

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021518\
 Data File : BF103026.D
 Acq On : 15 Feb 2018 19:10
 Operator : SJ/JU
 Sample : J1540-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CB-3-LINE-NW@3MSD

Manual Integrations
 APPROVED

Sohil
 2/16/2018 2:31:21 PM

Quant Time: Feb 16 01:02:44 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	178478	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	731113	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	309682	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	382484	20.00	ng	0.01
75) Chrysene-d12	14.10	240	151600	20.00	ng	0.05
86) Perylene-d12	15.59	264	200917	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1358705	115.61	ng	0.02
7) Phenol-d6	6.52	99	1652439	116.78	ng	0.01
23) Nitrobenzene-d5	7.45	82	1029129	97.65	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	260061	104.33	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1549968	83.05	ng	0.00
78) Terphenyl-d14	13.01	244	970363	151.56	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	197888	34.091	ng	88
3) Pyridine	3.48	79	549066	34.236	ng	94
4) n-Nitrosodimethylamine	3.42	42	271289	39.536	ng	98
6) Aniline	6.55	93	382249	18.292	ng	# 89
8) 2-Chlorophenol	6.67	128	466794	38.581	ng	93
9) Benzaldehyde	6.43	77	111383	10.599	ng	99
10) Phenol	6.53	94	695099	45.836	ng	92
11) bis(2-Chloroethyl)ether	6.62	93	482534	38.239	ng	92
12) 1,3-Dichlorobenzene	6.82	146	506064	36.119	ng	99
13) 1,4-Dichlorobenzene	6.90	146	506751	36.308	ng	99
14) 1,2-Dichlorobenzene	7.05	146	460401	35.416	ng	99
15) Benzyl Alcohol	7.02	79	413834	38.039	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	828236	34.551	ng	99
17) 2-Methylphenol	7.13	107	413633	37.063	ng	98
18) Hexachloroethane	7.39	117	147359	30.790	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	314854	33.747	ng	96
20) 3+4-Methylphenols	7.29	107	472329	34.320	ng	# 71
22) Acetophenone	7.29	105	624178	34.888	ng	# 92
24) Nitrobenzene	7.47	77	501544	40.449	ng	97
25) Isophorone	7.70	82	932976	38.444	ng	99
26) 2-Nitrophenol	7.78	139	131193	29.774	ng	94
27) 2,4-Dimethylphenol	7.82	122	407855	39.780	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	590465	41.072	ng	99
29) 2,4-Dichlorophenol	8.02	162	376159	40.358	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	381259	36.159	ng	99
31) Naphthalene	8.19	128	1745972	48.879	ng	99
32) Benzoic acid	7.92	122	154563	27.585	ng	96
33) 4-Chloroaniline	8.23	127	207999	13.517	ng	98
34) Hexachlorobutadiene	8.30	225	193712	35.852	ng	98
35) Caprolactam	8.61	113	132507	40.937	ng	# 74
36) 4-Chloro-3-methylphenol	8.72	107	411663	39.310	ng	96
37) 2-Methylnaphthalene	8.88	142	1048811	44.846	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	330528	39.199	ng	98
40) Hexachlorocyclopentadiene	9.02	237	15165	3.783	ng	97

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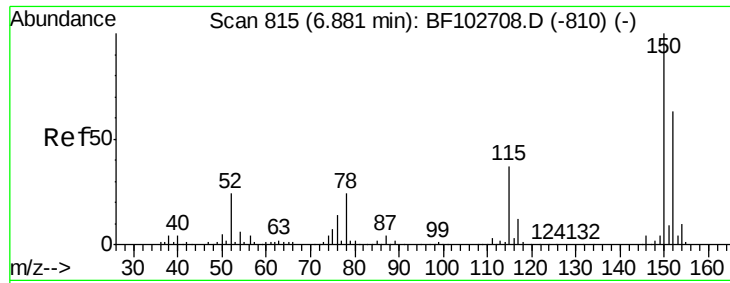
Manual Integrations
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 2/16/2018 2:31:21 PM

Quant Time: Feb 16 01:02:44 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	228775	41.307	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	237108	37.984	ng	99
45) 1,1'-Biphenyl	9.34	154	1038668	39.821	ng	99
46) 2-Chloronaphthalene	9.37	162	756563	36.843	ng	99
47) 2-Nitroaniline	9.47	65	321976	50.609	ng	97
48) Acenaphthylene	9.79	152	1186044	37.187	ng	99
49) Dimethylphthalate	9.64	163	1018122	42.164	ng	99
50) 2,6-Dinitrotoluene	9.70	165	138332	30.112	ng	# 89
51) Acenaphthene	9.96	154	1612587	84.545	ng	99
52) 3-Nitroaniline	9.88	138	251146	44.430	ng	97
53) 2,4-Dinitrophenol	10.00	184	3716	12.335	ng	# 1
54) Dibenzofuran	10.13	168	1861552	69.254	ng	97
55) 4-Nitrophenol	10.05	139	287145	62.730	ng	92
56) 2,4-Dinitrotoluene	10.12	165	143696	24.904	ng	# 85
57) Fluorene	10.48	166	1864627	95.342	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	159264	36.811	ng	# 98
59) Diethylphthalate	10.34	149	830511	34.833	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	308134	35.616	ng	97
61) 4-Nitroaniline	10.50	138	243230	45.206	ng	86
62) Azobenzene	10.62	77	756865	31.776	ng	# 80
64) 4,6-Dinitro-2-methylphenol	10.54	198	4168	11.200	ng	# 1
65) n-Nitrosodiphenylamine	10.58	169	655744	48.605	ng	96
66) 4-Bromophenyl-phenylether	10.95	248	194317	48.027	ng	93
67) Hexachlorobenzene	11.03	284	192790	43.193	ng	96
68) Atrazine	11.12	200	161197	40.501	ng	98
69) Pentachlorophenol	11.24	266	157694	60.185	ng	99
70) Phenanthrene	11.48	178	7226570	339.246	ng	99
71) Anthracene	11.52	178	3371744	155.624	ng	98
72) Carbazole	11.66	167	2318845	109.246	ng	97
73) Di-n-butylphthalate	11.97	149	1166379	45.237	ng	99
74) Fluoranthene	12.66	202	7039963	328.476	ng	99
76) Benzidine	12.77	184	74345	10.670	ng	# 91
77) Pyrene	12.91	202	5978490	502.909	ng	97
79) Butylbenzylphthalate	13.47	149	401659	70.152	ng	97
80) Benzo(a)anthracene	14.09	228	4180637	438.488	ng	97
81) 3,3'-Dichlorobenzidine	14.04	252	125392	35.471	ng	# 98
82) Chrysene	14.13	228	2695353	280.445	ng	96
83) Bis(2-ethylhexyl)phthalate	14.03	149	517210	71.022	ng	99
84) Di-n-octyl phthalate	14.64	149	779773	71.312	ng	# 100
85) Indeno(1,2,3-cd)pyrene	17.16	276	2443059	306.488	ng	93
87) Benzo(b)fluoranthene	15.17	252	4277217m	328.355	ng	
88) Benzo(k)fluoranthene	15.19	252	964484m	77.491	ng	
89) Benzo(a)pyrene	15.56	252	2884453	246.005	ng	96
90) Dibenzo(a,h)anthracene	17.15	278	856166	89.962	ng	94
91) Benzo(g,h,i)perylene	17.62	276	2250193	241.564	ng	97

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



#1

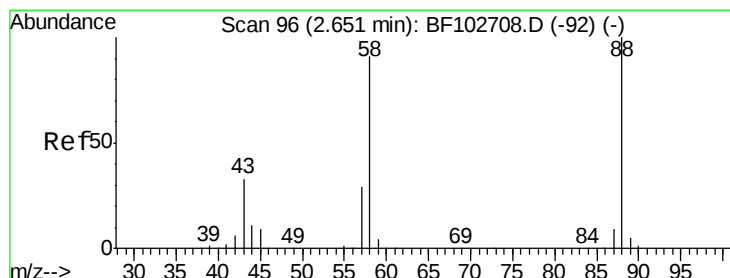
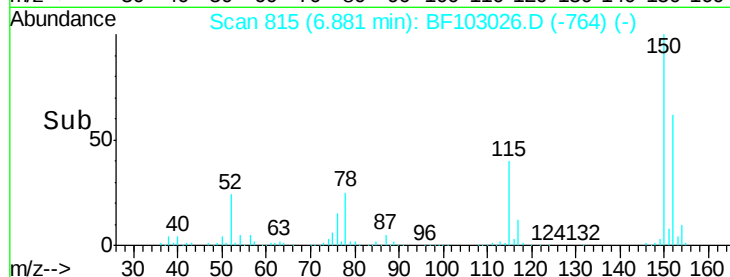
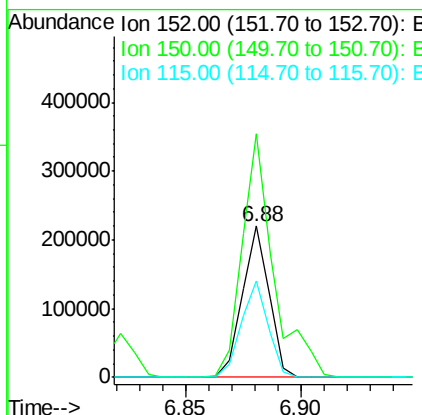
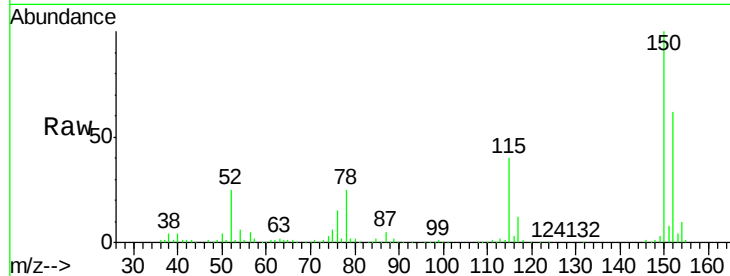
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.6	186.8
115	63.7	50.1	75.1

Manual Integrations
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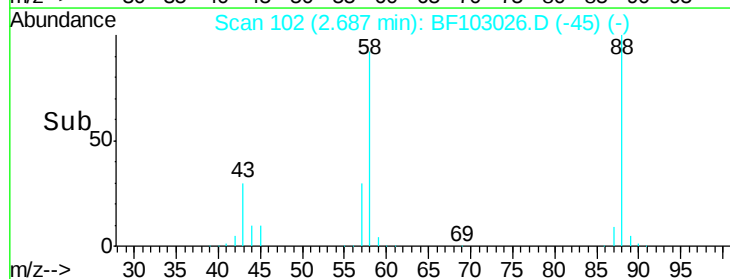
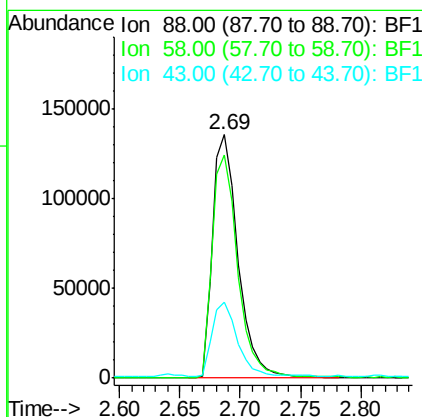
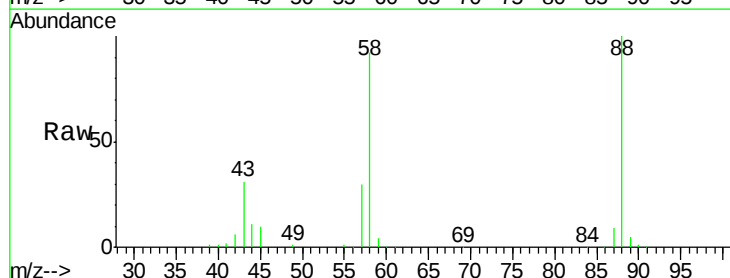
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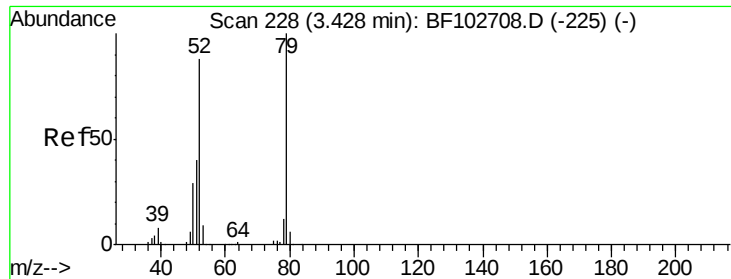


#2

1,4-Dioxane
Concen: 34.091 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.04 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.9	62.6	93.8
43	30.2	24.6	37.0





#3

Pyridine

Concen: 34.236 ng

RT: 3.48 min Scan# 236

Delta R.T. 0.05 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Instrument :

BNA_F

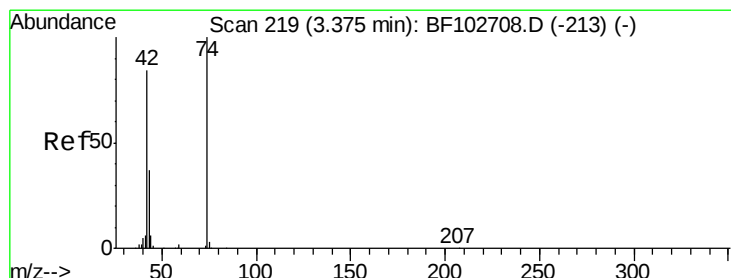
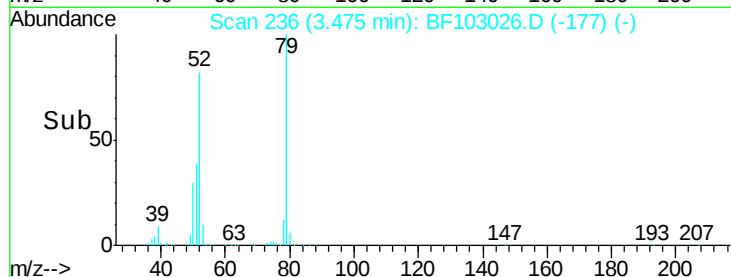
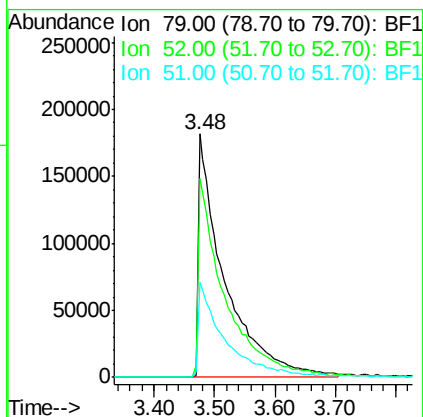
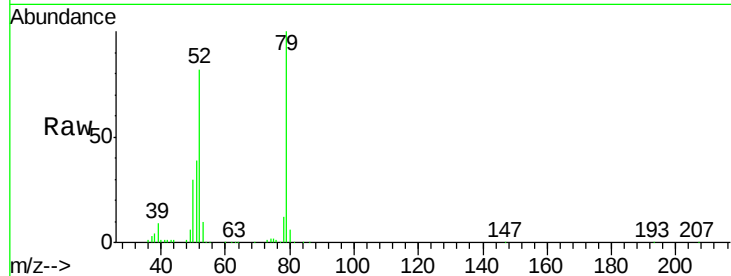
ClientSampleId :

CB-3-LINE-NW@3MSD

Tgt Ion:	79	Resp:	549066
Ion Ratio		Lower	Upper
79	100		
52	81.5	59.8	89.6
51	39.1	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.536 ng

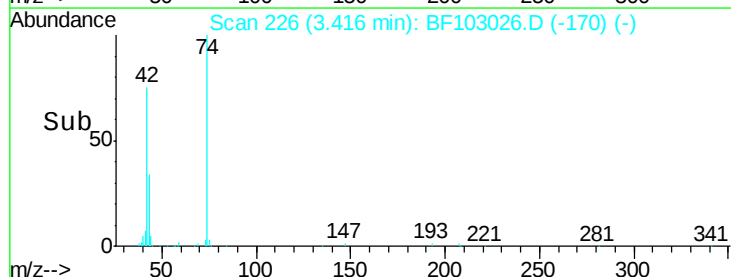
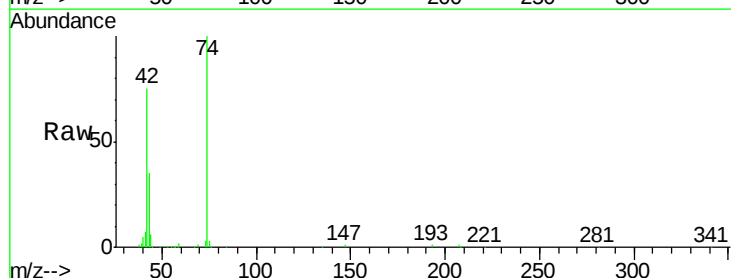
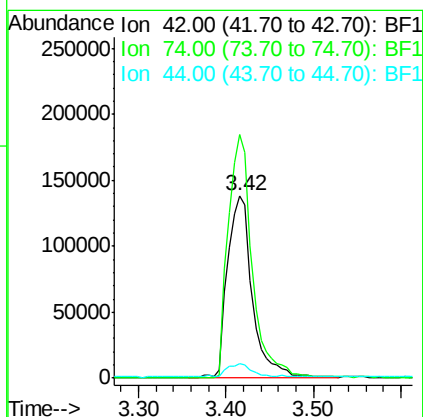
RT: 3.42 min Scan# 226

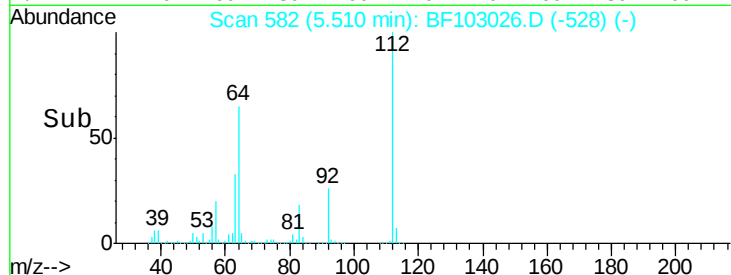
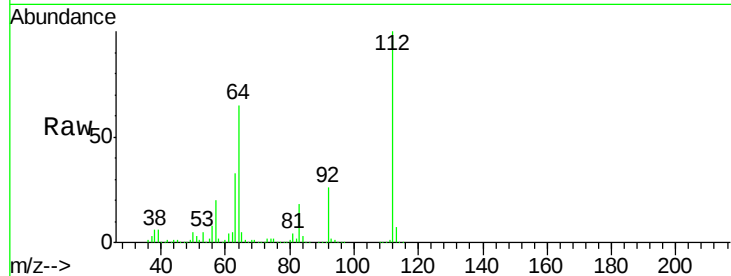
Delta R.T. 0.03 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Tgt Ion:	42	Resp:	271289
Ion Ratio		Lower	Upper
42	100		
74	133.6	104.9	157.3
44	7.9	6.9	10.3





#5

2-Fluorophenol

Concen: 115.612 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Tgt Ion: 112 Resp: 1358705

Ion Ratio Lower Upper

112 100

64 65.1 47.9 71.9

63 33.1 23.7 35.5

Instrument :

BNA_F

ClientSampleId :

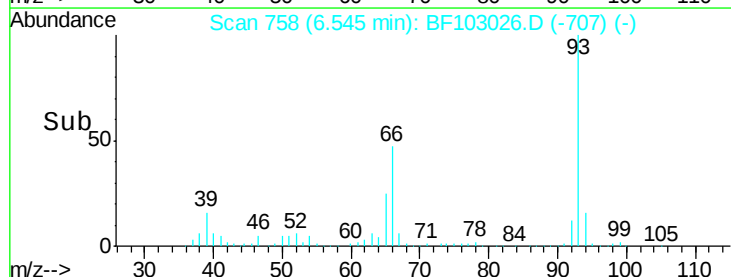
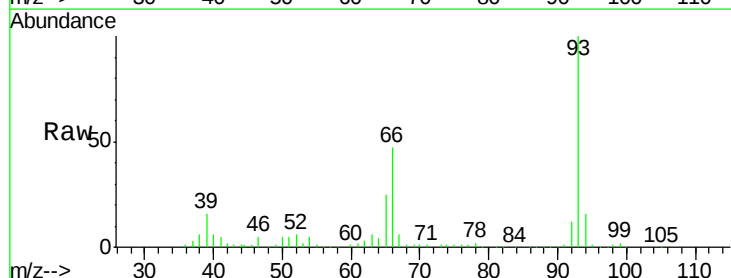
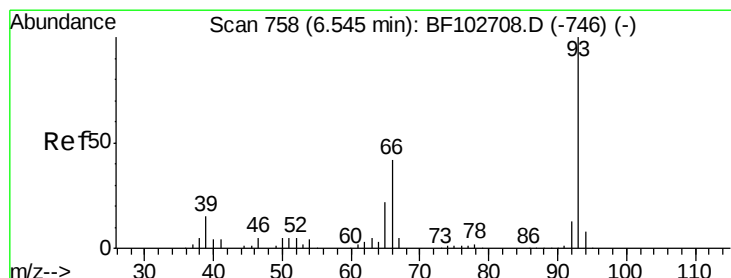
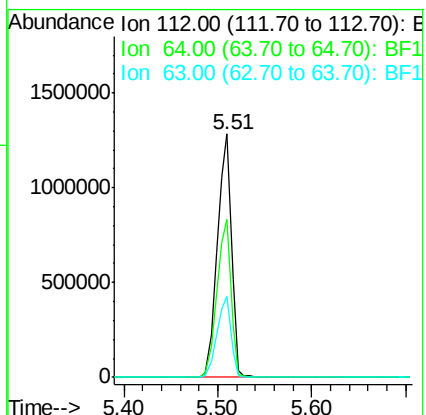
CB-3-LINE-NW@3MSD

Manual Integrations

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#6

Aniline

Concen: 18.292 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

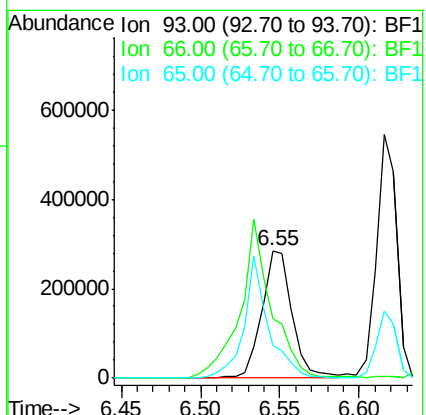
Tgt Ion: 93 Resp: 382249

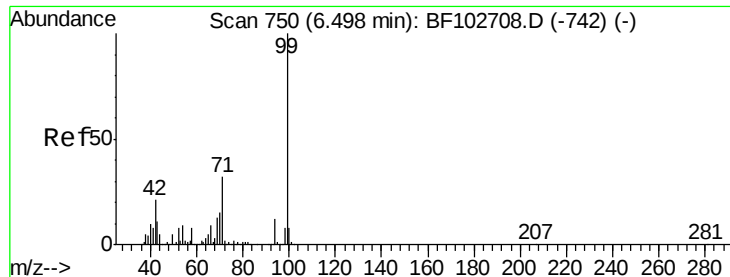
Ion Ratio Lower Upper

93 100

66 46.7 32.2 48.2

65 25.4 16.4 24.6#





#7

Phenol-d6

Concen: 116.776 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Instrument :

BNA_F

ClientSampleId :

CB-3-LINE-NW@3MSD

Tgt Ion: 99 Resp: 1652439

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

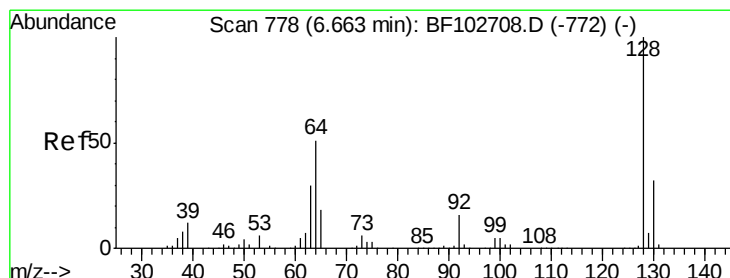
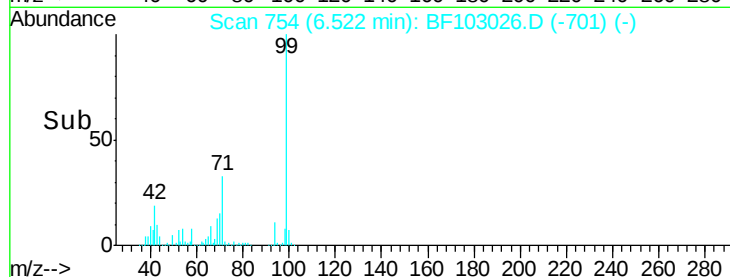
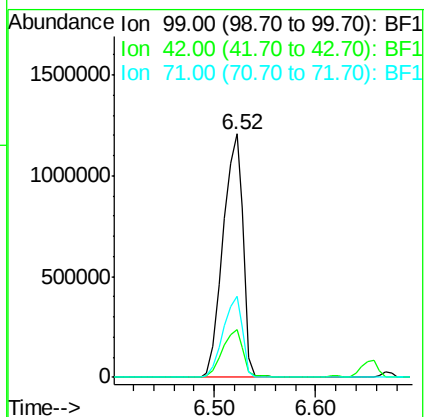
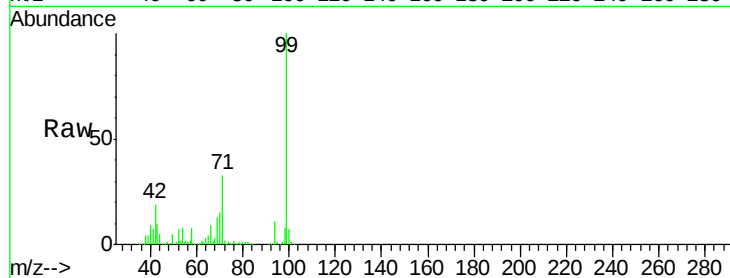
71 33.1 25.4 38.0

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#8

2-Chlorophenol

Concen: 38.581 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

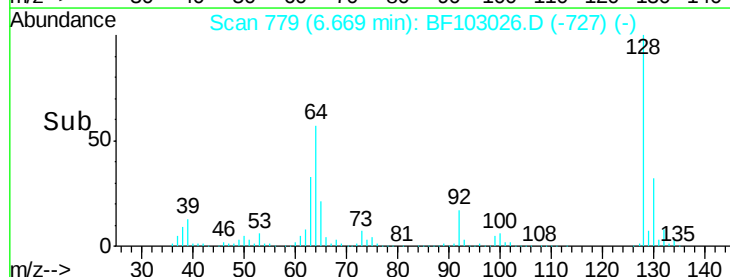
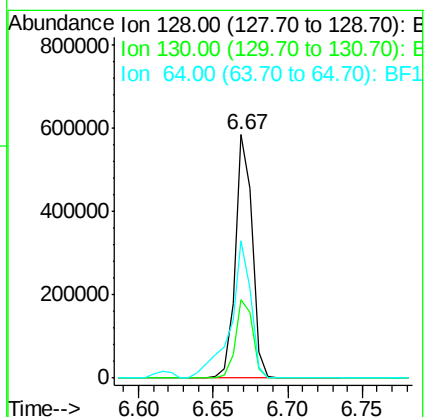
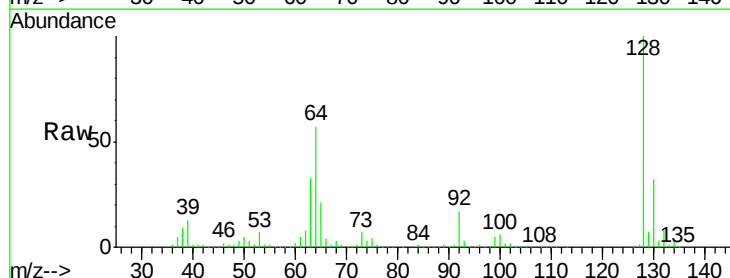
Tgt Ion: 128 Resp: 466794

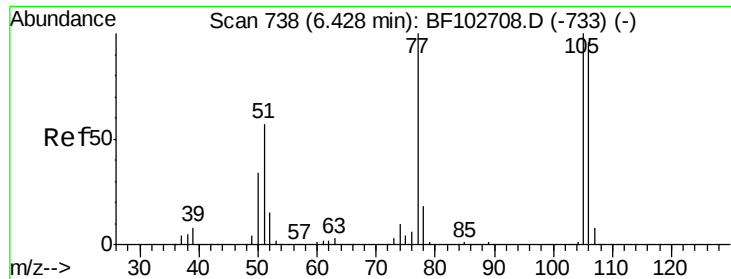
Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

64 56.7 29.4 69.4





#9

Benzaldehyde

Concen: 10.599 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Instrument :

BNA_F

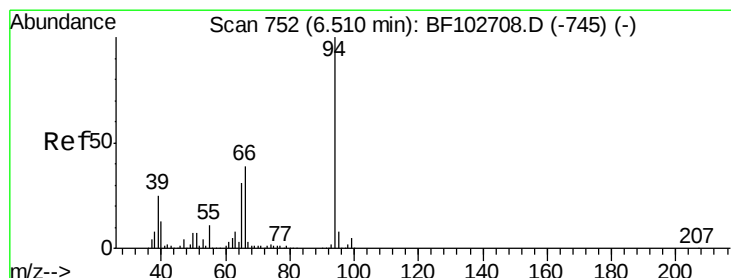
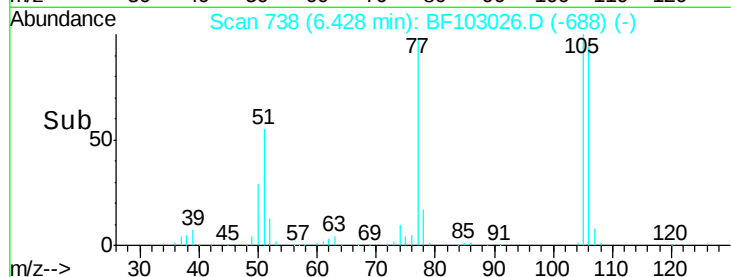
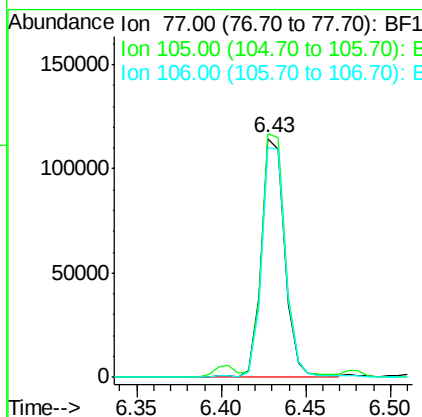
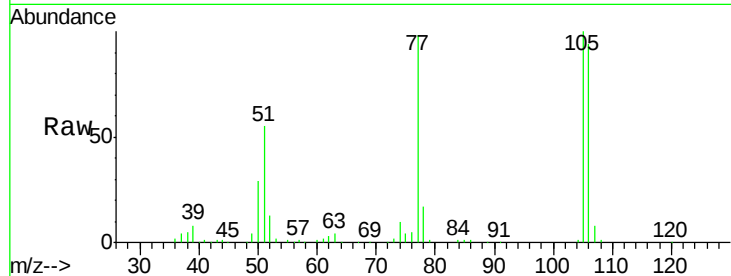
ClientSampleId :

CB-3-LINE-NW@3MSD

Tgt Ion:	77	Resp:	111383
Ion	Ratio	Lower	Upper
77	100		
105	101.9	81.1	121.1
106	96.1	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 45.836 ng

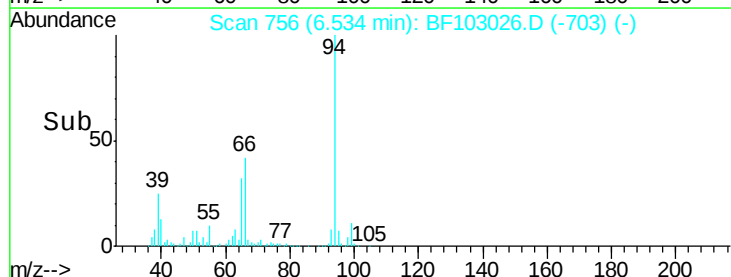
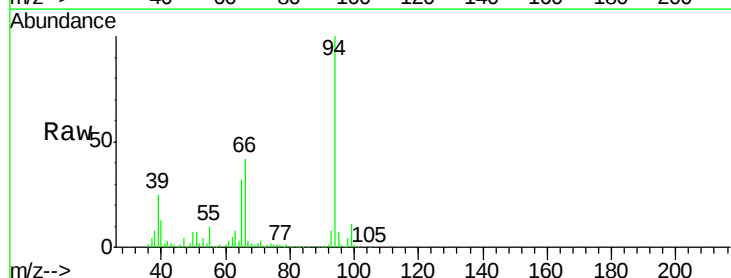
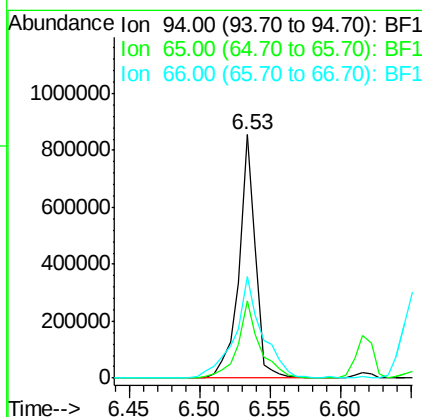
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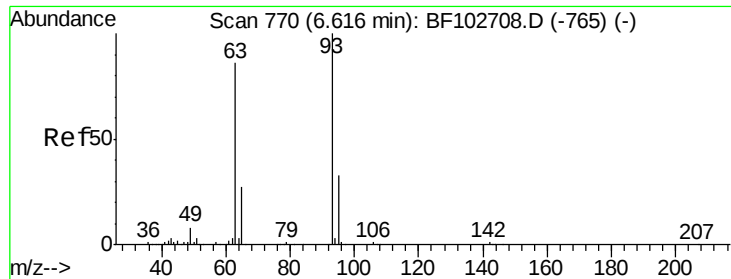
Delta R.T. 0.01 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Tgt Ion:	94	Resp:	695099
Ion	Ratio	Lower	Upper
94	100		
65	31.8	7.9	47.9
66	41.6	16.2	56.2





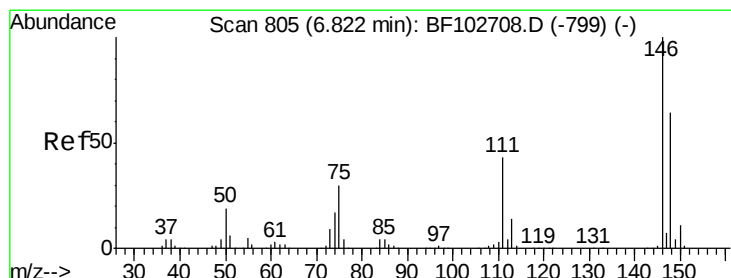
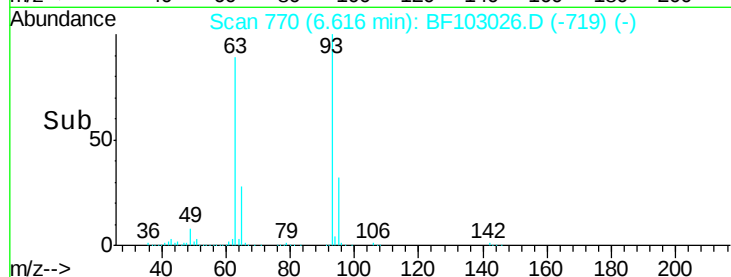
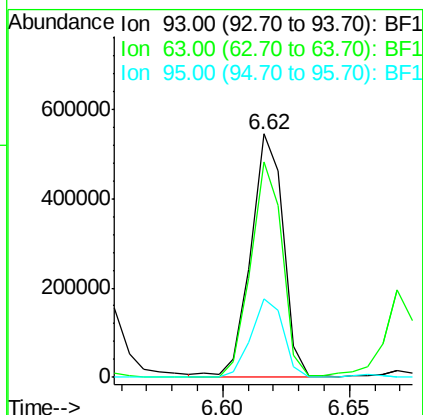
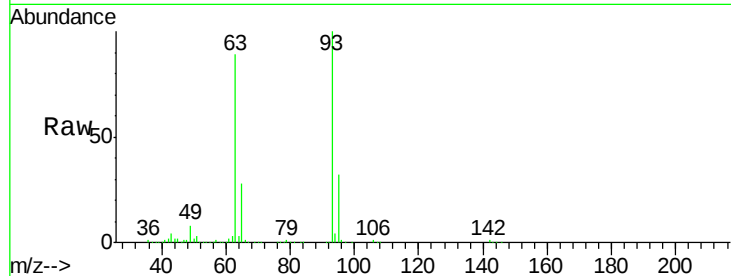
#11
bis(2-Chloroethyl)ether
Concen: 38.239 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	88.6	58.6	98.6
95	32.4	11.8	51.8

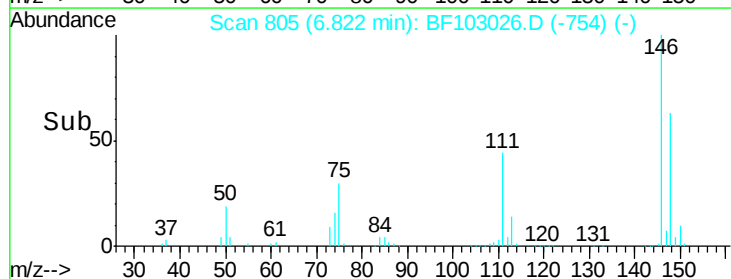
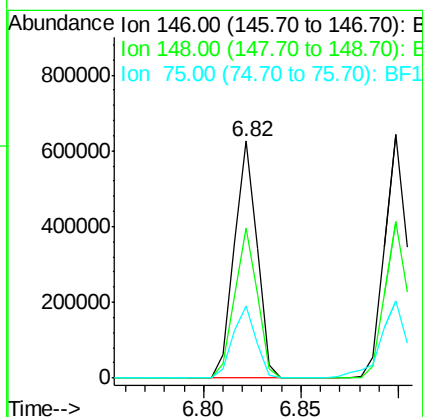
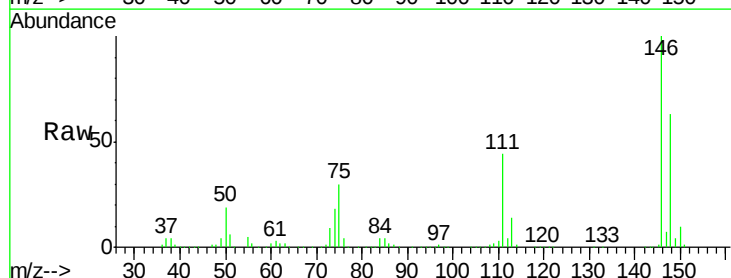
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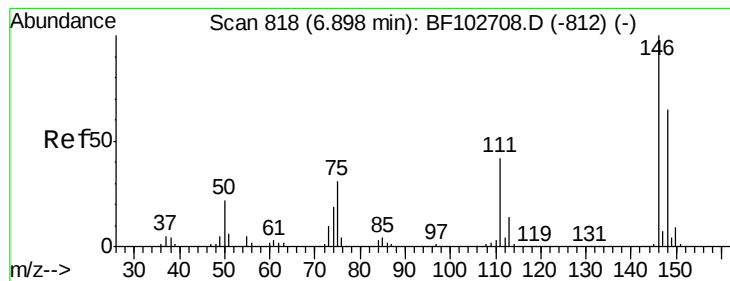
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.119 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	30.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 36.308 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Instrument :

BNA_F

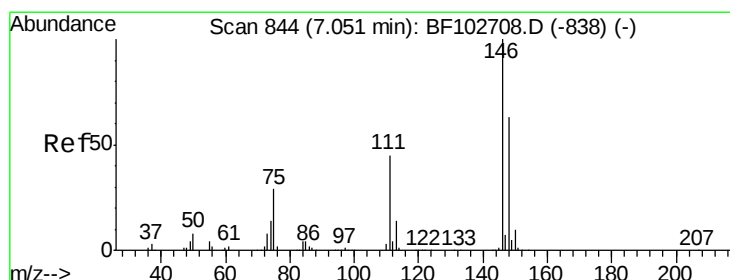
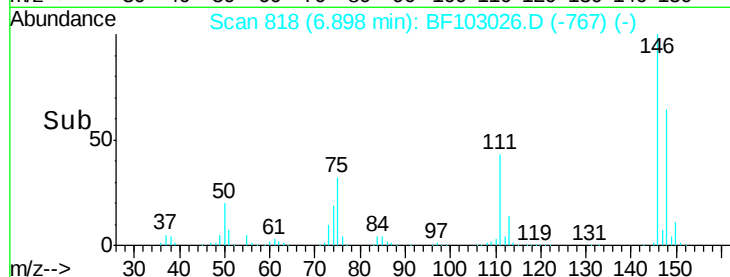
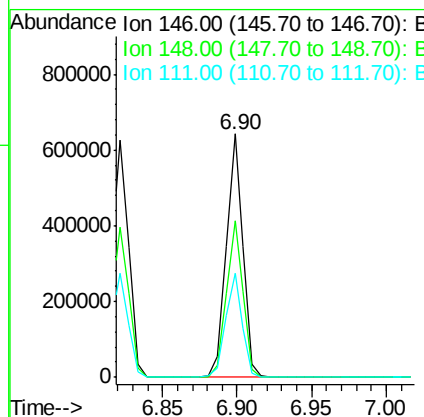
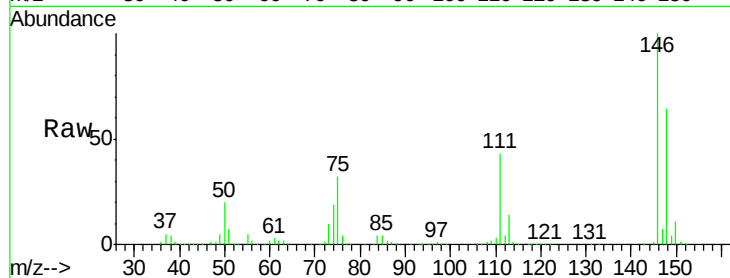
ClientSampleId :

CB-3-LINE-NW@3MSD

Tgt Ion:	146	Resp:	506751
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.8	76.2
111	42.7	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 35.416 ng

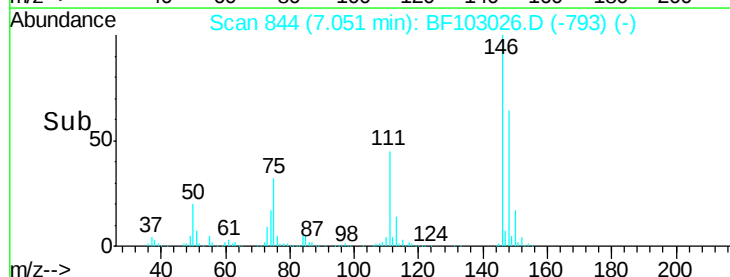
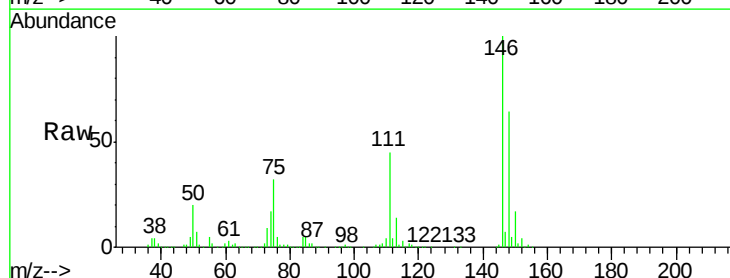
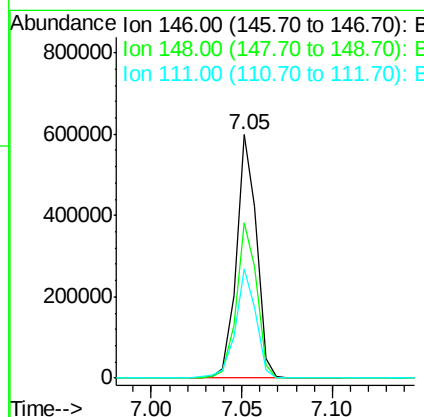
RT: 7.05 min Scan# 844

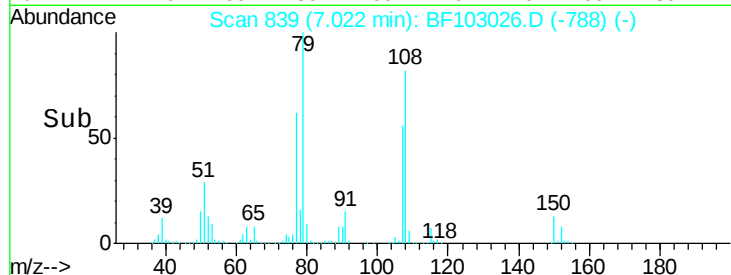
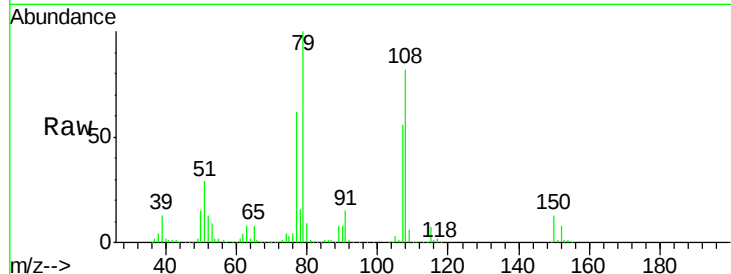
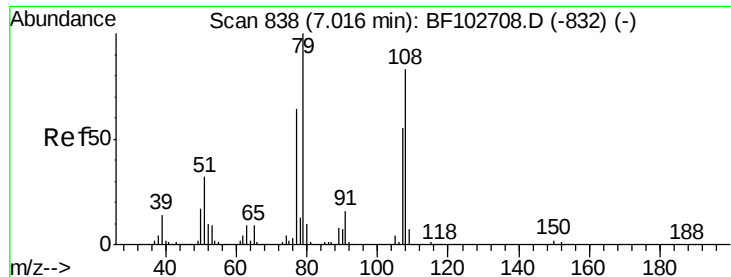
Delta R.T. 0.00 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Tgt Ion:	146	Resp:	460401
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.6	75.8
111	44.9	36.0	54.0





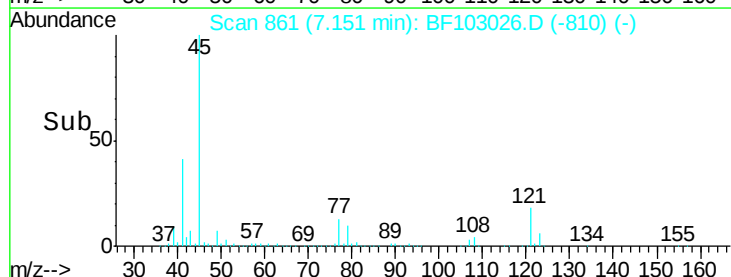
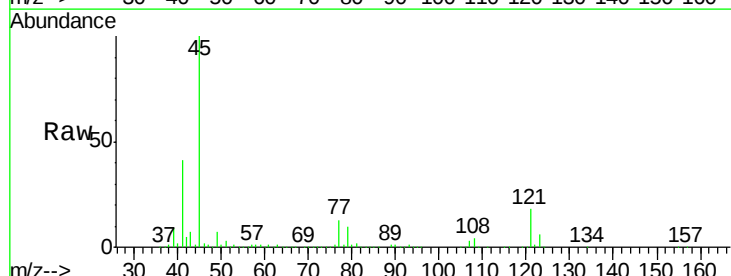
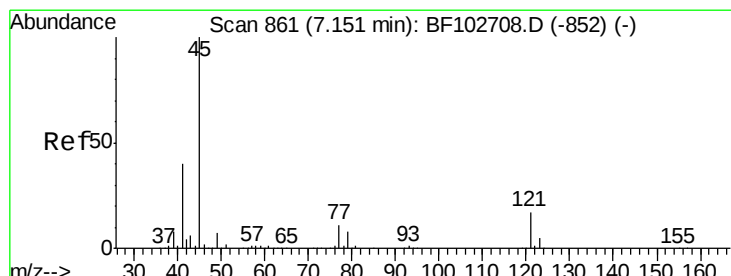
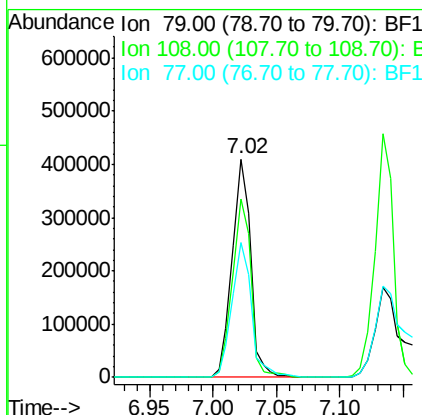
#15
Benzyl Alcohol
Concen: 38.039 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Tgt Ion:	79	Resp:	413834
Ion Ratio	Lower	Upper	
79	100		
108	81.7	65.1	97.7
77	61.8	50.6	75.8

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3MSD

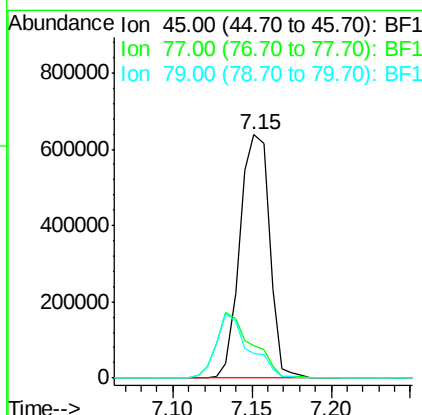
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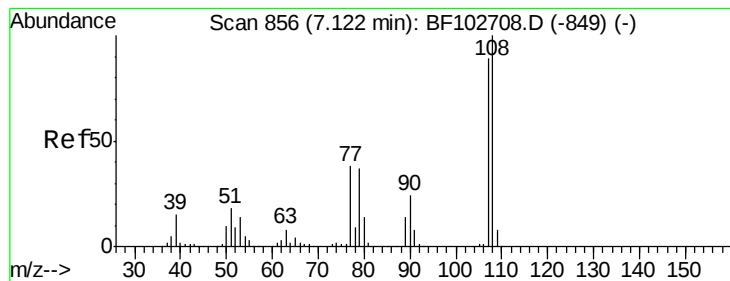
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.551 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Tgt Ion:	45	Resp:	828236
Ion Ratio	Lower	Upper	
45	100		
77	13.4	0.0	32.9
79	10.1	0.0	29.6





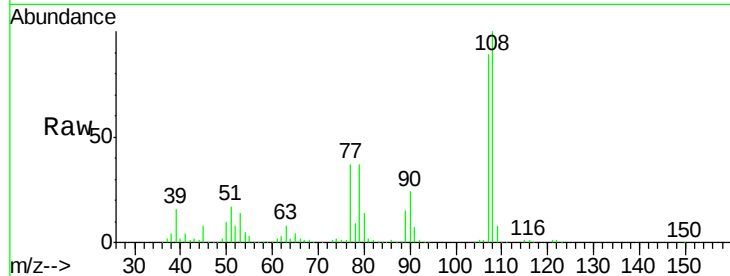
#17
2-Methylphenol
Concen: 37.063 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3MSD

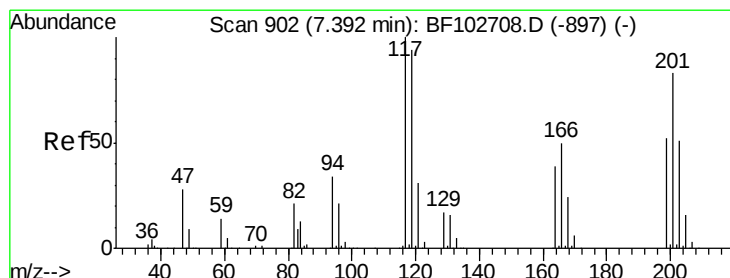
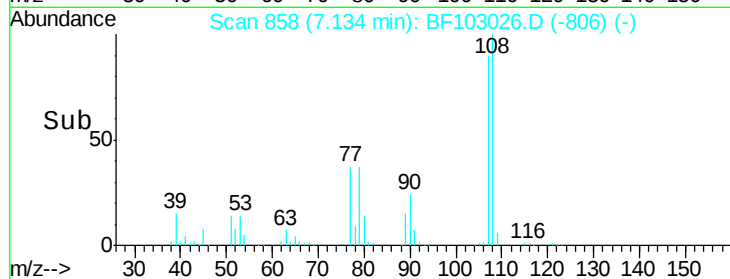
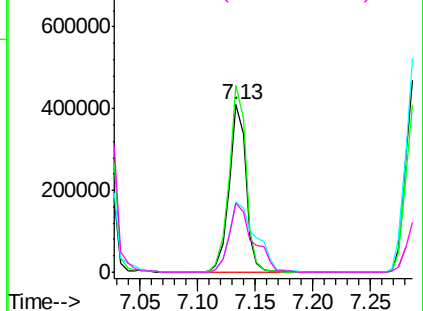
Tgt Ion:	107	Resp:	413633
Ion Ratio	Lower	Upper	
107	100		
108	111.9	91.7	137.5
77	41.9	33.8	50.8
79	41.6	33.8	50.8

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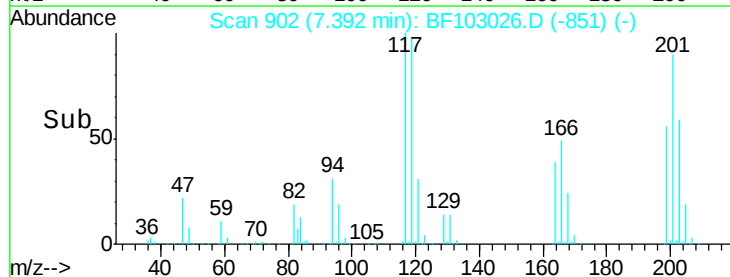
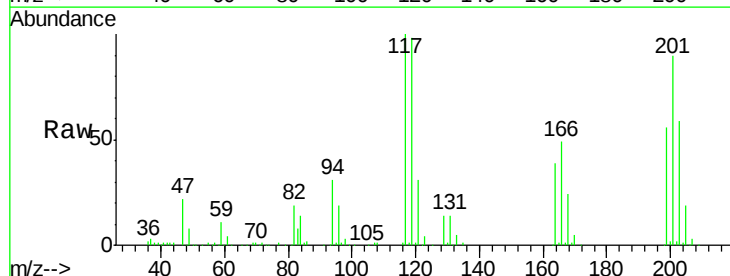
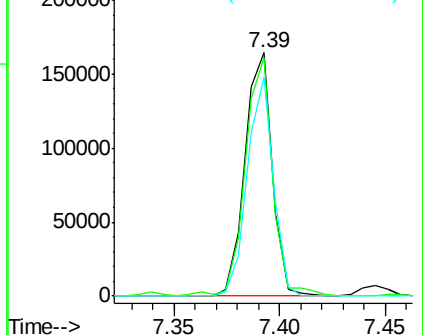
Abundance Ion 107.00 (106.70 to 107.70): E
800000
Ion 108.00 (107.70 to 108.70): E
600000
Ion 77.00 (76.70 to 77.70): BF1
400000
Ion 79.00 (78.70 to 79.70): BF1
200000
0

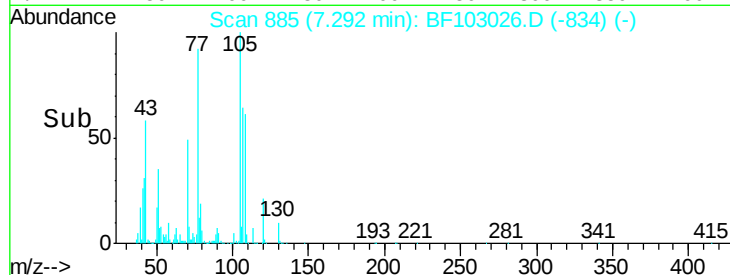
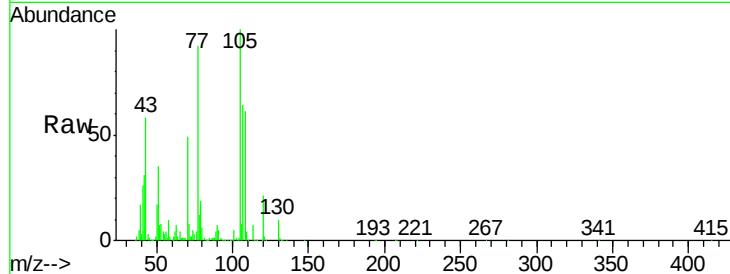
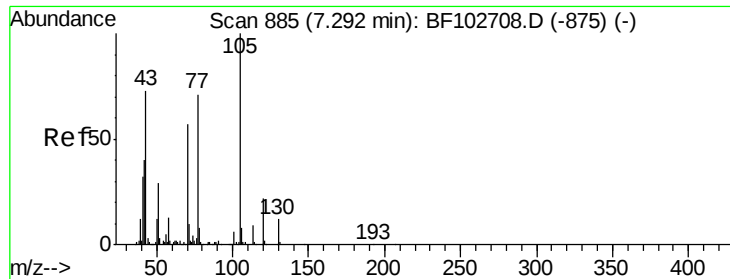


#18
Hexachloroethane
Concen: 30.790 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Tgt Ion:	117	Resp:	147359
Ion Ratio	Lower	Upper	
117	100		
119	97.7	75.8	113.8
201	90.1	75.7	113.5

Abundance Ion 117.00 (116.70 to 117.70): E
200000
Ion 119.00 (118.70 to 119.70): E
150000
Ion 201.00 (200.70 to 201.70): E
100000
50000
0





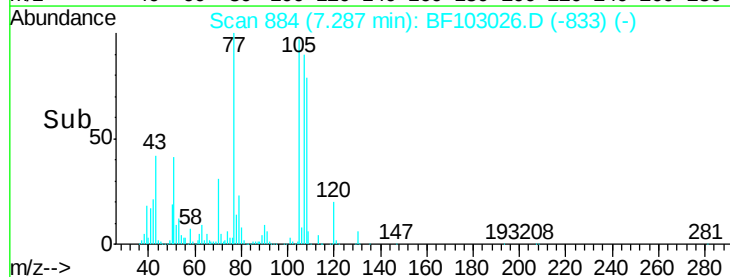
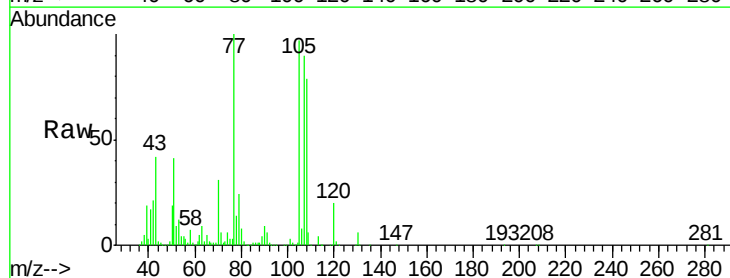
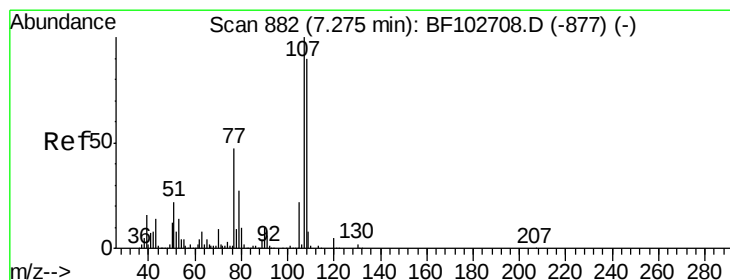
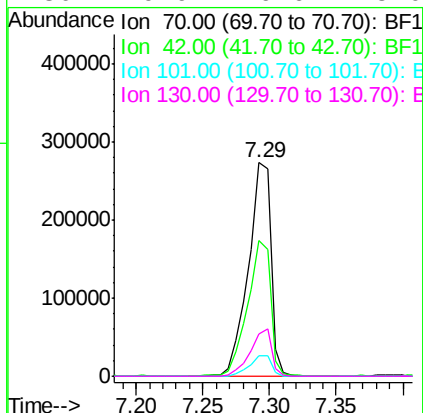
#19
n-Nitroso-di-n-propylamine
Concen: 33.747 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3MSD

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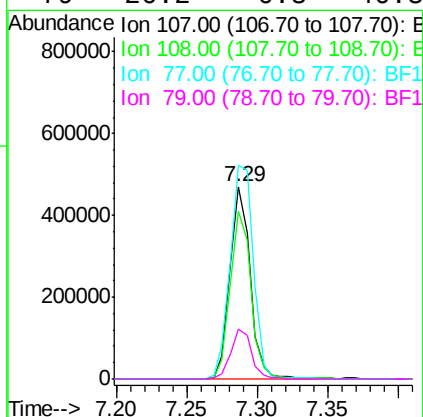
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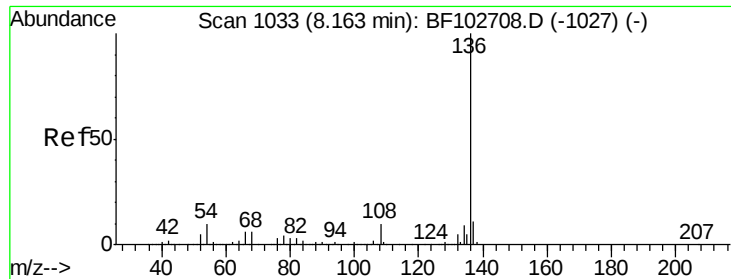
Tgt Ion	Ratio	Lower	Upper
70	100		
42	63.4	47.5	71.3
101	9.4	7.4	11.2
130	19.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 34.320 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.2	108.2
77	111.1	26.7	66.7#
79	26.2	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: BF103026.D

Acq: 15 Feb 2018 19:10

Instrument :

BNA_F

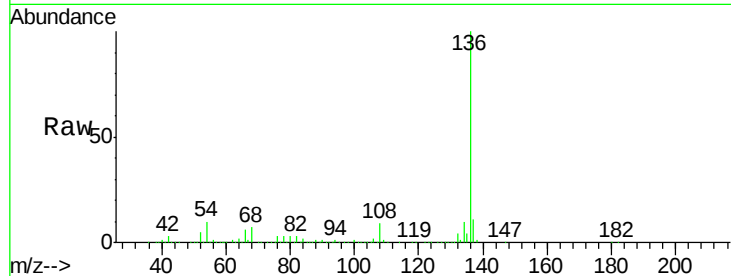
ClientSampleId :

CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.3	8.9	13.3
54	10.2	6.6	9.8#
68	6.6	5.0	7.4

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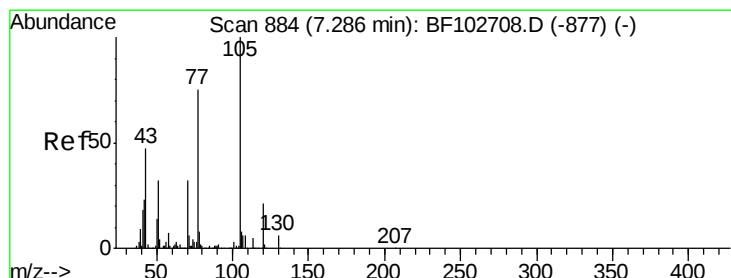
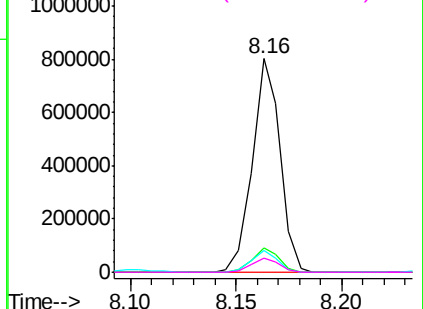
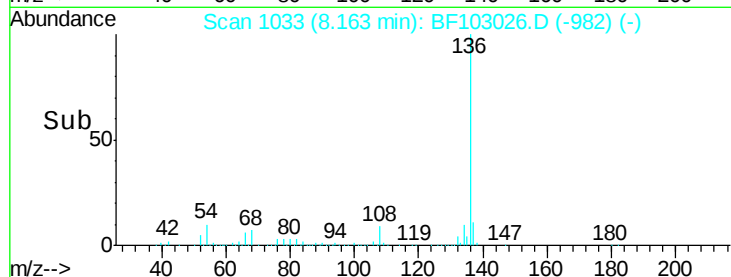
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 34.888 ng

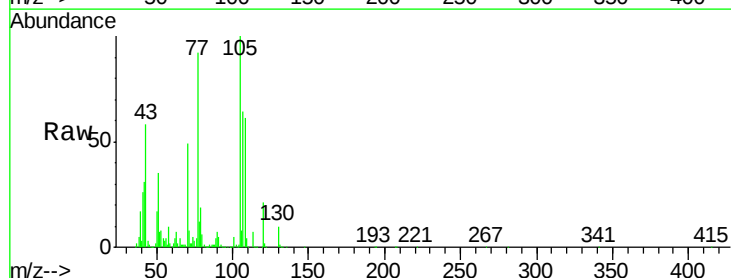
RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	8.4	4.4	6.6#
51	35.5	22.3	33.5#
120	21.0	16.9	25.3



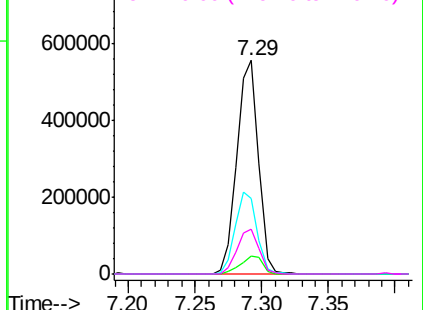
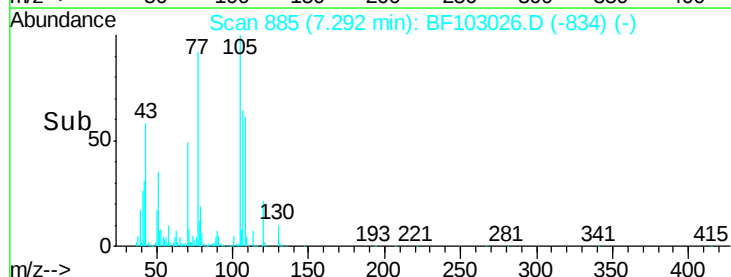
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





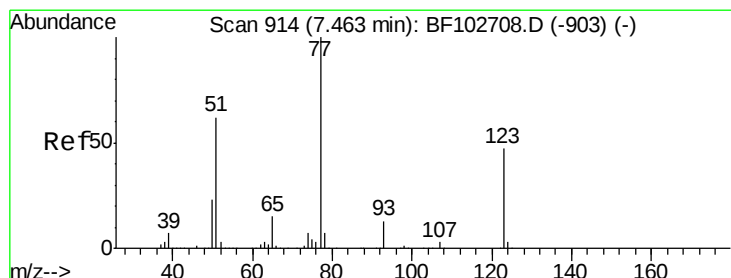
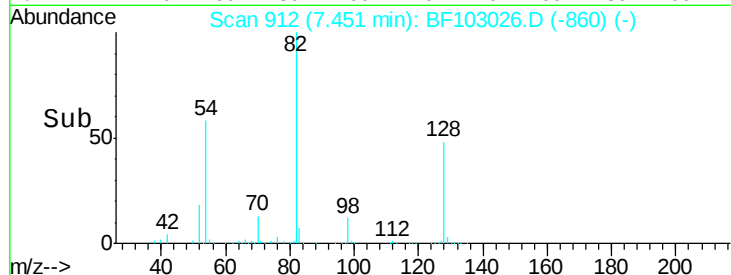
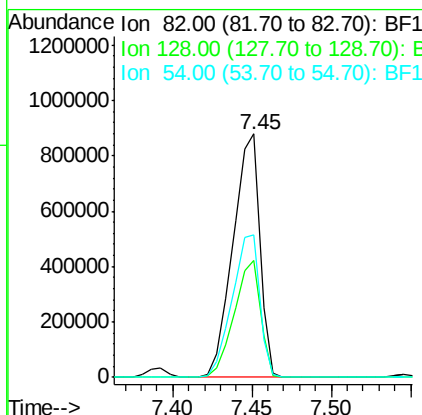
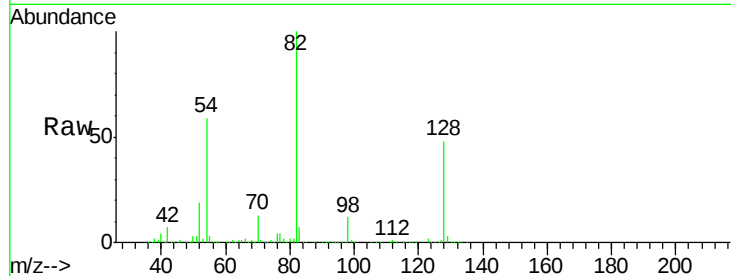
#23
 Nitrobenzene-d5
 Concen: 97.647 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: BF103026.D
 Acq: 15 Feb 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CB-3-LINE-NW@3MSD

Tgt Ion: 82 Resp: 1029129
 Ion Ratio Lower Upper
 82 100
 128 48.1 36.1 54.1
 54 58.6 41.4 62.2

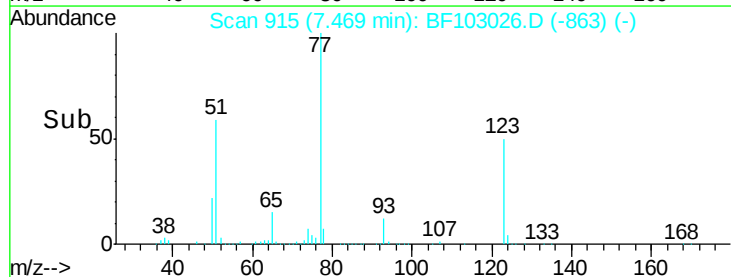
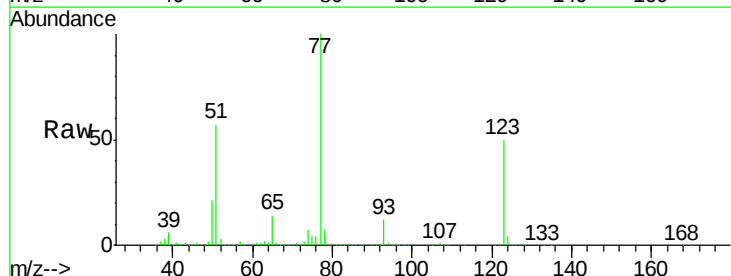
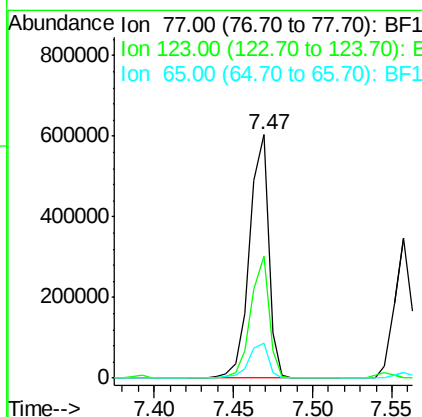
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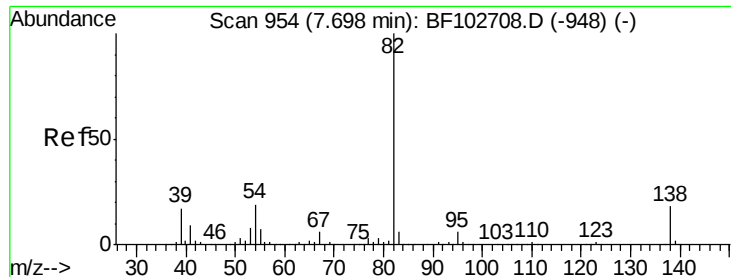
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#24
 Nitrobenzene
 Concen: 40.449 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BF103026.D
 Acq: 15 Feb 2018 19:10

Tgt Ion: 77 Resp: 501544
 Ion Ratio Lower Upper
 77 100
 123 49.9 37.9 56.9
 65 14.4 11.0 16.4





#25

Isophorone

Concen: 38.444 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Instrument :

BNA_F

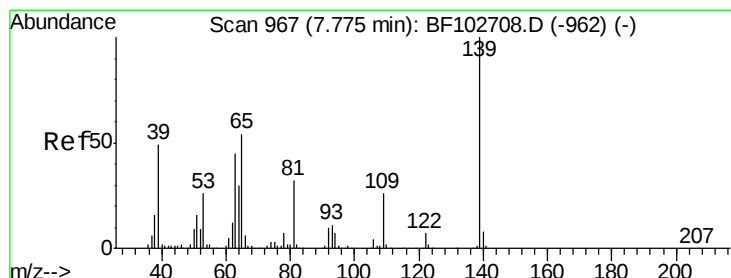
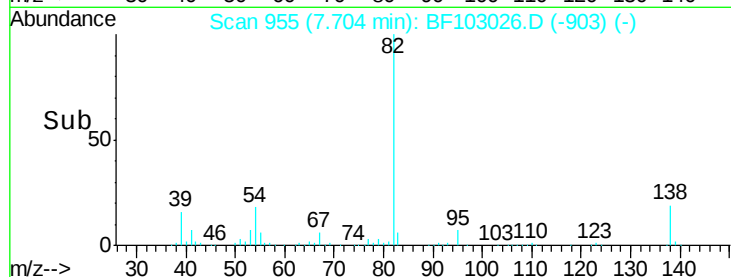
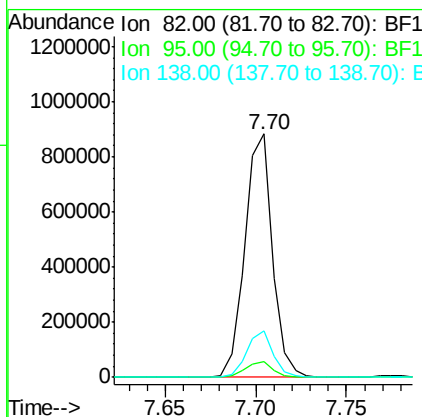
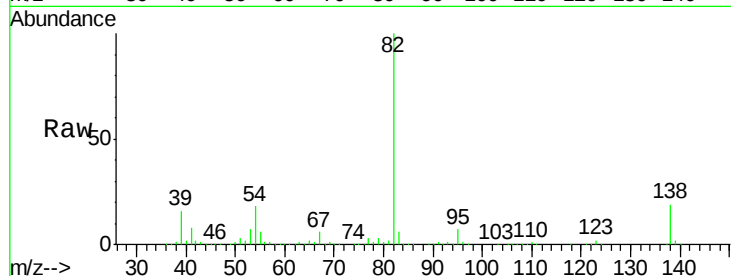
ClientSampleId :

CB-3-LINE-NW@3MSD

Tgt Ion:	82	Resp:	932976
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	18.9	14.9	22.3

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#26

2-Nitrophenol

Concen: 29.774 ng

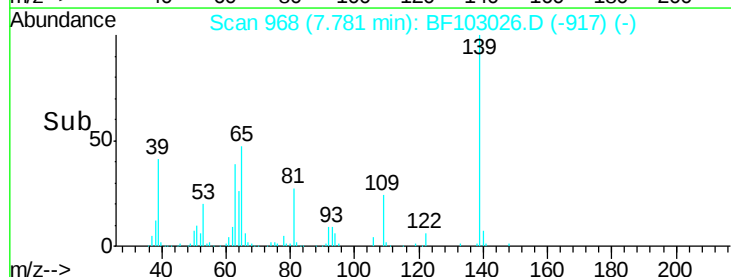
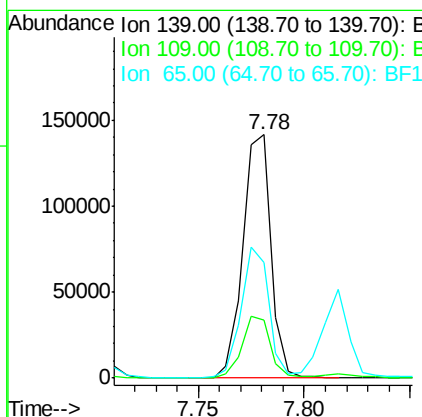
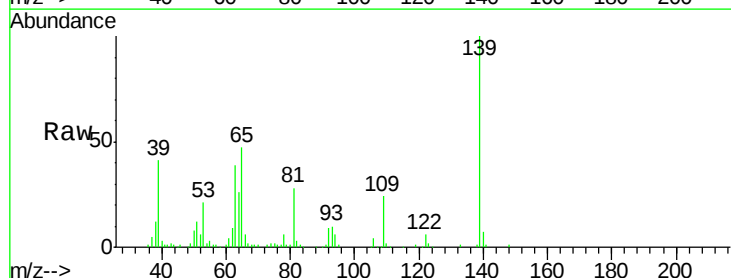
RT: 7.78 min Scan# 968

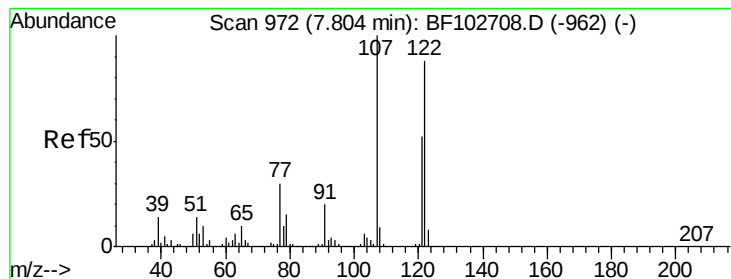
Delta R.T. 0.00 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Tgt Ion:	139	Resp:	131193
Ion Ratio	Lower	Upper	
139	100		
109	24.1	22.7	34.1
65	47.4	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 39.780 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103026.D

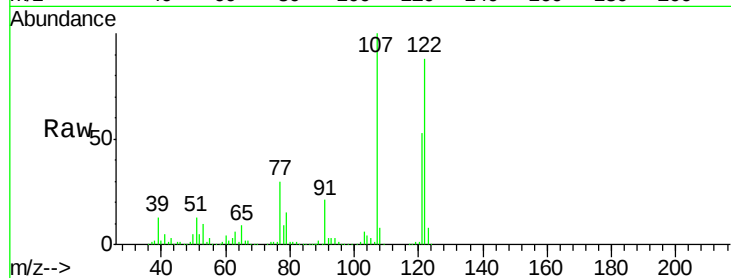
Acq: 15 Feb 2018 19:10

Instrument :

BNA_F

ClientSampleId :

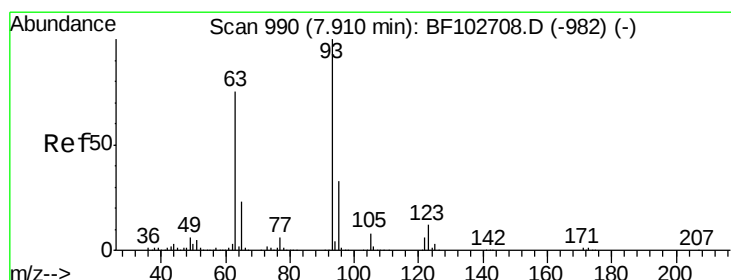
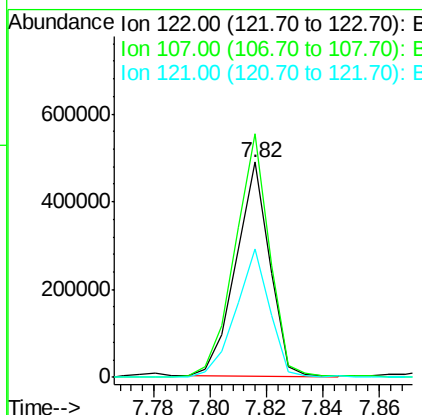
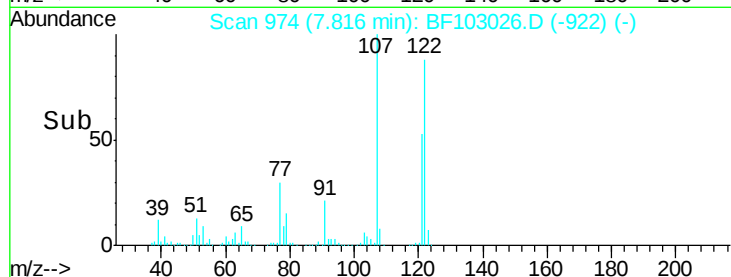
CB-3-LINE-NW@3MSD



Tgt Ion:	122	Resp:	407855
Ion Ratio	Lower	Upper	
122	100		
107	113.2	91.2	136.8
121	59.5	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 41.072 ng

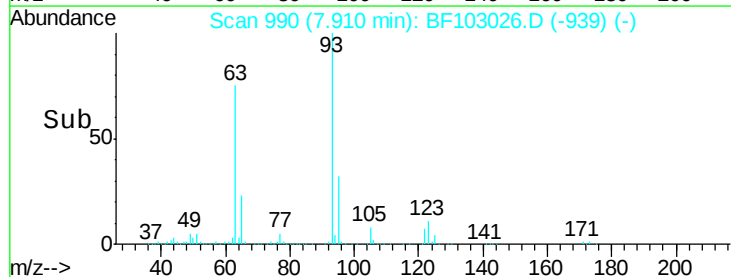
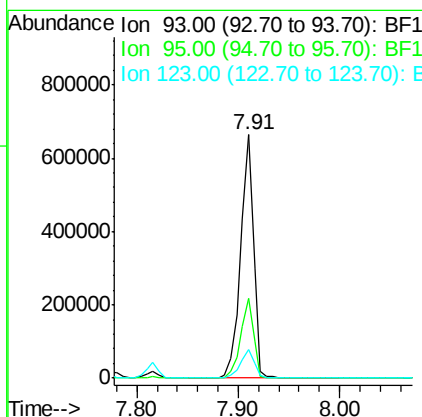
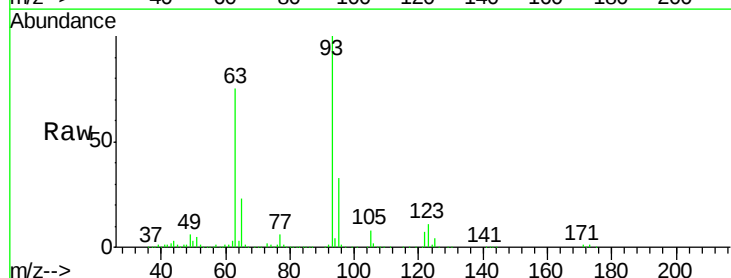
RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Tgt Ion:	93	Resp:	590465
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.3	39.5
123	11.5	9.8	14.6





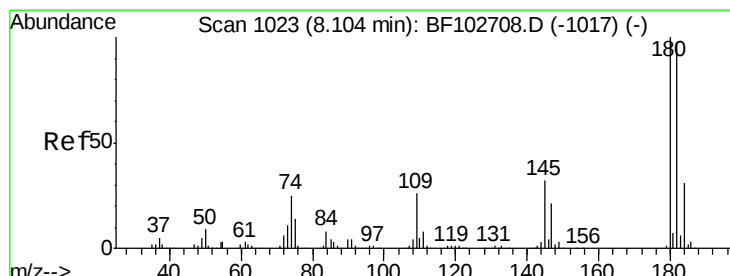
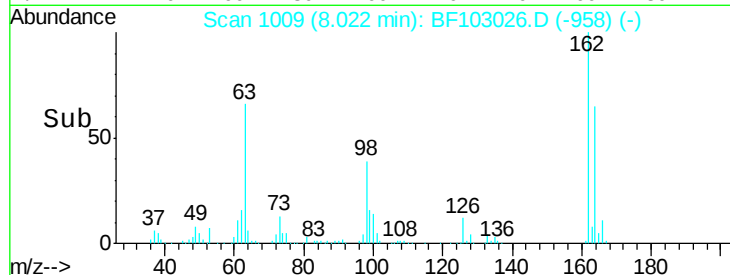
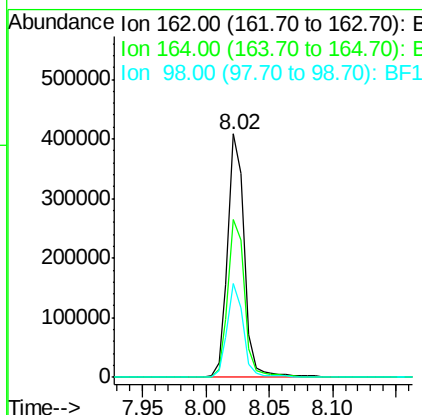
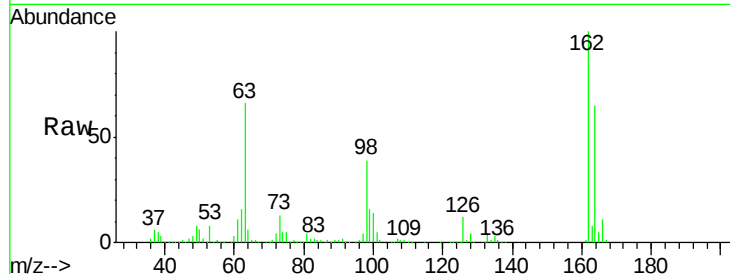
#29
2,4-Dichlorophenol
Concen: 40.358 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	376159		
164	65.0	42.7	82.7	
98	38.6	18.1	58.1	

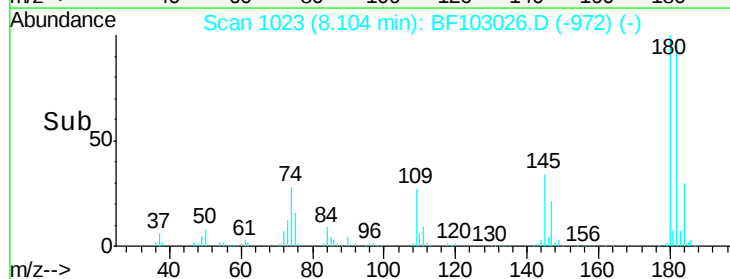
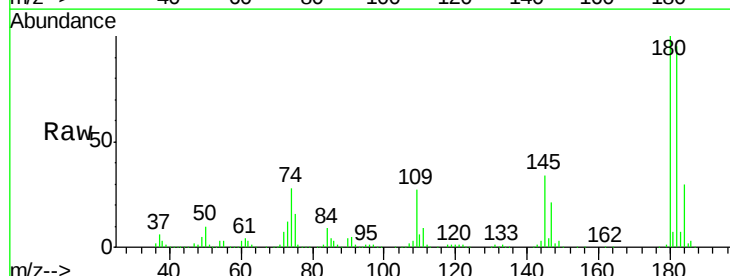
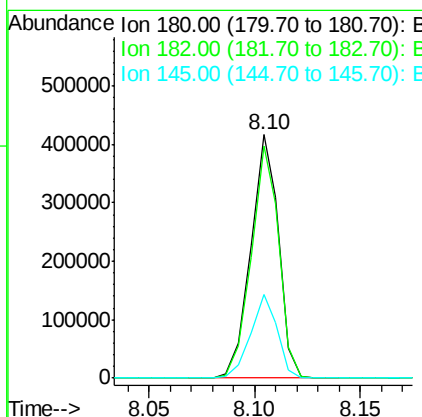
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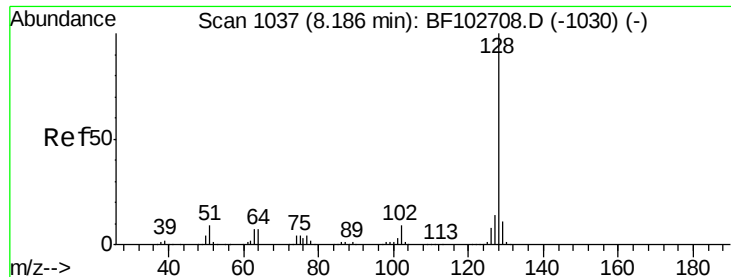
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#30
1,2,4-Trichlorobenzene
Concen: 36.159 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	381259		
182	95.3	76.8	115.2	
145	34.2	26.5	39.7	





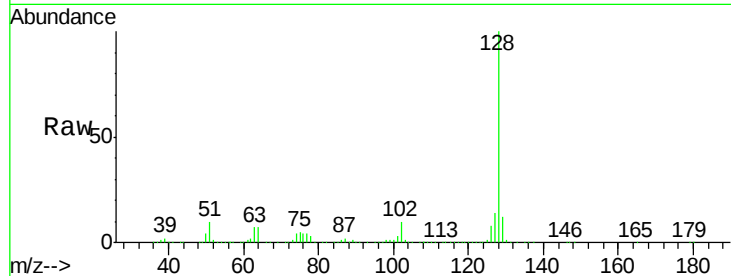
#31
Naphthalene
Concen: 48.879 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3MSD

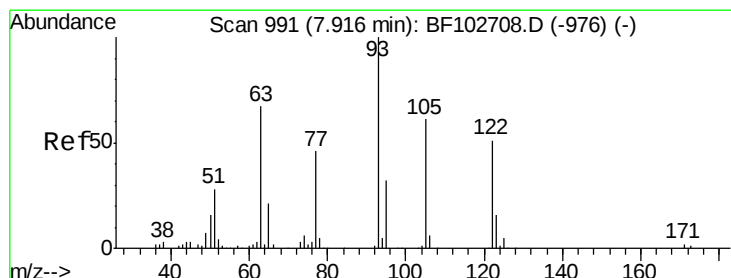
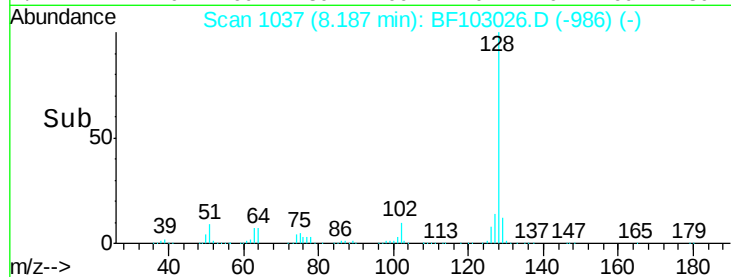
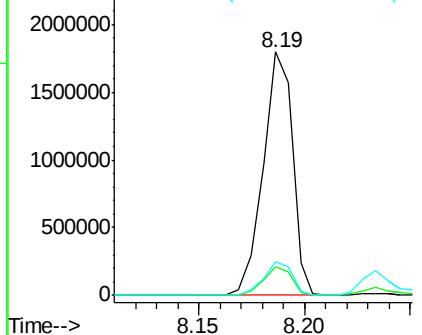
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.9	10.9	16.3

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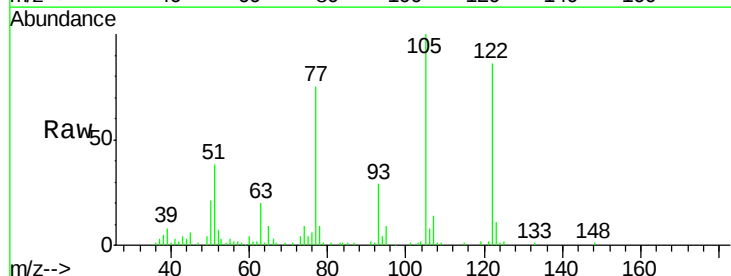


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

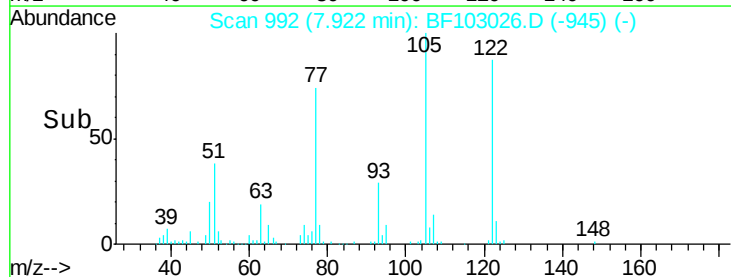
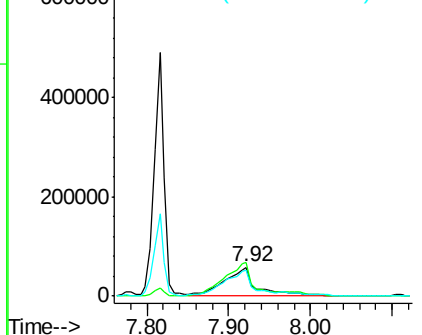


#32
Benzoic acid
Concen: 27.585 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.8	101.1	141.1
77	87.4	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





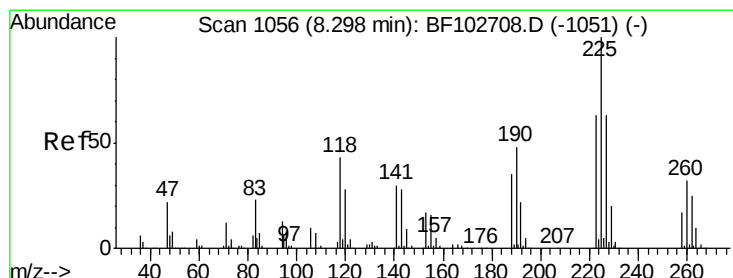
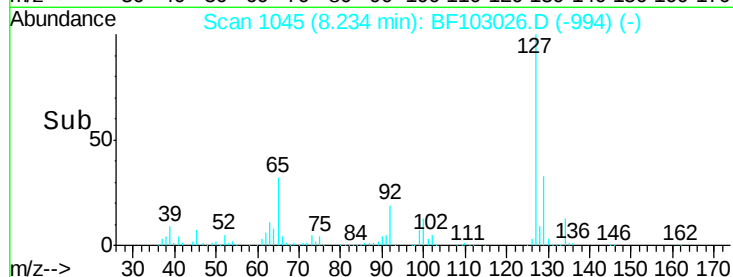
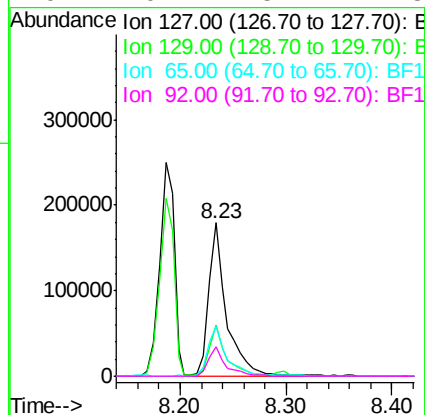
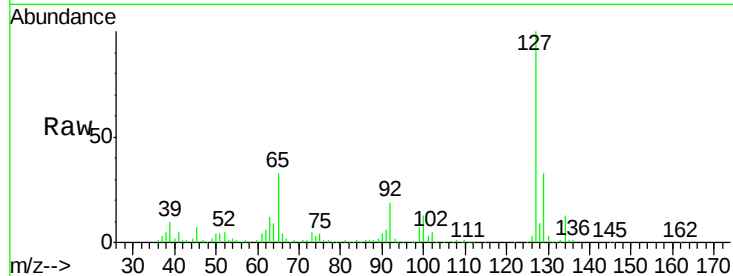
#33
 4-Chloroaniline
 Concen: 13.517 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF103026.D
 Acq: 15 Feb 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	207999		
129	33.2	25.9	38.9	
65	32.5	25.0	37.4	
92	19.2	15.2	22.8	

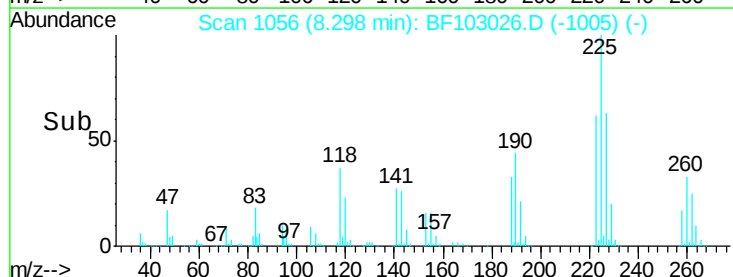
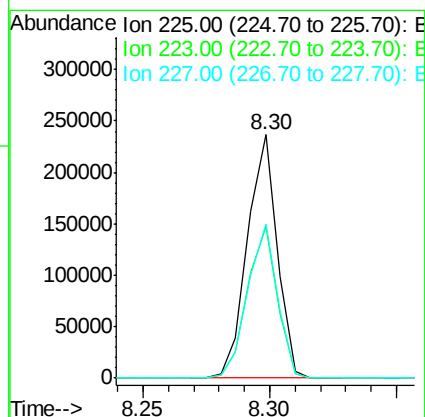
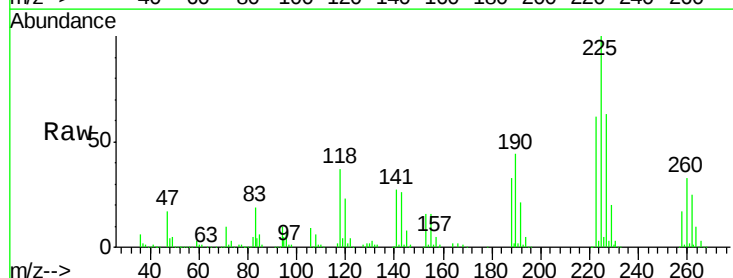
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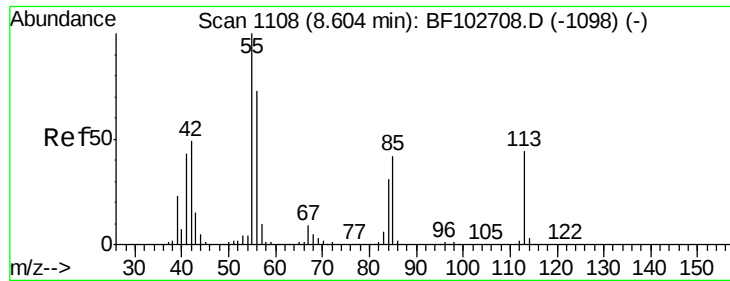
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#34
 Hexachlorobutadiene
 Concen: 35.852 ng
 RT: 8.30 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF103026.D
 Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	193712		
223	62.4	50.6	76.0	
227	63.0	51.9	77.9	





#35

Caprolactam

Concen: 40.937 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Instrument :

BNA_F

ClientSampleId :

CB-3-LINE-NW@3MSD

Tgt Ion:113 Resp: 132507
Ion Ratio Lower Upper

113 100

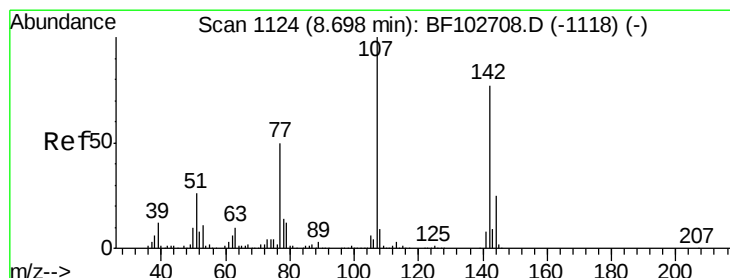
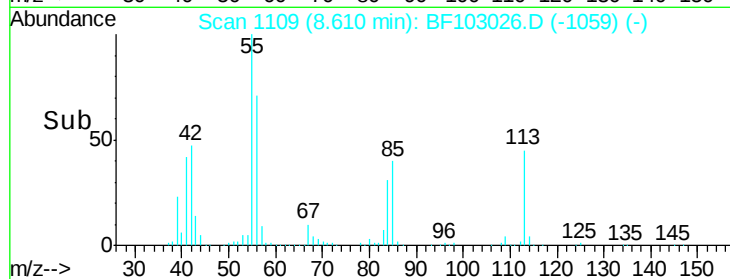
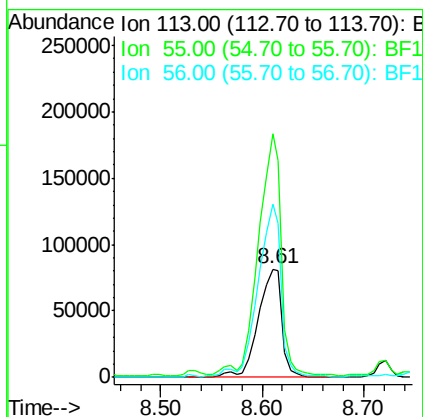
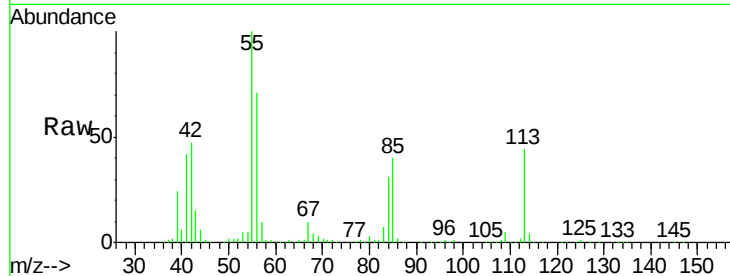
55 225.4 163.3 203.3#

56 160.7 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 39.310 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF103026.D

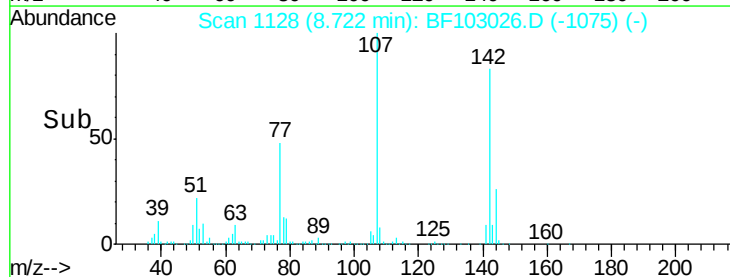
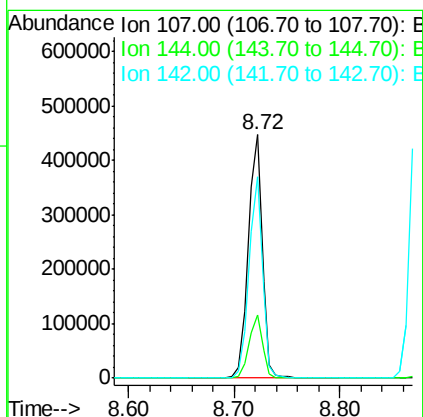
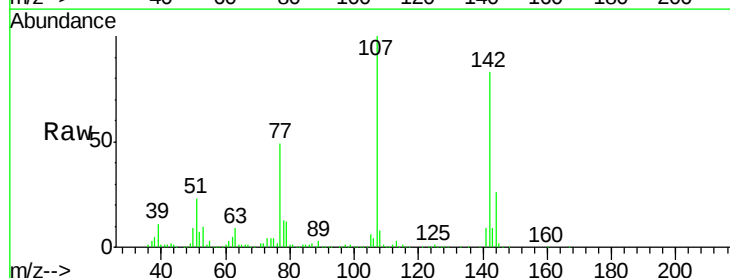
Acq: 15 Feb 2018 19:10

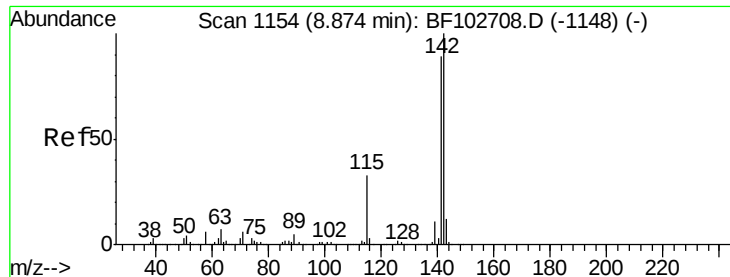
Tgt Ion:107 Resp: 411663
Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

142 82.6 62.0 93.0





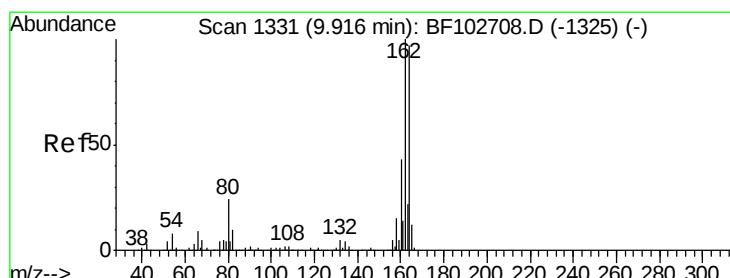
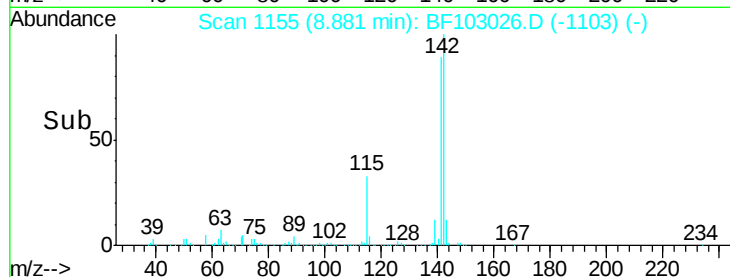
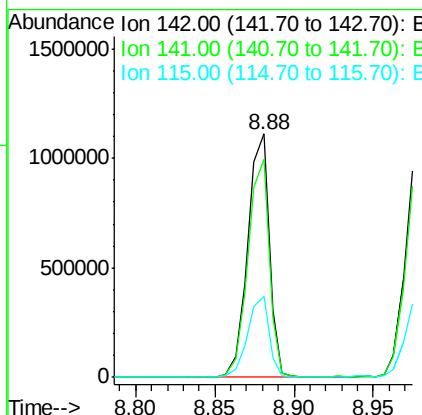
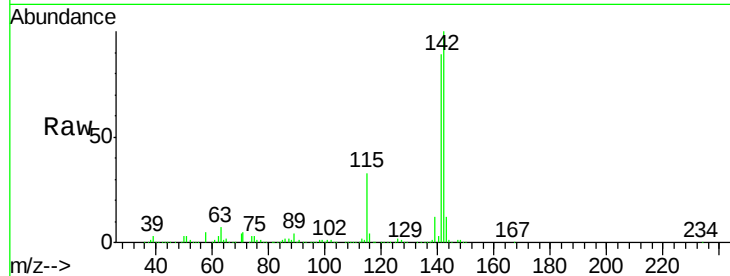
#37
2-Methylnaphthalene
Concen: 44.846 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	33.3	26.1	39.1

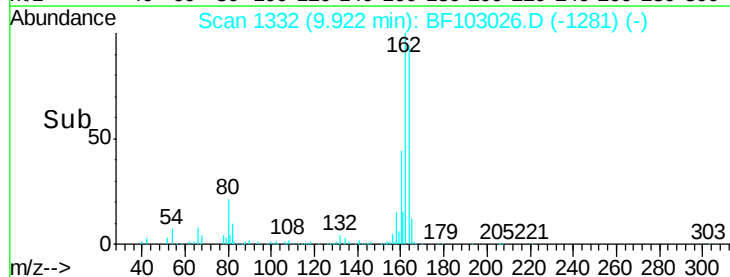
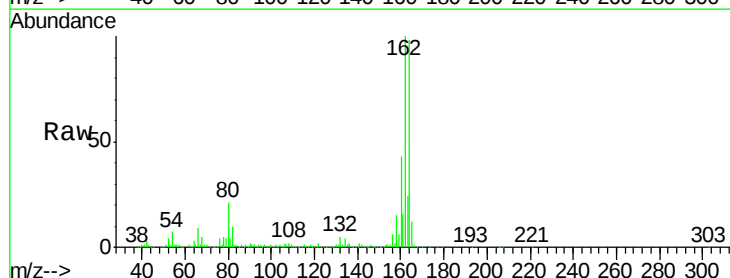
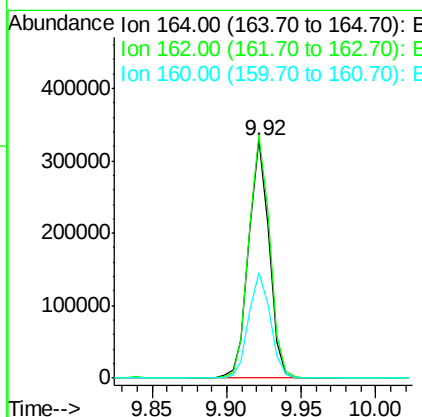
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	44.3	38.3	57.5





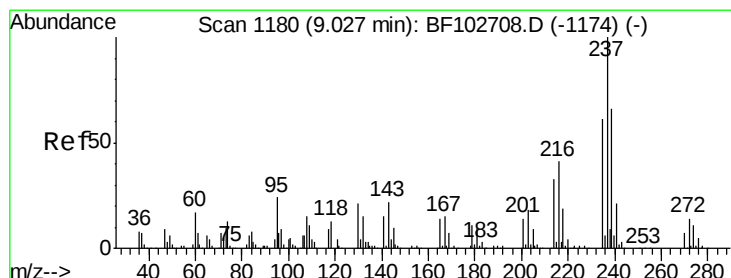
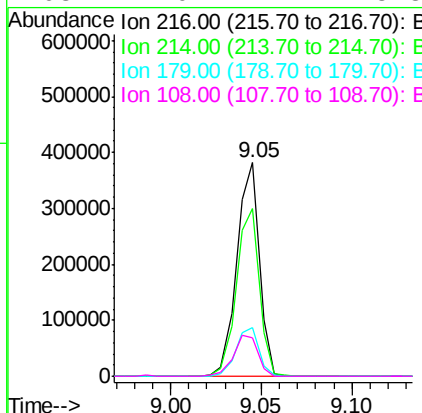
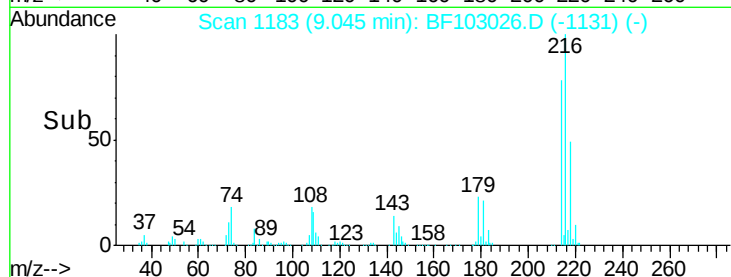
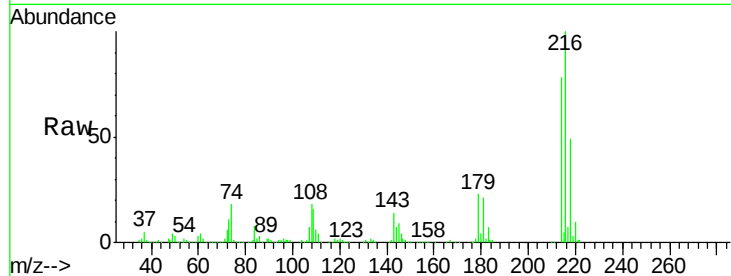
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.199 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF103026.D
 Acq: 15 Feb 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	330528		
214	80.2	63.0	94.4	
179	23.3	18.1	27.1	
108	21.0	17.2	25.8	

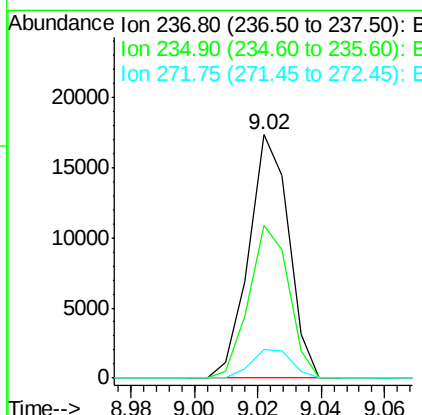
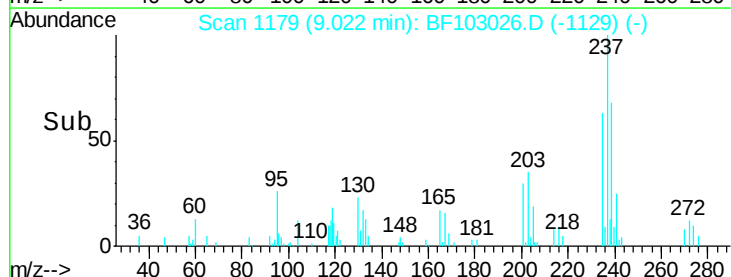
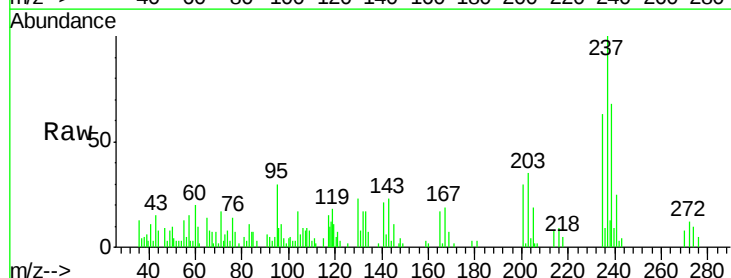
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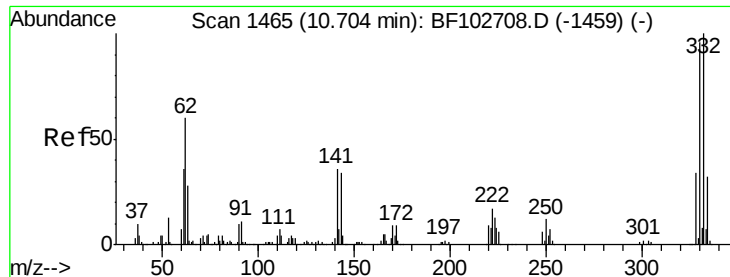
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#40
 Hexachlorocyclopentadiene
 Concen: 3.783 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF103026.D
 Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	15165		
235	62.9	44.8	84.8	
272	11.6	0.0	33.3	





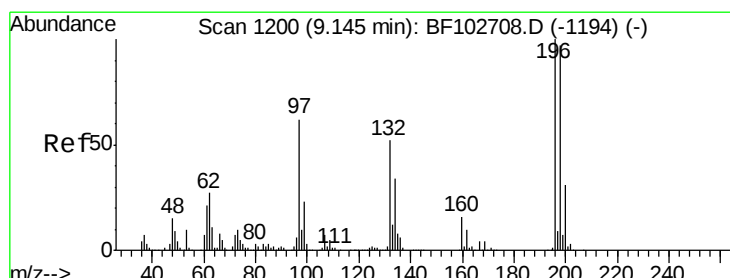
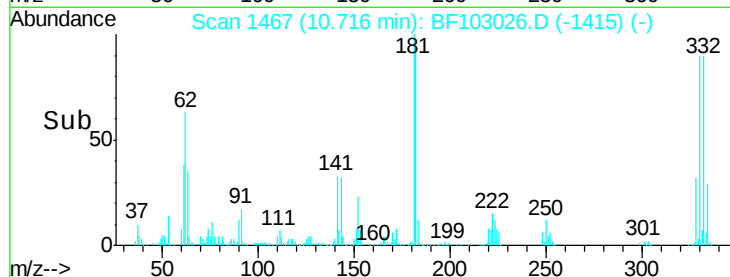
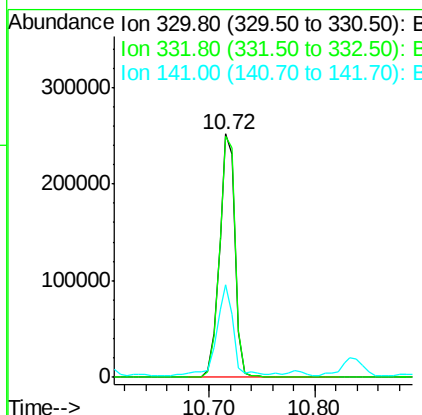
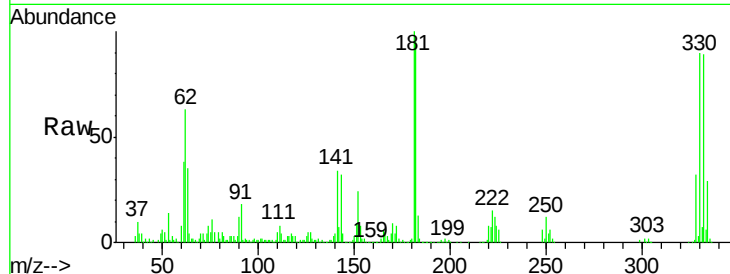
#41
 2,4,6-Tribromophenol
 Concen: 104.334 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103026.D
 Acq: 15 Feb 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	260061		
332	100.6	77.0	115.6	
141	40.5	29.9	44.9	

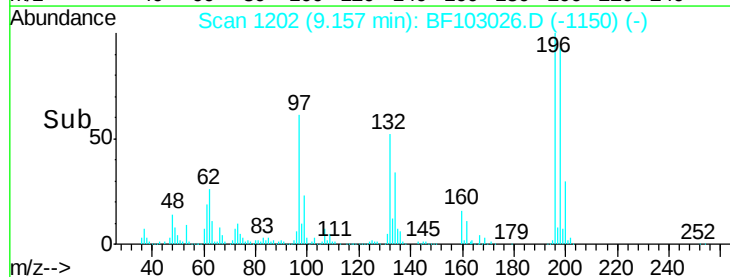
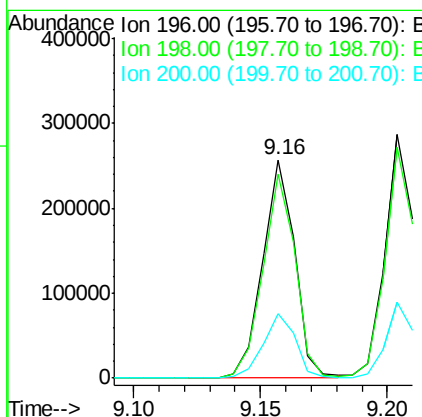
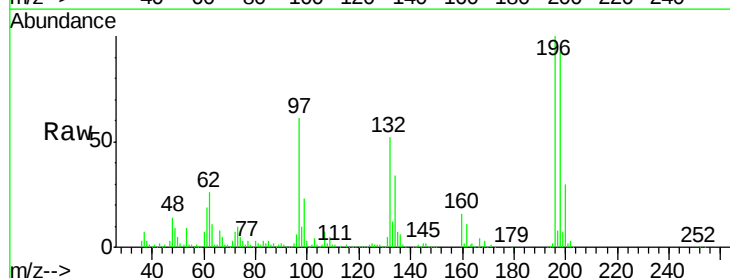
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#42
 2,4,6-Trichlorophenol
 Concen: 41.307 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF103026.D
 Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	228775		
198	93.3	75.7	113.5	
200	29.6	24.5	36.7	





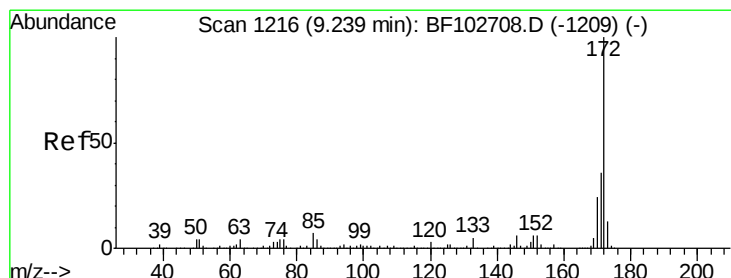
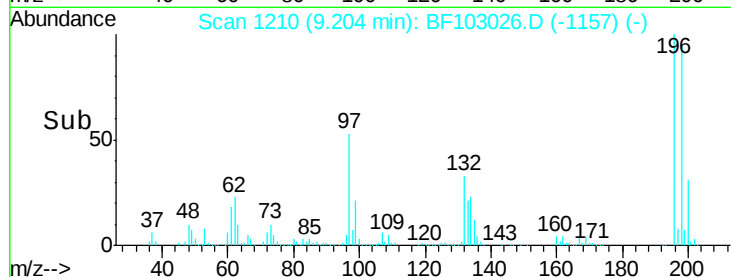
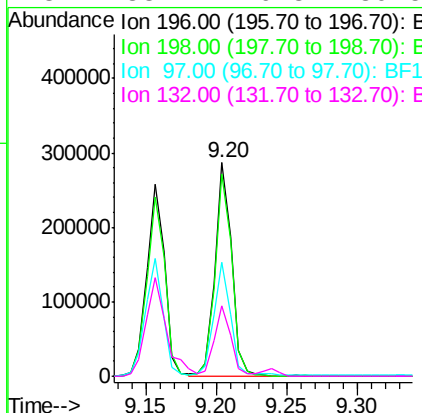
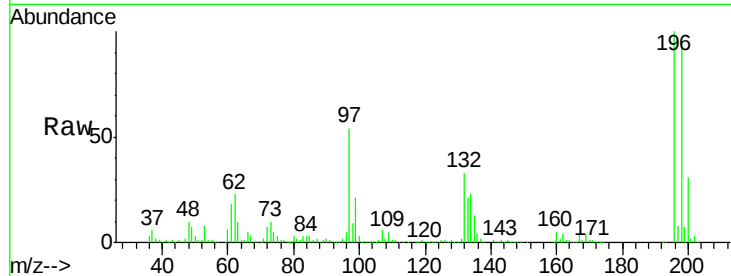
#43
 2,4,5-Trichlorophenol
 Concen: 37.984 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF103026.D
 Acq: 15 Feb 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	237108		
198	95.0	74.6	112.0	
97	53.6	42.9	64.3	
132	33.2	26.3	39.5	

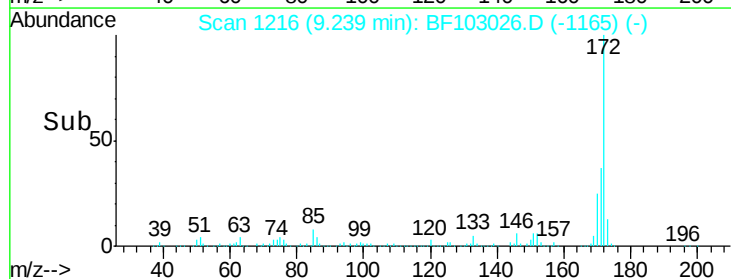
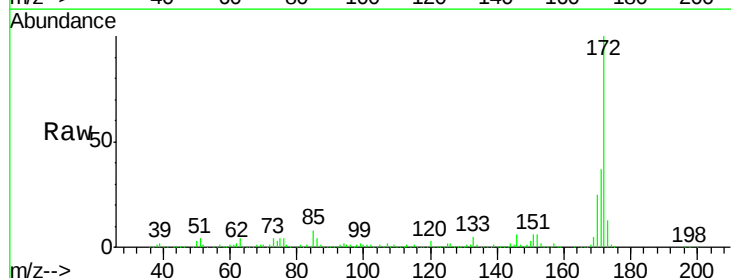
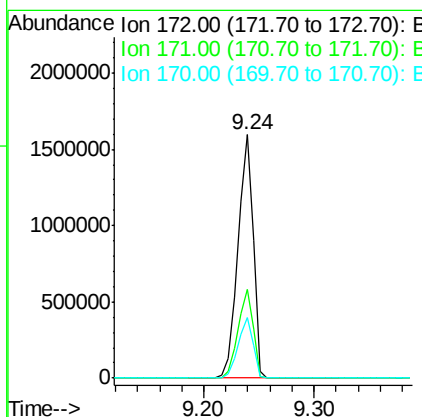
Manual Integrations
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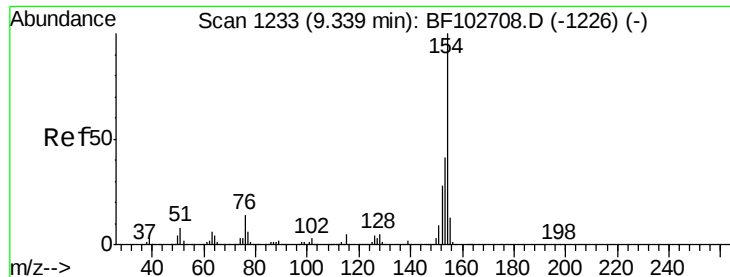
Sohil
 2/16/2018 2:31:21 PM



#44
 2-Fluorobiphenyl
 Concen: 83.051 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF103026.D
 Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1549968		
171	36.7	29.7	44.5	
170	24.9	19.6	29.4	





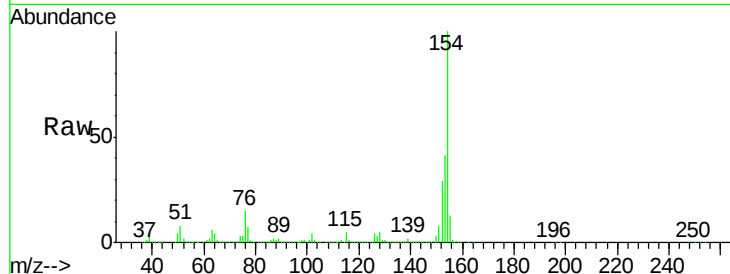
#45
1,1'-Biphenyl
Concen: 39.821 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	14.9	0.0	34.0

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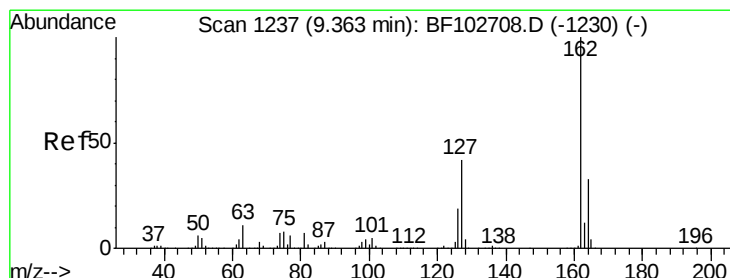
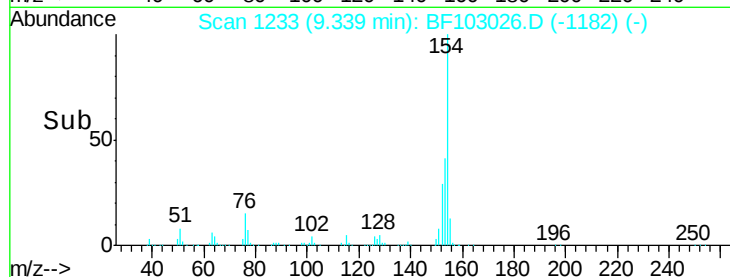
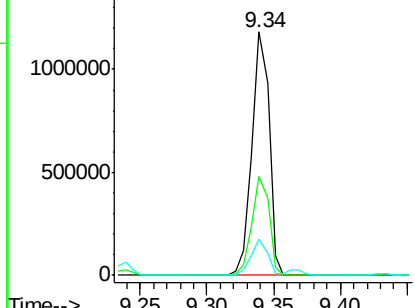


Abundance

Ion 154.00 (153.70 to 154.70): E

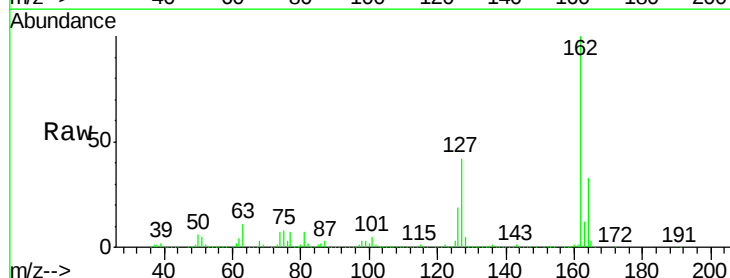
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
2-Chloronaphthalene
Concen: 36.843 ng
RT: 9.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.9	50.9
164	33.0	26.5	39.7

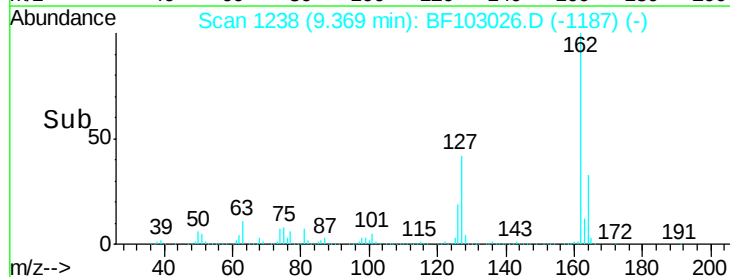
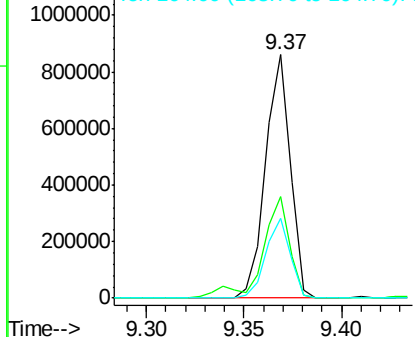


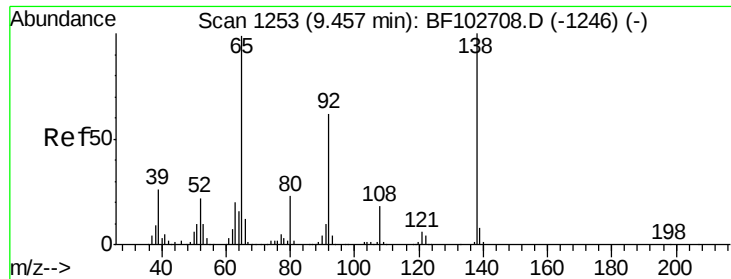
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





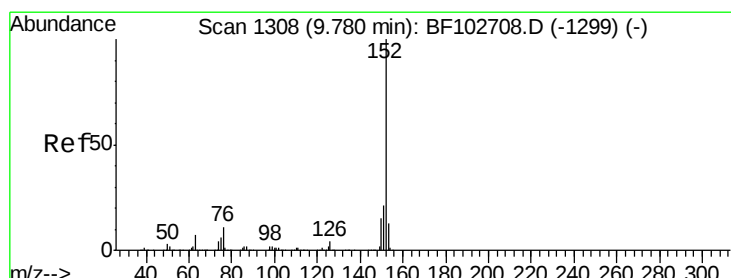
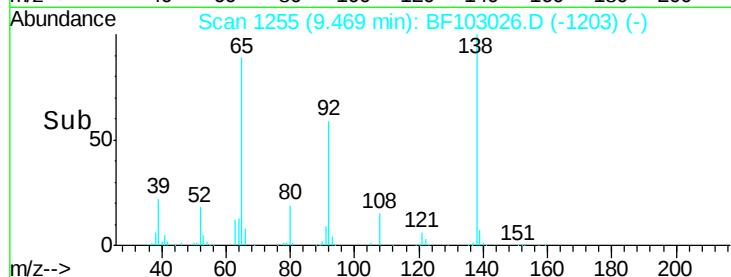
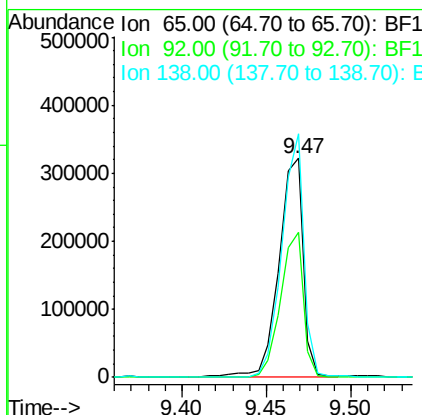
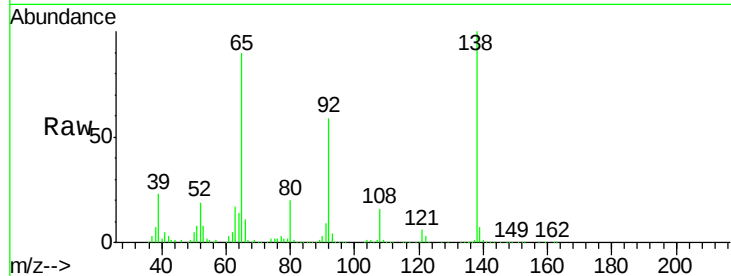
#47
2-Nitroaniline
Concen: 50.609 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	321976		
92	65.9	55.8	83.6	
138	111.1	91.2	136.8	

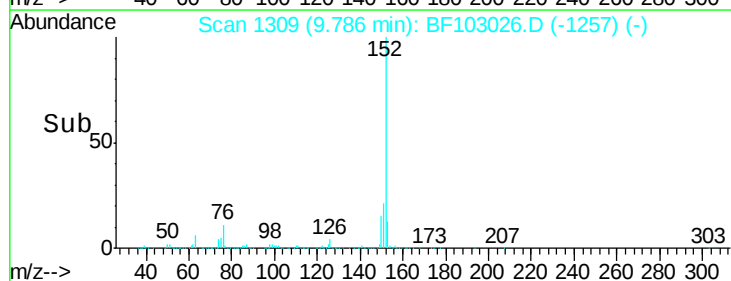
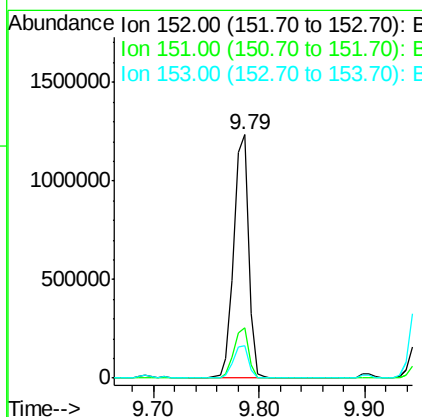
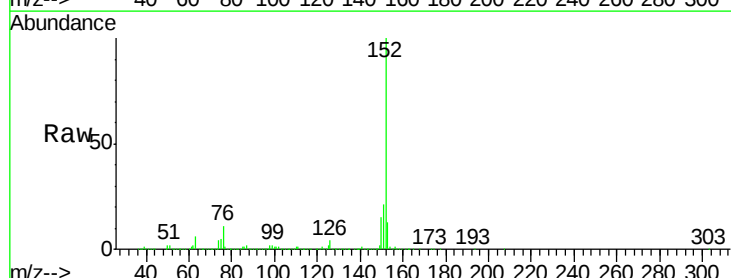
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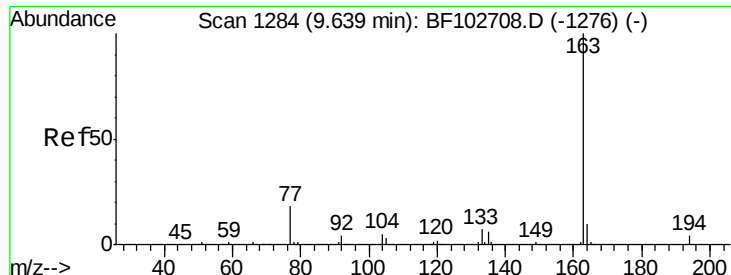
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#48
Acenaphthylene
Concen: 37.187 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1186044		
151	20.8	16.3	24.5	
153	13.3	10.7	16.1	





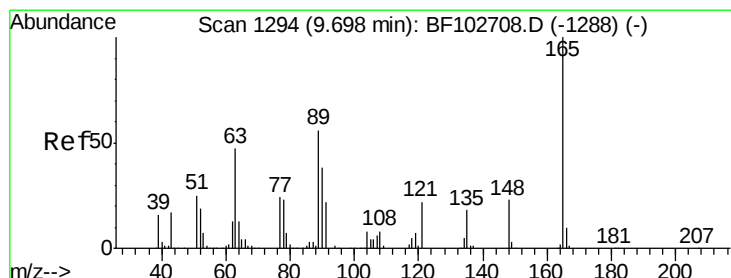
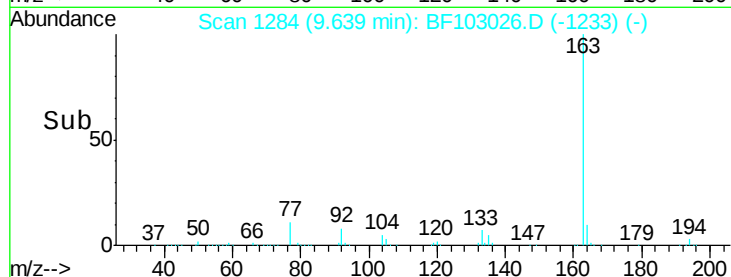
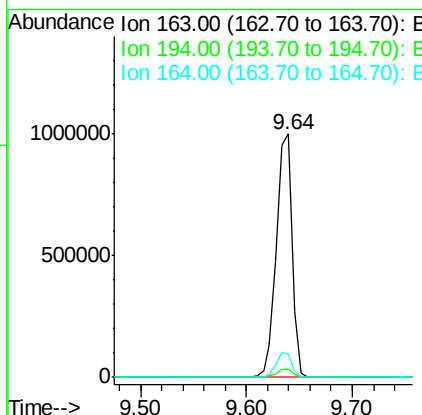
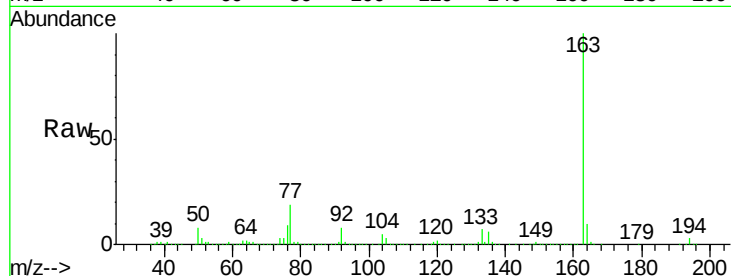
#49
Dimethylphthalate
Concen: 42.164 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.7	8.2	12.2

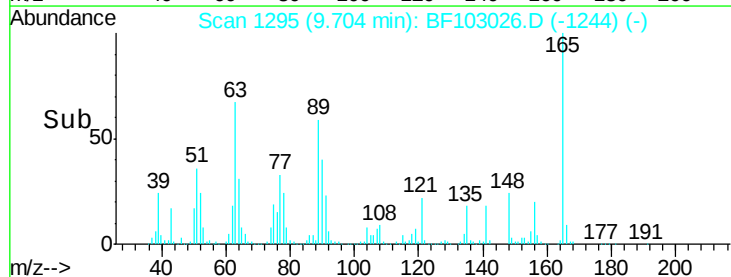
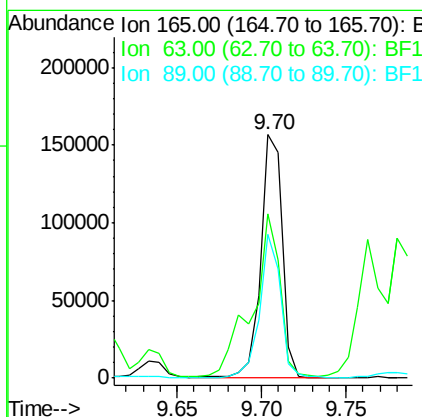
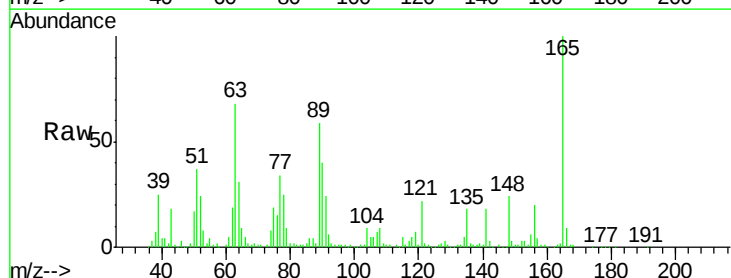
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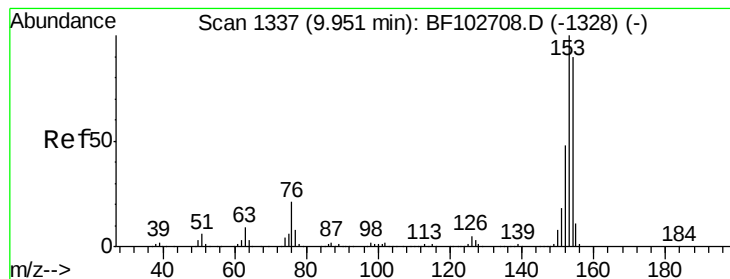
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#50
2,6-Dinitrotoluene
Concen: 30.112 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	67.7	44.7	67.1#
89	59.3	44.0	66.0





#51

Acenaphthene

Concen: 84.545 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF103026.D

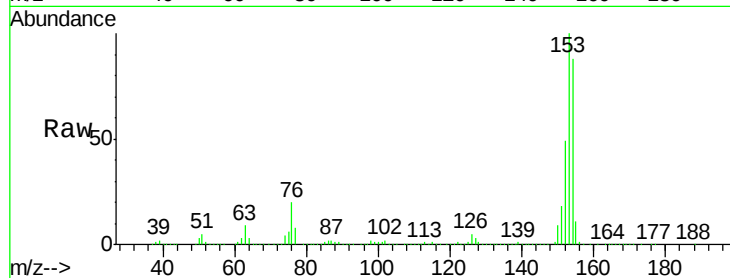
Acq: 15 Feb 2018 19:10

Instrument :

BNA_F

ClientSampleId :

CB-3-LINE-NW@3MSD



Tgt Ion:154 Resp: 1612587

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

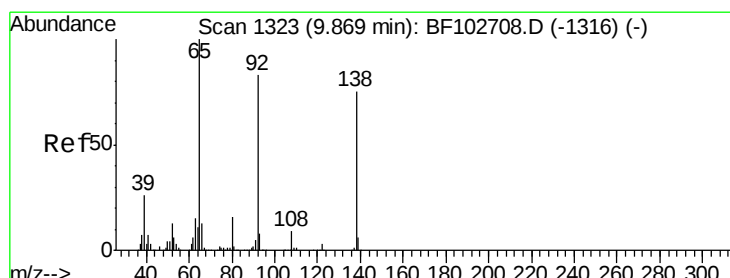
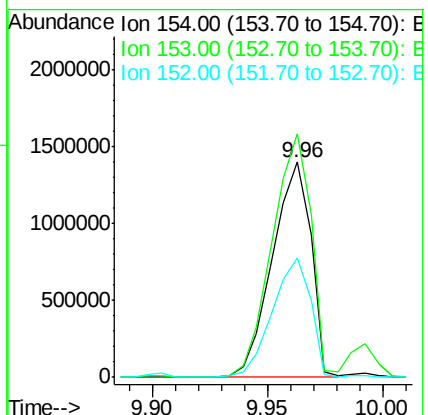
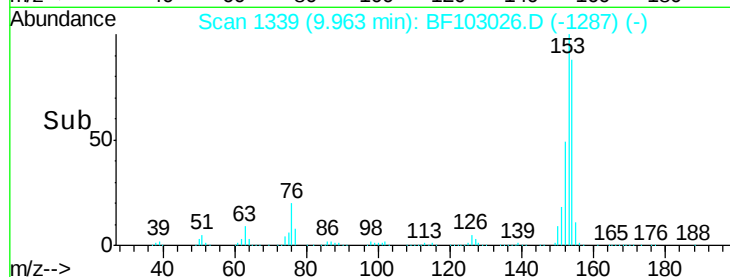
152 55.5 43.8 65.8

Manual Integrations

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#52

3-Nitroaniline

Concen: 44.430 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

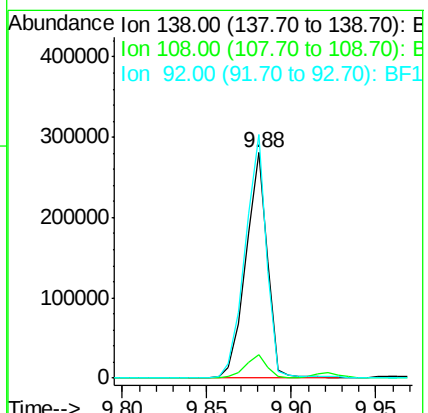
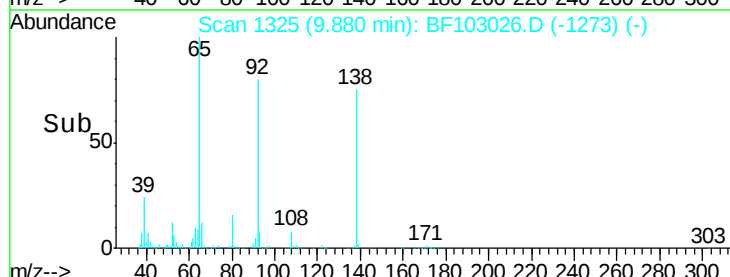
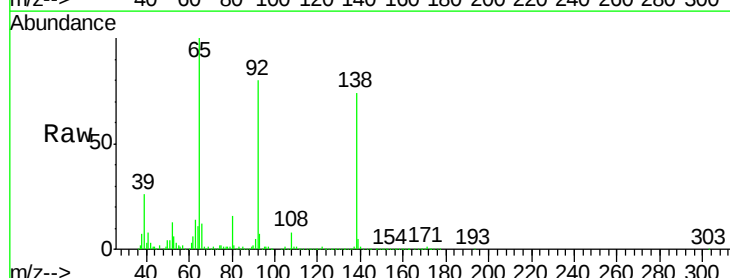
Tgt Ion:138 Resp: 251146

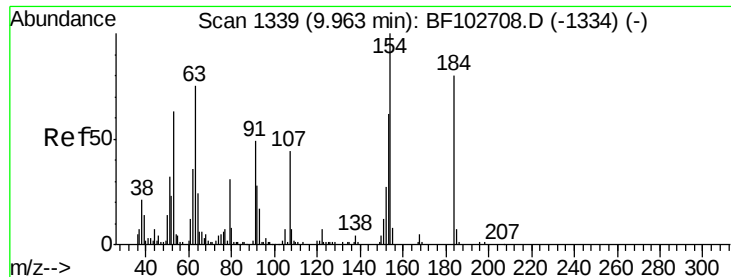
Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

92 108.1 89.4 134.2





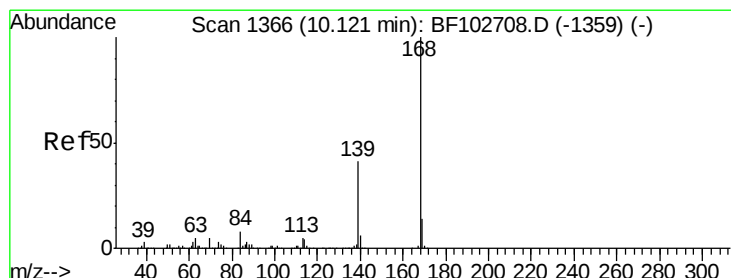
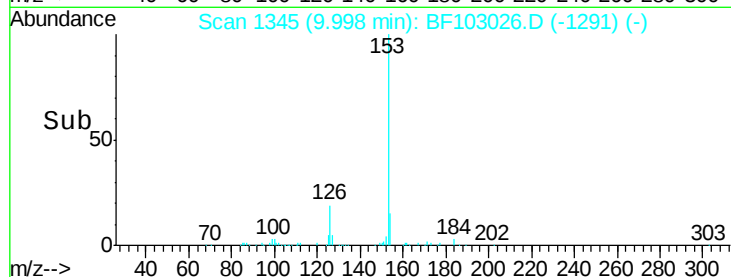
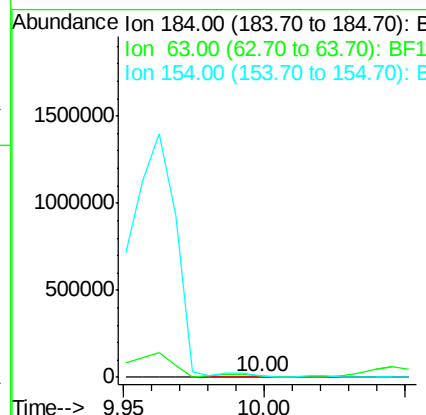
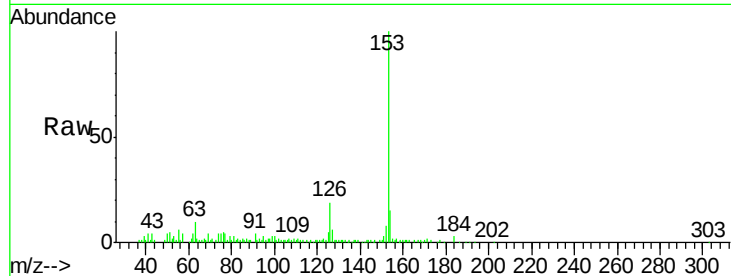
#53
2,4-Dinitrophenol
Concen: 12.335 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Lower	Upper
184	100		
63	297.5	54.2	81.2#
154	454.7	184.0	276.0#

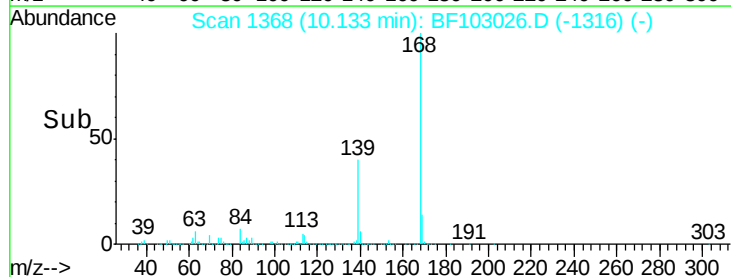
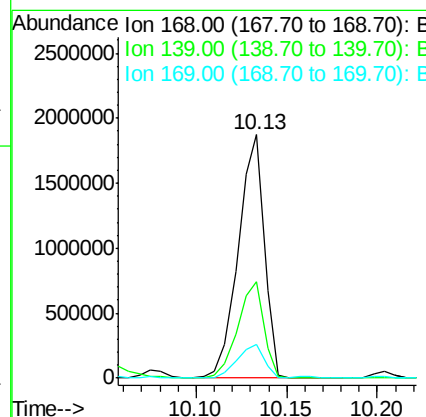
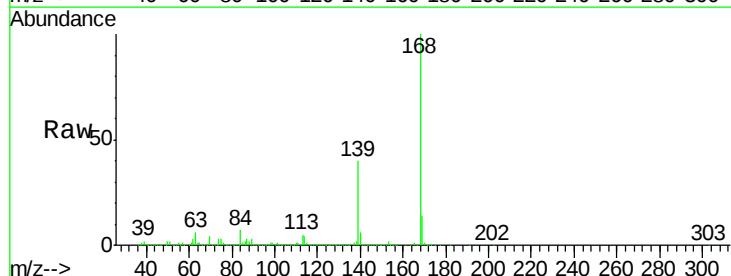
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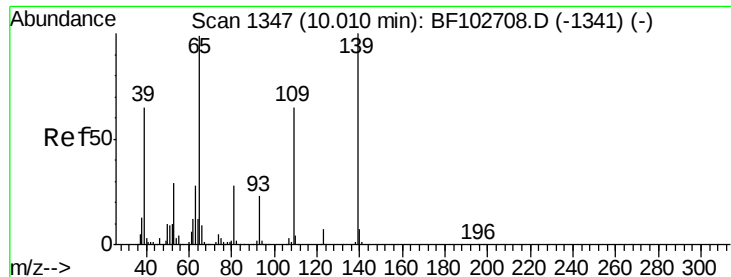
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#54
Dibenzofuran
Concen: 69.254 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.1	45.1
169	13.8	10.9	16.3





#55

4-Nitrophenol

Concen: 62.730 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Instrument :

BNA_F

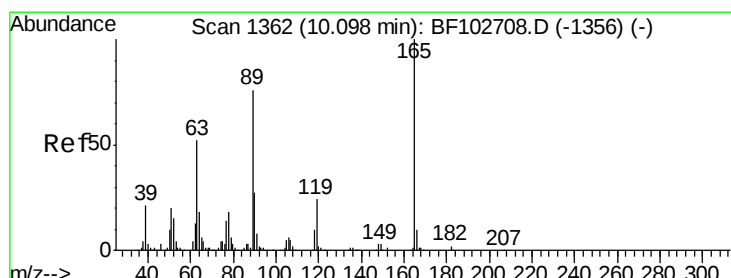
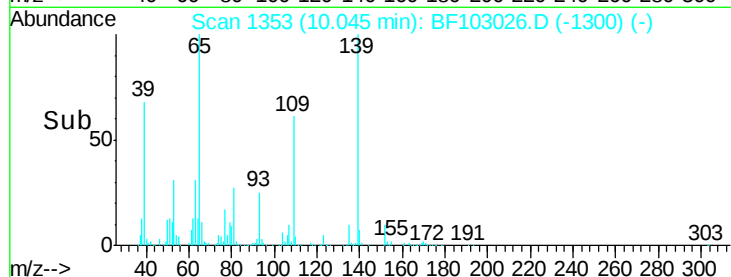
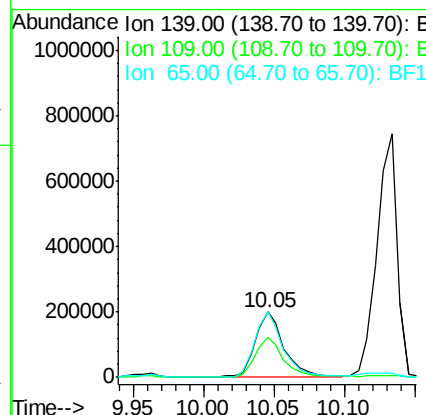
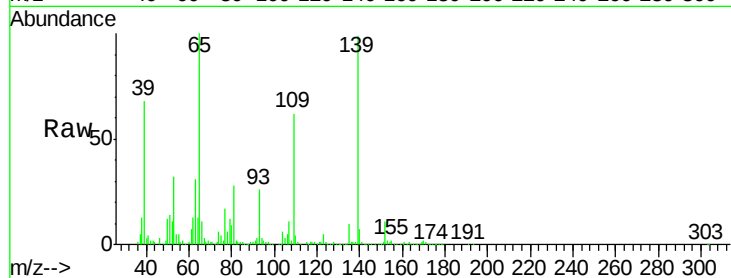
ClientSampleId :

CB-3-LINE-NW@3MSD

Tgt Ion:	139	Resp:	287145
Ion Ratio	Lower	Upper	
139	100		
109	62.3	48.4	88.4
65	100.6	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 24.904 ng

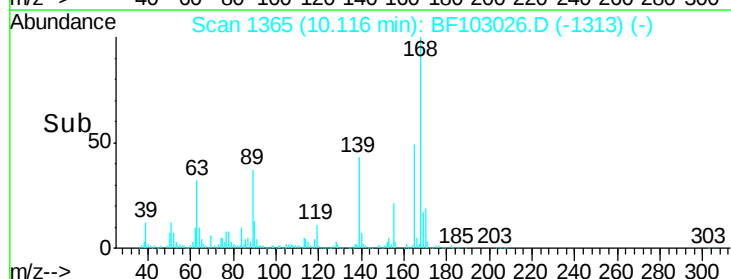
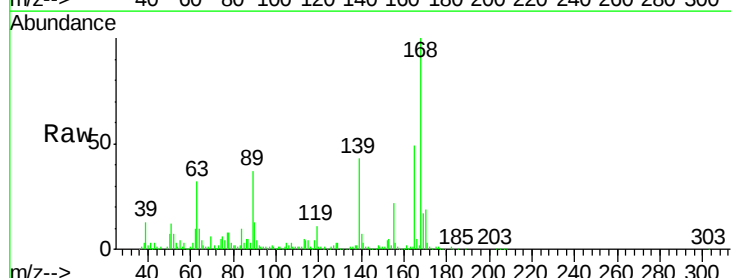
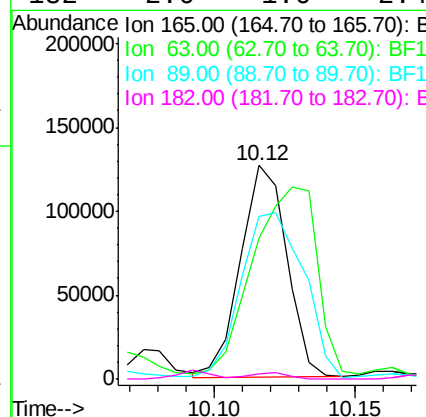
RT: 10.12 min Scan# 1365

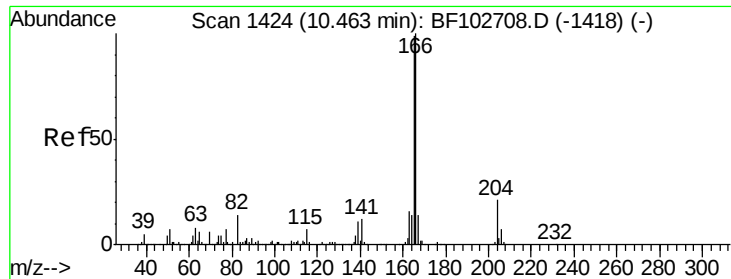
Delta R.T. 0.01 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Tgt Ion:	165	Resp:	143696
Ion Ratio	Lower	Upper	
165	100		
63	65.7	36.4	54.6#
89	76.3	57.8	86.6
182	2.6	1.6	2.4#





#57

Fluorene

Concen: 95.342 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Instrument :

BNA_F

ClientSampleId :

CB-3-LINE-NW@3MSD

Tgt Ion:166 Resp: 1864627

Ion Ratio Lower Upper

166 100

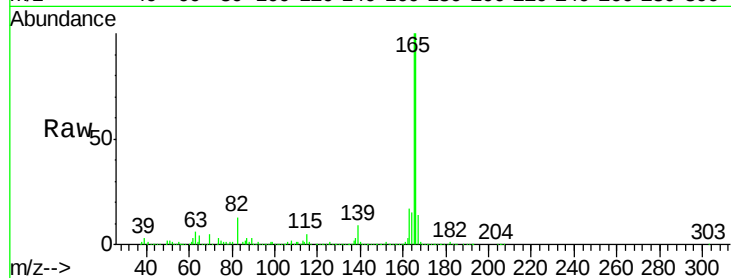
165 99.8 79.8 119.8

167 13.8 10.6 16.0

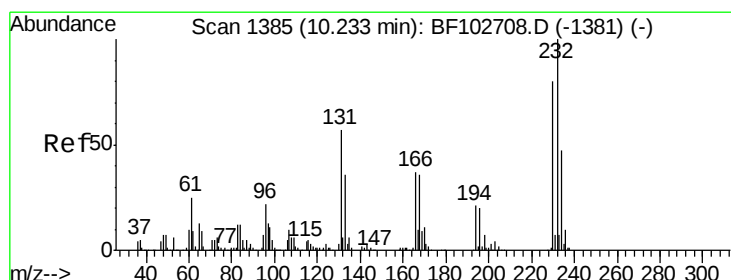
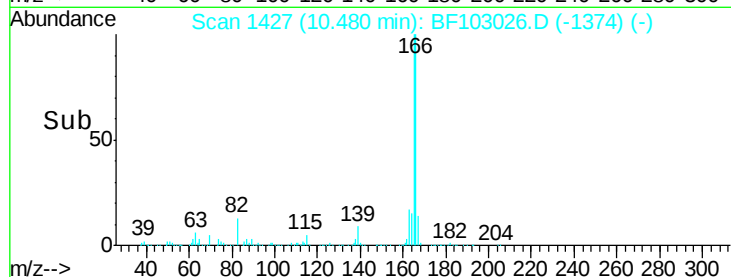
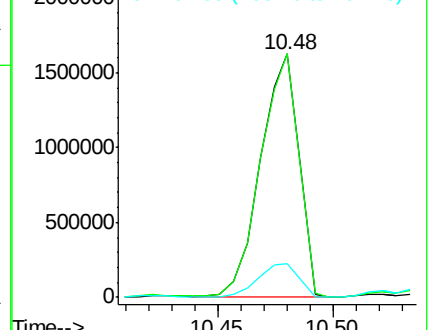
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.811 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.01 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Tgt Ion:232 Resp: 159264

Ion Ratio Lower Upper

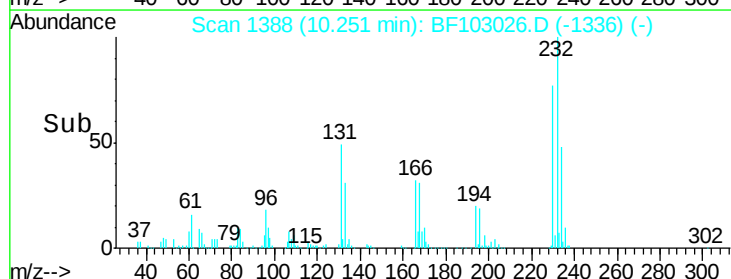
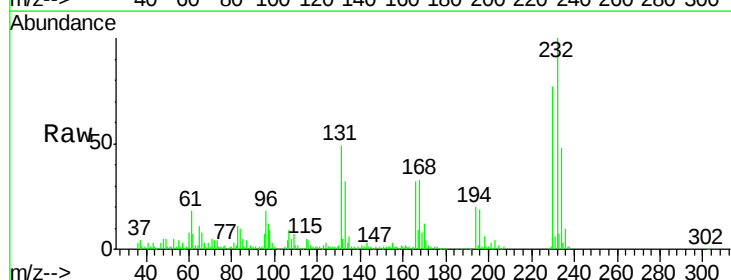
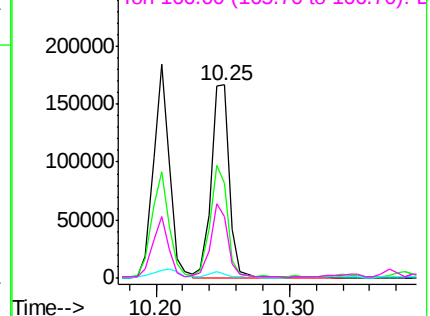
232 100

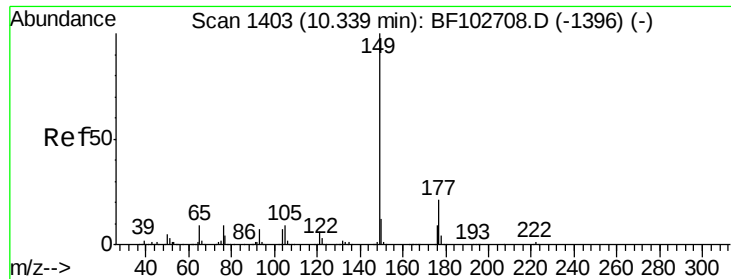
131 53.8 43.8 65.8

130 3.4 2.1 3.1#

166 35.8 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





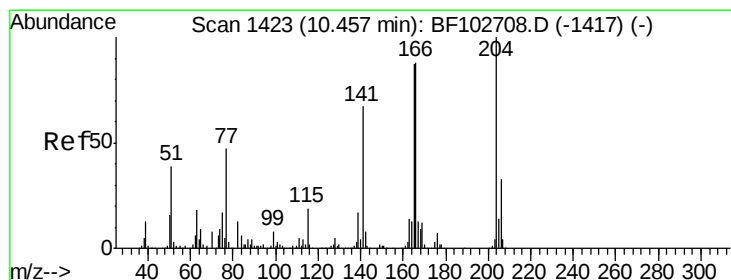
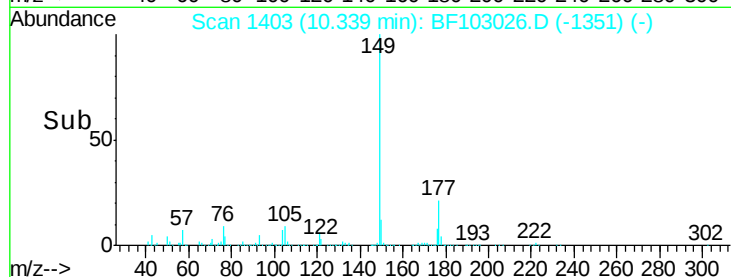
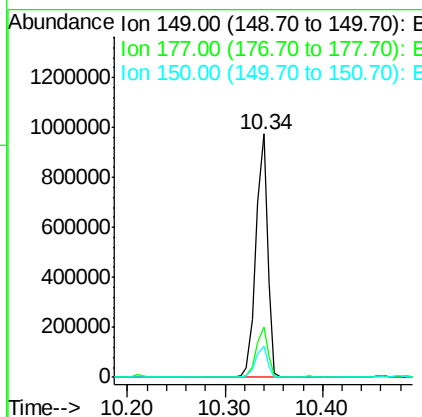
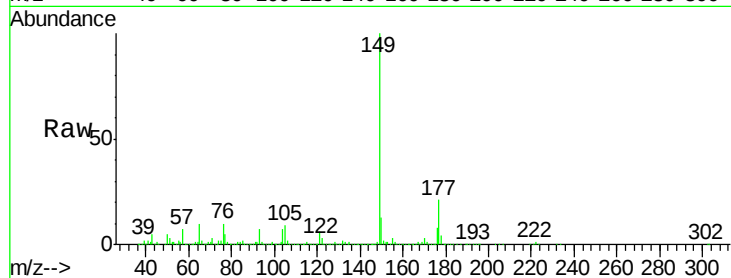
#59
Diethylphthalate
Concen: 34.833 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.1	24.1
150	12.6	10.1	15.1

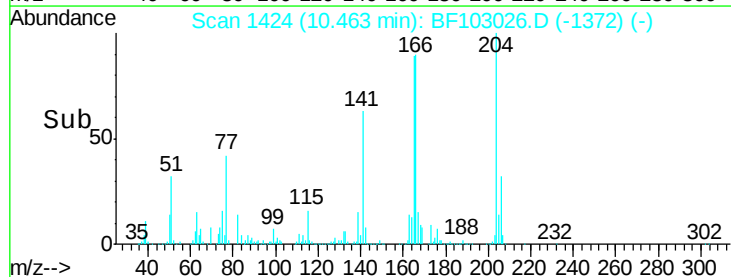
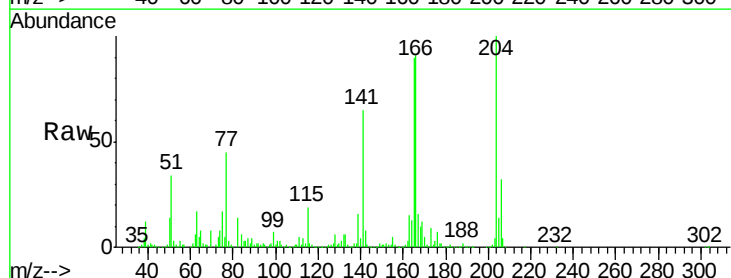
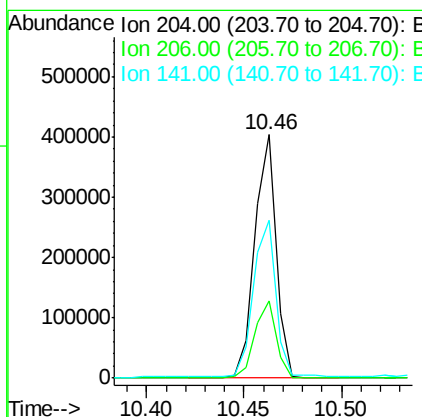
Manual Integrations
APPROVED

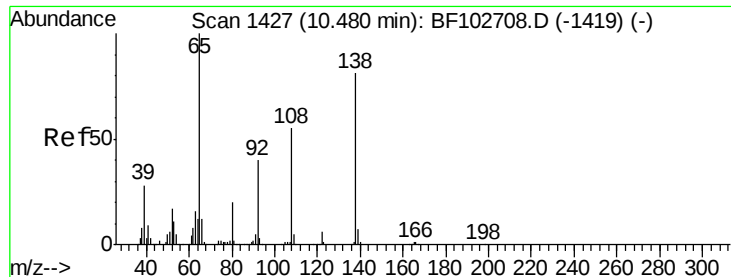
Sohil
2/16/2018 2:31:21 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.616 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.5	39.7
141	64.9	54.6	81.8





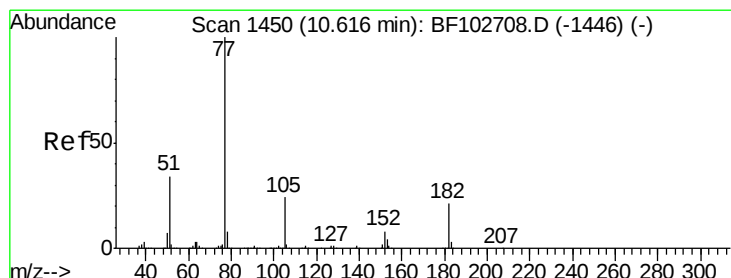
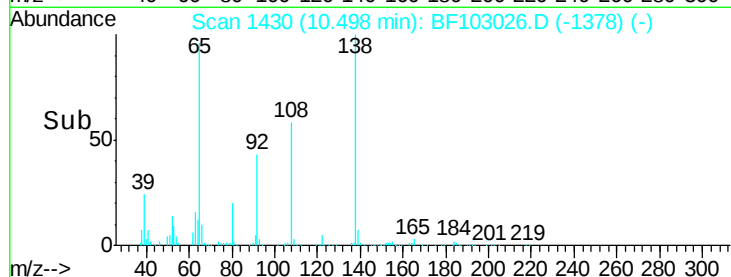
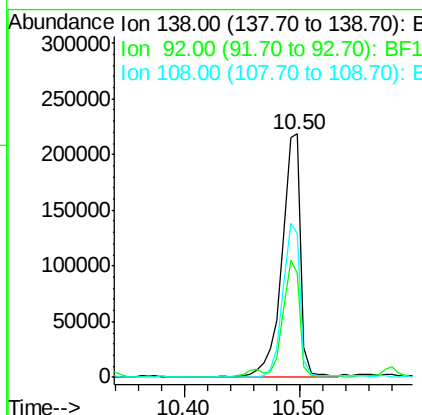
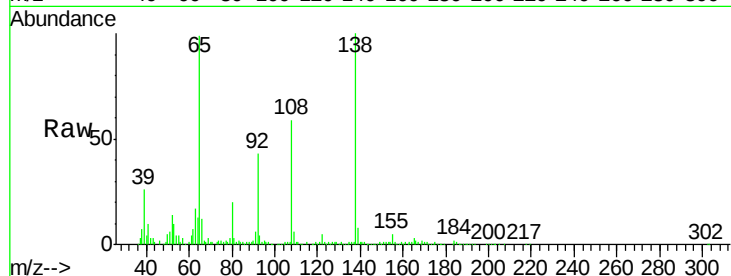
#61
4-Nitroaniline
Concen: 45.206 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.8	30.2	70.2
108	59.2	52.5	92.5

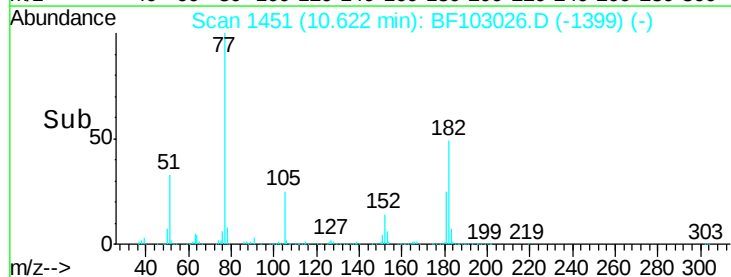
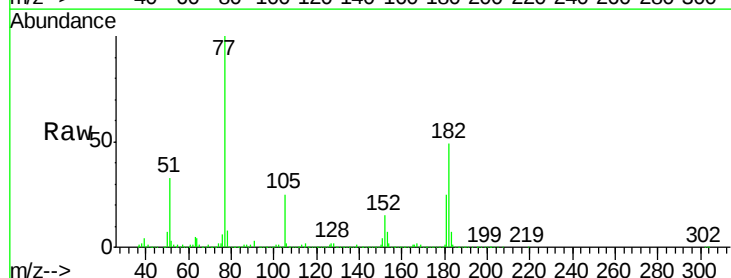
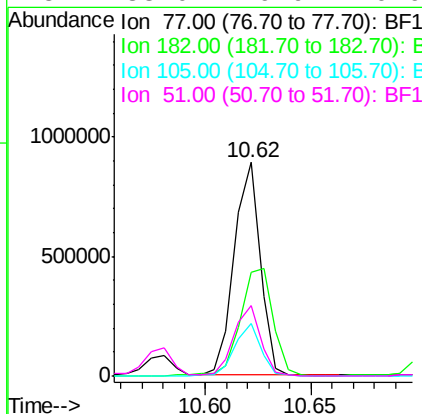
Manual Integrations
APPROVED

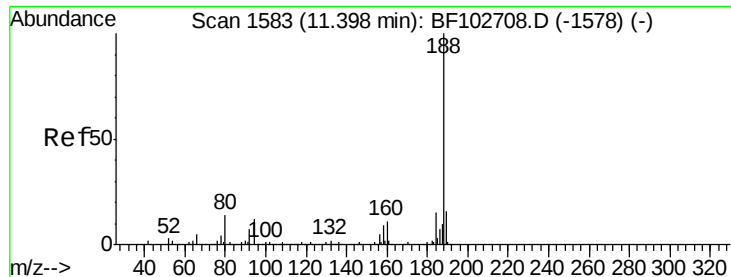
Sohil
2/16/2018 2:31:21 PM



#62
Azobenzene
Concen: 31.776 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	48.6	1.7	41.7#
105	24.7	3.0	43.0
51	33.0	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Instrument :

BNA_F

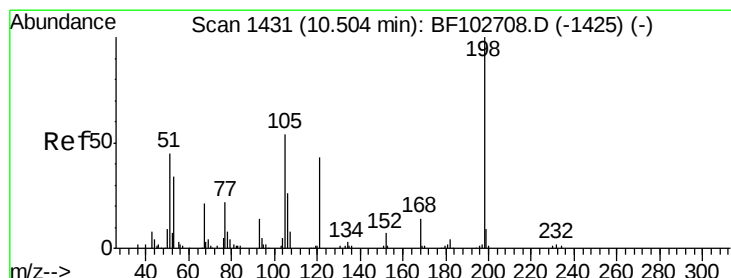
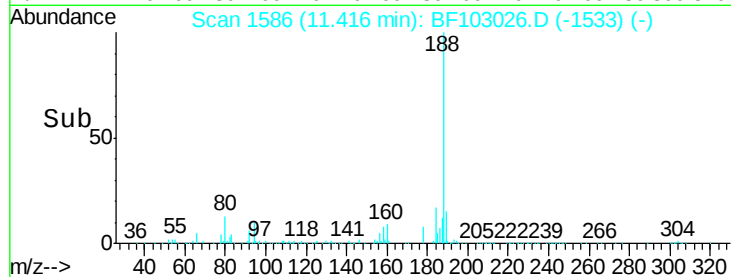
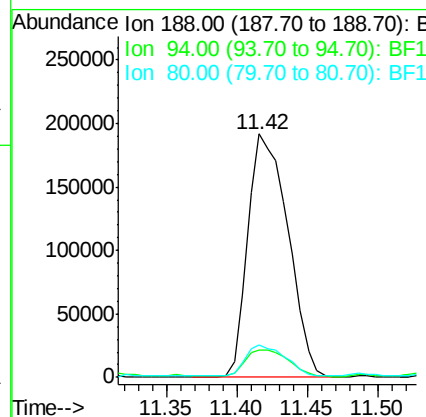
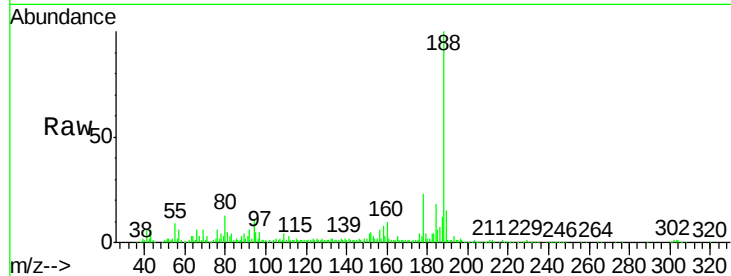
ClientSampleId :

CB-3-LINE-NW@3MSD

Tgt Ion:	188	Resp:	382484
Ion Ratio	Lower	Upper	
188	100		
94	11.4	8.5	12.7
80	13.2	9.2	13.8

Manual Integrations
APPROVED

Sohil
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#64

4,6-Dinitro-2-methylphenol

Concen: 11.200 ng

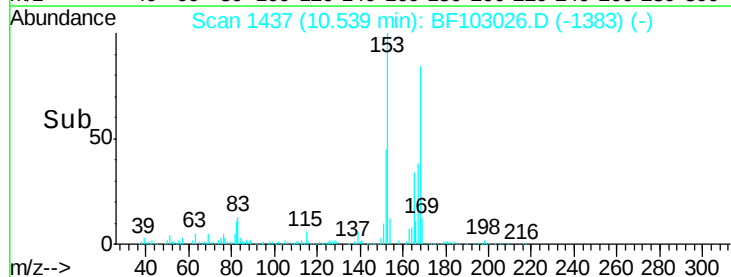
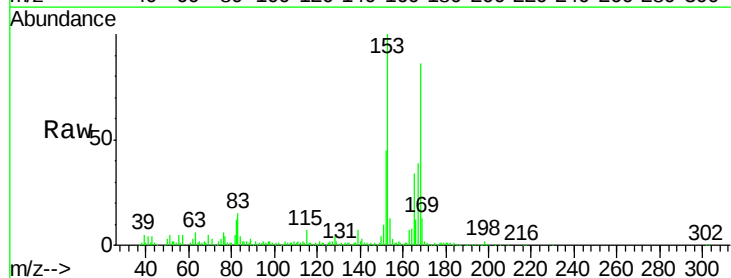
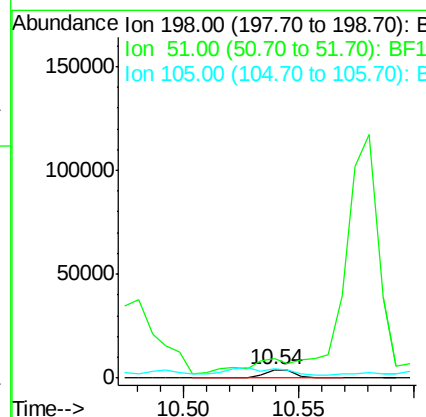
RT: 10.54 min Scan# 1437

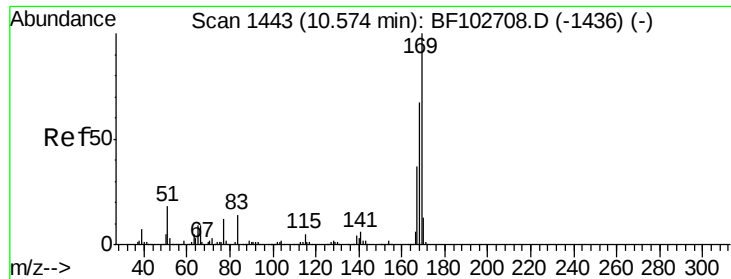
Delta R.T. 0.02 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Tgt Ion:	198	Resp:	4168
Ion Ratio	Lower	Upper	
198	100		
51	244.0	37.7	77.7#
105	107.2	36.3	76.3#





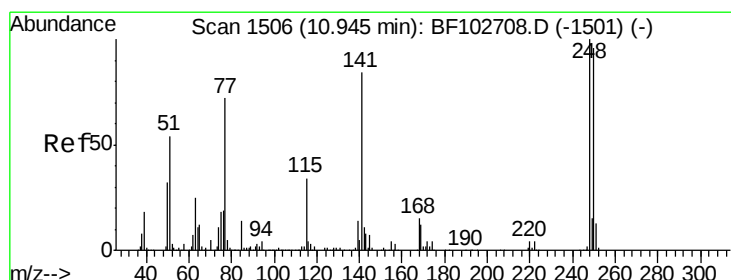
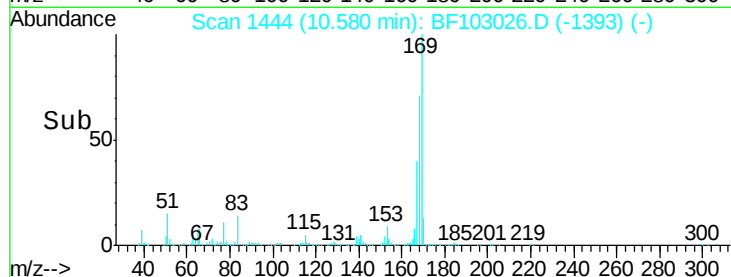
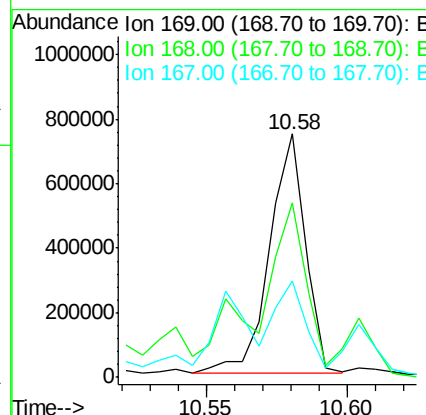
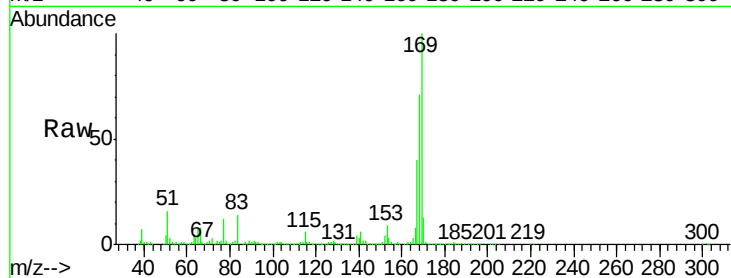
#65
n-Nitrosodiphenylamine
Concen: 48.605 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	655744		
168	71.5	54.4	81.6	
167	39.5	29.8	44.6	

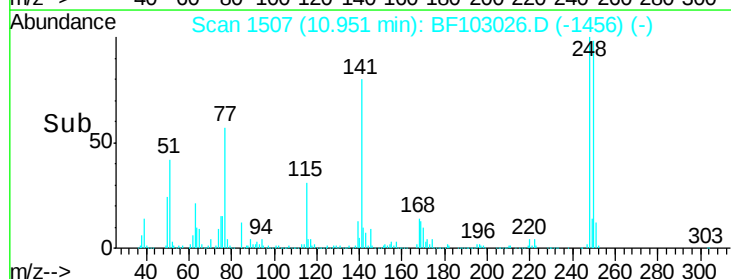
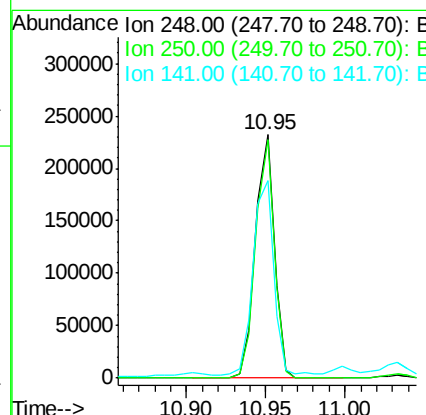
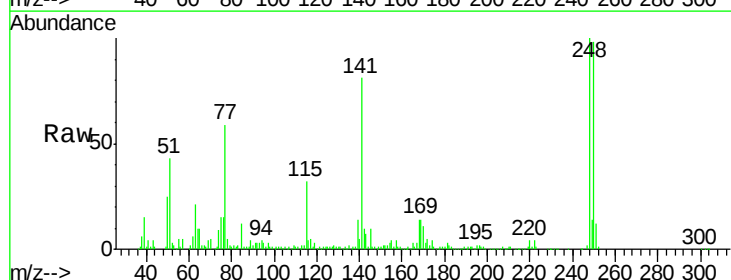
Manual Integrations
APPROVED

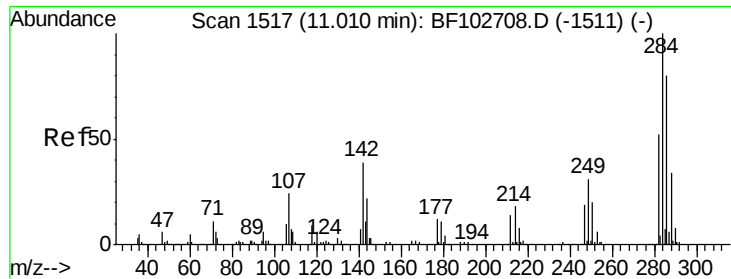
Sohil
2/16/2018 2:31:21 PM



#66
4-Bromophenyl-phenylether
Concen: 48.027 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	194317		
250	97.9	76.9	115.3	
141	80.9	74.4	111.6	





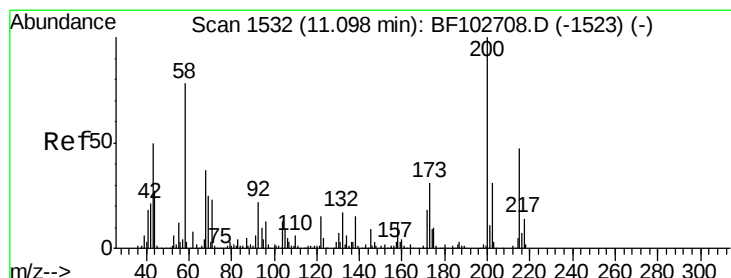
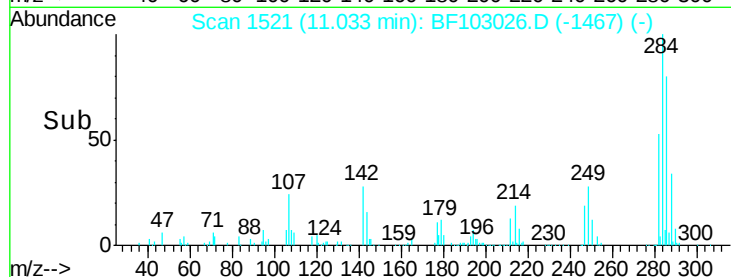
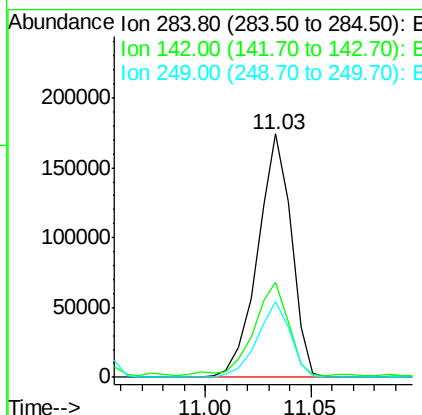
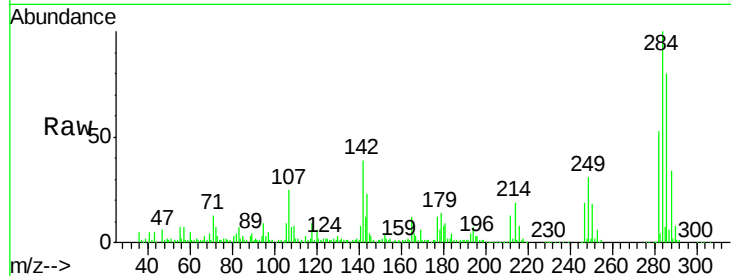
#67
Hexachlorobenzene
Concen: 43.193 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.02 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	192790		
142	39.1	34.6	52.0	
249	31.0	24.8	37.2	

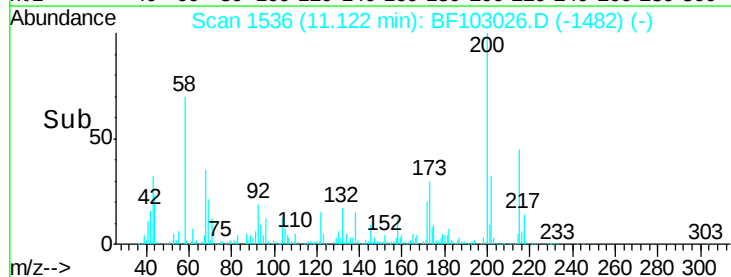
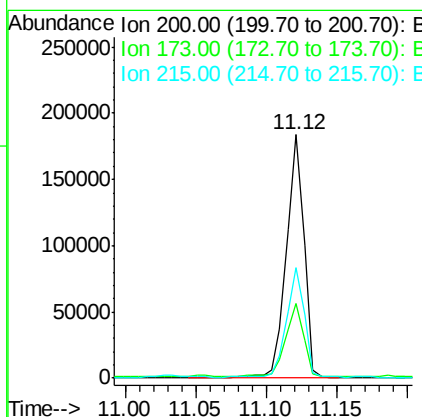
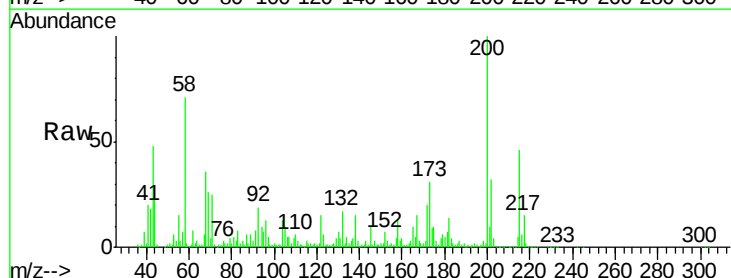
Manual Integrations
APPROVED

Sohil
2/16/2018 2:31:21 PM



#68
Atrazine
Concen: 40.501 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.02 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	161197		
173	30.8	8.6	48.6	
215	45.6	25.1	65.1	





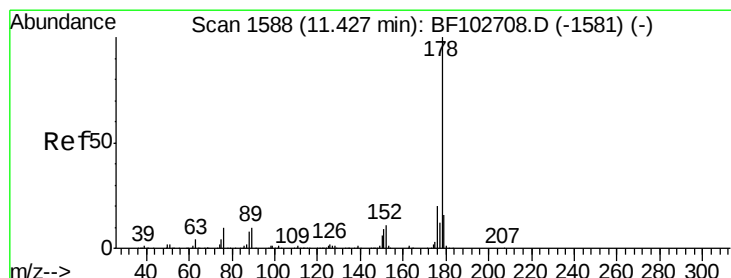
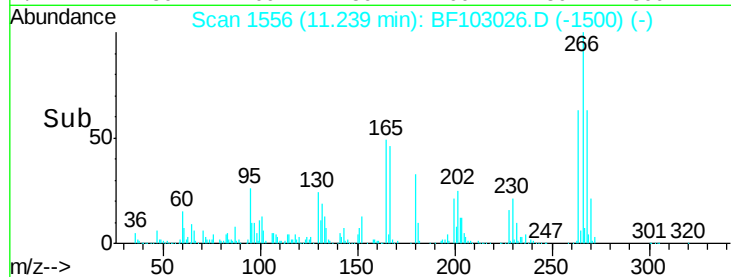
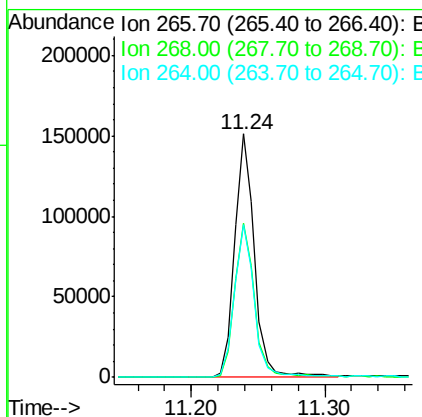
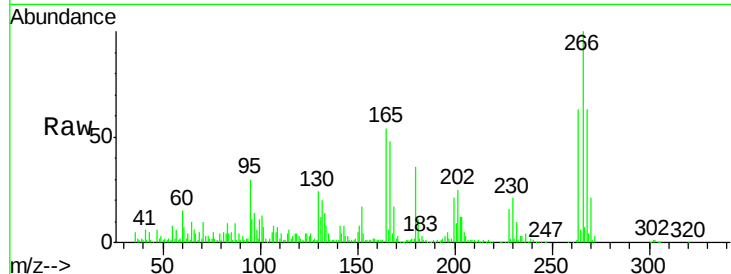
#69
 Pentachlorophenol
 Concen: 60.185 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.03 min
 Lab File: BF103026.D
 Acq: 15 Feb 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.1	76.7
264	62.7	49.5	74.3

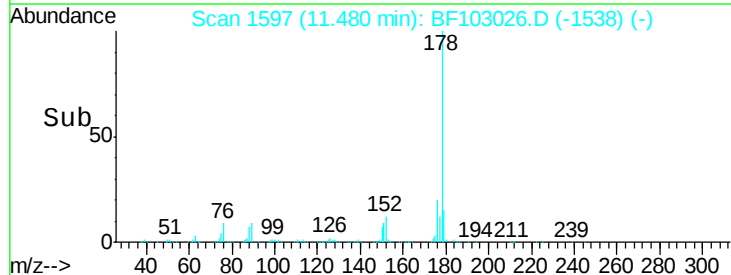
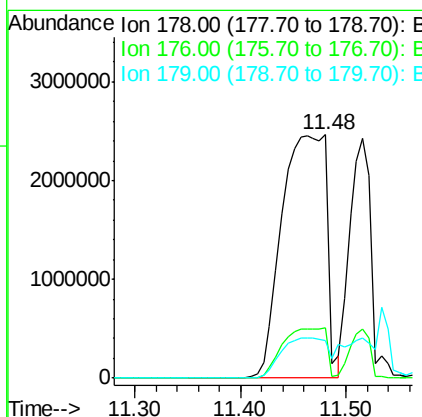
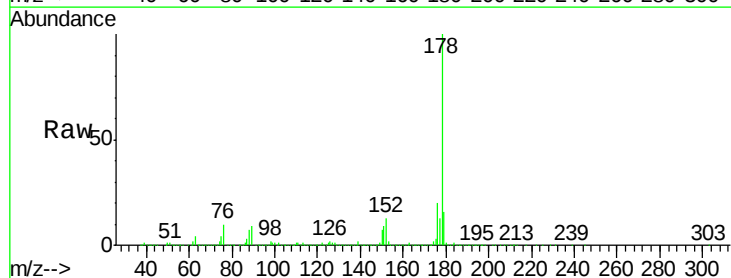
Manual Integrations
 APPROVED

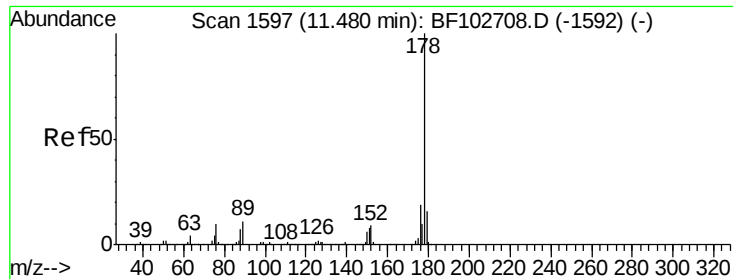
Sohil
 2/16/2018 2:31:21 PM



#70
 Phenanthrene
 Concen: 339.246 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.05 min
 Lab File: BF103026.D
 Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	15.6	13.0	19.6





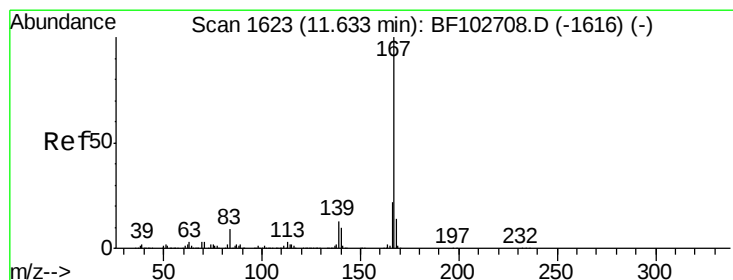
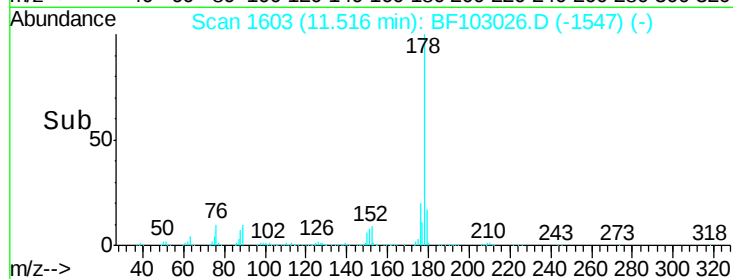
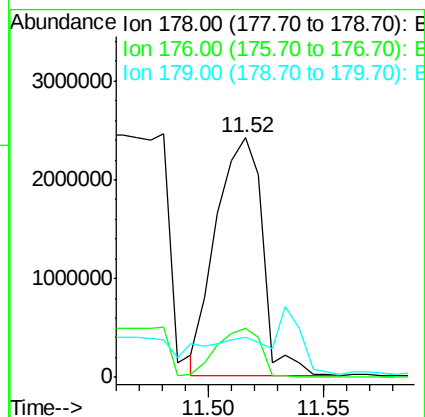
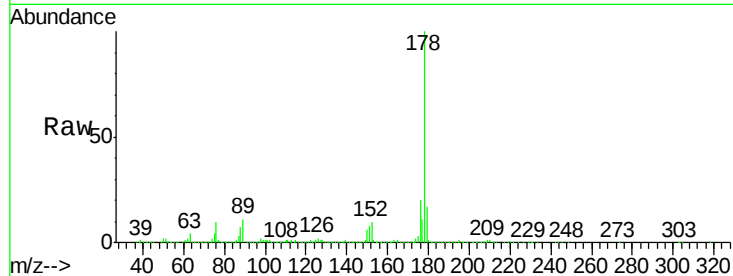
#71
 Anthracene
 Concen: 155.624 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.03 min
 Lab File: BF103026.D
 Acq: 15 Feb 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CB-3-LINE-NW@3MSD

Tgt Ion:178 Resp: 3371744
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.4 23.2
 179 16.7 12.6 19.0

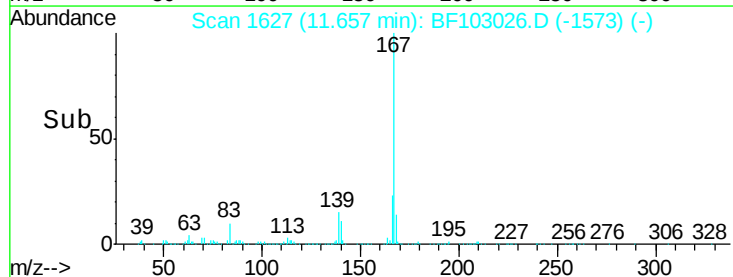
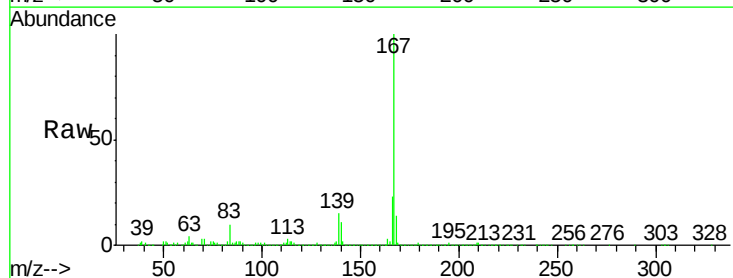
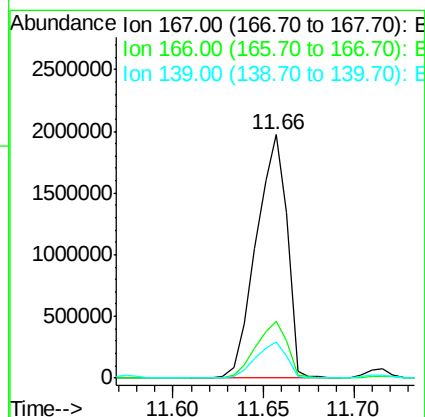
Manual Integrations
 APPROVED

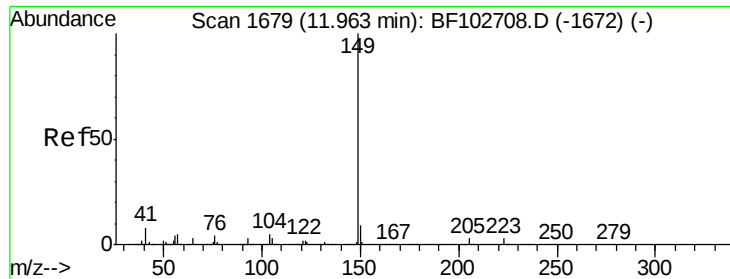
Sohil
 2/16/2018 2:31:21 PM



#72
 Carbazole
 Concen: 109.246 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF103026.D
 Acq: 15 Feb 2018 19:10

Tgt Ion:167 Resp: 2318845
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.6 26.4
 139 14.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 45.237 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.01 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Instrument :

BNA_F

ClientSampleId :

CB-3-LINE-NW@3MSD

Tgt Ion:149 Resp: 1166379

Ion Ratio Lower Upper

149 100

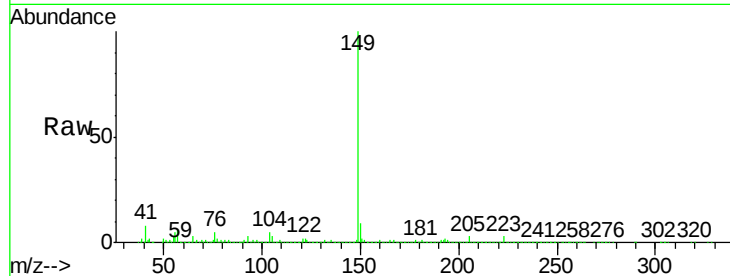
150 9.5 7.8 11.6

104 4.7 3.8 5.8

Manual Integrations
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Sohil

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.97

1500000

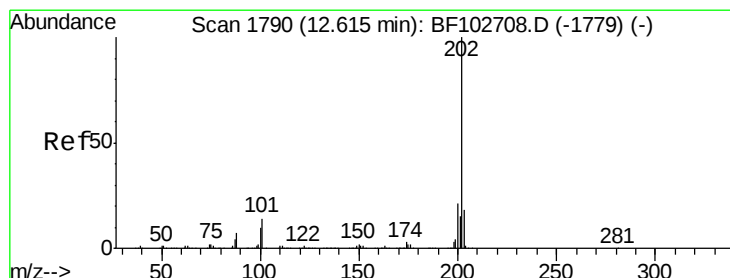
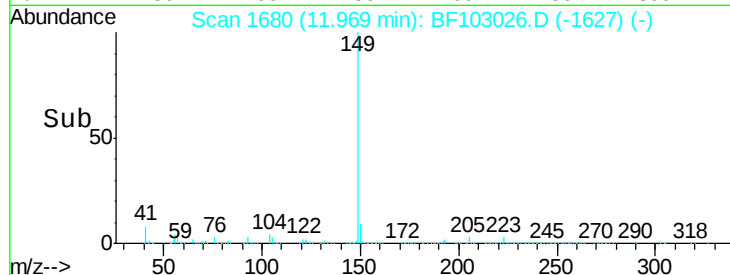
1000000

500000

0

11.95 12.00

Time-->



#74

Fluoranthene

Concen: 328.476 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.04 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

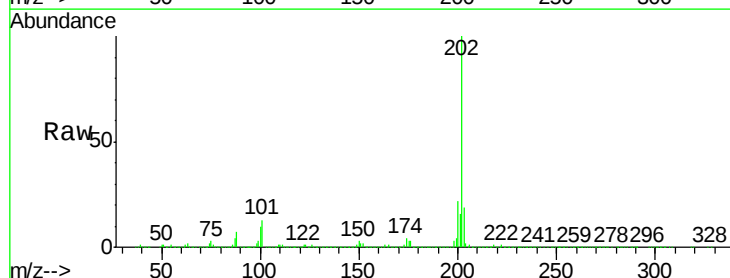
Tgt Ion:202 Resp: 7039963

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

203 18.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.66

3000000

2500000

2000000

1500000

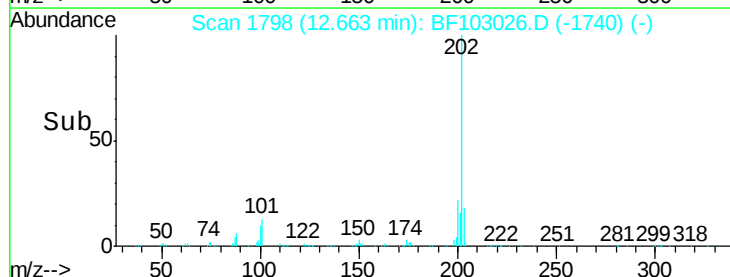
1000000

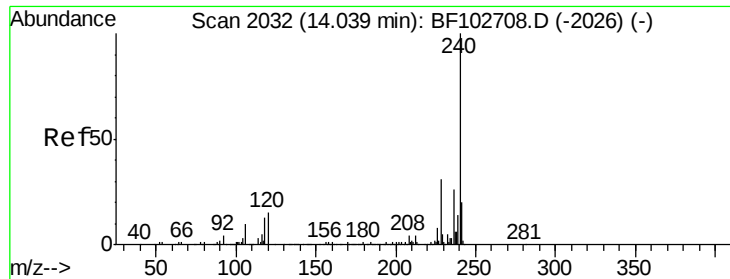
500000

0

12.60 12.65 12.70

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.05 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Instrument :

BNA_F

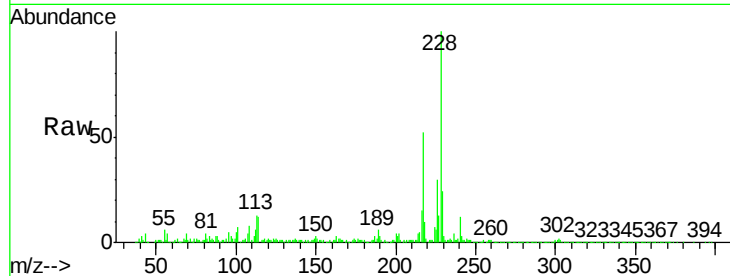
ClientSampleId :

CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	151600		
120	16.9	9.5	14.3#	
236	30.5	20.7	31.1	

Manual Integrations
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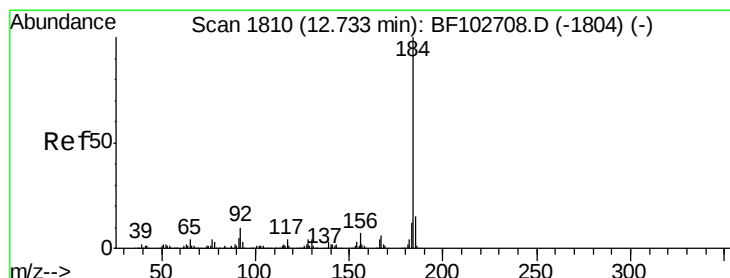
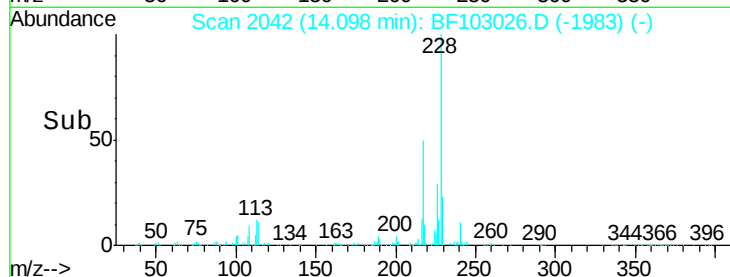
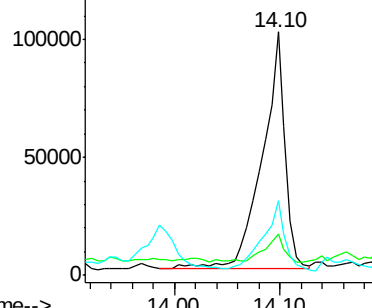
Sohil
2/16/2018 2:31:21 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 10.670 ng

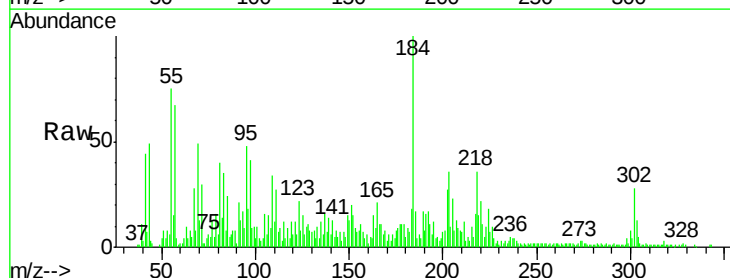
RT: 12.77 min Scan# 1817

Delta R.T. 0.03 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

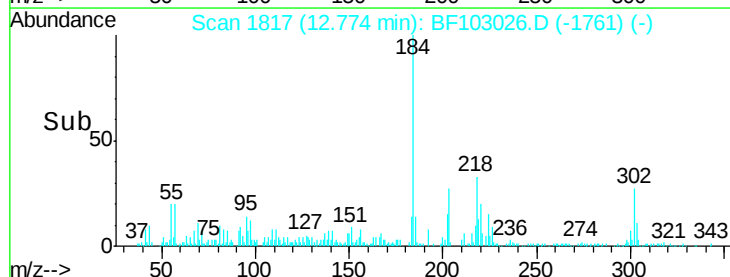
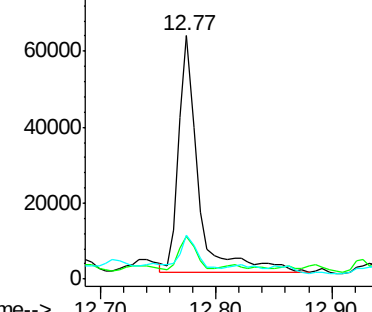
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	74345		
185	17.4	12.6	18.8	
183	18.1	9.3	13.9#	

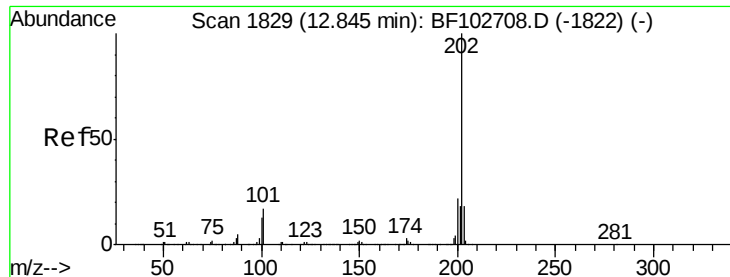


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





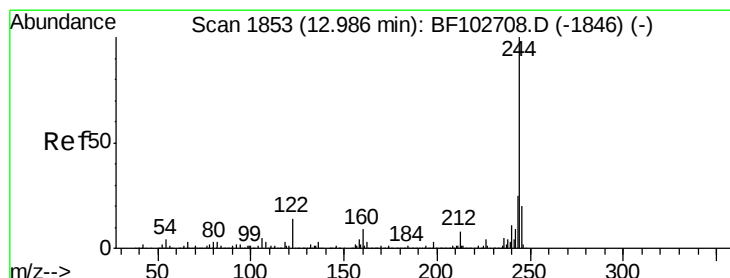
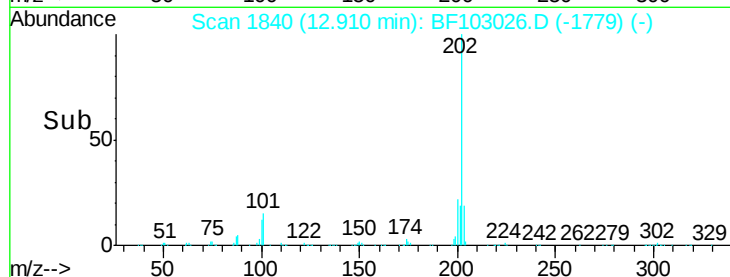
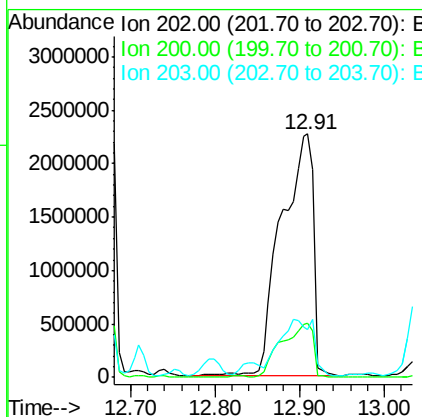
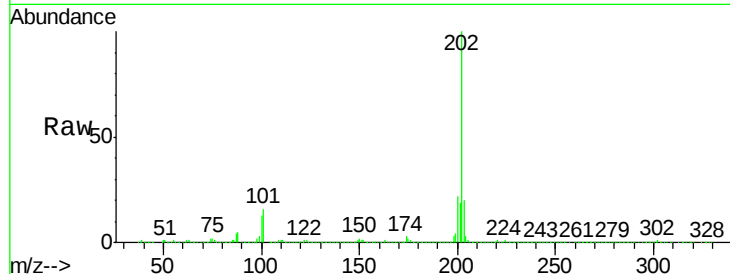
#77
 Pyrene
 Concen: 502.909 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.06 min
 Lab File: BF103026.D
 Acq: 15 Feb 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	19.8	14.3	21.5

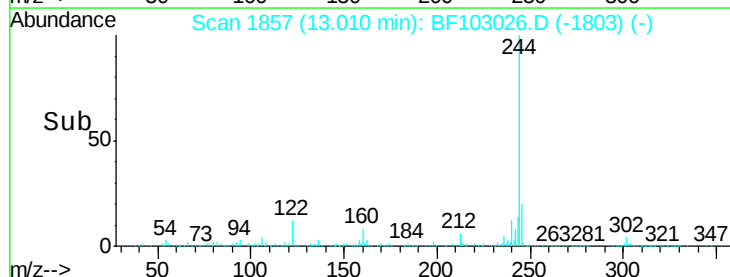
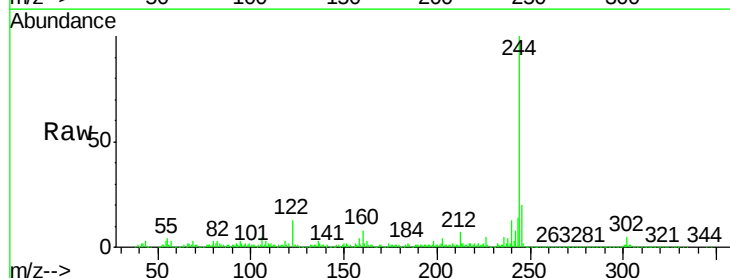
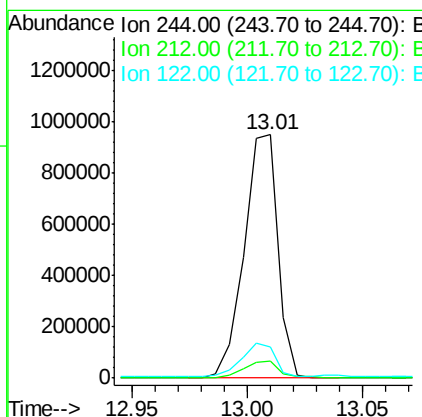
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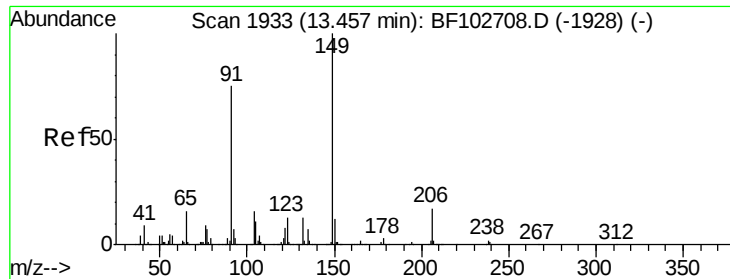
Sohil
 2/16/2018 2:31:21 PM



#78
 Terphenyl-d14
 Concen: 151.557 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.02 min
 Lab File: BF103026.D
 Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.7	11.0	16.4





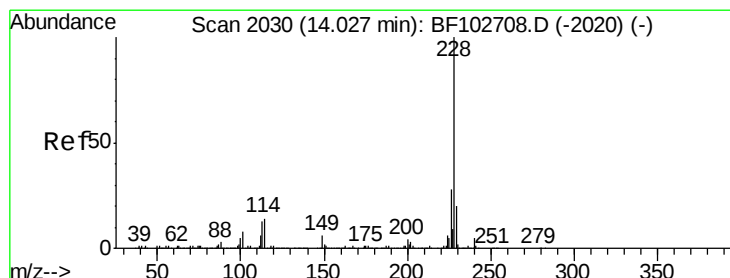
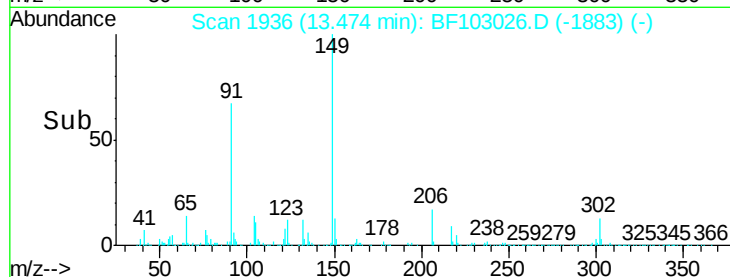
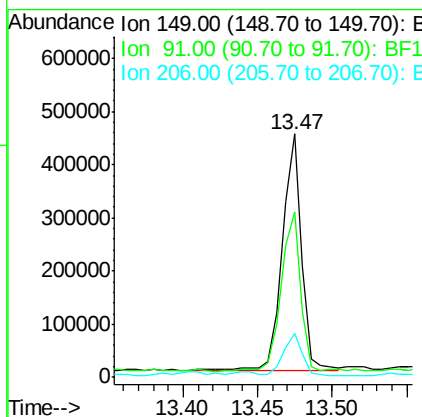
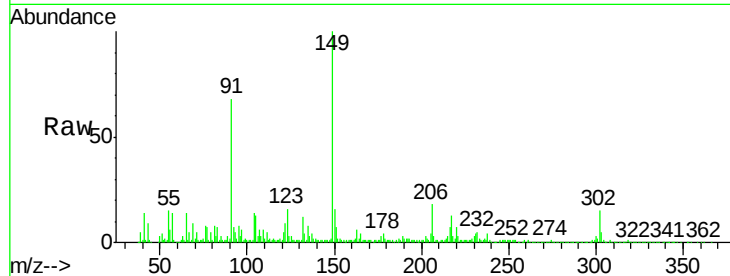
#79
Butylbenzylphthalate
Concen: 70.152 ng
RT: 13.47 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	401659		
91	68.0	56.8	85.2	
206	17.9	14.1	21.1	

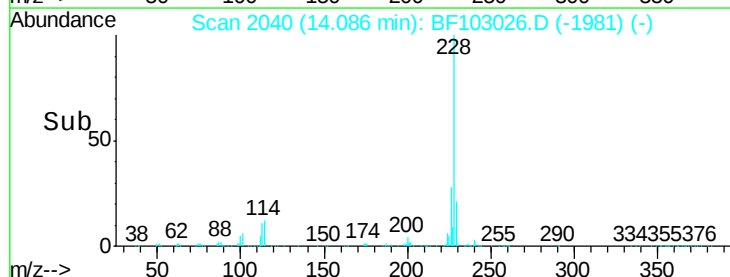
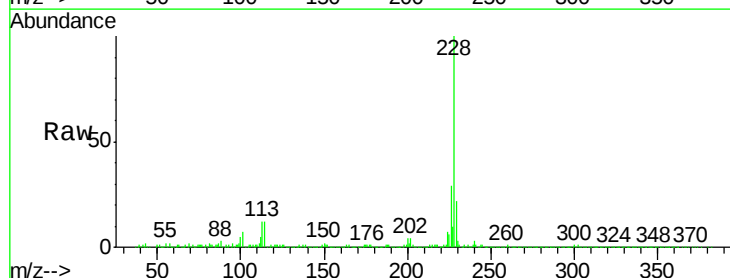
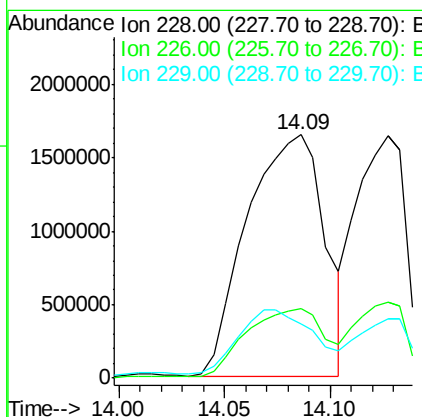
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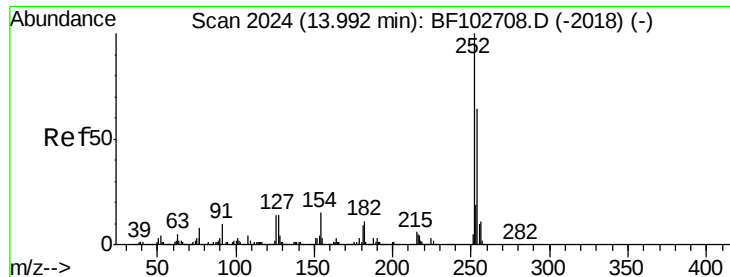
Sohil
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#80
Benzo(a)anthracene
Concen: 438.488 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.05 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	4180637		
226	28.8	22.6	33.8	
229	22.2	15.8	23.6	





#81

3,3'-Dichlorobenzidine

Concen: 35.471 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.04 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Instrument :

BNA_F

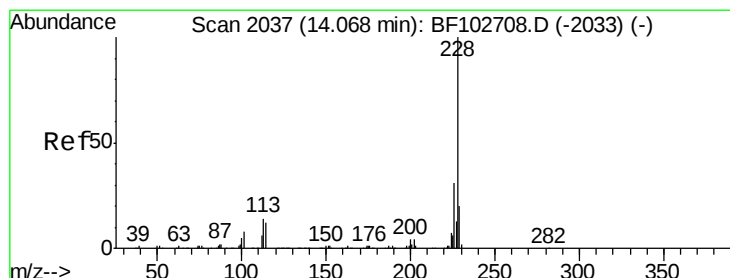
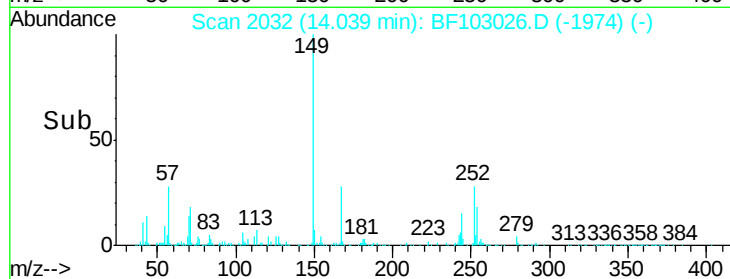
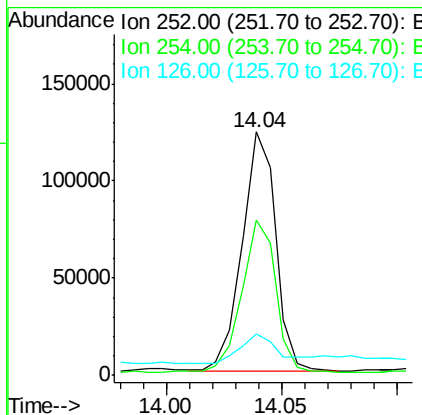
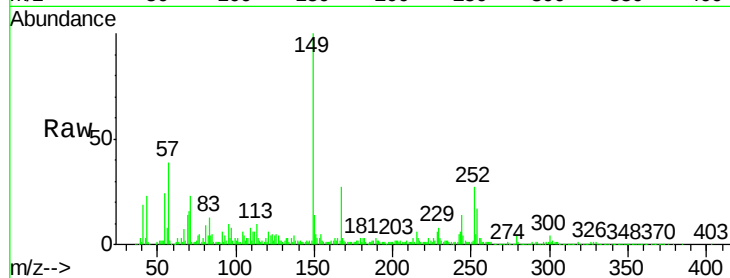
ClientSampleId :

CB-3-LINE-NW@3MSD

Tgt Ion:	252	Resp:	125392
Ion Ratio	Lower	Upper	
252	100		
254	63.9	50.4	75.6
126	17.1	11.3	16.9#

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#82

Chrysene

Concen: 280.445 ng

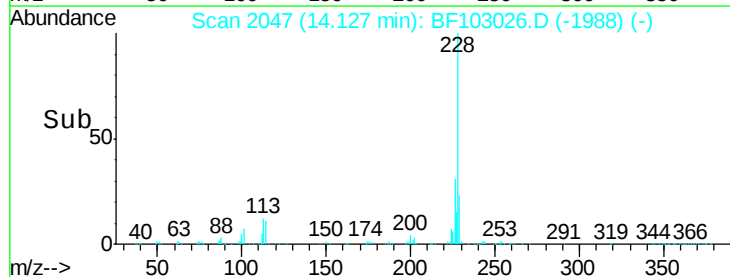
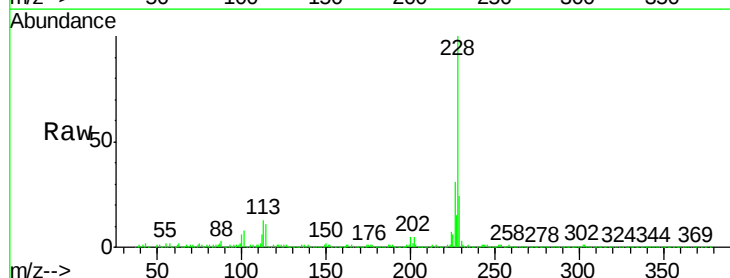
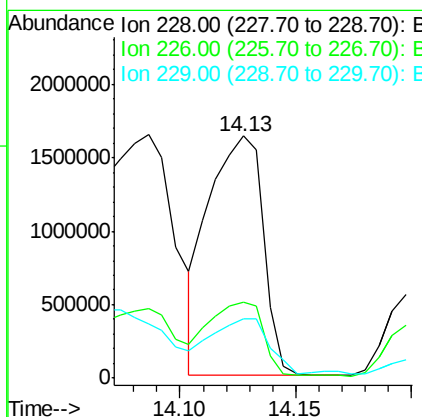
RT: 14.13 min Scan# 2047

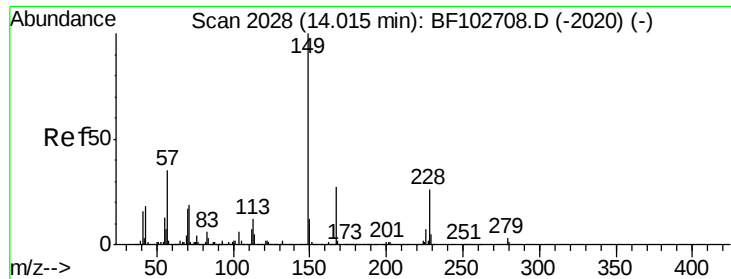
Delta R.T. 0.05 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Tgt Ion:	228	Resp:	2695353
Ion Ratio	Lower	Upper	
228	100		
226	31.5	25.0	37.6
229	24.2	16.2	24.4





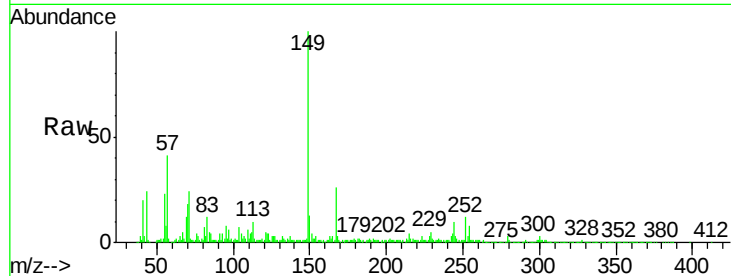
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 71.022 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.02 min
 Lab File: BF103026.D
 Acq: 15 Feb 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CB-3-LINE-NW@3MSD

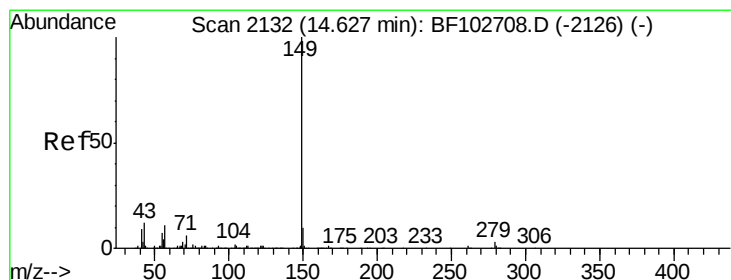
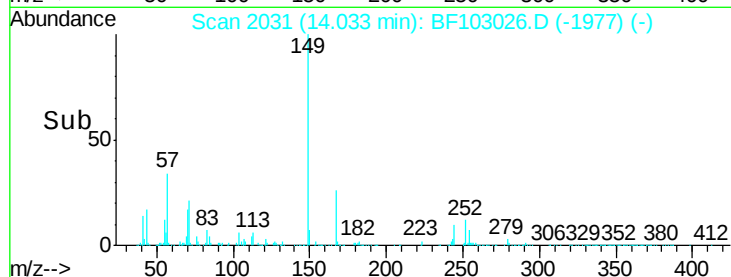
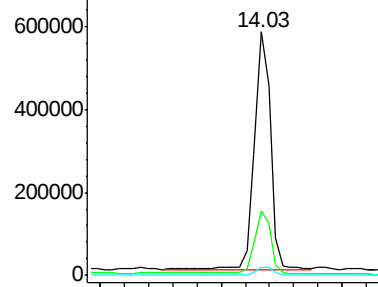
Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.1	3.0	4.4

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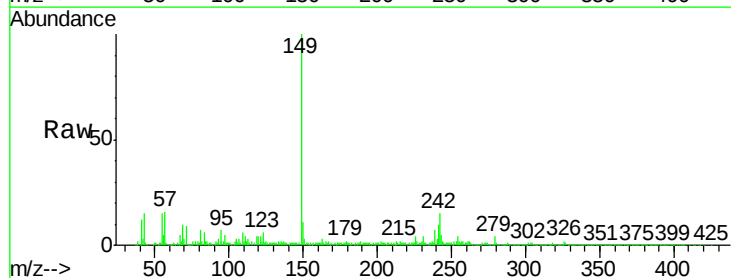


Abundance Ion 149.00 (148.70 to 149.70): E
 800000
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

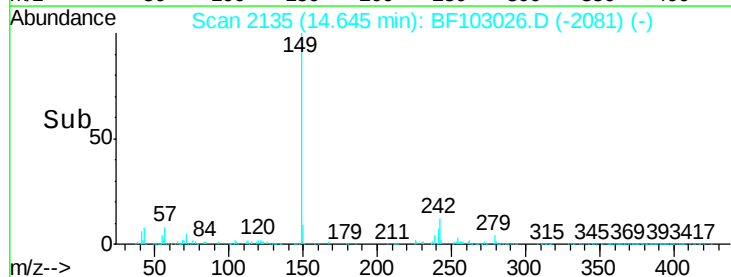
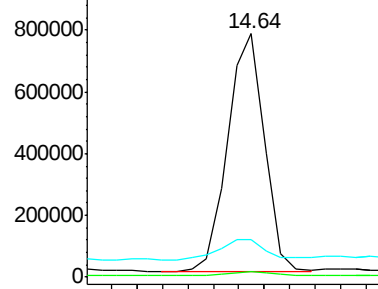


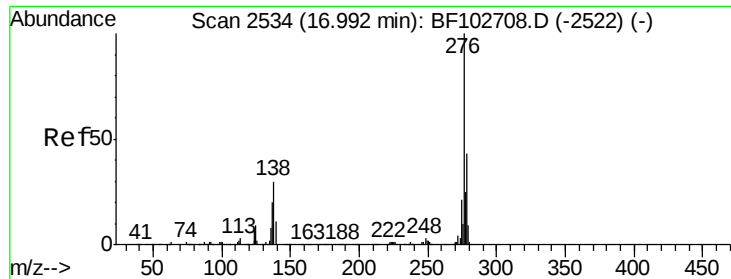
#84
 Di-n-octyl phthalate
 Concen: 71.312 ng
 RT: 14.64 min Scan# 2135
 Delta R.T. 0.02 min
 Lab File: BF103026.D
 Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	2.0	1.2	1.8#
43	10.5	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 1000000
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1





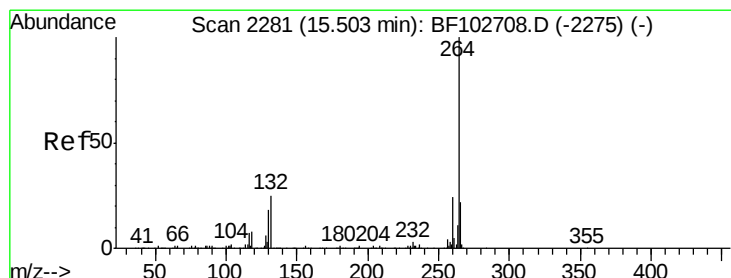
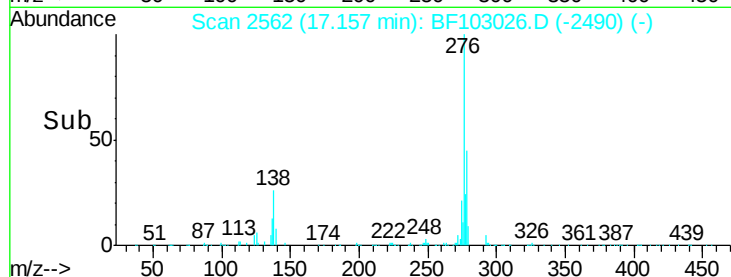
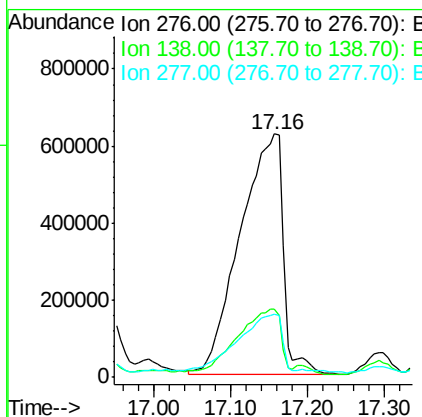
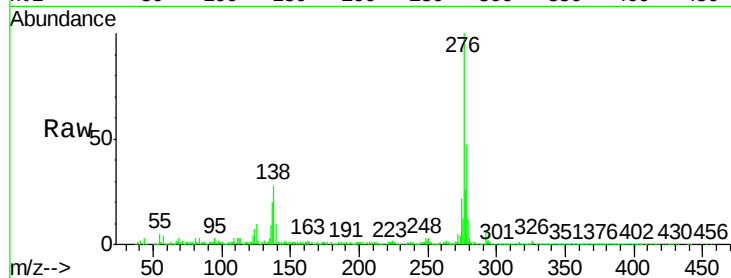
#85
Indeno(1,2,3-cd)pyrene
Concen: 306.488 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.12 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	25.0	37.6
277	23.6	20.1	30.1

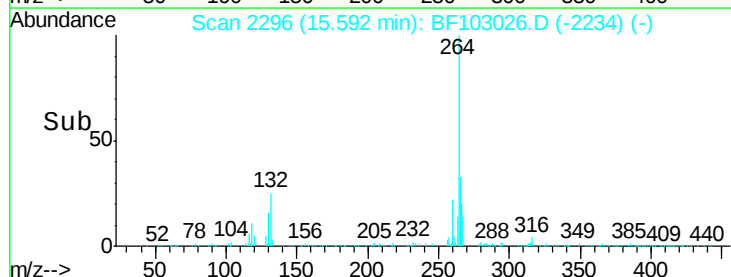
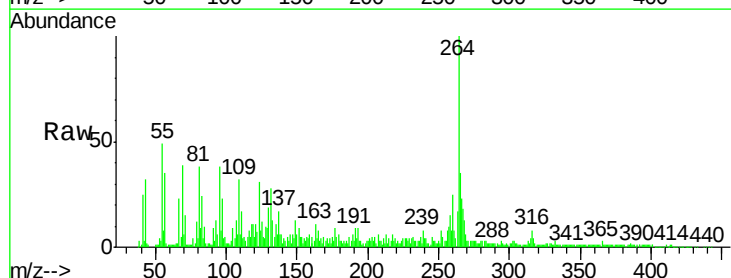
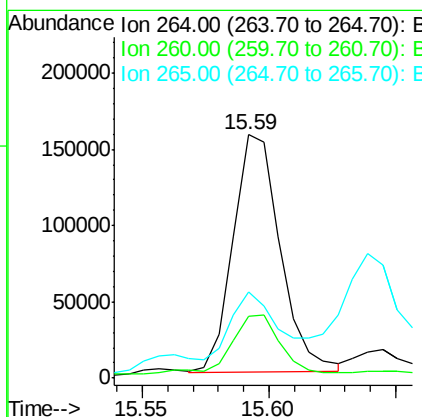
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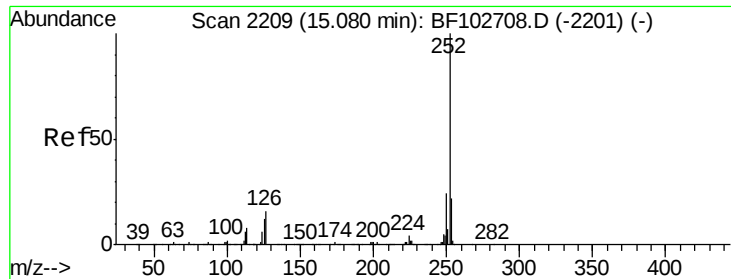
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.06 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	35.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 328.355 ng m

RT: 15.17 min Scan# 2224

Delta R.T. 0.07 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Instrument :

BNA_F

ClientSampleId :

CB-3-LINE-NW@3MSD

Tgt Ion:252 Resp: 4277217

Ion Ratio Lower Upper

252 100

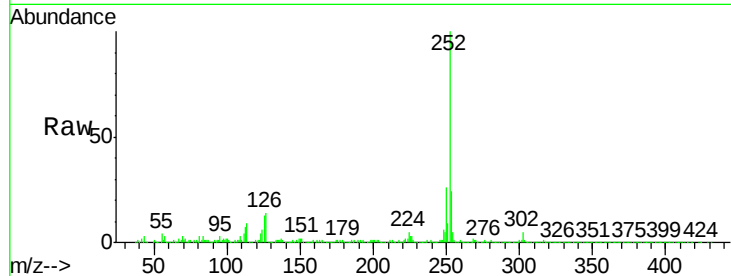
253 23.7 17.0 25.6

125 12.7 9.0 13.6

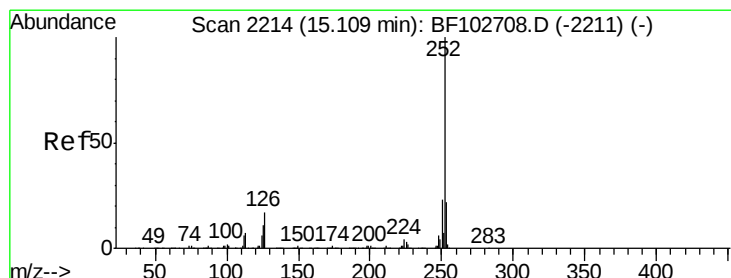
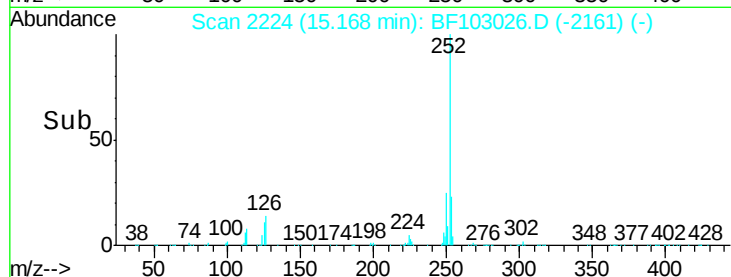
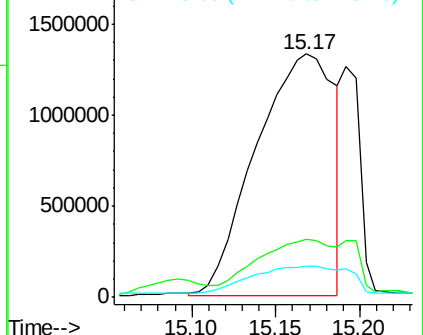
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 77.491 ng m

RT: 15.19 min Scan# 2228

Delta R.T. 0.06 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Tgt Ion:252 Resp: 964484

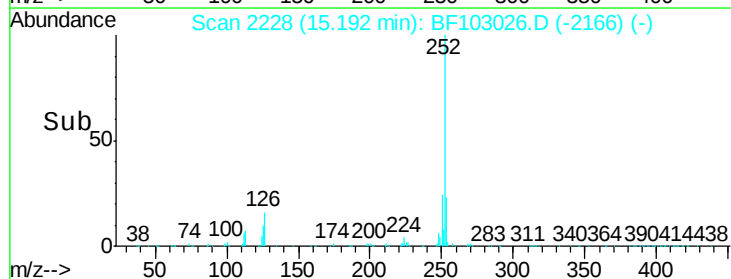
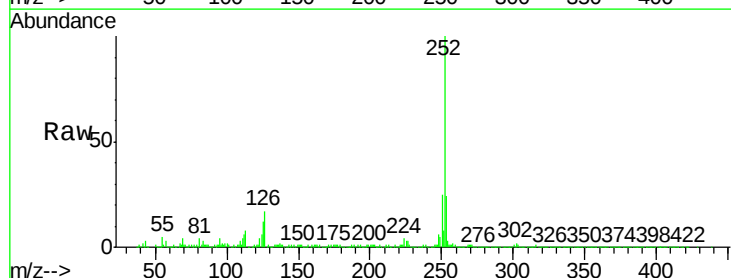
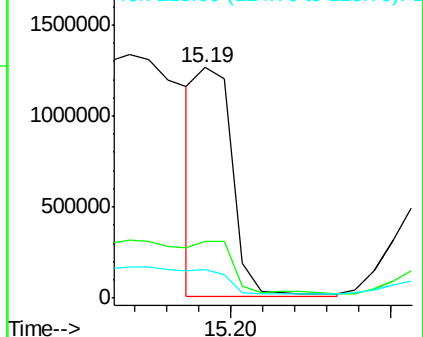
Ion Ratio Lower Upper

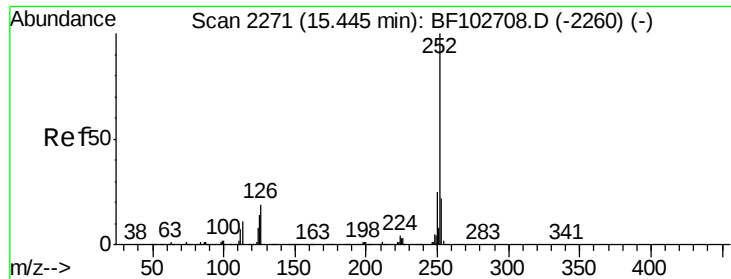
252 100

253 24.4 17.9 26.9

125 12.3 10.2 15.2

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





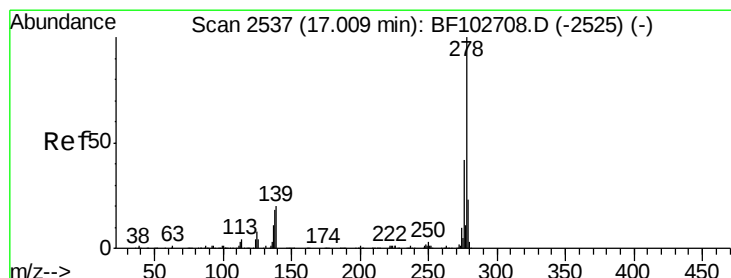
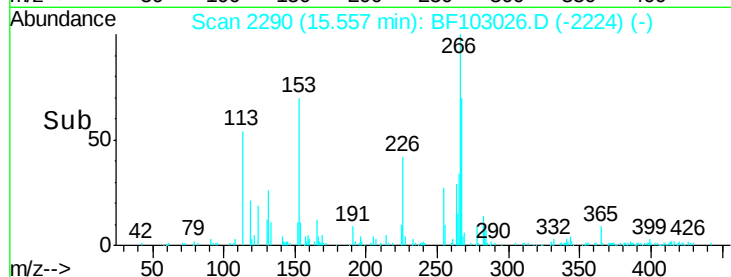
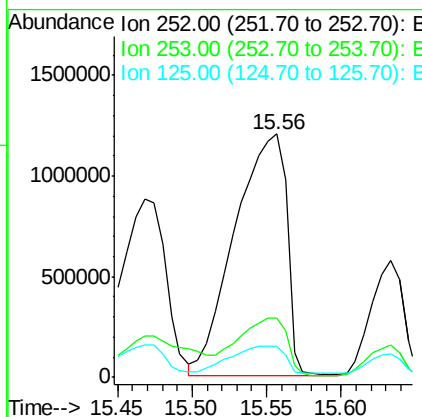
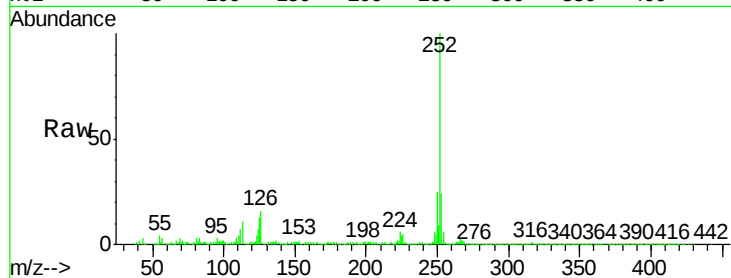
#89
Benzo(a)pyrene
Concen: 246.005 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.09 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	12.9	9.8	14.6

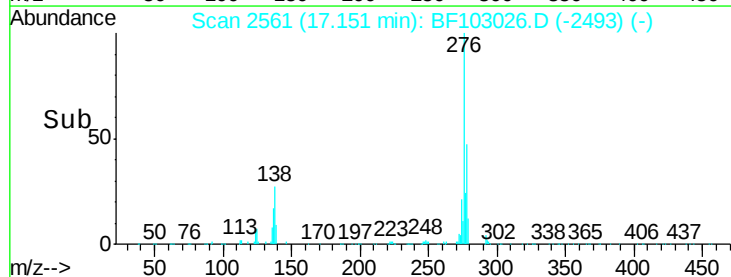
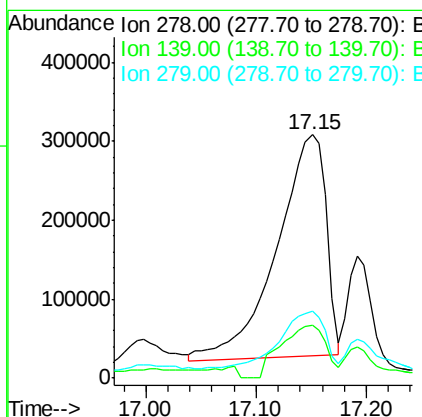
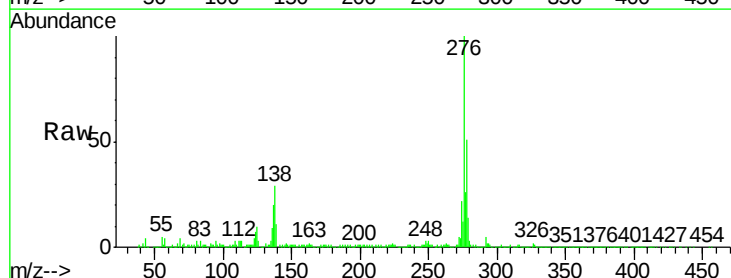
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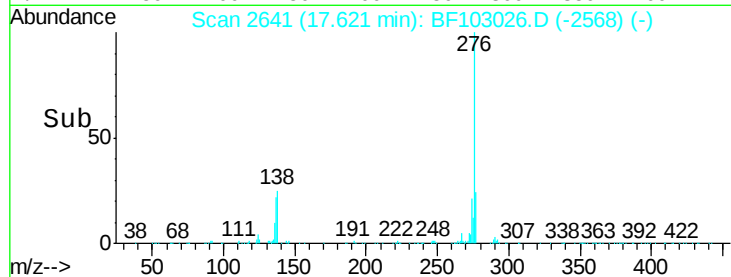
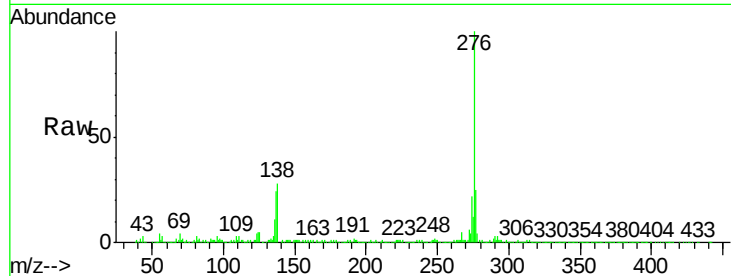
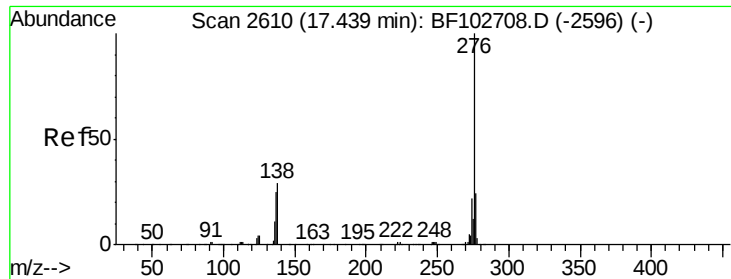
Sohil
2/16/2018 2:31:21 PM



#90
Dibenzo(a,h)anthracene
Concen: 89.962 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.10 min
Lab File: BF103026.D
Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.9	23.9
279	27.6	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 241.564 ng

RT: 17.62 min Scan# 2641

Delta R.T. 0.13 min

Lab File: BF103026.D

Acq: 15 Feb 2018 19:10

Tgt Ion:	276	Resp:	2250193
Ion Ratio	Lower	Upper	
276	100		
277	25.1	17.9	26.9
138	27.9	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

CB-3-LINE-NW@3MSD

Manual Integrations
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