

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102273.D
 Acq On : 20 Jan 2018 18:35
 Operator : SJ/JU
 Sample : J1228-26MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5MSD

Manual Integrations
 APPROVED

Sohil
 1/22/2018 5:25:57 PM

Quant Time: Jan 22 03:23:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146323	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	595162	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	251181	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	377349	20.00	ng	0.00
75) Chrysene-d12	13.88	240	261899	20.00	ng	0.00
86) Perylene-d12	15.30	264	232884	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	983544	94.92	ng	0.01
7) Phenol-d6	6.37	99	1200919	97.14	ng	0.00
23) Nitrobenzene-d5	7.29	82	746375	73.69	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	215127	98.14	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1241533	77.22	ng	0.00
78) Terphenyl-d14	12.83	244	857885	68.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	144846	28.01	ng	93
3) Pyridine	3.16	79	381467	27.01	ng	96
4) n-Nitrosodimethylamine	3.12	42	200937	33.98	ng	98
6) Aniline	6.39	93	399930	22.95	ng	# 51
8) 2-Chlorophenol	6.51	128	380070	36.57	ng	97
9) Benzaldehyde	6.27	77	247429	28.82	ng	97
10) Phenol	6.38	94	499587	35.76	ng	76
11) bis(2-Chloroethyl)ether	6.46	93	356856	33.56	ng	98
12) 1,3-Dichlorobenzene	6.66	146	409557	34.19	ng	96
13) 1,4-Dichlorobenzene	6.74	146	414034	34.63	ng	98
14) 1,2-Dichlorobenzene	6.89	146	391612	35.39	ng	98
15) Benzyl Alcohol	6.87	79	308157	34.08	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	571994	29.18	ng	99
17) 2-Methylphenol	6.99	107	315879	33.69	ng	97
18) Hexachloroethane	7.23	117	123682	29.38	ng	92
19) n-Nitroso-di-n-propylamine	7.14	70	248016	30.61	ng	96
20) 3+4-Methylphenols	7.14	107	373946	33.22	ng	# 75
22) Acetophenone	7.13	105	507903	35.42	ng	# 91
24) Nitrobenzene	7.31	77	388566	35.70	ng	98
25) Isophorone	7.55	82	693643	34.66	ng	99
26) 2-Nitrophenol	7.62	139	193211	42.42	ng	99
27) 2,4-Dimethylphenol	7.66	122	334727	39.35	ng	100
28) bis(2-Chloroethoxy)methane	7.76	93	438640	36.30	ng	98
29) 2,4-Dichlorophenol	7.87	162	311319	38.54	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	304940	36.09	ng	98
31) Naphthalene	8.03	128	1061685	35.70	ng	99
32) Benzoic acid	7.77	122	83901	13.01	ng	98
33) 4-Chloroaniline	8.08	127	251449	19.81	ng	97
34) Hexachlorobutadiene	8.14	225	156488	34.99	ng	99
35) Caprolactam	8.45	113	105075m	37.89	ng	
36) 4-Chloro-3-methylphenol	8.57	107	329596	37.28	ng	99
37) 2-Methylnaphthalene	8.72	142	710486	36.29	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	275896	38.83	ng	98
40) Hexachlorocyclopentadiene	8.86	237	59799	15.39	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	191551	39.12	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	203943	36.85	nq	98
45) 1,1'-Biphenyl	9.18	154	811157	36.54	nq	99
46) 2-Chloronaphthalene	9.20	162	624744	36.29	nq	99
47) 2-Nitroaniline	9.31	65	209492	40.62	nq	95
48) Acenaphthylene	9.62	152	973425	35.63	nq	99
49) Dimethylphthalate	9.49	163	851926	42.28	nq	99
50) 2,6-Dinitrotoluene	9.55	165	154695	38.43	nq	96
51) Acenaphthene	9.79	154	543365	32.77	nq	100
52) 3-Nitroaniline	9.72	138	148282	29.19	nq	99
53) 2,4-Dinitrophenol	9.83	184	31118	26.70	nq	# 21
54) Dibenzofuran	9.96	168	805447	35.39	nq	98
55) 4-Nitrophenol	9.89	139	248631	65.68	nq	95
56) 2,4-Dinitrotoluene	9.95	165	190477	37.76	nq	# 96
57) Fluorene	10.30	166	604671	38.43	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	144677	36.72	nq	97
59) Diethylphthalate	10.18	149	687285	34.29	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	264845	39.53	nq	98
61) 4-Nitroaniline	10.33	138	166462	34.53	nq	90
62) Azobenzene	10.46	77	672593	33.73	nq	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	24927	16.39	nq	93
65) n-Nitrosodiphenylamine	10.42	169	553413	39.17	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	158712	39.83	nq	96
67) Hexachlorobenzene	10.85	284	161457	37.11	nq	94
68) Atrazine	10.95	200	155800	38.15	nq	98
69) Pentachlorophenol	11.05	266	146644	55.28	nq	99
70) Phenanthrene	11.27	178	786772	35.69	nq	98
71) Anthracene	11.32	178	800681	35.82	nq	100
72) Carbazole	11.47	167	730077	33.23	nq	100
73) Di-n-butylphthalate	11.80	149	969585	35.97	nq	99
74) Fluoranthene	12.45	202	731586	33.73	nq	98
76) Benzidine	12.58	184	463880	36.68	nq	97
77) Pyrene	12.68	202	755397	32.63	nq	99
79) Butylbenzylphthalate	13.30	149	344295	32.41	nq	99
80) Benzo(a)anthracene	13.87	228	620532	37.14	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	227989	36.85	nq	98
82) Chrysene	13.90	228	612498	35.15	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	444358	36.46	nq	98
84) Di-n-octyl phthalate	14.47	149	792390	39.18	nq	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	444577	35.06	nq	98
87) Benzo(b)fluoranthene	14.89	252	629607	41.46	nq	98
88) Benzo(k)fluoranthene	14.92	252	494076	33.73	nq	98
89) Benzo(a)pyrene	15.24	252	516824	37.82	nq	# 96
90) Dibenzo(a,h)anthracene	16.70	278	368233	33.77	nq	100
91) Benzo(g,h,i)perylene	17.10	276	362468	33.00	nq	96

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

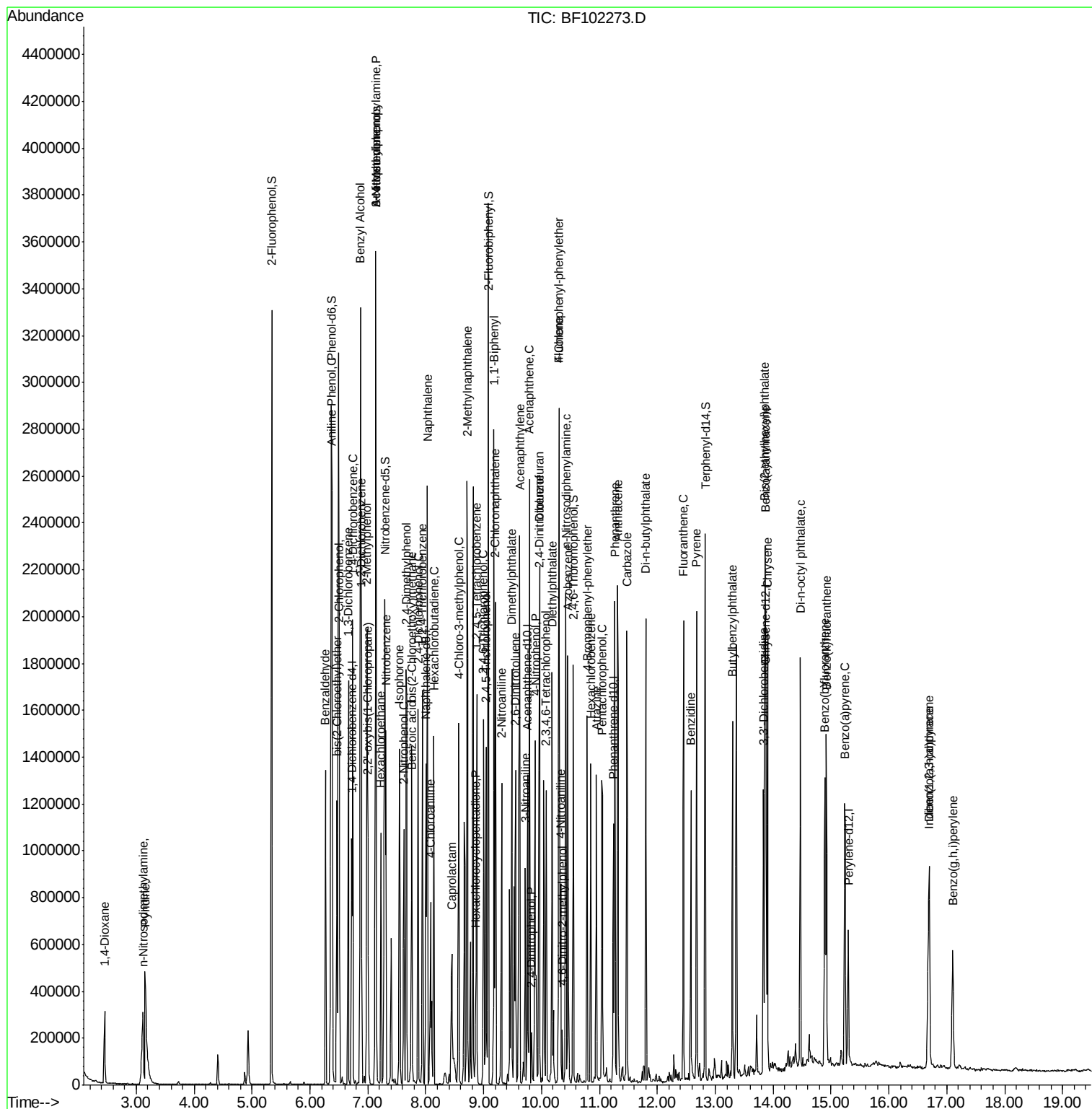
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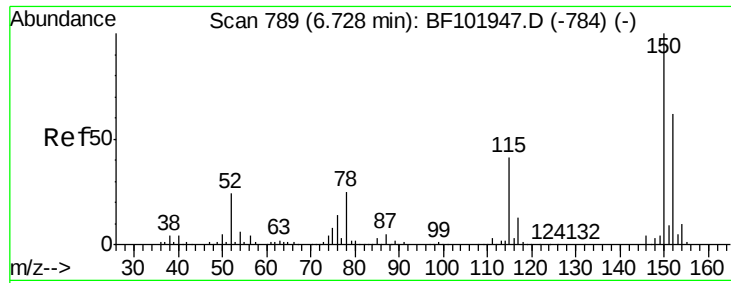
Instrument :
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#1

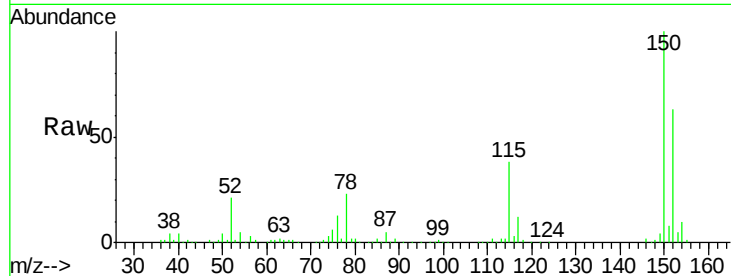
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	60.3	50.1	75.1

Manual Integrations
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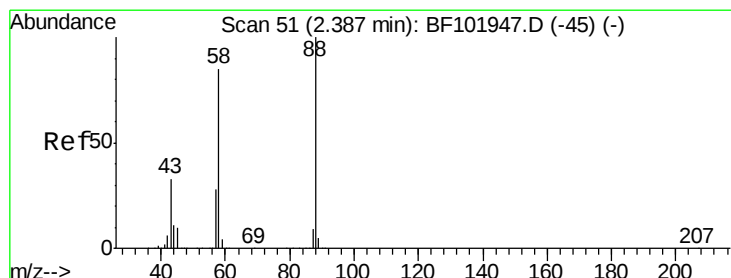
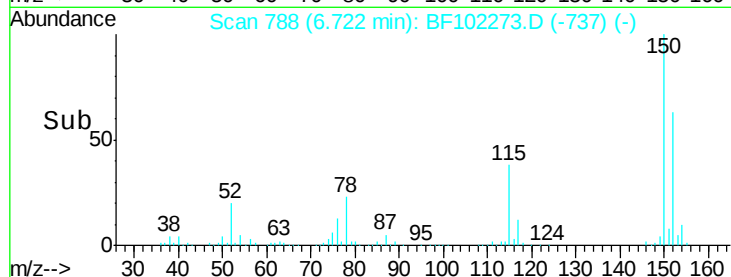
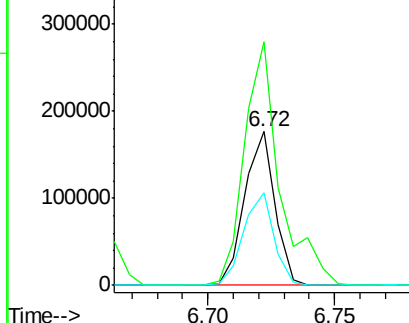


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

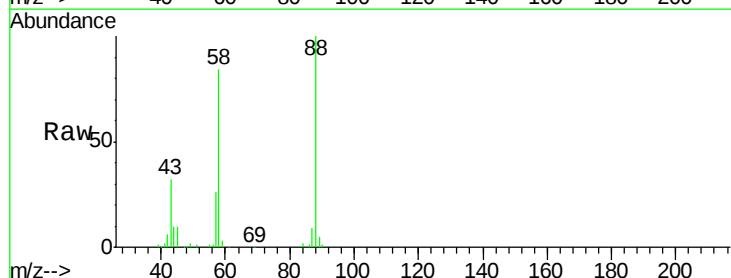
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.01 ng
RT: 2.45 min Scan# 62
Delta R.T. 0.06 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.7	62.6	93.8
43	31.6	24.6	37.0

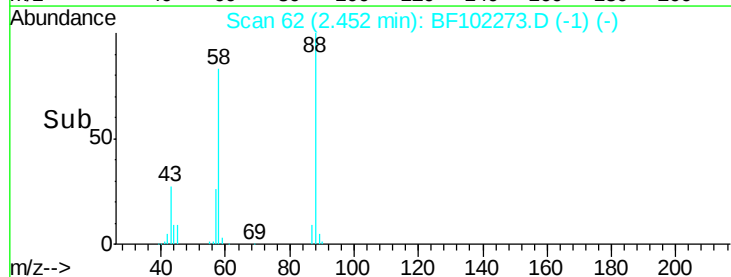
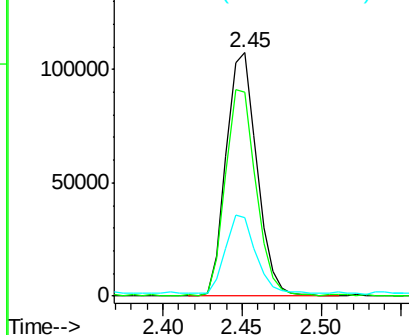


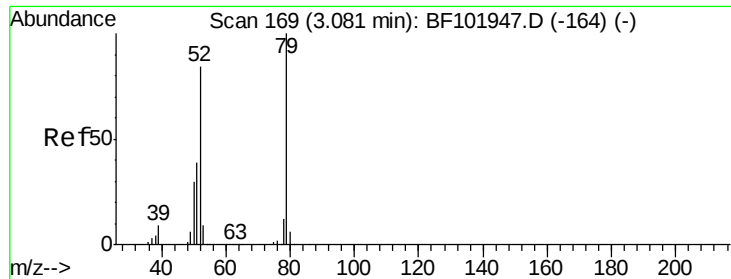
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 27.01 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.06 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

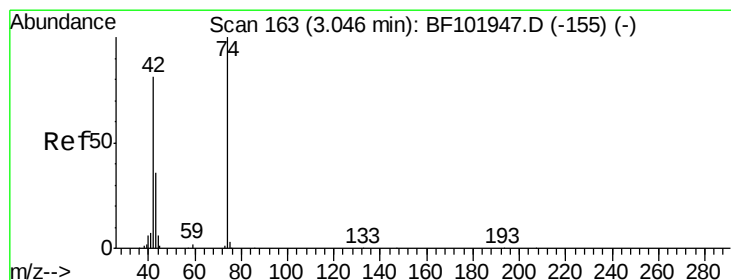
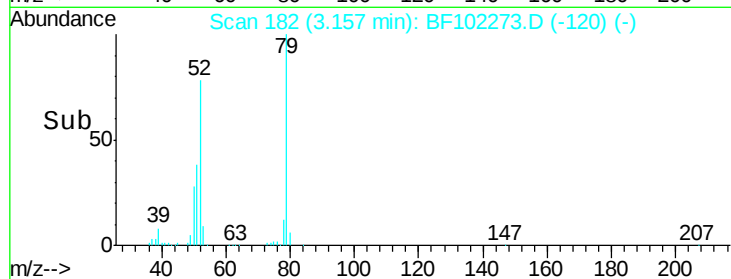
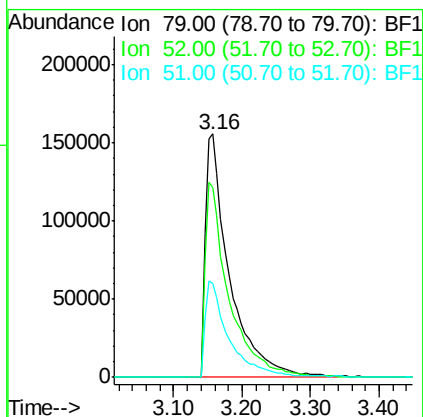
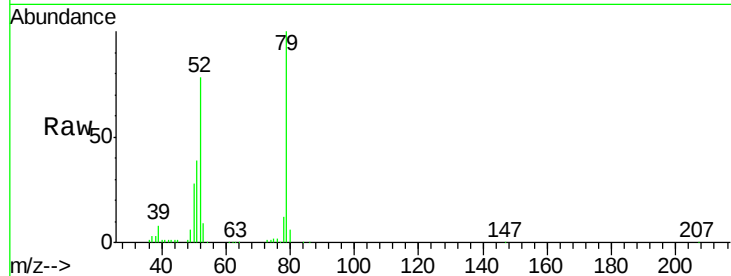
ClientSampleId :

COMP-5MSD

Tot Ion:	79	Resp:	381467
Ion Ratio	Lower	Upper	
79	100		
52	78.2	59.8	89.6
51	38.7	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 33.98 ng

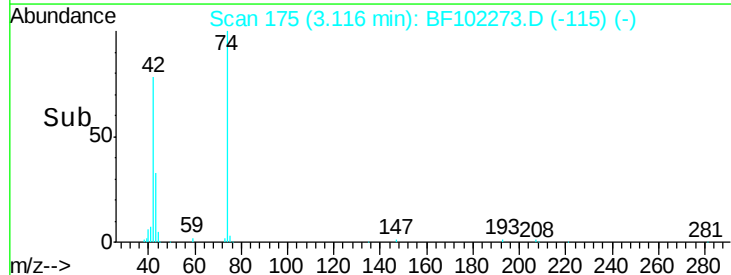
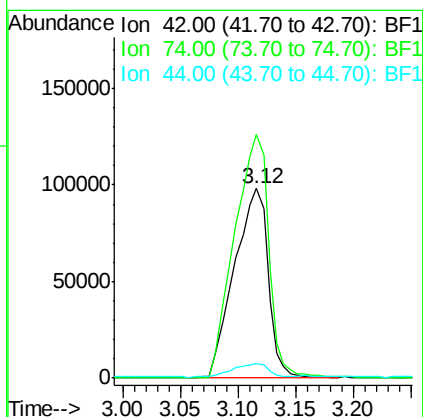
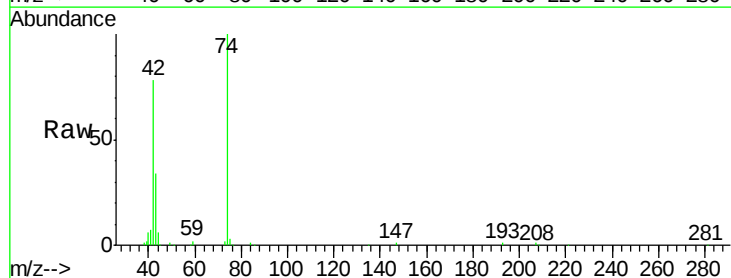
RT: 3.12 min Scan# 175

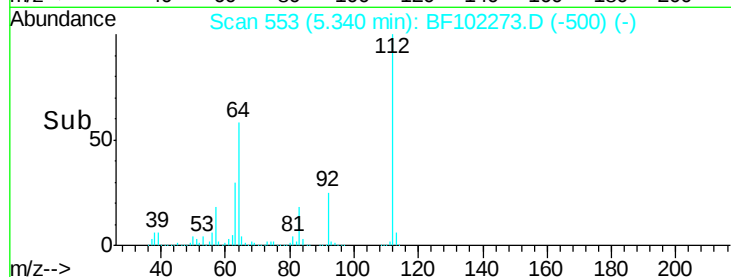
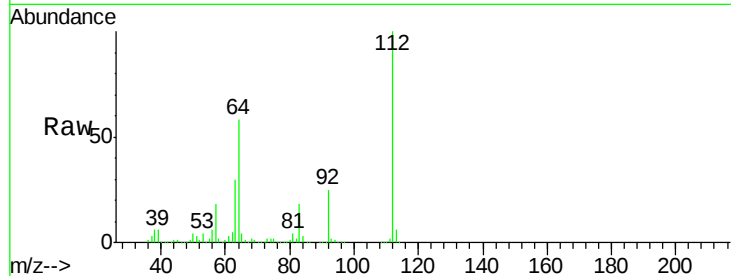
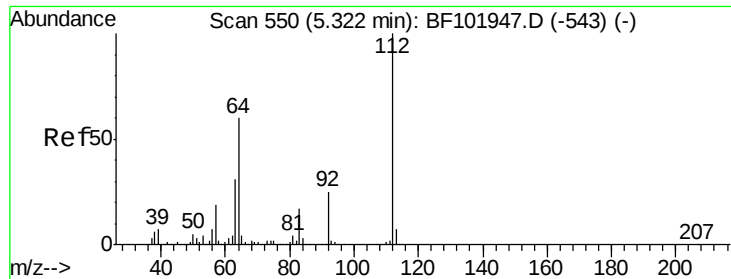
Delta R.T. 0.05 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Tgt Ion:	42	Resp:	200937
Ion Ratio	Lower	Upper	
42	100		
74	128.6	104.9	157.3
44	8.0	6.9	10.3





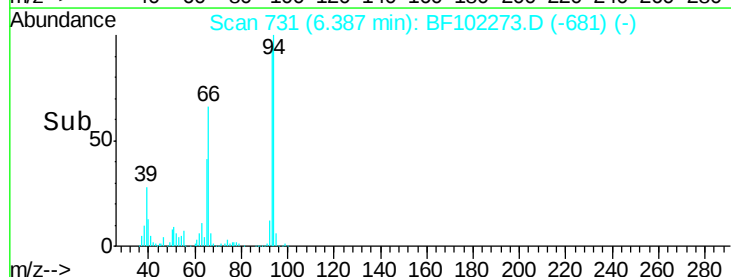
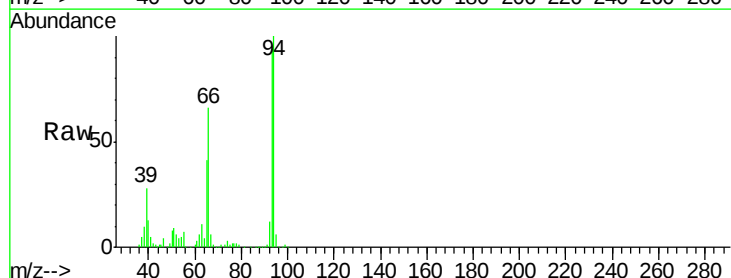
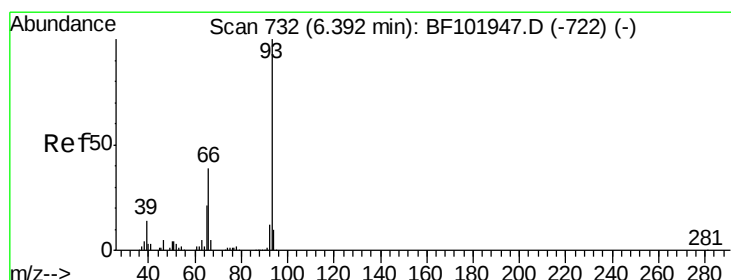
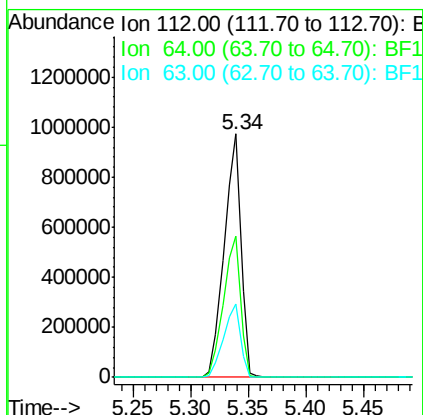
#5
2-Fluorophenol
Concen: 94.92 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	58.1	47.9	71.9
63	30.4	23.7	35.5

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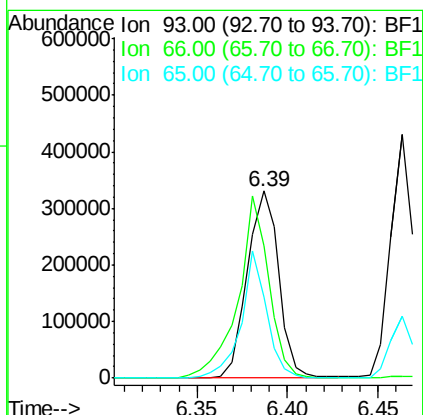
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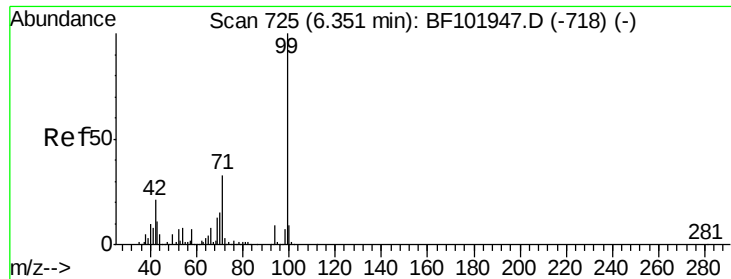
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#6
Aniline
Concen: 22.95 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	70.7	32.2	48.2#
65	43.4	16.4	24.6#





#7

Phenol-d6

Concen: 97.14 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

COMP-5MSD

Tot Ion: 99 Resp: 1200919

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

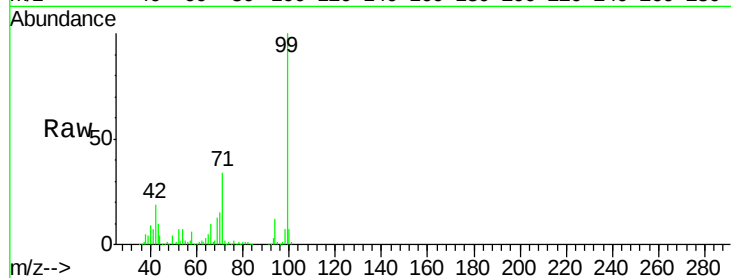
71 34.0 25.4 38.0

Manual Integrations

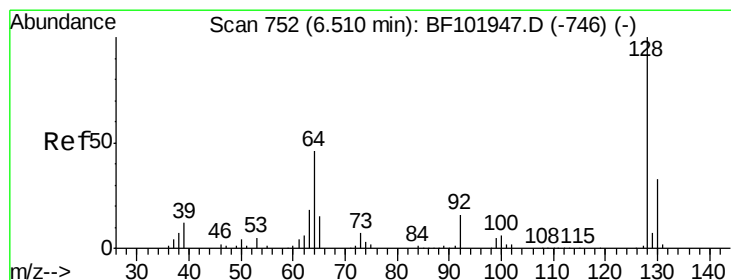
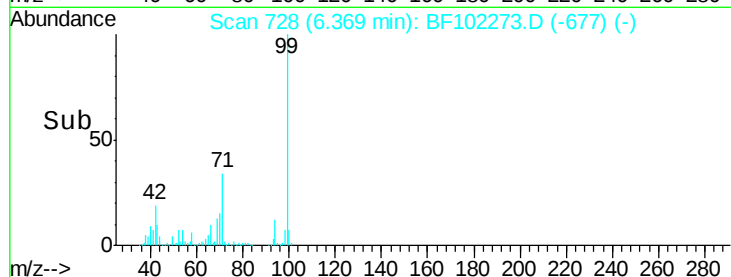
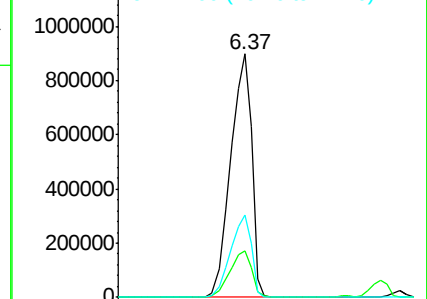
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.57 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

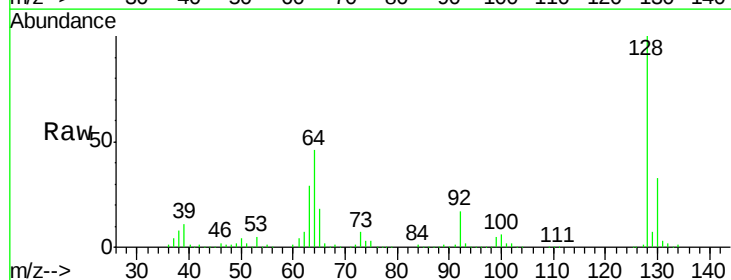
Tgt Ion: 128 Resp: 380070

Ion Ratio Lower Upper

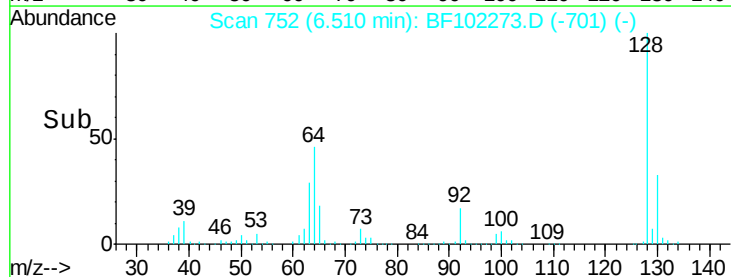
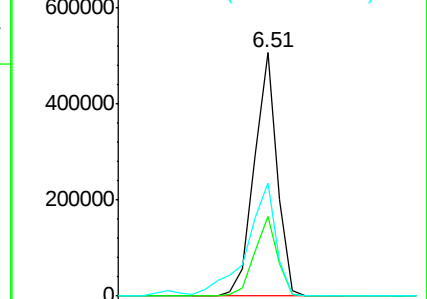
128 100

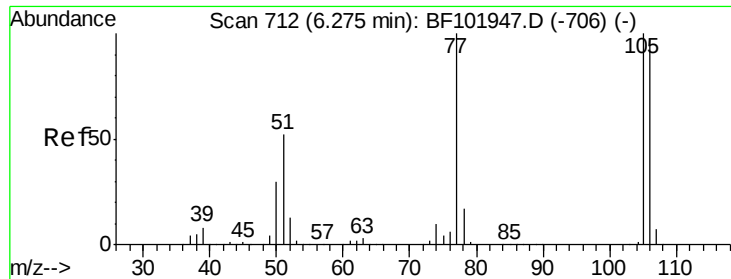
130 32.9 13.0 53.0

64 46.4 29.4 69.4



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





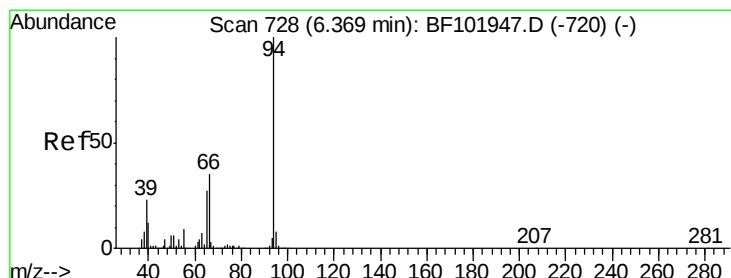
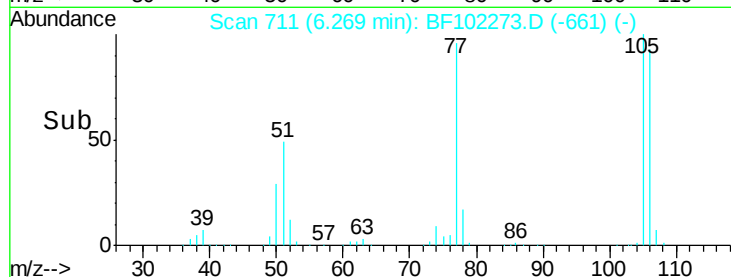
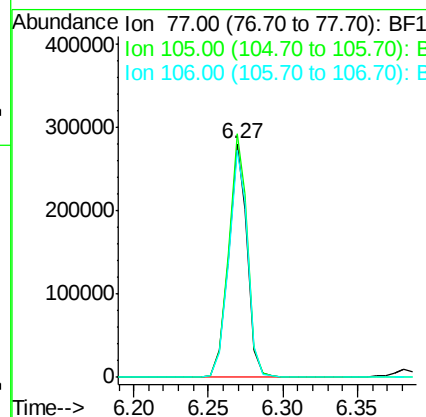
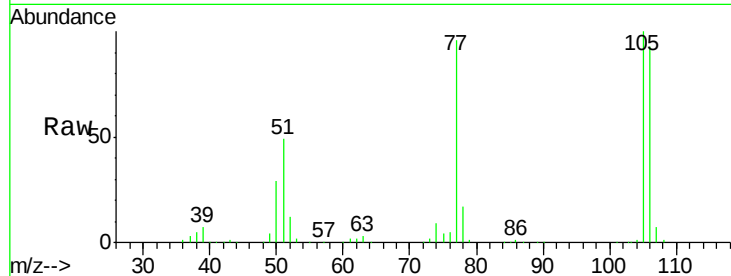
#9
Benzaldehyde
Concen: 28.82 ng
RT: 6.27 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.3	81.1	121.1
106	97.1	74.5	114.5

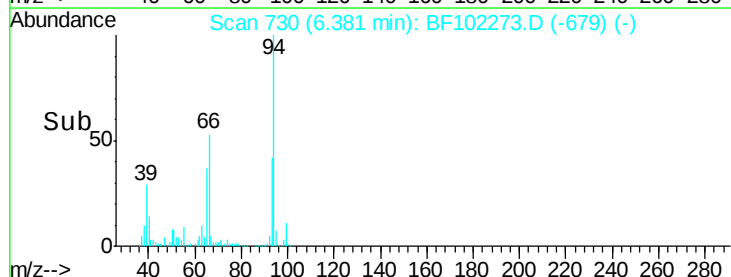
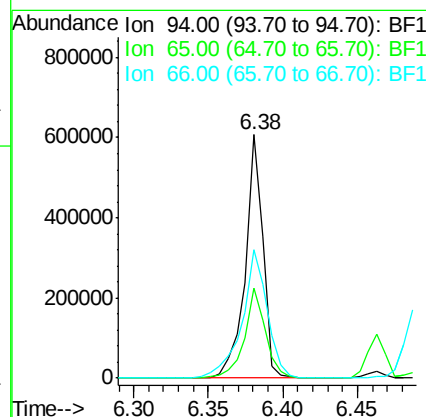
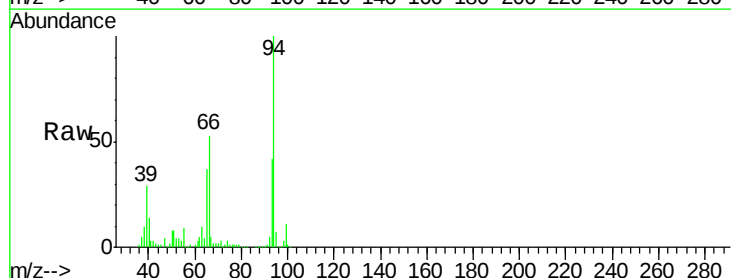
Manual Integrations
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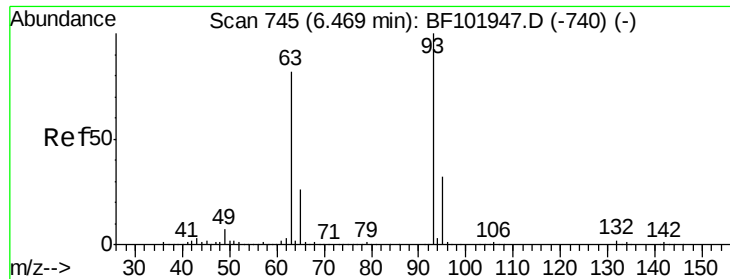
Sohil
1/22/2018 5:25:57 PM



#10
Phenol
Concen: 35.76 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.9	7.9	47.9
66	52.9	16.2	56.2





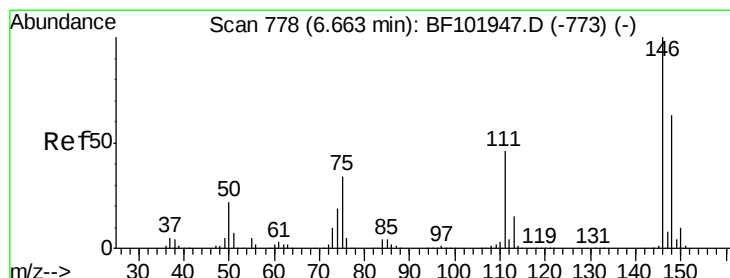
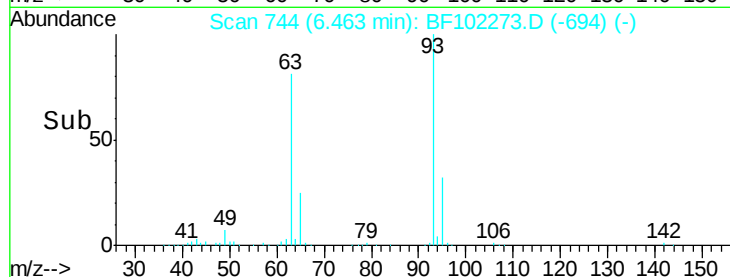
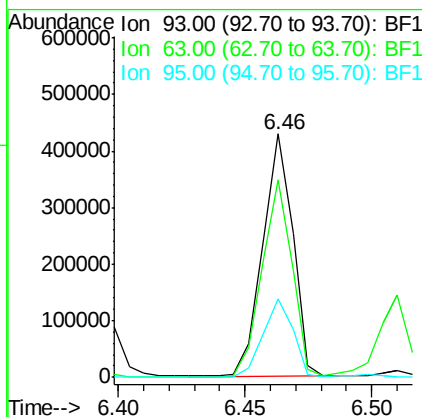
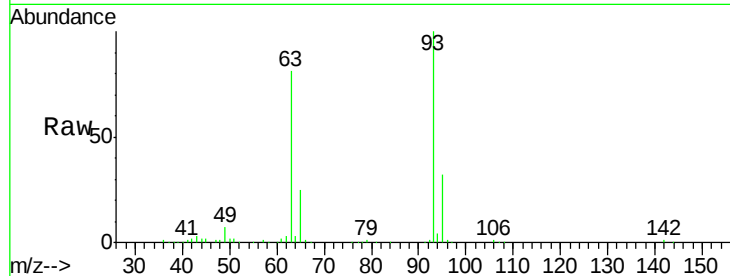
#11
bis(2-Chloroethyl)ether
Concen: 33.56 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.0	58.6	98.6
95	32.2	11.8	51.8

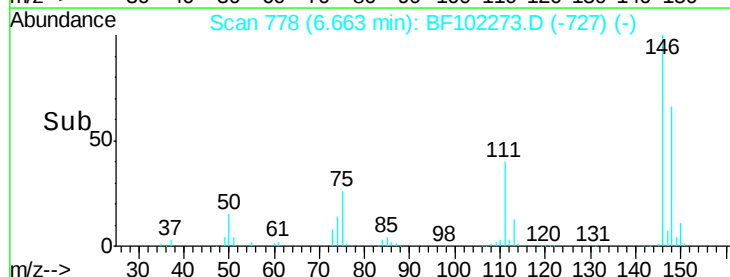
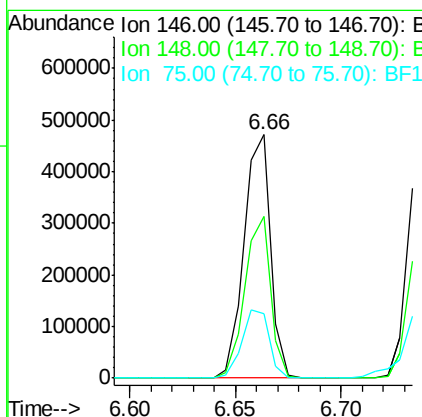
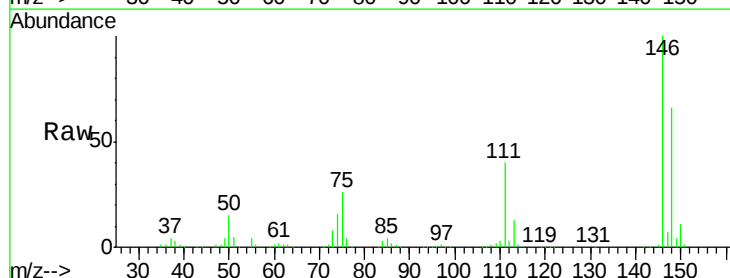
Manual Integrations
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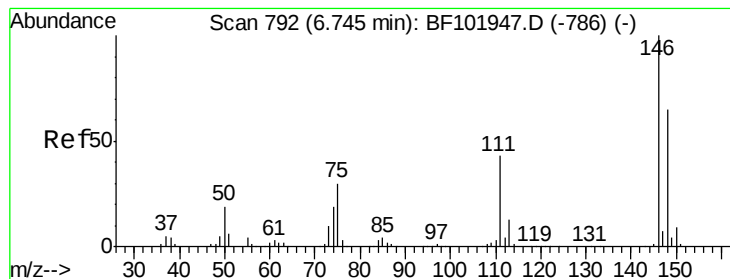
Sohil
1/22/2018 5:25:57 PM



#12
1,3-Dichlorobenzene
Concen: 34.19 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.8	77.8
75	26.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 34.63 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

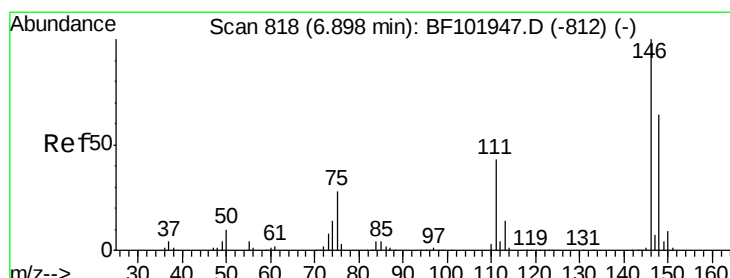
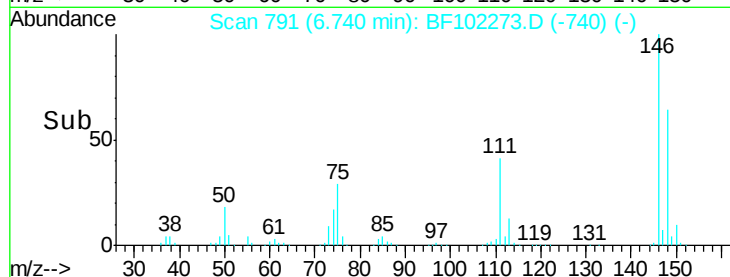
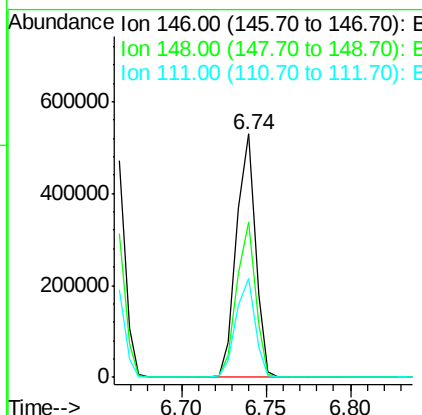
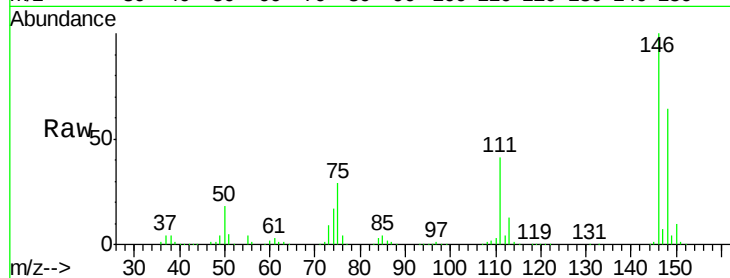
ClientSampleId :

COMP-5MSD

Tot Ion:	146	Resp:	414034
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.8	76.2
111	40.7	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 35.39 ng

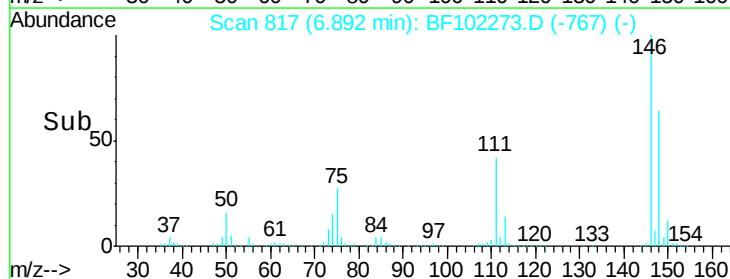
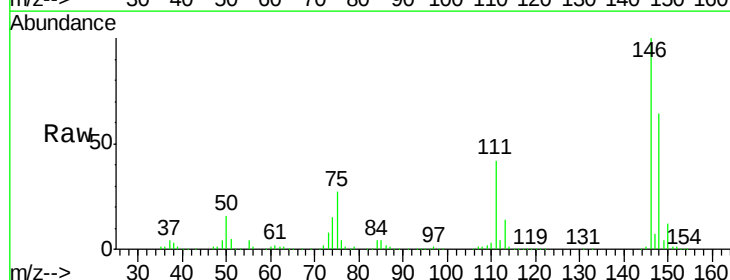
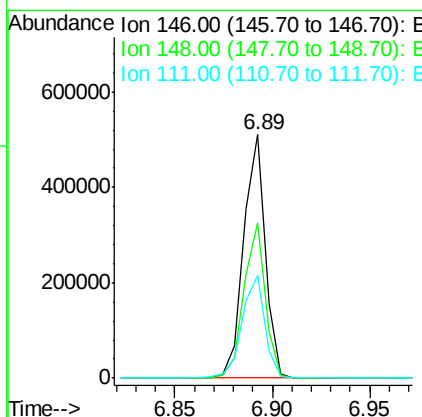
RT: 6.89 min Scan# 817

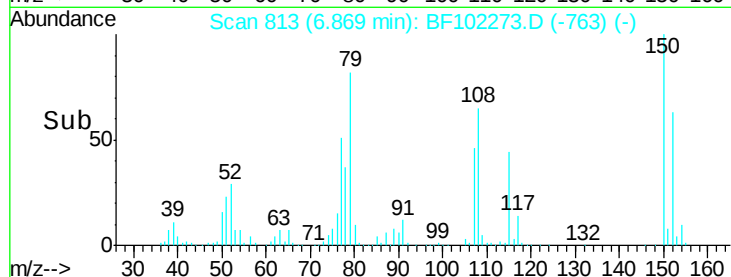
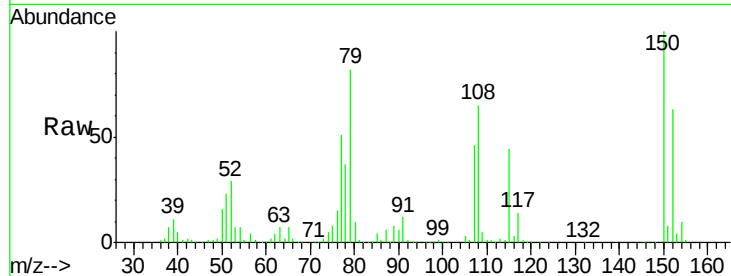
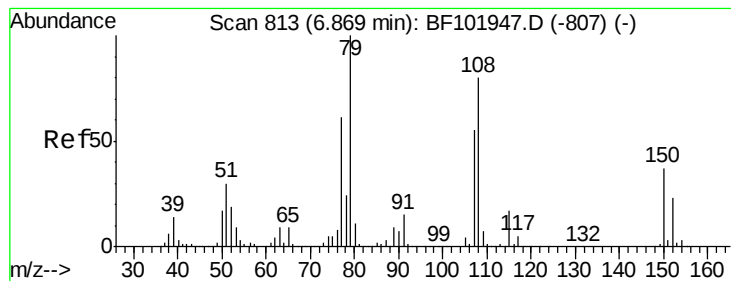
Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Tgt Ion:	146	Resp:	391612
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.6	75.8
111	42.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 34.08 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Tot Ion:	79	Resp:	308157
Ion Ratio	Lower	Upper	
79	100		
108	79.4	65.1	97.7
77	62.1	50.6	75.8

Instrument :

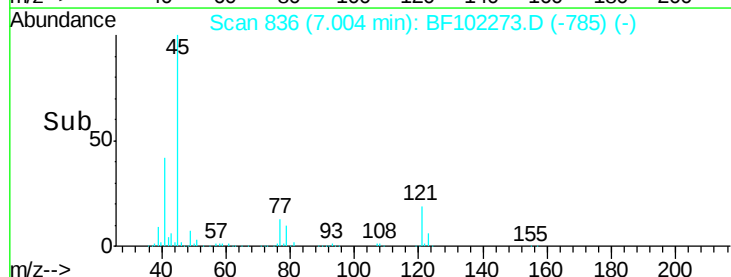
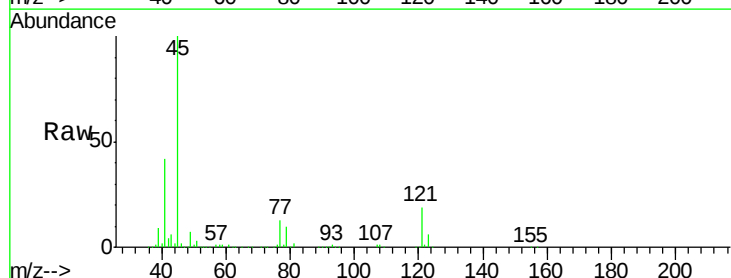
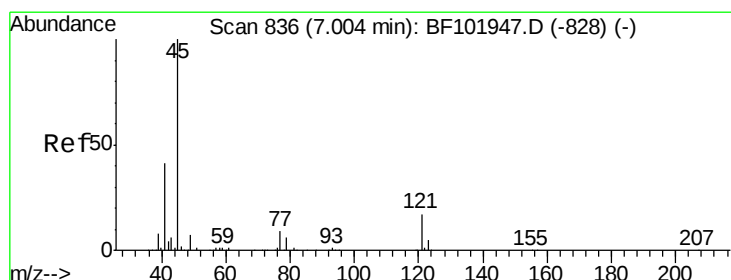
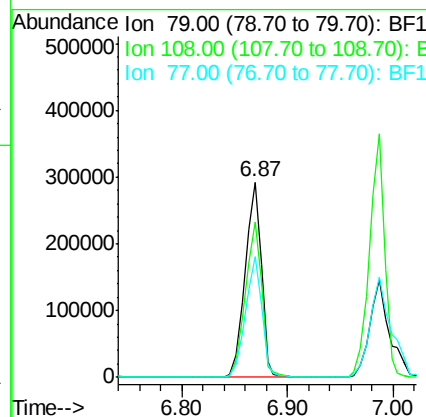
BNA_F

ClientSampleId :

COMP-5MSD

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.18 ng

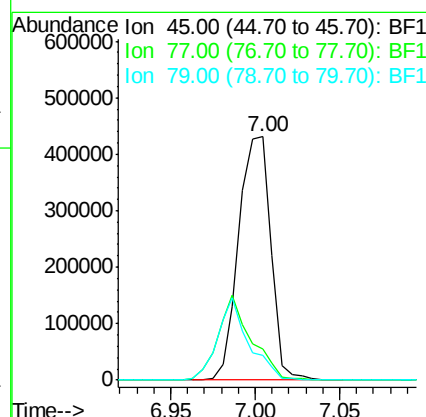
RT: 7.00 min Scan# 836

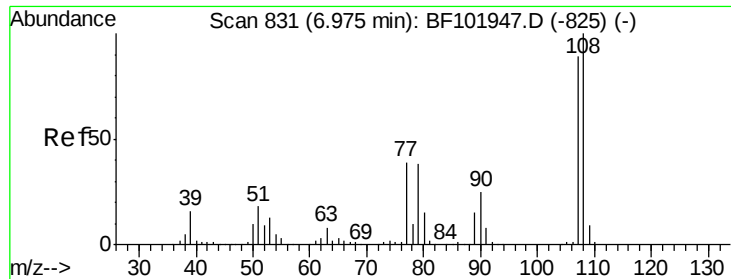
Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Tgt Ion:	45	Resp:	571994
Ion Ratio	Lower	Upper	
45	100		
77	13.0	0.0	32.9
79	10.2	0.0	29.6





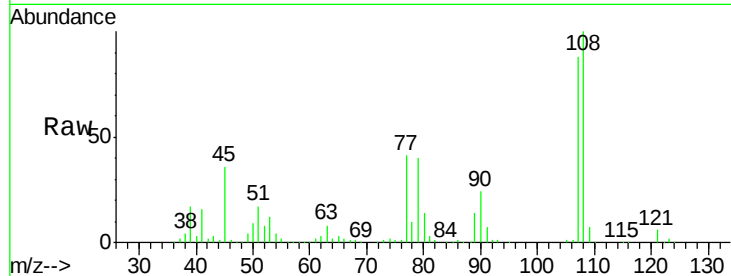
#17
2-Methylphenol
Concen: 33.69 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.7	137.5
77	46.4	33.8	50.8
79	45.2	33.8	50.8

Manual Integrations
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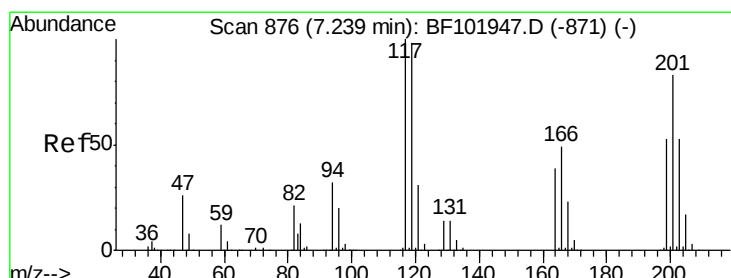
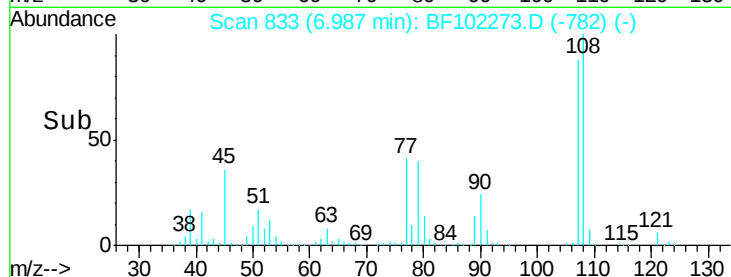
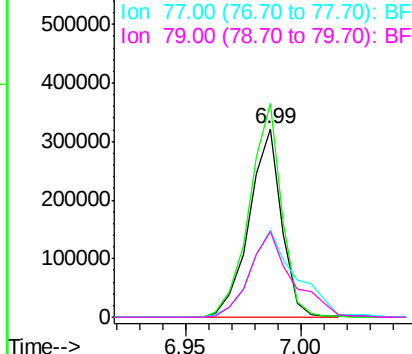
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 29.38 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

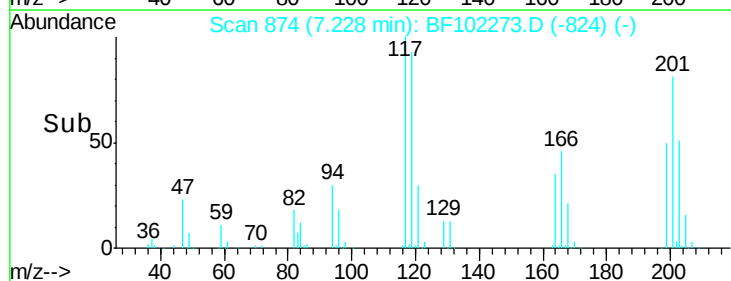
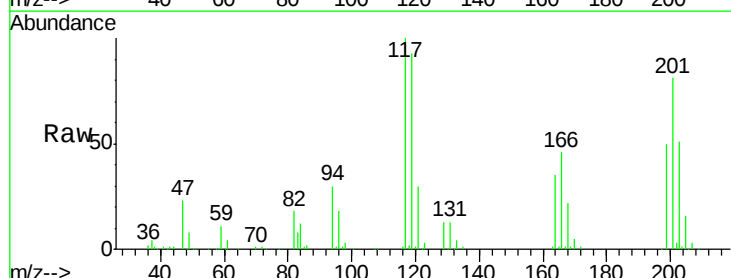
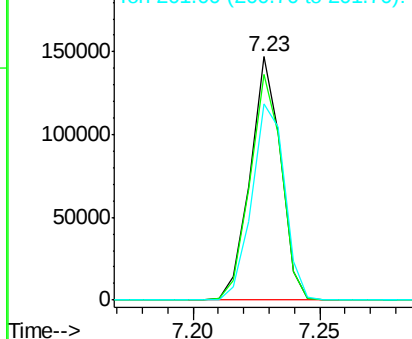
Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	75.8	113.8
201	80.7	75.7	113.5

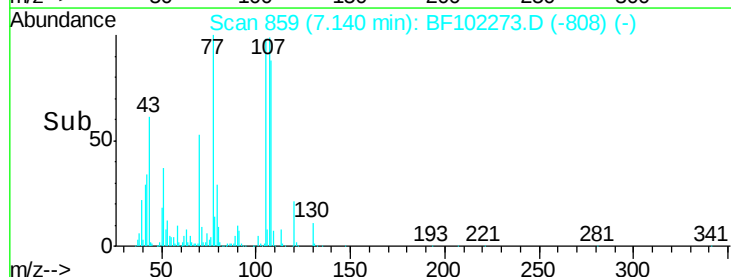
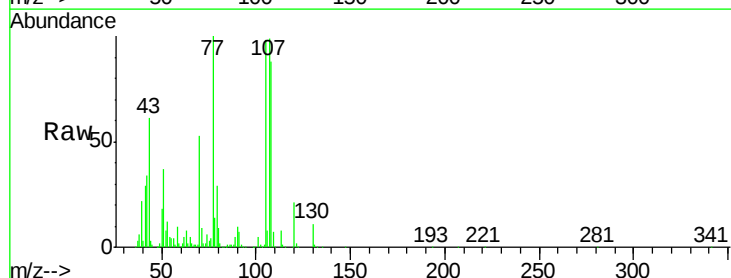
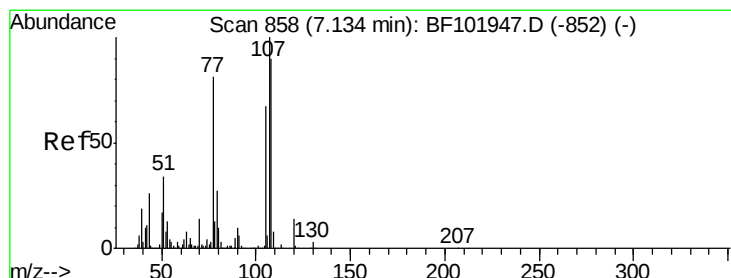
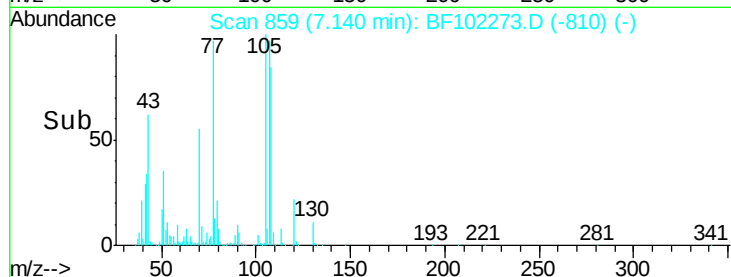
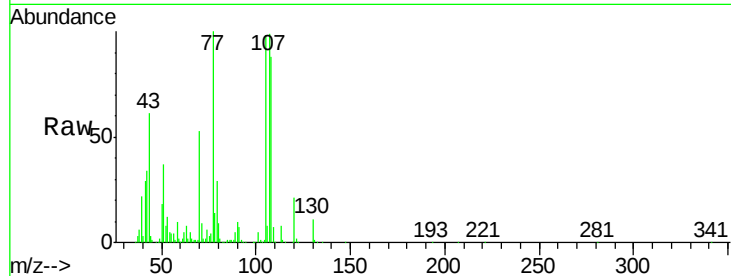
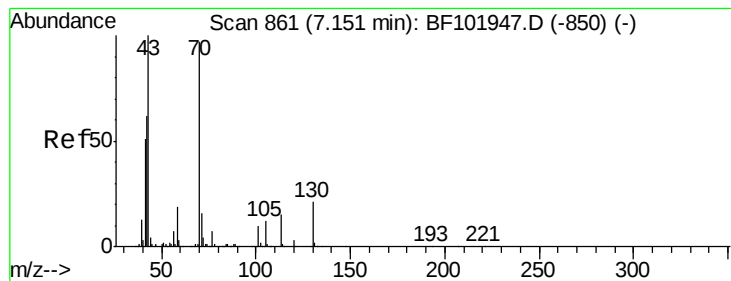
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 30.61 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Tot Ion:	70	Resp:	248016
Ion Ratio	Lower	Upper	
70	100		
42	63.1	47.5	71.3
101	9.4	7.4	11.2
130	20.3	16.6	25.0

Instrument :

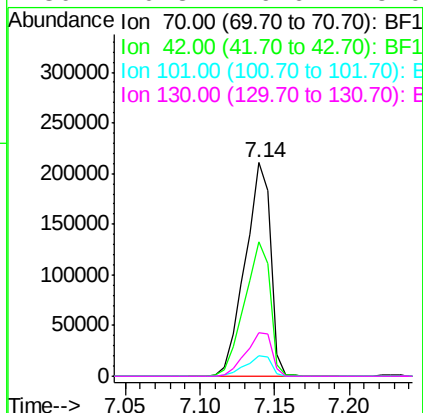
BNA_F

ClientSampleId :

COMP-5MSD

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#20

3+4-Methylphenols

Concen: 33.22 ng

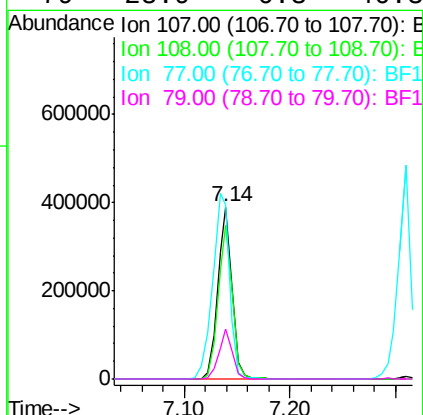
RT: 7.14 min Scan# 859

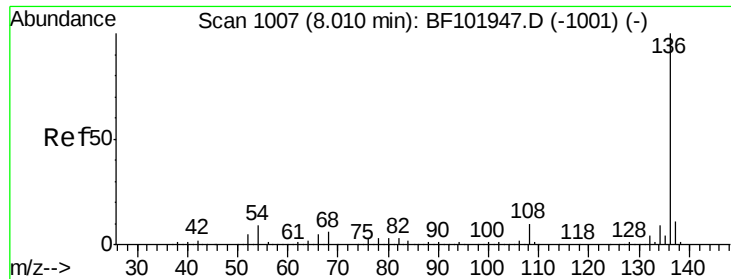
Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Tgt Ion:	107	Resp:	373946
Ion Ratio	Lower	Upper	
107	100		
108	89.2	68.2	108.2
77	101.2	26.7	66.7#
79	28.9	6.3	46.3





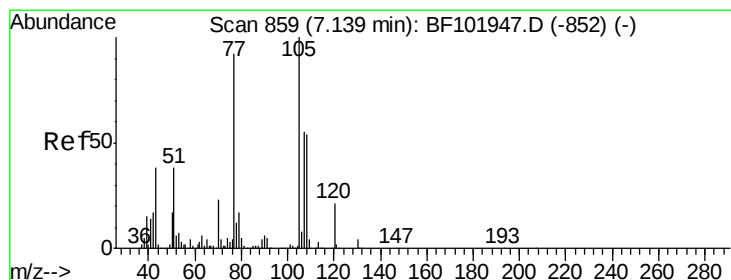
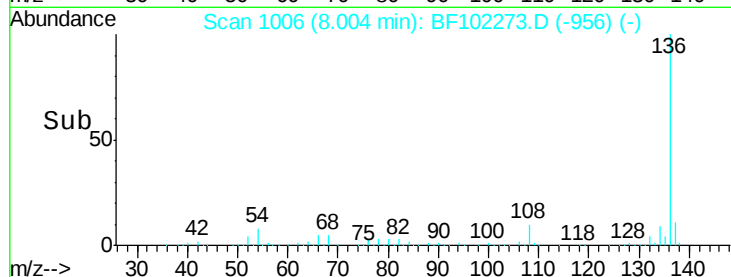
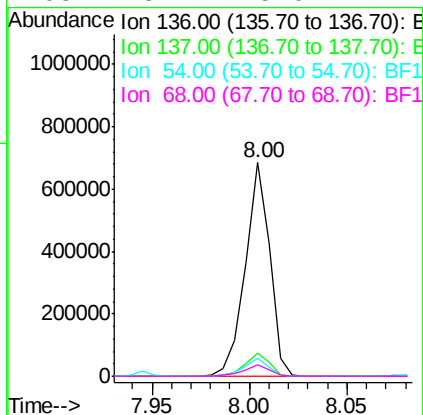
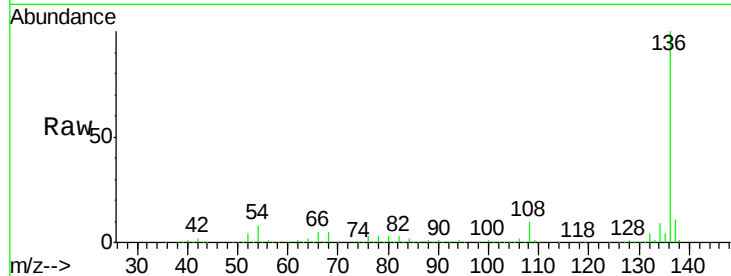
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampled :
COMP-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	595162		
137	10.8		8.9	13.3
54	8.3		6.6	9.8
68	5.4		5.0	7.4

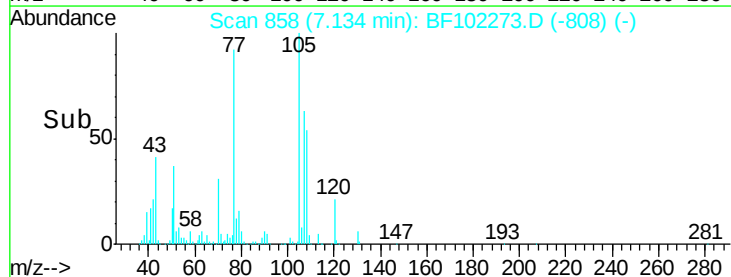
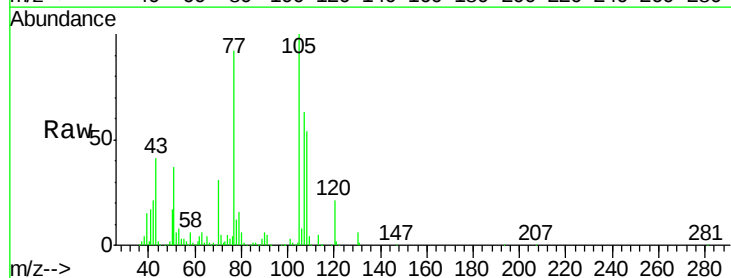
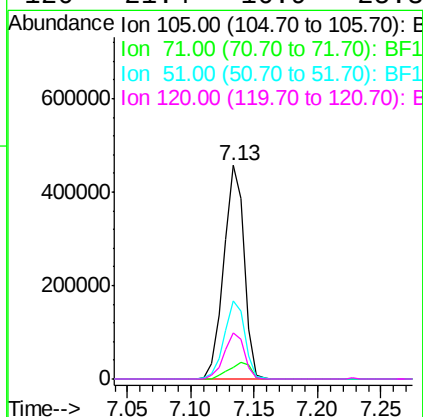
Manual Integrations
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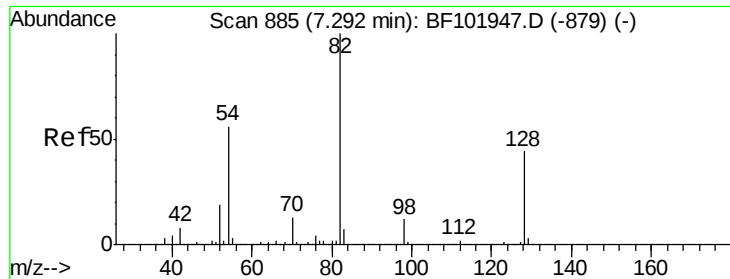
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#22
Acetophenone
Concen: 35.42 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	507903		
71	5.2		4.4	6.6
51	36.5		22.3	33.5#
120	21.4		16.9	25.3





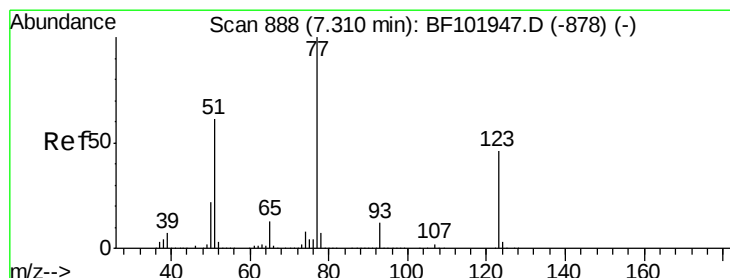
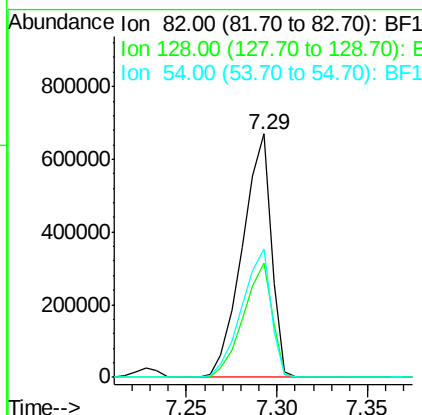
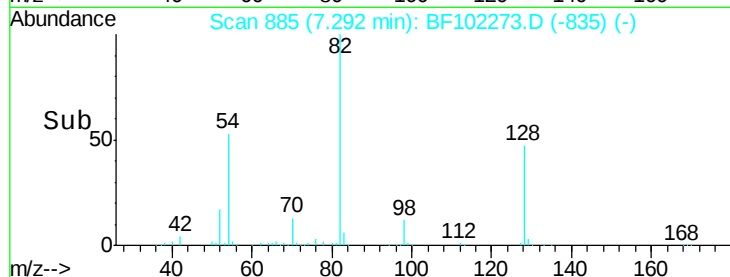
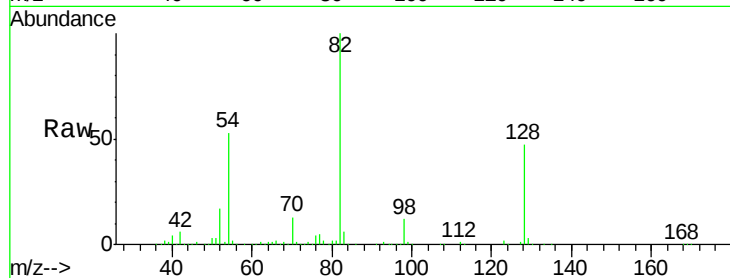
#23
Nitrobenzene-d5
Concen: 73.69 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	52.9	41.4	62.2

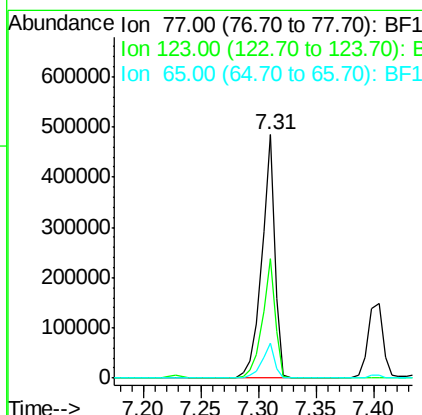
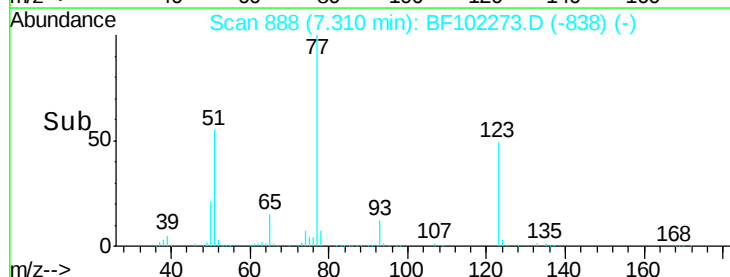
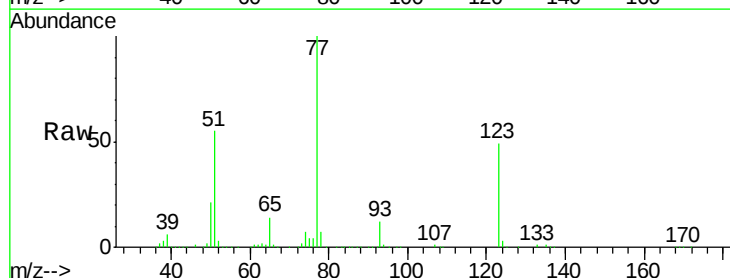
Manual Integrations
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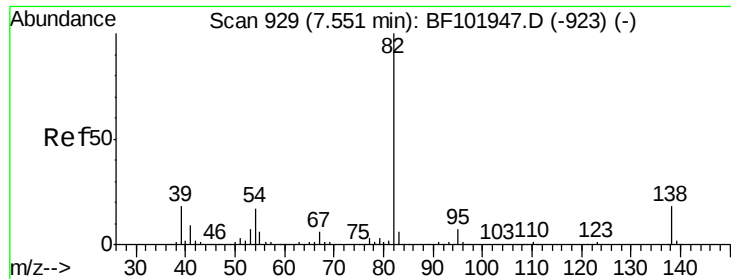
Sohil
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#24
Nitrobenzene
Concen: 35.70 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	37.9	56.9
65	14.4	11.0	16.4





#25

Isophorone

Concen: 34.66 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

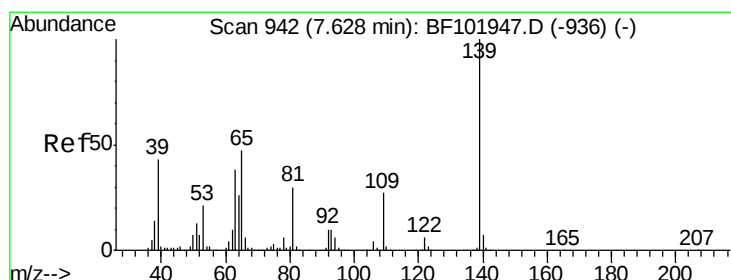
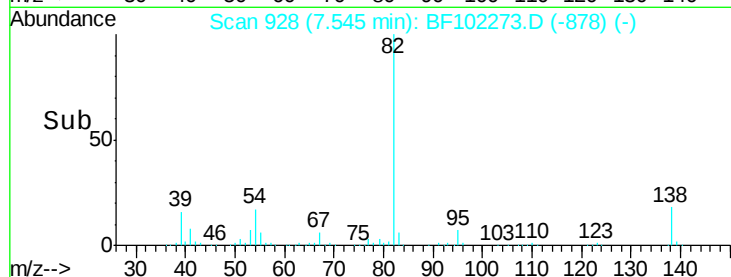
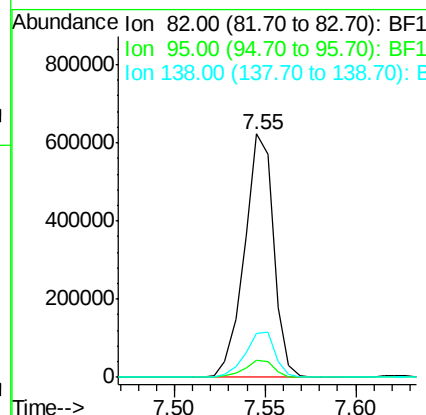
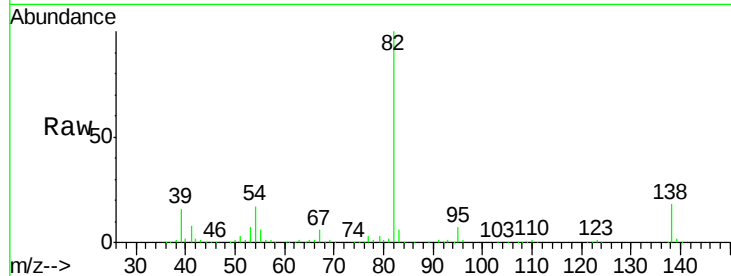
ClientSampleId :

COMP-5MSD

Tot Ion:	82	Resp:	693643
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.2	7.8
138	18.1	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.42 ng

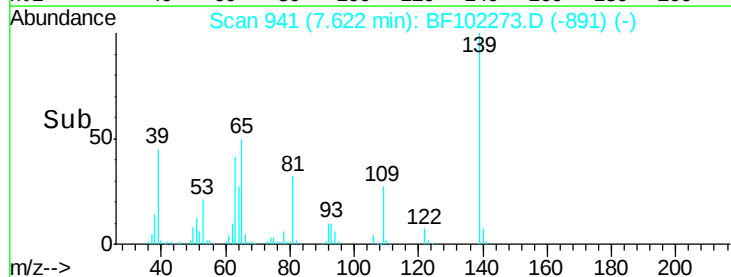
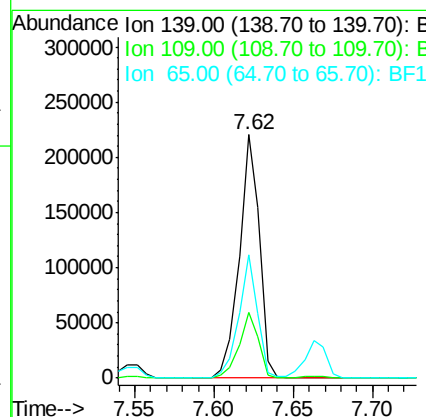
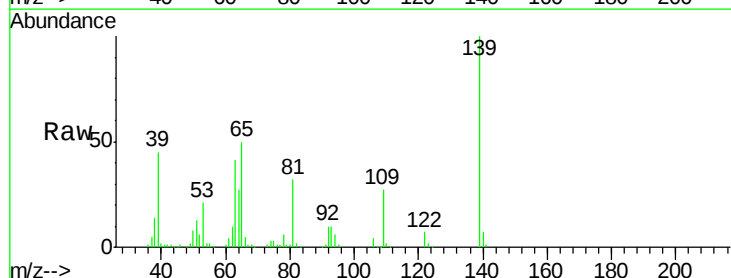
RT: 7.62 min Scan# 941

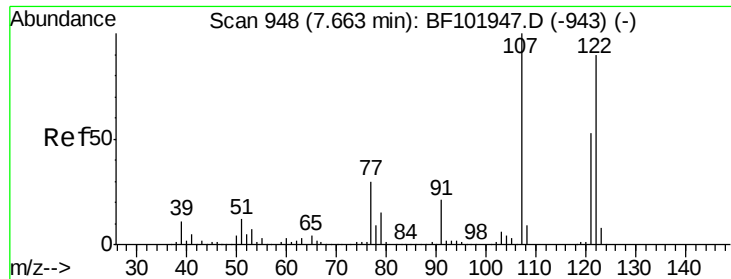
Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Tgt Ion:	139	Resp:	193211
Ion Ratio		Lower	Upper
139	100		
109	26.9	22.7	34.1
65	50.4	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 39.35 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

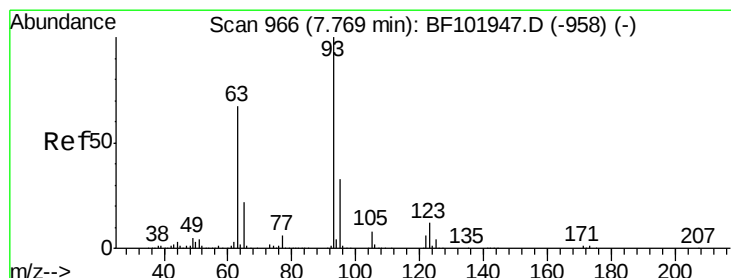
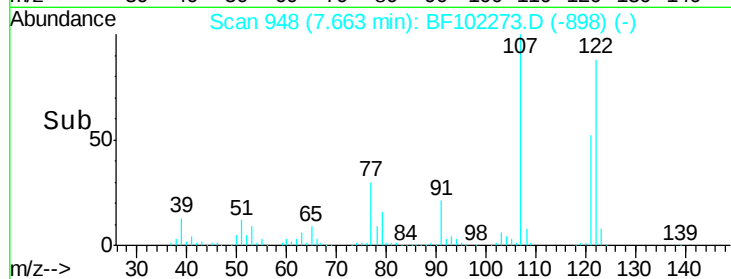
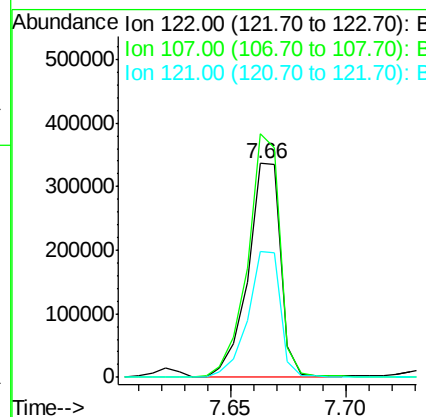
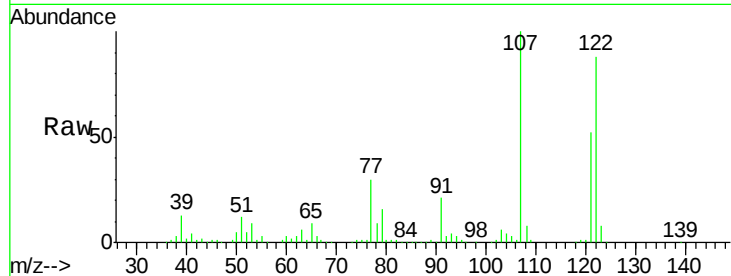
ClientSampled :

COMP-5MSD

Tot Ion:	122	Resp:	334727
Ion Ratio	Lower	Upper	
122	100		
107	113.7	91.2	136.8
121	59.0	47.2	70.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 36.30 ng

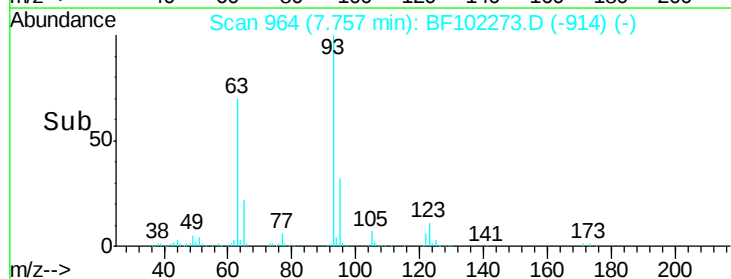
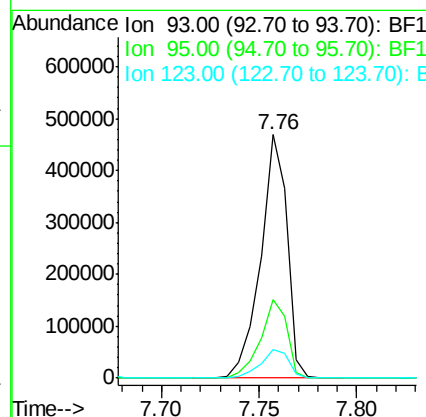
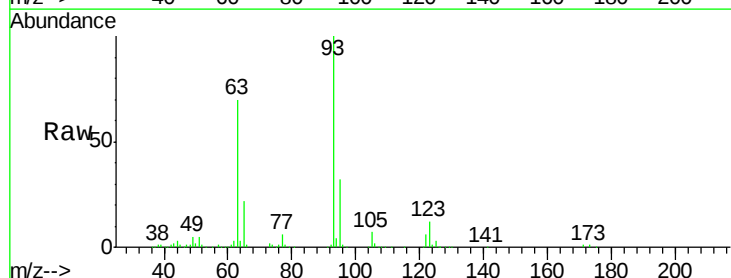
RT: 7.76 min Scan# 964

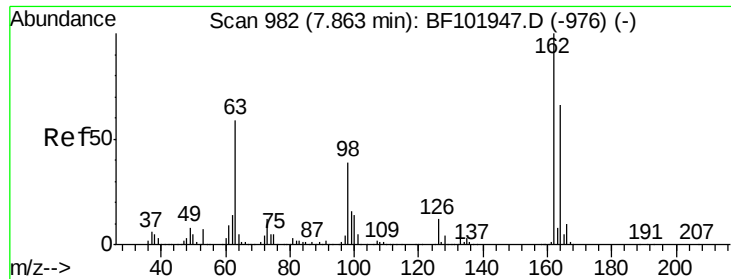
Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Tgt Ion:	93	Resp:	438640
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.3	39.5
123	11.6	9.8	14.6





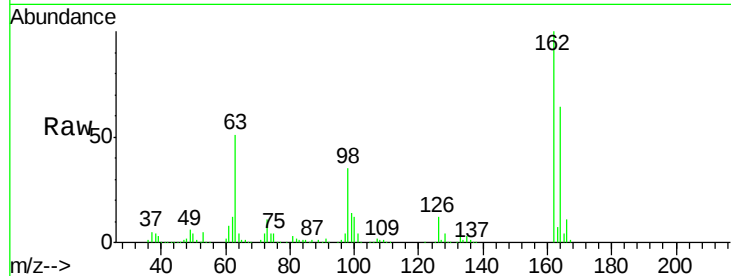
#29
2,4-Dichlorophenol
Concen: 38.54 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampled :
COMP-5MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.8	42.7	82.7
98	35.1	18.1	58.1

Manual Integrations
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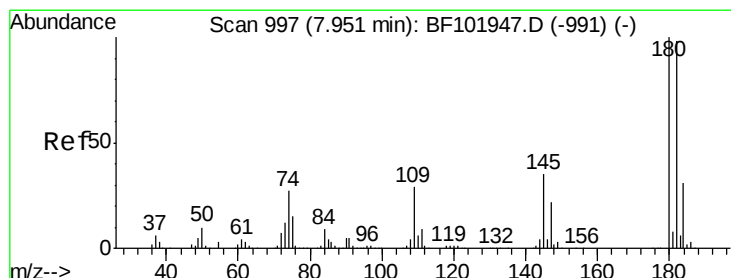
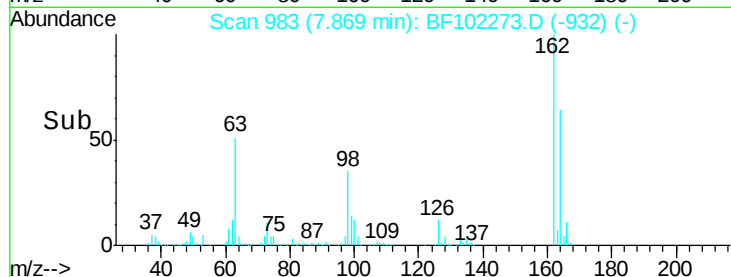
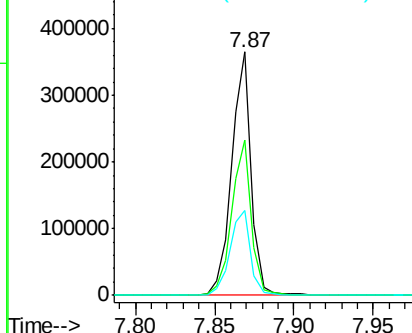


Abundance

Ion 162.00 (161.70 to 162.70): E

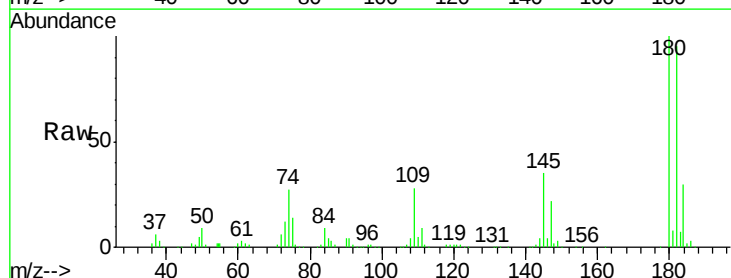
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 36.09 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.0	76.8	115.2
145	35.1	26.5	39.7

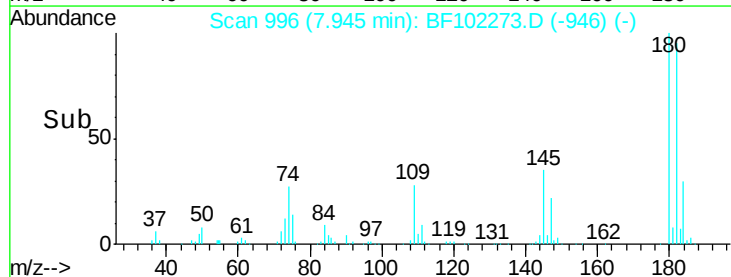
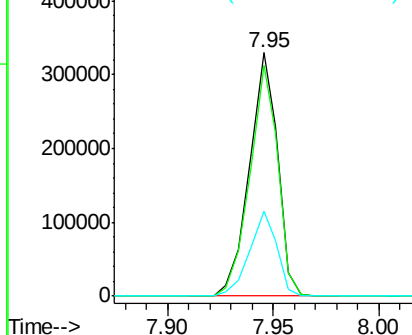


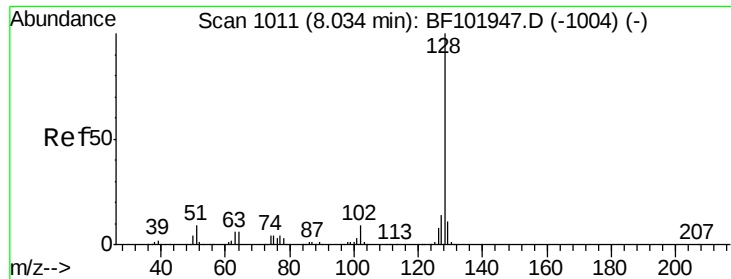
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





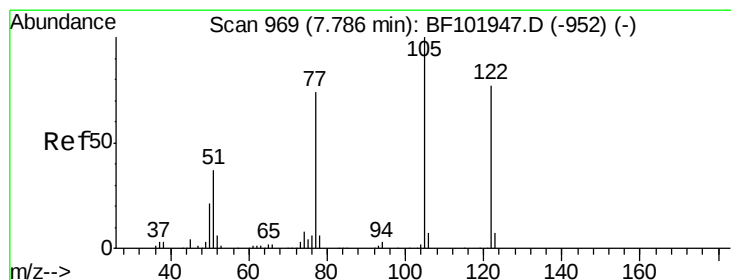
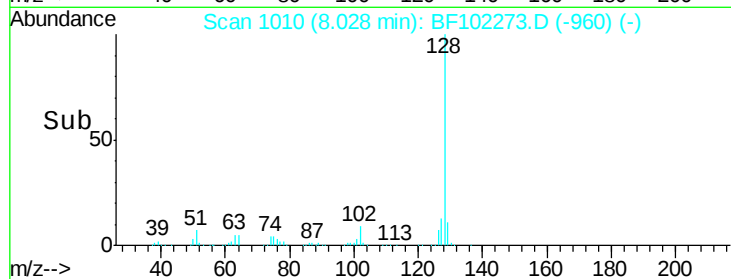
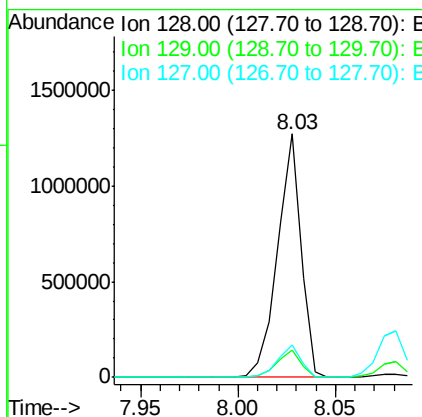
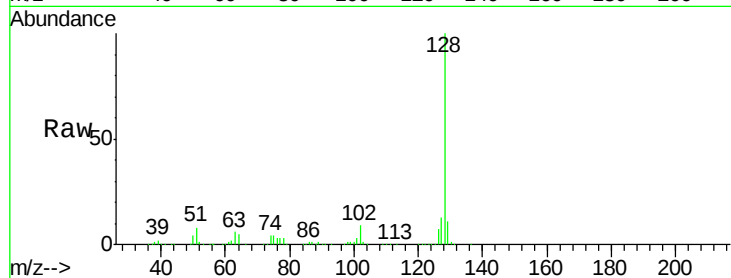
#31
Naphthalene
Concen: 35.70 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

Tot Ion:128 Resp: 1061685
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.4 10.9 16.3

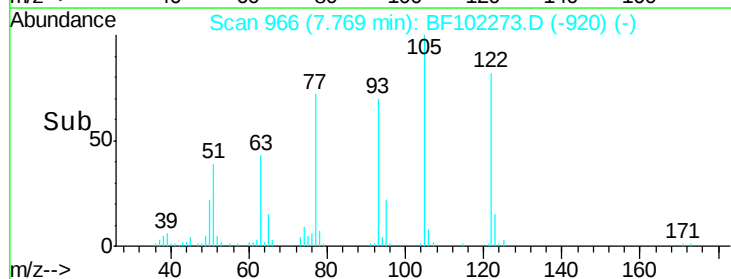
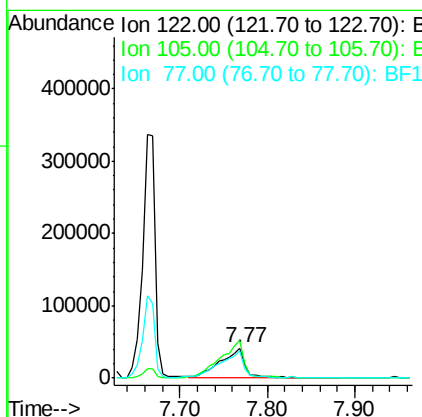
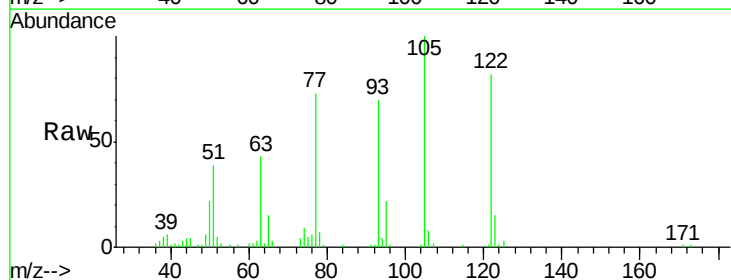
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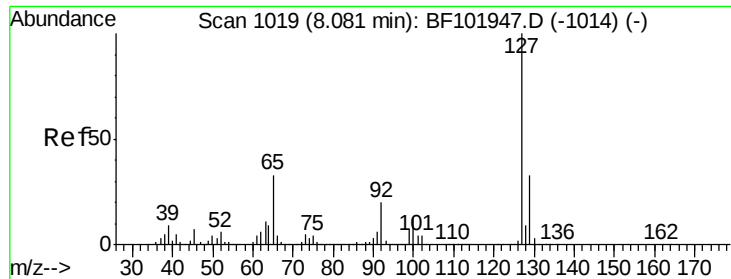
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#32
Benzoic acid
Concen: 13.01 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion:122 Resp: 83901
Ion Ratio Lower Upper
122 100
105 122.3 101.1 141.1
77 88.8 70.7 110.7





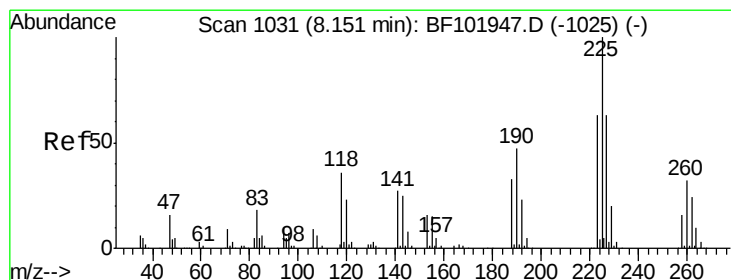
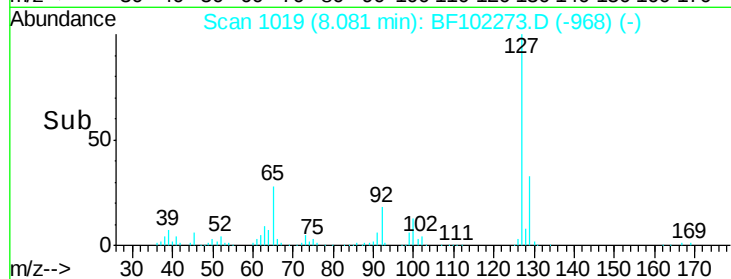
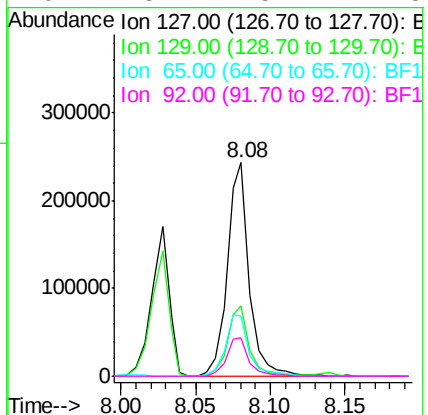
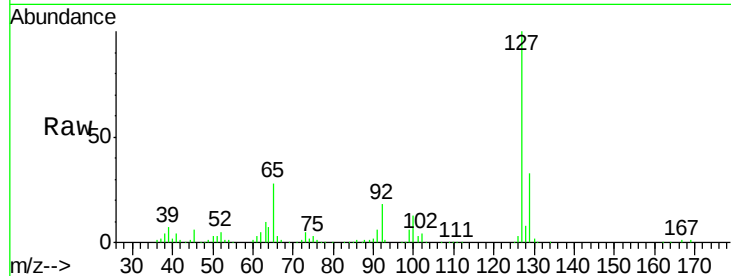
#33
4-Chloroaniline
Concen: 19.81 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		251449		
129	32.9		25.9	38.9	
65	28.3		25.0	37.4	
92	18.1		15.2	22.8	

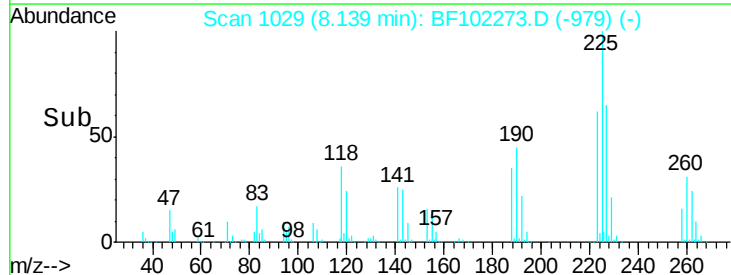
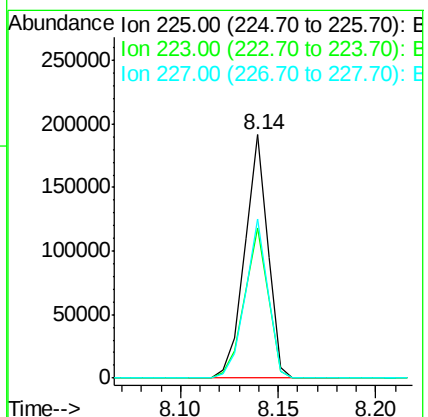
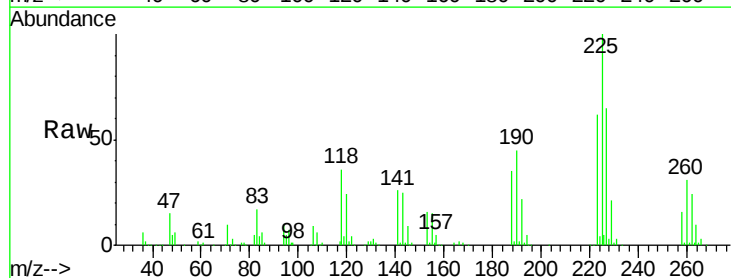
Manual Integrations
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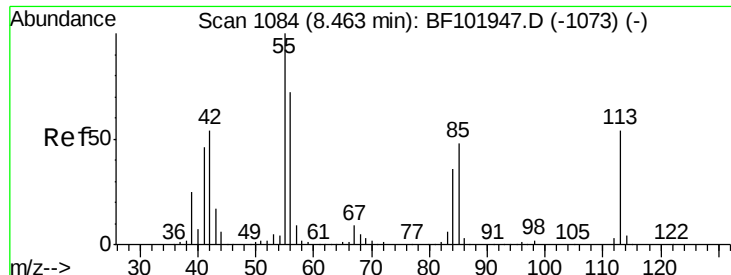
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#34
Hexachlorobutadiene
Concen: 34.99 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		156488		
223	61.9		50.6	76.0	
227	65.2		51.9	77.9	





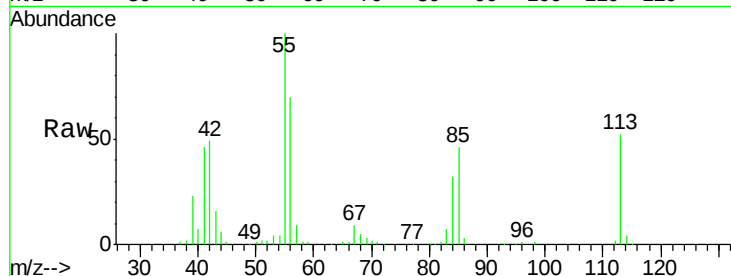
#35
Caprolactam
Concen: 37.89 ng/ml
RT: 8.45 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

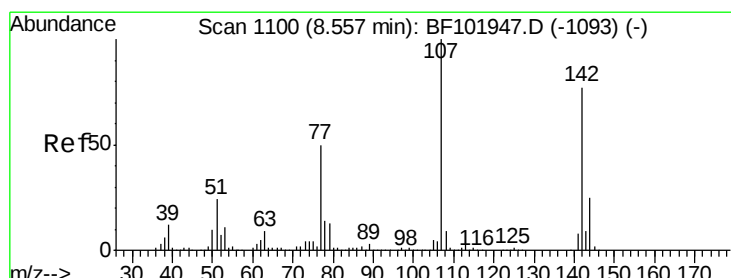
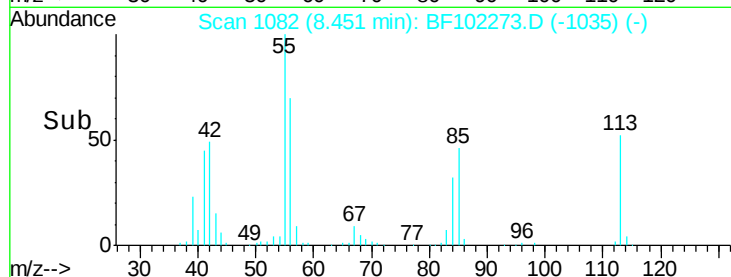
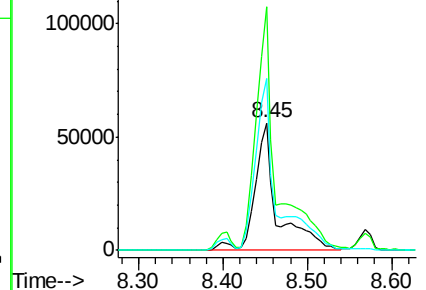
Tot Ion	Ratio	Lower	Upper
113	100		
55	191.3	163.3	203.3
56	134.7	115.7	155.7

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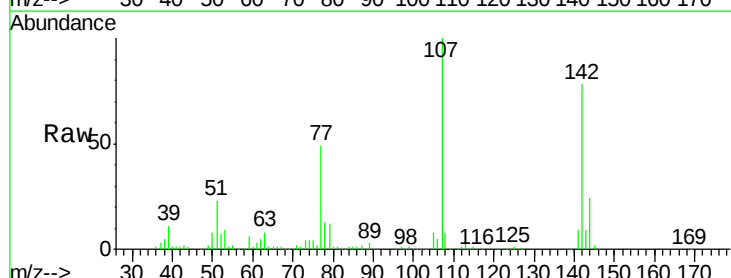


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

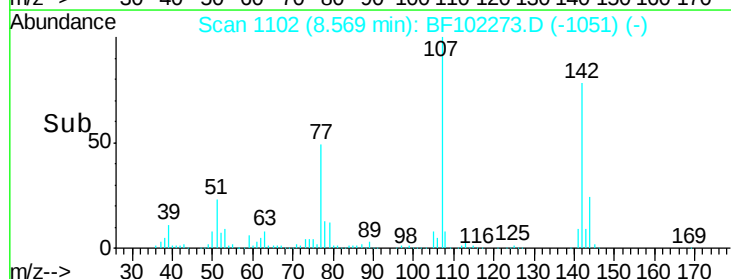
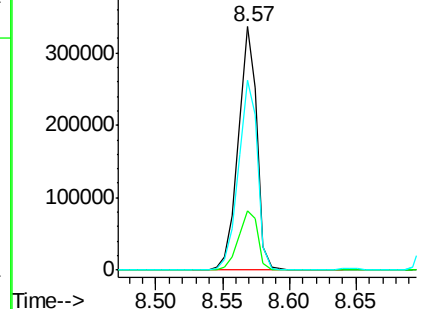


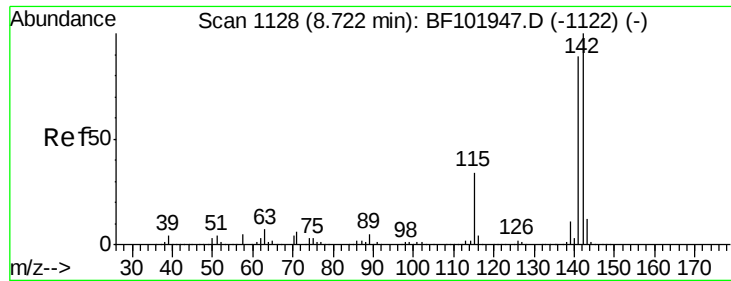
#36
4-Chloro-3-methylphenol
Concen: 37.28 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.5	30.7
142	77.9	62.0	93.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





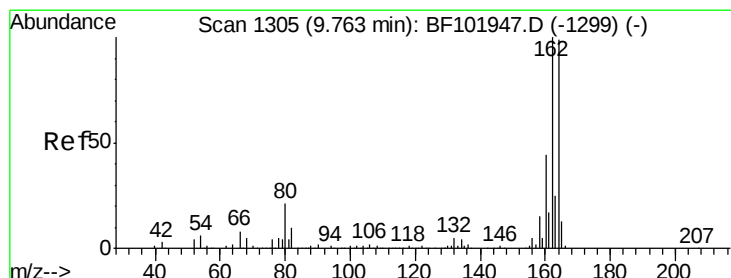
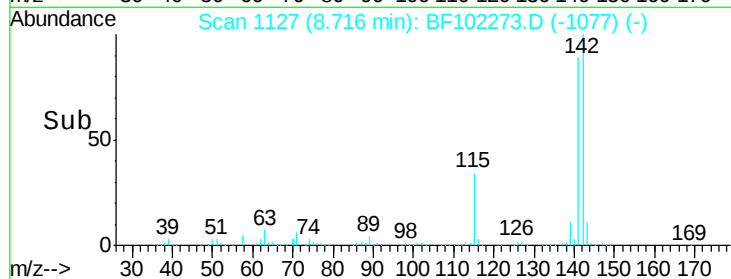
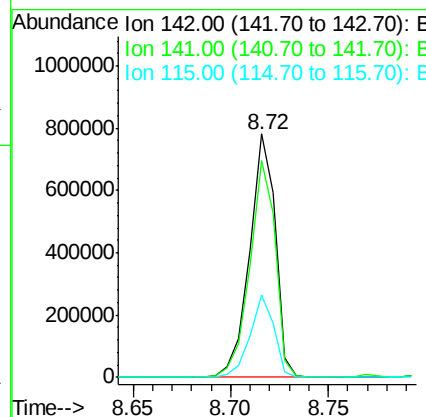
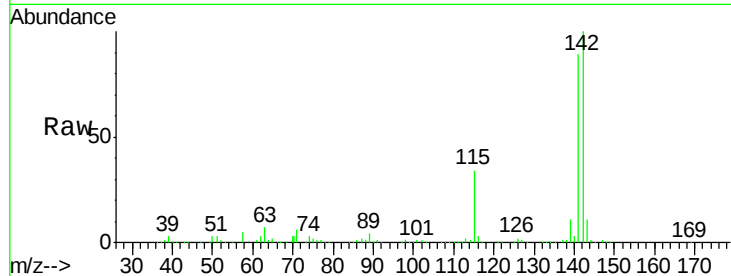
#37
2-Methylnaphthalene
Concen: 36.29 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampled :
COMP-5MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	33.6	26.1	39.1

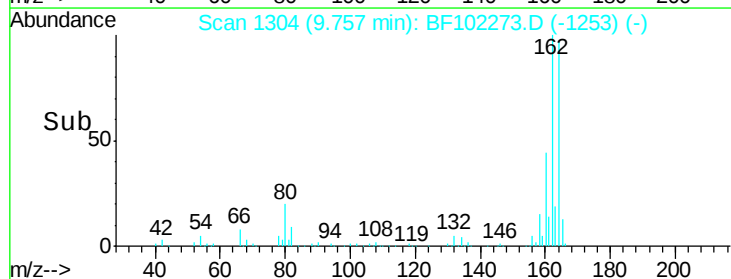
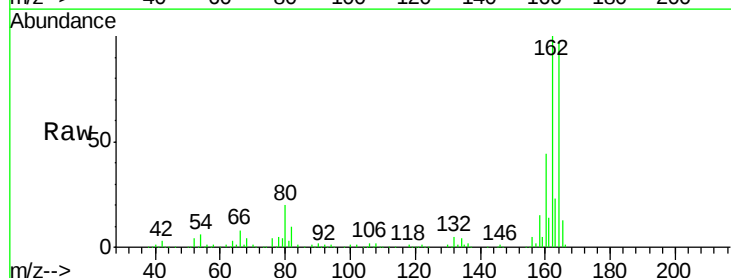
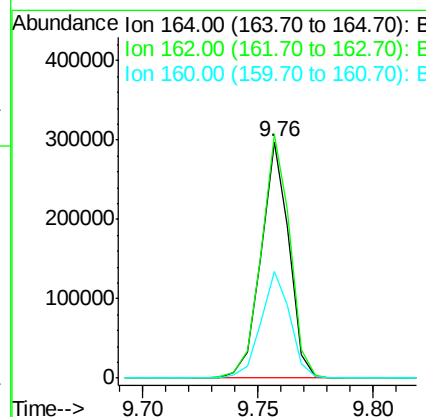
Manual Integrations
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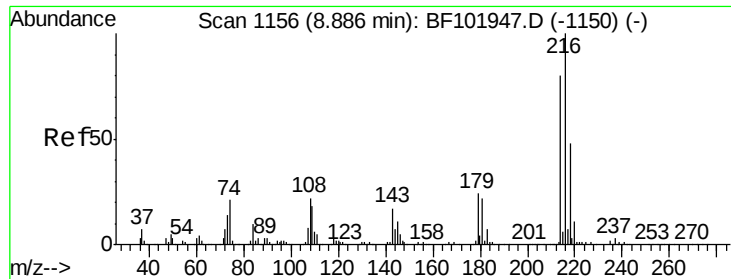
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	45.1	38.3	57.5





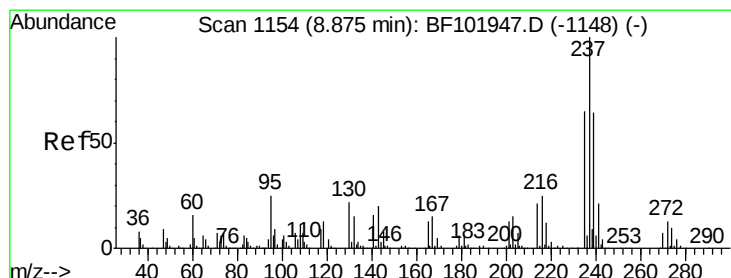
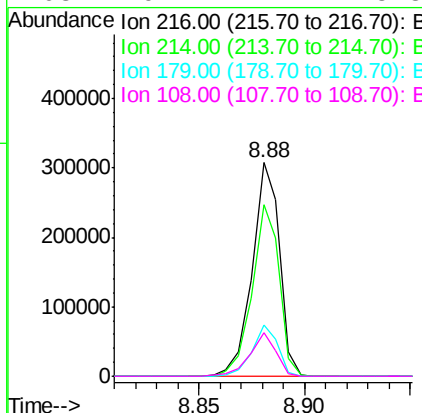
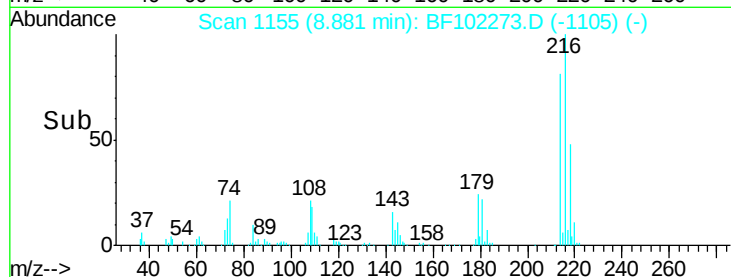
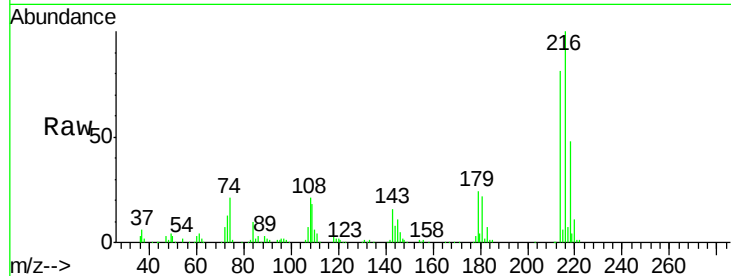
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.83 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	275896		
214	79.9	63.0	94.4	
179	22.9	18.1	27.1	
108	19.7	17.2	25.8	

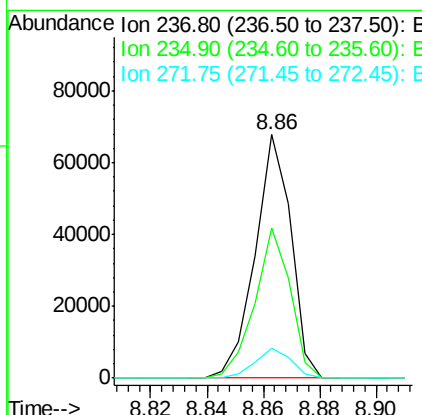
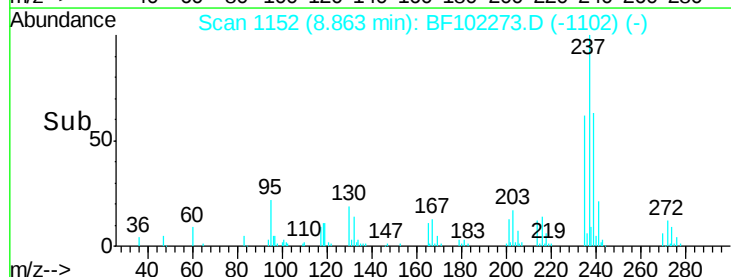
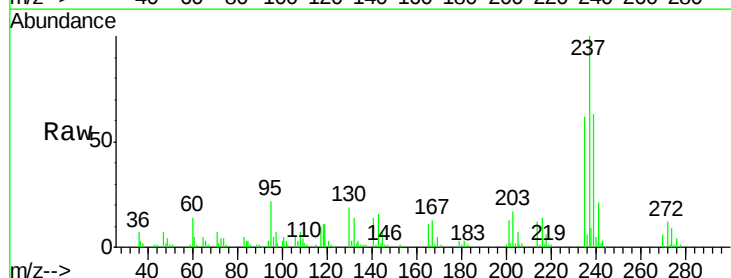
Manual Integrations
 APPROVED

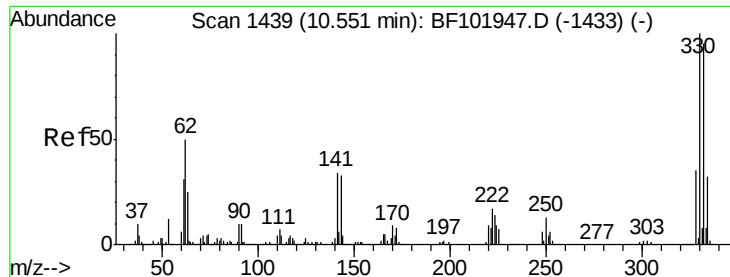
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#40
 Hexachlorocyclopentadiene
 Concen: 15.39 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	59799		
235	61.6	44.8	84.8	
272	12.1	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 98.14 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

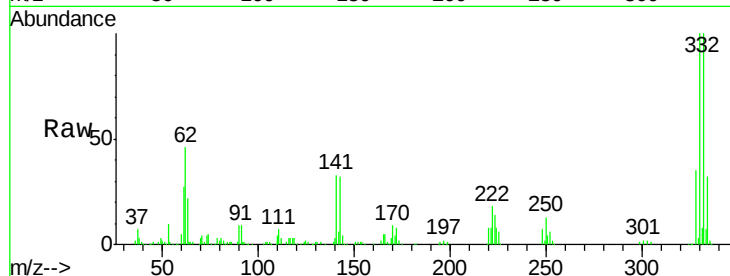
ClientSampleId :

COMP-5MSD

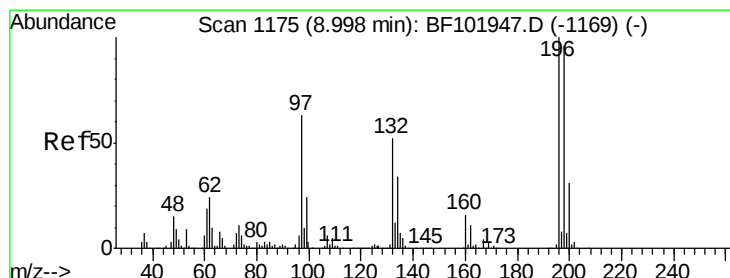
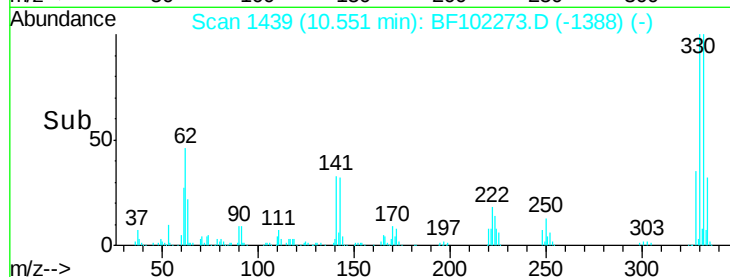
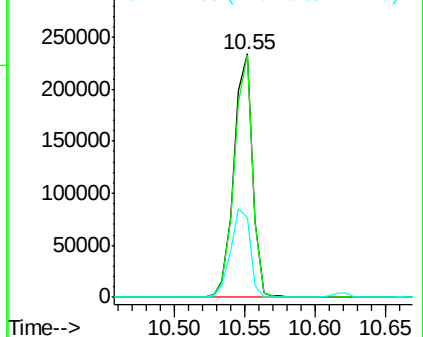
Tot Ion:	330	Resp:	215127
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.0	115.6
141	38.3	29.9	44.9

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



#42

2,4,6-Trichlorophenol

Concen: 39.12 ng

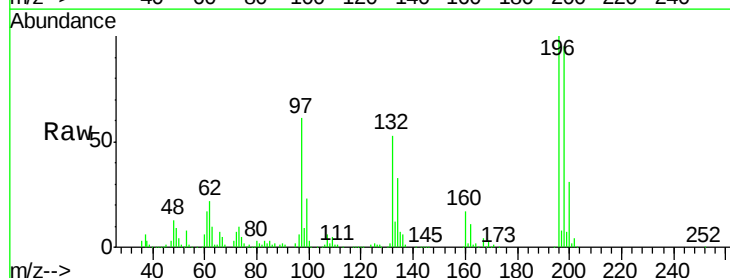
RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

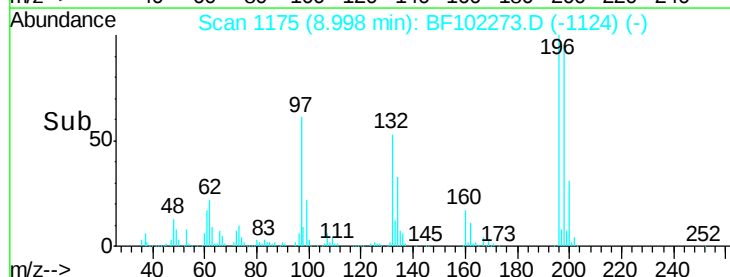
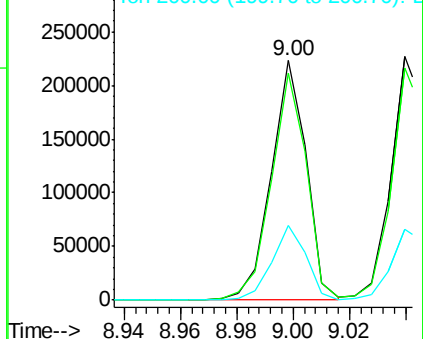
Lab File: BF102273.D

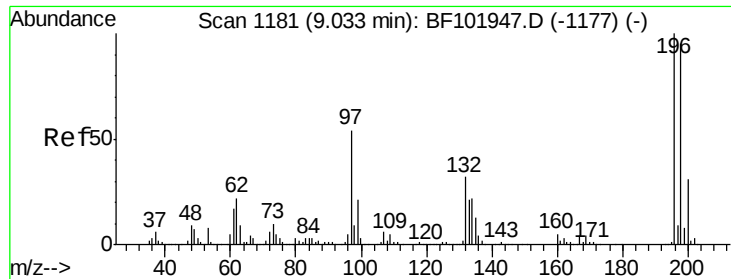
Acq: 20 Jan 2018 18:35

Tgt Ion:	196	Resp:	191551
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.7	113.5
200	31.4	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





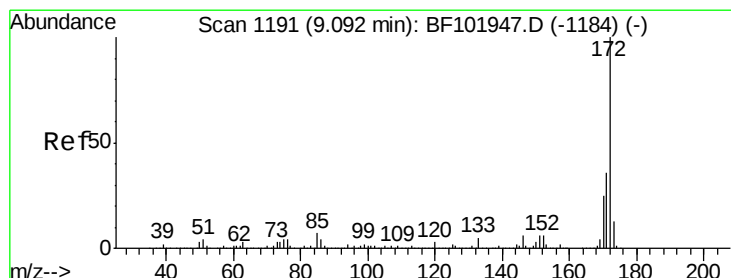
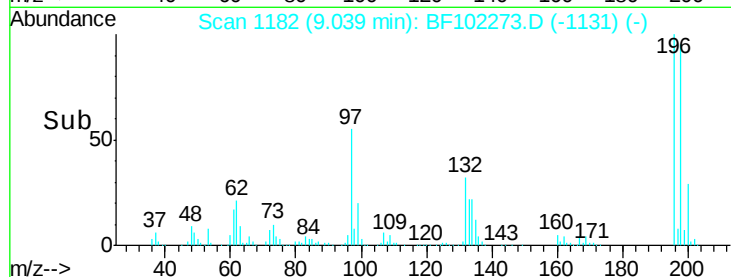
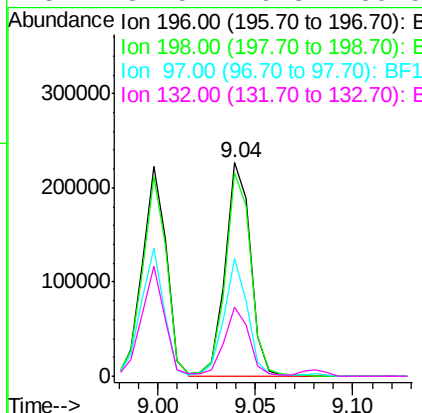
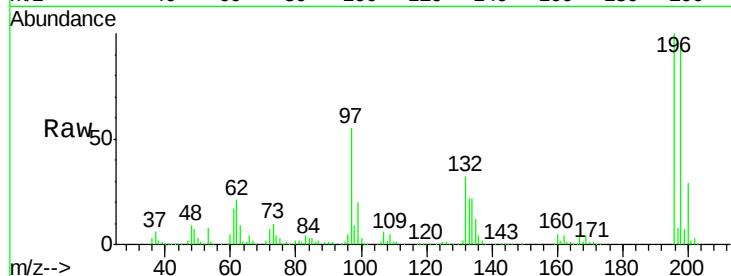
#43
 2,4,5-Trichlorophenol
 Concen: 36.85 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		203943		
198	95.2		74.6	112.0	
97	55.2		42.9	64.3	
132	32.5		26.3	39.5	

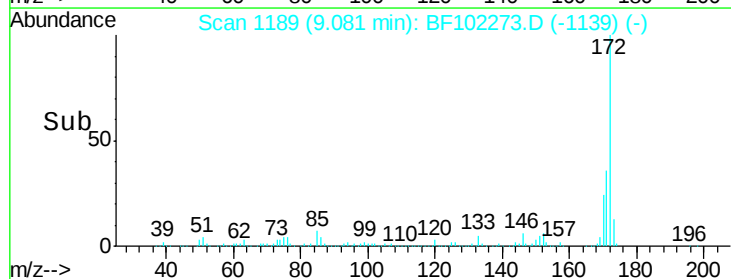
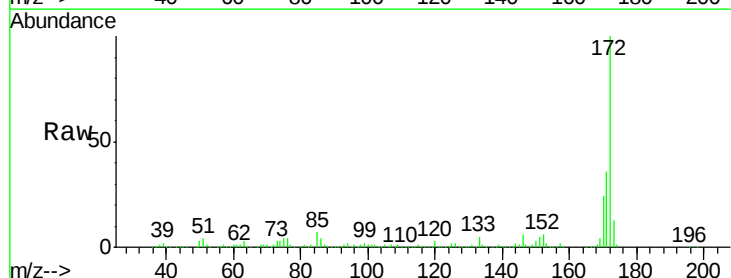
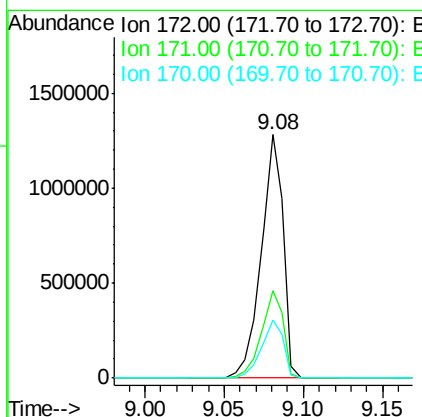
Manual Integrations
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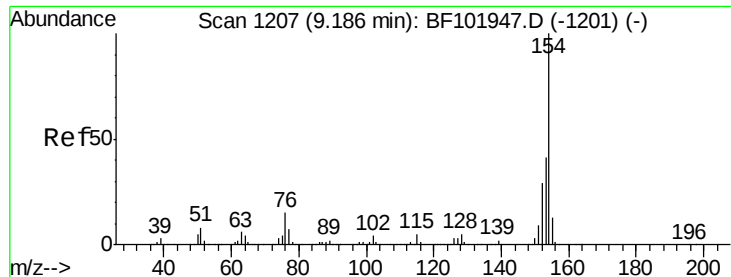
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#44
 2-Fluorobiphenyl
 Concen: 77.22 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1241533		
171	35.8		29.7	44.5	
170	23.9		19.6	29.4	





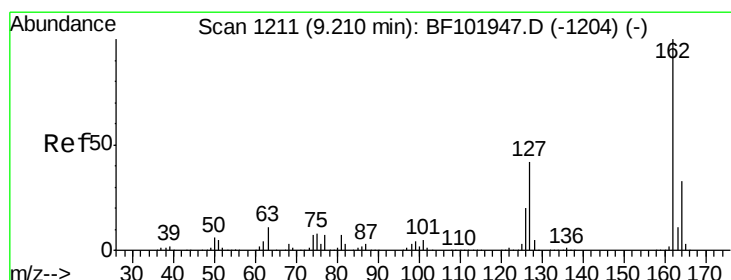
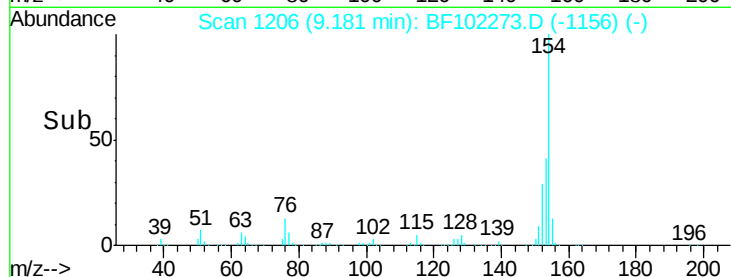
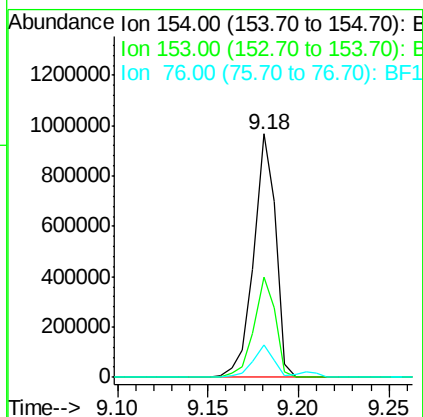
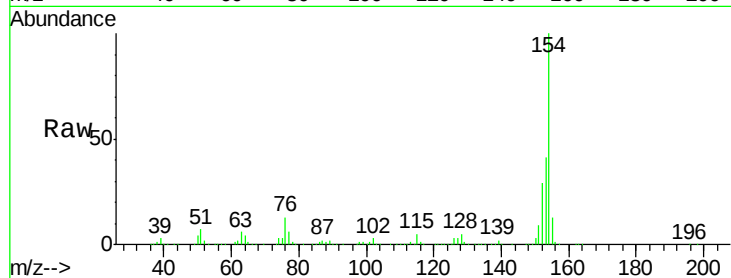
#45
1,1'-Biphenyl
Concen: 36.54 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.1	21.3	61.3	
76	13.3	0.0	34.0	

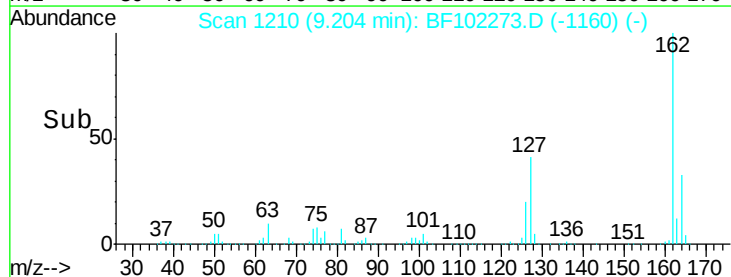
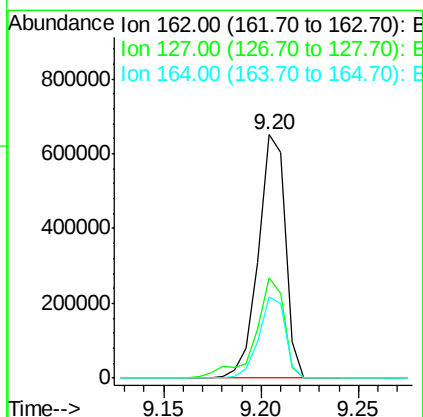
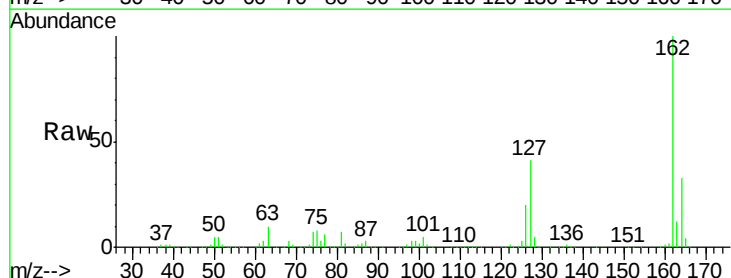
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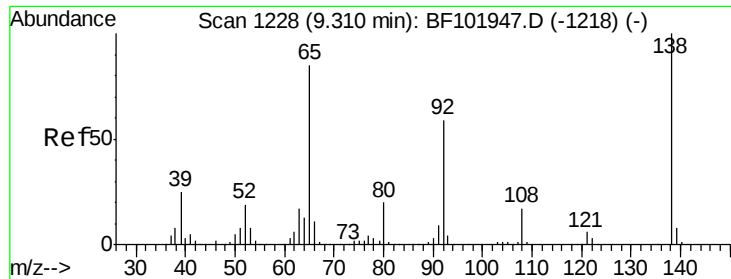
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#46
2-Chloronaphthalene
Concen: 36.29 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.4	33.9	50.9	
164	33.1	26.5	39.7	





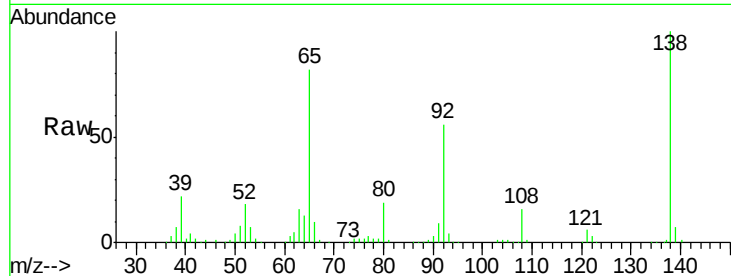
#47
2-Nitroaniline
Concen: 40.62 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

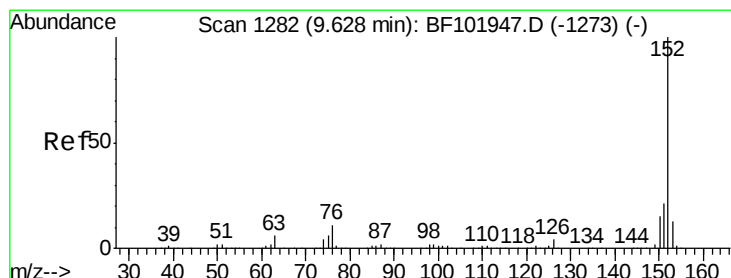
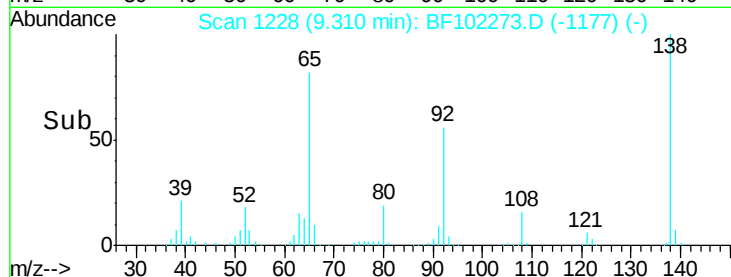
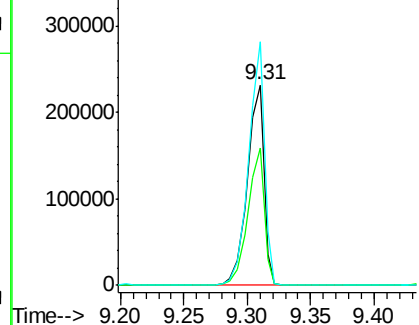
Tot Ion	Ratio	Lower	Upper
65	100		
92	68.5	55.8	83.6
138	121.5	91.2	136.8

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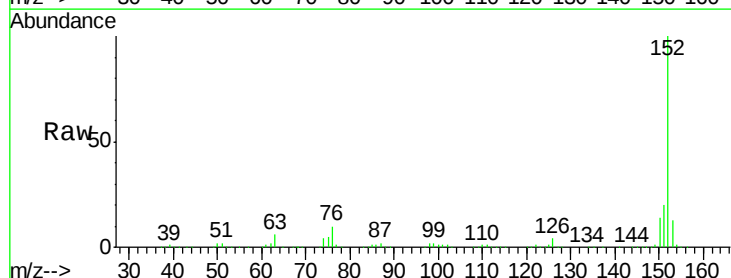


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

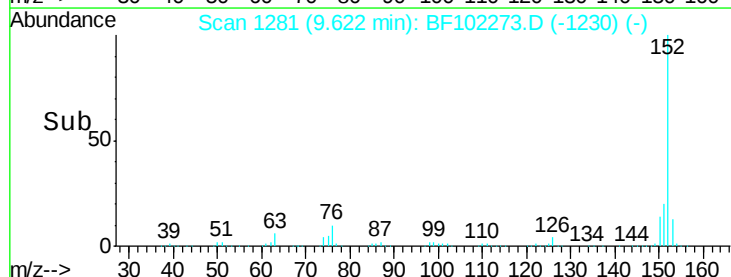
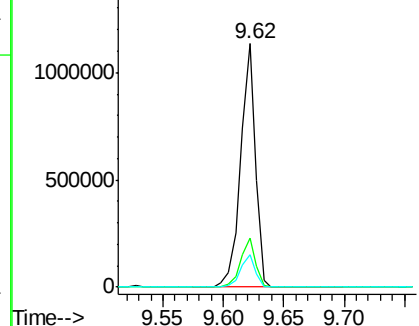


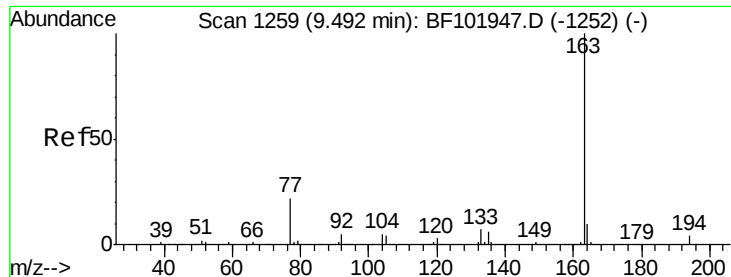
#48
Acenaphthylene
Concen: 35.63 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.1	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





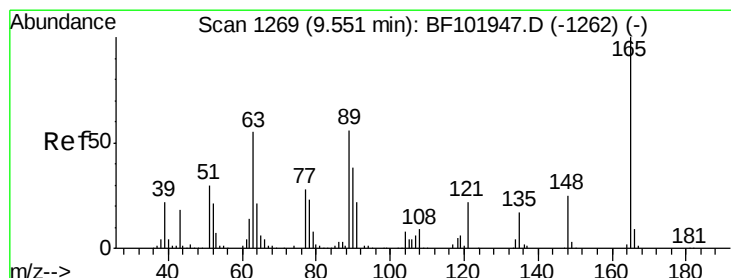
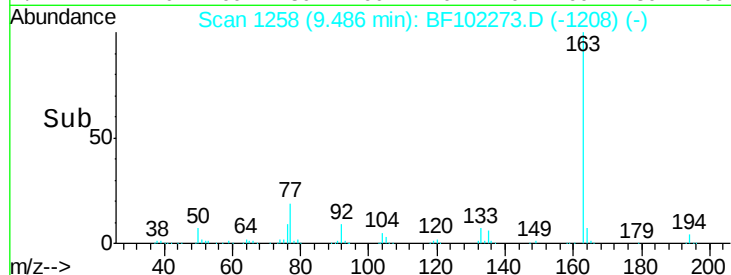
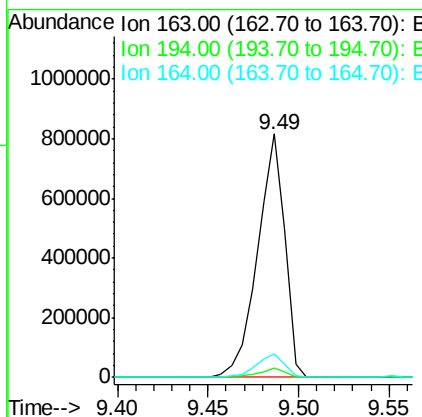
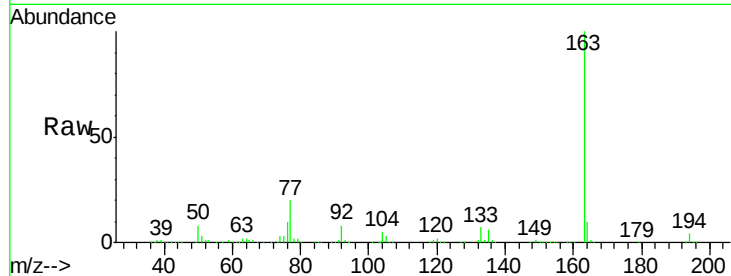
#49
Dimethylphthalate
Concen: 42.28 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	851926		
194	3.7		2.7	4.1
164	9.9		8.2	12.2

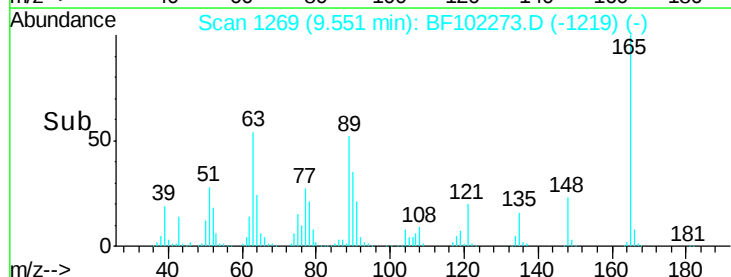
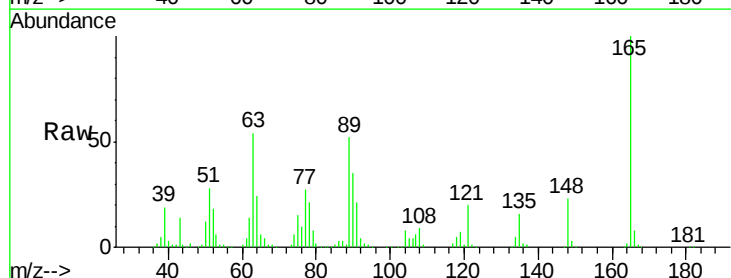
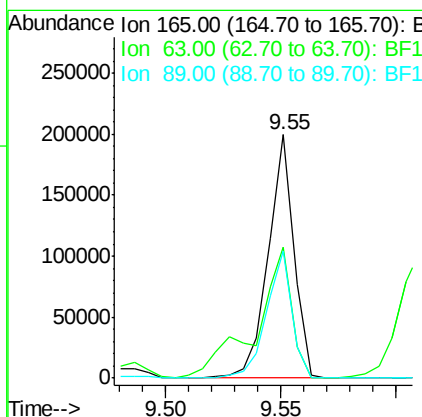
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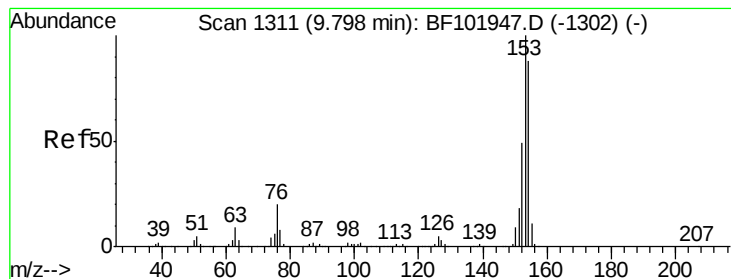
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#50
2,6-Dinitrotoluene
Concen: 38.43 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	154695		
63	53.5		44.7	67.1
89	52.2		44.0	66.0





#51

Acenaphthene

Concen: 32.77 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

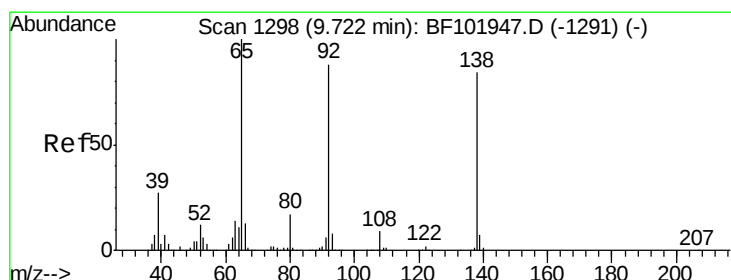
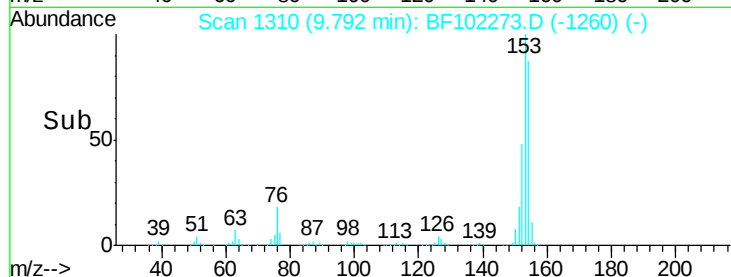
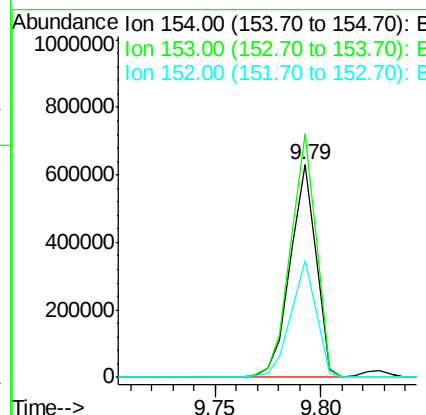
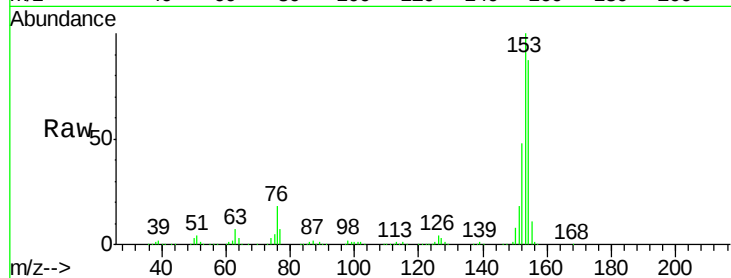
ClientSampleId :

COMP-5MSD

Tot Ion:	154	Resp:	543365
Ion Ratio	Lower	Upper	
154	100		
153	114.5	91.2	136.8
152	55.0	43.8	65.8

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#52

3-Nitroaniline

Concen: 29.19 ng

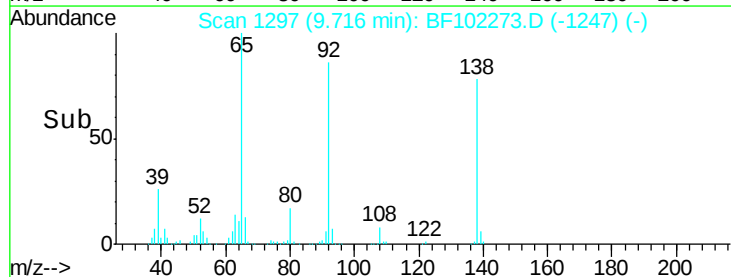
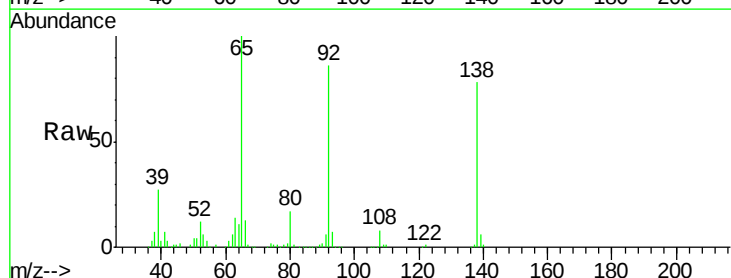
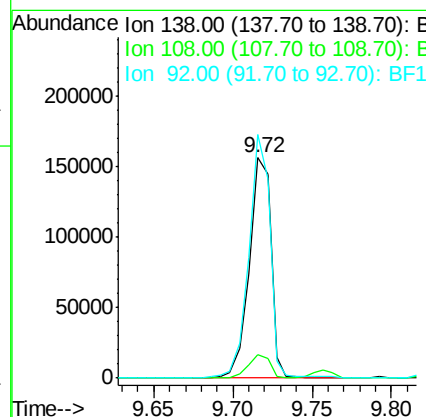
RT: 9.72 min Scan# 1297

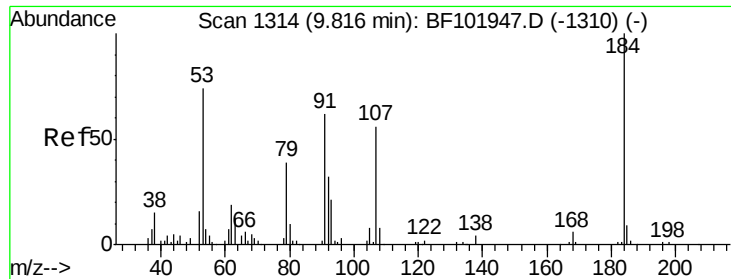
Delta R.T. -0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Tgt Ion:	138	Resp:	148282
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.0
92	110.6	89.4	134.2





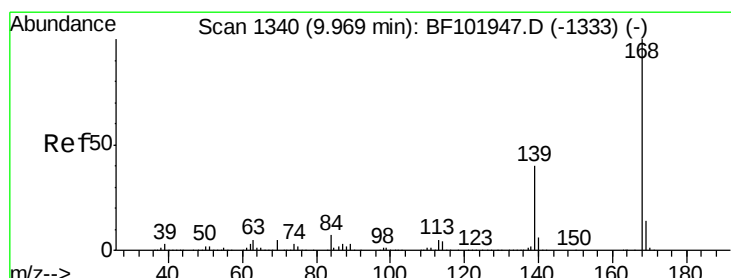
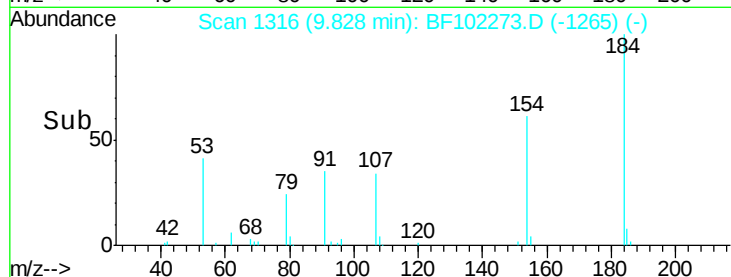
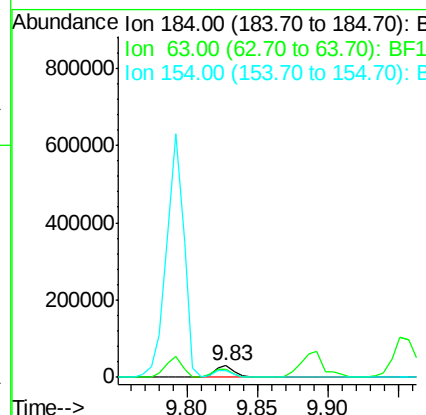
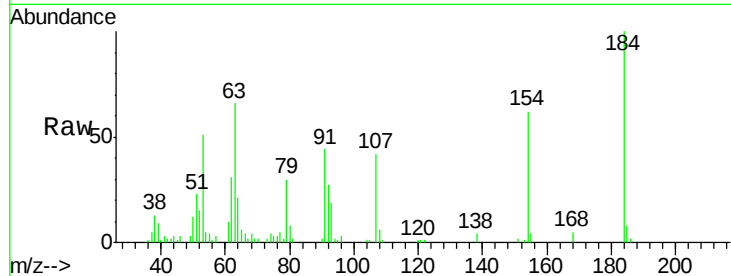
#53
2,4-Dinitrophenol
Concen: 26.70 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	66.1	54.2	81.2
154	62.5	184.0	276.0#

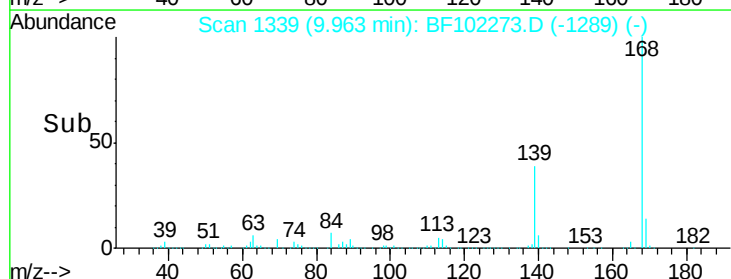
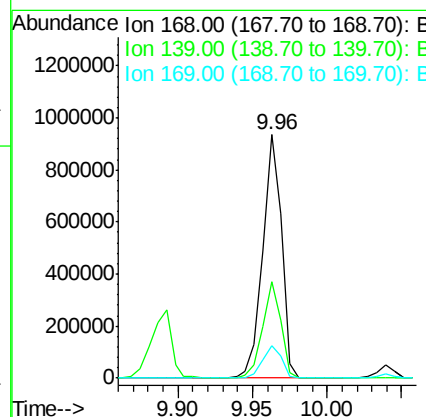
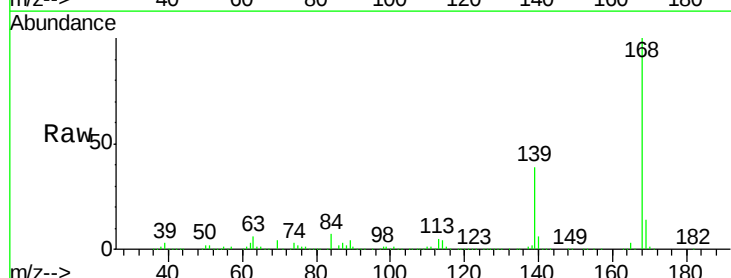
Manual Integrations
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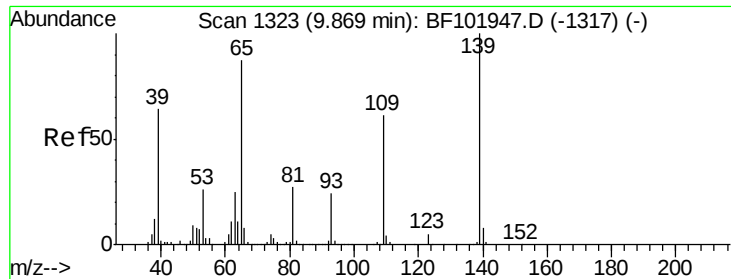
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#54
Dibenzofuran
Concen: 35.39 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.1	45.1
169	13.6	10.9	16.3





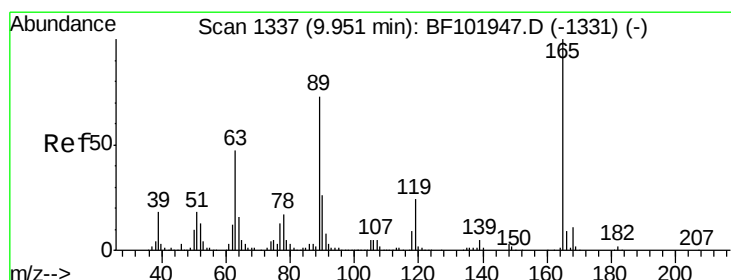
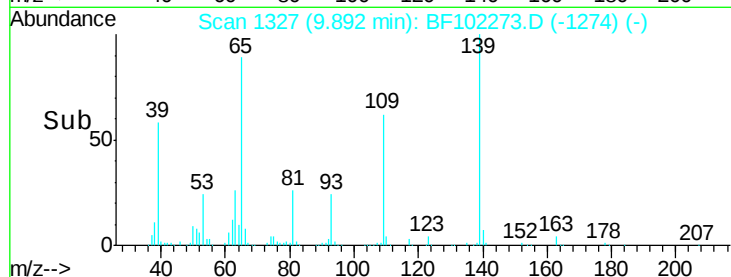
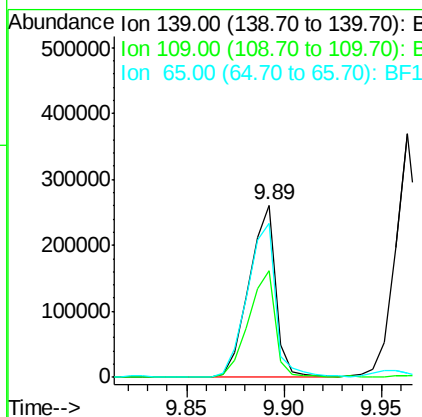
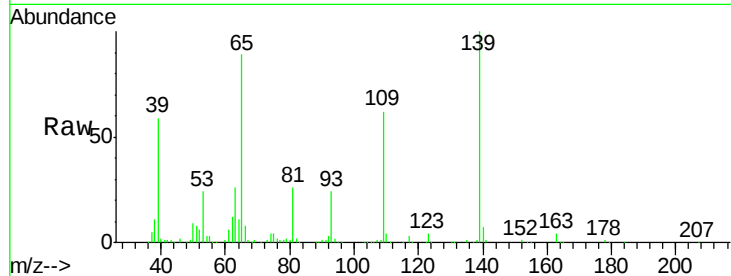
#55
4-Nitrophenol
Concen: 65.68 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	248631		
109	62.4	48.4	88.4	
65	89.3	72.6	112.6	

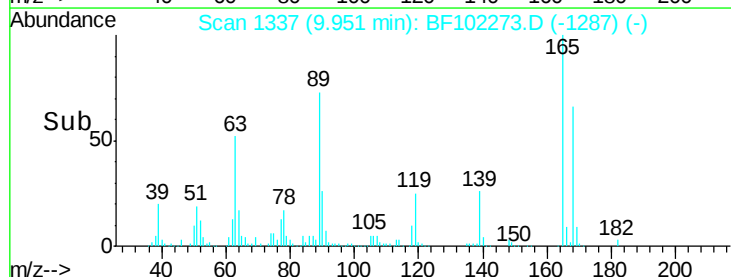
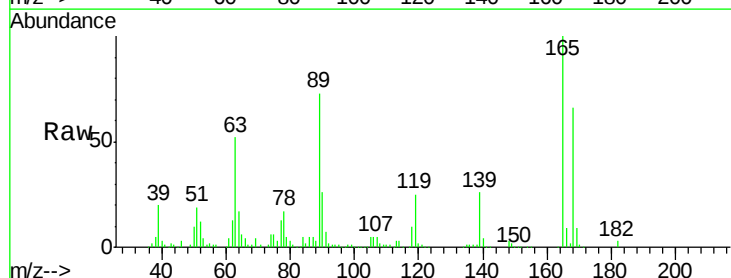
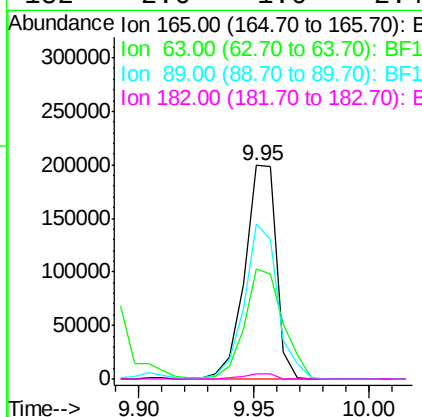
Manual Integrations
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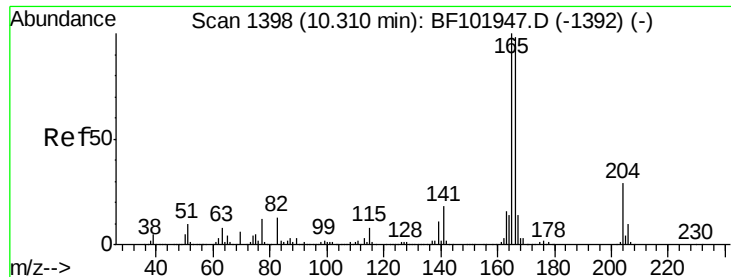
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1/22/2018 5:25:57 PM



#56
2,4-Dinitrotoluene
Concen: 37.76 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	190477		
63	51.8	36.4	54.6	
89	72.7	57.8	86.6	
182	2.6	1.6	2.4#	





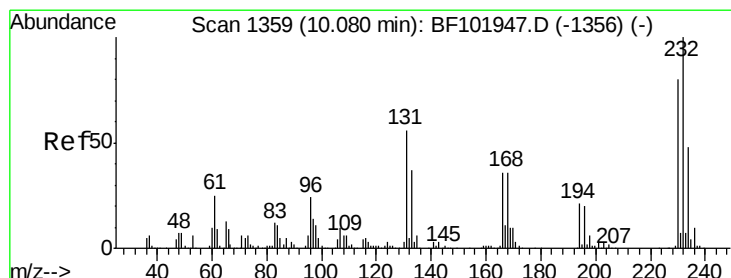
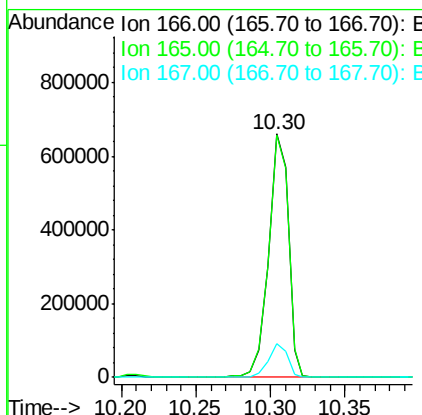
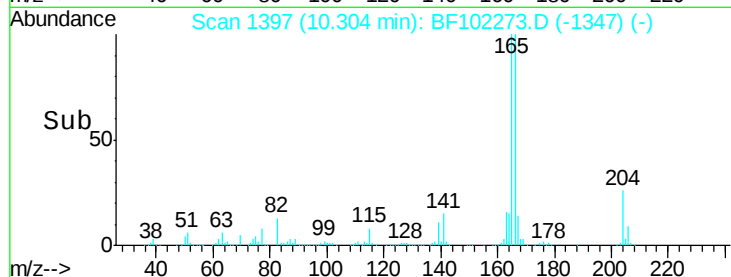
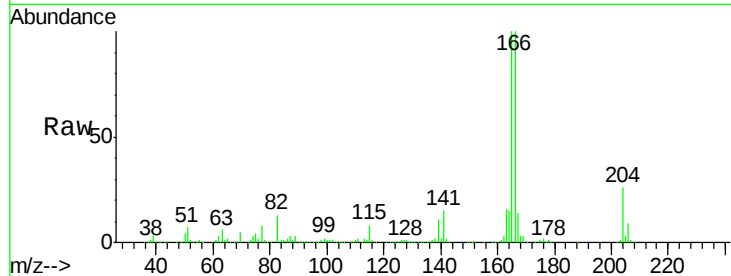
#57
Fluorene
 Concen: 38.43 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.8	119.8
167	13.7	10.6	16.0

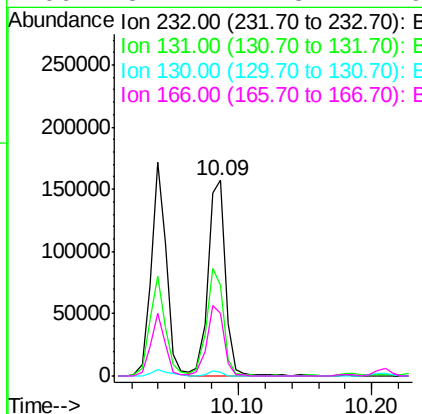
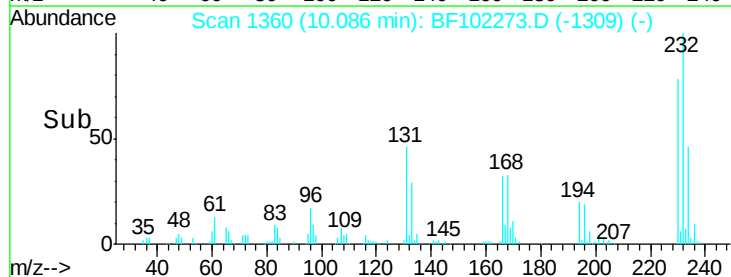
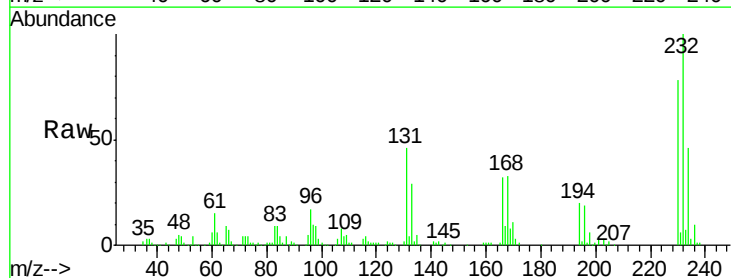
Manual Integrations
 APPROVED

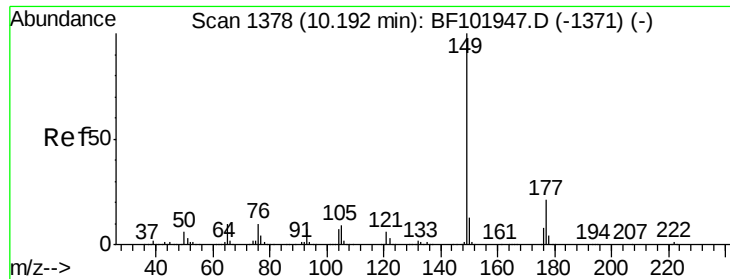
Sohil
 1/22/2018 5:25:57 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.72 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.8	43.8	65.8
130	2.4	2.1	3.1
166	34.7	27.8	41.6





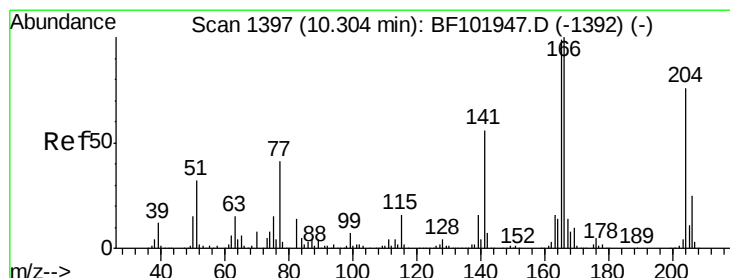
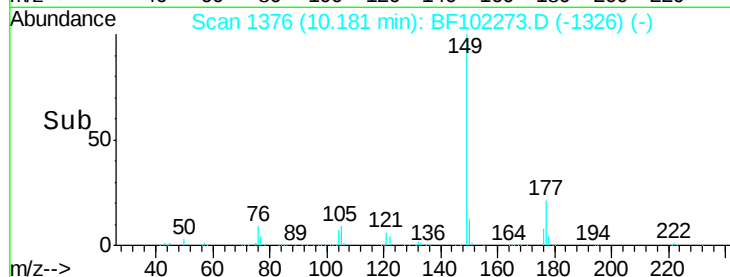
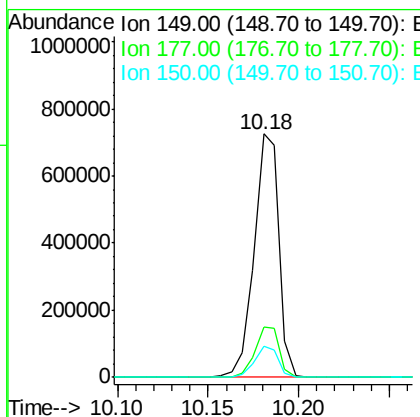
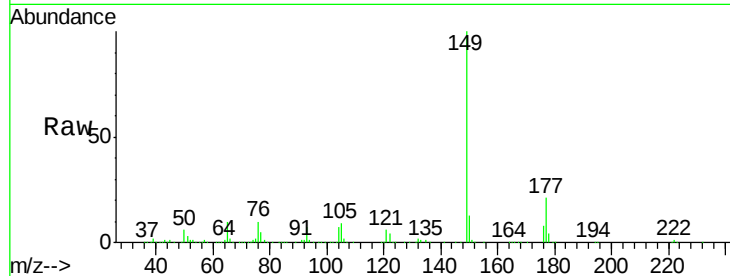
#59
Diethylphthalate
Concen: 34.29 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.1	24.1
150	12.6	10.1	15.1

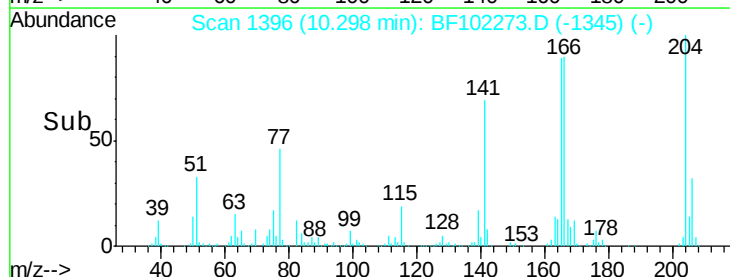
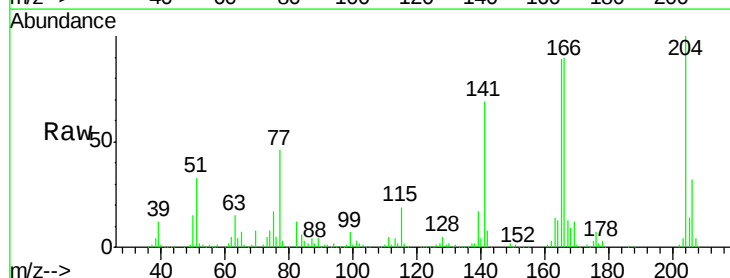
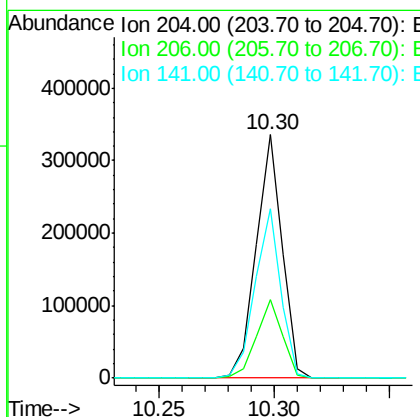
Manual Integrations
APPROVED

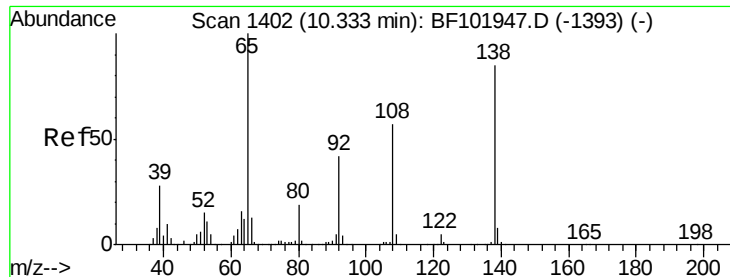
Sohil
1/22/2018 5:25:57 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.53 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	69.4	54.6	81.8





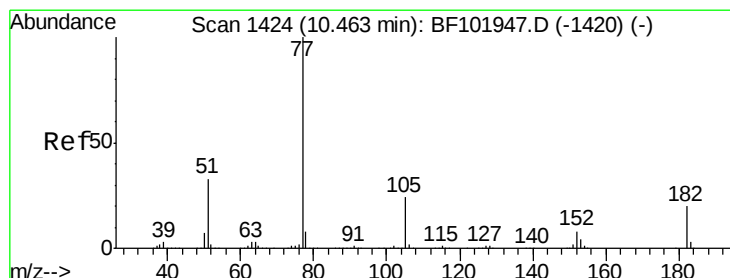
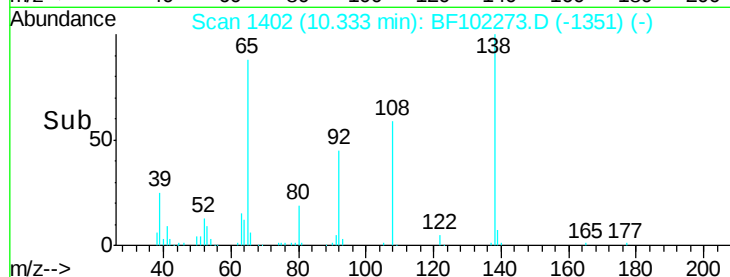
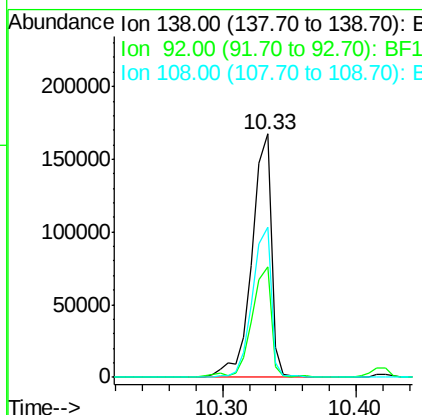
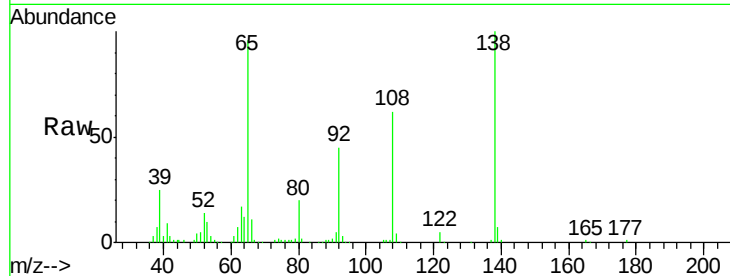
#61
4-Nitroaniline
Concen: 34.53 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.2	30.2	70.2
108	61.9	52.5	92.5

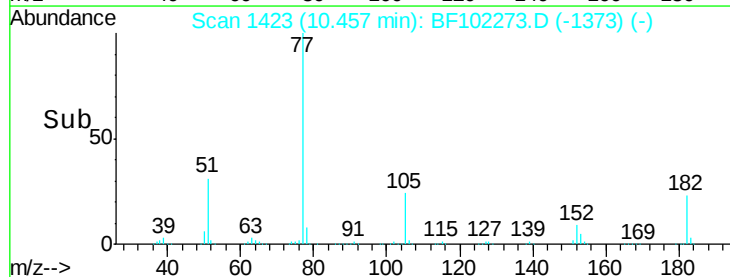
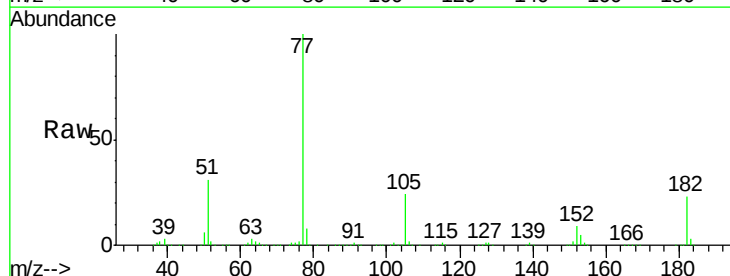
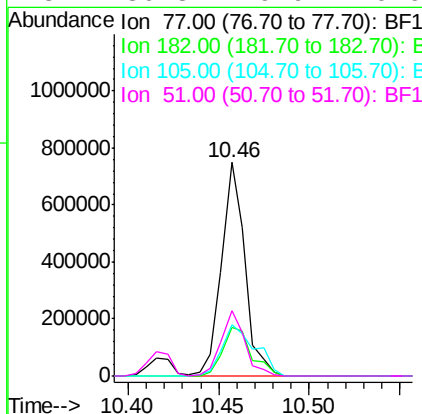
Manual Integrations
APPROVED

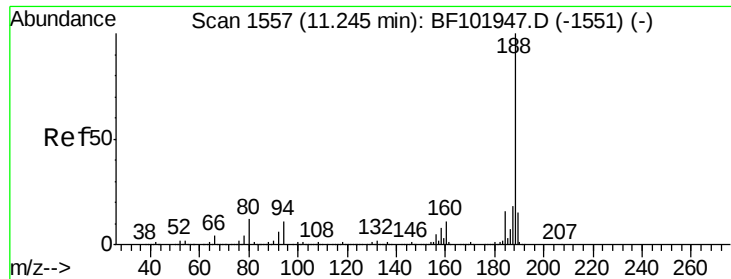
Sohil
1/22/2018 5:25:57 PM



#62
Azobenzene
Concen: 33.73 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.9	1.7	41.7
105	24.1	3.0	43.0
51	30.8	9.9	49.9





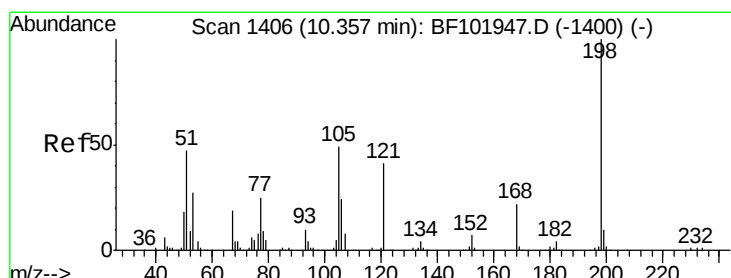
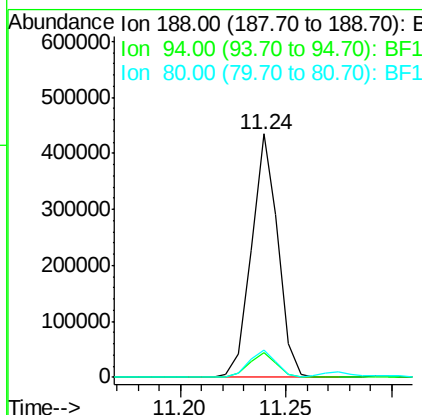
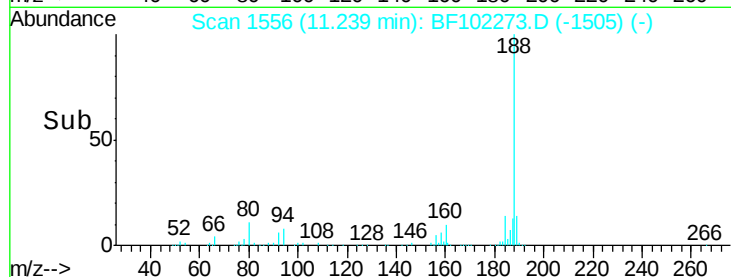
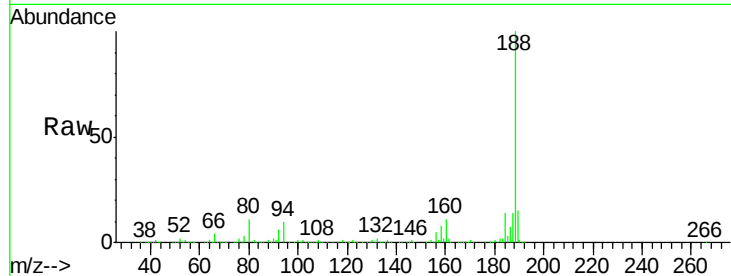
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampled :
COMP-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	377349		
94	10.3		8.5	12.7
80	11.5		9.2	13.8

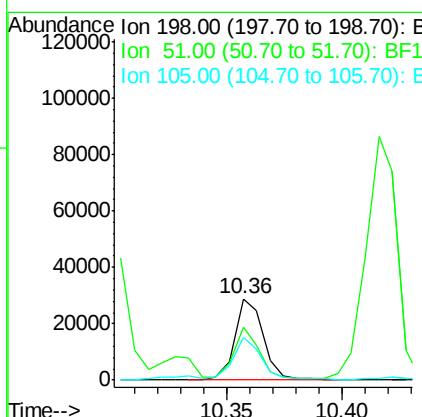
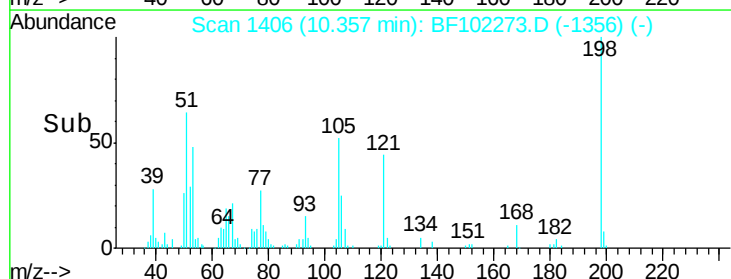
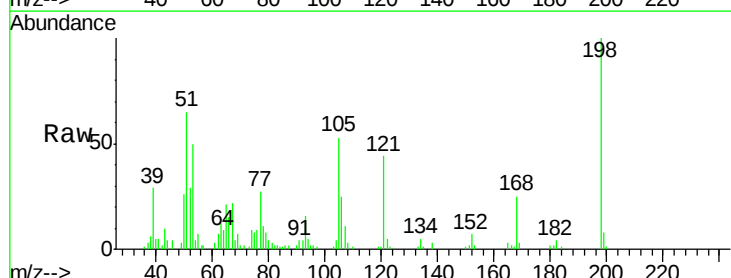
Manual Integrations
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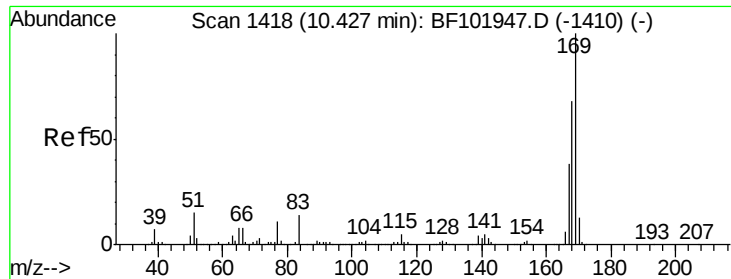
Sohil
1/22/2018 5:25:57 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 16.39 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	24927		
51	65.0		37.7	77.7
105	53.3		36.3	76.3





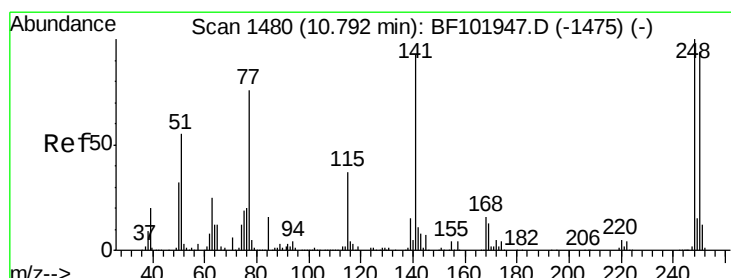
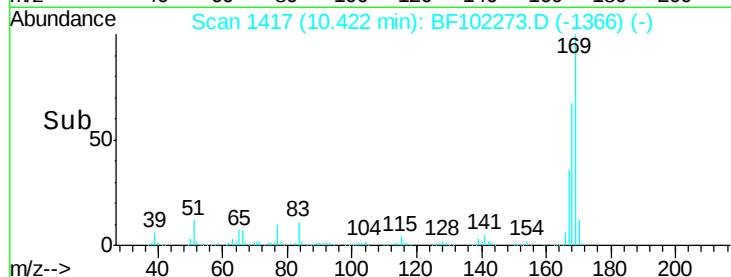
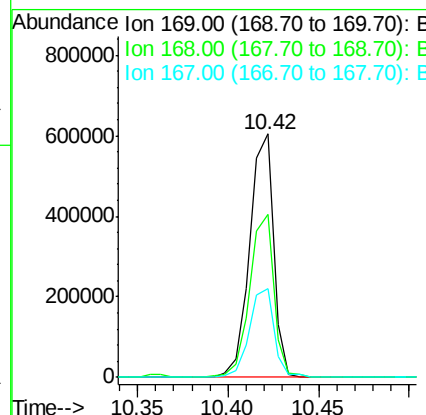
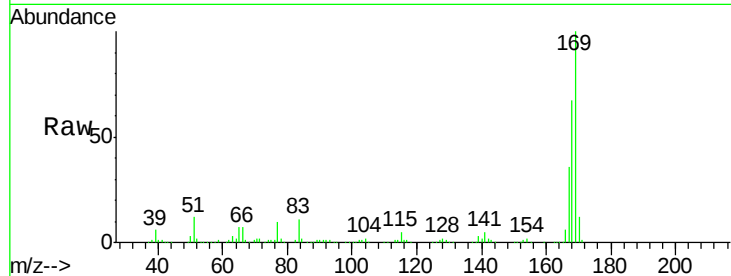
#65
 n-Nitrosodiphenylamine
 Concen: 39.17 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.4	81.6
167	36.2	29.8	44.6

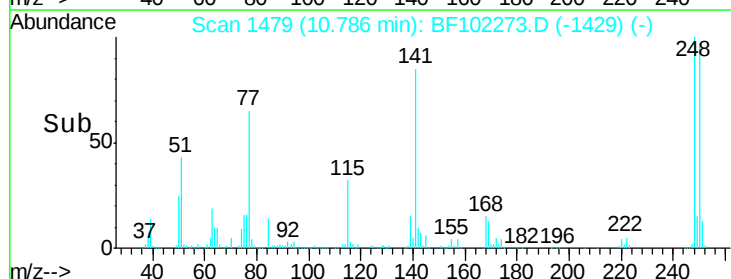
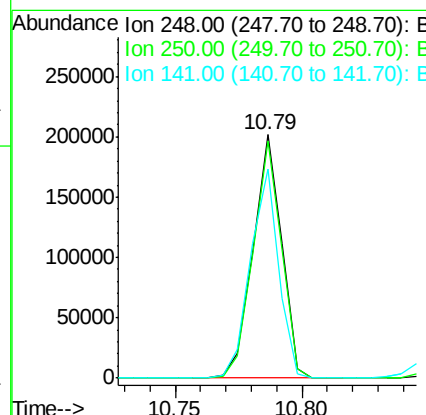
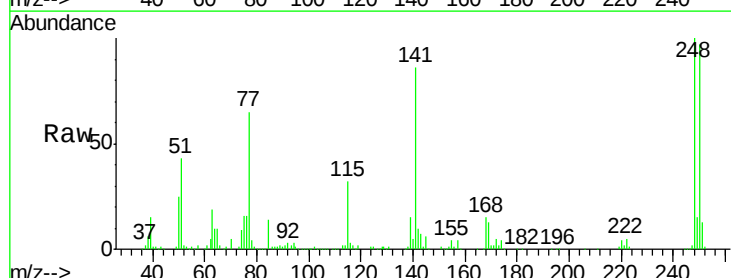
Manual Integrations
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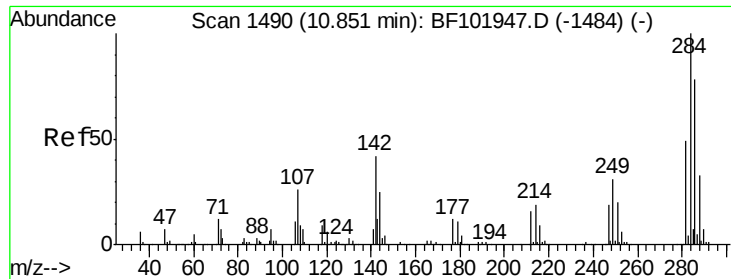
Sohil
 1/22/2018 5:25:57 PM



#66
 4-Bromophenyl-phenylether
 Concen: 39.83 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.9	115.3
141	85.6	74.4	111.6





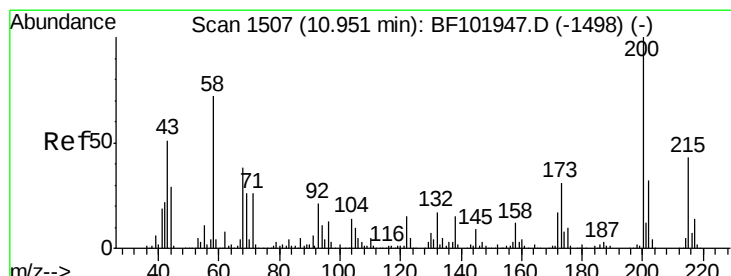
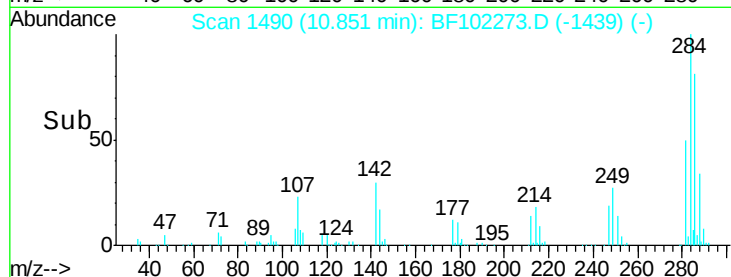
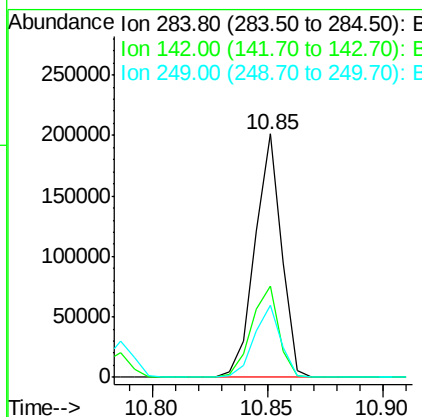
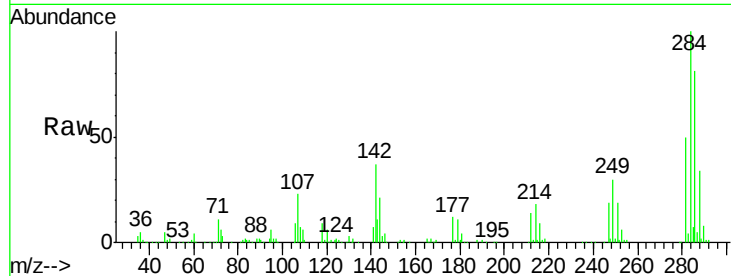
#67
Hexachlorobenzene
Concen: 37.11 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.4	34.6	52.0
249	29.6	24.8	37.2

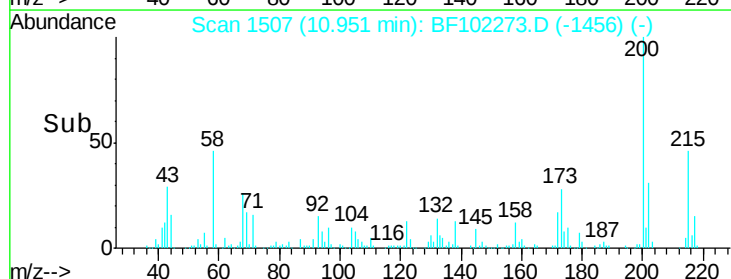
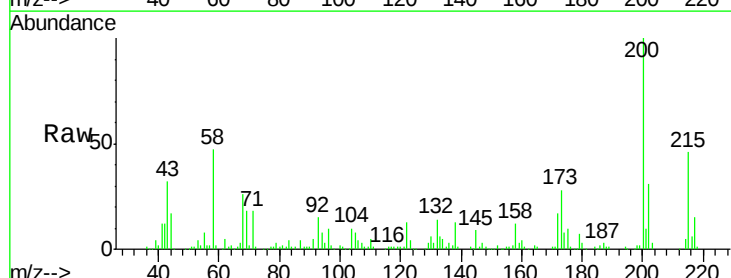
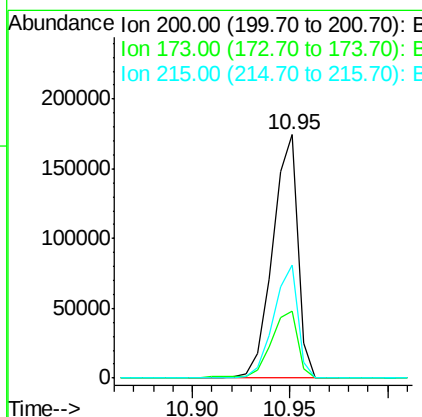
Manual Integrations
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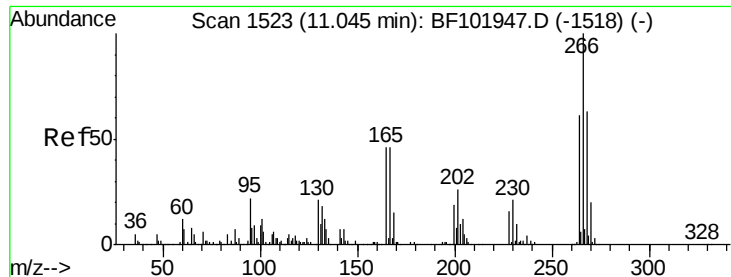
Sohil
1/22/2018 5:25:57 PM



#68
Atrazine
Concen: 38.15 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.7	8.6	48.6
215	46.2	25.1	65.1





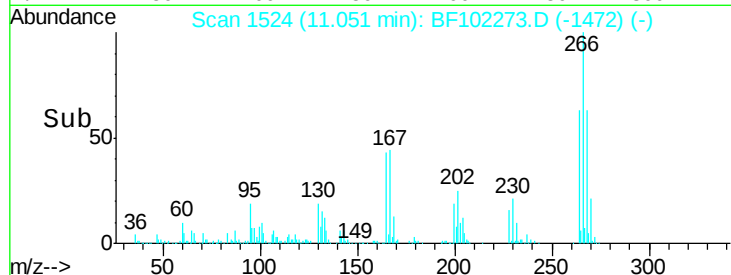
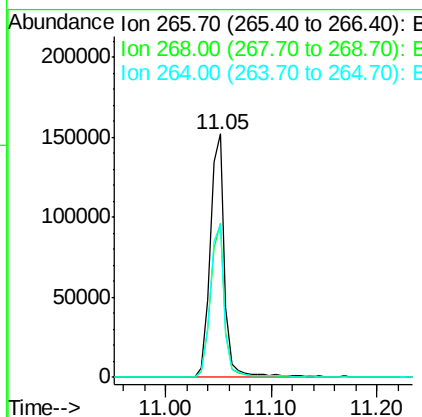
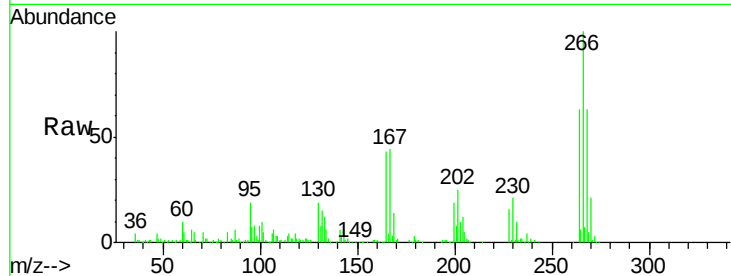
#69
 Pentachlorophenol
 Concen: 55.28 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	146644		
268	63.4	51.1	76.7	
264	62.6	49.5	74.3	

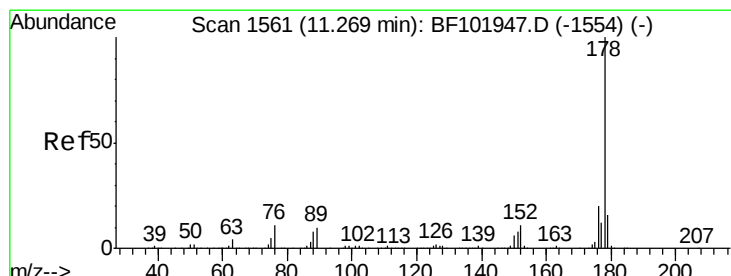
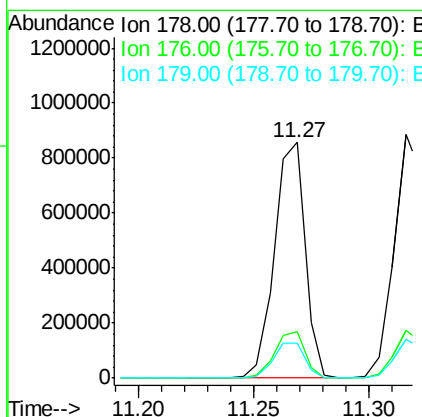
Manual Integrations
 APPROVED

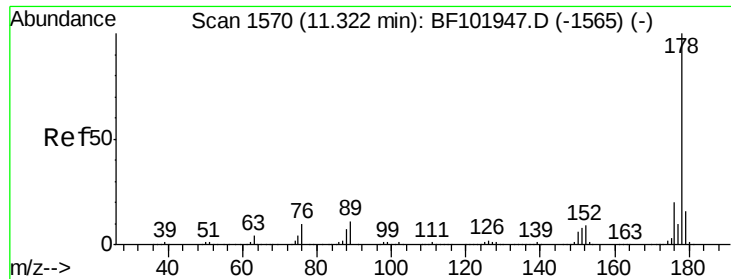
Sohil
 1/22/2018 5:25:57 PM



#70
 Phenanthrene
 Concen: 35.69 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	786772		
176	19.5	15.8	23.8	
179	15.0	13.0	19.6	





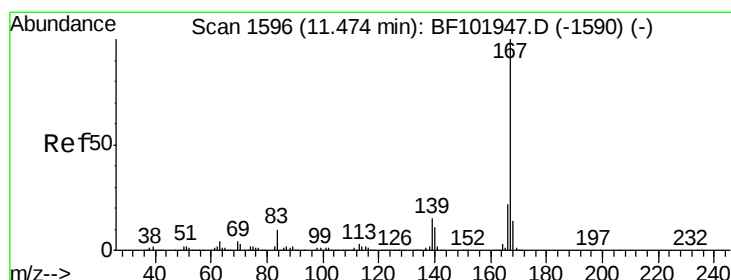
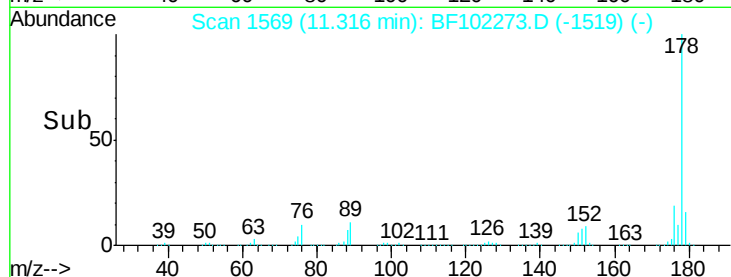
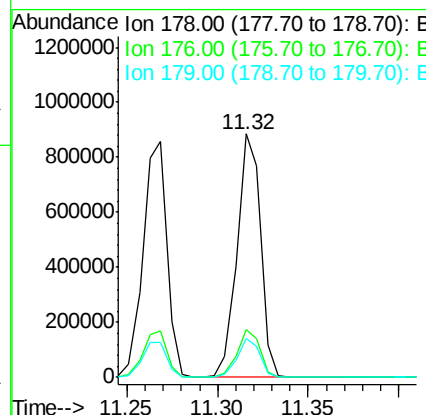
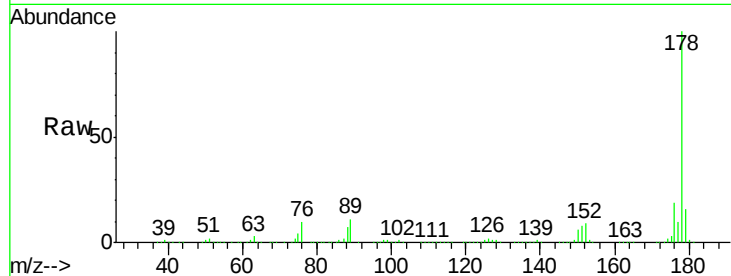
#71
 Anthracene
 Concen: 35.82 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.2	12.6	19.0

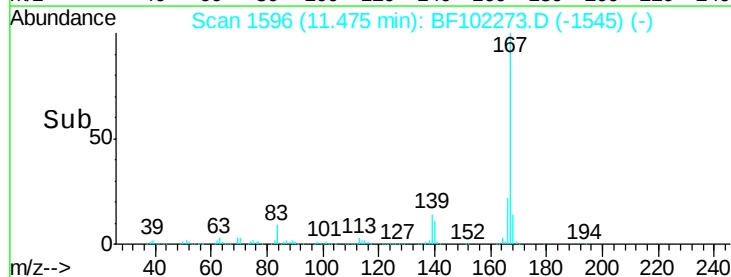
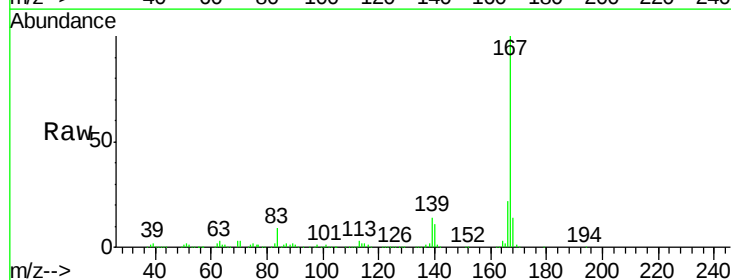
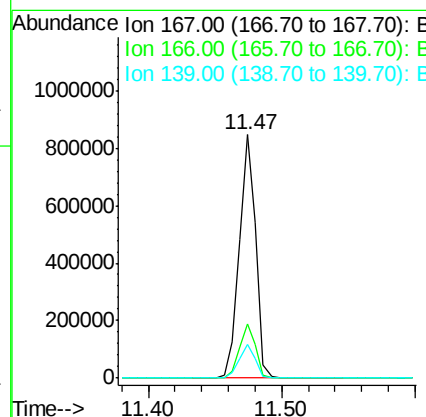
Manual Integrations
 APPROVED

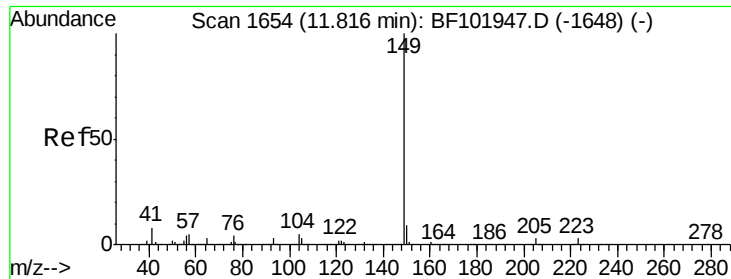
Sohil
 1/22/2018 5:25:57 PM



#72
 Carbazole
 Concen: 33.23 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 35.97 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

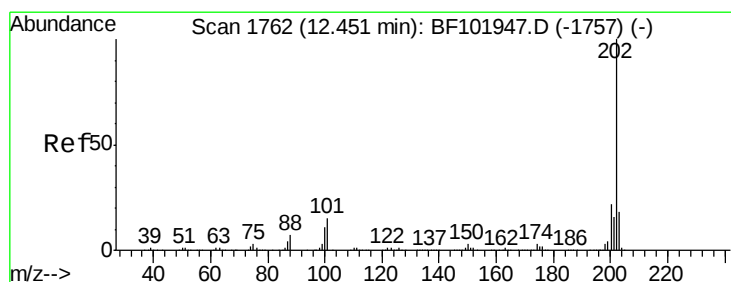
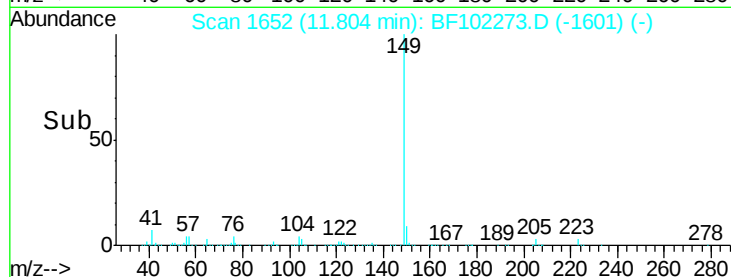
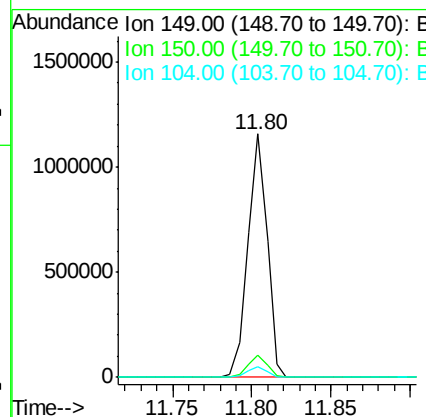
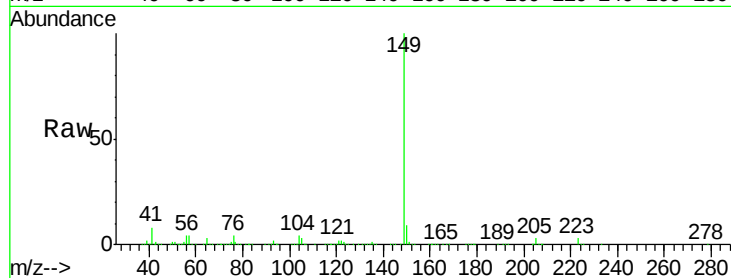
ClientSampleId :

COMP-5MSD

Tot Ion:	149	Resp:	969585
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.5	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 33.73 ng

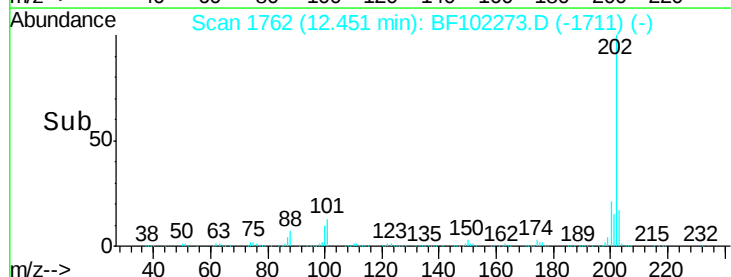
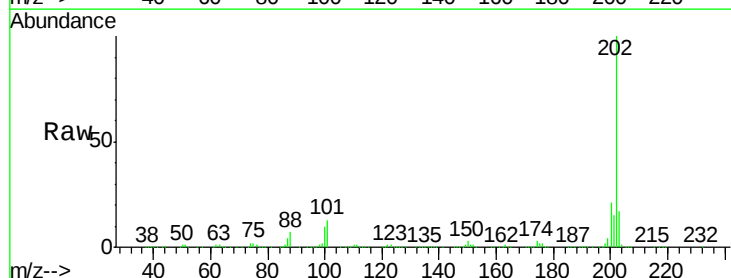
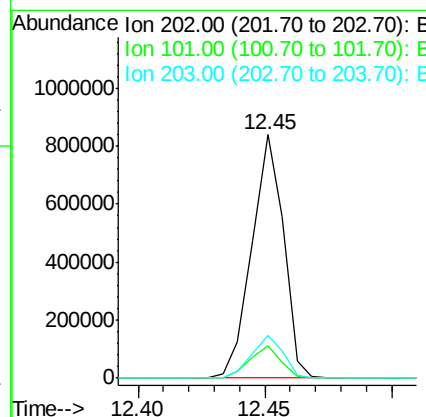
RT: 12.45 min Scan# 1762

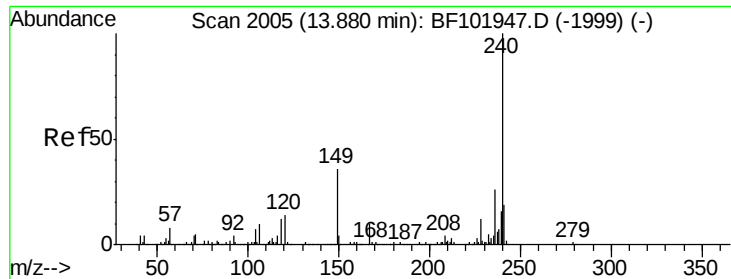
Delta R.T. 0.00 min

Lab File: BF102273.D

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Tgt Ion:	202	Resp:	731586
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	34.1
203	17.4	0.0	38.1





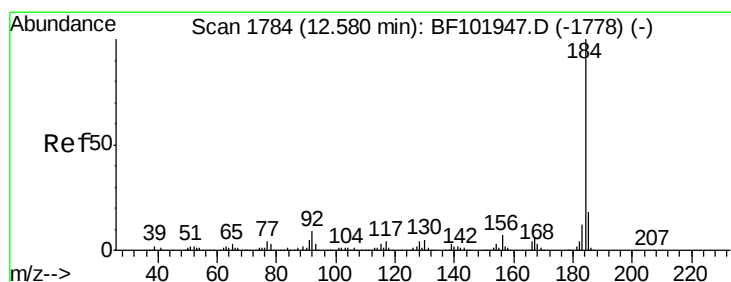
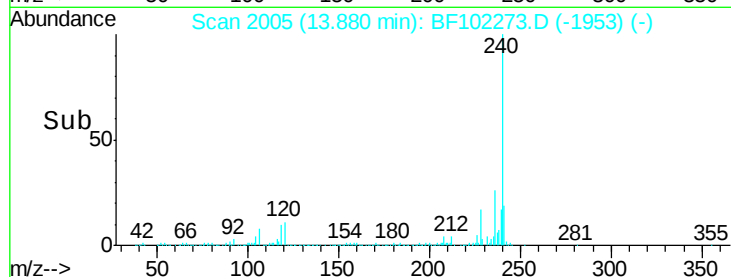
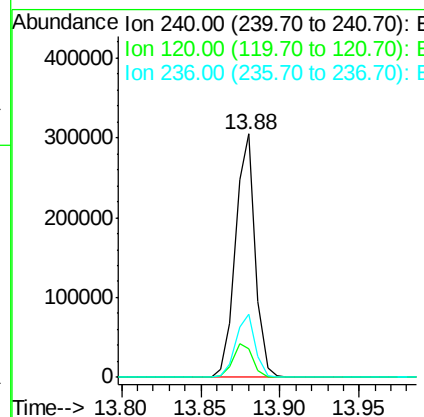
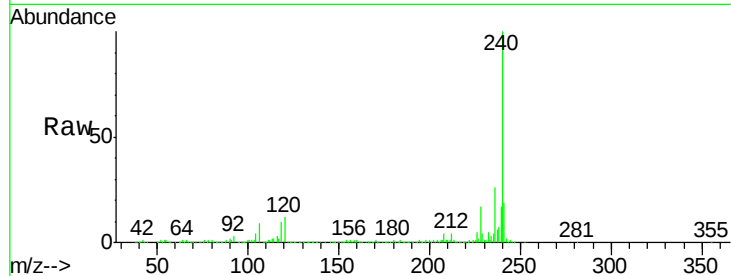
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	26.2	20.7	31.1

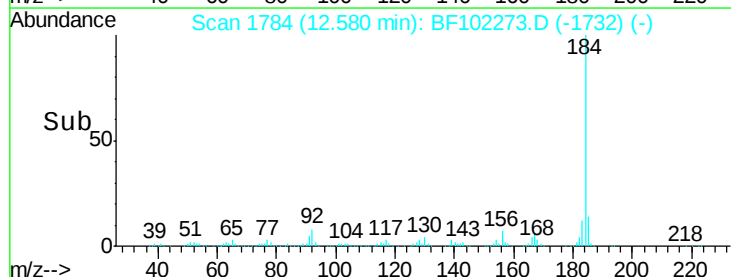
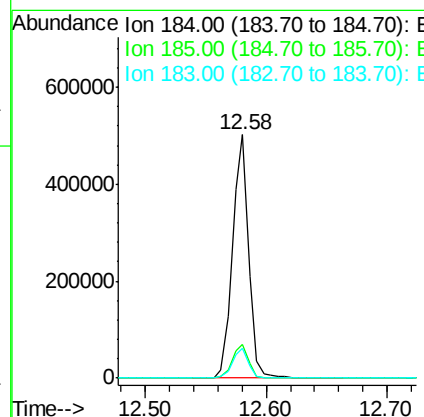
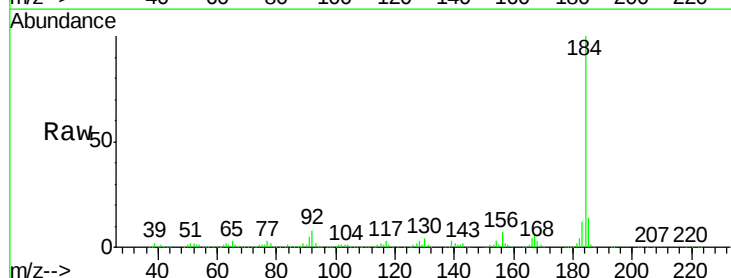
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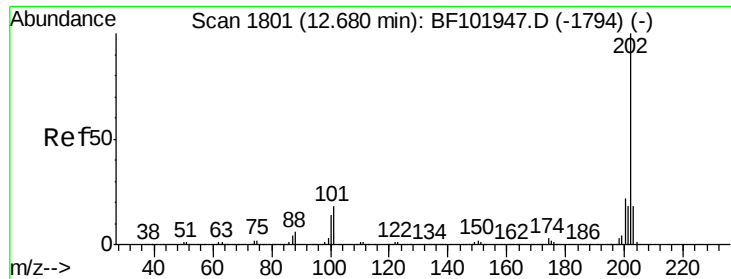
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#76
Benzidine
Concen: 36.68 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.6	18.8
183	12.3	9.3	13.9





#77

Pvrene

Concen: 32.63 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

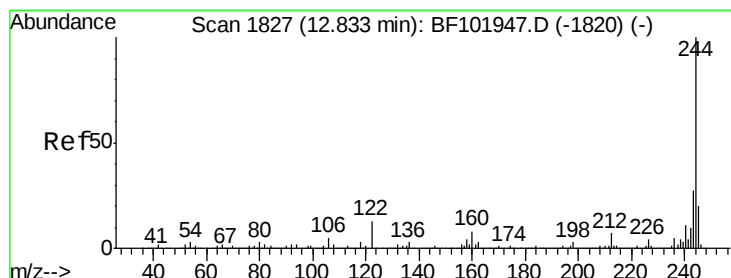
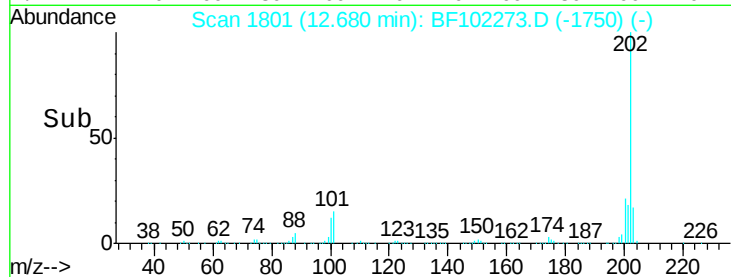
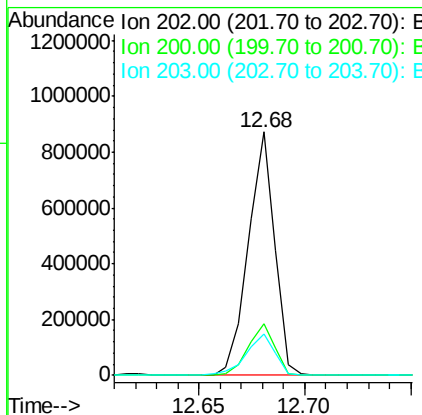
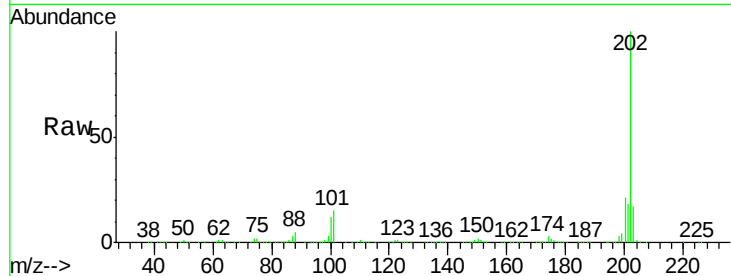
ClientSampleId :

COMP-5MSD

Tot Ion:	202	Resp:	755397
Ion Ratio		Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 68.01 ng

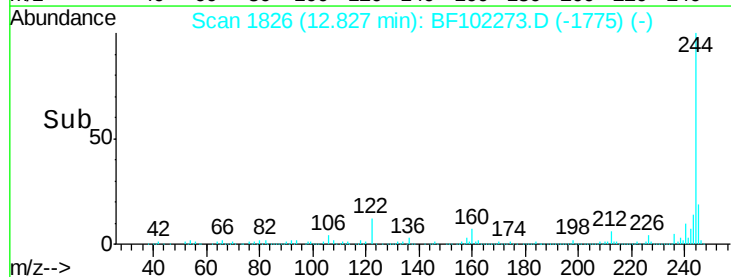
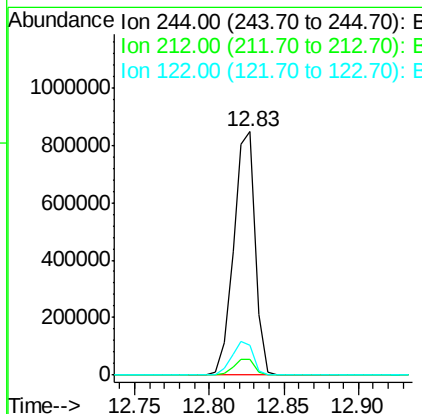
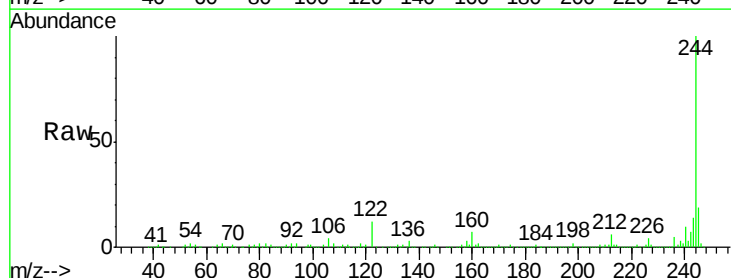
RT: 12.83 min Scan# 1826

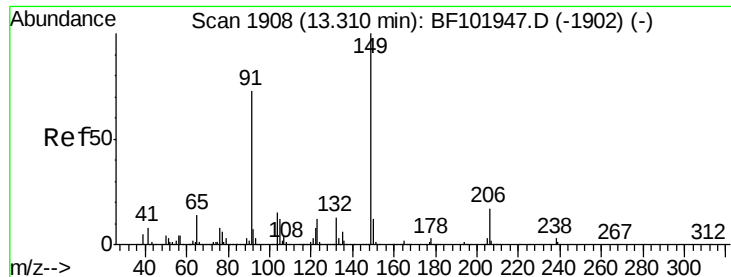
Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Tgt Ion:	244	Resp:	857885
Ion Ratio		Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.4	11.0	16.4





#79

Butylbenzylphthalate

Concen: 32.41 ng

RT: 13.30 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

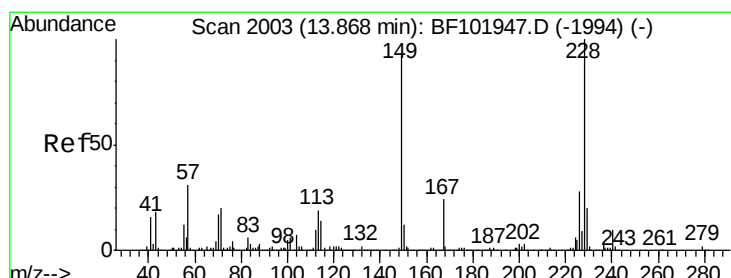
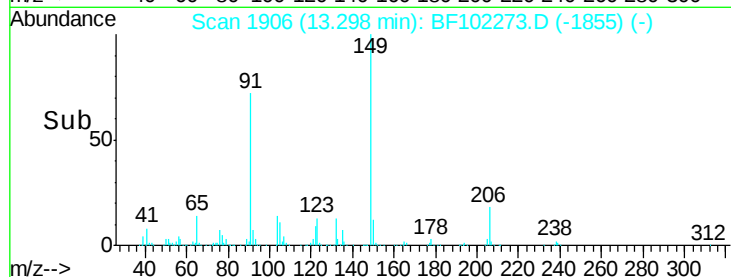
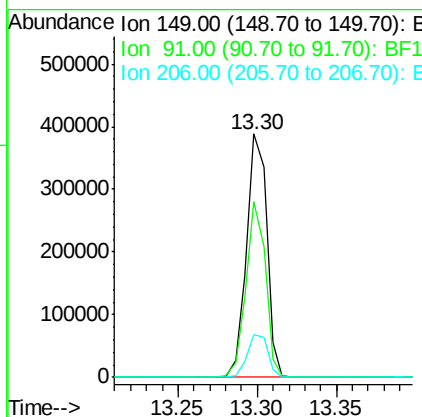
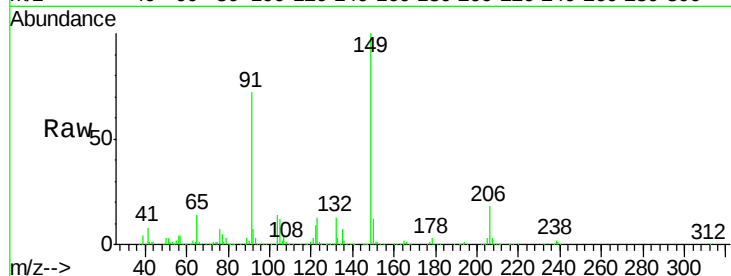
ClientSampleId :

COMP-5MSD

Tot Ion:	149	Resp:	344295
Ion Ratio	Lower	Upper	
149	100		
91	72.3	56.8	85.2
206	17.6	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 37.14 ng

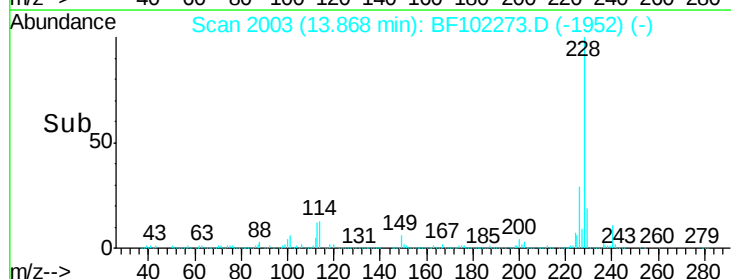
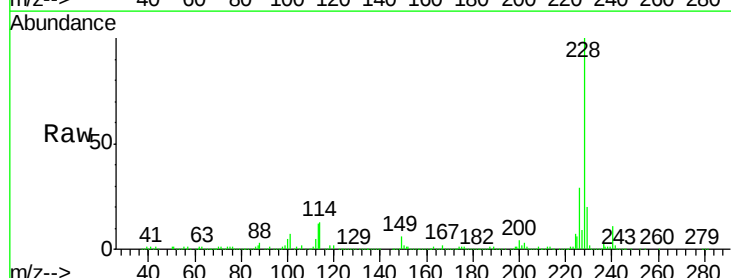
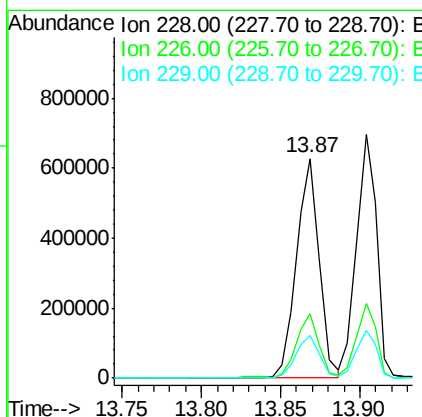
RT: 13.87 min Scan# 2003

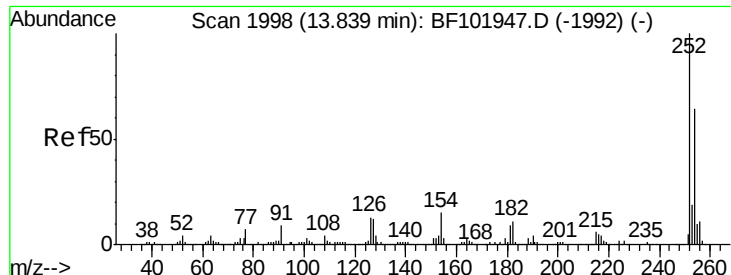
Delta R.T. 0.00 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Tgt Ion:	228	Resp:	620532
Ion Ratio	Lower	Upper	
228	100		
226	29.1	22.6	33.8
229	19.5	15.8	23.6





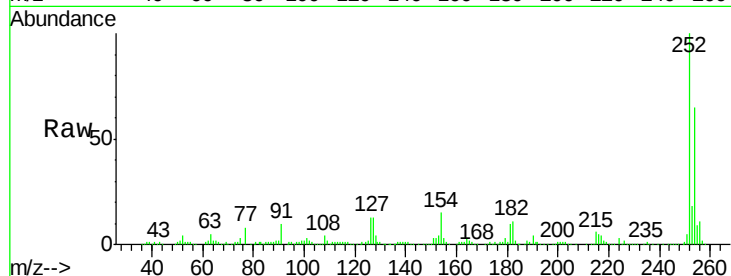
#81
 3,3'-Dichlorobenzidine
 Concen: 36.85 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5MSD

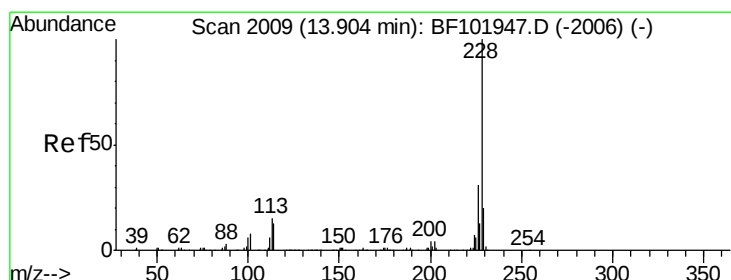
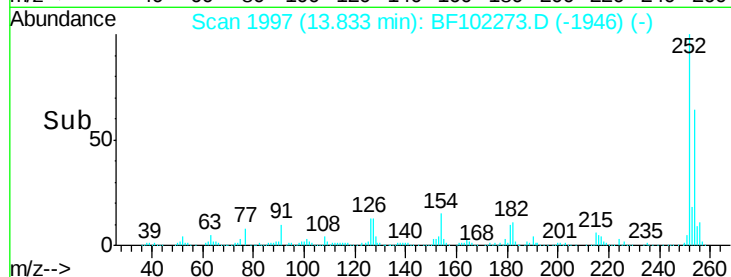
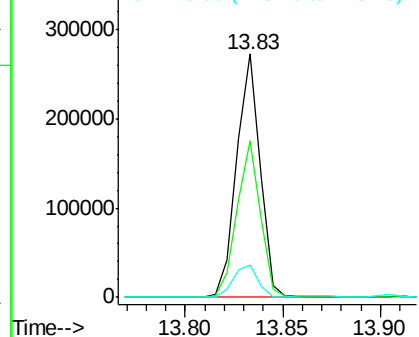
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.5	50.4	75.6
126	13.1	11.3	16.9

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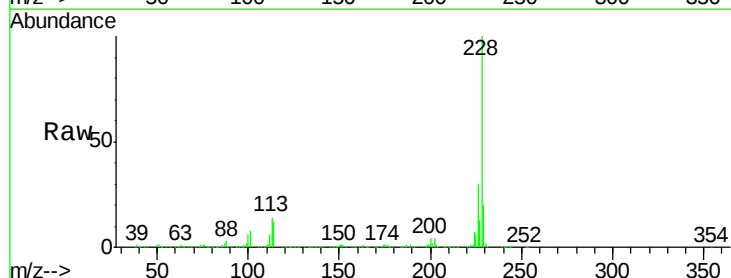


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

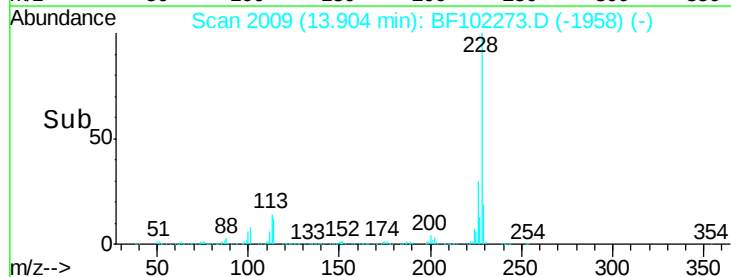
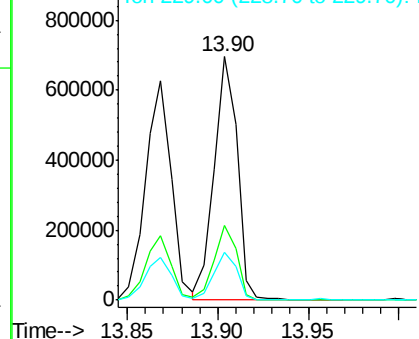


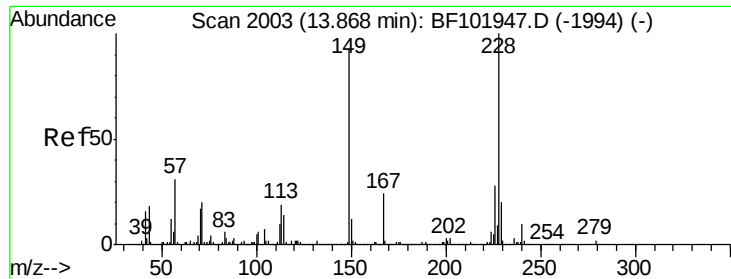
#82
 Chrysene
 Concen: 35.15 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.7	16.2	24.4



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





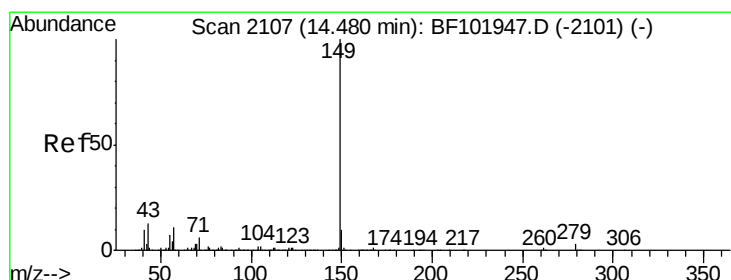
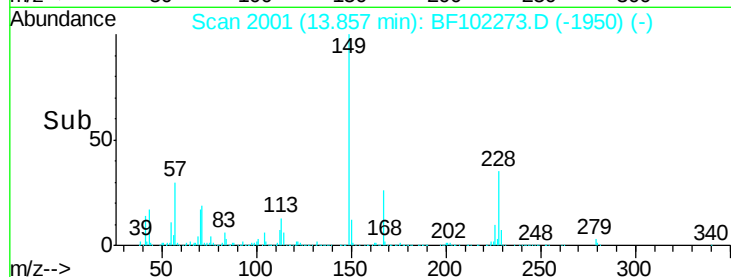
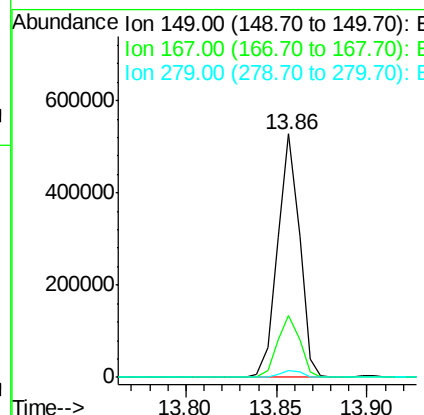
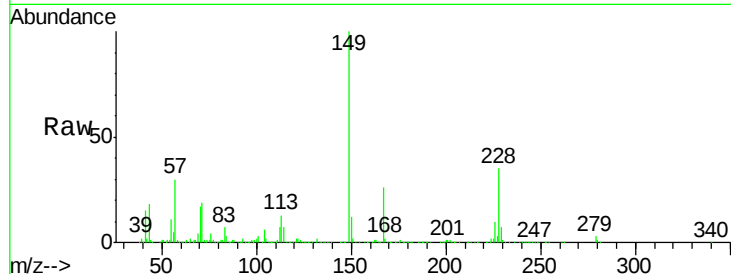
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.46 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	444358		
167	25.5	21.3	31.9	
279	3.0	3.0	4.4	

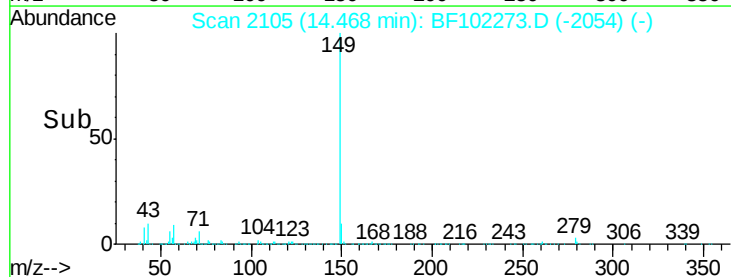
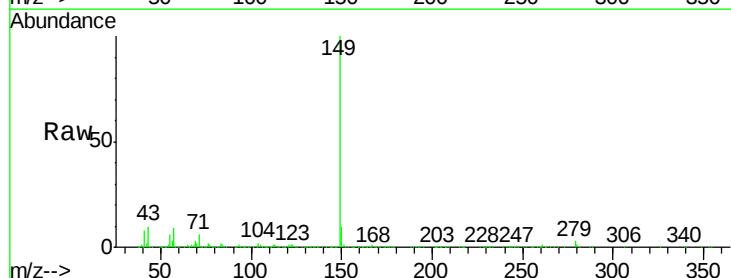
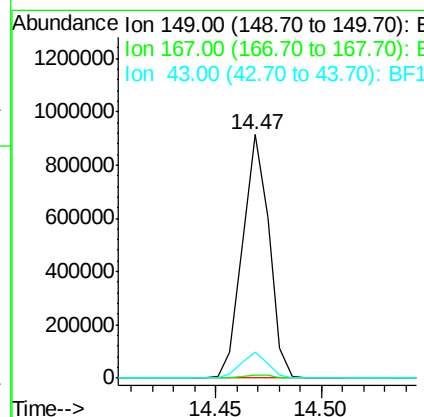
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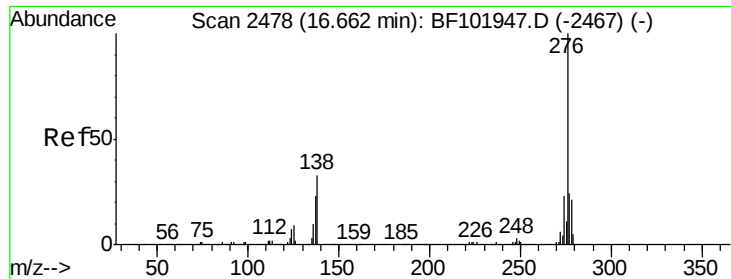
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#84
 Di-n-octyl phthalate
 Concen: 39.18 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BF102273.D
 Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	792390		
167	1.6	1.2	1.8	
43	10.3	8.4	12.6	





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.06 ng

RT: 16.69 min Scan# 2482

Delta R.T. 0.01 min

Lab File: BF102273.D

Acq: 20 Jan 2018 18:35

Instrument :

BNA_F

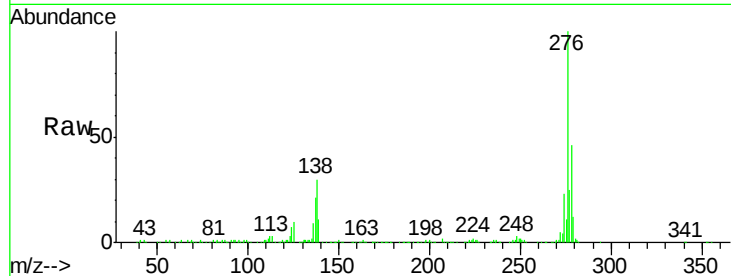
ClientSampleId :

COMP-5MSD

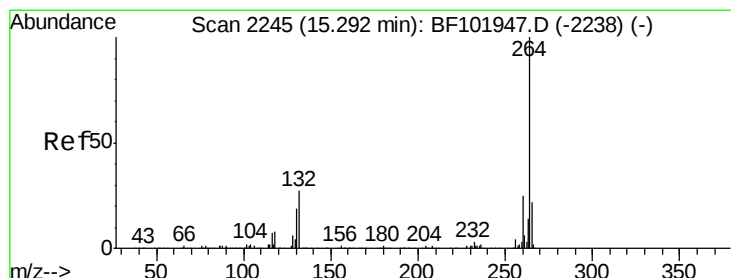
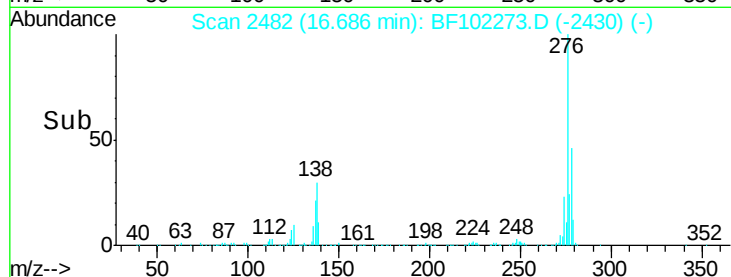
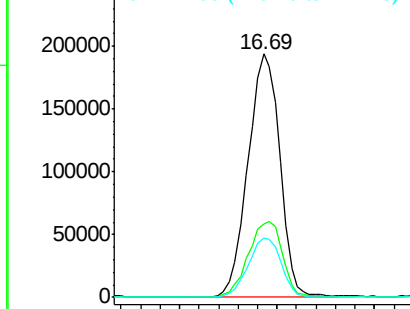
Tot Ion:	276	Resp:	444577
Ion Ratio	Lower	Upper	
276	100		
138	32.9	25.0	37.6
277	25.3	20.1	30.1

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

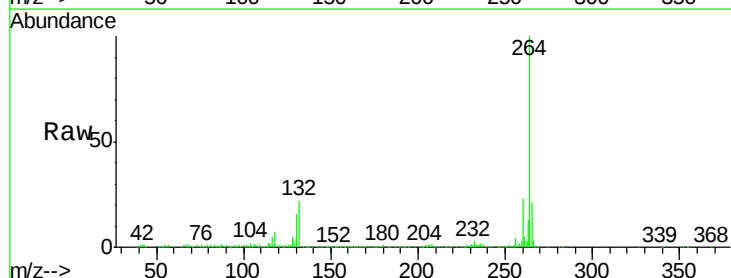
RT: 15.30 min Scan# 2246

Delta R.T. 0.01 min

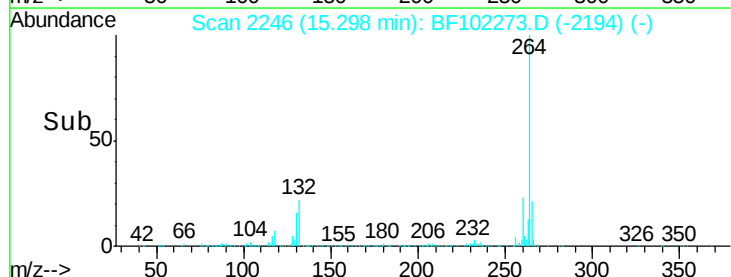
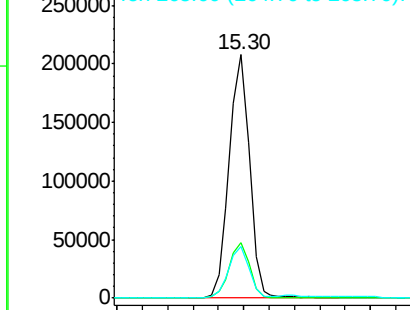
Lab File: BF102273.D

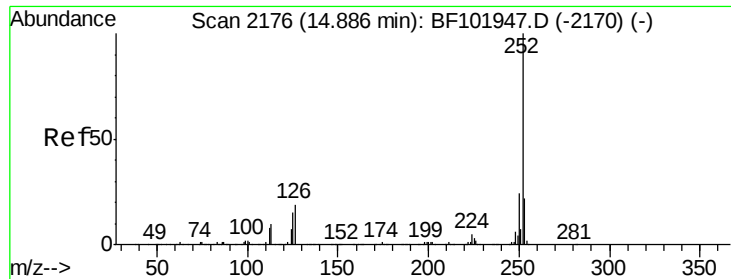
Acq: 20 Jan 2018 18:35

Tgt Ion:	264	Resp:	232884
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.2	28.8
265	21.4	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





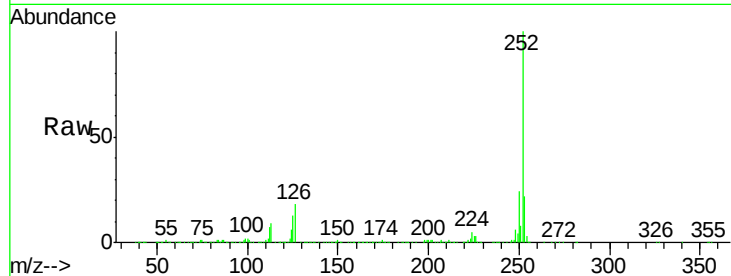
#87
Benzo(b)fluoranthene
Concen: 41.46 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

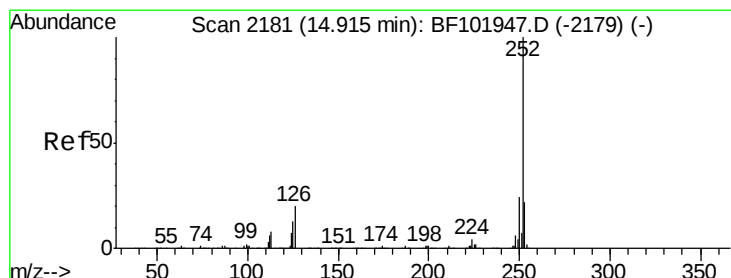
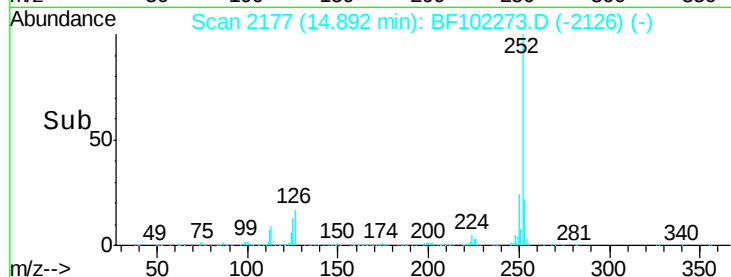
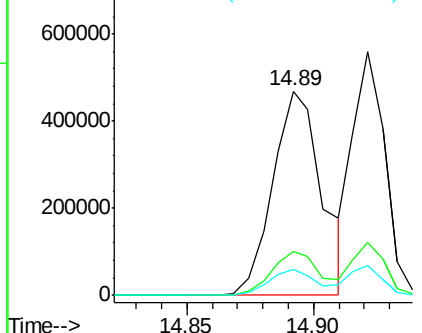
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	13.0	9.0	13.6

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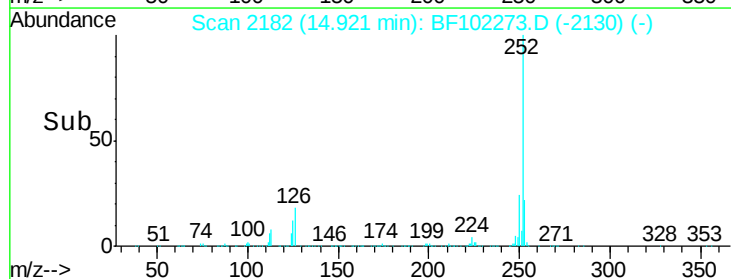
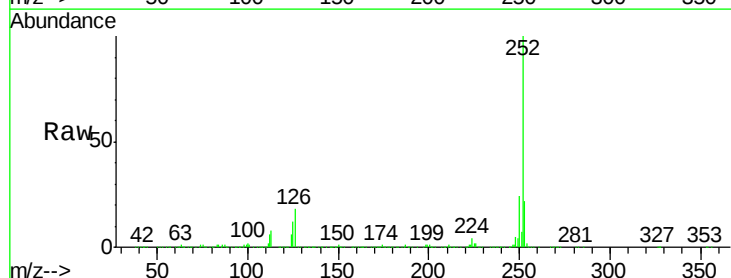
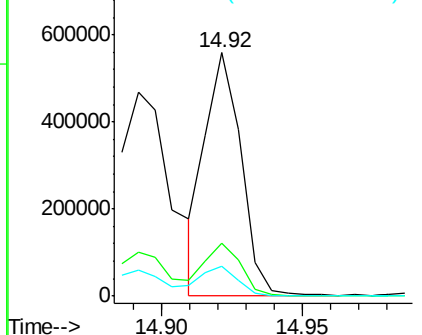
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

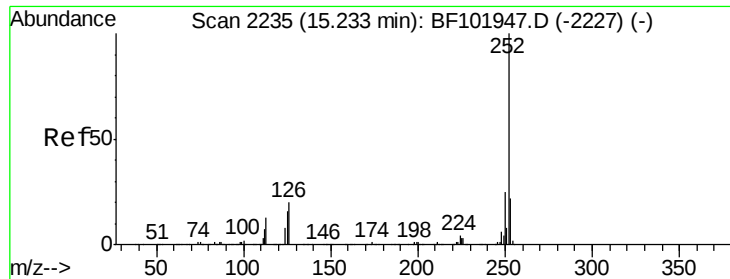


#88
Benzo(k)fluoranthene
Concen: 33.73 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	12.2	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





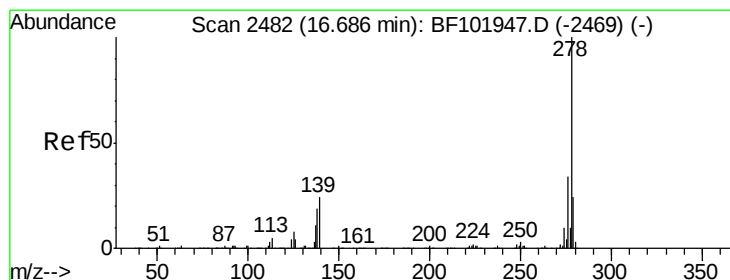
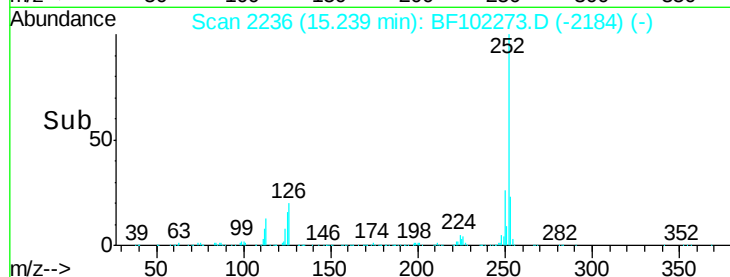
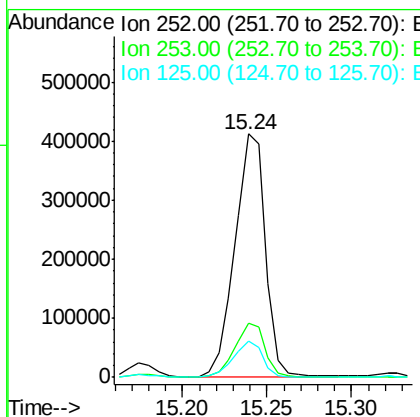
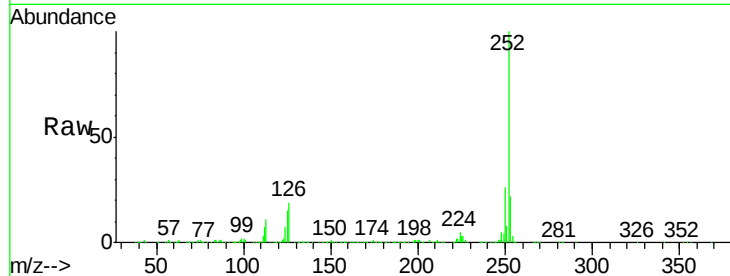
#89
Benzo(a)pyrene
Concen: 37.82 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	14.9	9.8	14.6

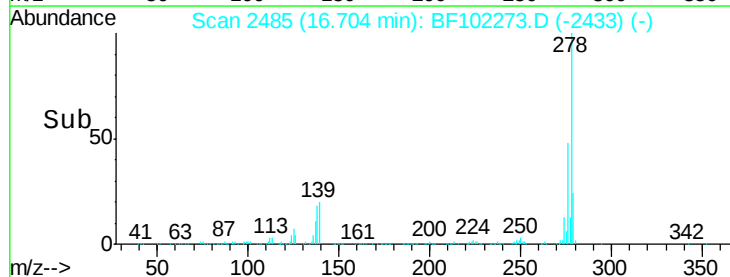
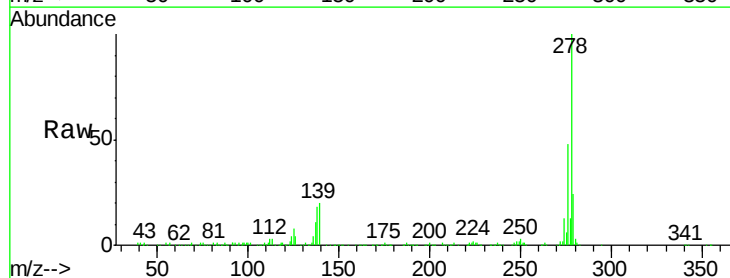
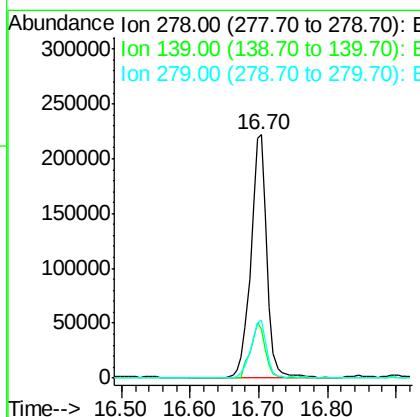
Manual Integrations
APPROVED

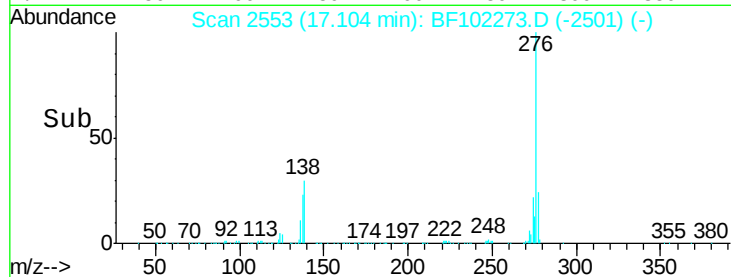
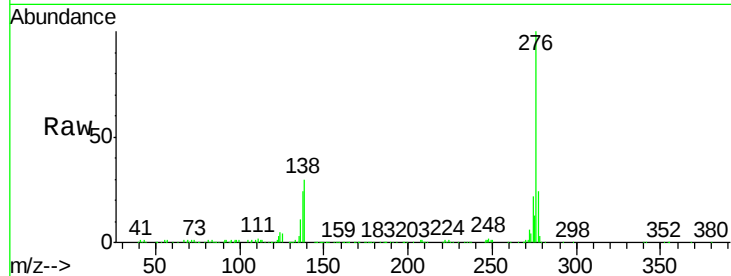
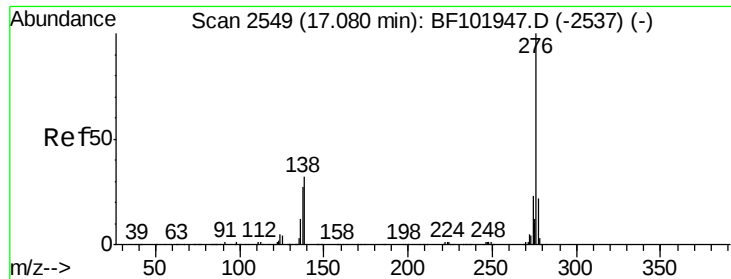
Sohil
1/22/2018 5:25:57 PM



#90
Dibenzo(a,h)anthracene
Concen: 33.77 ng
RT: 16.70 min Scan# 2485
Delta R.T. 0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.9	23.9
279	23.8	19.0	28.4





#91
Benzo(a,h,i)perylene
Concen: 33.00 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BF102273.D
Acq: 20 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	29.7	21.8	32.8

Manual Integrations
APPROVED

Sohil
1/22/2018 5:25:57 PM

