9	50.9
164	33.6	26.5	39.7





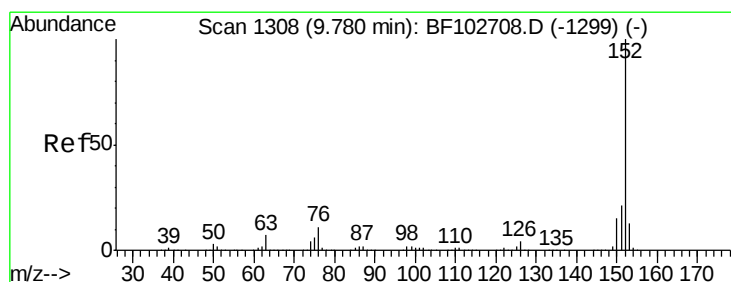
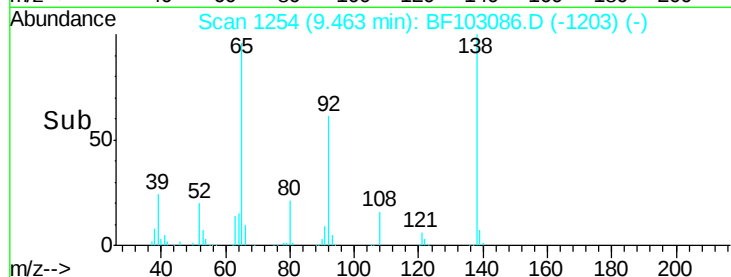
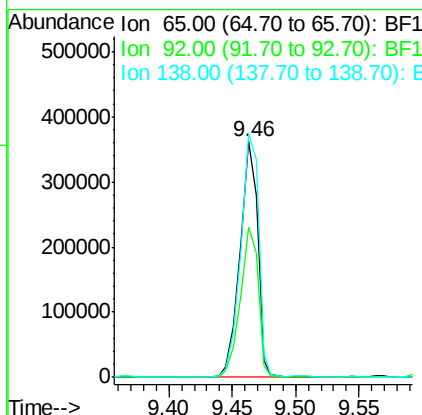
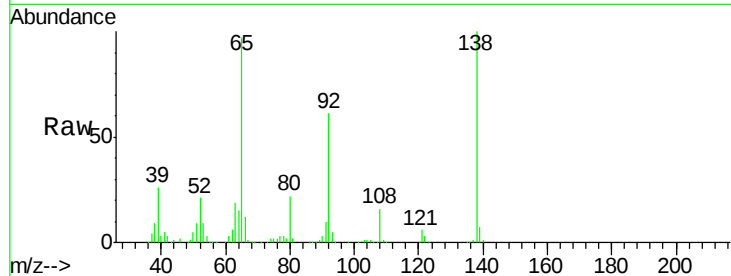
#47
2-Nitroaniline
Concen: 50.865 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Instrument :
BNA_F
ClientSampleId :
BROOKMSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	348705		
92	63.5	55.8	83.6	
138	103.3	91.2	136.8	

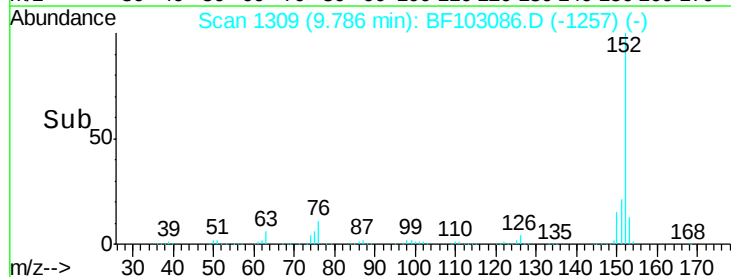
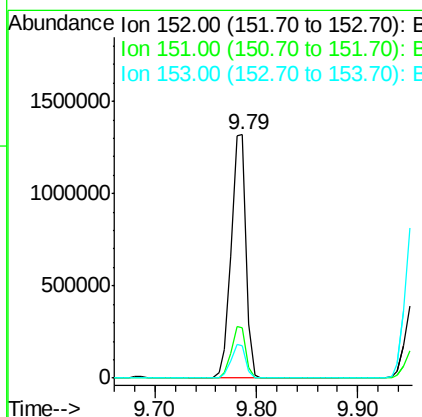
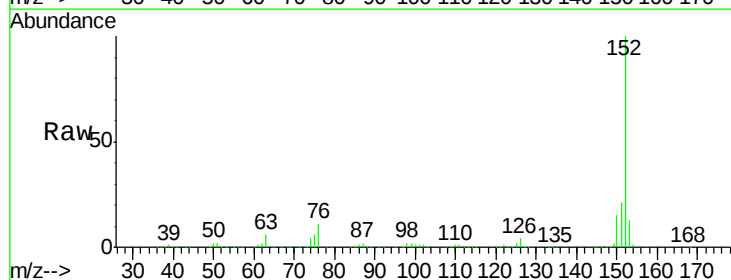
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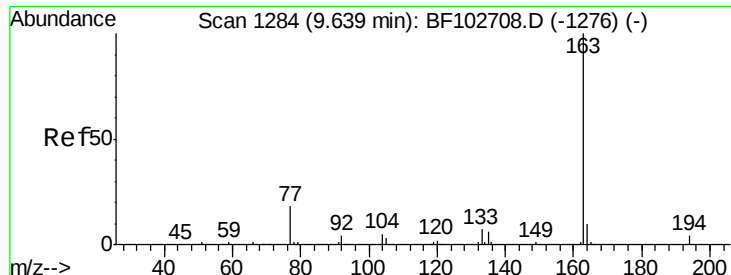
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#48
Acenaphthylene
Concen: 39.005 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1340022		
151	20.8	16.3	24.5	
153	13.1	10.7	16.1	





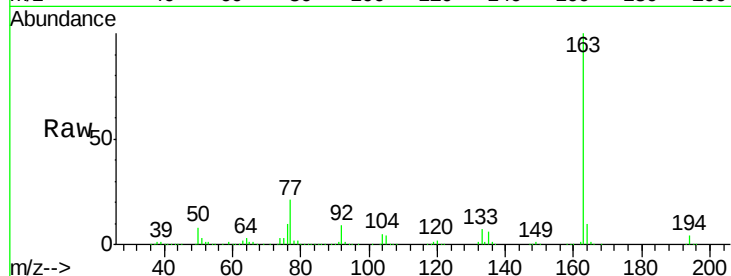
#49
Dimethylphthalate
Concen: 47.167 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Instrument :
BNA_F
ClientSampleId :
BROOKMSD

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.1	8.2	12.2

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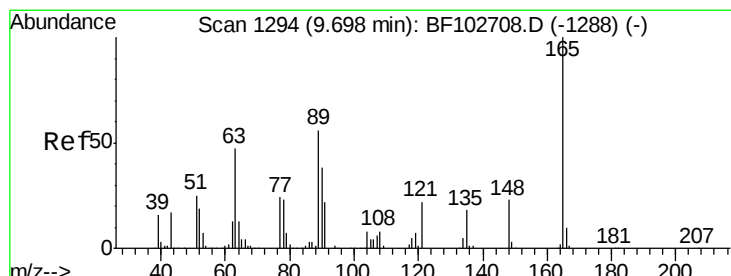
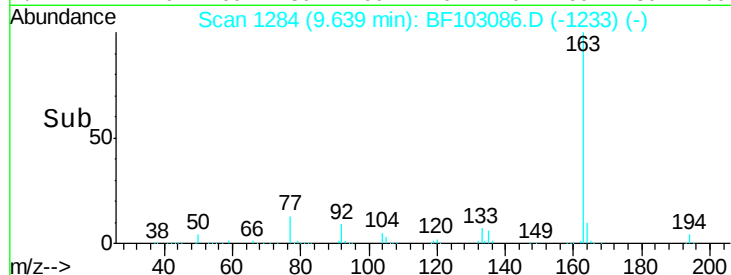
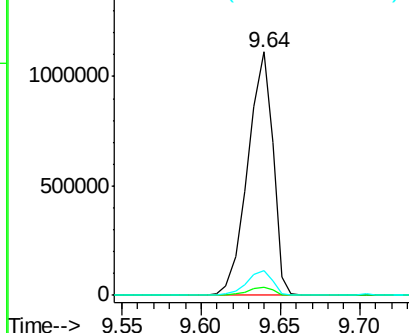


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 50.326 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

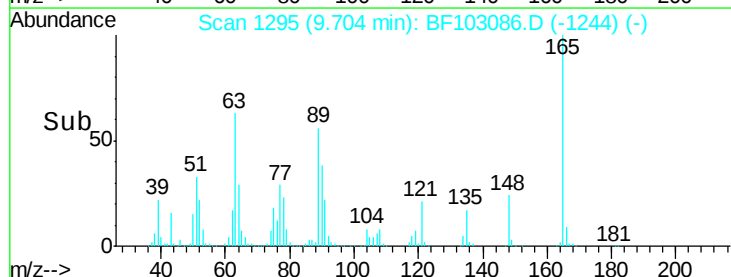
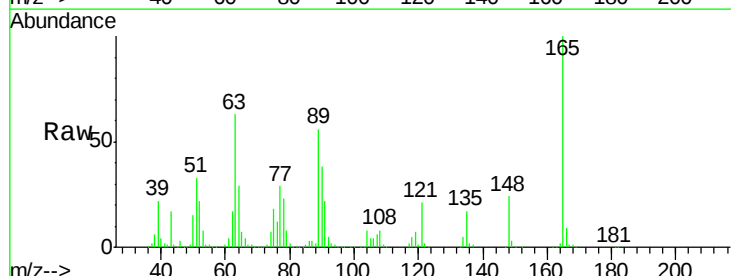
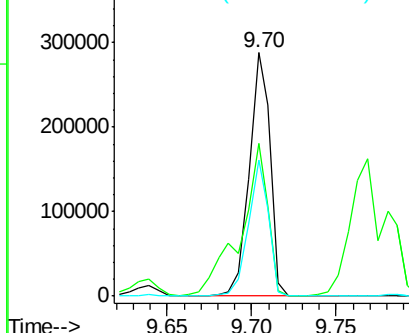
Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.7	44.7	67.1
89	56.0	44.0	66.0

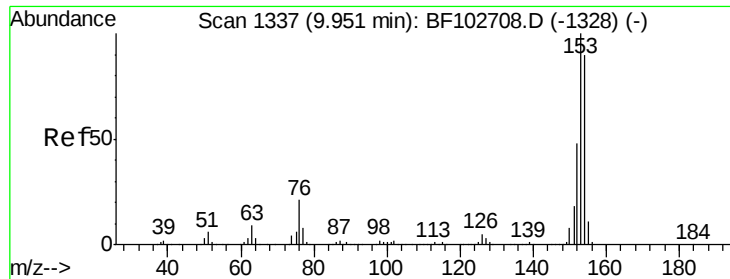
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 37.871 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF103086.D

Acq: 19 Feb 2018 16:58

Instrument :

BNA_F

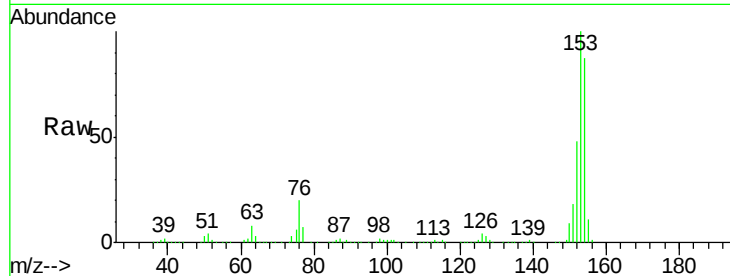
ClientSampleId :

BROOKMSD

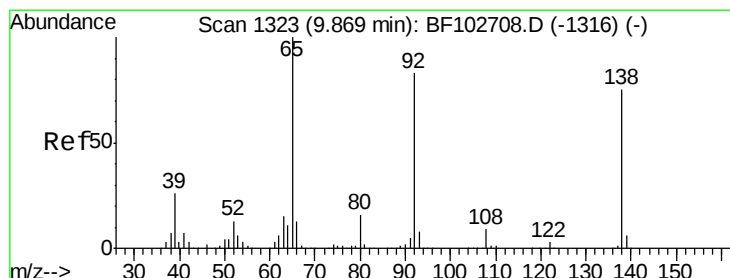
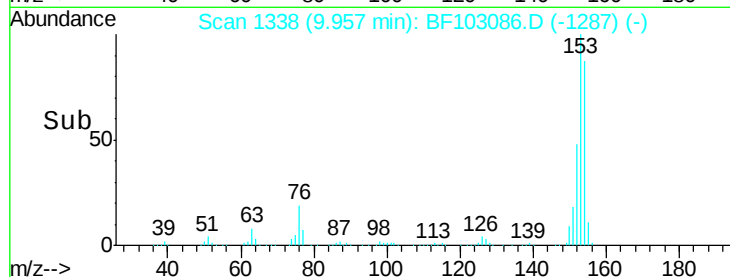
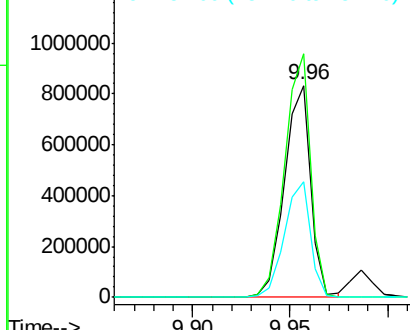
Tgt Ion:	154	Resp:	778080
Ion Ratio	Lower	Upper	
154	100		
153	114.7	91.2	136.8
152	54.6	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.260 ng

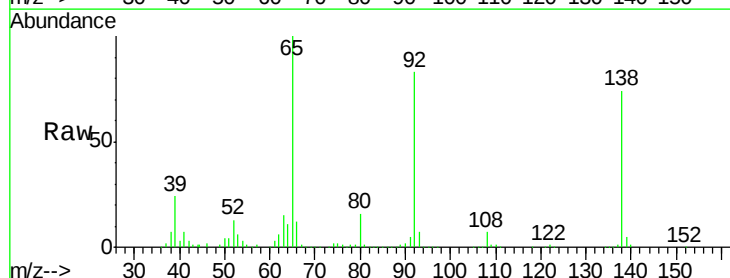
RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

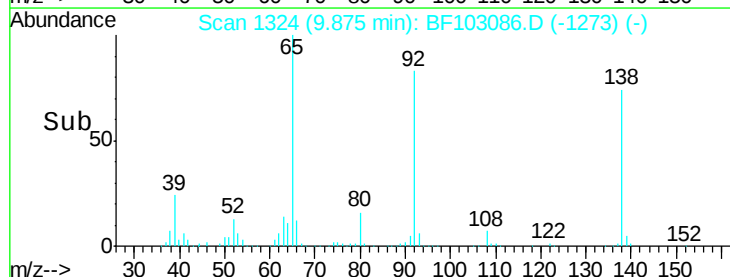
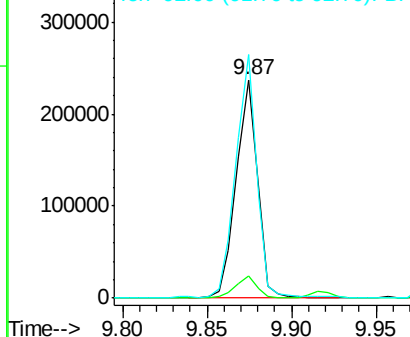
Lab File: BF103086.D

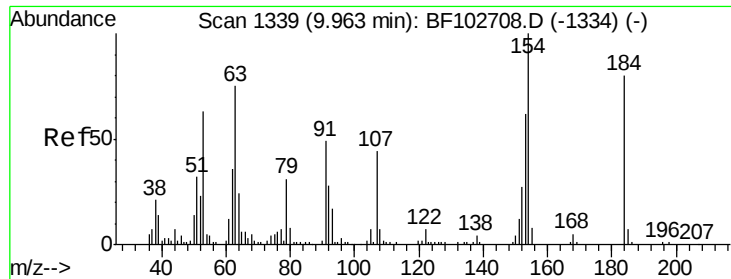
Acq: 19 Feb 2018 16:58

Tgt Ion:	138	Resp:	208604
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.4	14.0
92	111.6	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





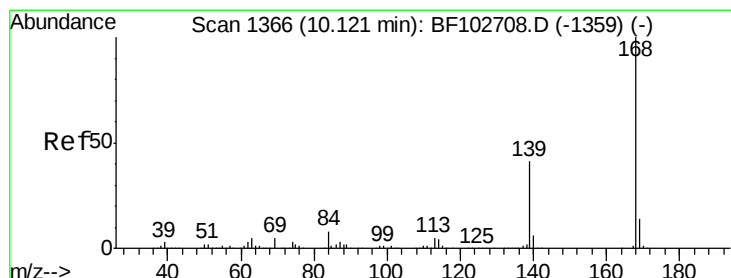
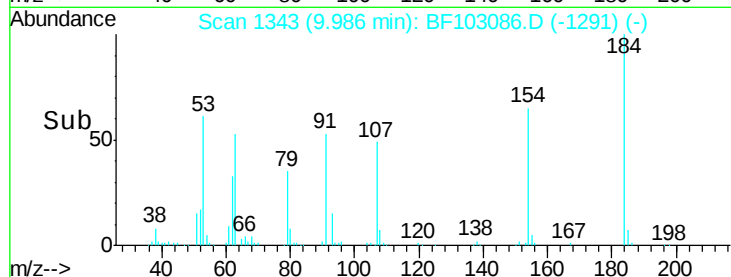
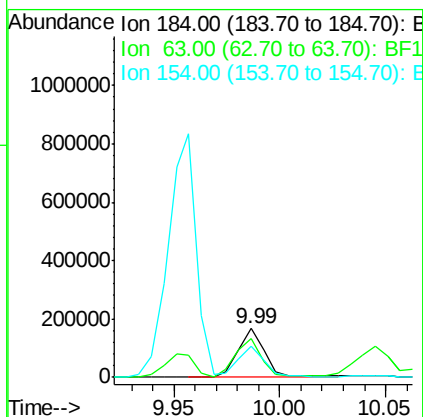
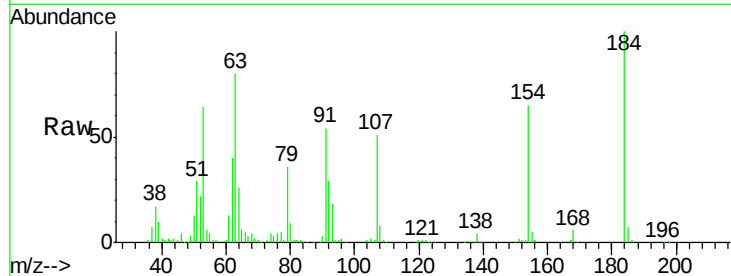
#53
2,4-Dinitrophenol
Concen: 85.583 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Instrument :
BNA_F
ClientSampleId :
BROOKMSD

Tgt Ion	Ratio	Lower	Upper
184	100		
63	80.2	54.2	81.2
154	65.1	184.0	276.0#

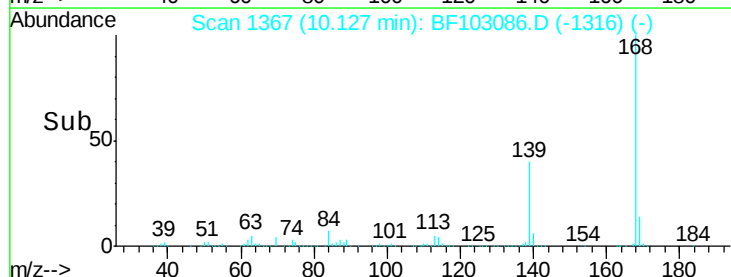
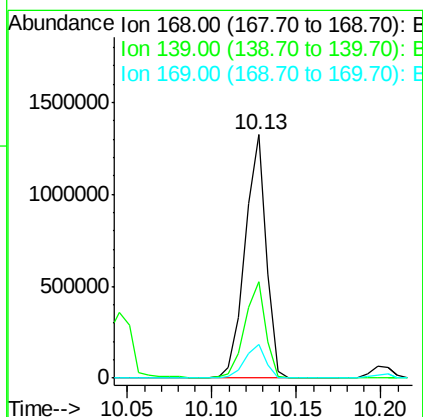
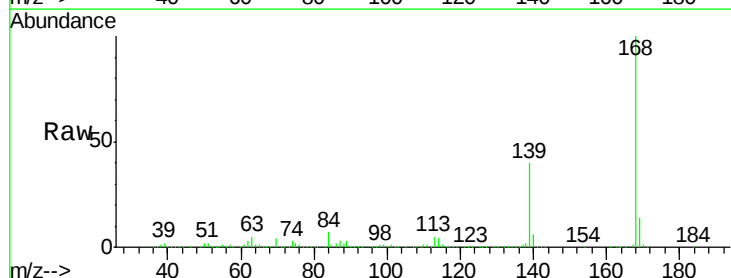
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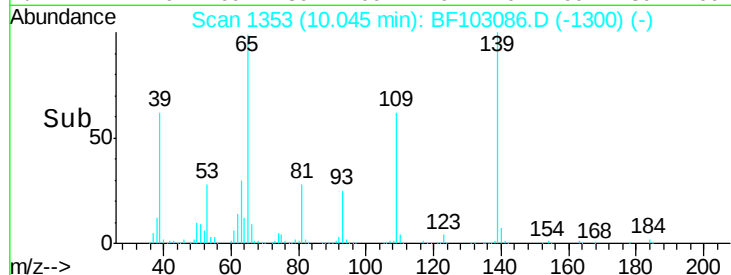
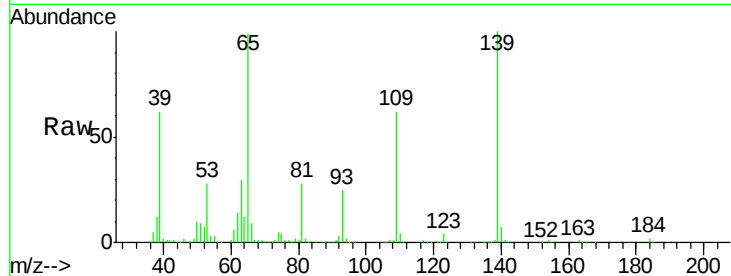
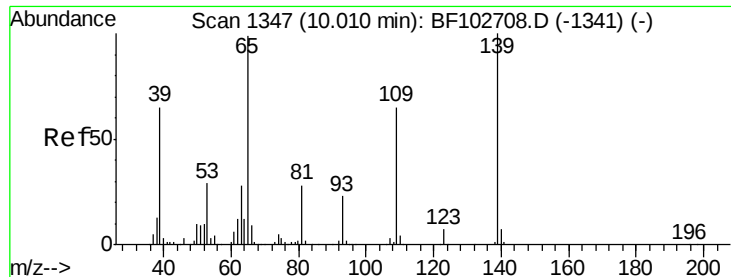
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#54
Dibenzofuran
Concen: 40.041 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.1	45.1
169	13.7	10.9	16.3





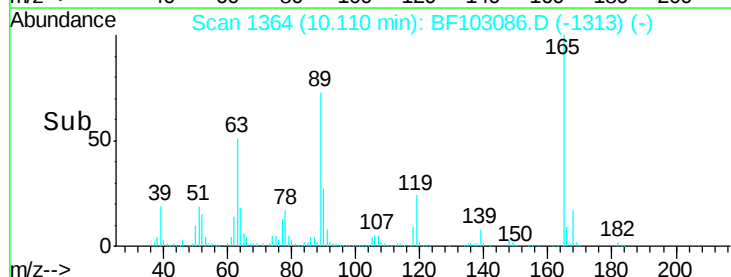
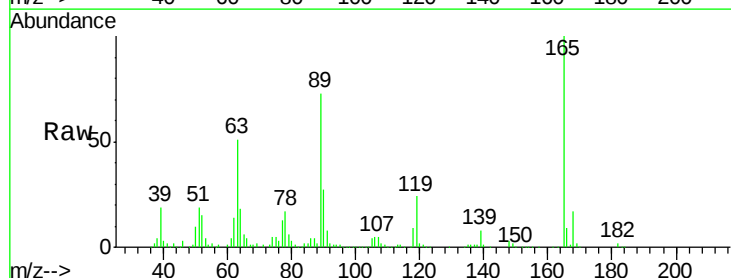
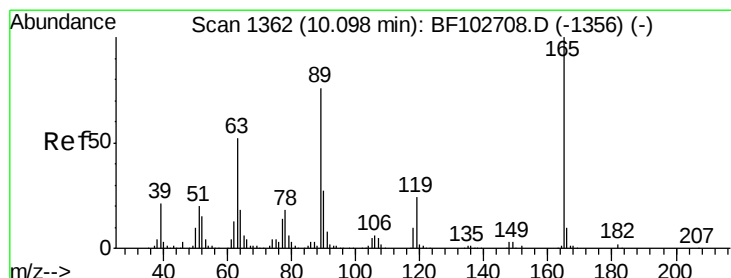
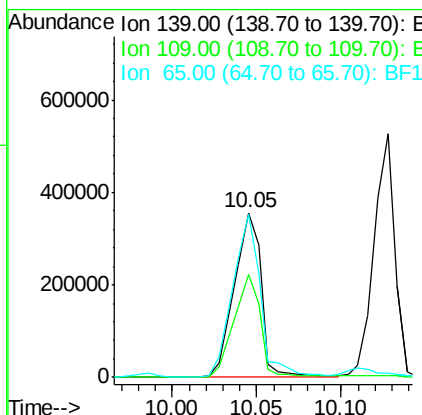
#55
4-Nitrophenol
Concen: 79.253 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Instrument :
BNA_F
ClientSampleId :
BROOKMSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	396358		
109	62.5	48.4	88.4	
65	99.0	72.6	112.6	

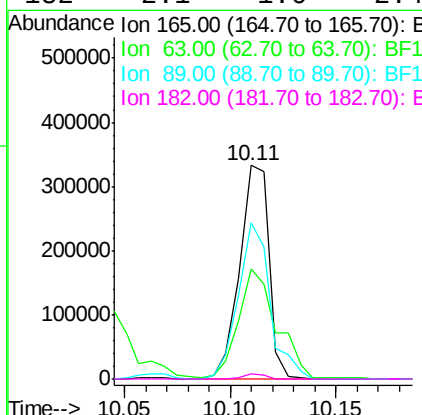
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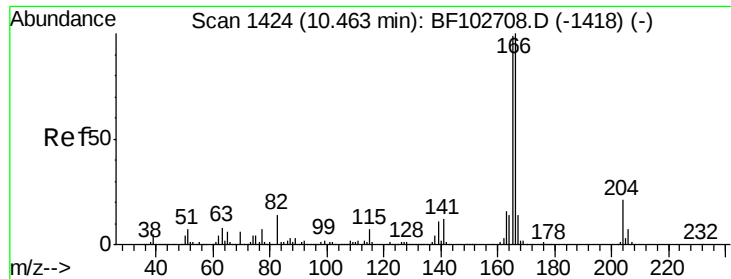
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#56
2,4-Dinitrotoluene
Concen: 48.195 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	319938		
63	51.4	36.4	54.6	
89	73.1	57.8	86.6	
182	2.1	1.6	2.4	





#57

Fluorene

Concen: 41.624 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF103086.D

Acq: 19 Feb 2018 16:58

Instrument :

BNA_F

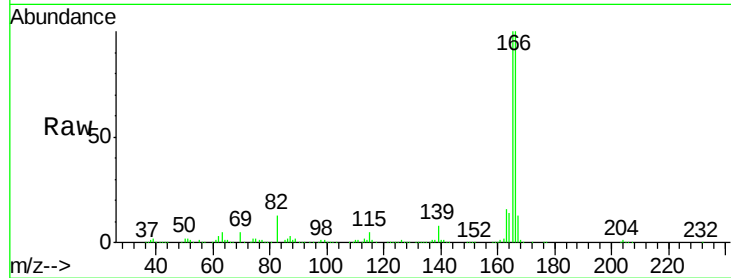
ClientSampled :

BROOKMSD

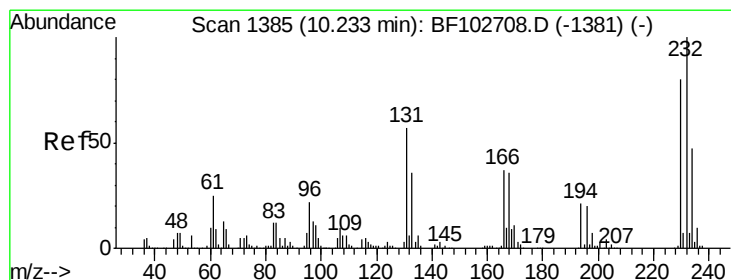
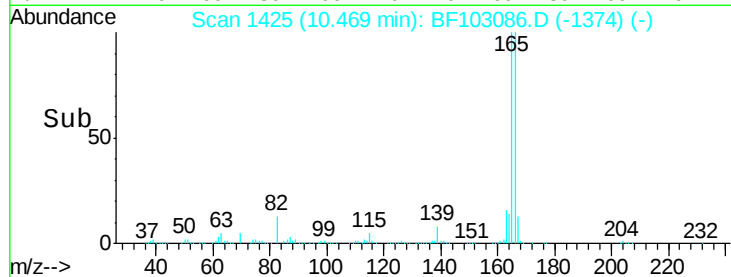
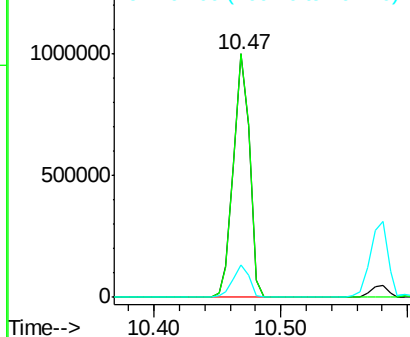
Tgt Ion:	166	Resp:	876877
Ion Ratio	Lower	Upper	
166	100		
165	100.1	79.8	119.8
167	13.4	10.6	16.0

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.259 ng

RT: 10.25 min Scan# 1387

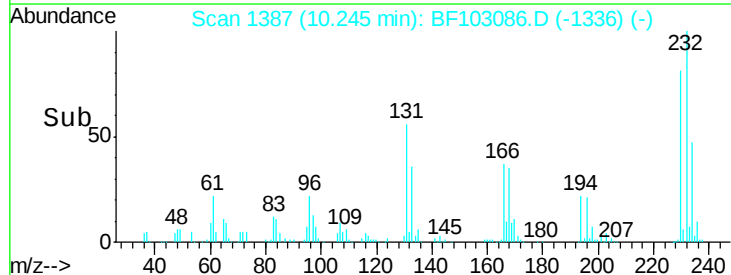
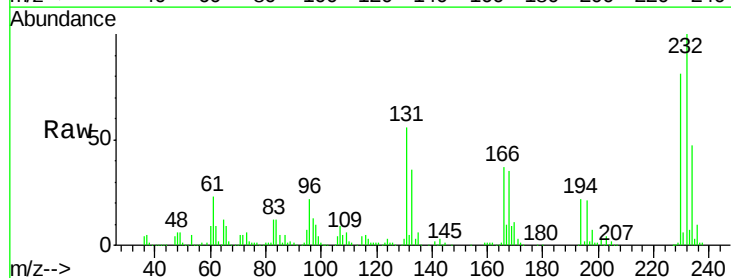
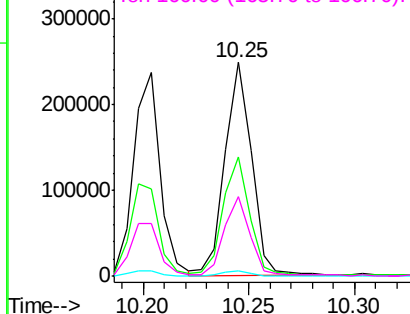
Delta R.T. -0.00 min

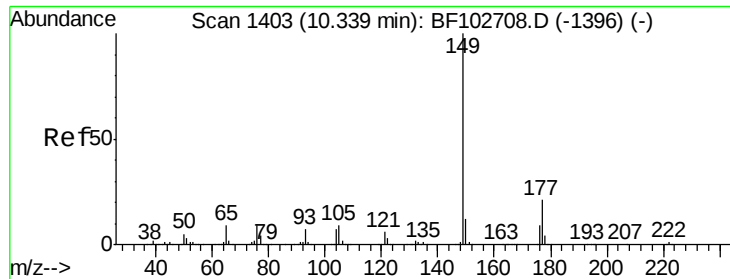
Lab File: BF103086.D

Acq: 19 Feb 2018 16:58

Tgt Ion:	232	Resp:	215581
Ion Ratio	Lower	Upper	
232	100		
131	56.5	43.8	65.8
130	2.8	2.1	3.1
166	36.6	27.8	41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





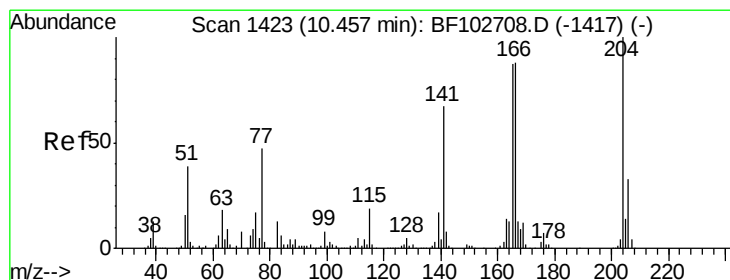
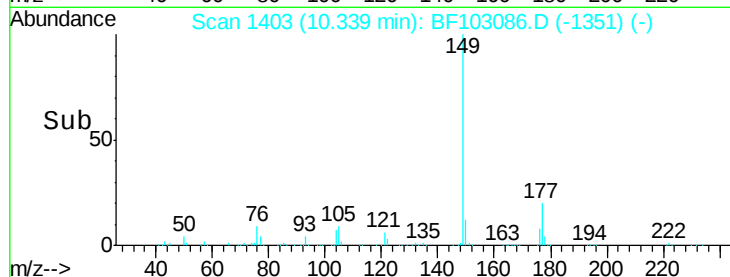
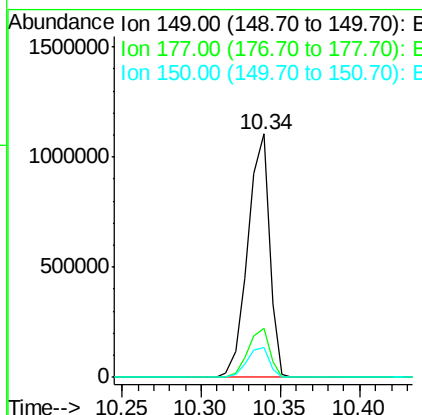
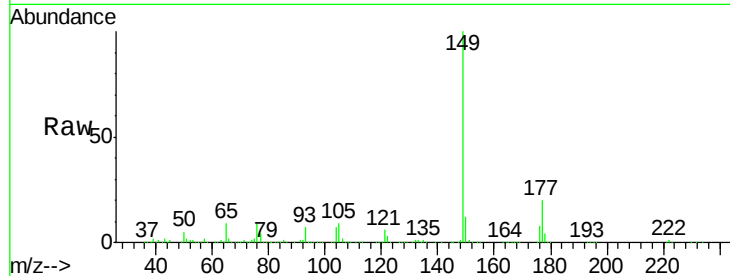
#59
Diethylphthalate
Concen: 40.901 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Instrument :
BNA_F
ClientSampled :
BROOKMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.4	16.1	24.1
150	12.3	10.1	15.1

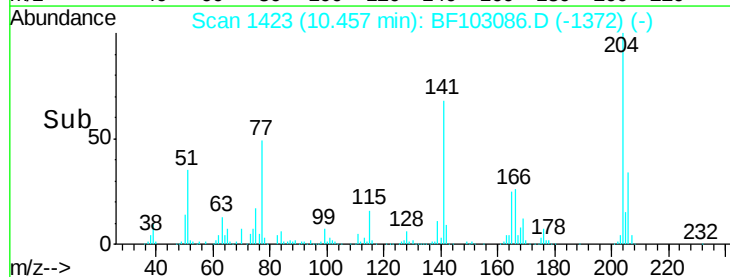
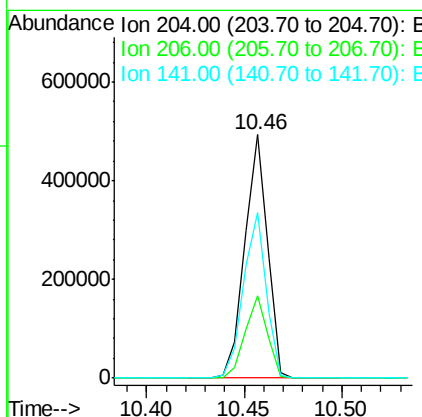
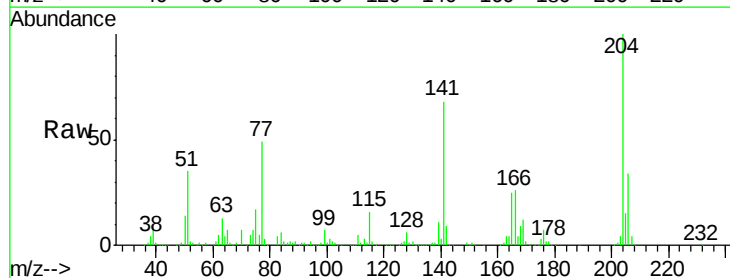
Manual Integrations
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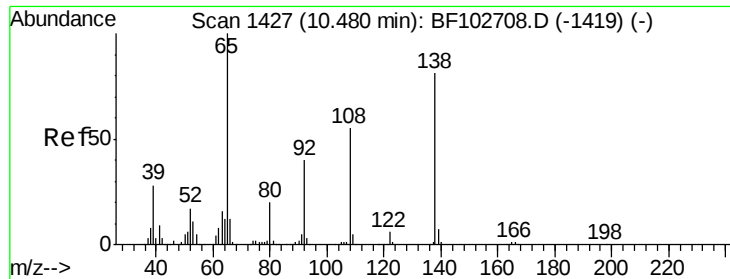
Sohil
2/20/2018 10:20:35 AM



#60
4-Chlorophenyl-phenylether
Concen: 42.808 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.5	39.7
141	68.0	54.6	81.8





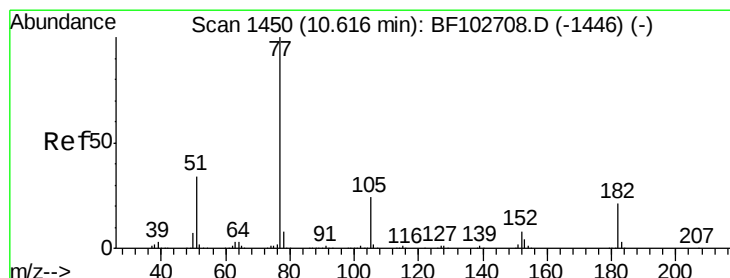
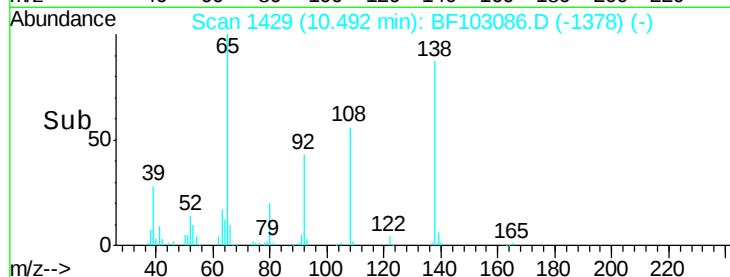
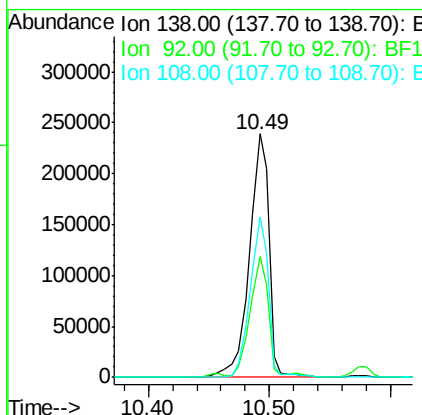
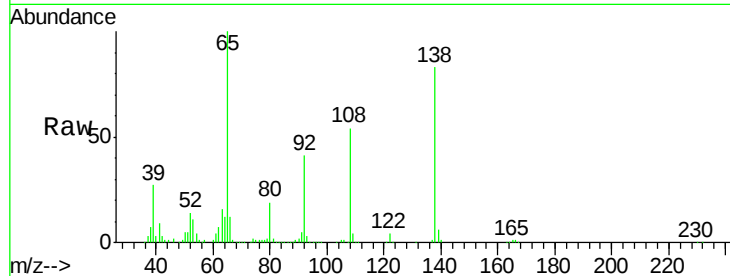
#61
4-Nitroaniline
Concen: 46.968 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Instrument :
BNA_F
ClientSampleId :
BROOKMSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	30.2	70.2
108	65.7	52.5	92.5

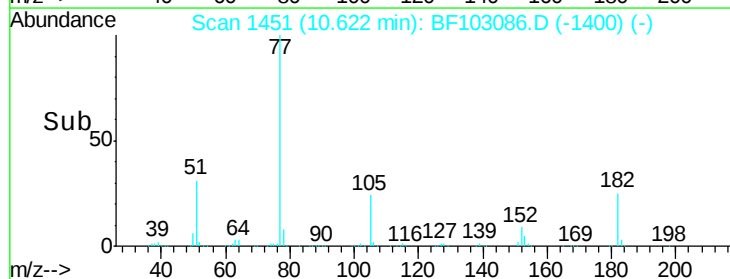
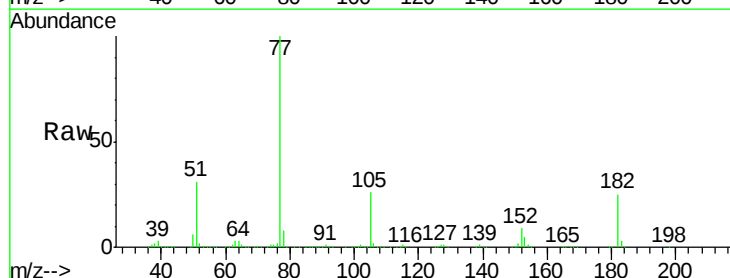
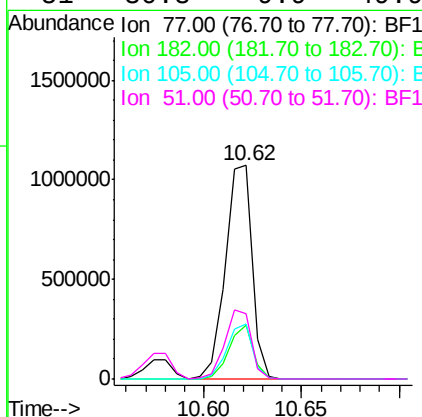
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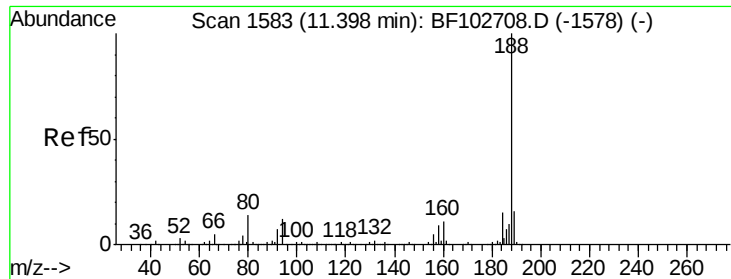
Sohil
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#62
Azobenzene
Concen: 39.648 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.9	1.7	41.7
105	25.5	3.0	43.0
51	30.8	9.9	49.9





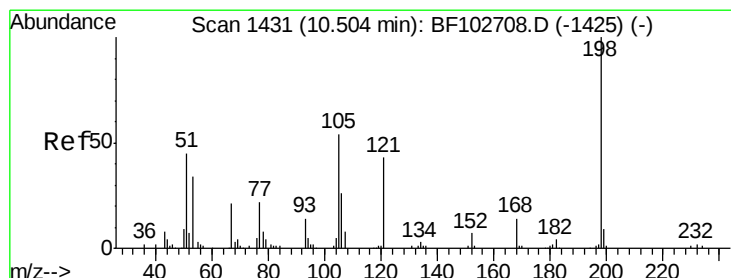
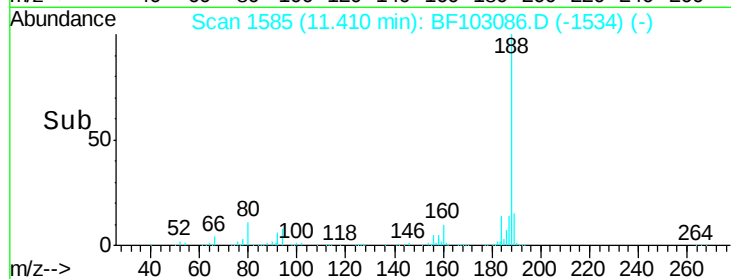
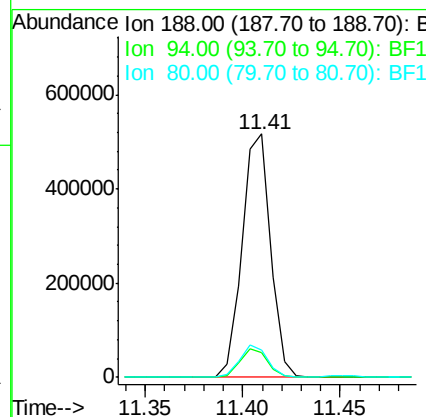
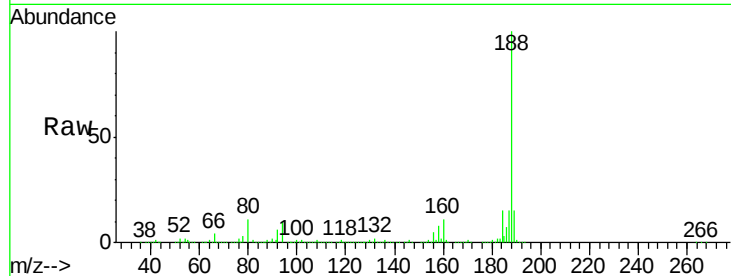
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Instrument :
BNA_F
ClientSampleId :
BROOKMSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	522162		
94	10.0	8.5	12.7	
80	11.5	9.2	13.8	

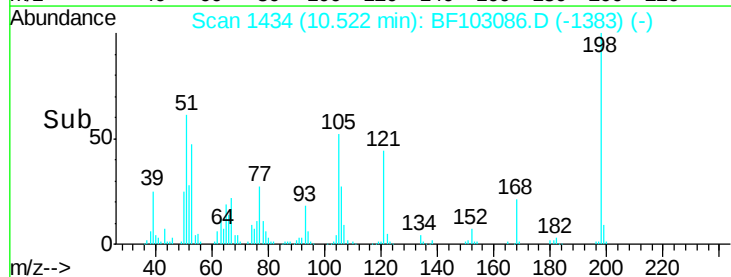
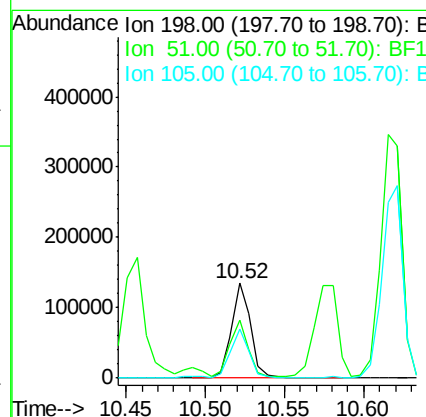
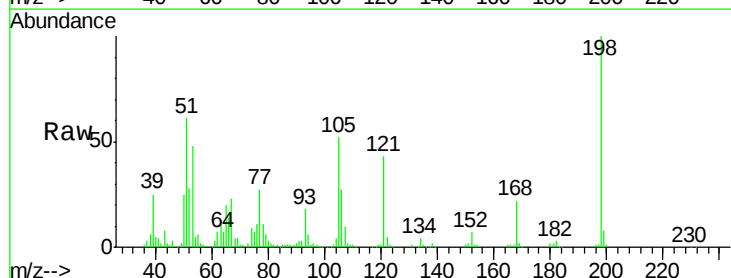
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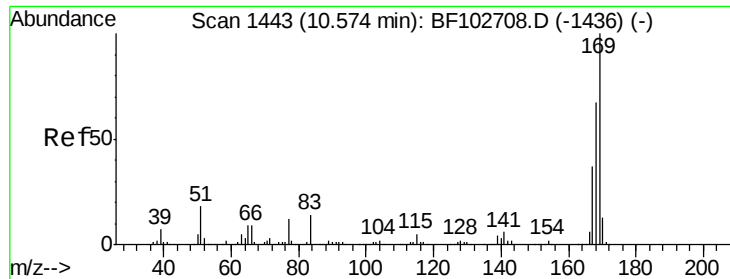
Sohil
2/20/2018 10:20:35 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 50.650 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	112239		
51	61.4	37.7	77.7	
105	52.1	36.3	76.3	





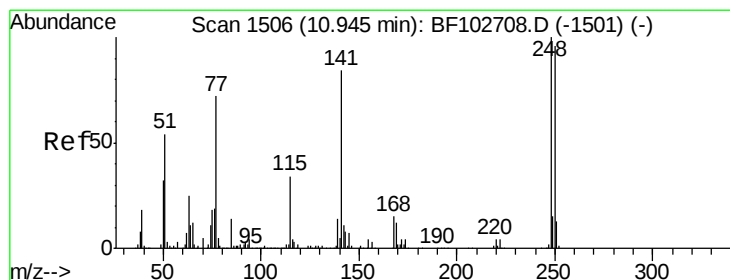
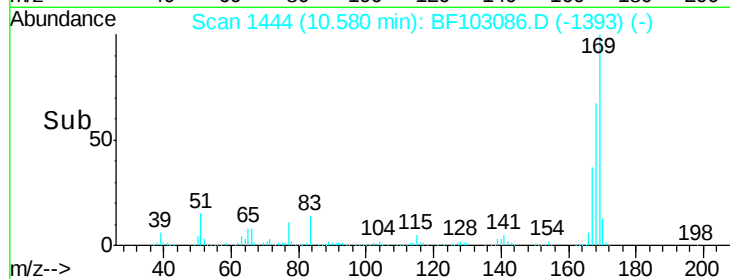
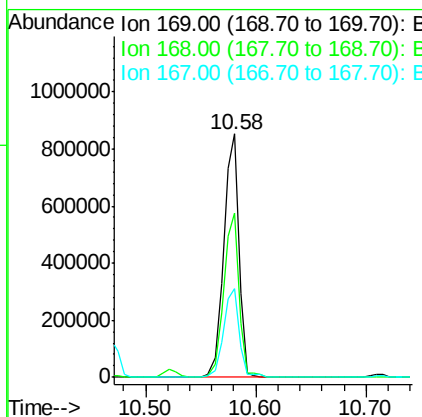
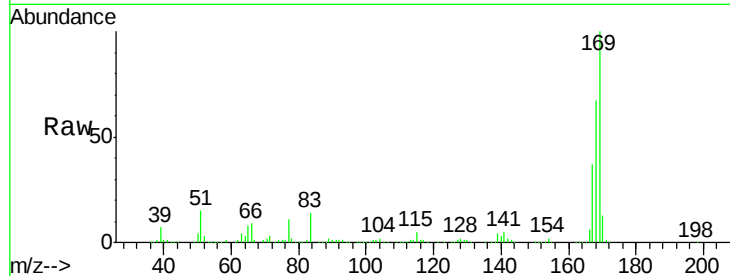
#65
n-Nitrosodiphenylamine
Concen: 44.463 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Instrument :
BNA_F
ClientSampleId :
BROOKMSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	818933		
168	67.4	54.4	81.6	
167	36.6	29.8	44.6	

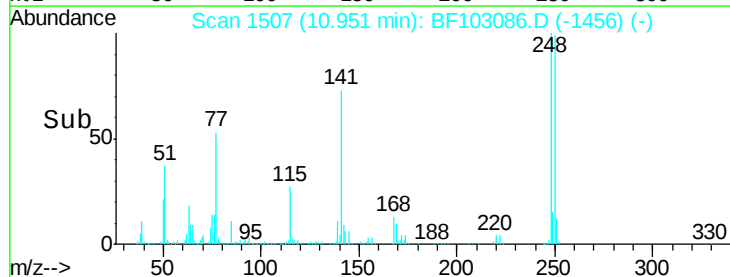
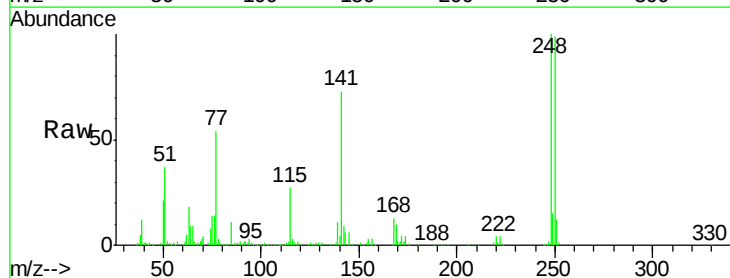
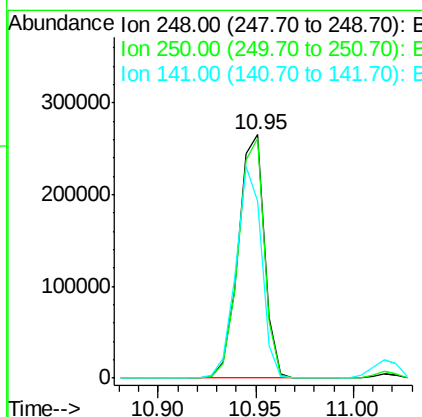
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#66
4-Bromophenyl-phenylether
Concen: 44.415 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	245326		
250	98.6	76.9	115.3	
141	72.8	74.4	111.6	





#67

Hexachlorobenzene

Concen: 40.780 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BF103086.D

Acq: 19 Feb 2018 16:58

Instrument :

BNA_F

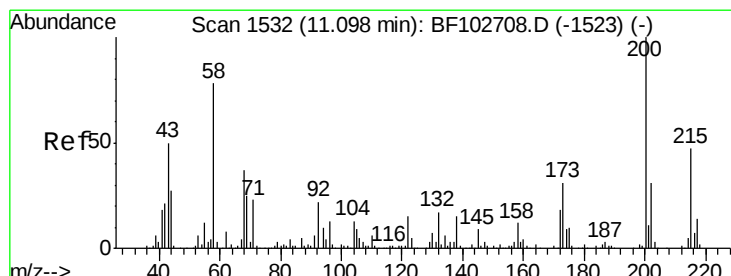
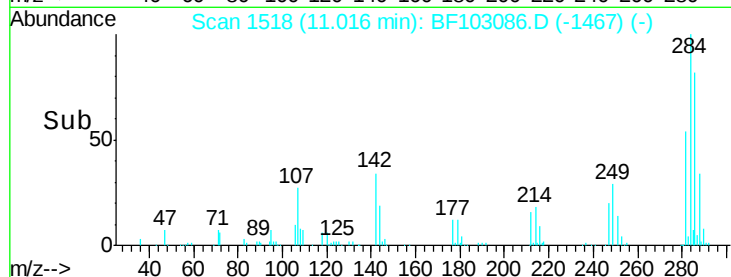
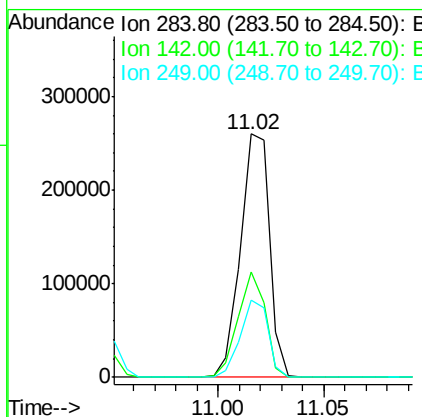
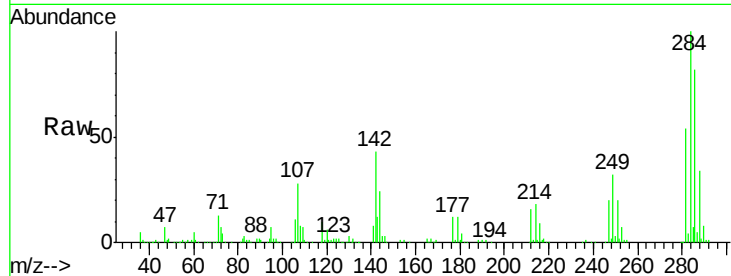
ClientSampleId :

BROOKMSD

Tgt Ion:	284	Resp:	248491
Ion Ratio	Lower	Upper	
284	100		
142	43.1	34.6	52.0
249	31.8	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 45.479 ng

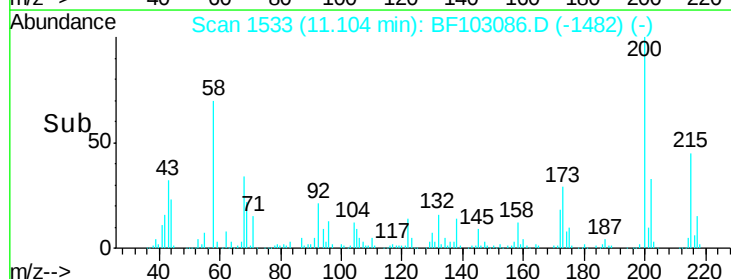
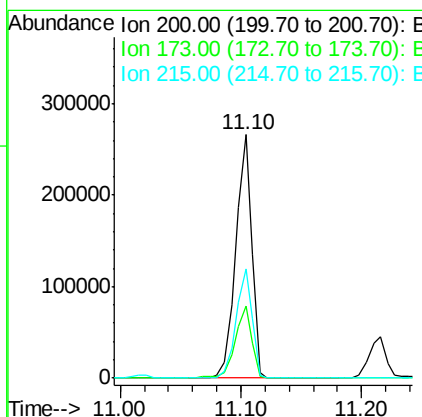
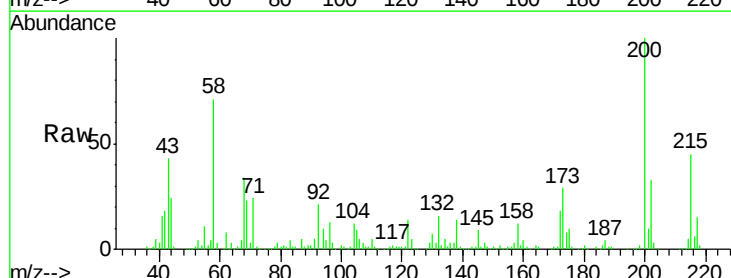
RT: 11.10 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BF103086.D

Acq: 19 Feb 2018 16:58

Tgt Ion:	200	Resp:	247114
Ion Ratio	Lower	Upper	
200	100		
173	29.4	8.6	48.6
215	45.1	25.1	65.1





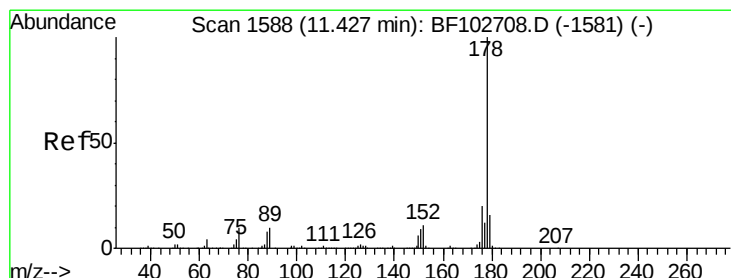
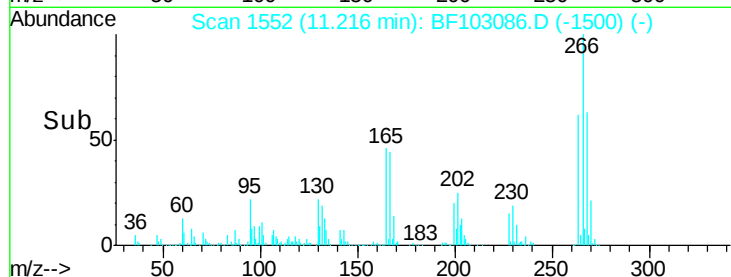
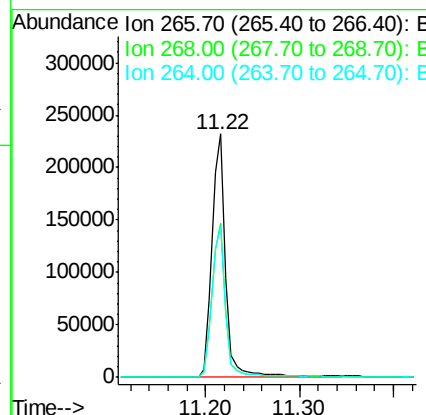
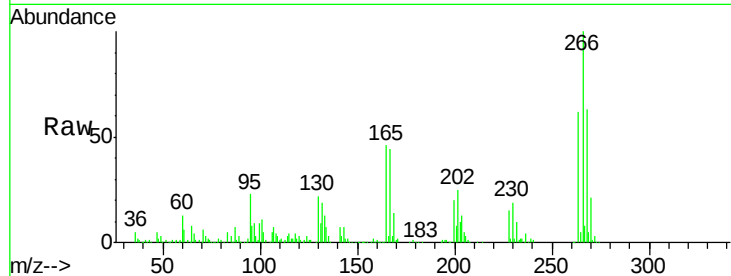
#69
 Pentachlorophenol
 Concen: 67.428 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Instrument :
 BNA_F
 ClientSampleId :
 BROOKMSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	62.2	49.5	74.3

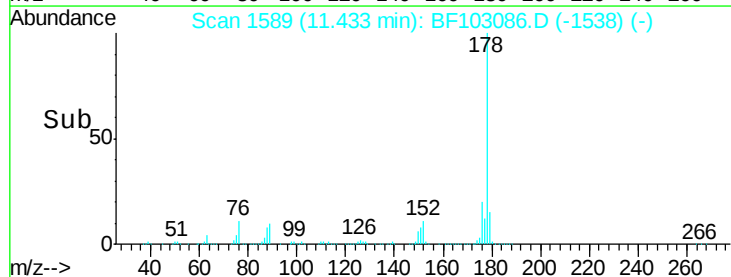
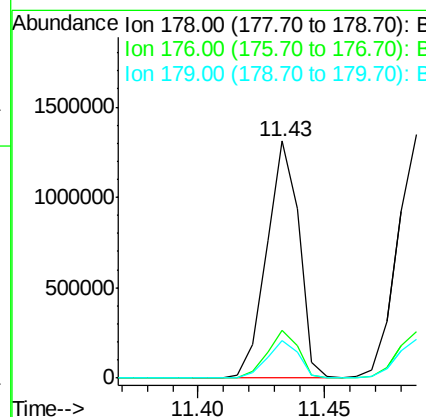
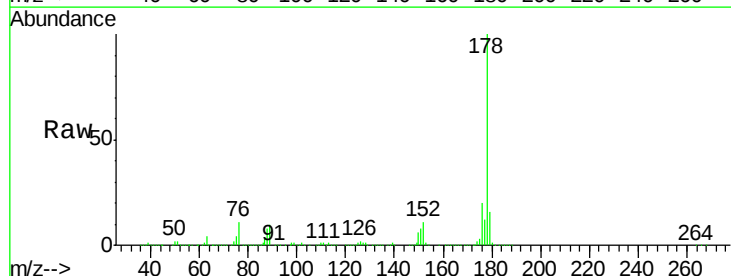
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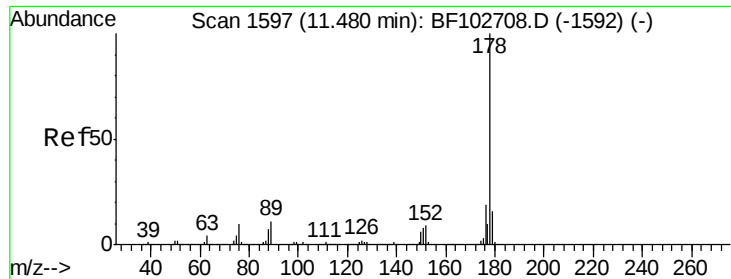
Sohil
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#70
 Phenanthrene
 Concen: 40.153 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.9	13.0	19.6





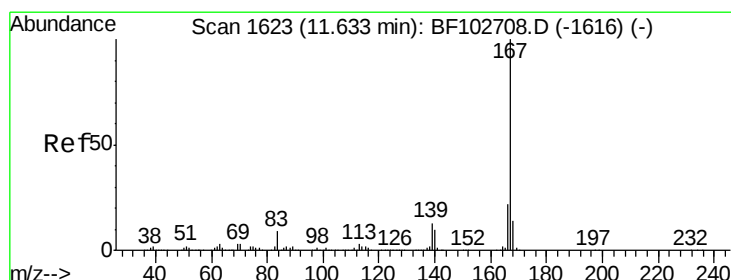
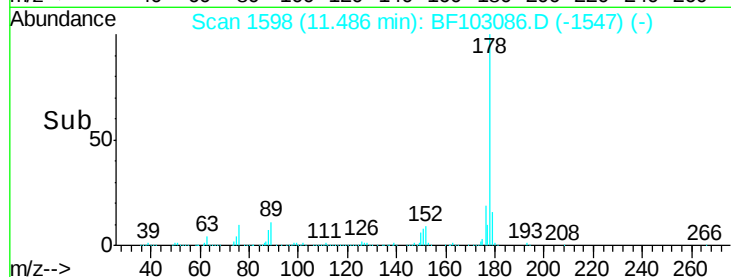
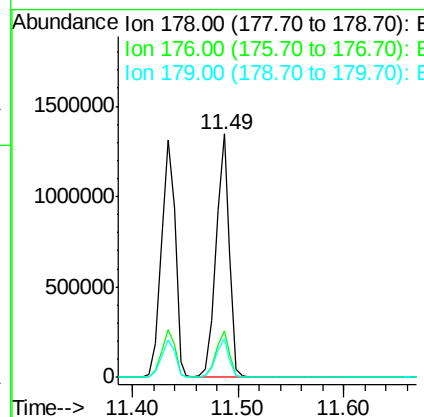
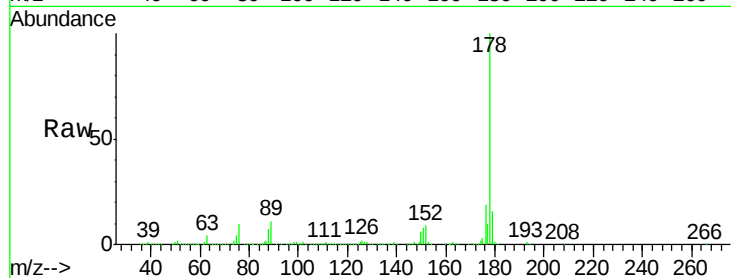
#71
 Anthracene
 Concen: 40.552 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Instrument :
 BNA_F
 ClientSampleId :
 BROOKMSD

Tgt Ion:178 Resp: 1199464
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.8 12.6 19.0

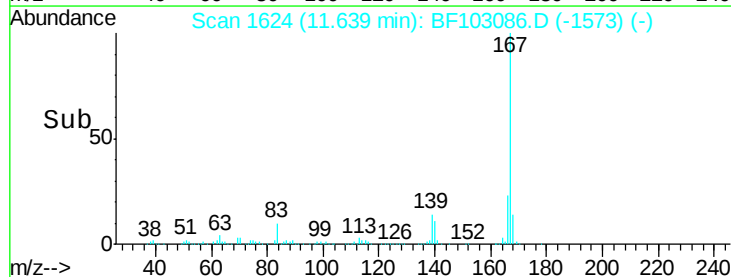
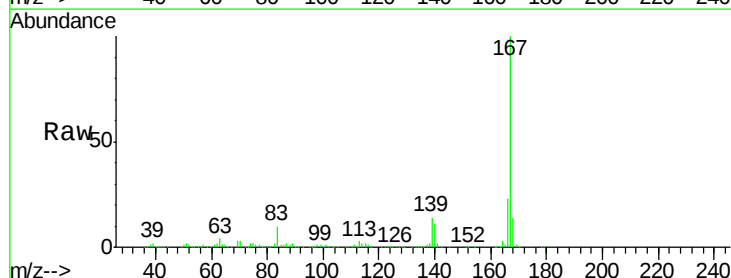
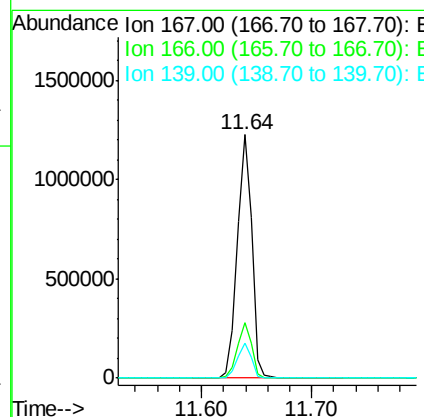
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#72
 Carbazole
 Concen: 39.551 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Tgt Ion:167 Resp: 1146081
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 14.4 10.9 16.3





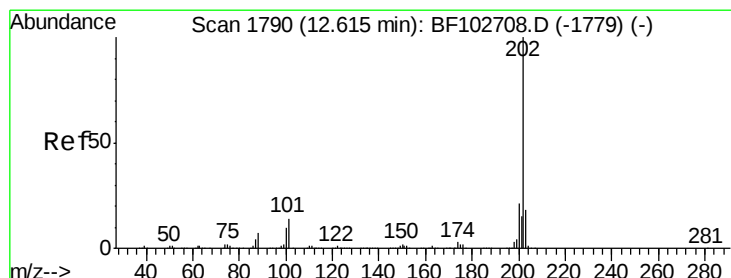
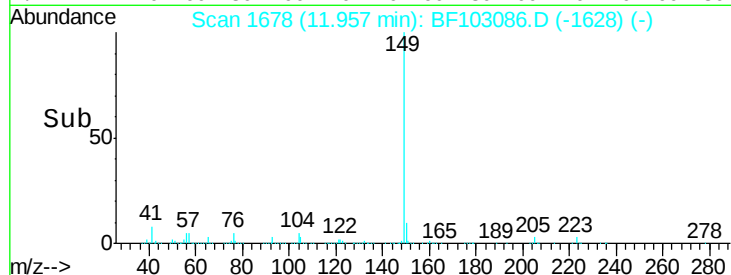
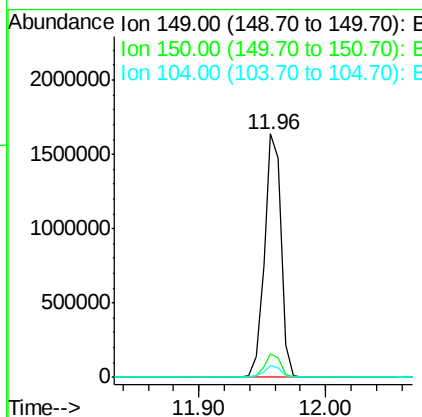
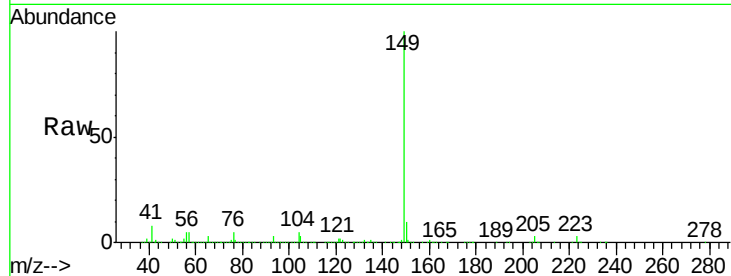
#73
Di-n-butylphthalate
Concen: 42.656 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Instrument :
BNA_F
ClientSampleId :
BROOKMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.8	3.8	5.8

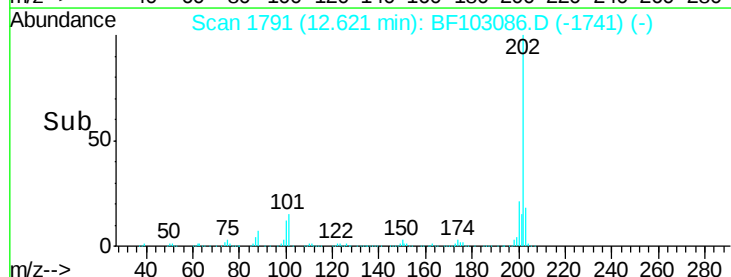
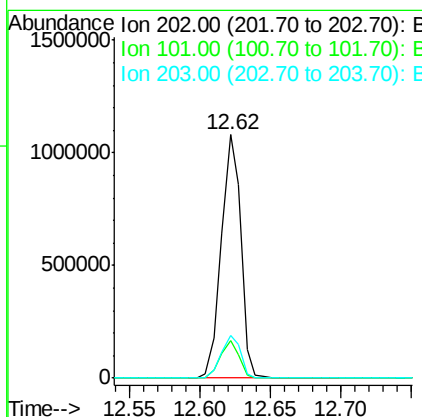
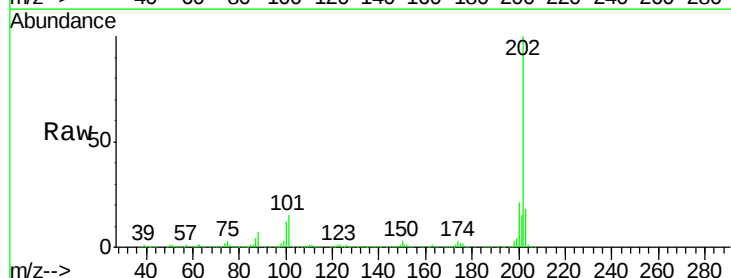
Manual Integrations
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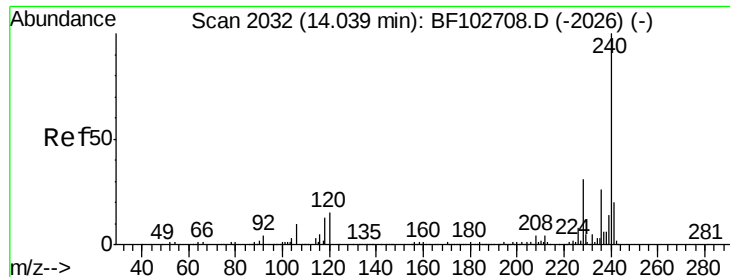
Sohil
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#74
Fluoranthene
Concen: 35.415 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103086.D

Acq: 19 Feb 2018 16:58

Instrument :

BNA_F

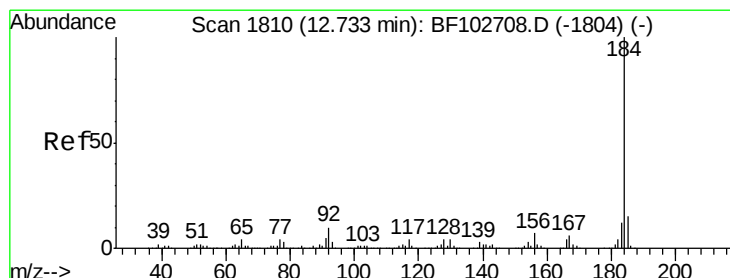
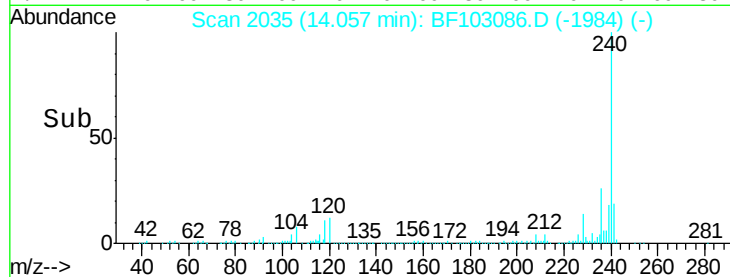
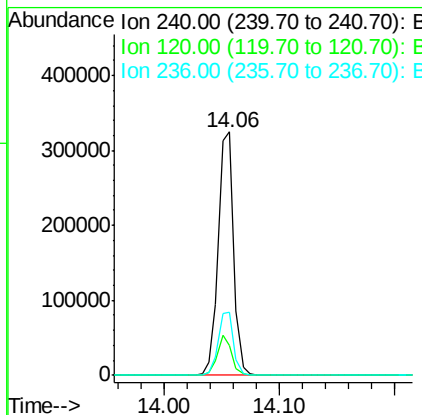
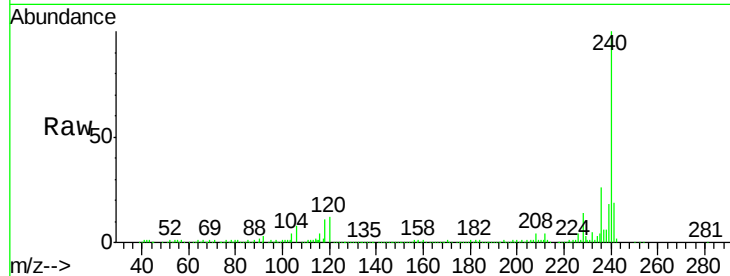
ClientSampleId :

BROOKMSD

Tgt Ion:	240	Resp:	301891
Ion Ratio	Lower	Upper	
240	100		
120	12.4	9.5	14.3
236	25.9	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 27.618 ng

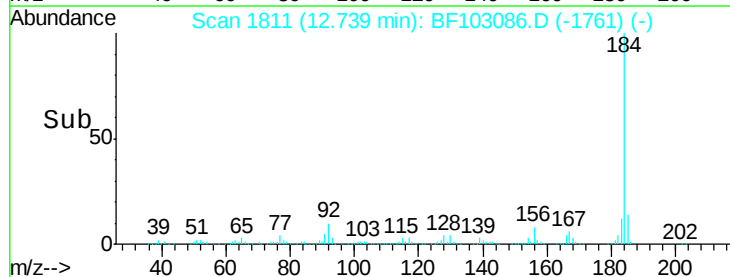
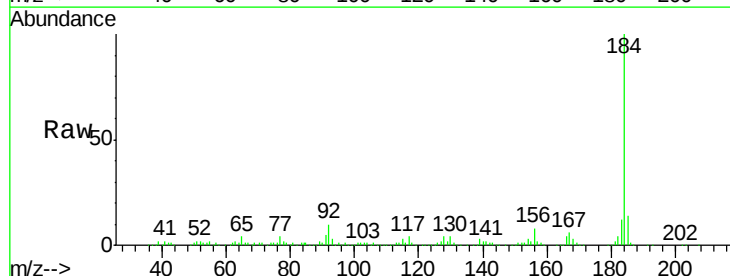
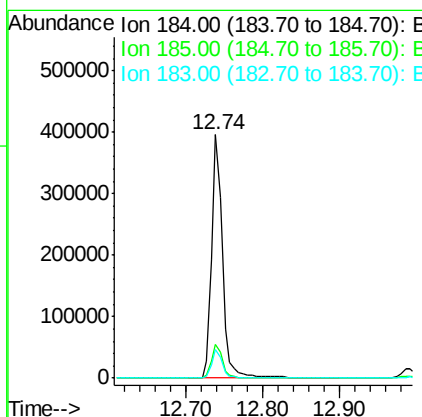
RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF103086.D

Acq: 19 Feb 2018 16:58

Tgt Ion:	184	Resp:	383195
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.6	18.8
183	11.7	9.3	13.9





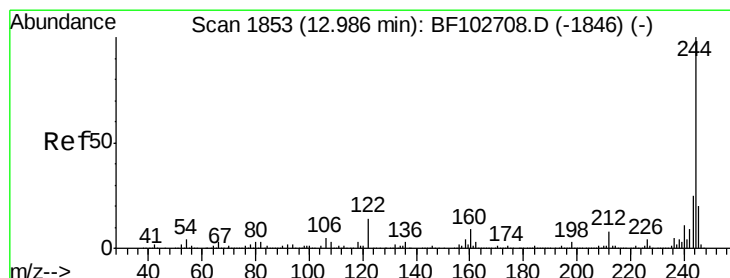
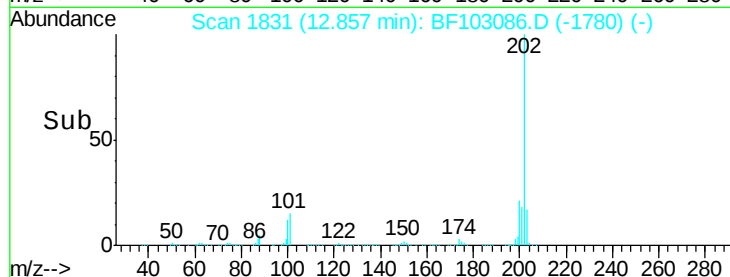
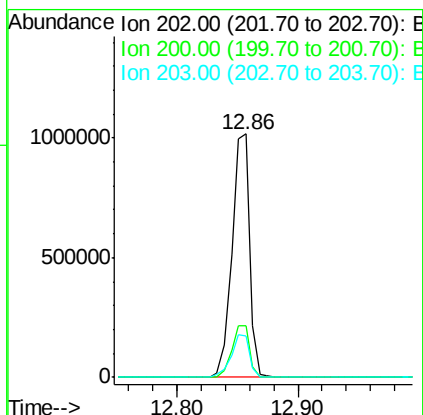
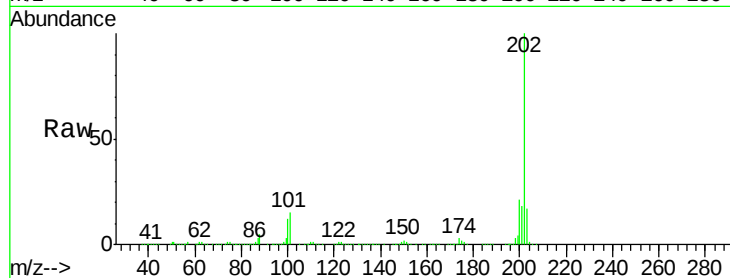
#77
 Pyrene
 Concen: 43.847 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Instrument :
 BNA_F
 ClientSampleId :
 BROOKMSD

Tgt Ion: 202 Resp: 1037987
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.4 26.2
 203 16.8 14.3 21.5

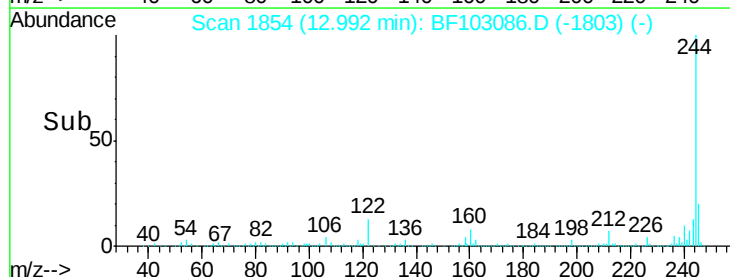
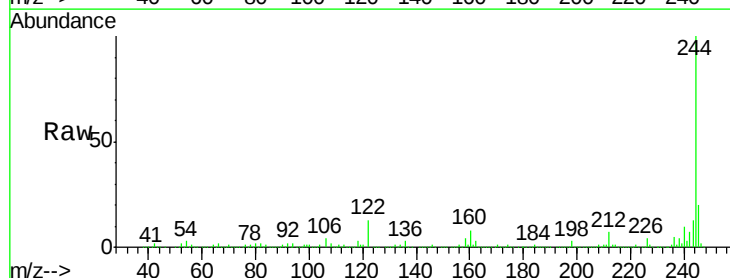
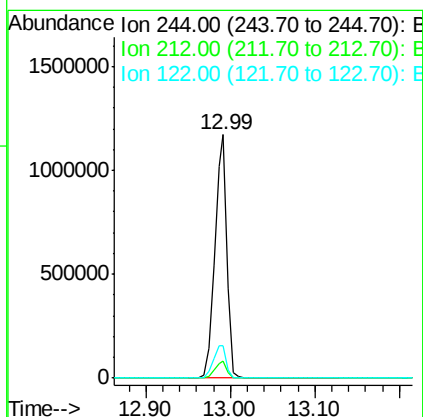
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#78
 Terphenyl-d14
 Concen: 93.461 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Tgt Ion: 244 Resp: 1191631
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.3 11.0 16.4





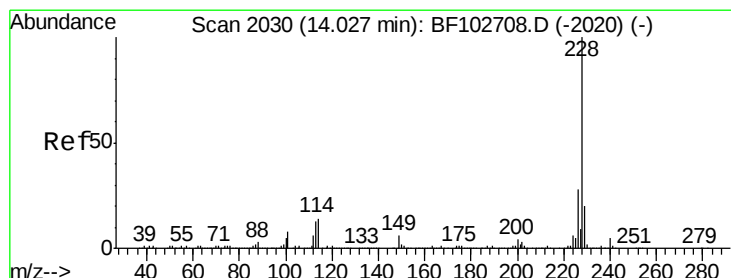
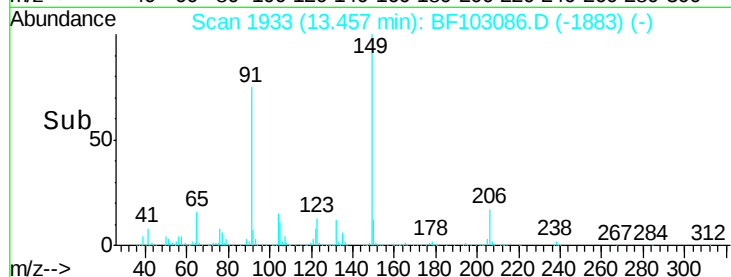
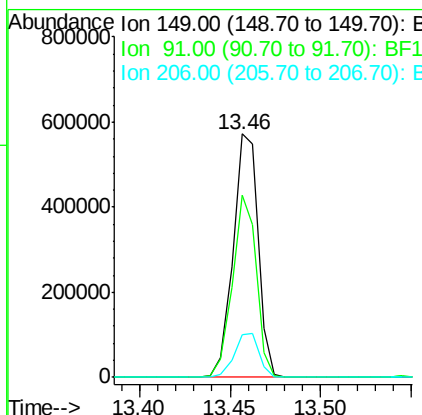
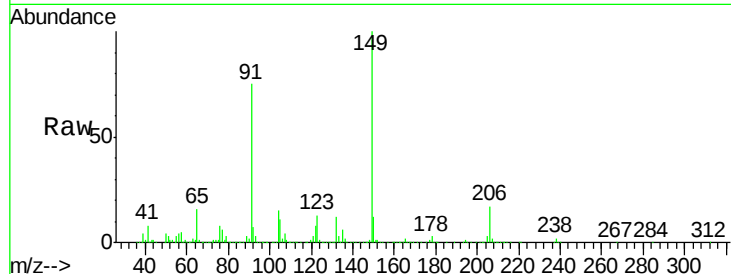
#79
Butylbenzylphthalate
Concen: 48.366 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Instrument :
BNA_F
ClientSampleId :
BROOKMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	547767		
91	74.9	56.8	85.2	
206	17.3	14.1	21.1	

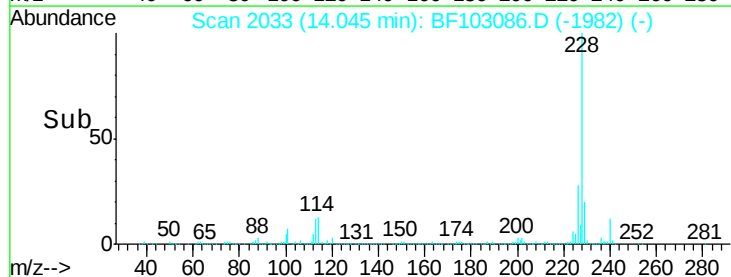
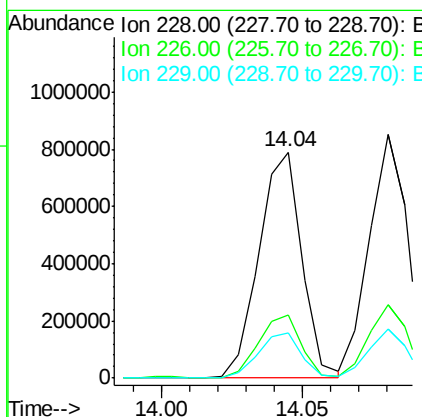
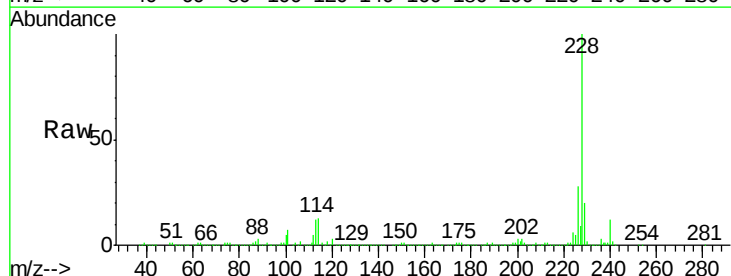
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#80
Benzo(a)anthracene
Concen: 43.806 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	831705		
226	27.9	22.6	33.8	
229	20.2	15.8	23.6	





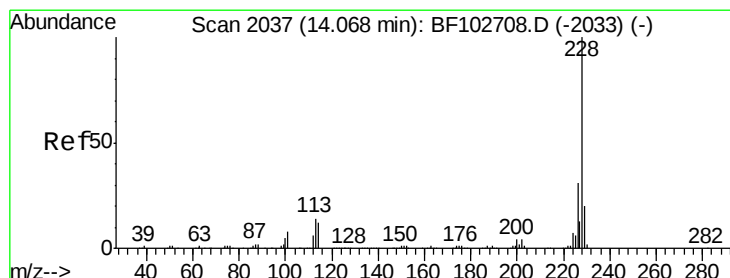
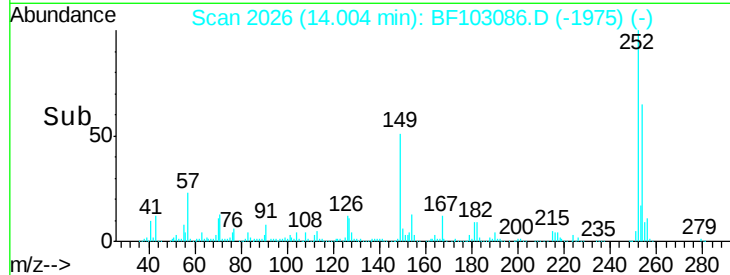
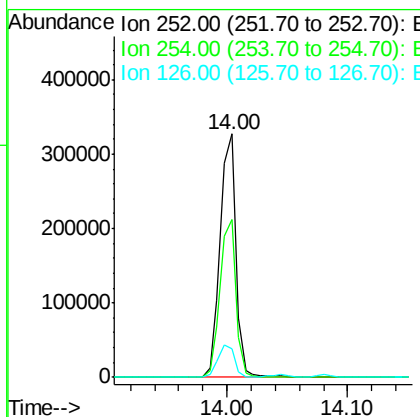
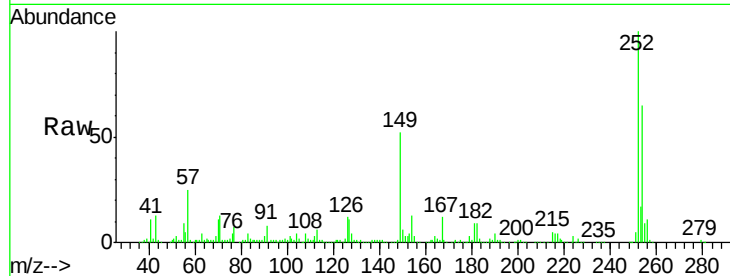
#81
 3,3'-Dichlorobenzidine
 Concen: 42.068 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Instrument :
 BNA_F
 ClientSampleId :
 BROOKMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.1	50.4	75.6
126	11.7	11.3	16.9

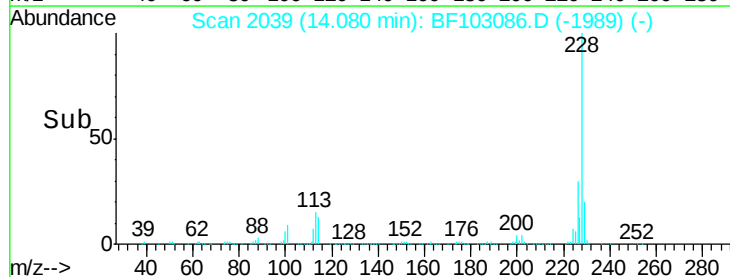
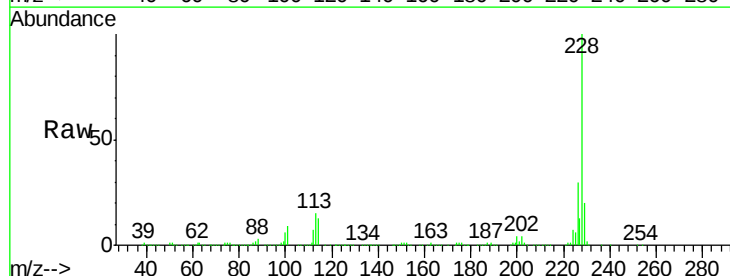
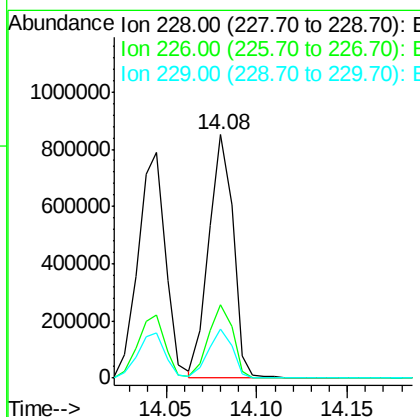
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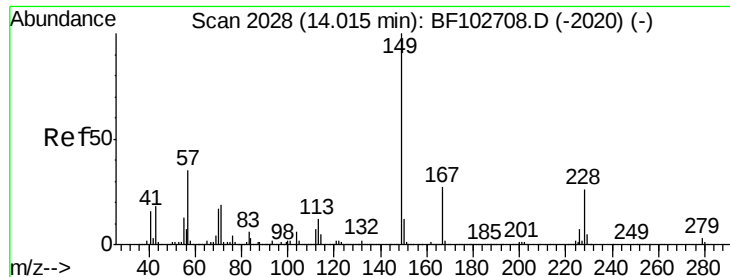
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#82
 Chrysene
 Concen: 41.703 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.4	25.0	37.6
229	20.1	16.2	24.4





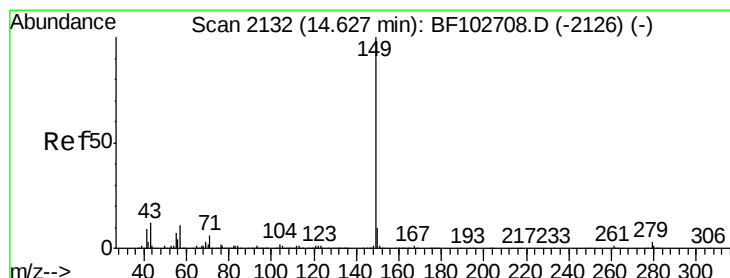
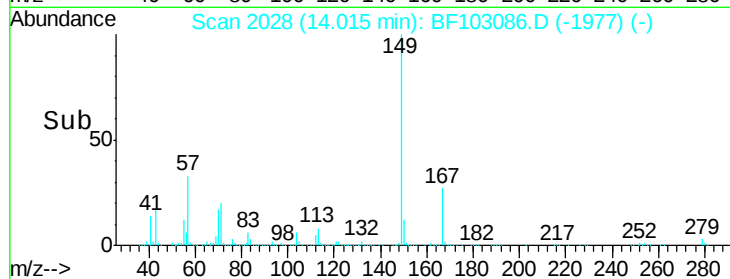
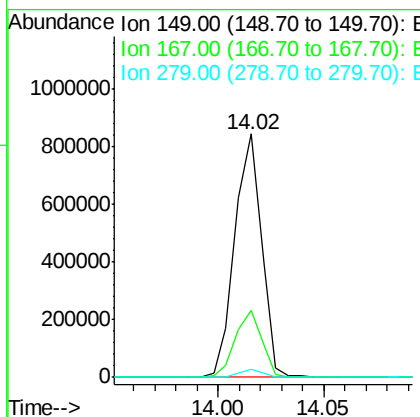
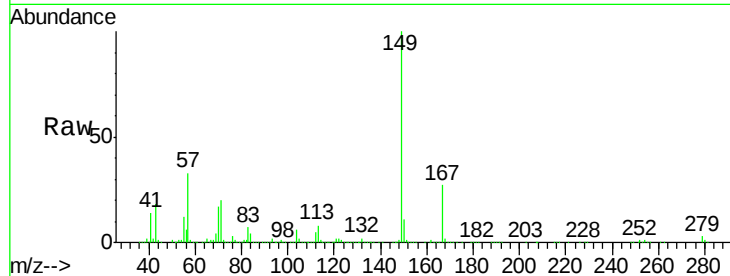
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.873 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Instrument :
 BNA_F
 ClientSampleId :
 BROOKMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	3.3	3.0	4.4

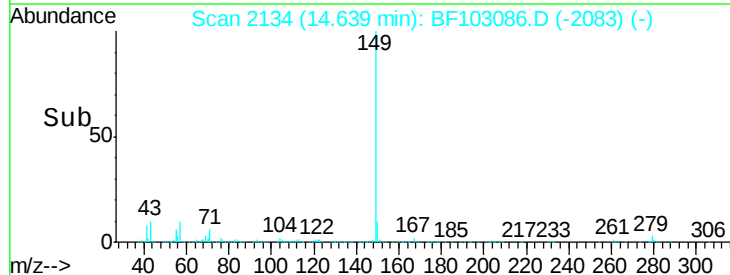
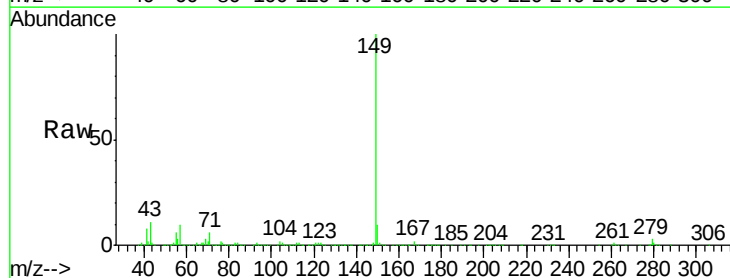
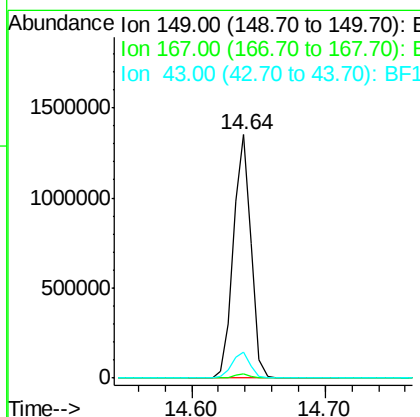
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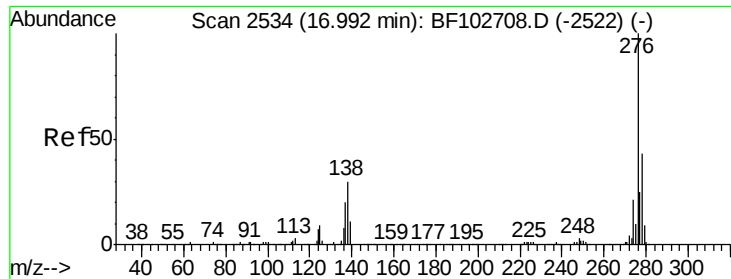
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#84
 Di-n-octyl phthalate
 Concen: 57.534 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.7	8.4	12.6





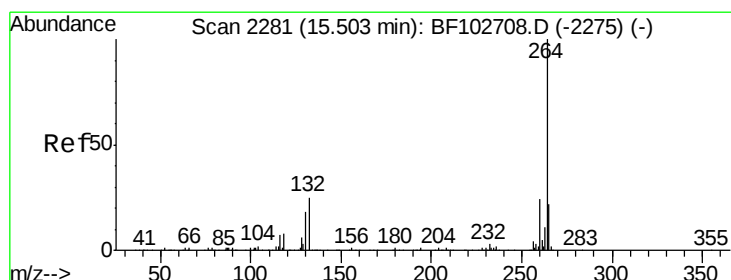
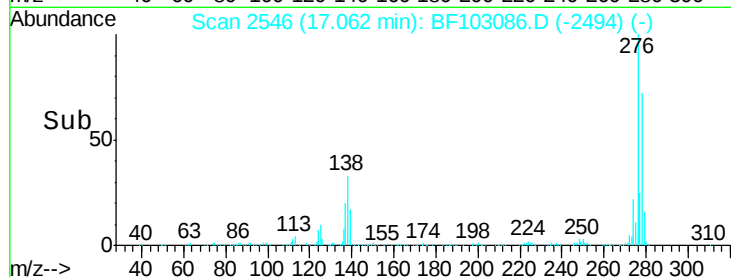
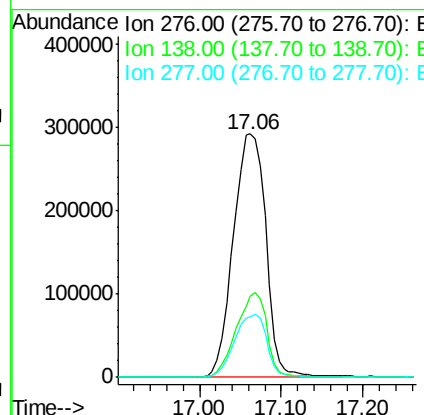
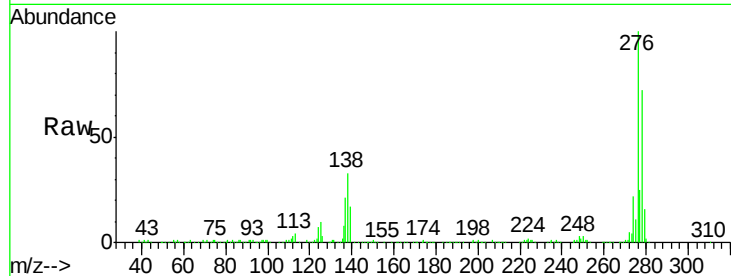
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.204 ng
 RT: 17.06 min Scan# 2546
 Delta R.T. 0.01 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Instrument :
 BNA_F
 ClientSampleId :
 BROOKMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.0	37.6
277	25.9	20.1	30.1

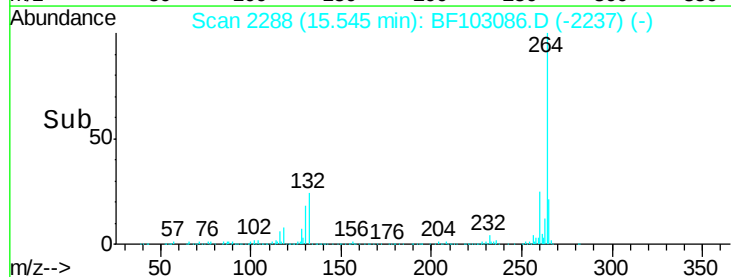
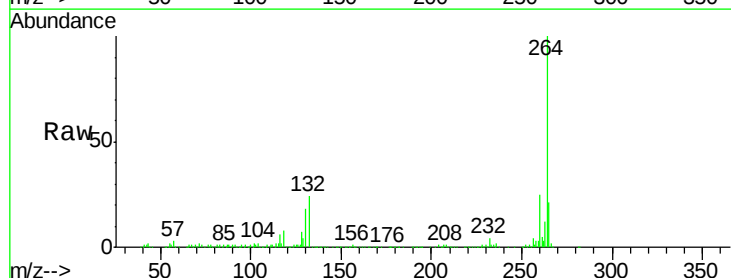
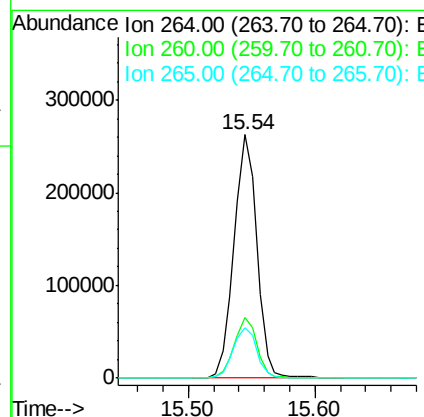
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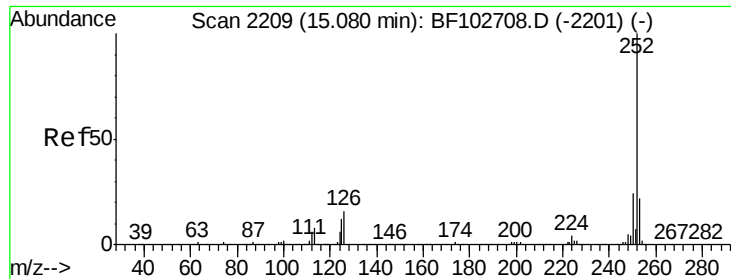
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	20.8	17.5	26.3





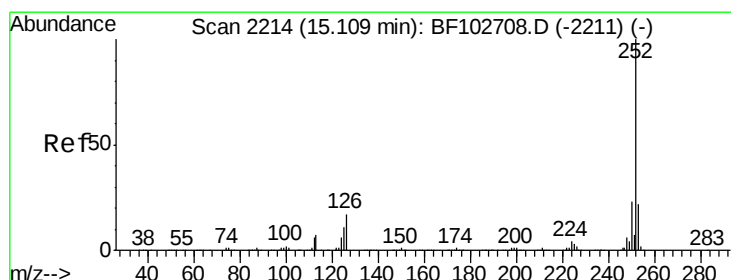
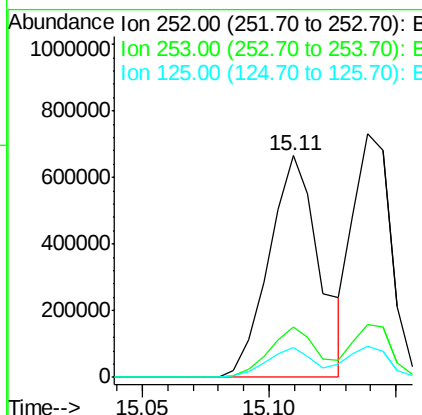
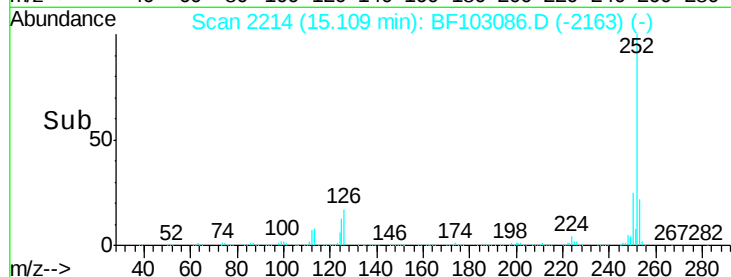
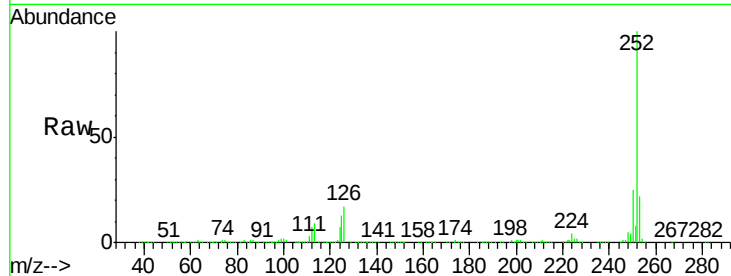
#87
Benzo(b)fluoranthene
Concen: 43.807 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Instrument :
BNA_F
ClientSampled :
BROOKMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	13.4	9.0	13.6

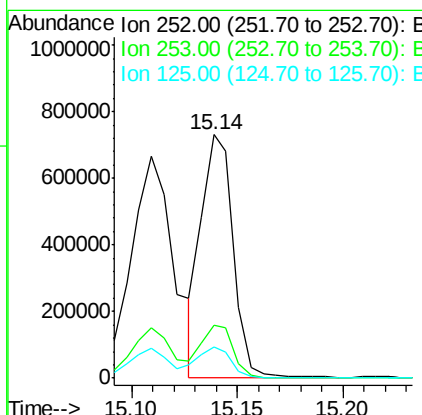
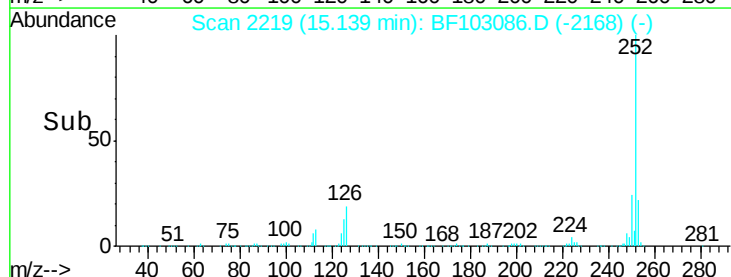
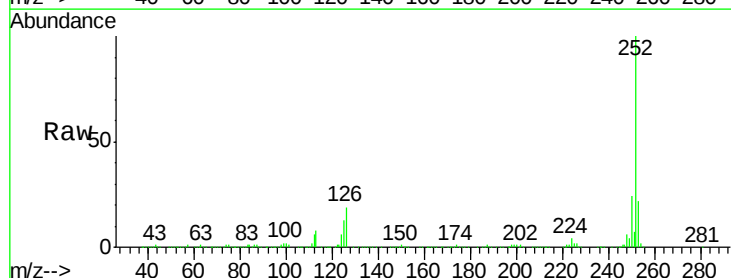
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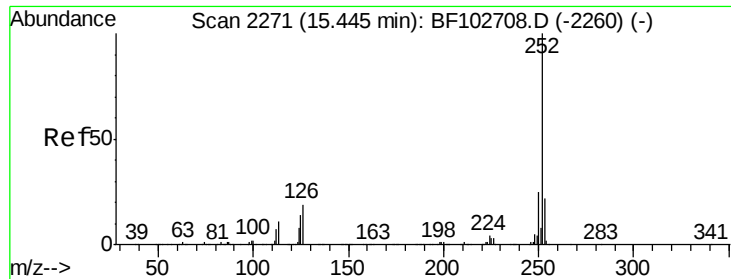
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#88
Benzo(k)fluoranthene
Concen: 37.523 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	13.0	10.2	15.2





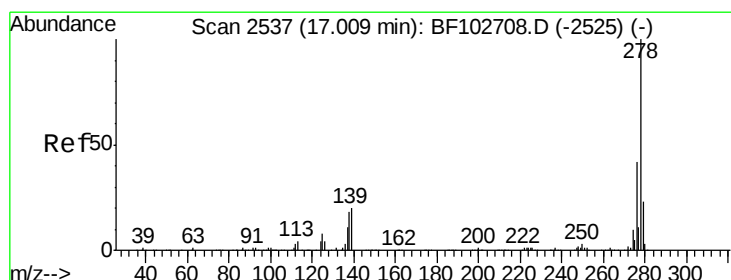
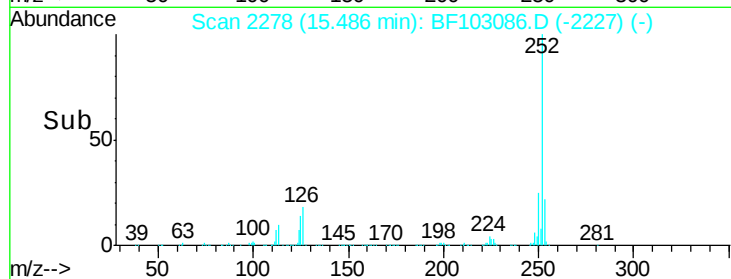
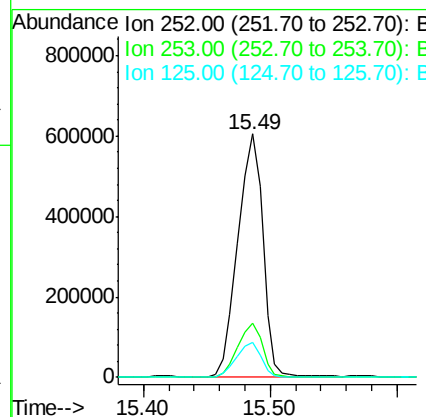
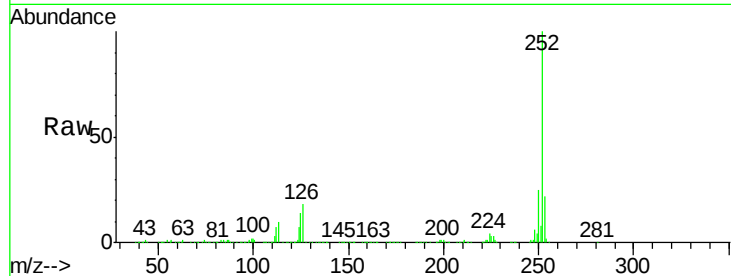
#89
Benzo(a)pyrene
Concen: 43.358 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Instrument :
BNA_F
ClientSampleId :
BROOKMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	14.4	9.8	14.6

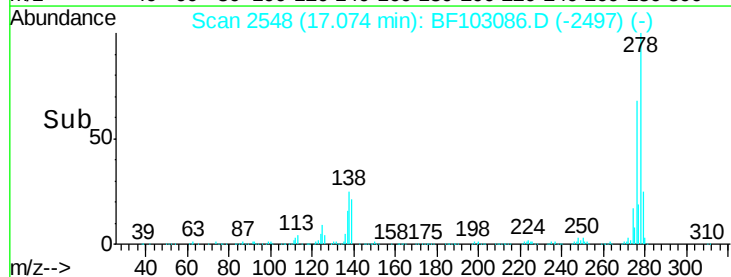
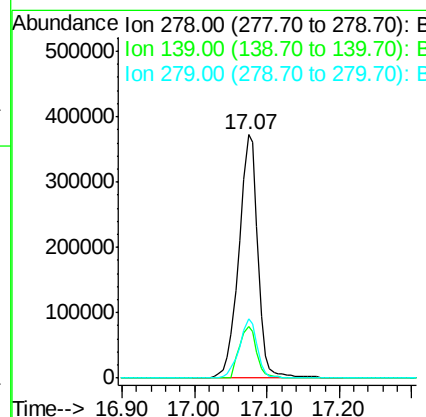
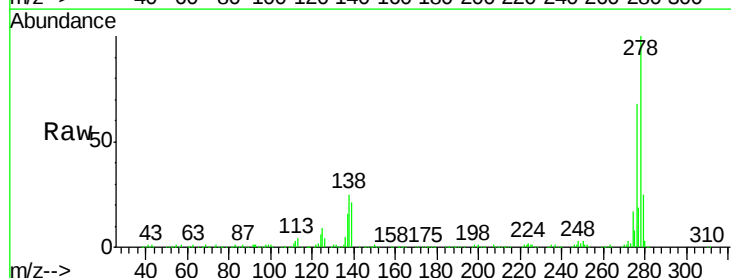
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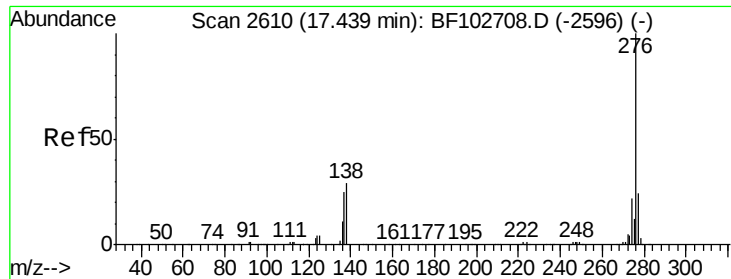
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#90
Dibenzo(a,h)anthracene
Concen: 43.913 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.00 min
Lab File: BF103086.D
Acq: 19 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.9	23.9
279	24.5	19.0	28.4





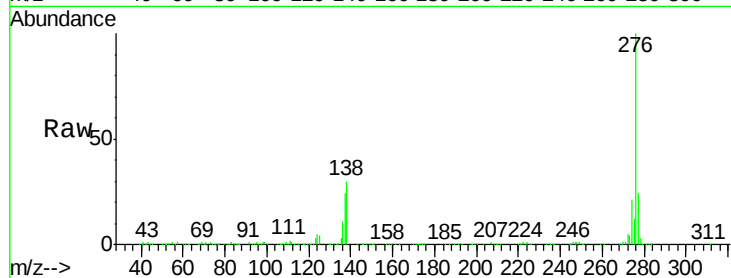
#91
 Benzo(g,h,i)perylene
 Concen: 43.814 ng
 RT: 17.52 min Scan# 2624
 Delta R.T. -0.00 min
 Lab File: BF103086.D
 Acq: 19 Feb 2018 16:58

Instrument :
 BNA_F
 ClientSampleId :
 BROOKMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.1	17.9	26.9
138	30.4	21.8	32.8

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

