

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104973.D
 Acq On : 1 May 2018 10:00
 Operator : JU/SJ
 Sample : PB108718BSD
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108718BSD

Manual Integrations
 APPROVED

Sohil
 5/1/2018 7:05:55 PM

Quant Time: May 01 11:36:59 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	122698	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	498975	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	217118	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	344183	20.00	ng	0.00
75) Chrysene-d12	13.97	240	227935	20.00	ng	0.00
86) Perylene-d12	15.43	264	184359	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	637375	79.43	ng	0.01
7) Phenol-d6	6.43	99	778551	78.97	ng	0.00
23) Nitrobenzene-d5	7.36	82	683244	89.41	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	171864	76.31	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1221860	88.90	ng	0.00
78) Terphenyl-d14	12.90	244	904796	90.50	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	117207	31.347	ng	# 86
3) Pyridine	3.32	79	332386	31.618	ng	85
4) n-Nitrosodimethylamine	3.30	42	130800	35.594	ng	79
6) Aniline	6.46	93	152276	11.117	ng	# 89
8) 2-Chlorophenol	6.58	128	346295	40.887	ng	90
9) Benzaldehyde	6.34	77	113743	19.009	ng	95
10) Phenol	6.45	94	401004	38.333	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	312720	37.460	ng	93
12) 1,3-Dichlorobenzene	6.73	146	359432	37.460	ng	99
13) 1,4-Dichlorobenzene	6.80	146	365835	38.249	ng	99
14) 1,2-Dichlorobenzene	6.96	146	336120	37.922	ng	97
15) Benzyl Alcohol	6.94	79	263348	35.167	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	354446	31.616	ng	51
17) 2-Methylphenol	7.05	107	280923	38.158	ng	93
18) Hexachloroethane	7.30	117	120666	35.384	ng	97
19) n-Nitroso-di-n-propylamine	7.21	70	218459	33.908	ng	91
20) 3+4-Methylphenols	7.21	107	345854	37.878	ng	# 76
22) Acetophenone	7.20	105	453237	36.895	ng	99
24) Nitrobenzene	7.38	77	334598	39.660	ng	95
25) Isophorone	7.62	82	613259	37.952	ng	99
26) 2-Nitrophenol	7.69	139	176524	51.396	ng	95
27) 2,4-Dimethylphenol	7.73	122	294897	41.351	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	403346	40.825	ng	98
29) 2,4-Dichlorophenol	7.94	162	280655	41.246	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	289874	38.817	ng	99
31) Naphthalene	8.10	128	946214	38.083	ng	100
32) Benzoic acid	7.91	122	18503m	3.252	ng	
33) 4-Chloroaniline	8.15	127	62877	5.907	ng	96
34) Hexachlorobutadiene	8.20	225	158551	38.762	ng	98
35) Caprolactam	8.53	113	88795m	37.407	ng	
36) 4-Chloro-3-methylphenol	8.65	107	292315	40.064	ng	98
37) 2-Methylnaphthalene	8.79	142	627053	39.016	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	271770	43.727	ng	99
40) Hexachlorocyclopentadiene	8.93	237	55248	15.878	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	178833	41.450	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	184484	38.211	nq	92
45) 1,1'-Biphenyl	9.25	154	741193	40.637	nq	99
46) 2-Chloronaphthalene	9.28	162	571662	39.680	nq	99
47) 2-Nitroaniline	9.39	65	166827	46.825	nq	84
48) Acenaphthylene	9.70	152	831085	36.767	nq	99
49) Dimethylphthalate	9.55	163	707315	41.312	nq	100
50) 2,6-Dinitrotoluene	9.63	165	148411	46.845	nq #	84
51) Acenaphthene	9.87	154	497342	36.062	nq	99
52) 3-Nitroaniline	9.79	138	73032	19.691	nq	99
53) 2,4-Dinitrophenol	9.91	184	25141	29.446	nq #	20
54) Dibenzofuran	10.04	168	719524	37.437	nq	97
55) 4-Nitrophenol	9.97	139	173887	59.683	nq	98
56) 2,4-Dinitrotoluene	10.03	165	173813	41.825	nq	96
57) Fluorene	10.38	166	568288	40.622	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	137072	38.055	nq	93
59) Diethylphthalate	10.25	149	659758	38.691	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	270964	43.492	nq	99
61) 4-Nitroaniline	10.41	138	129664	35.755	nq	98
62) Azobenzene	10.53	77	564911	34.676	nq	92
64) 4,6-Dinitro-2-methylphenol	10.44	198	25947	20.457	nq	87
65) n-Nitrosodiphenylamine	10.49	169	511715	42.880	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	160410	43.816	nq	90
67) Hexachlorobenzene	10.93	284	171652	41.669	nq	95
68) Atrazine	11.02	200	161383	44.802	nq	99
69) Pentachlorophenol	11.13	266	123136	48.318	nq	99
70) Phenanthrene	11.35	178	741109	38.665	nq	98
71) Anthracene	11.40	178	759255	38.968	nq	100
72) Carbazole	11.56	167	666779	35.022	nq	99
73) Di-n-butylphthalate	11.87	149	930983	40.030	nq	99
74) Fluoranthene	12.53	202	671724	33.542	nq	99
76) Benzidine	12.66	184	277279	34.462	nq	97
77) Pyrene	12.77	202	660113	39.071	nq	98
79) Butylbenzylphthalate	13.37	149	328315	41.247	nq	99
80) Benzo(a)anthracene	13.96	228	576925	42.368	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	173709	34.214	nq	96
82) Chrysene	14.00	228	551331	39.418	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	459340	44.866	nq	99
84) Di-n-octyl phthalate	14.55	149	745350	43.570	nq #	94
85) Indeno(1,2,3-cd)pyrene	16.89	276	397561	33.460	nq	96
87) Benzo(b)fluoranthene	15.00	252	519406	44.608	nq	98
88) Benzo(k)fluoranthene	15.03	252	456451	41.523	nq	99
89) Benzo(a)pyrene	15.37	252	440078	42.241	nq	99
90) Dibenzo(a,h)anthracene	16.90	278	335225	39.178	nq	97
91) Benzo(g,h,i)perylene	17.33	276	323192	38.986	nq	95

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

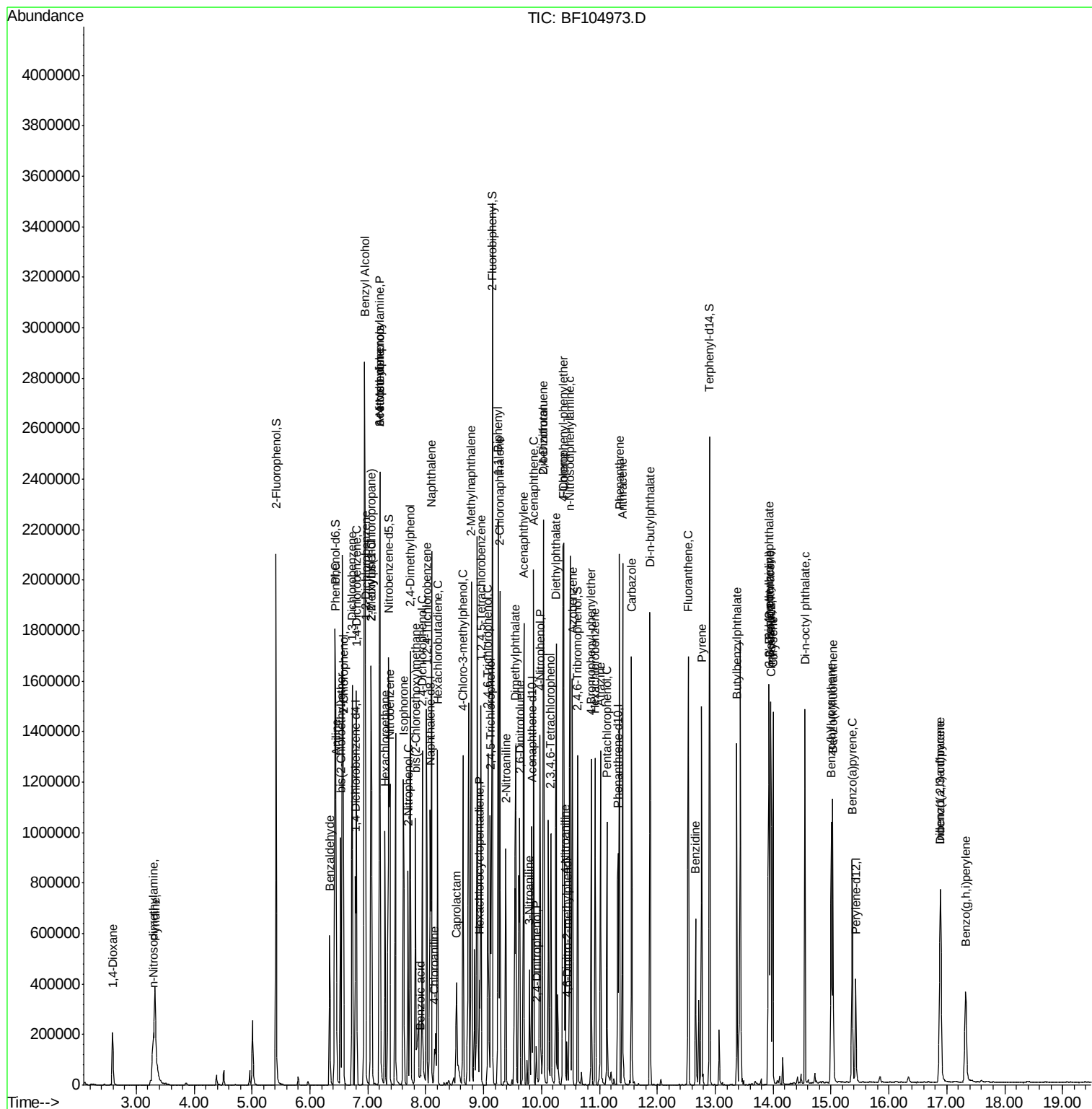
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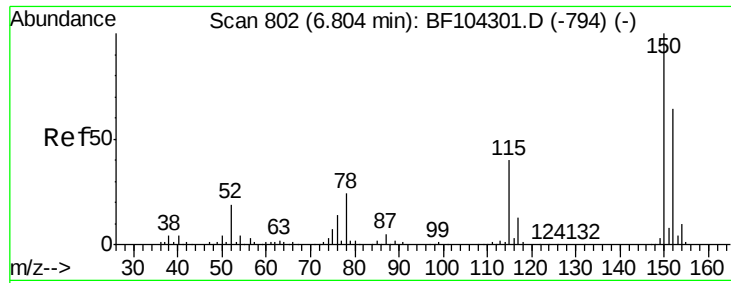
Instrument :
BNA_F
ClientSampleId :
PB108718BSD

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#1

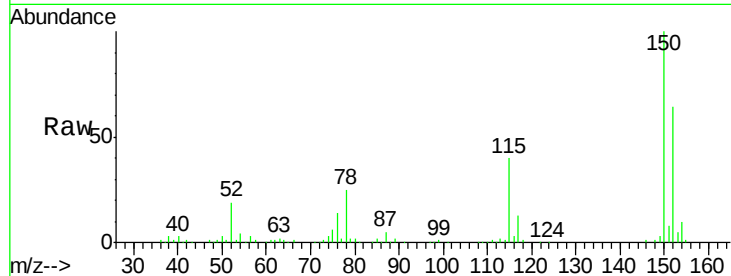
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108718BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	63.2	50.1	75.1

Manual Integrations
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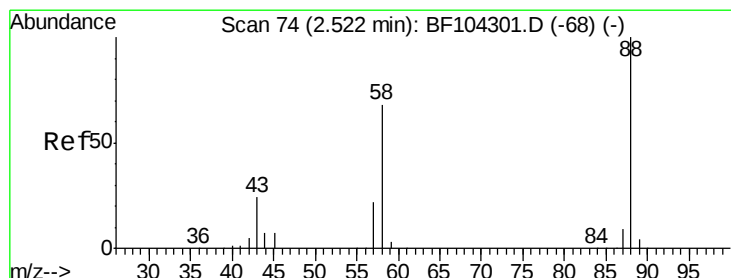
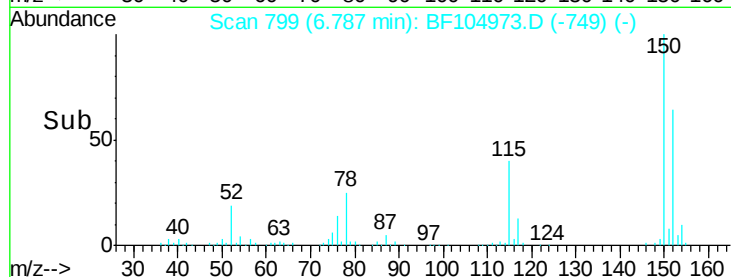
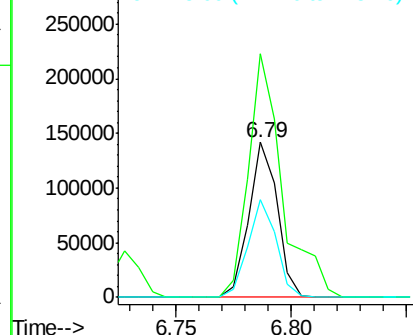


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

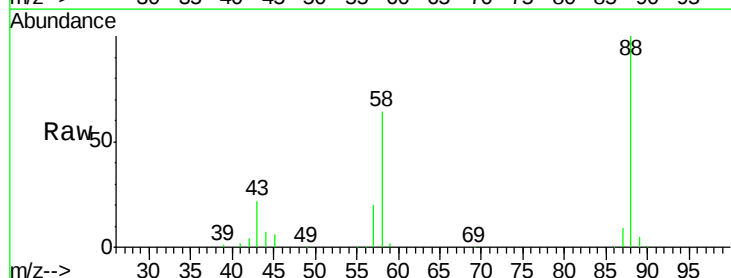
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 31.347 ng
 RT: 2.59 min Scan# 86
 Delta R.T. 0.09 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.1	62.6	93.8
43	23.0	24.6	37.0

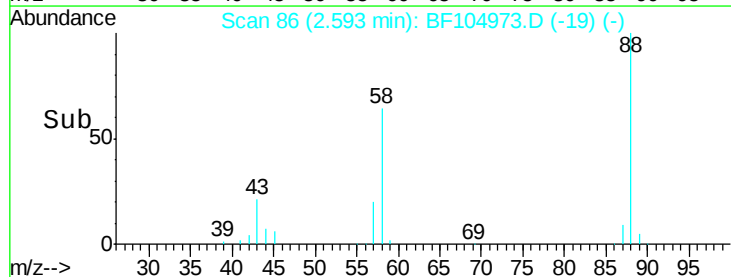
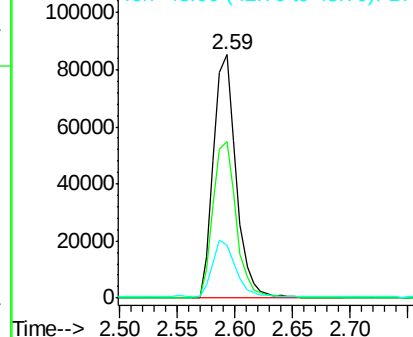


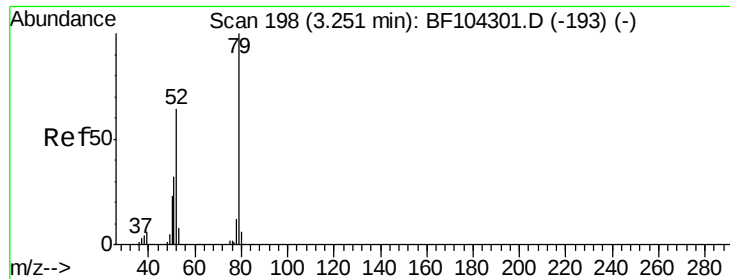
Abundance

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: 31.618 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.09 min

Lab File: BF104973.D

Acq: 1 May 2018 10:00

Instrument :

BNA_F

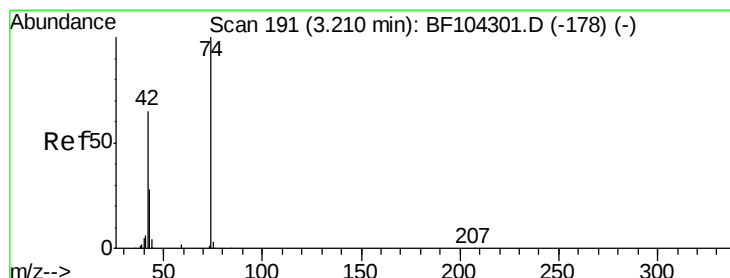
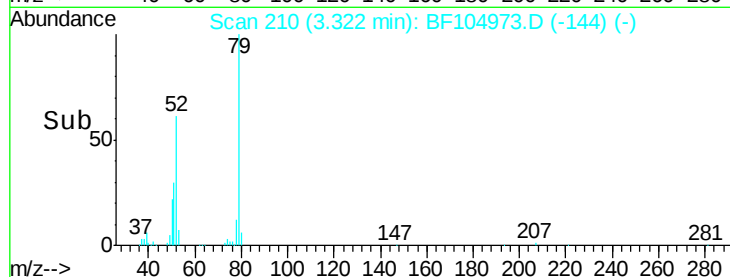
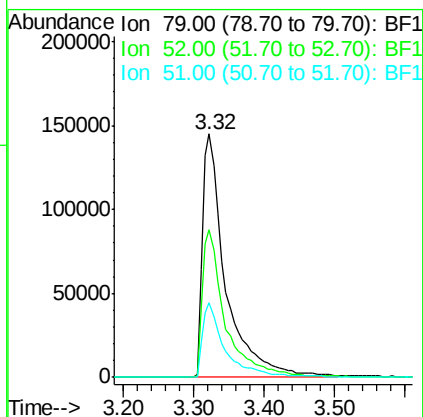
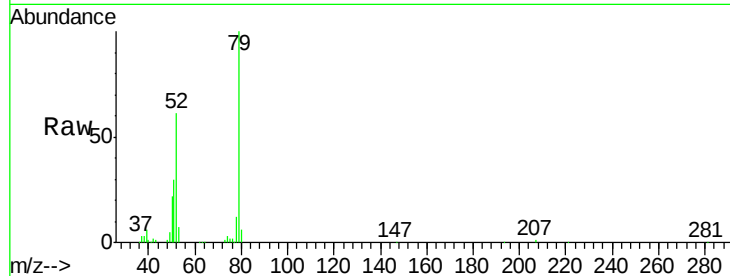
ClientSampleId :

PB108718BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		332386		
52	60.8		59.8	89.6	
51	30.5		29.8	44.8	

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#4

n-Nitrosodimethylamine

Concen: 35.594 ng

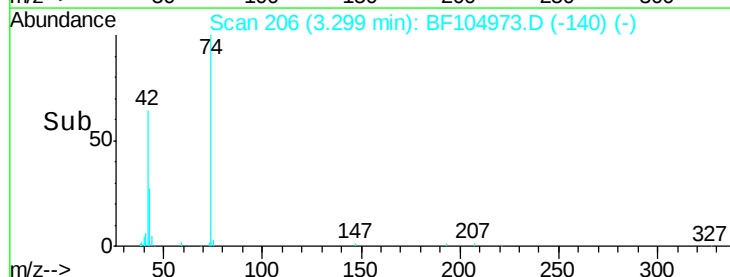
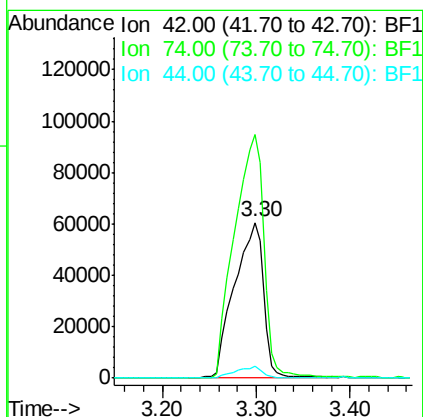
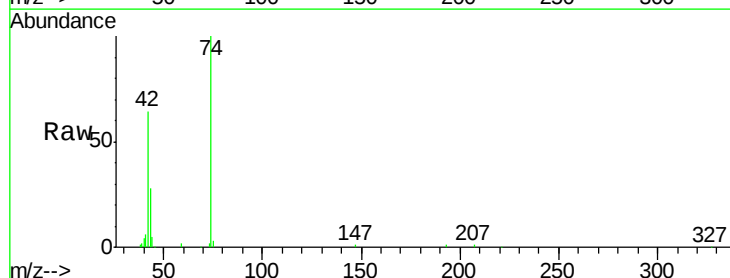
RT: 3.30 min Scan# 206

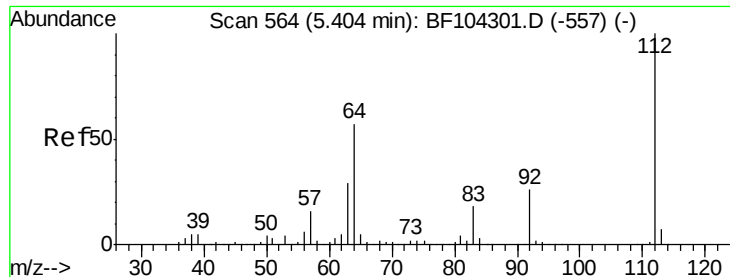
Delta R.T. 0.09 min

Lab File: BF104973.D

Acq: 1 May 2018 10:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		130800		
74	156.4		104.9	157.3	
44	7.3		6.9	10.3	





#5

2-Fluorophenol

Concen: 79.429 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF104973.D

Acq: 1 May 2018 10:00

Instrument :

BNA_F

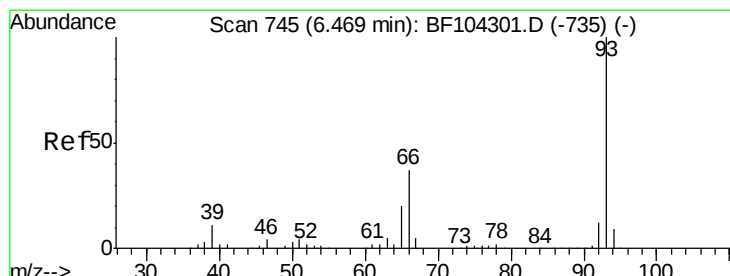
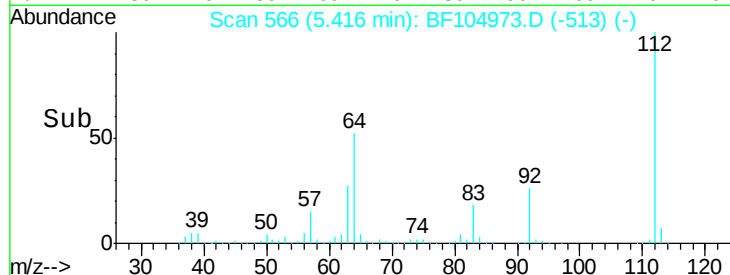
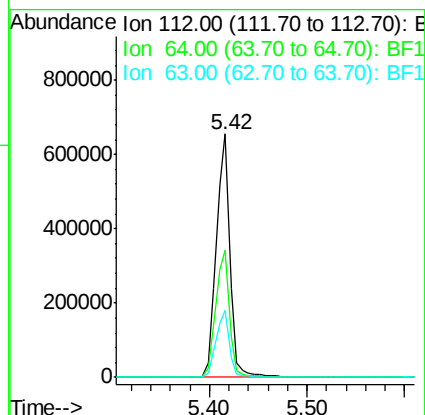
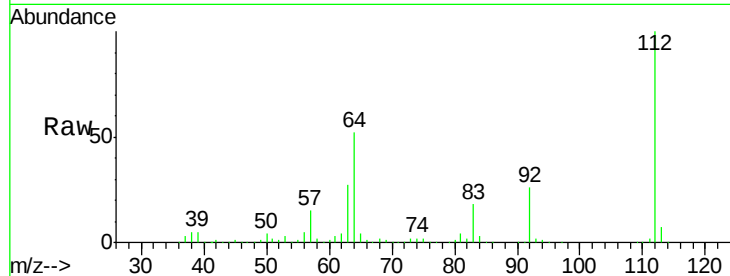
ClientSampled :

PB108718BSD

Tot Ion:	112	Resp:	637375
Ion Ratio	Lower	Upper	
112	100		
64	52.4	47.9	71.9
63	27.3	23.7	35.5

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#6

Aniline

Concen: 11.117 ng

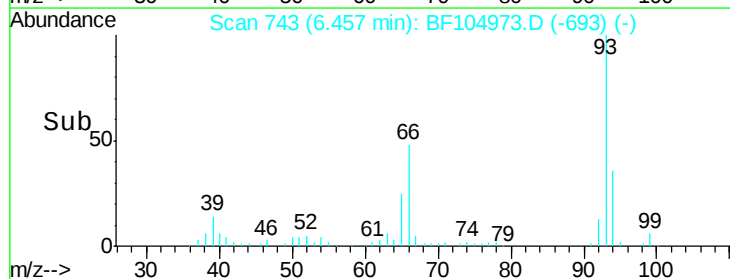
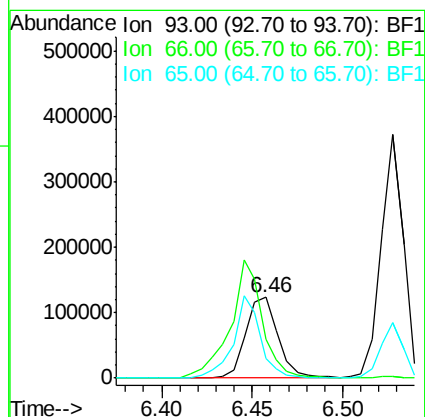
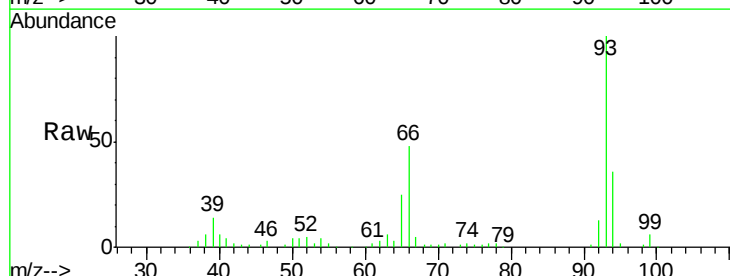
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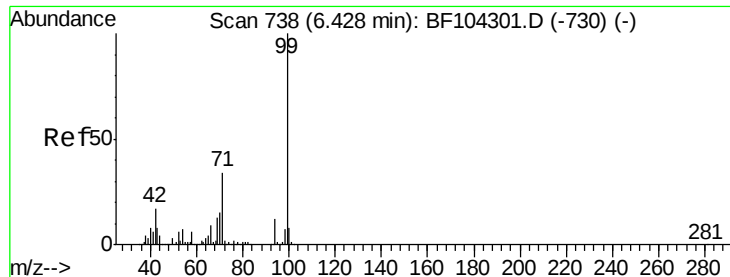
Delta R.T. -0.01 min

Lab File: BF104973.D

Acq: 1 May 2018 10:00

Tgt Ion:	93	Resp:	152276
Ion Ratio	Lower	Upper	
93	100		
66	47.6	32.2	48.2
65	25.0	16.4	24.6





#7

Phenol-d6

Concen: 78.965 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104973.D

Acq: 1 May 2018 10:00

Instrument :

BNA_F

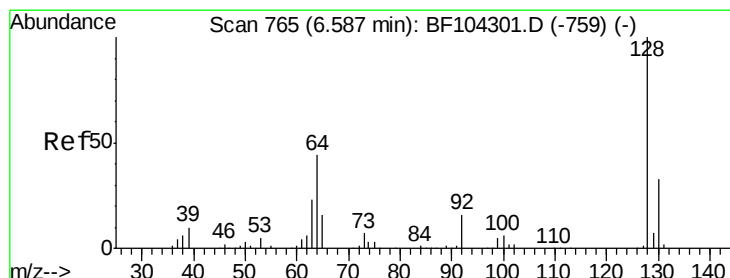
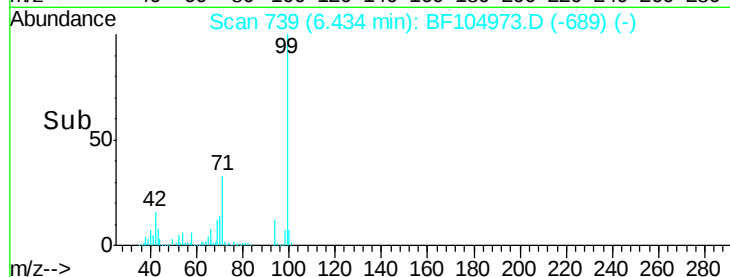
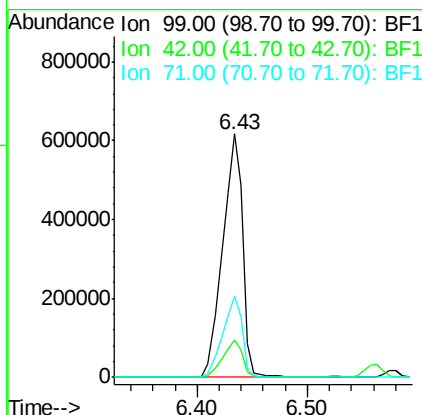
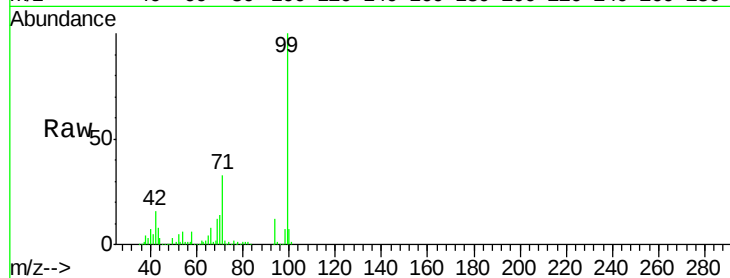
ClientSampleId :

PB108718BSD

Tot Ion:	99	Resp:	778551
Ion Ratio	Lower	Upper	
99	100		
42	15.6	14.5	21.7
71	33.2	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.887 ng

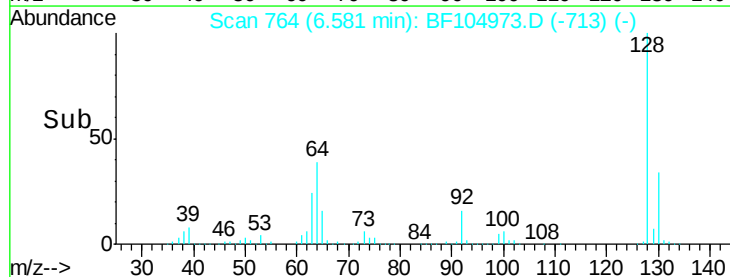
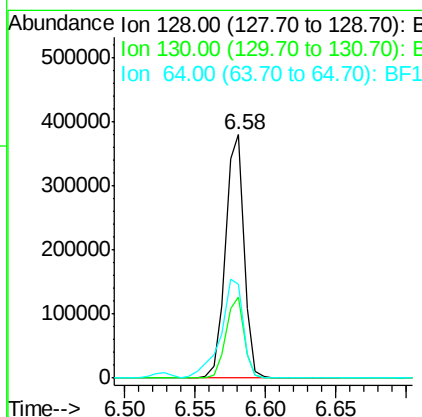
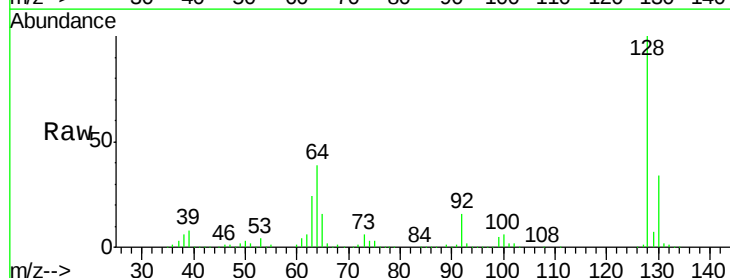
RT: 6.58 min Scan# 764

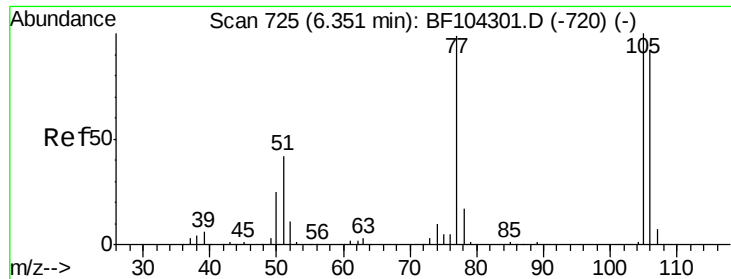
Delta R.T. 0.00 min

Lab File: BF104973.D

Acq: 1 May 2018 10:00

Tgt Ion:	128	Resp:	346295
Ion Ratio	Lower	Upper	
128	100		
130	33.6	13.0	53.0
64	38.8	29.4	69.4





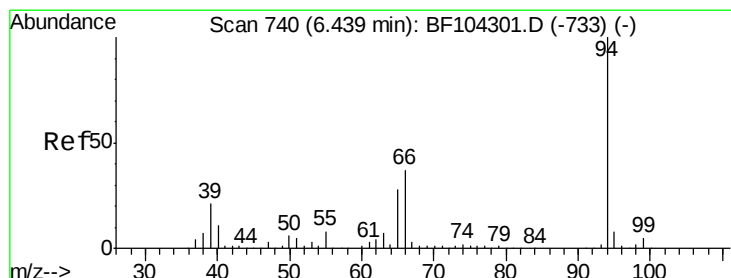
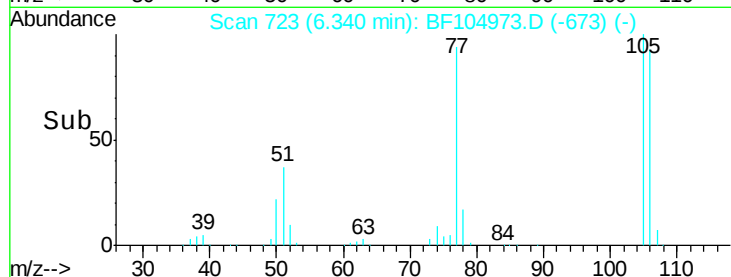
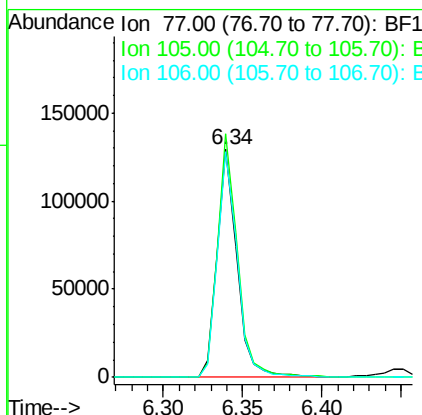
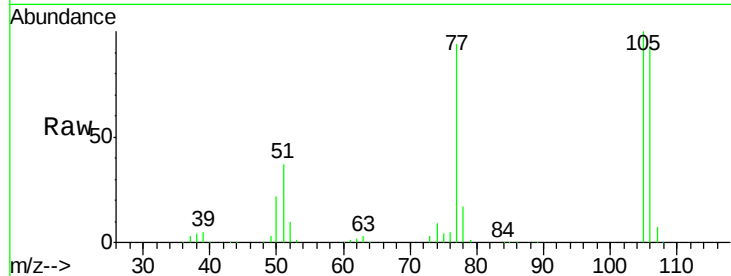
#9
Benzaldehyde
Concen: 19.009 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	106.9	81.1	121.1
106	99.3	74.5	114.5

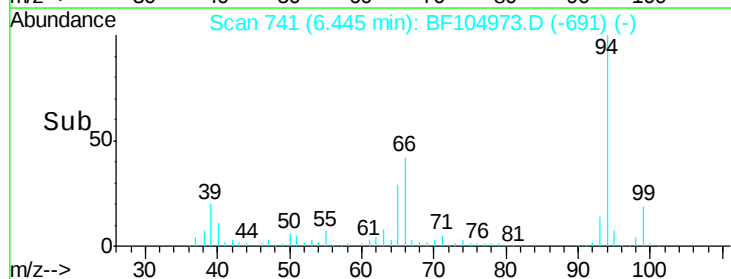
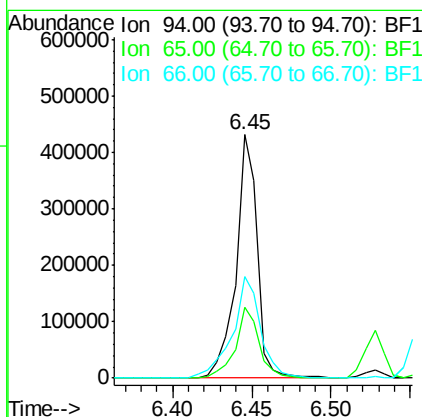
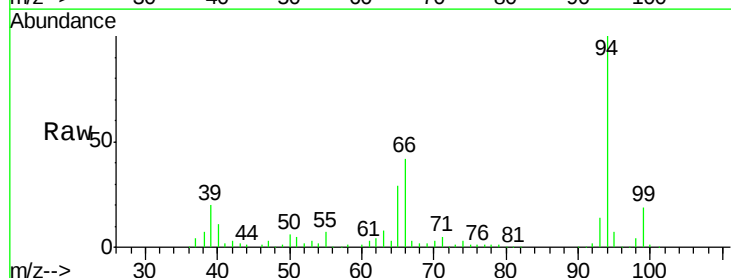
Manual Integrations
APPROVED

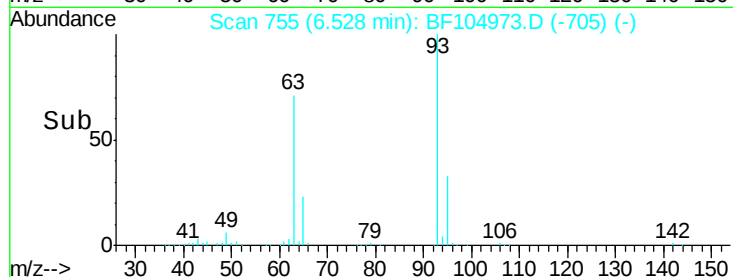
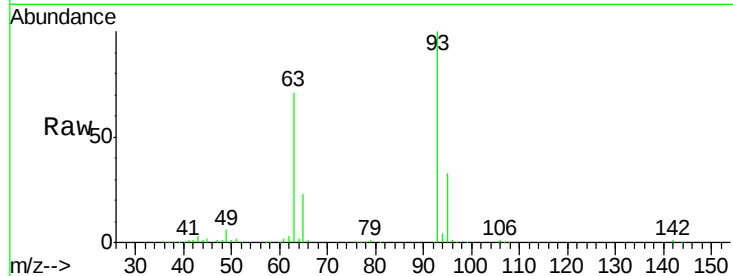
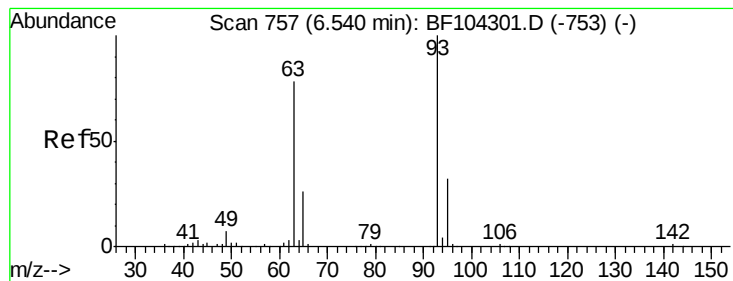
Sohil
5/1/2018 7:05:55 PM



#10
Phenol
Concen: 38.333 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.3	7.9	47.9
66	41.7	16.2	56.2





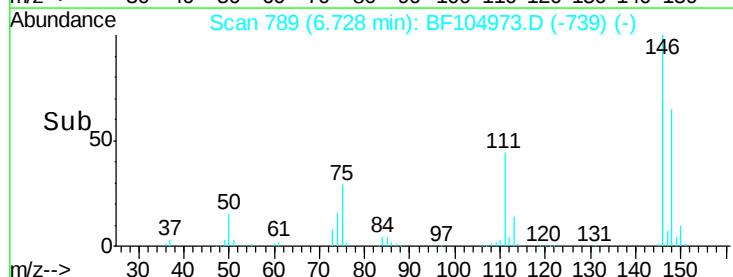
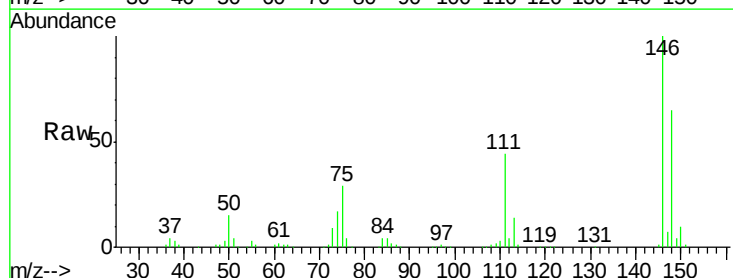
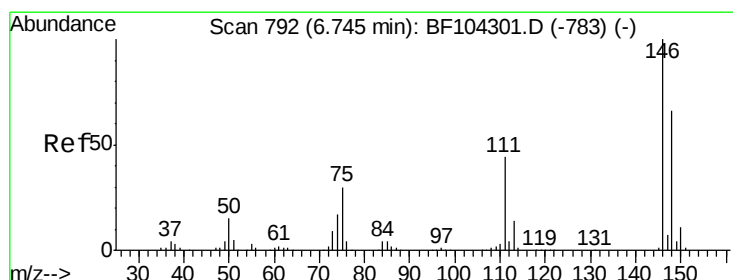
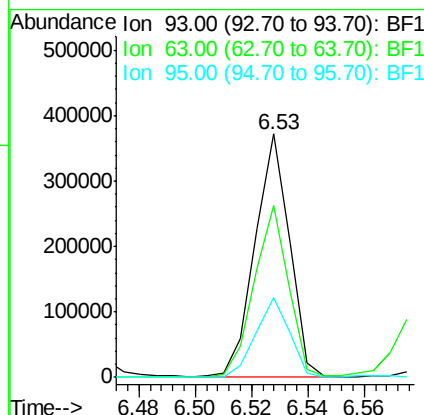
#11
bis(2-Chloroethyl)ether
Concen: 37.460 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tot Ion:	93	Resp:	312720
Ion Ratio	Lower	Upper	
93	100		
63	70.8	58.6	98.6
95	32.9	11.8	51.8

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

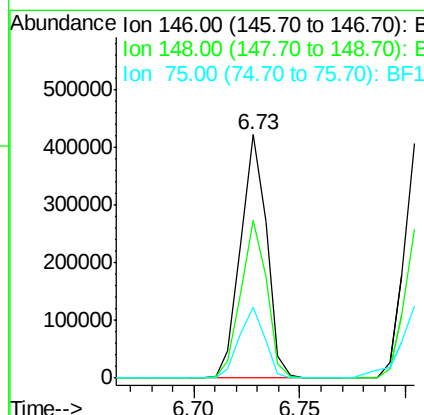
Manual Integrations
APPROVED

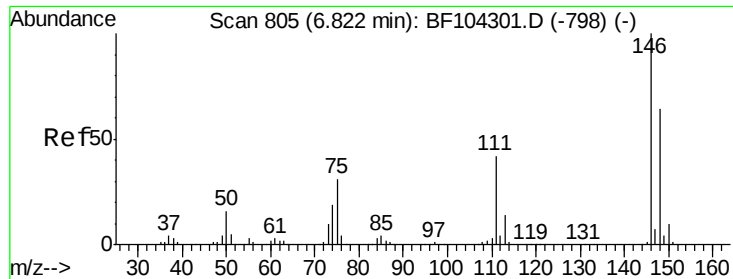
Sohil
5/1/2018 7:05:55 PM



#12
1,3-Dichlorobenzene
Concen: 37.460 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion:	146	Resp:	359432
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.8	77.8
75	29.3	24.2	36.4





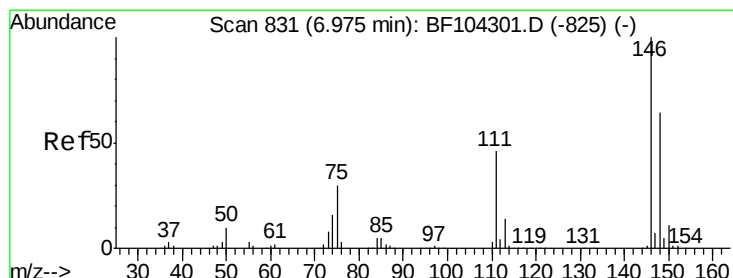
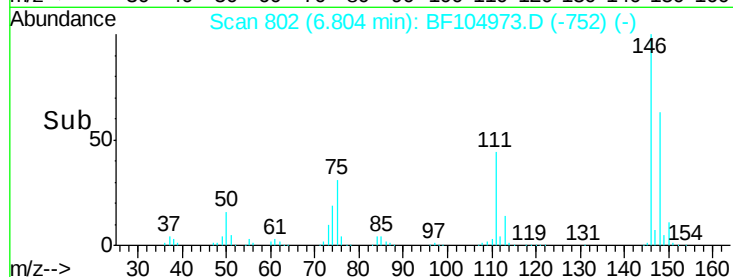
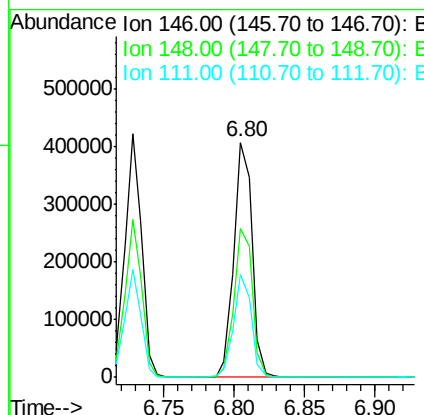
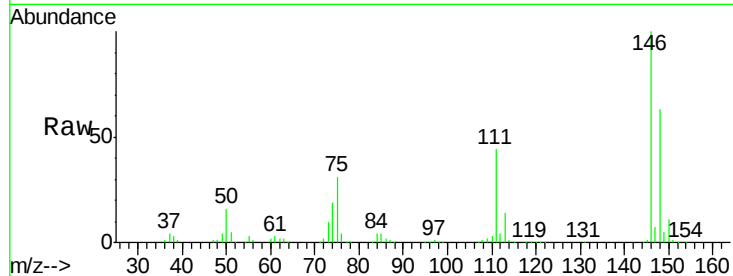
#13
 1,4-Dichlorobenzene
 Concen: 38.249 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Instrument :
 BNA_F
 ClientSampled :
 PB108718BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	43.9	34.2	51.2

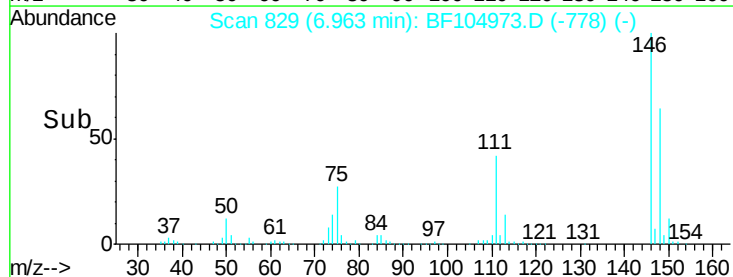
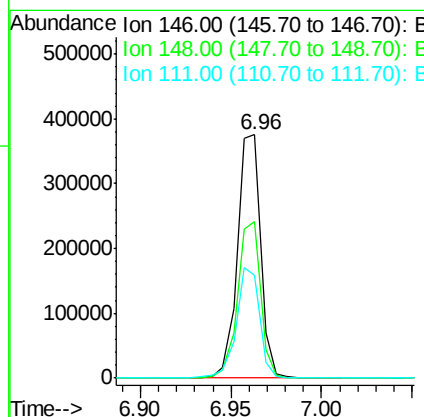
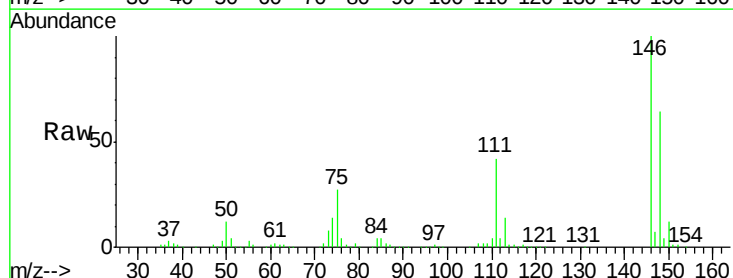
Manual Integrations
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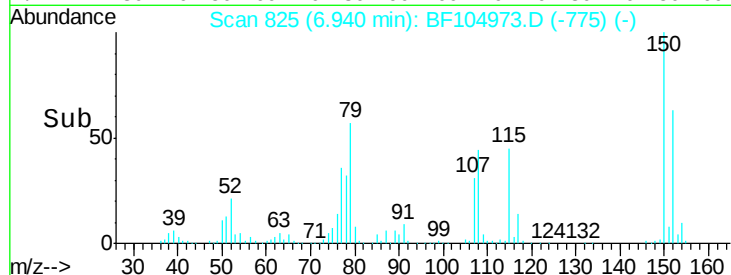
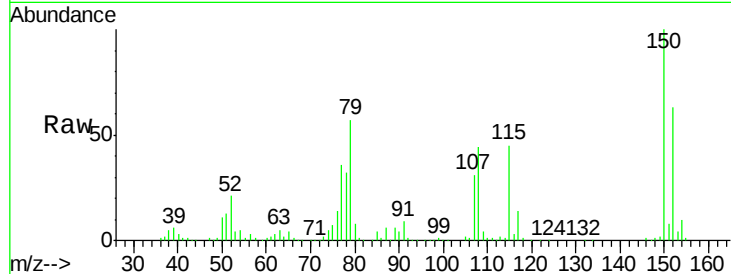
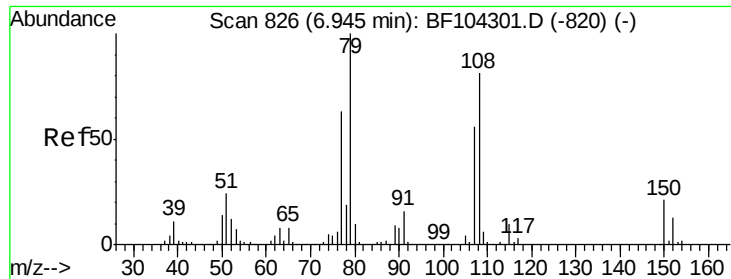
Sohil
 5/1/2018 7:05:55 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.922 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
111	42.4	36.0	54.0





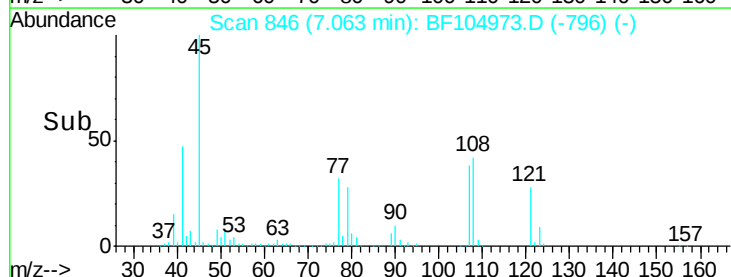
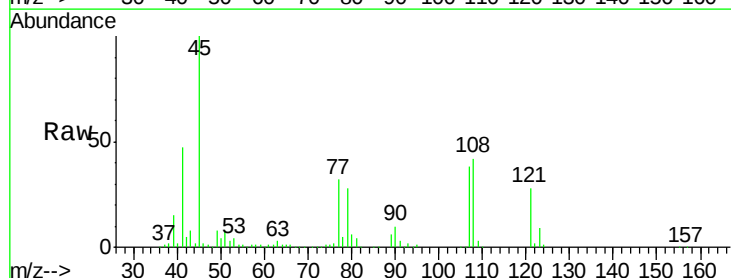
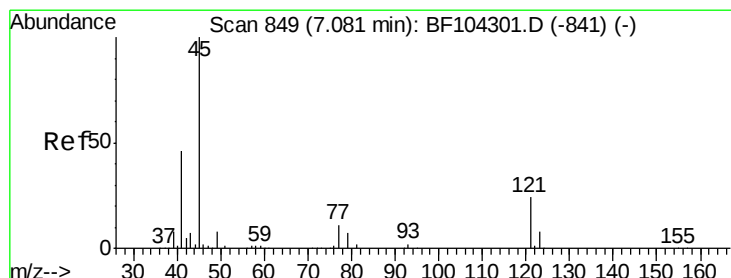
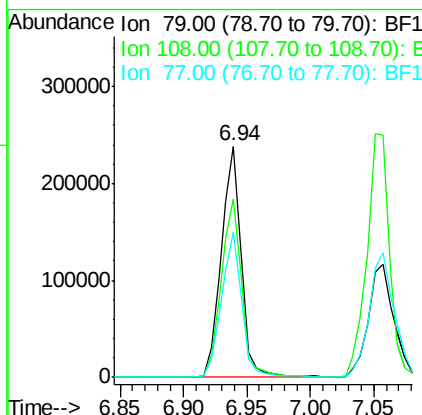
#15
Benzyl Alcohol
Concen: 35.167 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	77.4	65.1	97.7	
77	62.8	50.6	75.8	

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

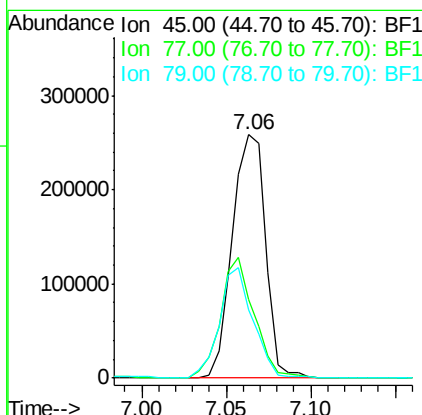
Manual Integrations
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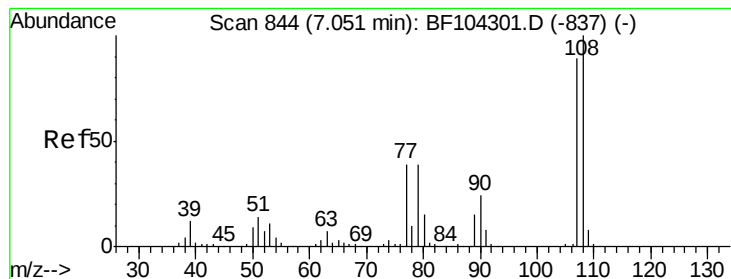
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.616 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	32.1	0.0	32.9	
79	28.0	0.0	29.6	





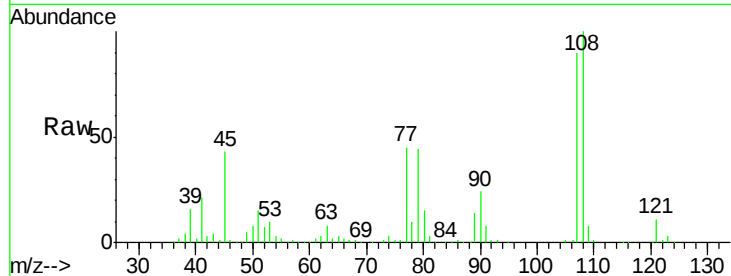
#17
2-Methylphenol
Concen: 38.158 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	91.7	137.5	
77	50.0	33.8	50.8	
79	48.2	33.8	50.8	

Manual Integrations
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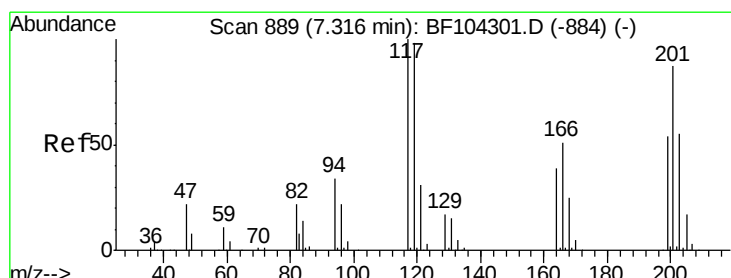
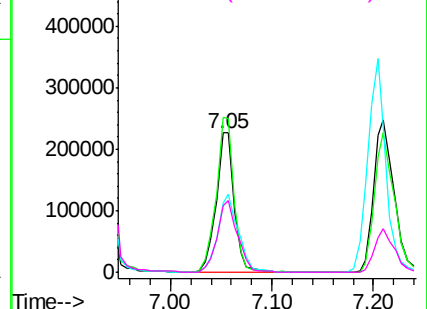
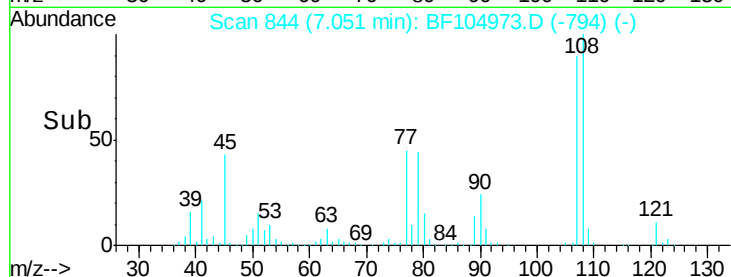
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

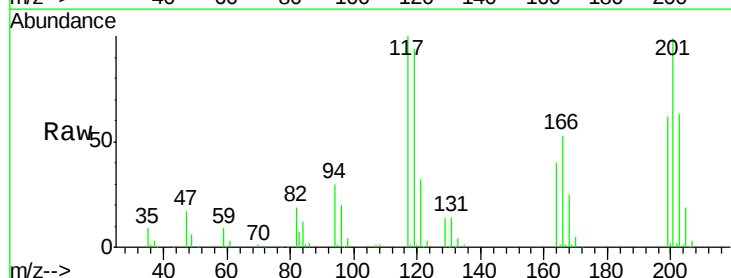
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 35.384 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	75.8	113.8	
201	99.2	75.7	113.5	

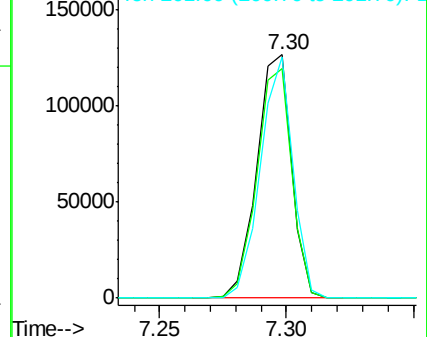
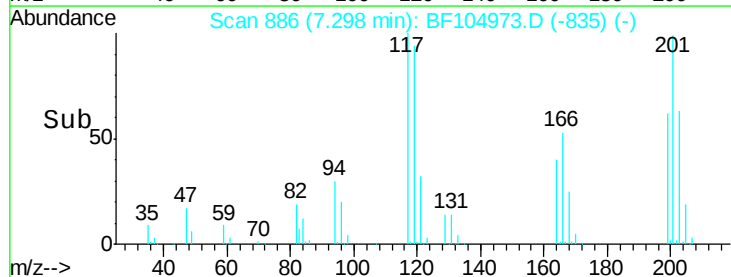


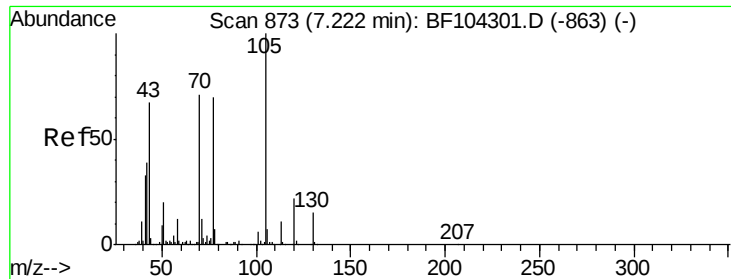
Abundance

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





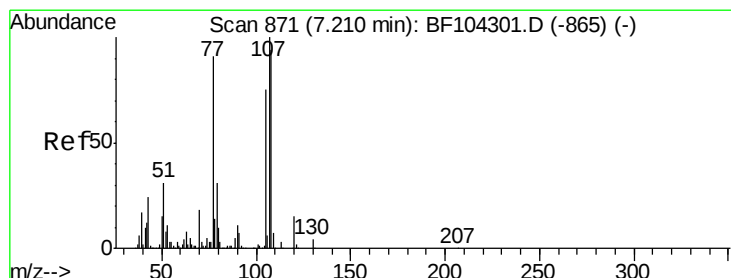
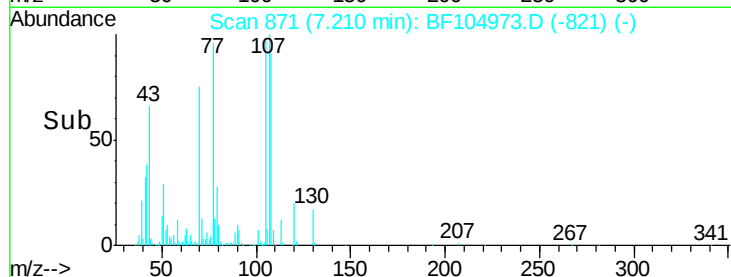
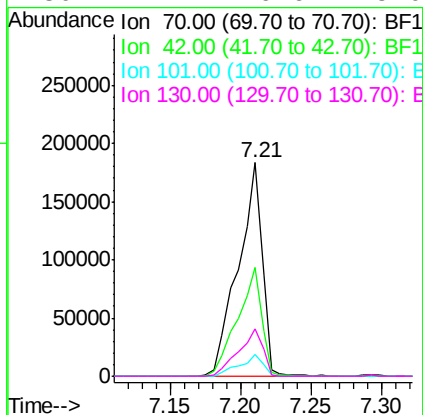
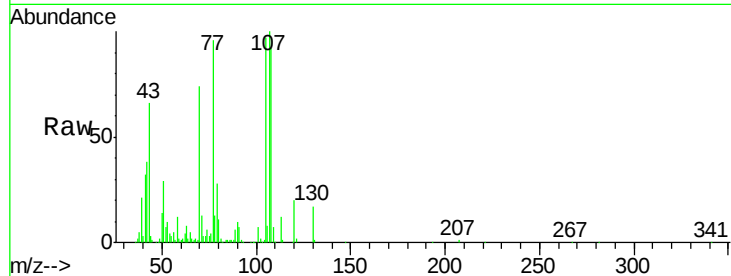
#19
n-Nitroso-di-n-propylamine
Concen: 33.908 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.7	47.5	71.3
101	10.0	7.4	11.2
130	22.4	16.6	25.0

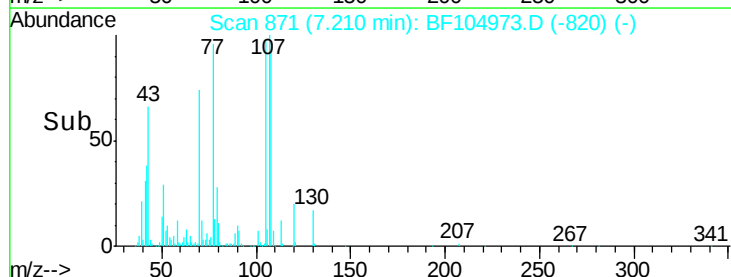
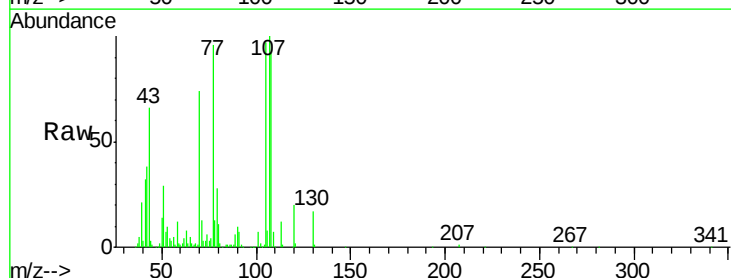
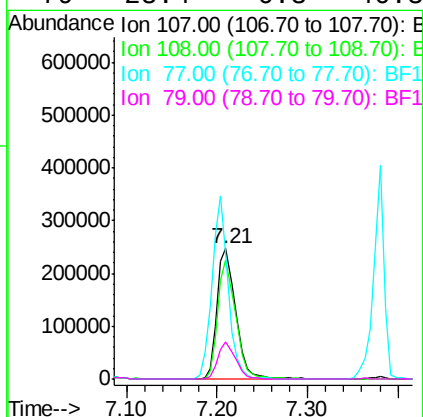
Manual Integrations
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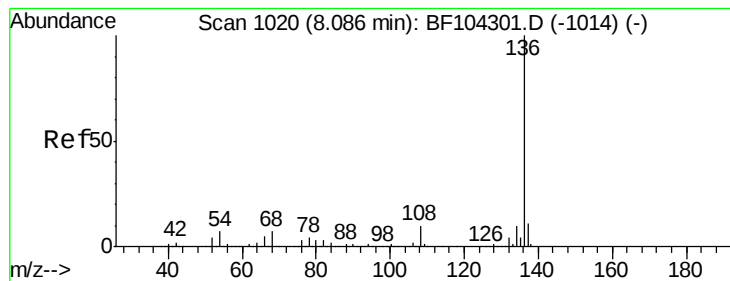
Sohil
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#20
3+4-Methylphenols
Concen: 37.878 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.2	108.2
77	96.0	26.7	66.7#
79	28.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104973.D

Acq: 1 May 2018 10:00

Instrument :

BNA_F

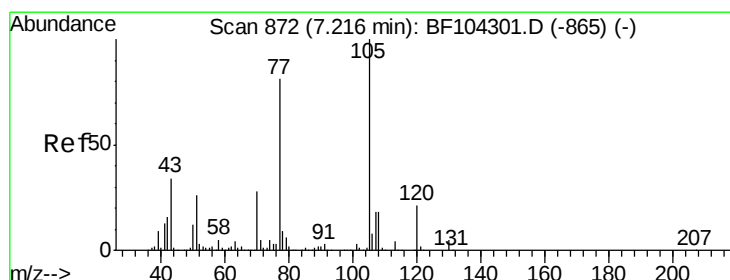
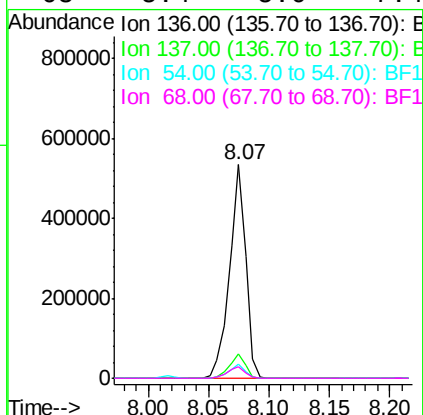
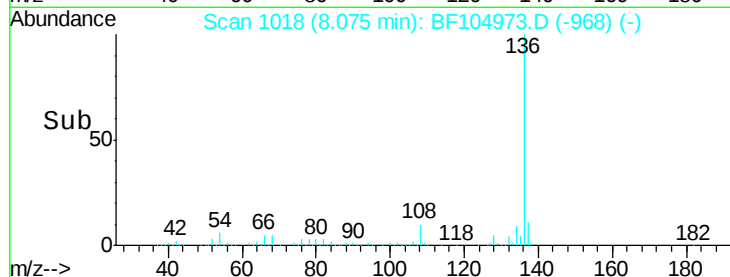
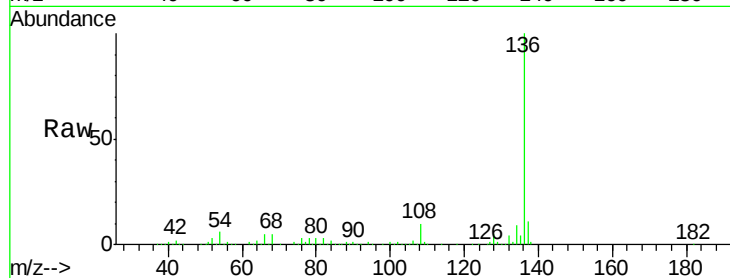
ClientSampleId :

PB108718BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.3		8.9	13.3	
54	6.4		6.6	9.8	
68	5.4		5.0	7.4	

Manual Integrations
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#22

Acetophenone

Concen: 36.895 ng

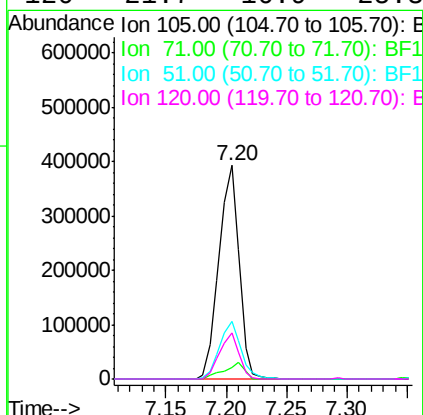
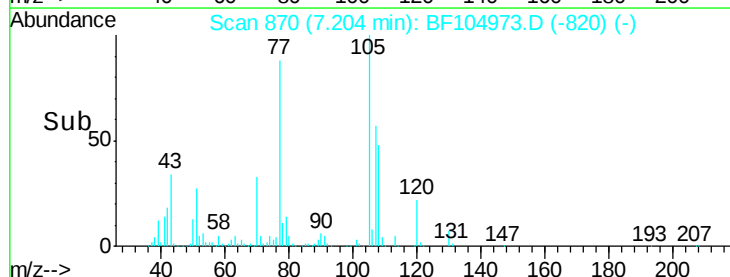
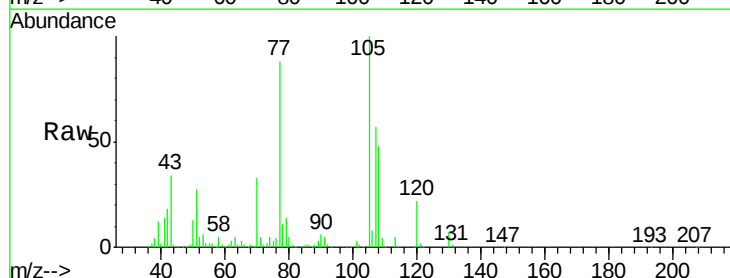
RT: 7.20 min Scan# 870

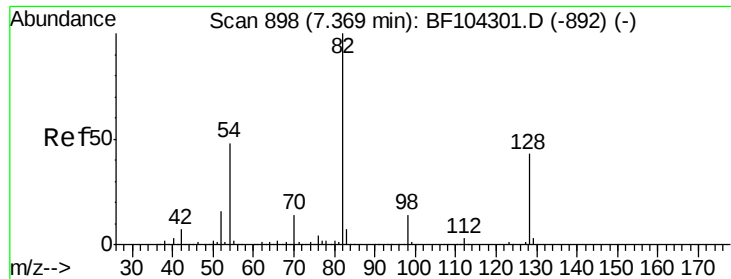
Delta R.T. -0.01 min

Lab File: BF104973.D

Acq: 1 May 2018 10:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	5.5		4.4	6.6	
51	27.2		22.3	33.5	
120	21.7		16.9	25.3	





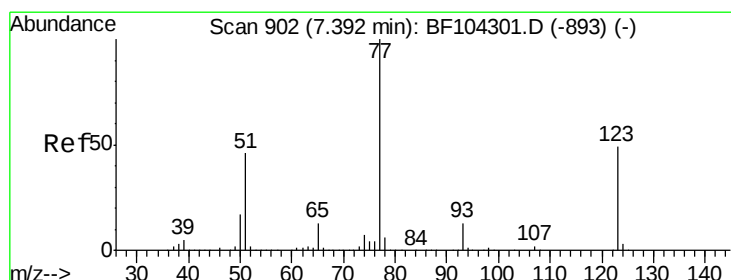
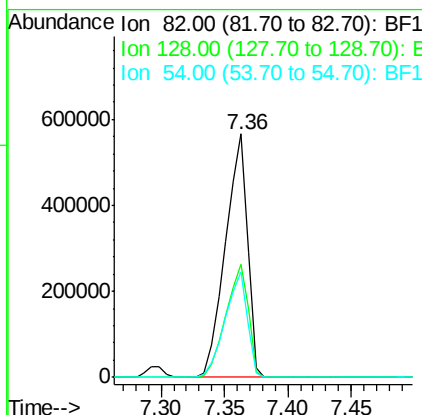
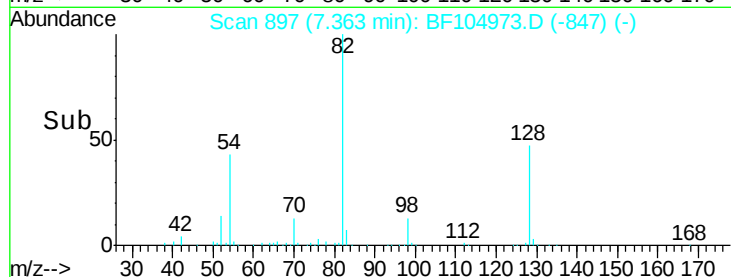
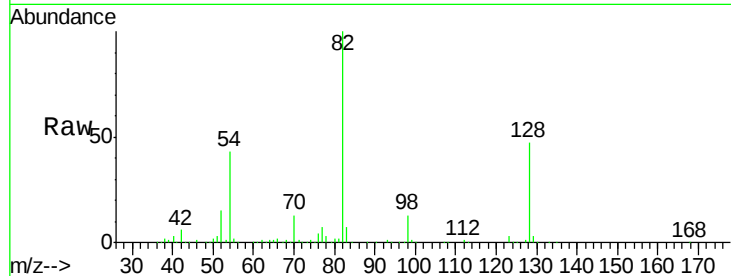
#23
Nitrobenzene-d5
Concen: 89.412 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	683244		
128	46.6	36.1	54.1	
54	43.4	41.4	62.2	

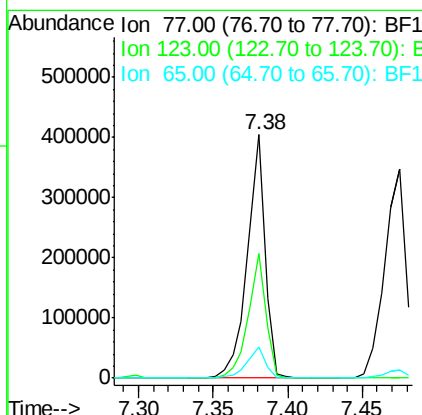
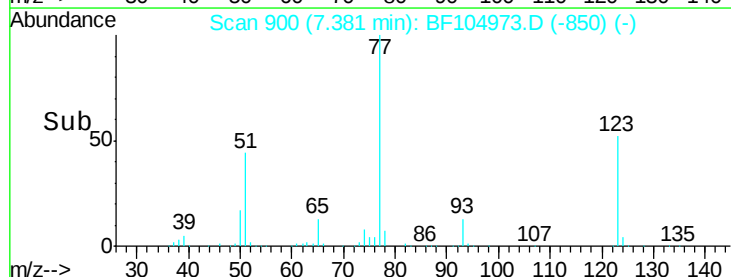
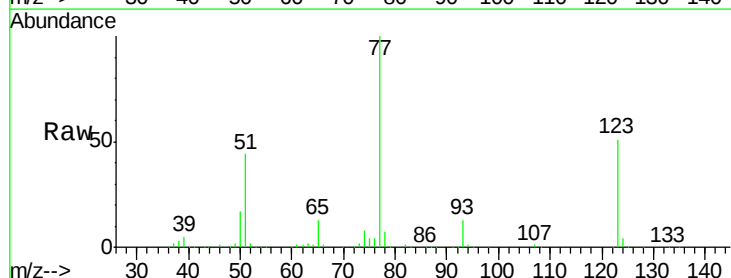
Manual Integrations
APPROVED

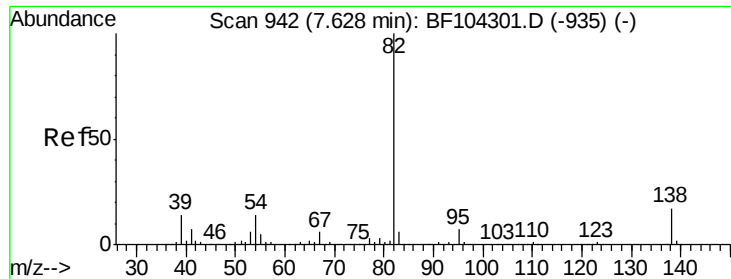
Sohil
5/1/2018 7:05:55 PM



#24
Nitrobenzene
Concen: 39.660 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	334598		
123	51.3	37.9	56.9	
65	12.8	11.0	16.4	





#25

Isophorone

Concen: 37.952 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF104973.D

Acq: 1 May 2018 10:00

Instrument :

BNA_F

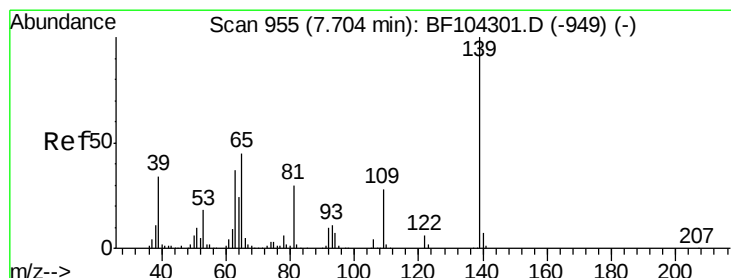
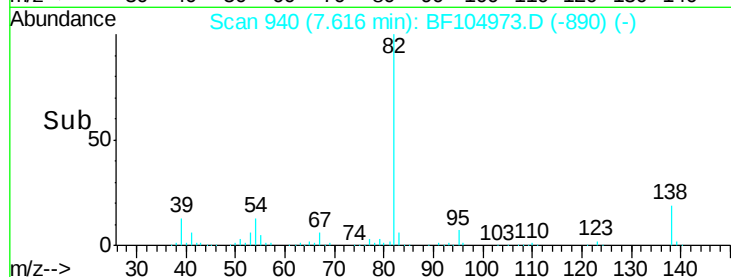
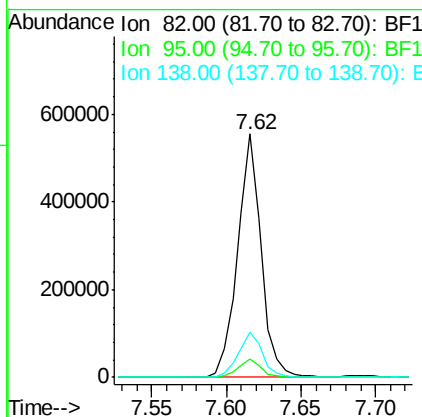
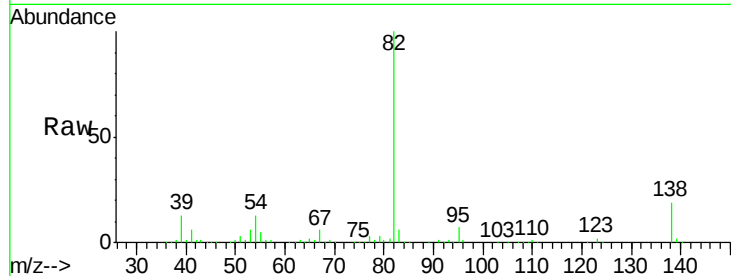
ClientSampleId :

PB108718BSD

Tot Ion:	82	Resp:	613259
Ion Ratio		Lower	Upper
82	100		
95	7.3	5.2	7.8
138	18.6	14.9	22.3

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#26

2-Nitrophenol

Concen: 51.396 ng

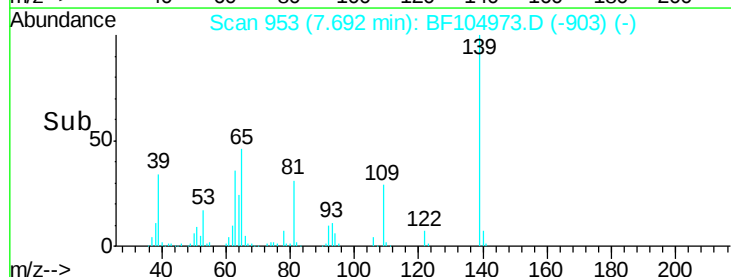
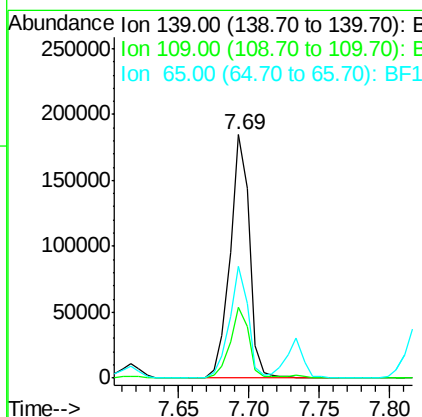
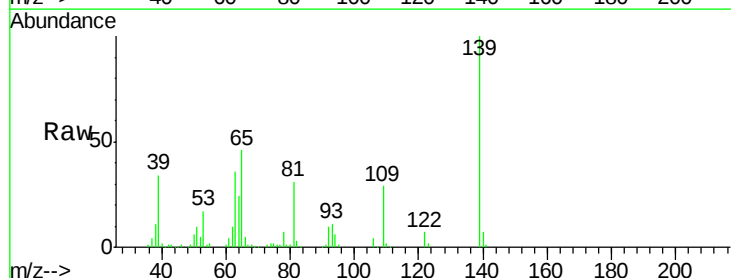
RT: 7.69 min Scan# 953

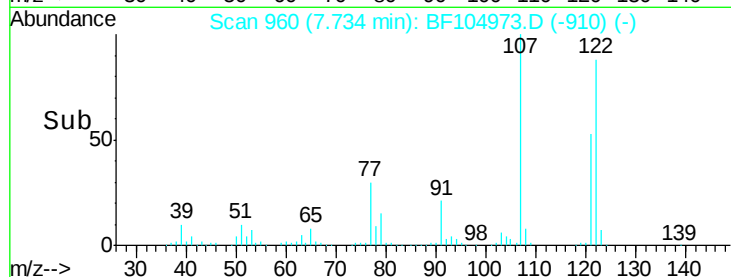
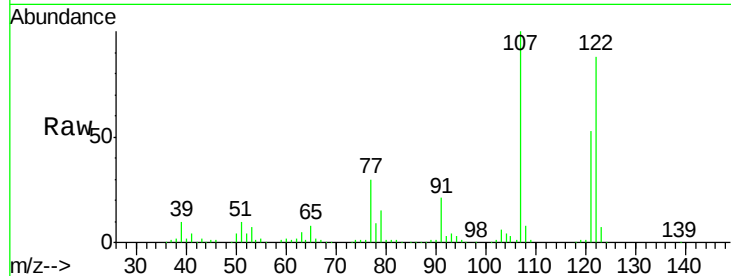
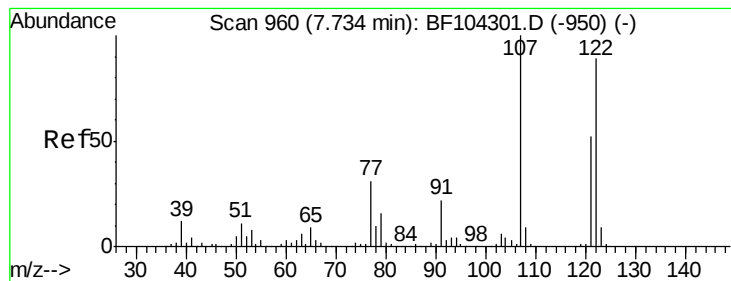
Delta R.T. -0.01 min

Lab File: BF104973.D

Acq: 1 May 2018 10:00

Tgt Ion:	139	Resp:	176524
Ion Ratio		Lower	Upper
139	100		
109	29.0	22.7	34.1
65	45.9	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 41.351 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF104973.D

Acq: 1 May 2018 10:00

Tot Ion:	122	Resp:	294897
Ion Ratio	Lower	Upper	
122	100		
107	113.9	91.2	136.8
121	60.1	47.2	70.8

Instrument :

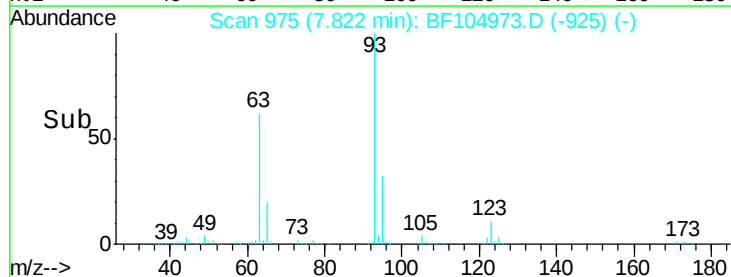
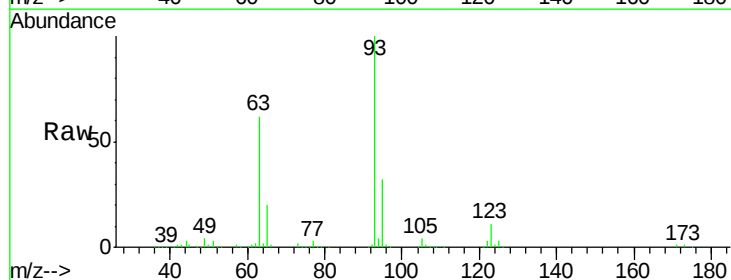
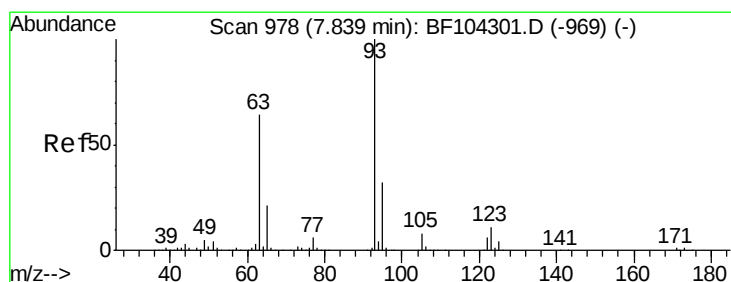
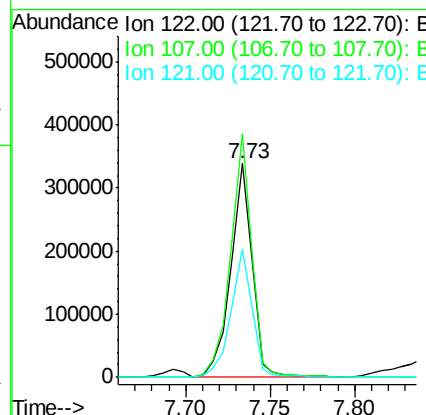
BNA_F

ClientSampleId :

PB108718BSD

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#28

bis(2-Chloroethoxy)methane

Concen: 40.825 ng

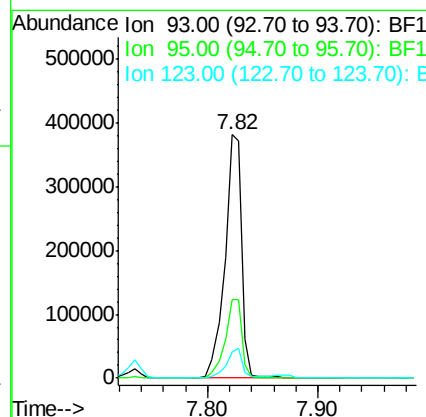
RT: 7.82 min Scan# 975

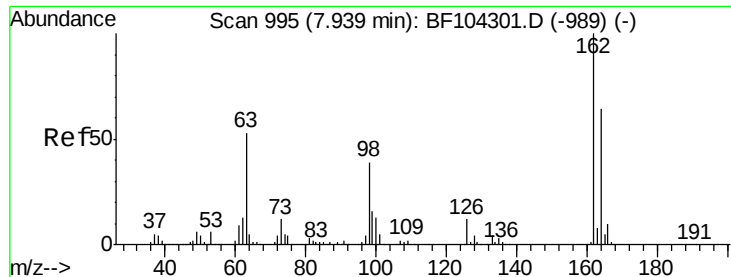
Delta R.T. -0.01 min

Lab File: BF104973.D

Acq: 1 May 2018 10:00

Tgt Ion:	93	Resp:	403346
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.3	39.5
123	10.8	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 41.246 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF104973.D

Acq: 1 May 2018 10:00

Instrument :

BNA_F

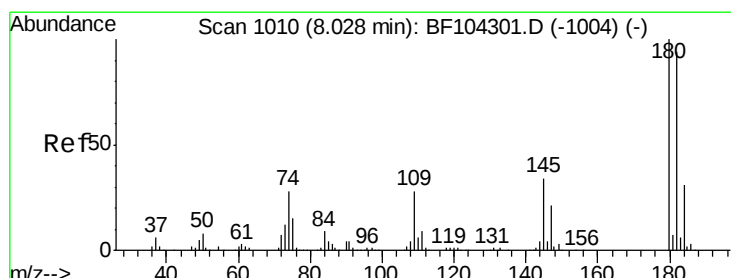
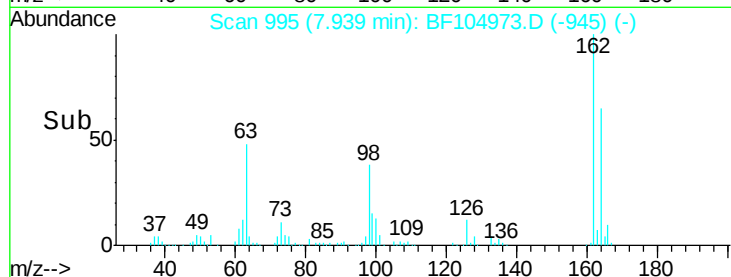
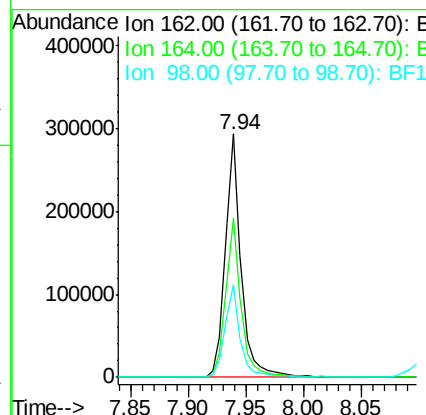
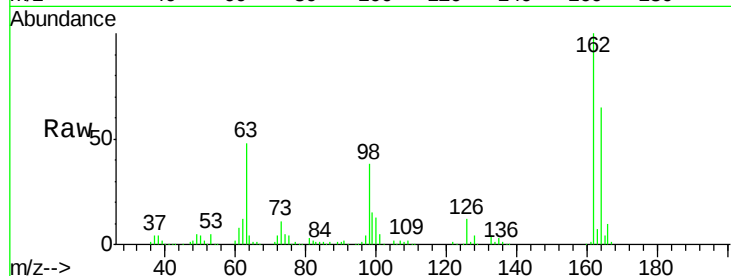
ClientSampleId :

PB108718BSD

Tot Ion:	162	Resp:	280655
Ion Ratio		Lower	Upper
162	100		
164	65.3	42.7	82.7
98	38.1	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 38.817 ng

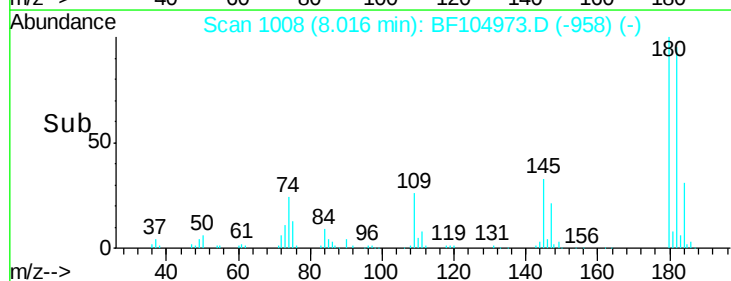
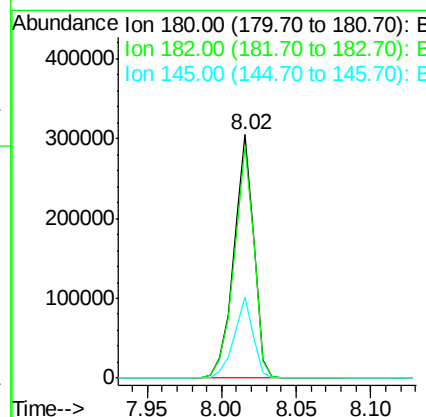
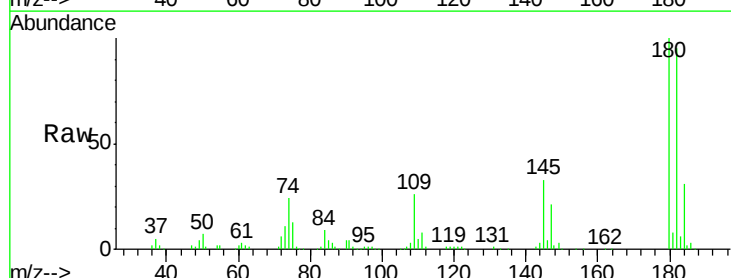
RT: 8.02 min Scan# 1008

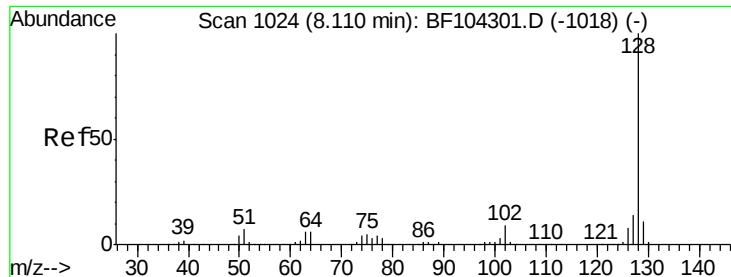
Delta R.T. -0.01 min

Lab File: BF104973.D

Acq: 1 May 2018 10:00

Tgt Ion:	180	Resp:	289874
Ion Ratio		Lower	Upper
180	100		
182	95.4	76.8	115.2
145	33.3	26.5	39.7





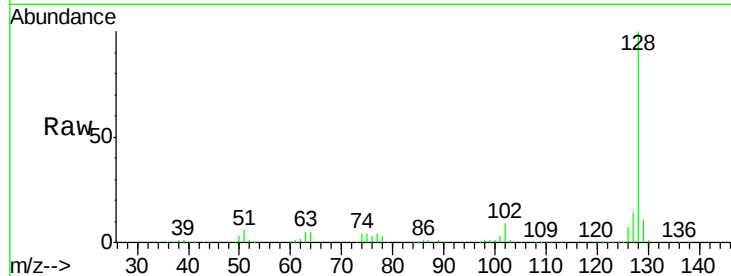
#31
Naphthalene
Concen: 38.083 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

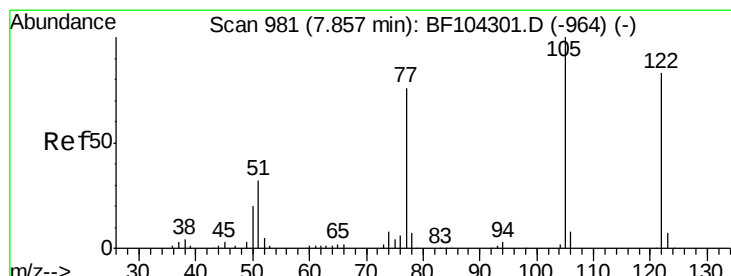
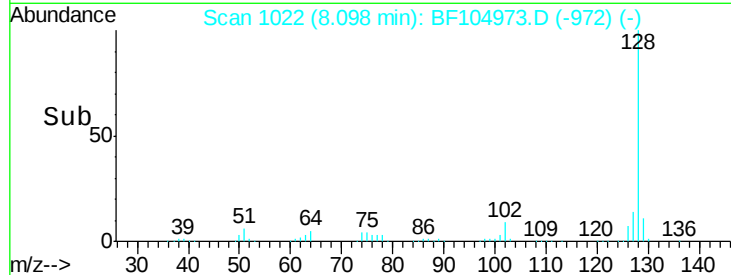
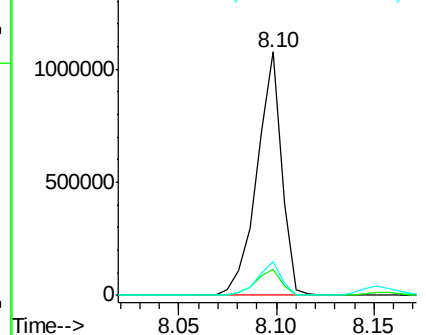
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.6	10.9	16.3

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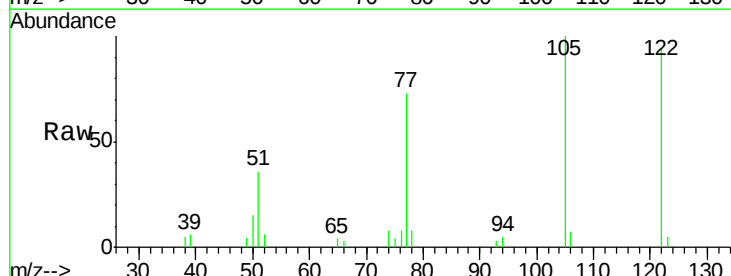


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

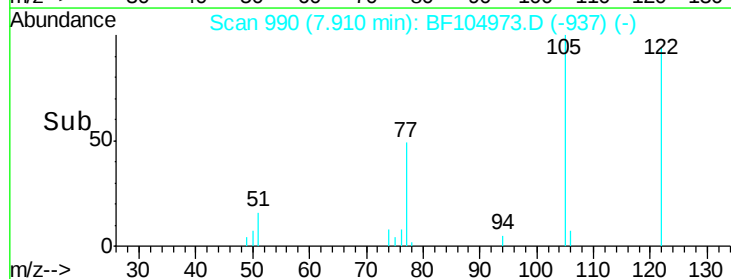
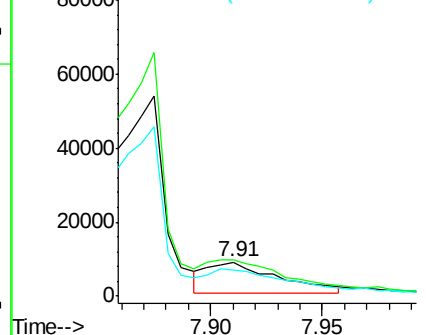


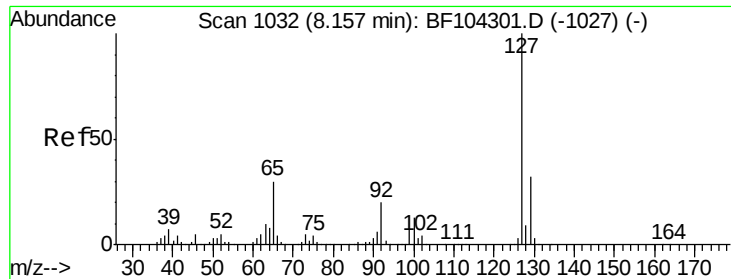
#32
Benzoic acid
Concen: 3.252 ng m
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	106.9	101.1	141.1
77	78.5	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





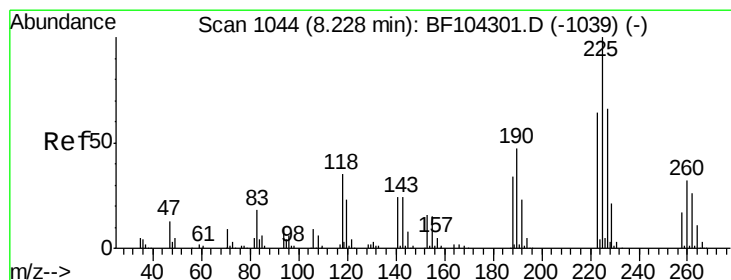
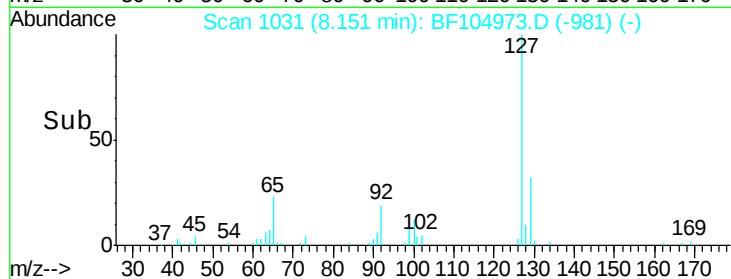
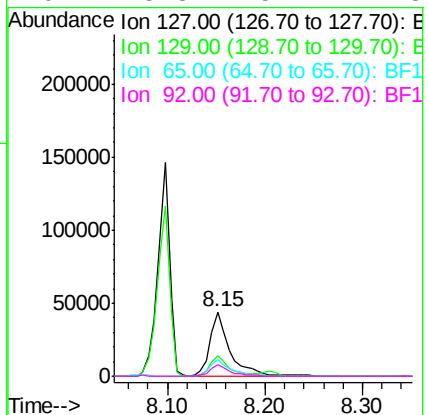
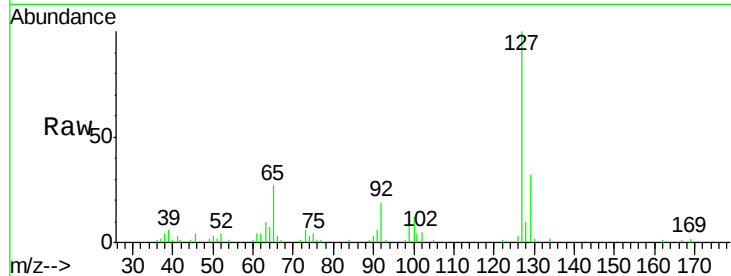
#33
4-Chloroaniline
Concen: 5.907 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

Tot Ion:	127	Resp:	62877
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.9	38.9
65	26.6	25.0	37.4
92	18.8	15.2	22.8

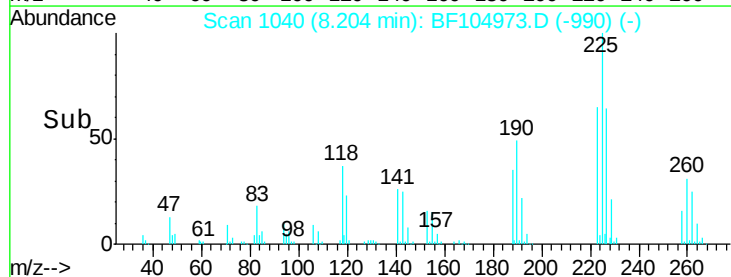
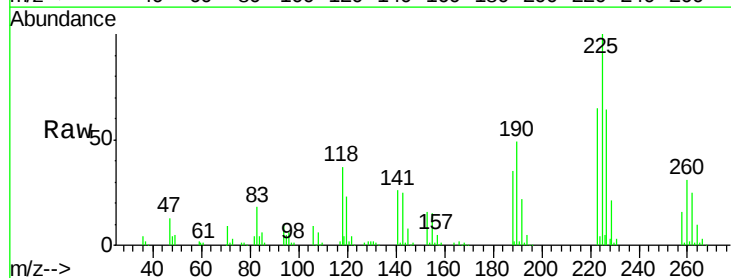
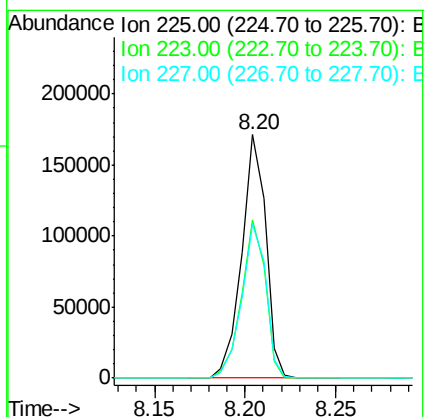
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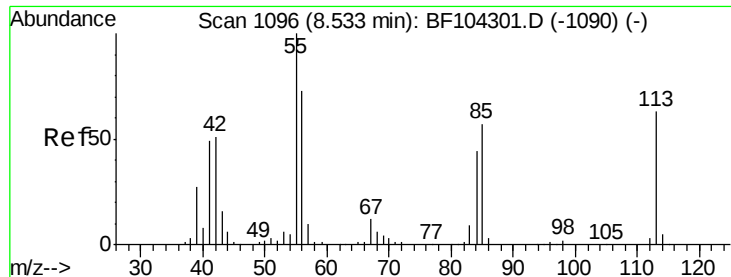
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#34
Hexachlorobutadiene
Concen: 38.762 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion:	225	Resp:	158551
Ion Ratio	Lower	Upper	
225	100		
223	64.8	50.6	76.0
227	63.5	51.9	77.9





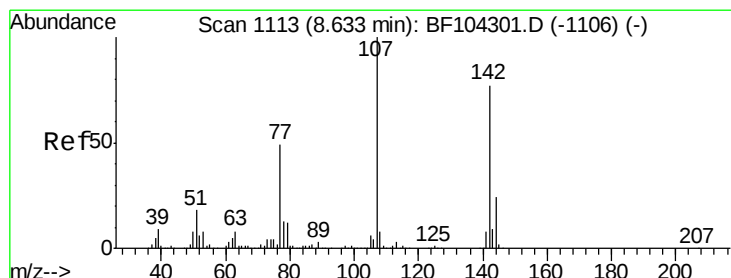
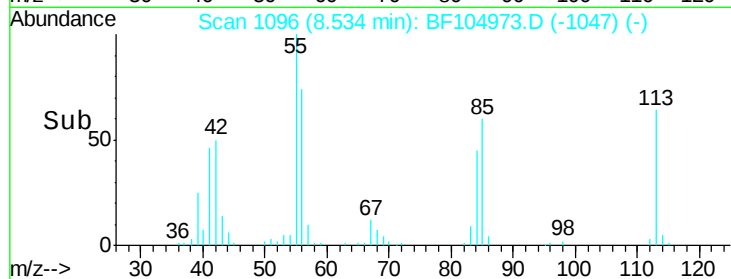
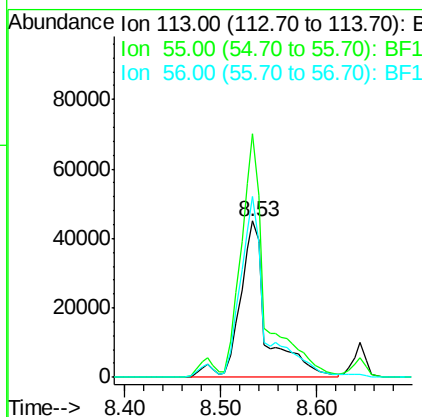
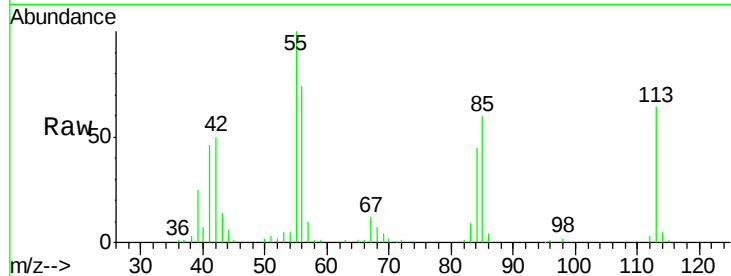
#35
 Caprolactam
 Concen: 37.407 ng/ml
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108718BSD

Tot Ion: 113 Resp: 88795
 Ion Ratio Lower Upper
 113 100
 55 155.6 163.3 203.3#
 56 115.6 115.7 155.7#

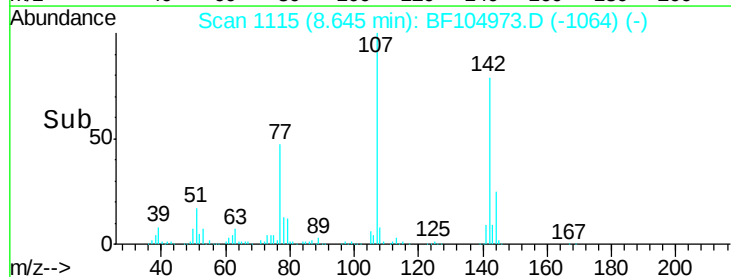
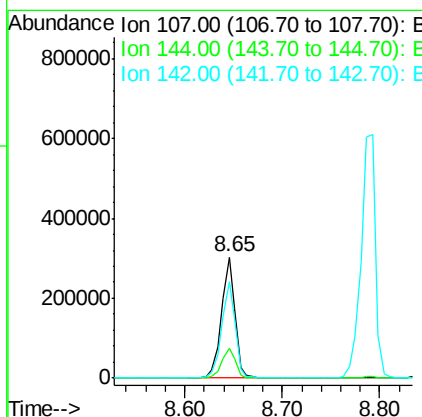
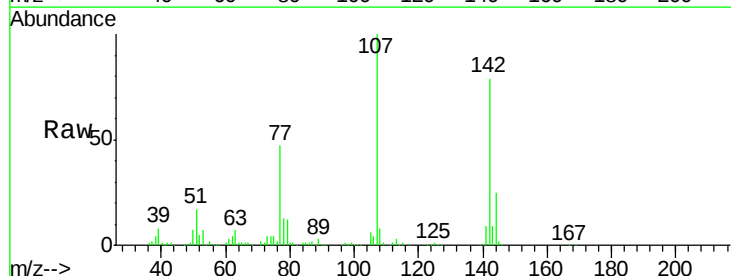
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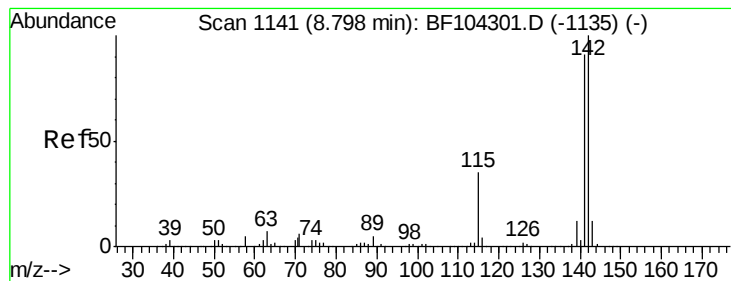
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#36
 4-Chloro-3-methylphenol
 Concen: 40.064 ng/ml
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Tgt Ion: 107 Resp: 292315
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.5 30.7
 142 79.2 62.0 93.0





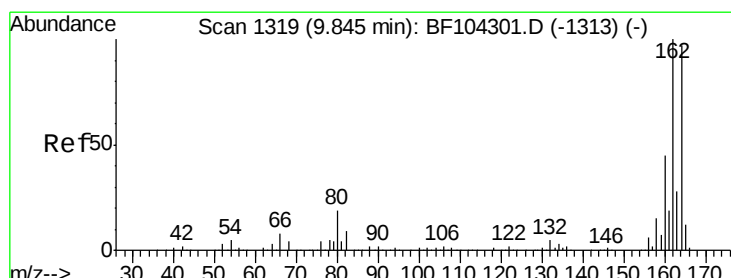
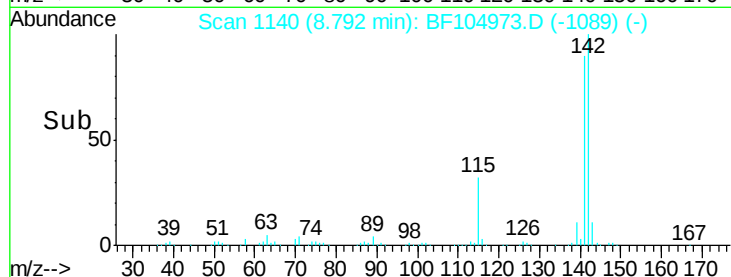
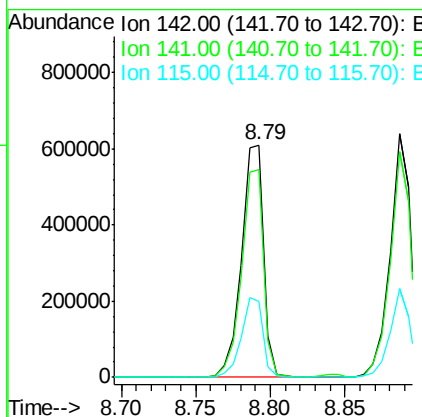
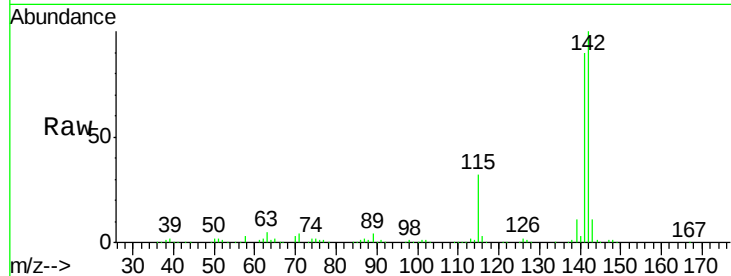
#37
2-Methylnaphthalene
Concen: 39.016 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	32.5	26.1	39.1

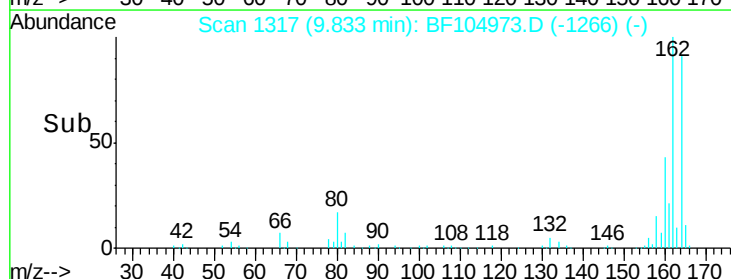
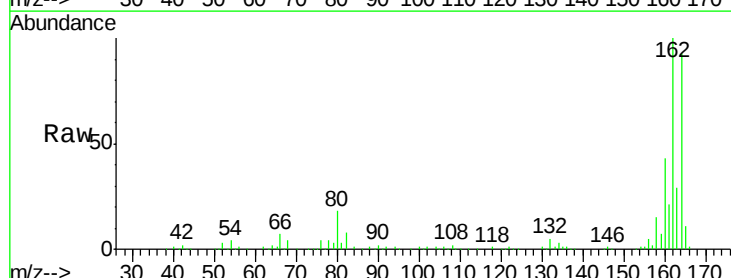
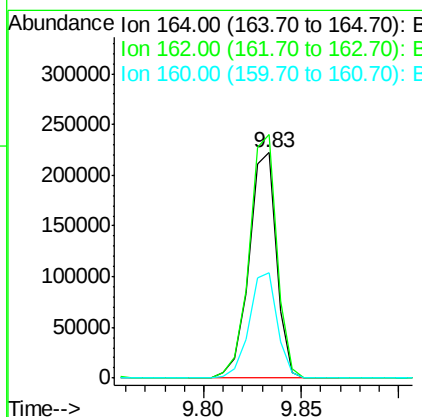
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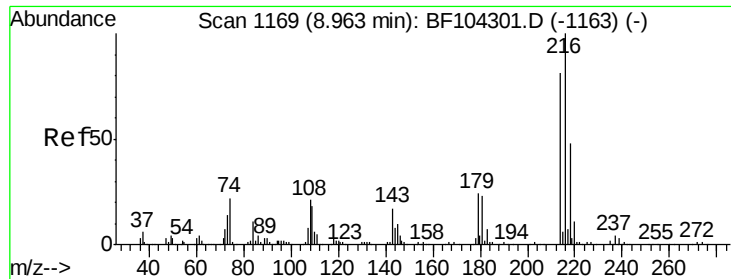
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.1	86.1	129.1
160	46.7	38.3	57.5





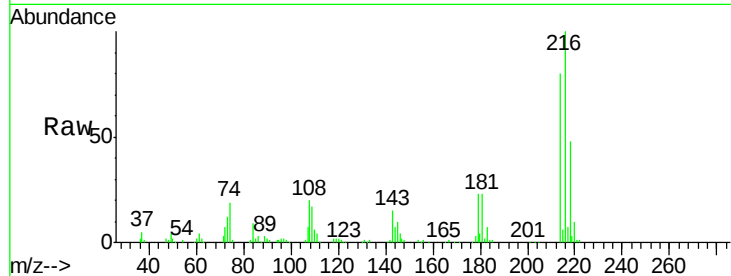
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.727 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108718BSD

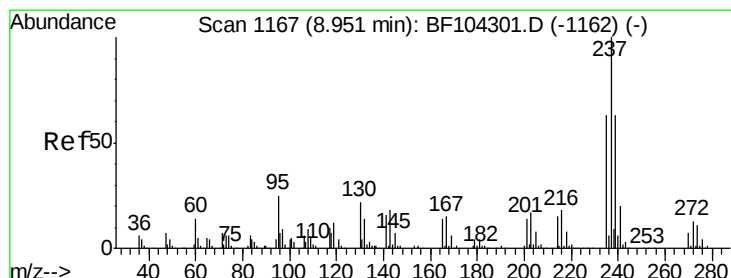
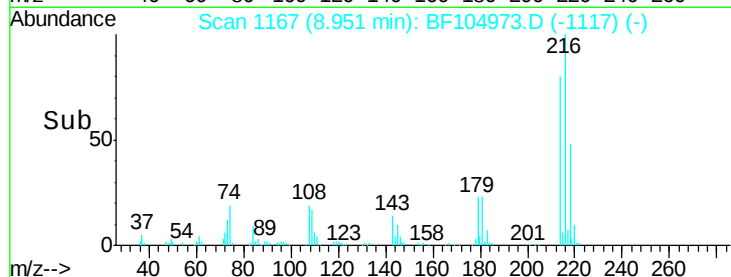
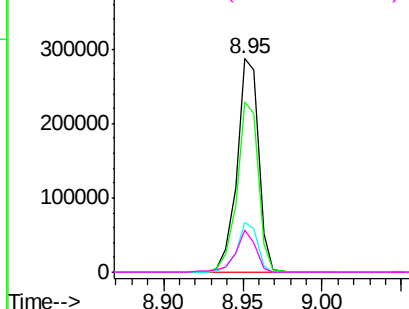
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		271770		
214	78.8		63.0	94.4	
179	22.3		18.1	27.1	
108	18.4		17.2	25.8	

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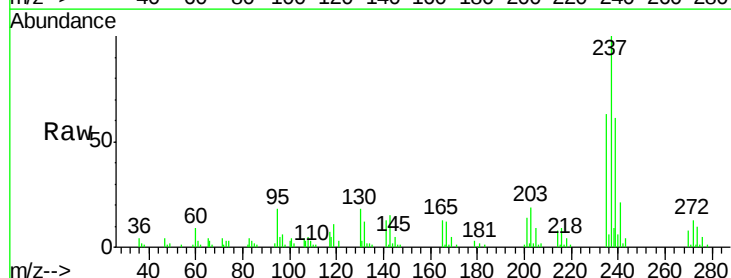


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

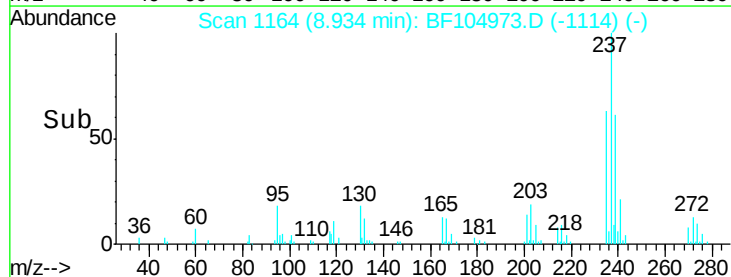
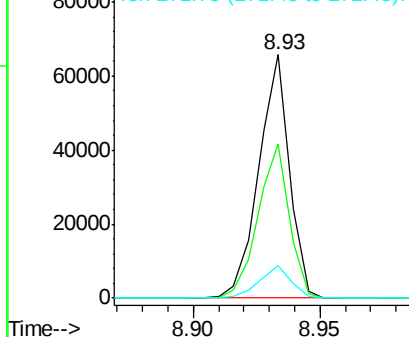


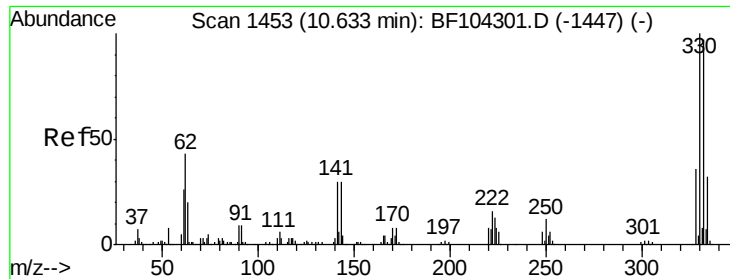
#40
 Hexachlorocyclopentadiene
 Concen: 15.878 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		55248		
235	63.3		44.8	84.8	
272	13.4		0.0	33.3	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





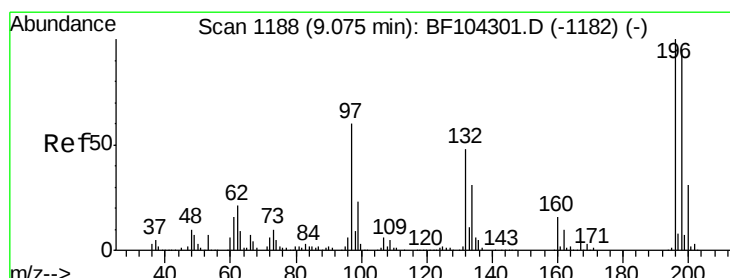
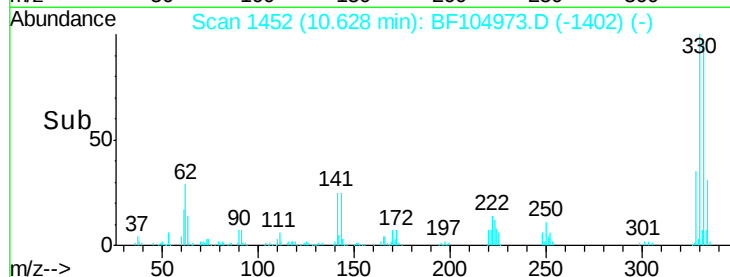
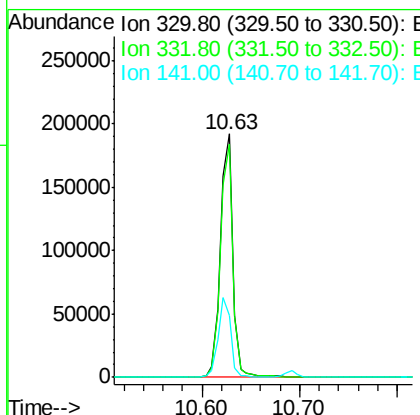
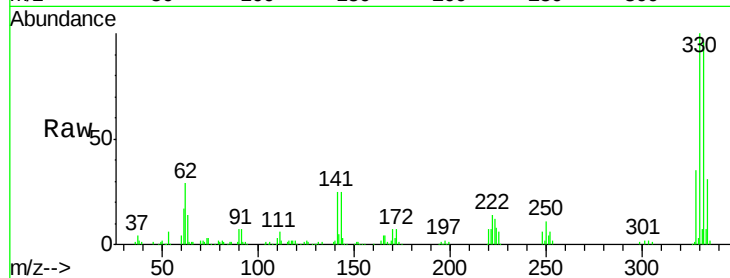
#41
 2,4,6-Tribromophenol
 Concen: 76.309 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108718BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	171864		
332	96.1	77.0	115.6	
141	32.9	29.9	44.9	

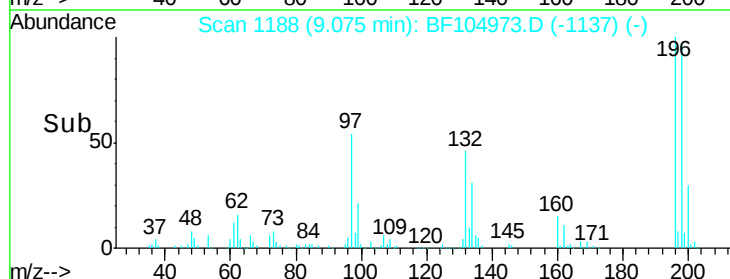
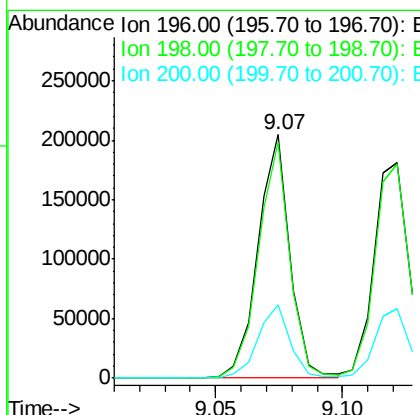
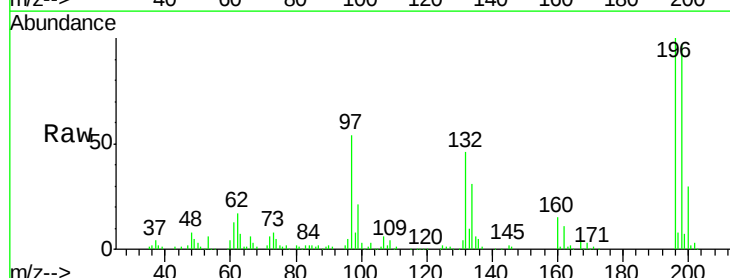
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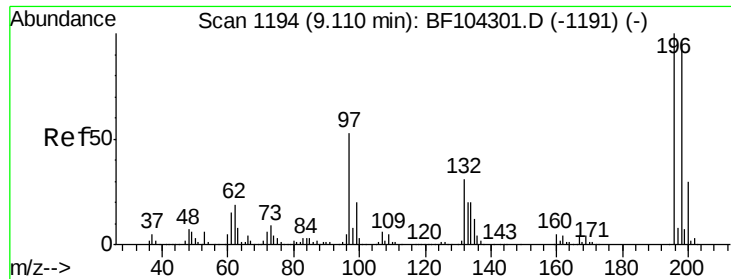
Sohil
 5/1/2018 7:05:55 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.450 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	178833		
198	97.2	75.7	113.5	
200	30.2	24.5	36.7	





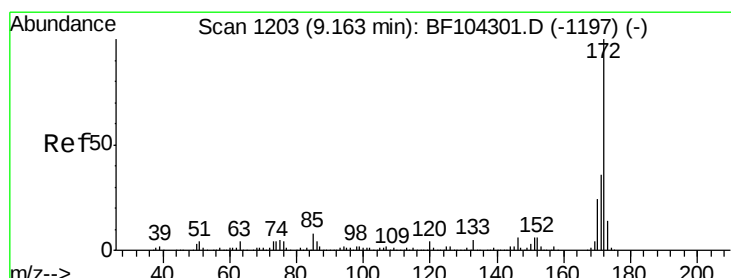
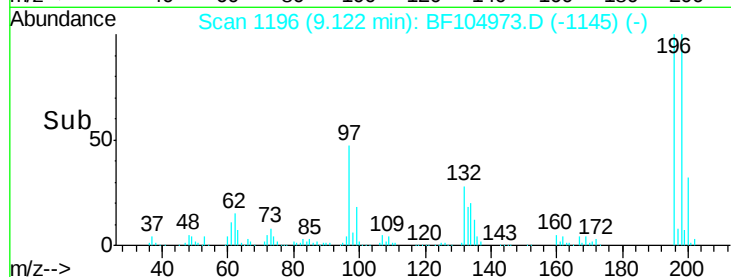
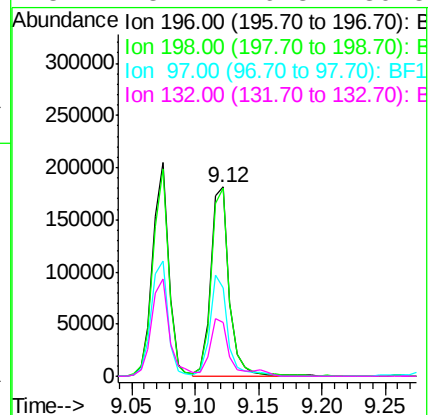
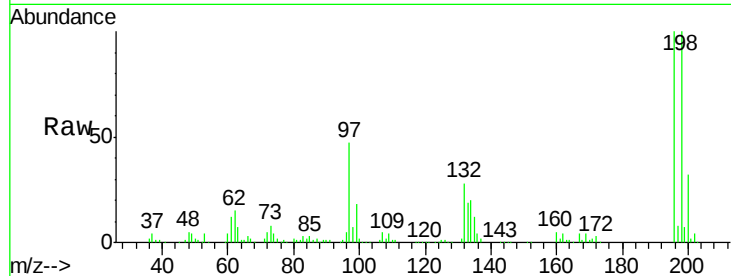
#43
 2,4,5-Trichlorophenol
 Concen: 38.211 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108718BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		184484		
198	99.6	74.6	112.0		
97	47.0	42.9	64.3		
132	28.2	26.3	39.5		

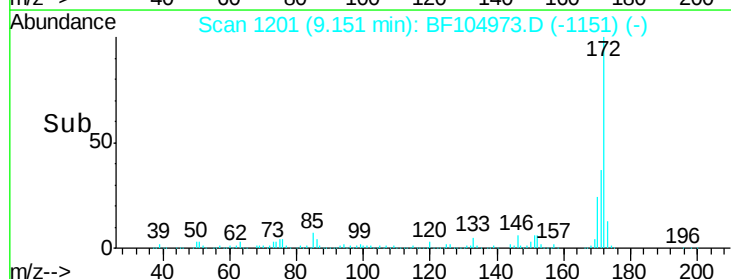
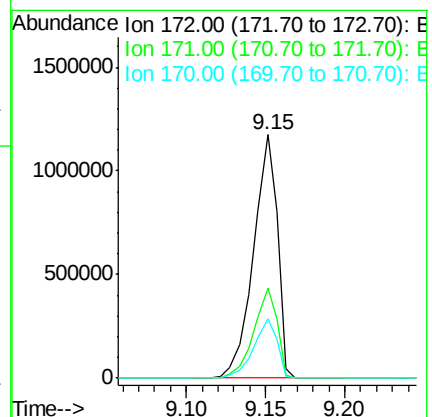
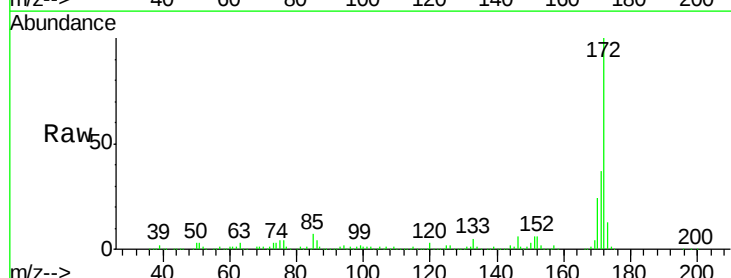
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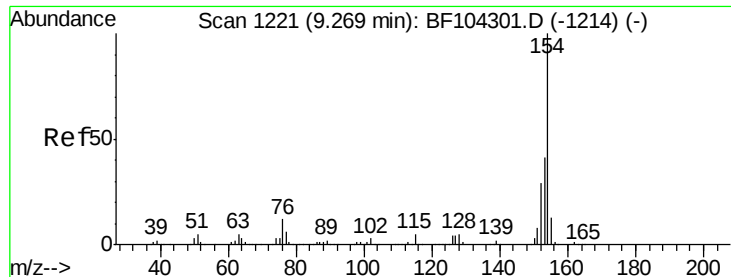
Sohil
 5/1/2018 7:05:55 PM



#44
 2-Fluorobiphenyl
 Concen: 88.903 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1221860		
171	37.0	29.7	44.5		
170	24.3	19.6	29.4		





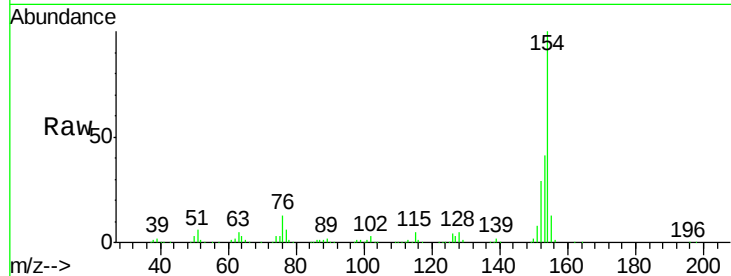
#45
1,1'-Biphenyl
Concen: 40.637 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Instrument :
BNA_F
ClientSampled :
PB108718BSD

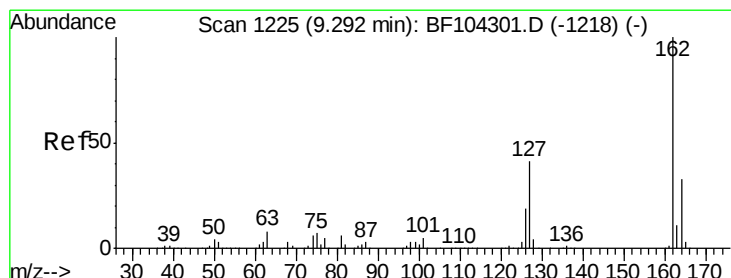
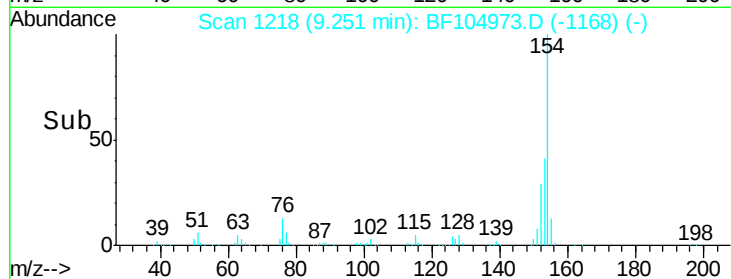
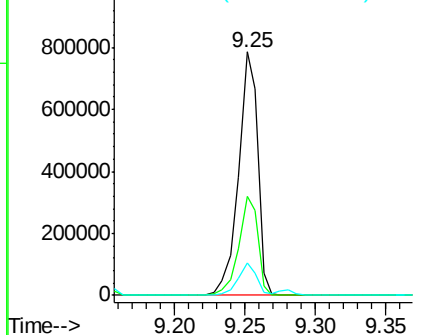
Tot Ion	Ratio	Resp	Lower	Upper
154	100	741193		
153	40.9	21.3	61.3	
76	13.2	0.0	34.0	

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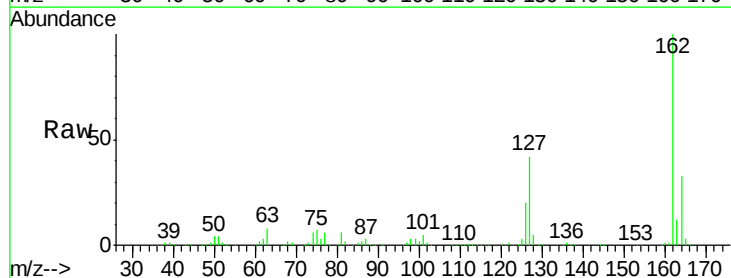


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

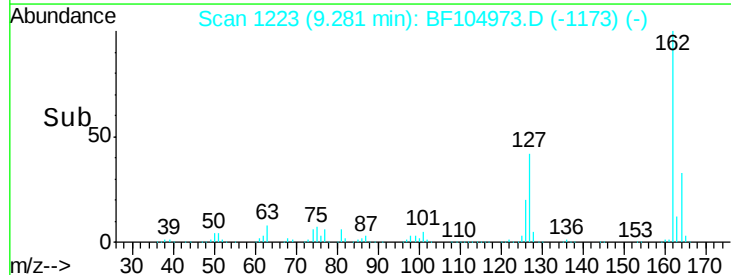
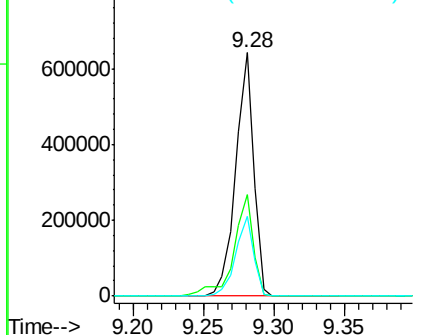


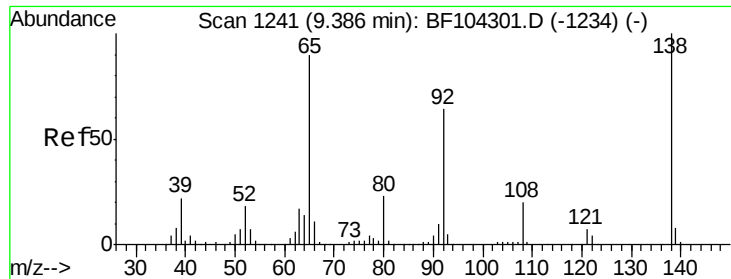
#46
2-Chloronaphthalene
Concen: 39.680 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	571662		
127	41.8	33.9	50.9	
164	32.9	26.5	39.7	



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





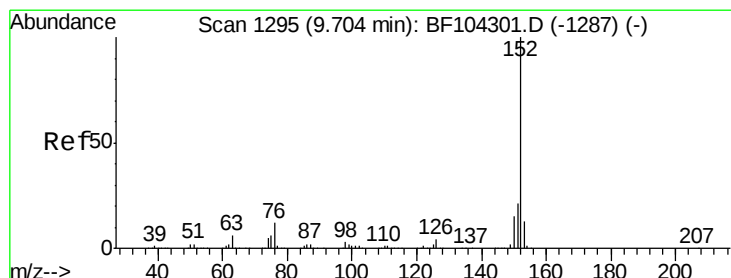
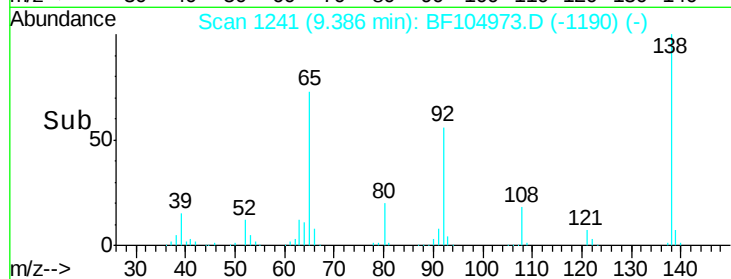
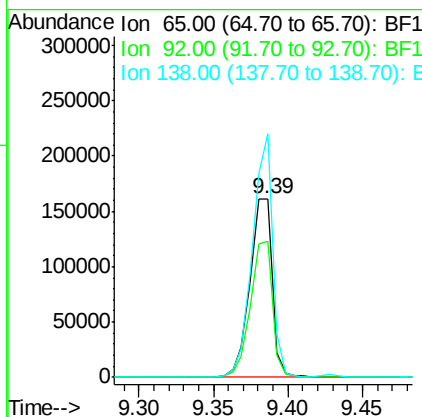
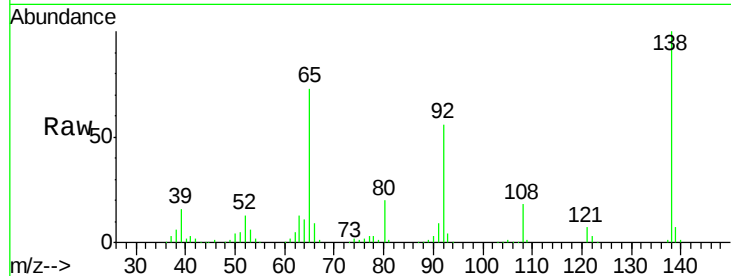
#47
2-Nitroaniline
Concen: 46.825 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.3	55.8	83.6
138	136.2	91.2	136.8

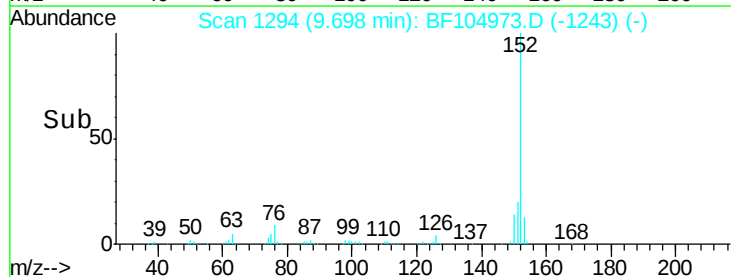
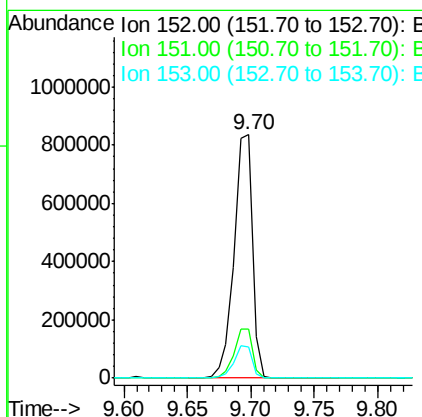
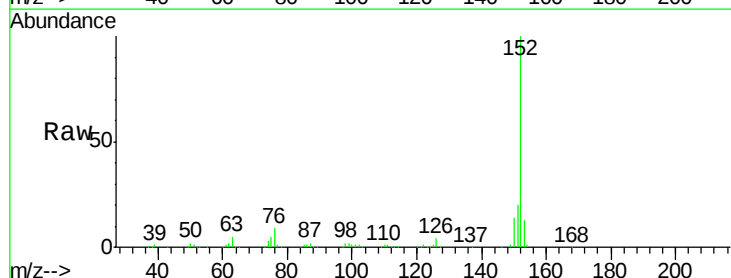
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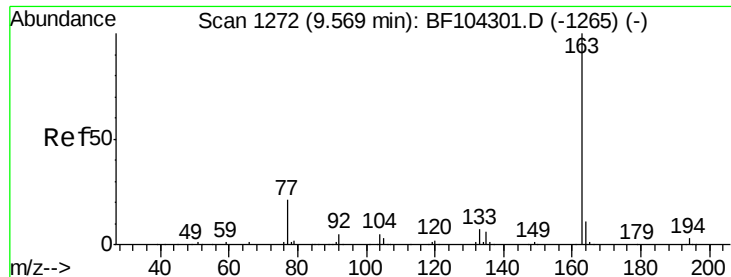
Sohil
5/1/2018 7:05:55 PM



#48
Acenaphthylene
Concen: 36.767 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	12.9	10.7	16.1





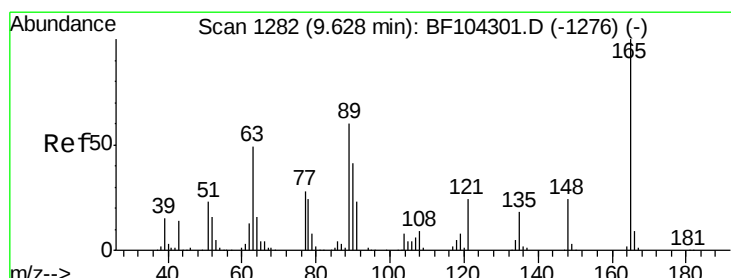
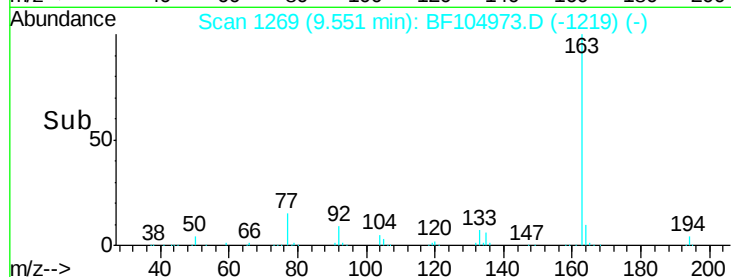
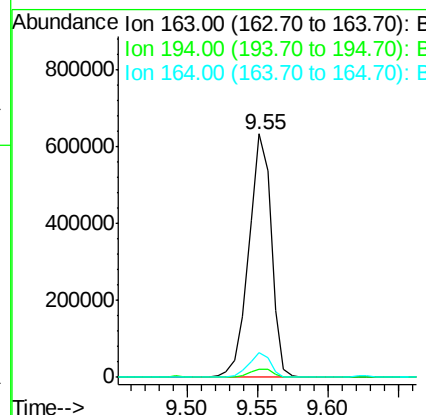
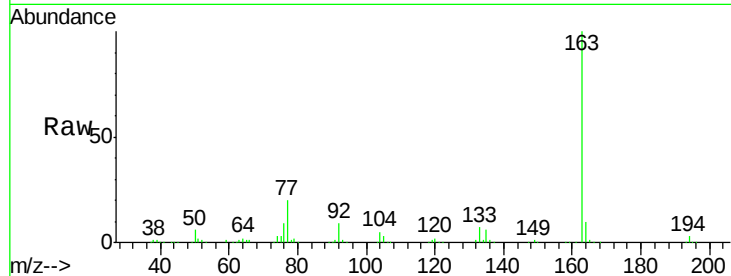
#49
Dimethylphthalate
Concen: 41.312 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	707315		
194	3.5		2.7	4.1
164	10.4		8.2	12.2

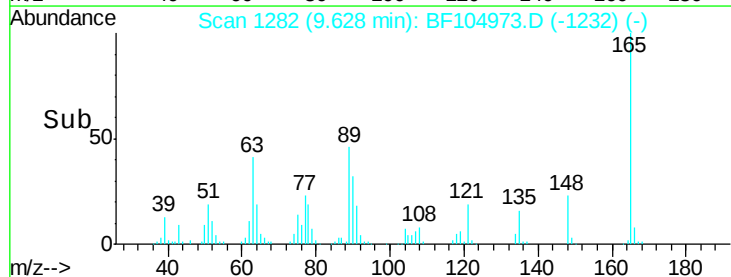
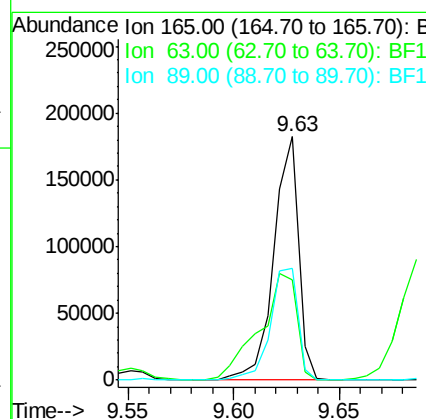
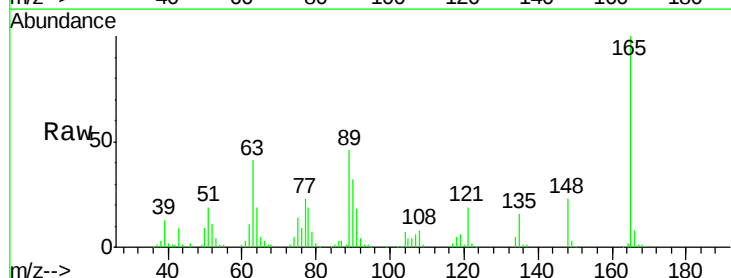
Manual Integrations
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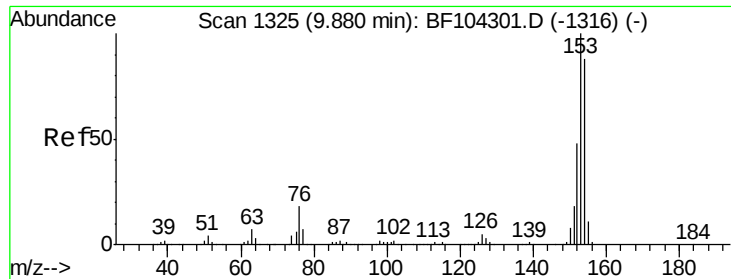
Sohil
5/1/2018 7:05:55 PM



#50
2,6-Dinitrotoluene
Concen: 46.845 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	148411		
63	41.4		44.7	67.1#
89	46.1		44.0	66.0





#51

Acenaphthene

Concen: 36.062 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF104973.D

Acq: 1 May 2018 10:00

Instrument :

BNA_F

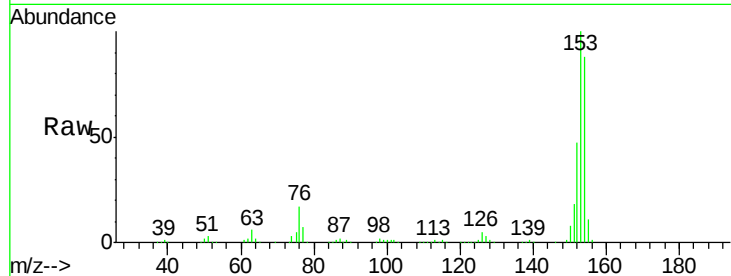
ClientSampleId :

PB108718BSD

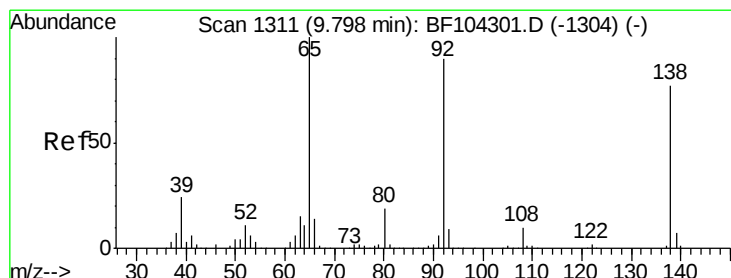
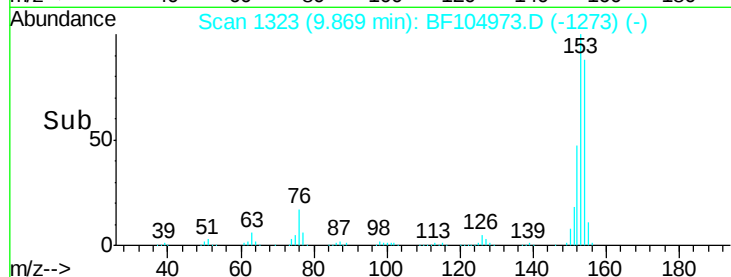
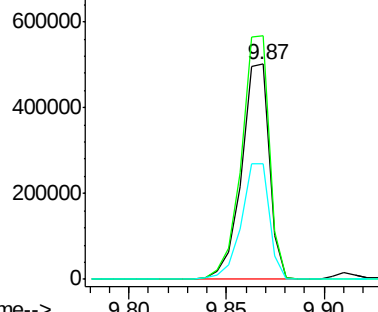
Tot Ion:	154	Resp:	497342
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.2	136.8
152	53.5	43.8	65.8

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



#52

3-Nitroaniline

Concen: 19.691 ng

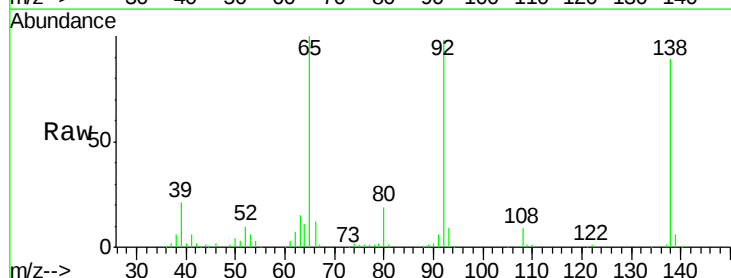
RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

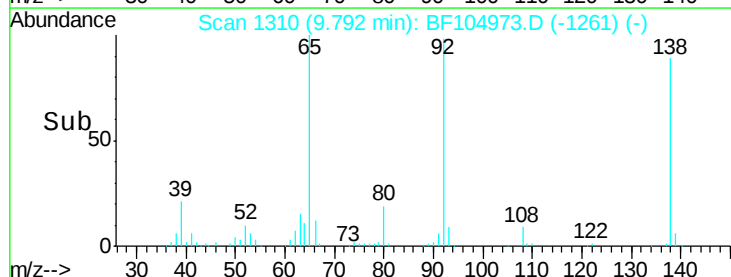
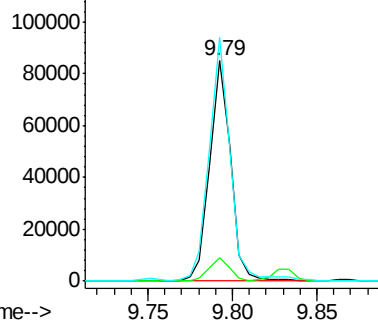
Lab File: BF104973.D

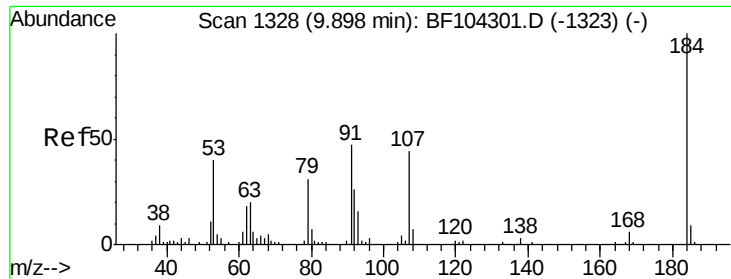
Acq: 1 May 2018 10:00

Tgt Ion:	138	Resp:	73032
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	110.7	89.4	134.2



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





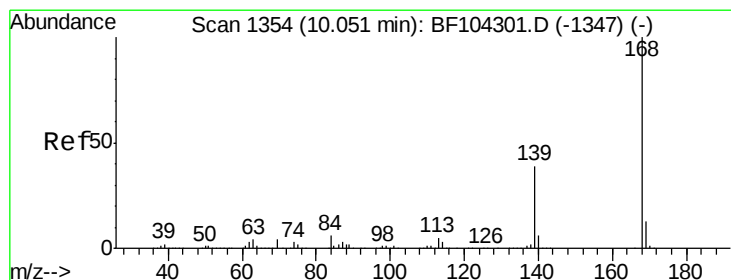
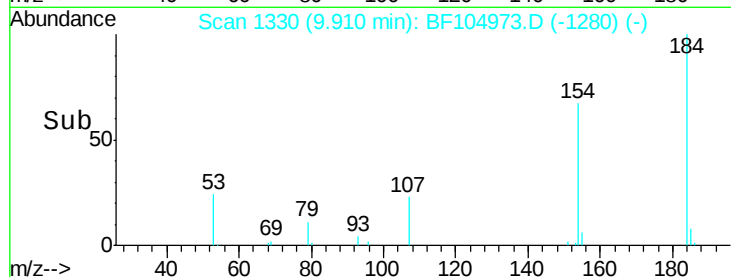
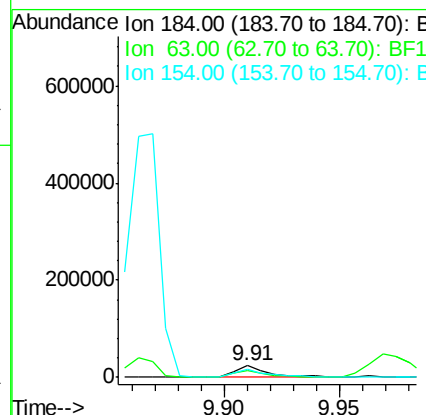
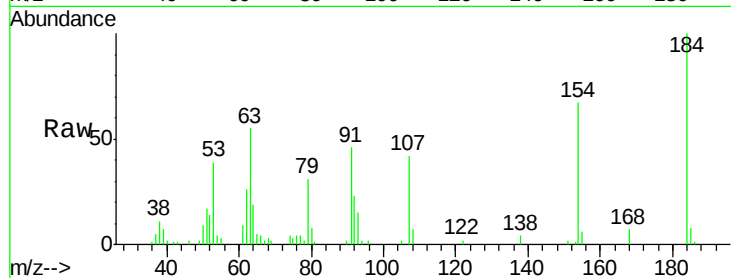
#53
 2,4-Dinitrophenol
 Concen: 29.446 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108718BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	54.7	54.2	81.2
154	67.3	184.0	276.0#

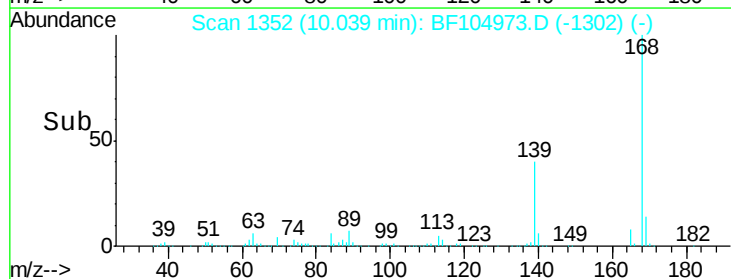
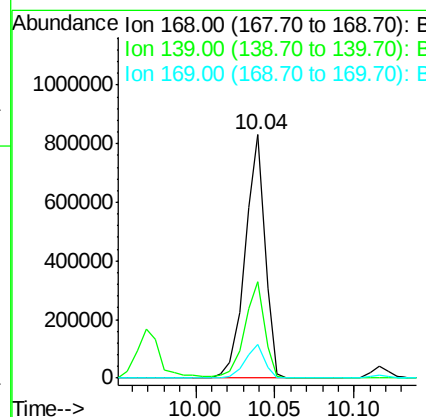
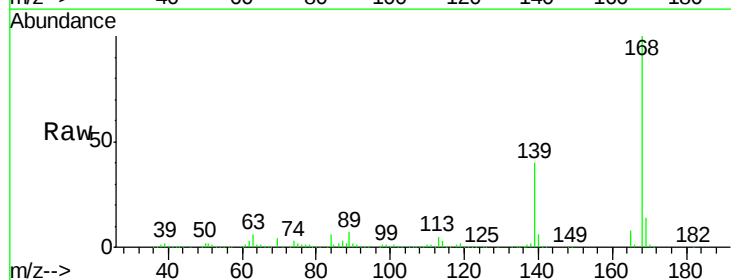
Manual Integrations
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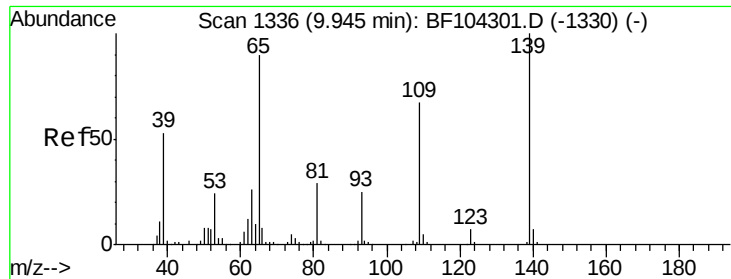
Sohil
 5/1/2018 7:05:55 PM



#54
 Dibenzofuran
 Concen: 37.437 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.1	45.1
169	13.9	10.9	16.3





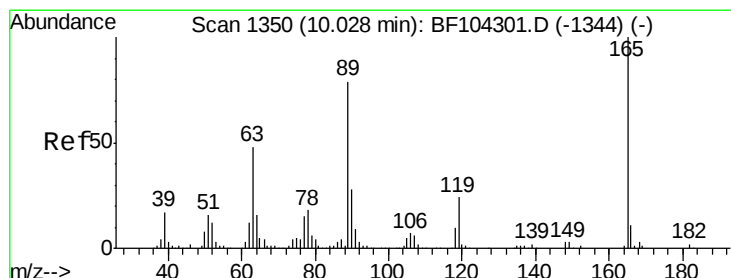
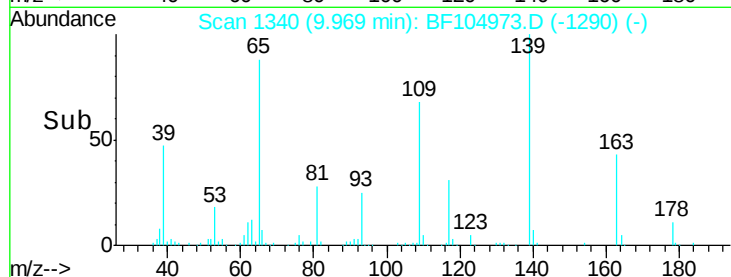
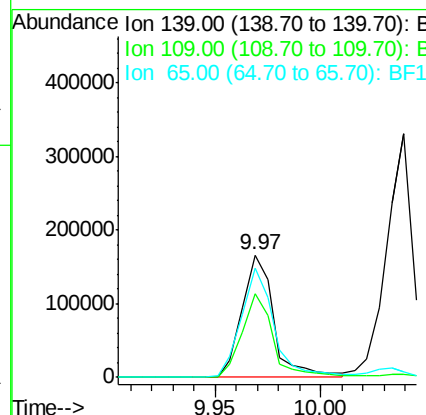
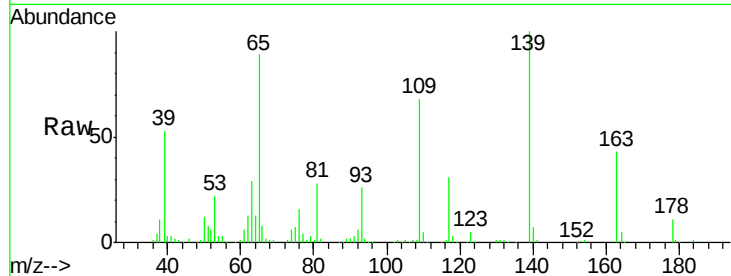
#55
4-Nitrophenol
Concen: 59.683 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	68.2	48.4	88.4	
65	88.7	72.6	112.6	

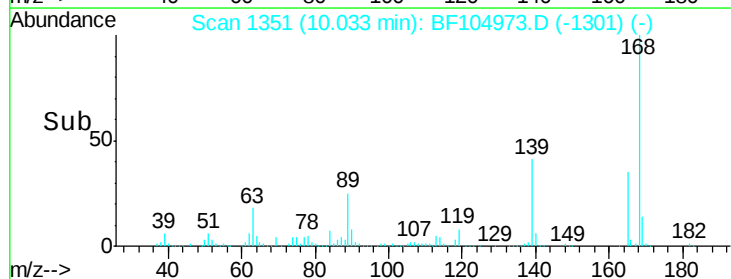
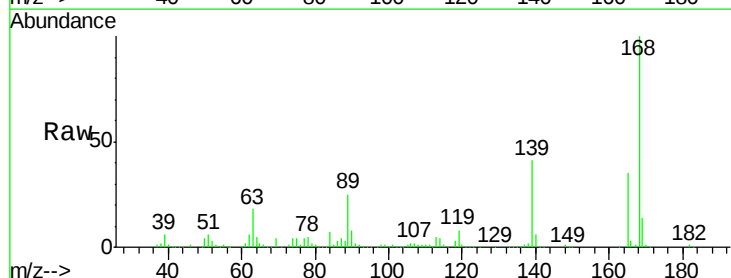
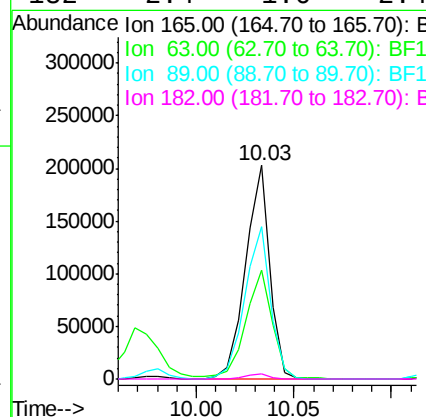
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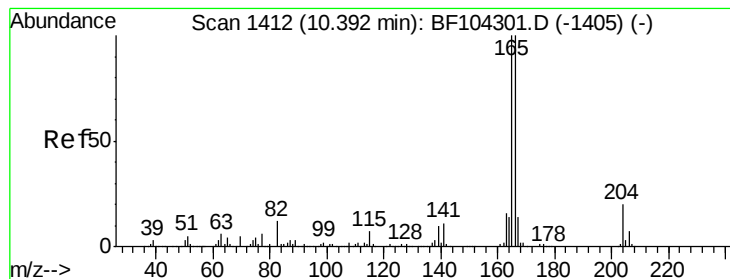
Sohil
5/1/2018 7:05:55 PM



#56
2,4-Dinitrotoluene
Concen: 41.825 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.1	36.4	54.6	
89	71.3	57.8	86.6	
182	2.4	1.6	2.4	





#57

Fluorene

Concen: 40.622 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF104973.D

Acq: 1 May 2018 10:00

Instrument :

BNA_F

ClientSampleId :

PB108718BSD

Tot Ion:166 Resp: 568288

Ion Ratio Lower Upper

166 100

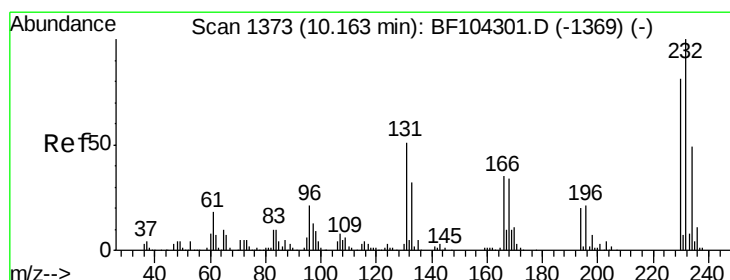
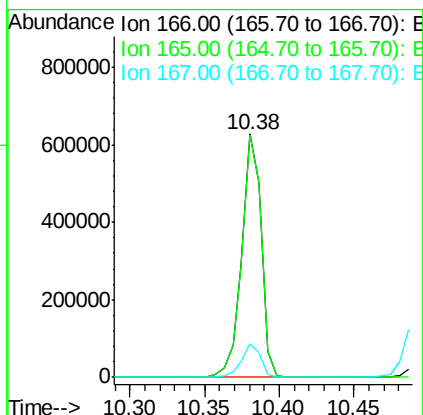
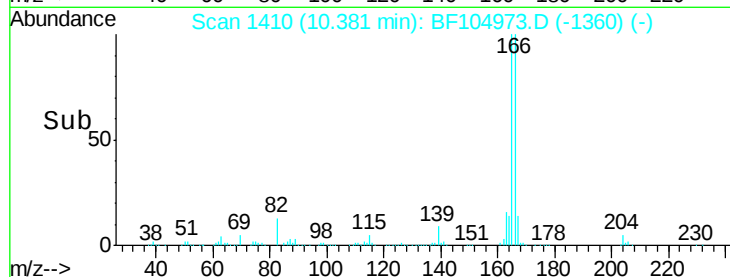
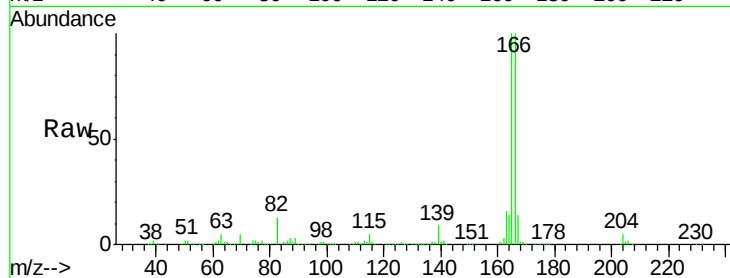
165 99.6 79.8 119.8

167 13.7 10.6 16.0

Manual Integrations
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Sohil

5/1/2018 7:05:55 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.055 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF104973.D

Acq: 1 May 2018 10:00

Tgt Ion:232 Resp: 137072

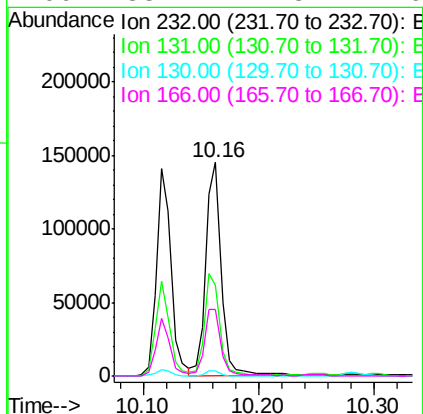
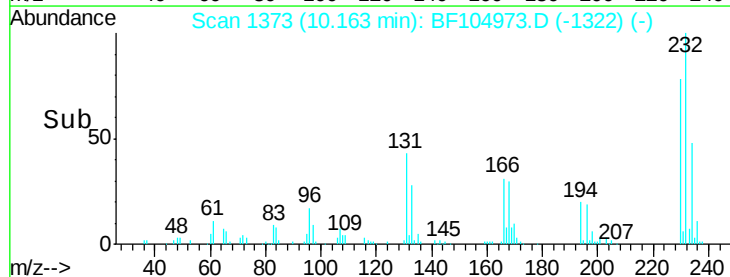
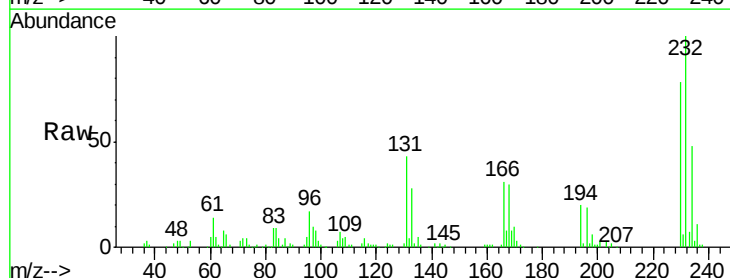
Ion Ratio Lower Upper

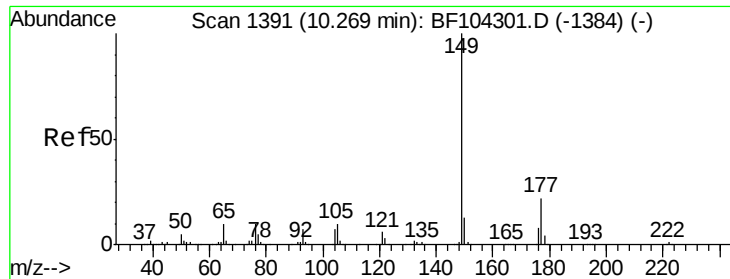
232 100

131 47.2 43.8 65.8

130 2.2 2.1 3.1

166 33.4 27.8 41.6





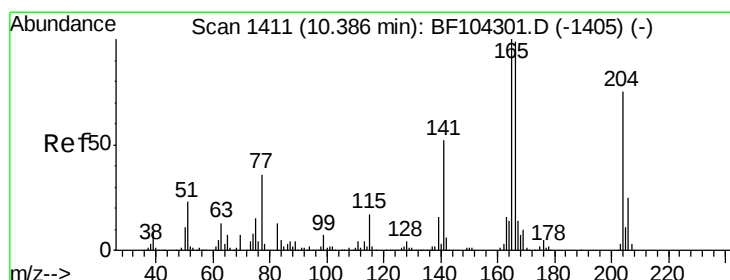
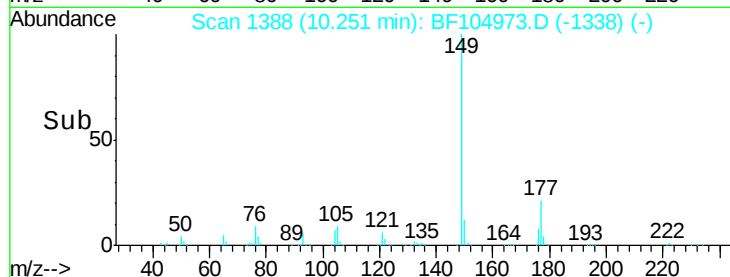
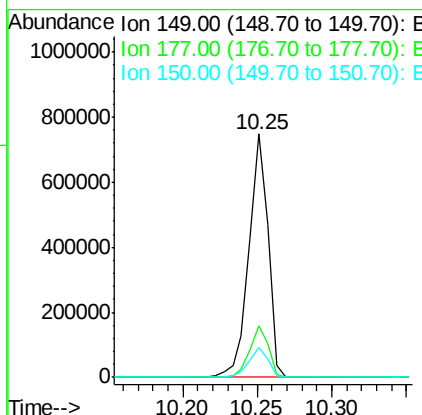
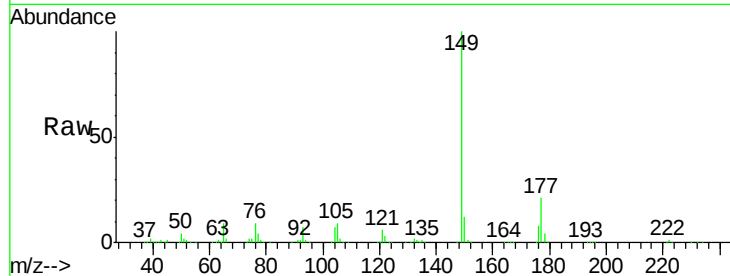
#59
Diethylphthalate
Concen: 38.691 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.1	24.1
150	12.4	10.1	15.1

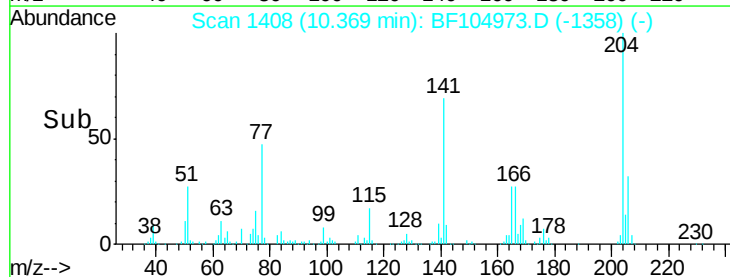
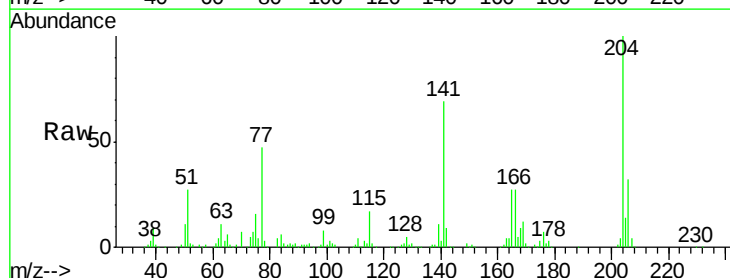
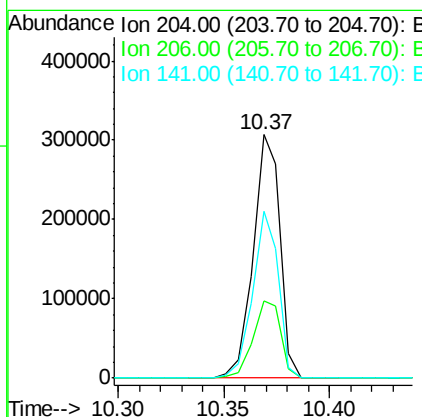
Manual Integrations
APPROVED

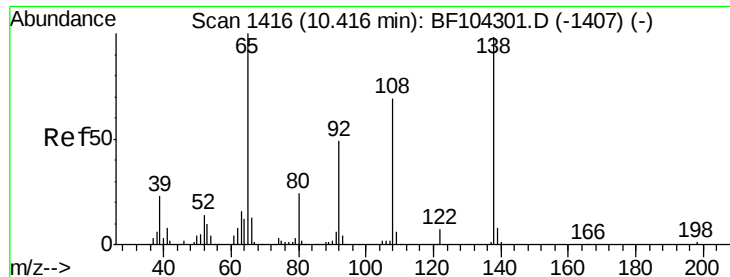
Sohil
5/1/2018 7:05:55 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.492 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.5	39.7
141	68.6	54.6	81.8





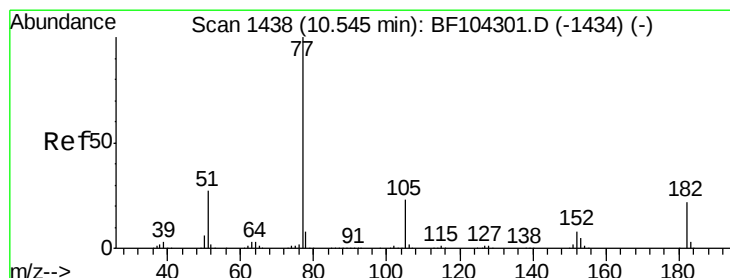
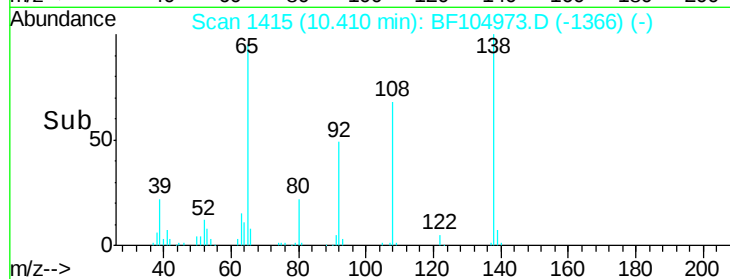
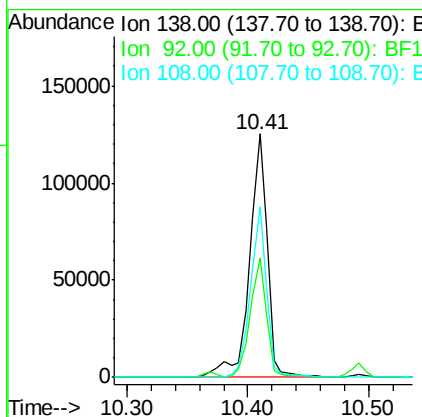
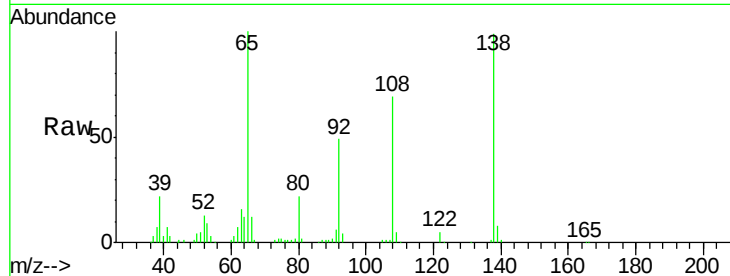
#61
4-Nitroaniline
Concen: 35.755 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	129664		
92	49.2	30.2	70.2	
108	70.2	52.5	92.5	

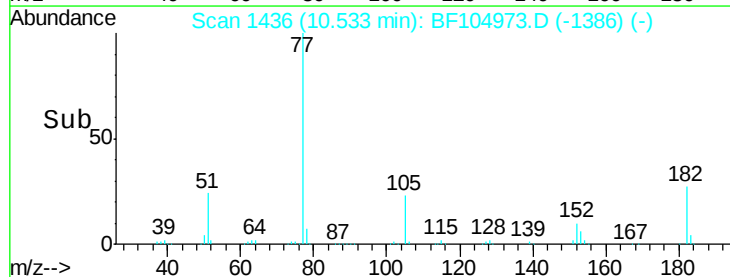
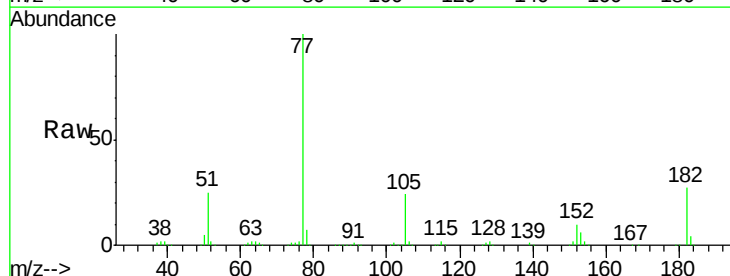
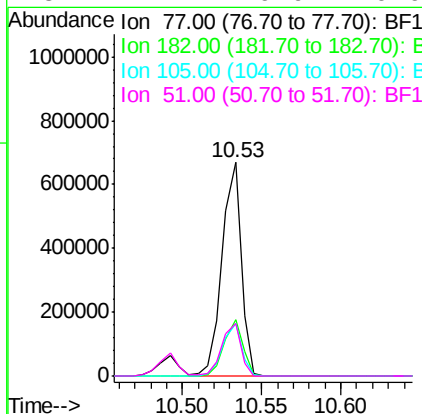
Manual Integrations
APPROVED

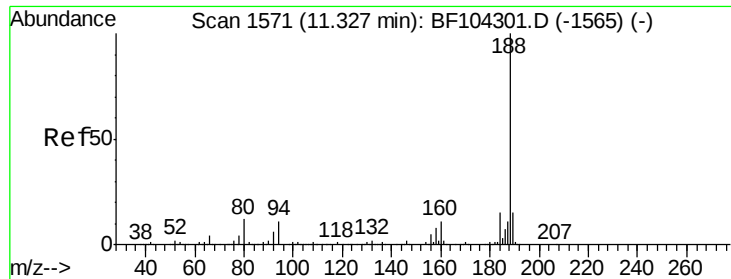
Sohil
5/1/2018 7:05:55 PM



#62
Azobenzene
Concen: 34.676 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	564911		
182	26.7	1.7	41.7	
105	24.3	3.0	43.0	
51	24.7	9.9	49.9	





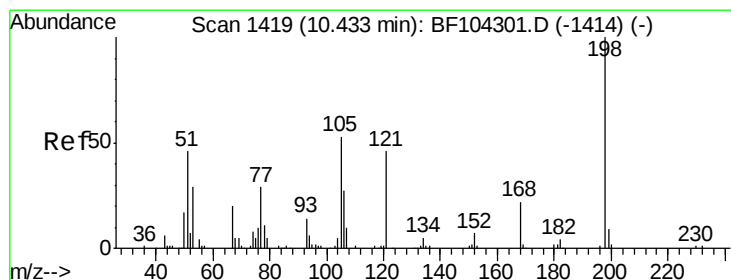
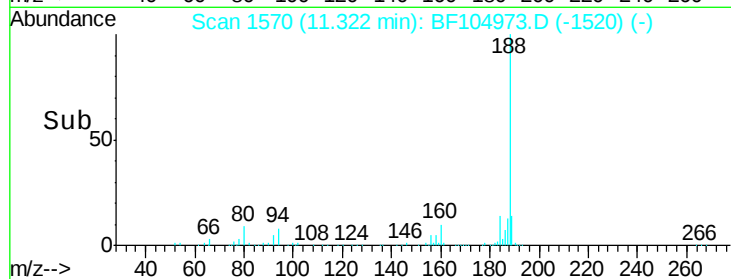
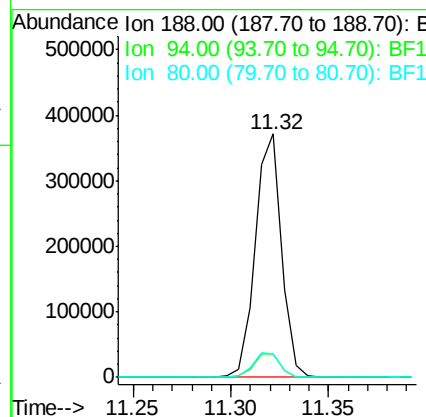
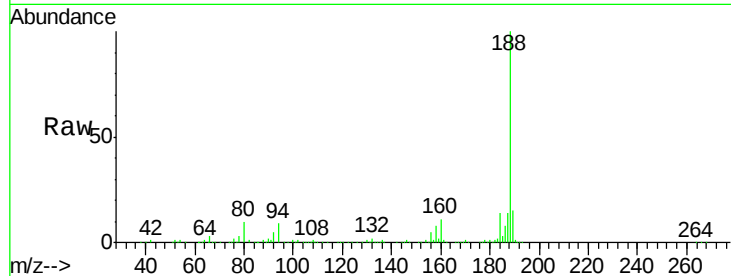
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.7	9.2	13.8

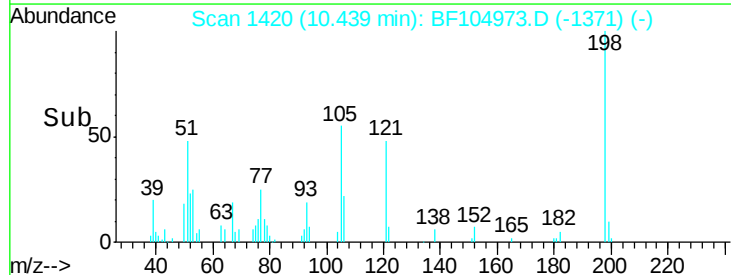
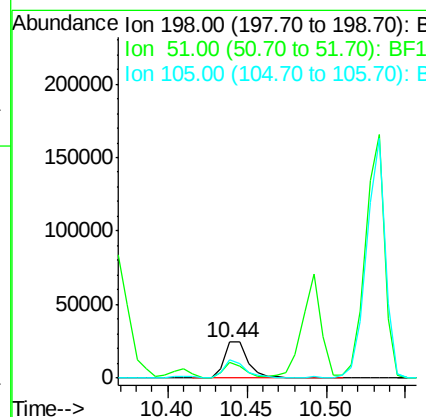
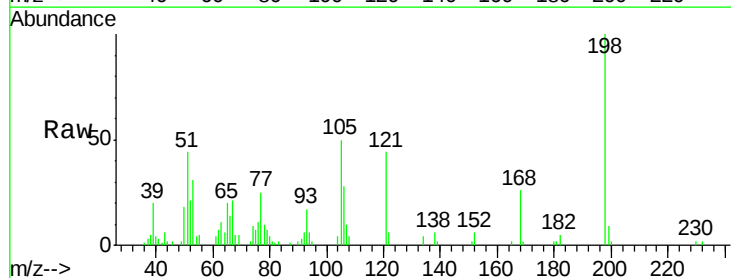
Manual Integrations
APPROVED

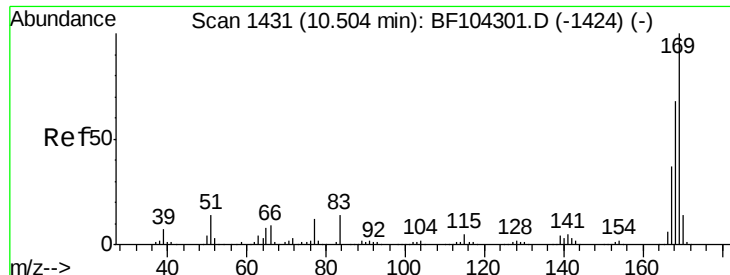
Sohil
5/1/2018 7:05:55 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 20.457 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	44.0	37.7	77.7
105	50.4	36.3	76.3





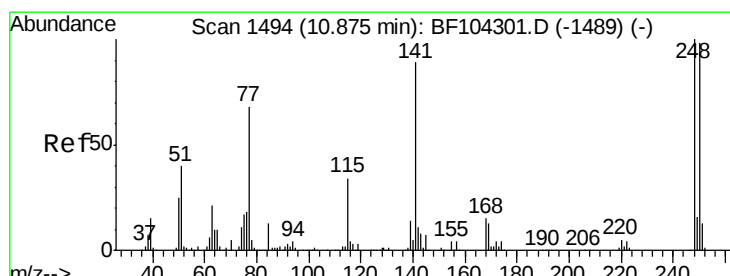
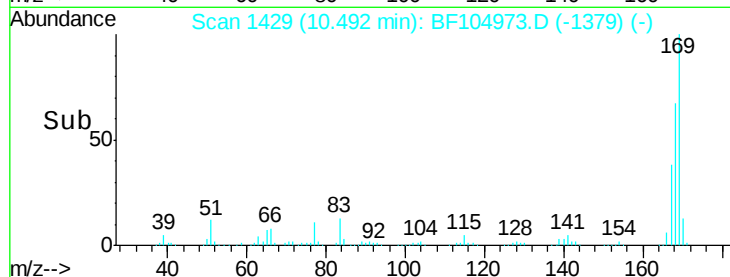
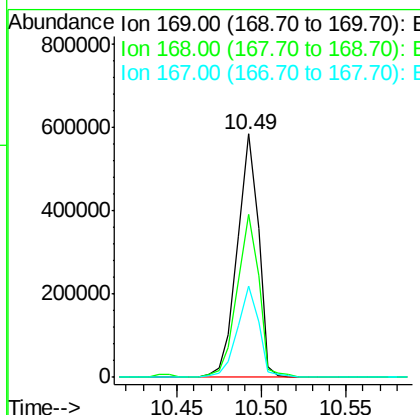
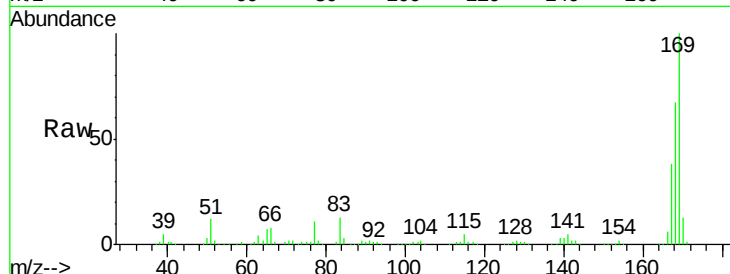
#65
 n-Nitrosodiphenylamine
 Concen: 42.880 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108718BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	511715		
168	67.1		54.4	81.6
167	37.6		29.8	44.6

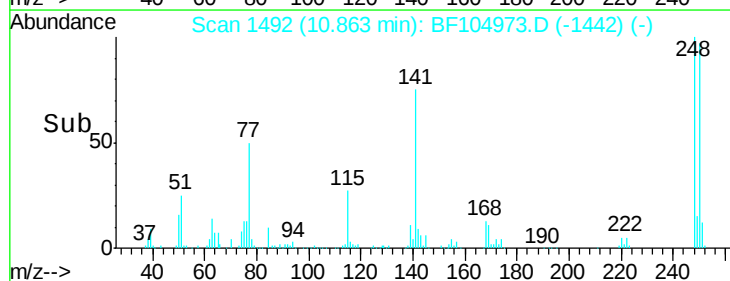
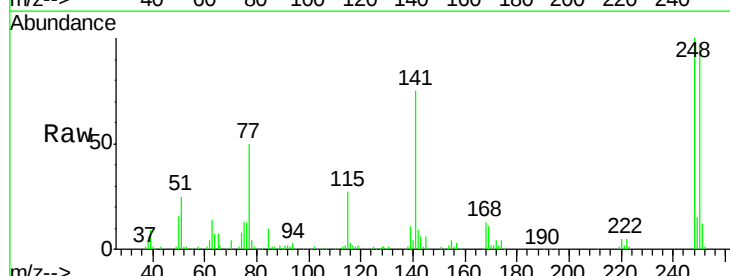
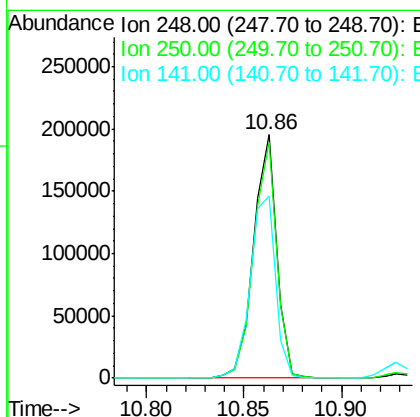
Manual Integrations
 APPROVED

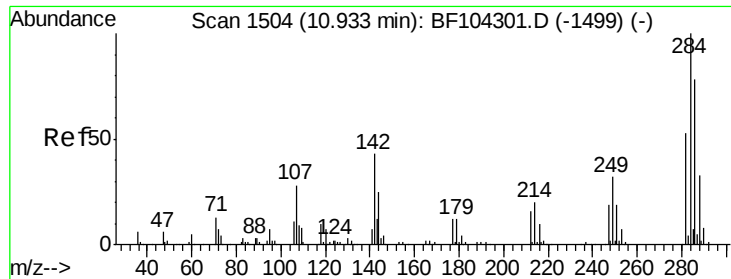
Sohil
 5/1/2018 7:05:55 PM



#66
 4-Bromophenyl-phenylether
 Concen: 43.816 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	160410		
250	97.1		76.9	115.3
141	74.8		74.4	111.6





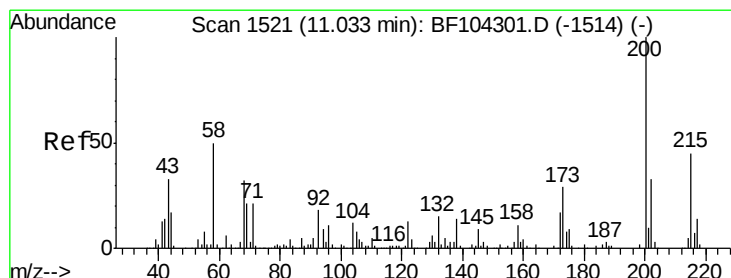
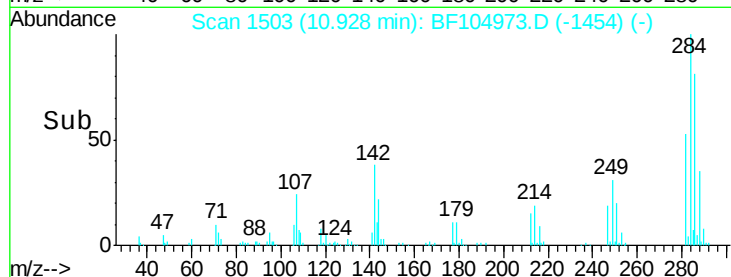
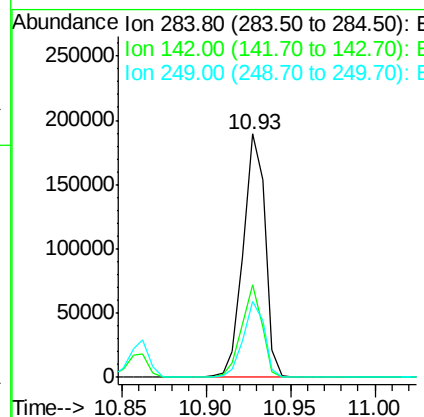
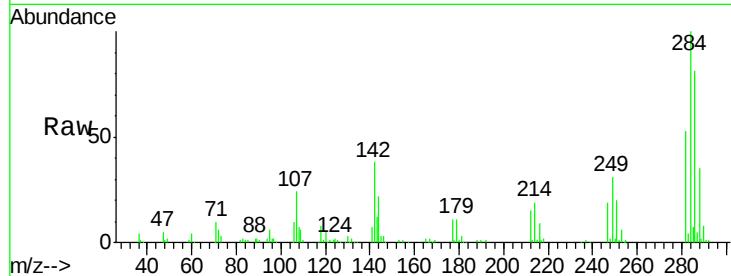
#67
Hexachlorobenzene
Concen: 41.669 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	171652		
142	38.1	34.6	52.0	
249	31.2	24.8	37.2	

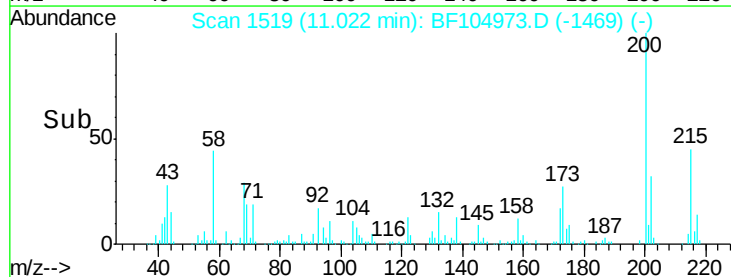
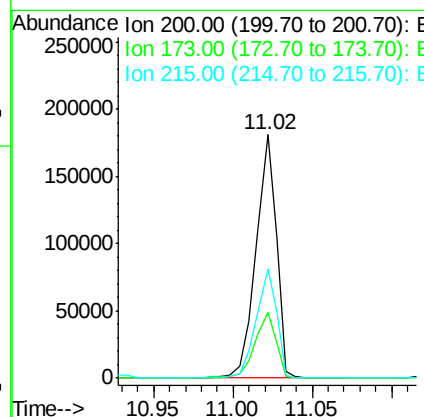
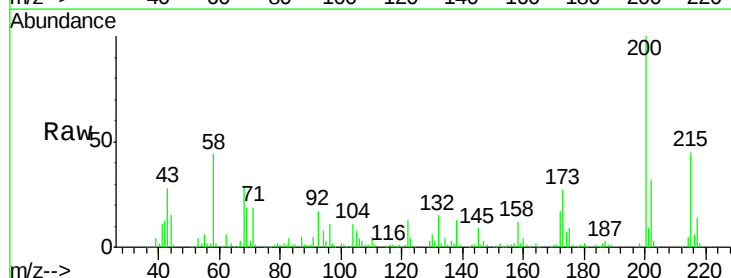
Manual Integrations
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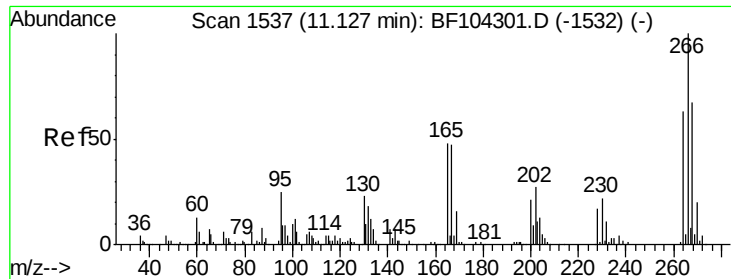
Sohil
5/1/2018 7:05:55 PM



#68
Atrazine
Concen: 44.802 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	161383		
173	27.1	8.6	48.6	
215	45.0	25.1	65.1	





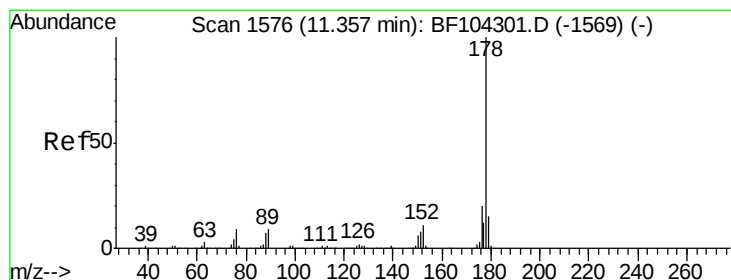
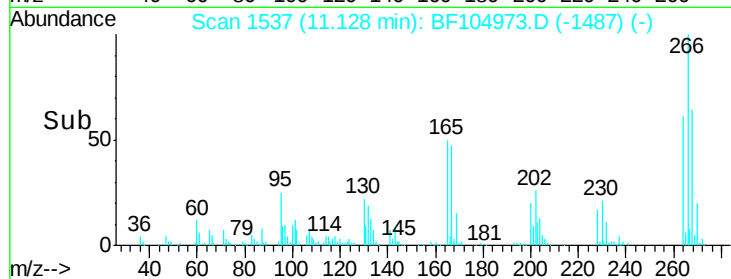
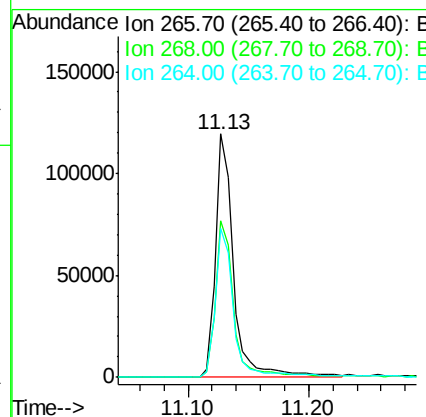
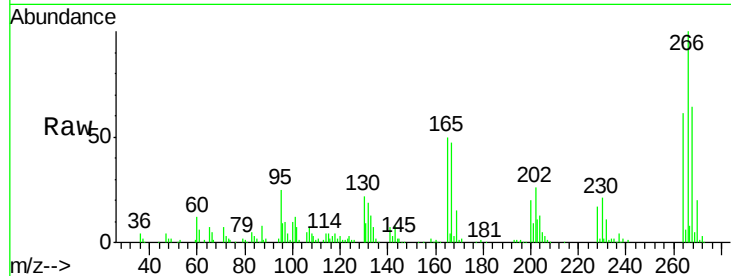
#69
 Pentachlorophenol
 Concen: 48.318 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108718BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	123136		
268	64.2	51.1	76.7	
264	61.0	49.5	74.3	

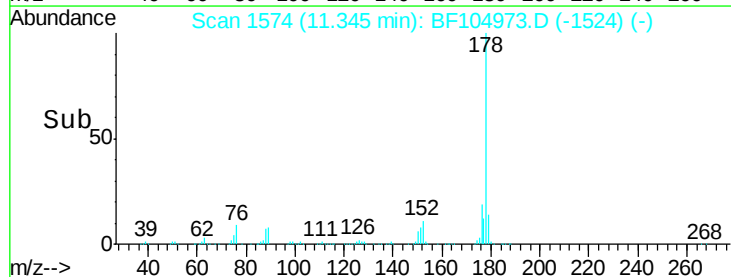
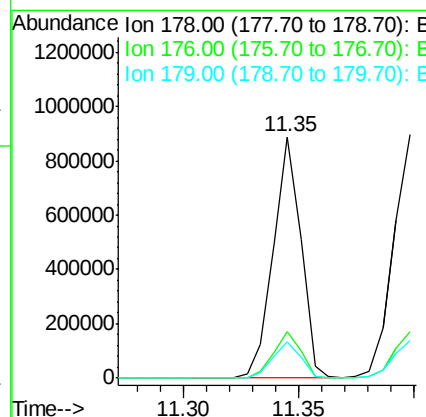
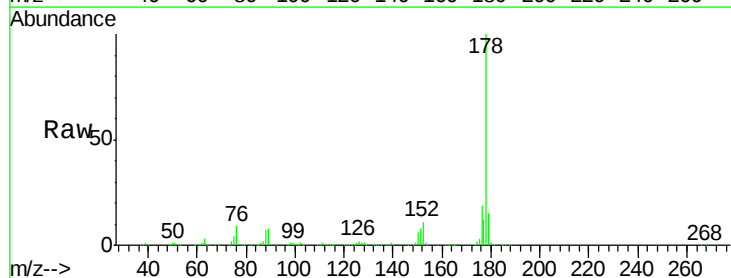
Manual Integrations
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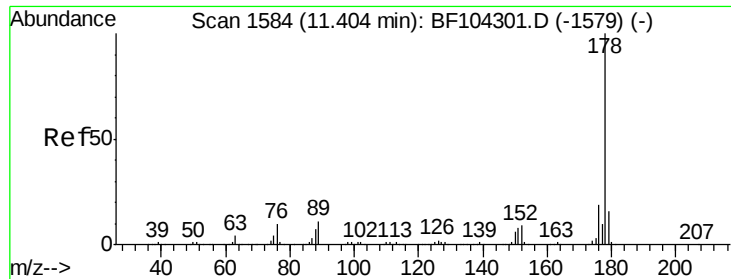
Sohil
 5/1/2018 7:05:55 PM



#70
 Phenanthrene
 Concen: 38.665 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	741109		
176	19.4	15.8	23.8	
179	15.2	13.0	19.6	





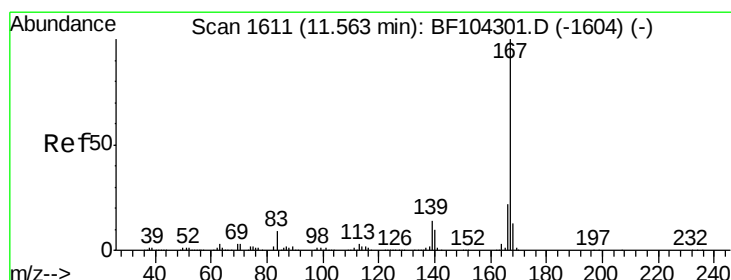
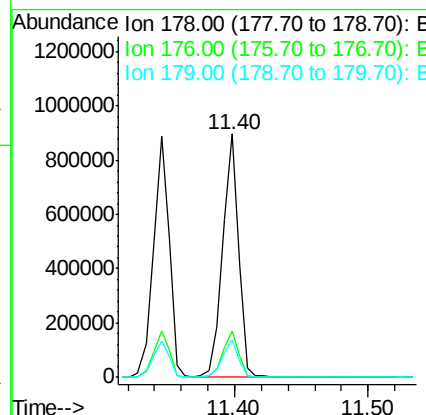
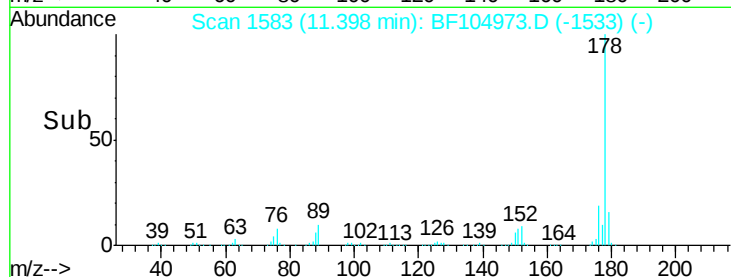
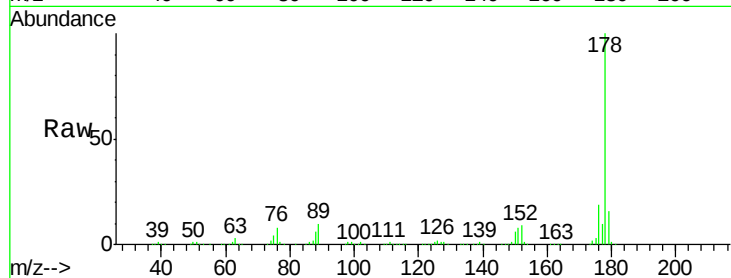
#71
 Anthracene
 Concen: 38.968 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108718BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.6	12.6	19.0

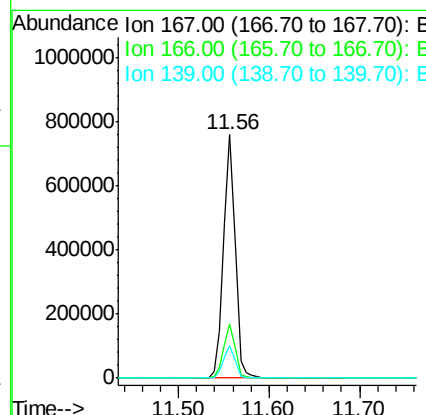
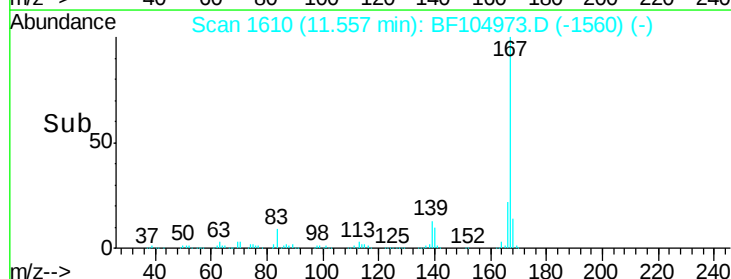
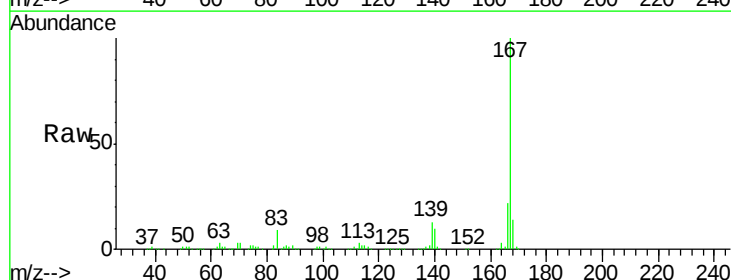
Manual Integrations
 APPROVED

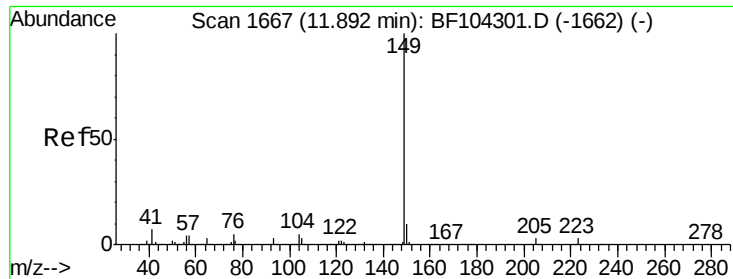
Sohil
 5/1/2018 7:05:55 PM



#72
 Carbazole
 Concen: 35.022 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.030 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF104973.D

Acq: 1 May 2018 10:00

Instrument :

BNA_F

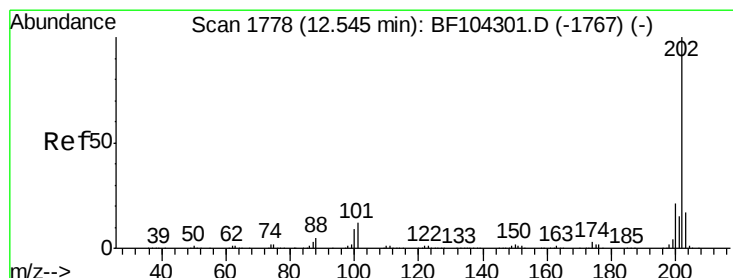
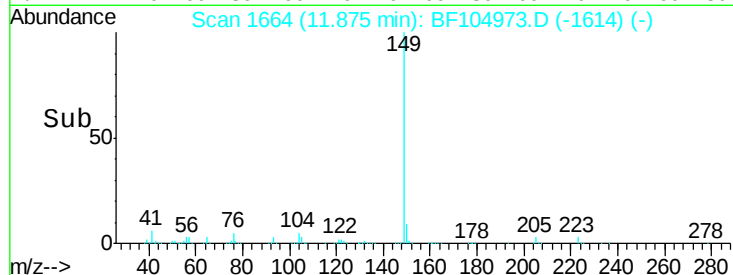
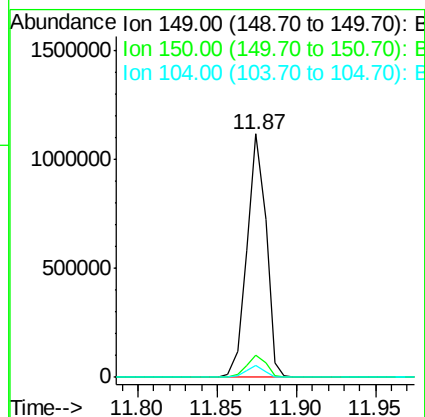
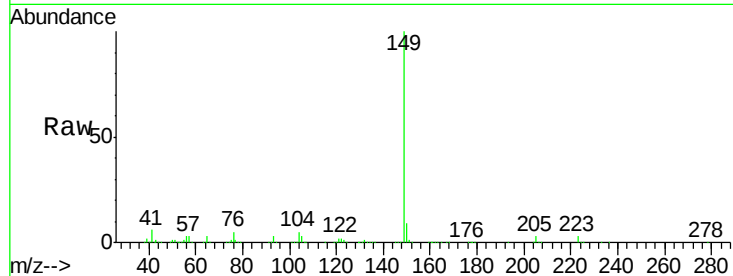
ClientSampleId :

PB108718BSD

Tot Ion:	149	Resp:	930983
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.8	3.8	5.8

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#74

Fluoranthene

Concen: 33.542 ng

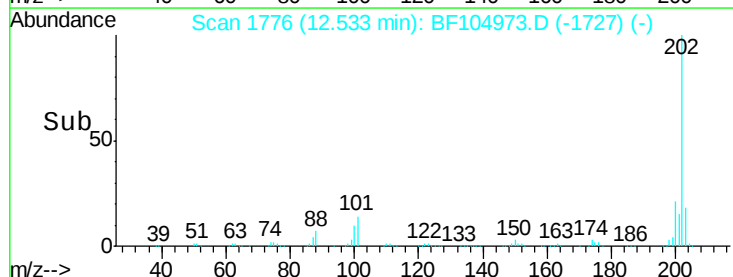
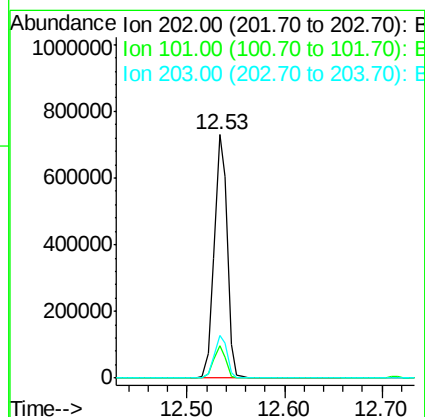
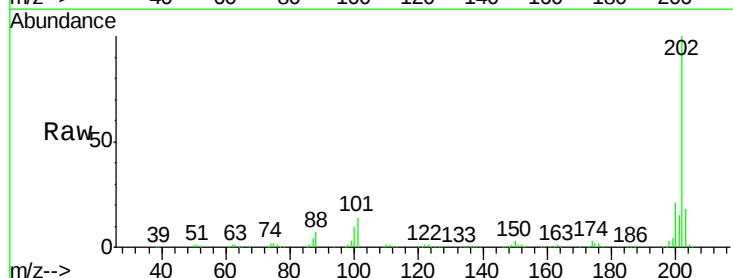
RT: 12.53 min Scan# 1776

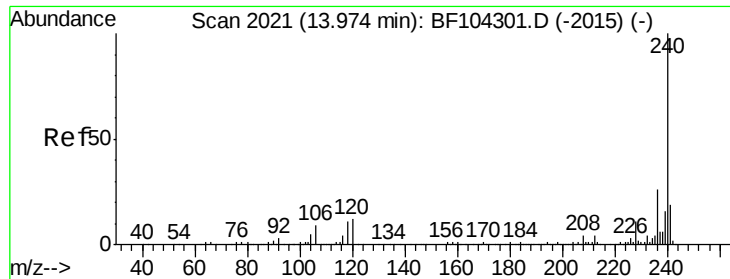
Delta R.T. -0.01 min

Lab File: BF104973.D

Acq: 1 May 2018 10:00

Tgt Ion:	202	Resp:	671724
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104973.D

Acq: 1 May 2018 10:00

Instrument :

BNA_F

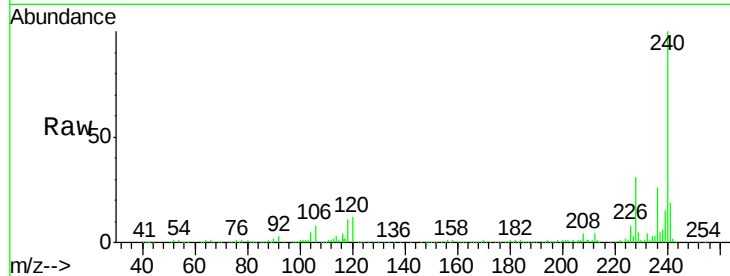
ClientSampleId :

PB108718BSD

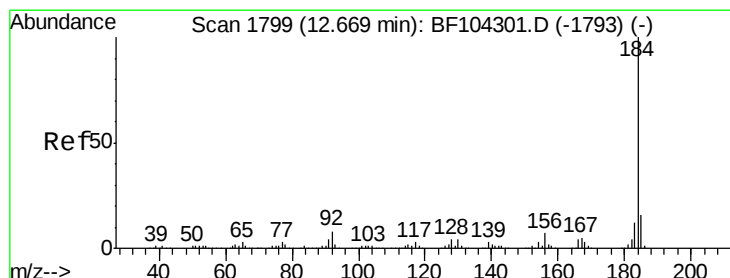
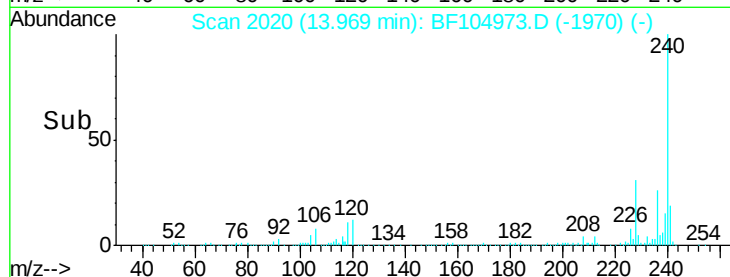
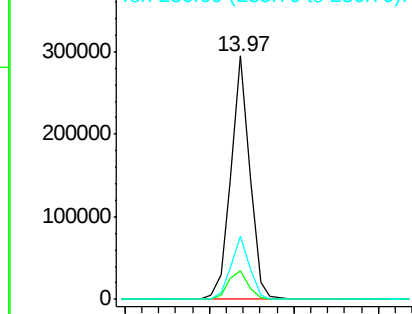
Tot Ion:	240	Resp:	227935
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.5	14.3
236	25.8	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.462 ng

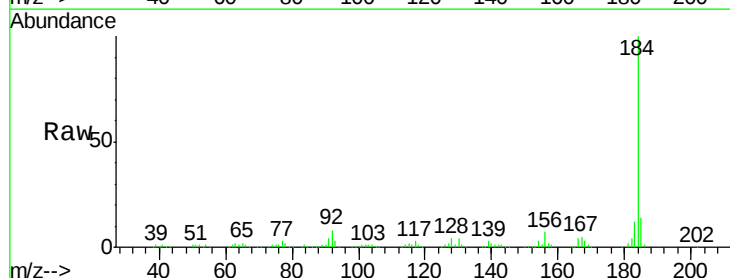
RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

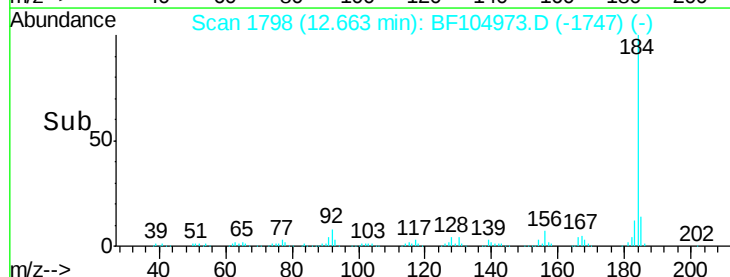
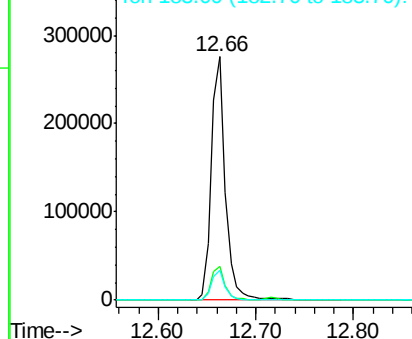
Lab File: BF104973.D

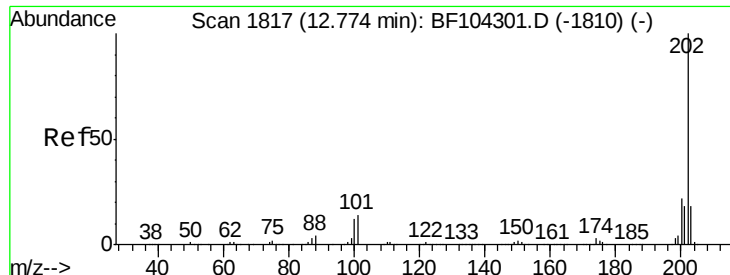
Acq: 1 May 2018 10:00

Tgt Ion:	184	Resp:	277279
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.6	18.8
183	12.2	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





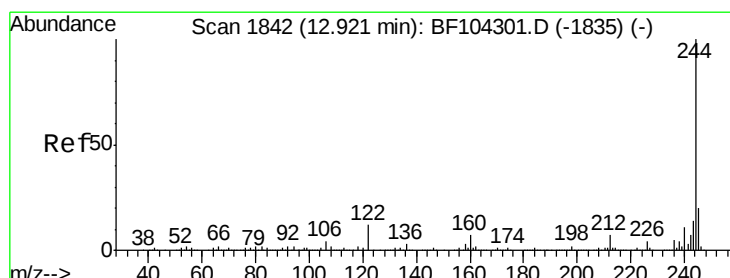
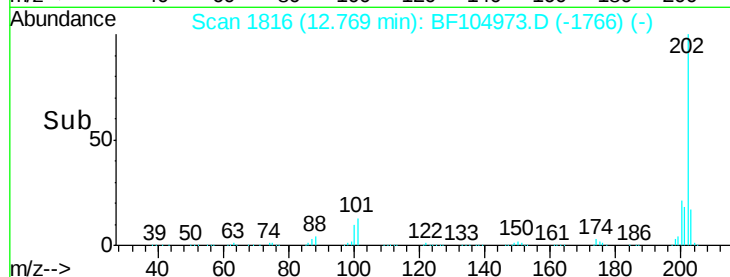
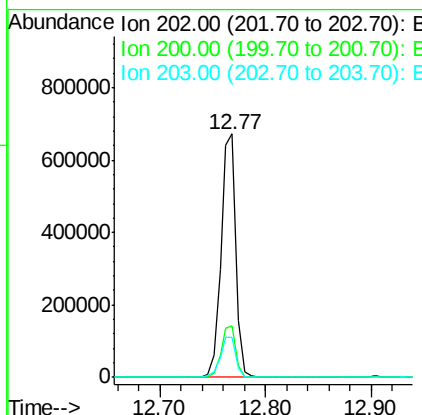
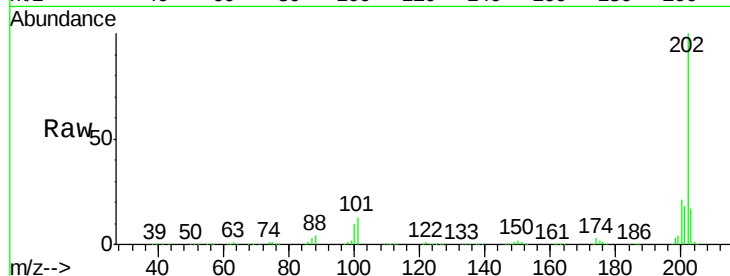
#77
Pvrene
Concen: 39.071 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	17.4	26.2
203	16.7	14.3	21.5

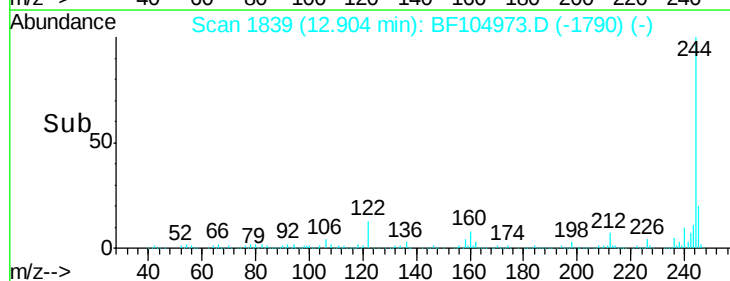
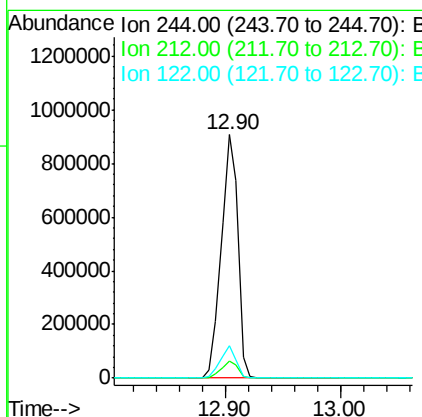
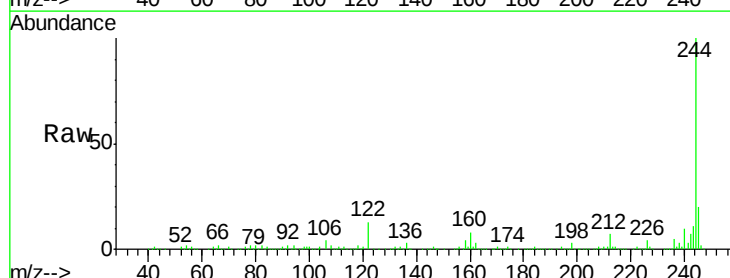
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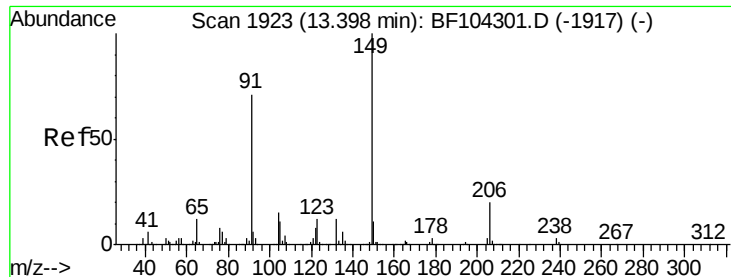
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#78
Terphenyl-d14
Concen: 90.499 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.4	11.0	16.4





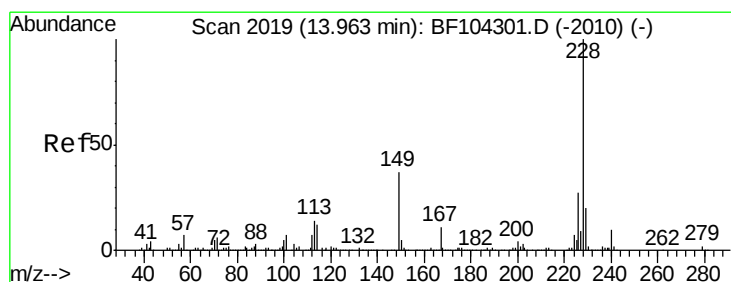
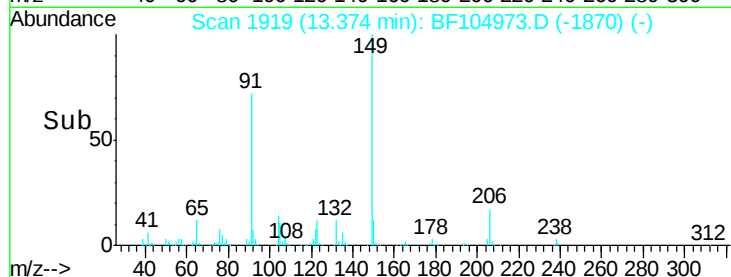
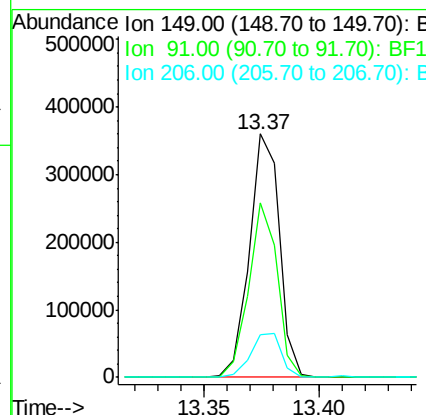
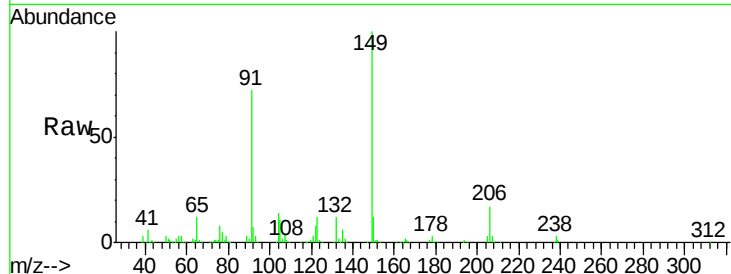
#79
Butylbenzylphthalate
Concen: 41.247 ng
RT: 13.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	71.5	56.8	85.2	
206	17.4	14.1	21.1	

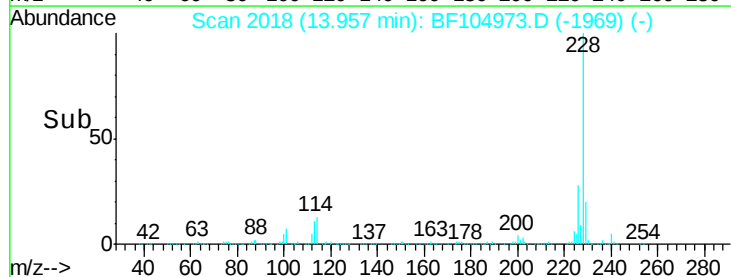
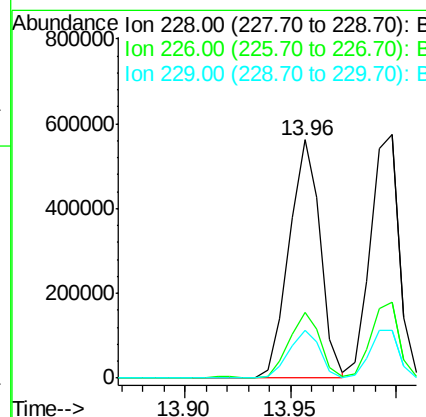
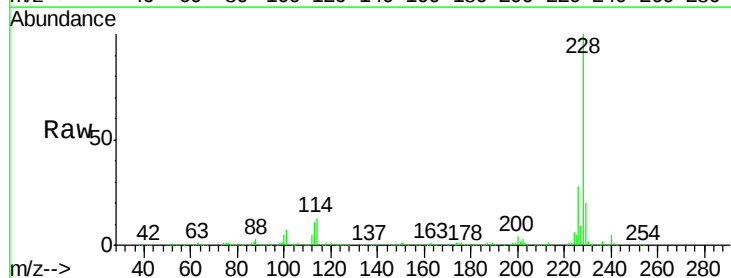
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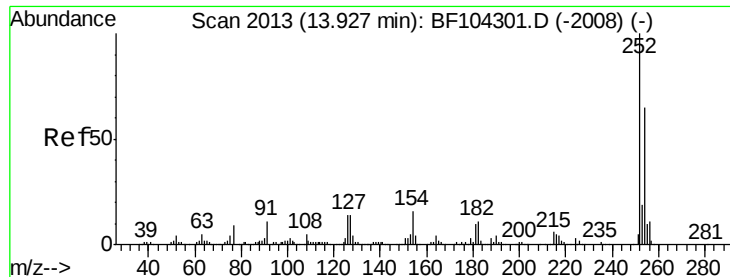
Sohil
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#80
Benzo(a)anthracene
Concen: 42.368 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.8	22.6	33.8	
229	19.8	15.8	23.6	





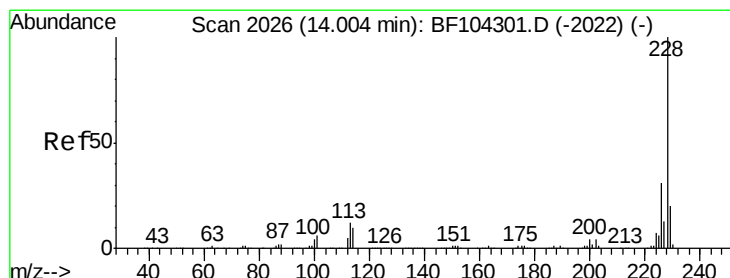
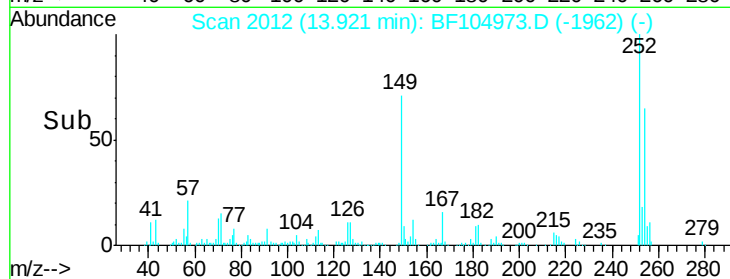
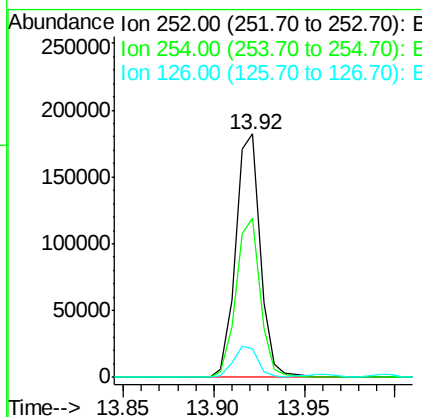
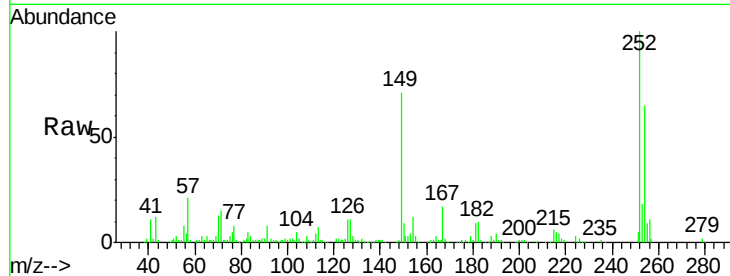
#81
 3,3'-Dichlorobenzidine
 Concen: 34.214 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108718BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	173709		
254	65.4	50.4	75.6	
126	11.5	11.3	16.9	

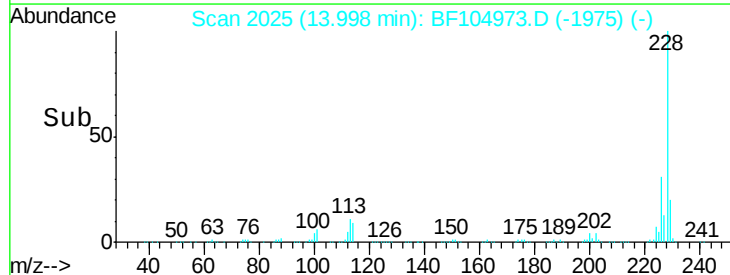
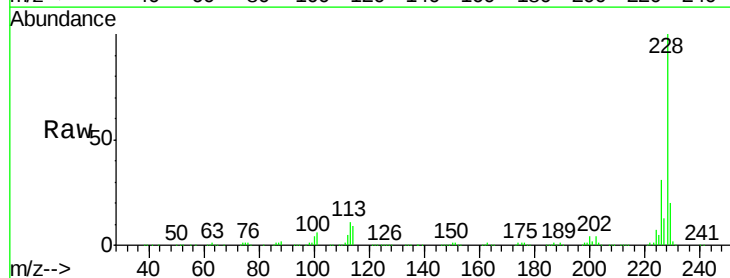
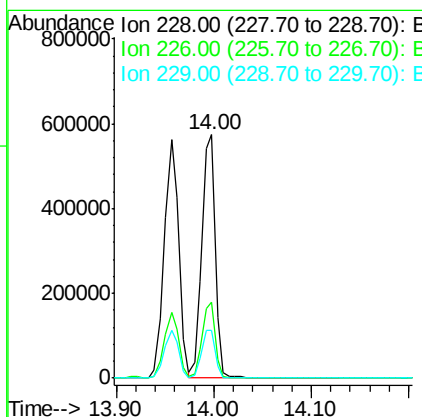
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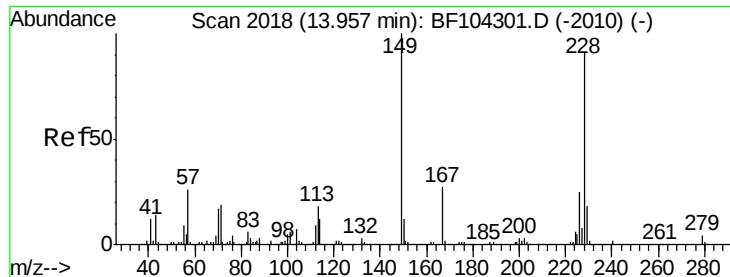
Sohil
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#82
 Chrysene
 Concen: 39.418 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	551331		
226	31.1	25.0	37.6	
229	19.9	16.2	24.4	





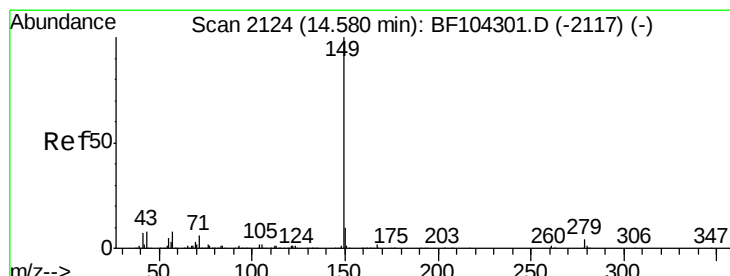
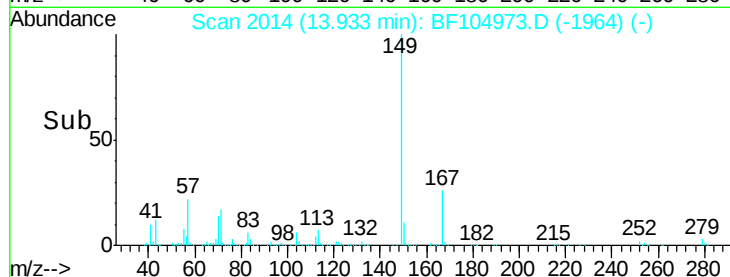
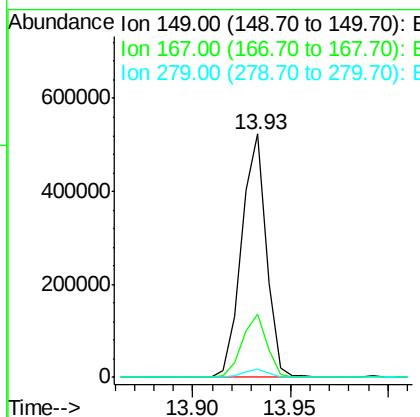
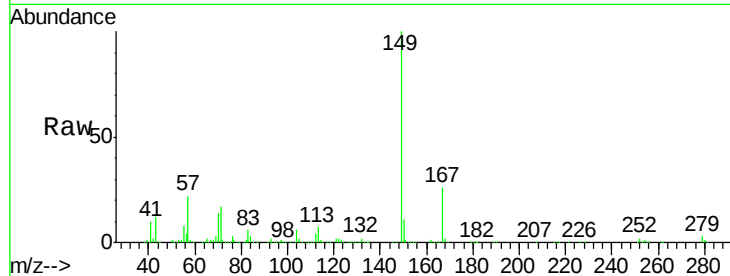
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.866 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108718BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	459340		
167	26.0		21.3	31.9
279	3.4		3.0	4.4

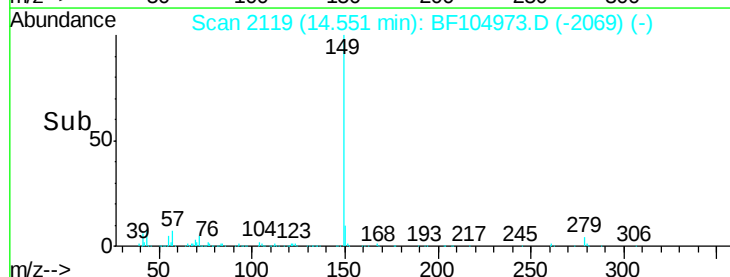
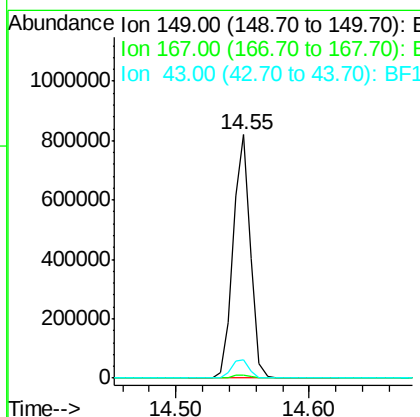
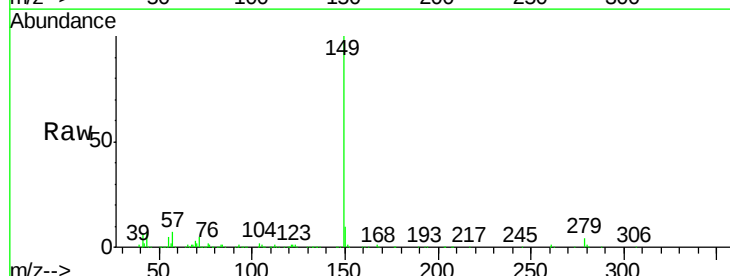
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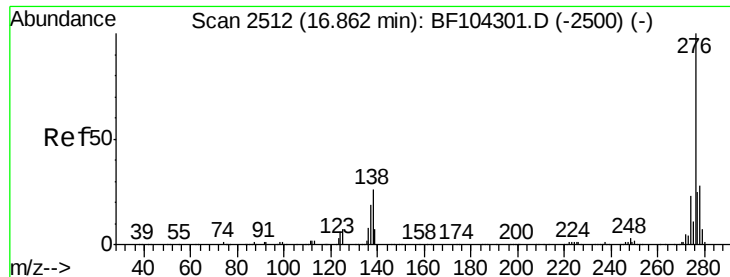
Sohil
 5/1/2018 7:05:55 PM



#84
 Di-n-octyl phthalate
 Concen: 43.570 ng
 RT: 14.55 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	745350		
167	1.5		1.2	1.8
43	7.8		8.4	12.6#





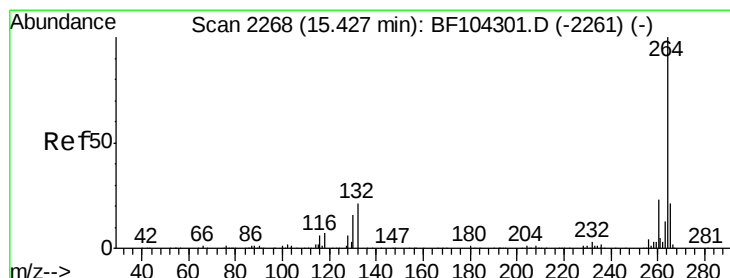
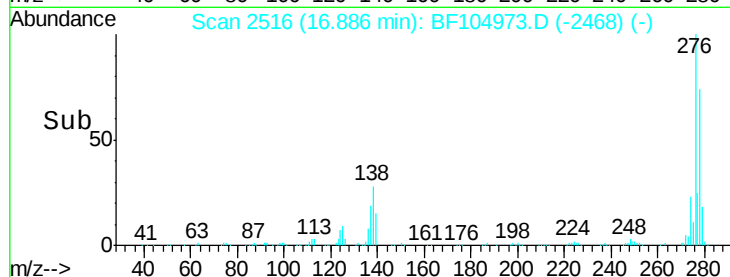
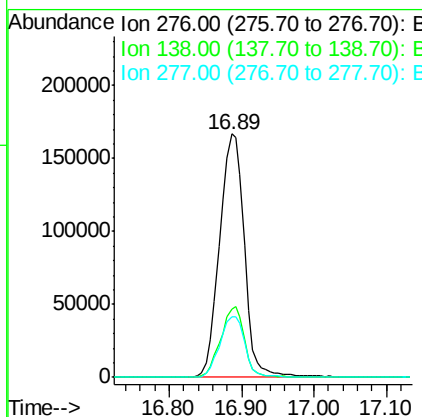
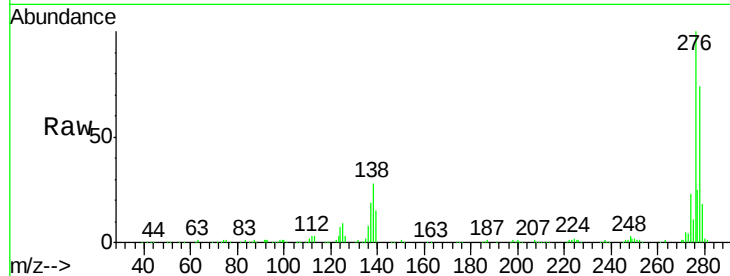
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.460 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.02 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	397561		
138	27.8	25.0	37.6	
277	25.1	20.1	30.1	

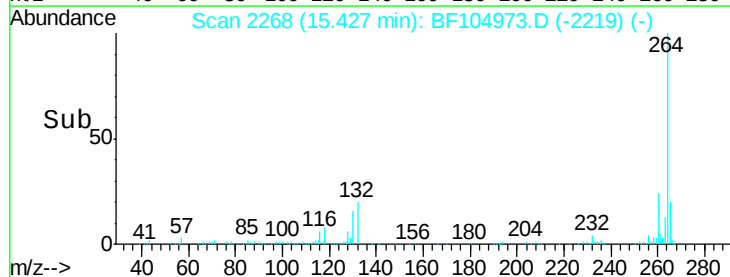
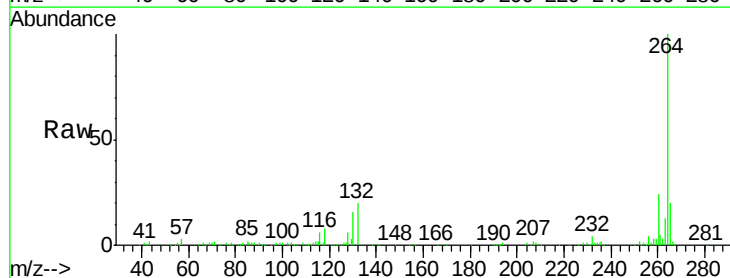
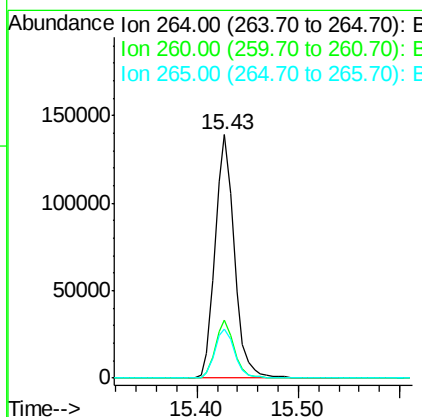
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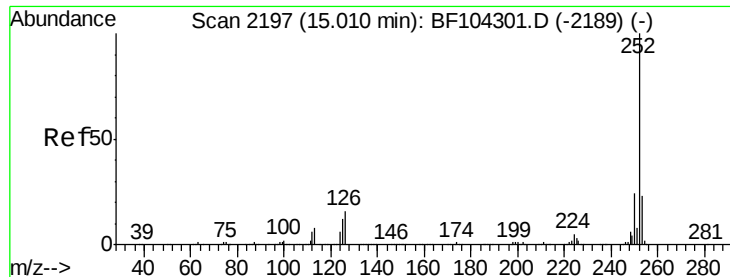
Sohil
5/1/2018 7:05:55 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	184359		
260	24.1	19.2	28.8	
265	20.1	17.5	26.3	





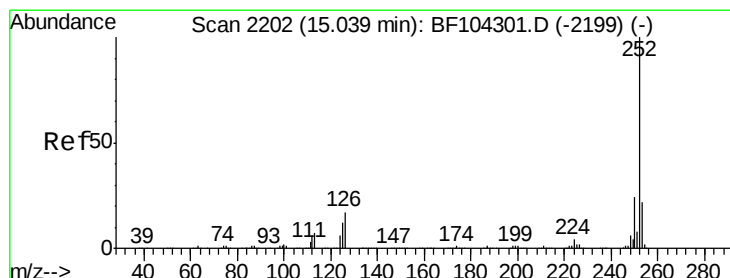
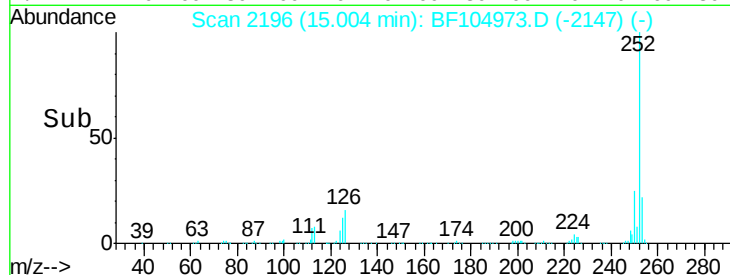
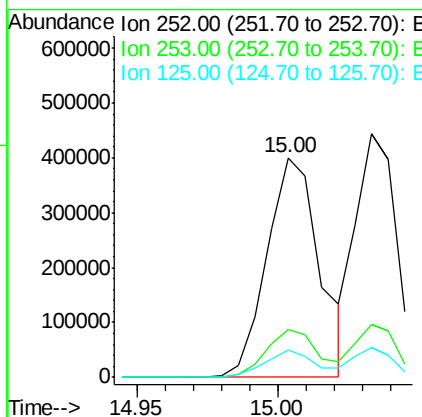
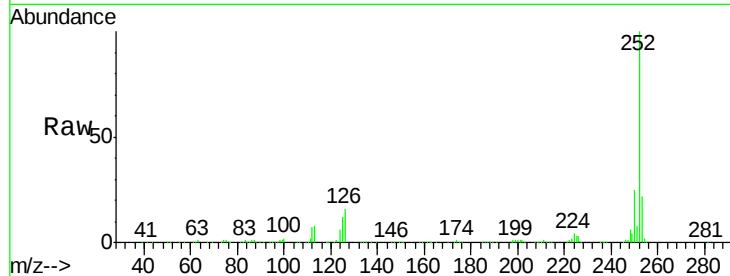
#87
Benzo(b)fluoranthene
Concen: 44.608 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.5	9.0	13.6

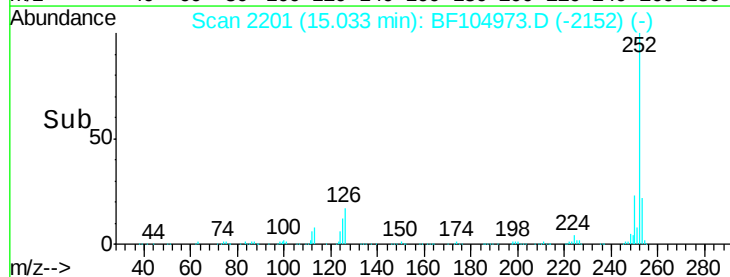
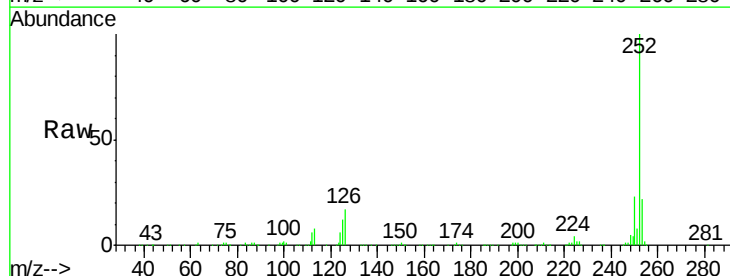
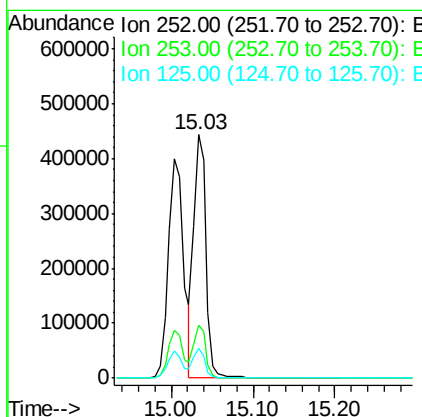
Manual Integrations
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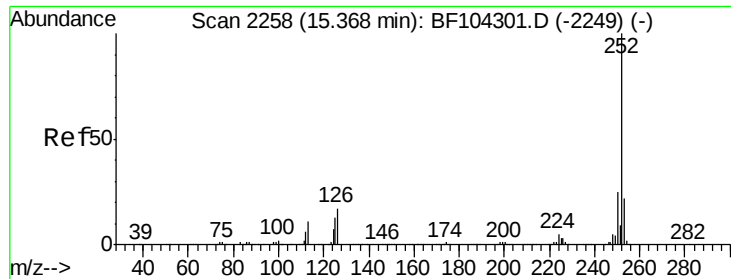
Sohil
5/1/2018 7:05:55 PM



#88
Benzo(k)fluoranthene
Concen: 41.523 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	12.1	10.2	15.2





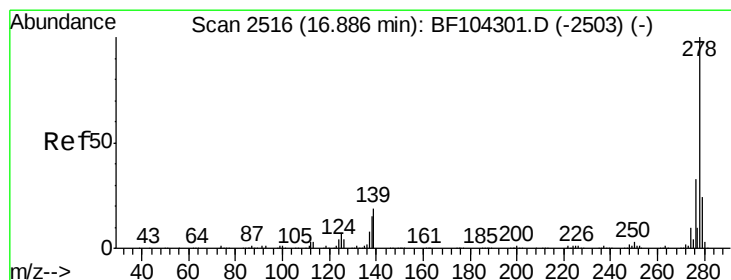
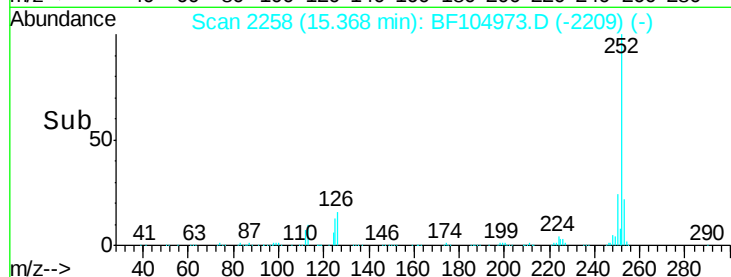
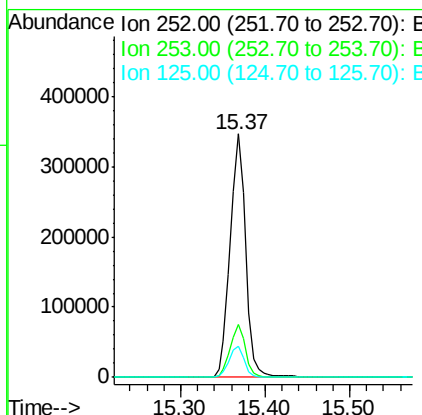
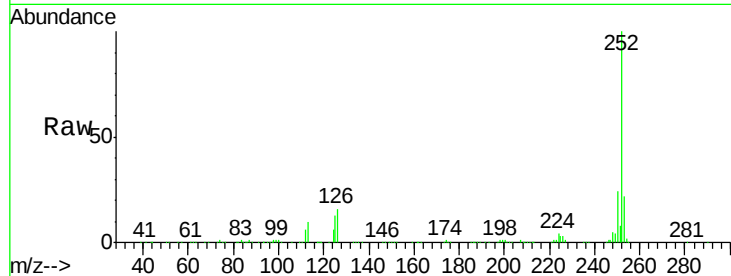
#89
Benzo(a)pyrene
Concen: 42.241 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Instrument :
BNA_F
ClientSampleId :
PB108718BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	12.9	9.8	14.6

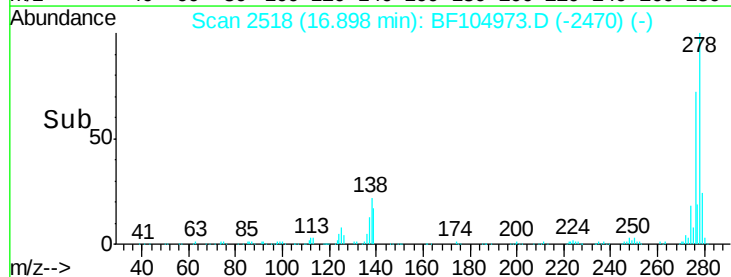
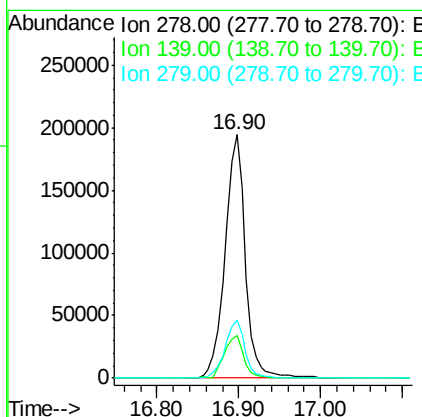
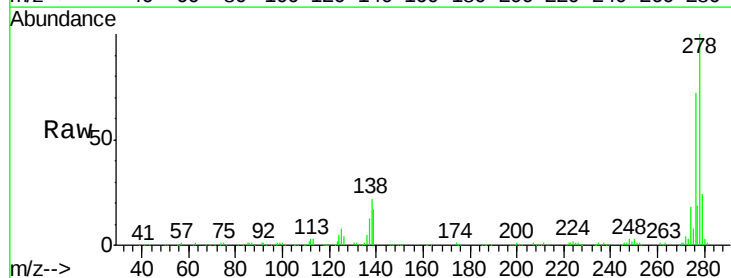
Manual Integrations
APPROVED

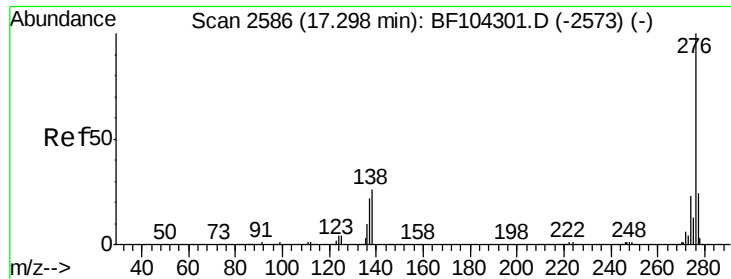
Sohil
5/1/2018 7:05:55 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.178 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BF104973.D
Acq: 1 May 2018 10:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	15.9	23.9
279	23.7	19.0	28.4





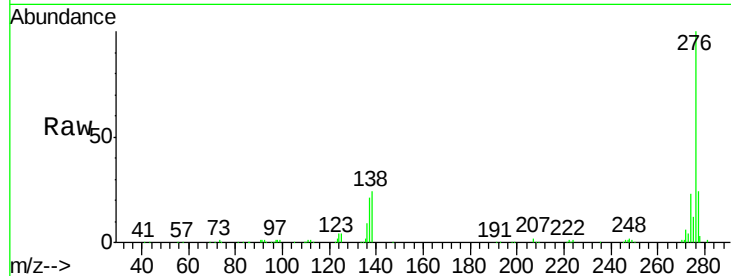
#91
 Benzo(a,h,i)perylene
 Concen: 38.986 ng
 RT: 17.33 min Scan# 2591
 Delta R.T. -0.02 min
 Lab File: BF104973.D
 Acq: 1 May 2018 10:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108718BSD

Tot Ion:	276	Resp:	323192
Ion Ratio		Lower	Upper
276	100		
277	24.1	17.9	26.9
138	23.8	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 5/1/2018 7:05:55 PM



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

