

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
 Data File : BF102408.D
 Acq On : 24 Jan 2018 23:41
 Operator : SJ/JU
 Sample : J1236-04MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20A-5MS

Manual Integrations
 APPROVED

Sohil
 1/25/2018 5:30:37 PM

Quant Time: Jan 25 09:48:46 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 05:43:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	99038m	20.00	ng	0.02
21) Naphthalene-d8	8.02	136	407806m	20.00	ng	0.02
38) Acenaphthene-d10	9.75	164	218379	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	320551	20.00	ng	0.00
75) Chrysene-d12	13.88	240	225784	20.00	ng	0.00
86) Perylene-d12	15.30	264	247369	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	285141	43.65	ng	0.04
7) Phenol-d6	6.38	99	1059468	134.54	ng	0.02
23) Nitrobenzene-d5	7.30	82	545510	76.87	ng	0.02
41) 2,4,6-Tribromophenol	10.55	330	194692	89.98	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1146511	77.19	ng	0.00
78) Terphenyl-d14	12.83	244	755955	75.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	143920m	46.375	ng	
3) Pyridine	3.15	79	372972m	45.988	ng	
4) n-Nitrosodimethylamine	3.12	42	189781m	59.689	ng	
6) Aniline	6.40	93	203926m	19.579	ng	
8) 2-Chlorophenol	6.52	128	316159	46.175	ng	98
10) Phenol	6.39	94	419176	48.759	ng	77
11) bis(2-Chloroethyl)ether	6.48	93	277636	42.461	ng	# 87
12) 1,3-Dichlorobenzene	6.68	146	315714	38.771	ng	99
13) 1,4-Dichlorobenzene	6.75	146	240274m	29.456	ng	
14) 1,2-Dichlorobenzene	6.91	146	318548	42.694	ng	# 90
15) Benzyl Alcohol	6.88	79	234845m	42.268	ng	
16) 2,2'-oxybis(1-Chloropropan	7.02	45	266446	24.297	ng	# 1
17) 2-Methylphenol	7.00	107	304751	51.249	ng	# 83
18) Hexachloroethane	7.24	117	173479m	61.031	ng	
19) n-Nitroso-di-n-propylamine	7.16	70	374632m	77.740	ng	
20) 3+4-Methylphenols	7.15	107	416732	59.586	ng	# 73
22) Acetophenone	7.13	105	768964m	79.100	ng	
24) Nitrobenzene	7.32	77	270930m	37.307	ng	
25) Isophorone	7.56	82	735223m	58.116	ng	
26) 2-Nitrophenol	7.63	139	123331m	32.267	ng	
27) 2,4-Dimethylphenol	7.67	122	255744	46.080	ng	90
28) bis(2-Chloroethoxy)methane	7.76	93	252093m	32.258	ng	
29) 2,4-Dichlorophenol	7.88	162	254908	45.089	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	231021	38.121	ng	99
31) Naphthalene	8.05	128	2351408	115.485	ng	98
32) Benzoic acid	7.87	122	129829m	27.921	ng	
33) 4-Chloroaniline	8.09	127	89297m	10.429	ng	
34) Hexachlorobutadiene	8.15	225	142549	44.041	ng	99
35) Caprolactam	8.49	113	88062m	47.165	ng	
36) 4-Chloro-3-methylphenol	8.57	107	297781	49.971	ng	98
37) 2-Methylnaphthalene	8.72	142	943840	69.605	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	255772	38.929	ng	99
40) Hexachlorocyclopentadiene	8.86	237	65152	22.158	ng	94
42) 2,4,6-Trichlorophenol	9.00	196	161488	36.717	ng	99

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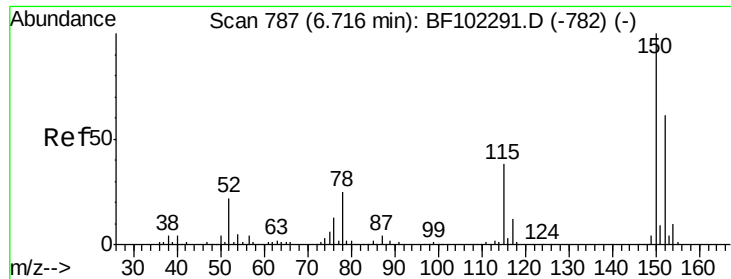
Manual Integrations
 APPROVED

Sohil
 1/25/2018 5:30:37 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	185407	37.440	ng	97
45) 1,1'-Biphenyl	9.18	154	752472	38.536	ng	98
46) 2-Chloronaphthalene	9.20	162	594231	39.151	ng	98
47) 2-Nitroaniline	9.31	65	192730	40.730	ng	97
48) Acenaphthylene	9.62	152	819914	34.675	ng	99
49) Dimethylphthalate	9.49	163	850792	47.134	ng	100
50) 2,6-Dinitrotoluene	9.55	165	143887	36.973	ng	88
51) Acenaphthene	9.79	154	499843	36.194	ng	99
52) 3-Nitroaniline	9.72	138	78150	16.975	ng	95
53) 2,4-Dinitrophenol	9.83	184	9091	8.662	ng	# 24
54) Dibenzofuran	9.96	168	668992	35.794	ng	99
55) 4-Nitrophenol	9.90	139	200483	65.971	ng	95
56) 2,4-Dinitrotoluene	9.96	165	148844	31.102	ng	# 82
57) Fluorene	10.30	166	546598	36.907	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	136302	38.549	ng	99
59) Diethylphthalate	10.18	149	657785	37.501	ng	99
60) 4-Chlorophenyl-phenylether	10.30	204	235719	36.711	ng	97
61) 4-Nitroaniline	10.33	138	155157	33.774	ng	92
62) Azobenzene	10.46	77	559241	34.823	ng	96
64) 4,6-Dinitro-2-methylphenol	10.36	198	11804	5.520	ng	87
65) n-Nitrosodiphenylamine	10.42	169	500305	42.523	ng	100
66) 4-Bromophenyl-phenylether	10.79	248	142859	41.400	ng	# 90
67) Hexachlorobenzene	10.85	284	139199	36.069	ng	92
68) Atrazine	10.97	200	146124	42.052	ng	97
69) Pentachlorophenol	11.05	266	151066	74.515	ng	98
70) Phenanthrene	11.26	178	729775	39.069	ng	99
71) Anthracene	11.32	178	721820	37.860	ng	99
72) Carbazole	11.48	167	680497	36.586	ng	99
73) Di-n-butylphthalate	11.84	149	8189045	352.221	ng	99
74) Fluoranthene	12.46	202	636306	33.405	ng	98
77) Pyrene	12.69	202	607355	34.792	ng	99
79) Butylbenzylphthalate	13.30	149	291064	33.504	ng	98
80) Benzo(a)anthracene	13.87	228	544891	39.199	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	53287	10.450	ng	99
82) Chrysene	13.91	228	523283	37.070	ng	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	485536	41.588	ng	99
84) Di-n-octyl phthalate	14.47	149	713128	37.560	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.70	276	530731	45.525	ng	98
87) Benzo(b)fluoranthene	14.90	252	567954	35.424	ng	97
88) Benzo(k)fluoranthene	14.93	252	567149	37.441	ng	99
89) Benzo(a)pyrene	15.24	252	550136	38.045	ng	# 96
90) Dibenzo(a,h)anthracene	16.72	278	447092	38.169	ng	97
91) Benzo(g,h,i)perylene	17.12	276	421671	36.459	ng	97

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



#1

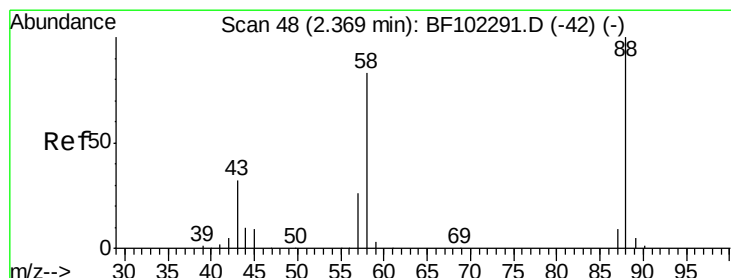
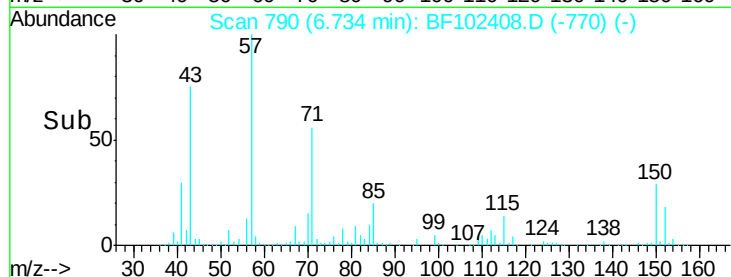
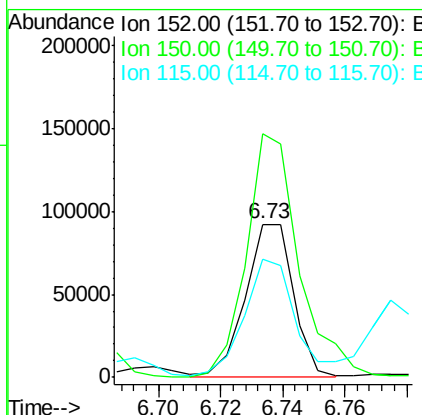
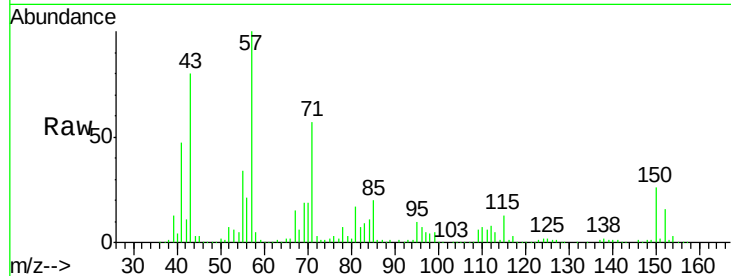
1,4-Dichlorobenzene-d4
Concen: 20.000 ng m
RT: 6.73 min Scan# 790
Delta R.T. 0.02 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampleId :
20A-5MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	77.1	50.1	75.1#

Manual Integrations
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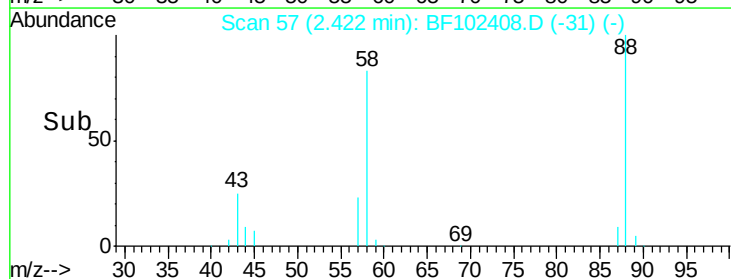
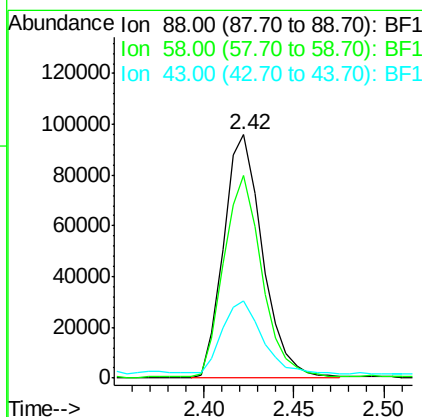
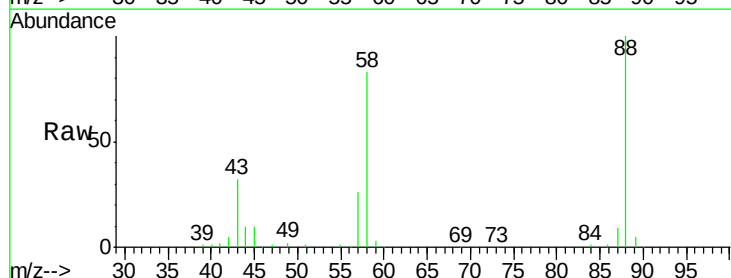
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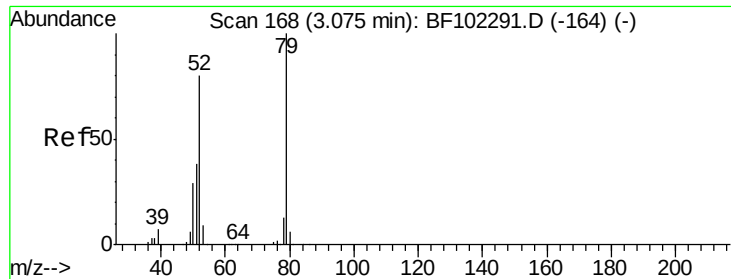


#2

1,4-Dioxane
Concen: 46.375 ng m
RT: 2.42 min Scan# 57
Delta R.T. 0.05 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.5	62.6	93.8
43	28.3	24.6	37.0





#3

Pyridine

Concen: 45.988 ng m

RT: 3.15 min Scan# 180

Delta R.T. 0.08 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

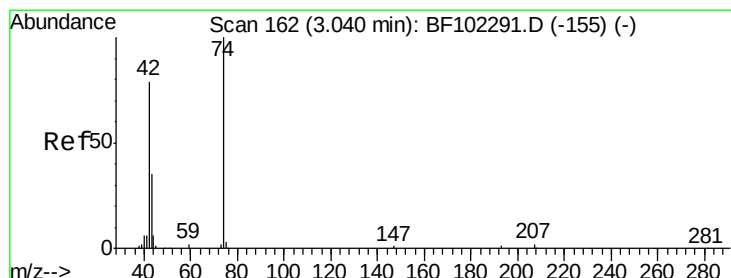
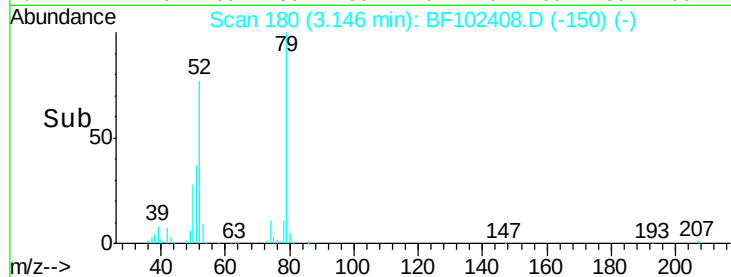
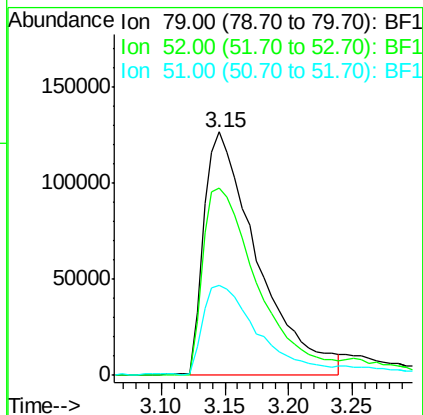
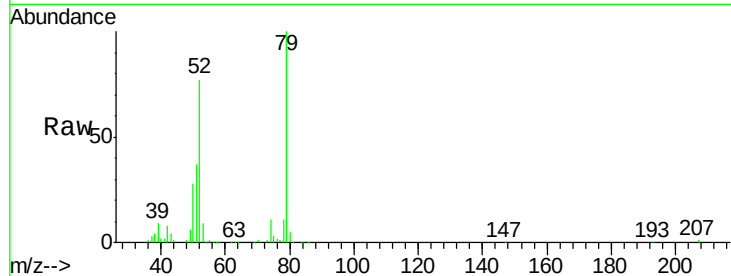
ClientSampleId :

20A-5MS

Tgt Ion:	79	Resp:	372972
Ion	Ratio	Lower	Upper
79	100		
52	77.2	59.8	89.6
51	37.1	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 59.689 ng m

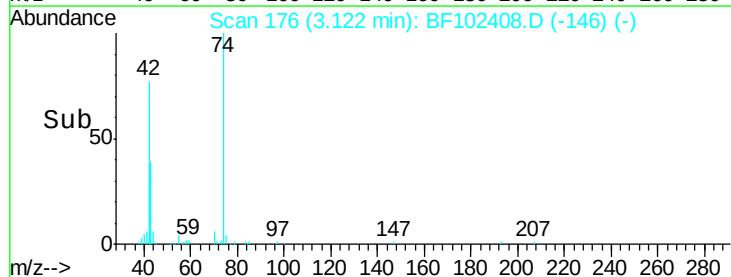
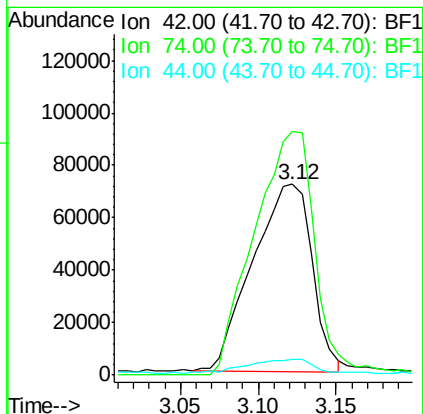
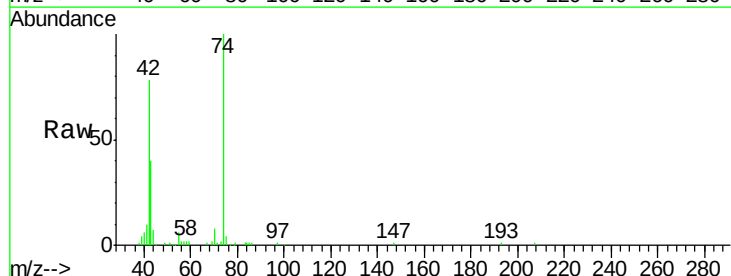
RT: 3.12 min Scan# 176

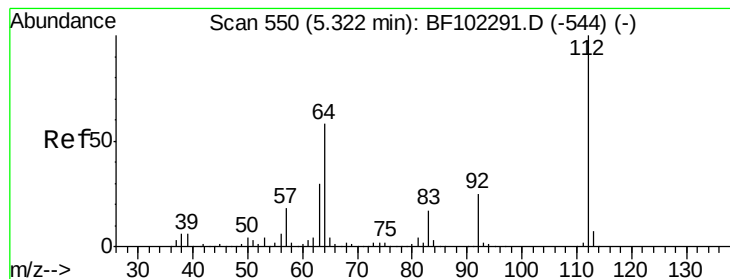
Delta R.T. 0.08 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Tgt Ion:	42	Resp:	189781
Ion	Ratio	Lower	Upper
42	100		
74	127.5	104.9	157.3
44	8.3	6.9	10.3





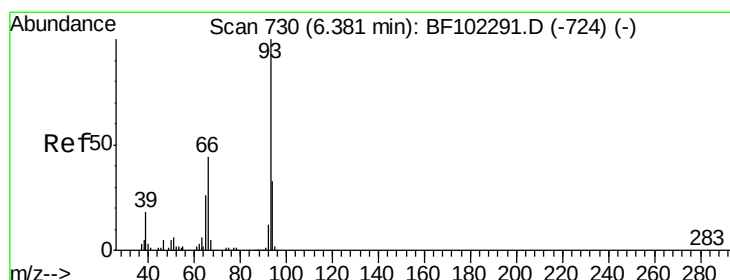
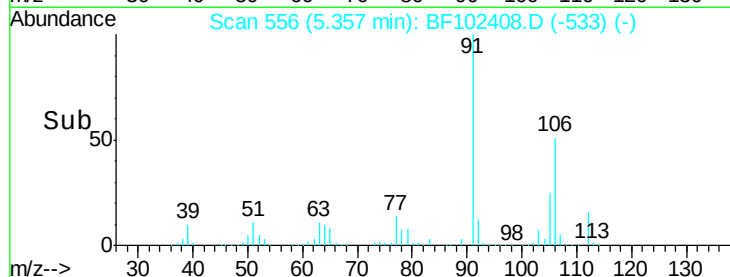
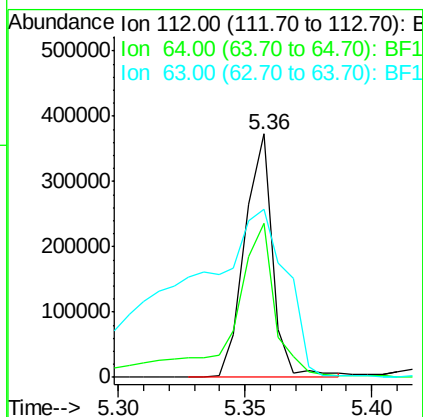
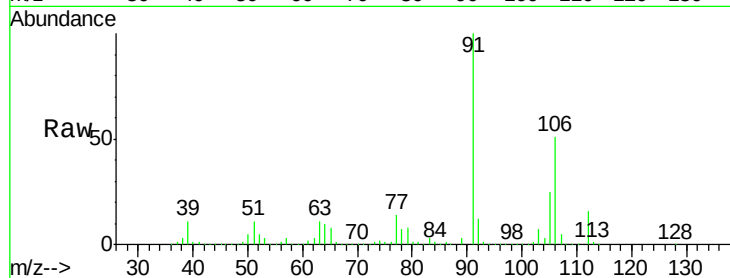
#5
2-Fluorophenol
Concen: 43.655 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.04 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampled :
20A-5MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	63.0	47.9	71.9
63	69.0	23.7	35.5#

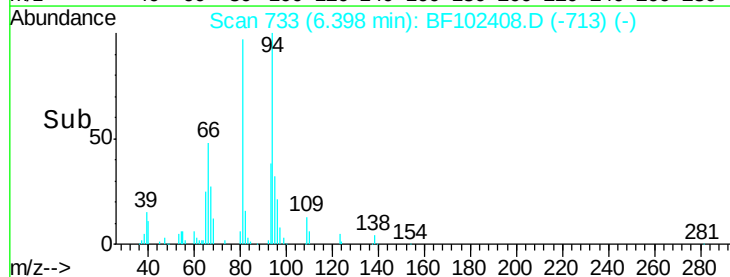
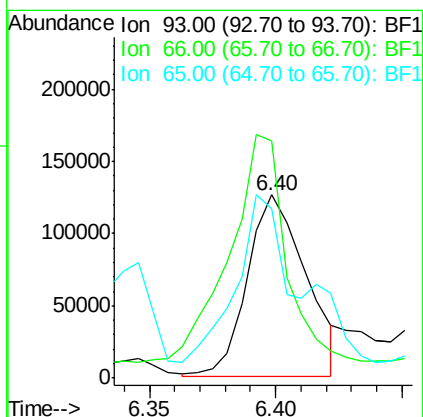
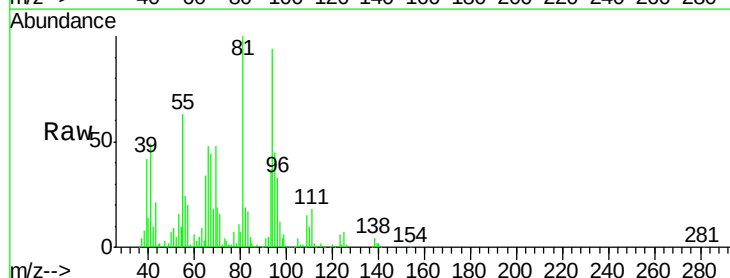
Manual Integrations
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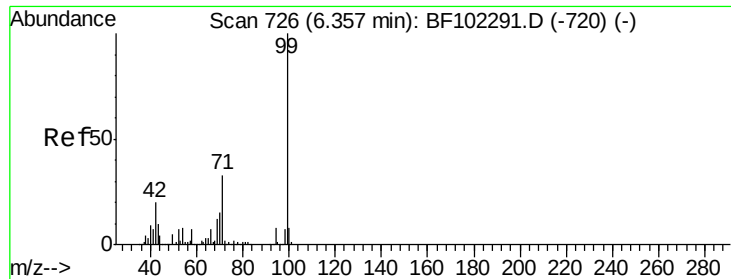
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#6
Aniline
Concen: 19.579 ng m
RT: 6.40 min Scan# 733
Delta R.T. 0.02 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	129.3	32.2	48.2#
65	92.3	16.4	24.6#





#7

Phenol-d6

Concen: 134.543 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.02 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

20A-5MS

Tgt Ion: 99 Resp: 1059468

Ion Ratio Lower Upper

99 100

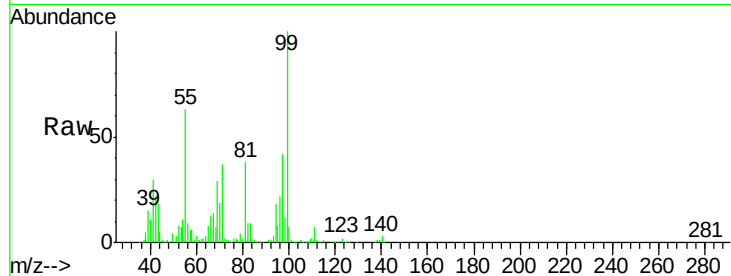
42 22.4 14.5 21.7#

71 37.1 25.4 38.0

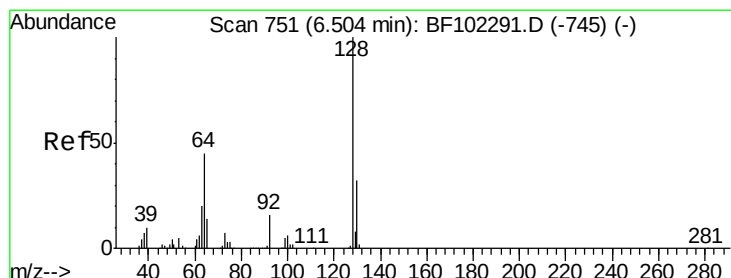
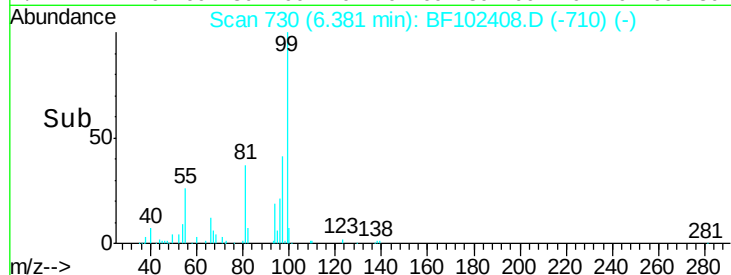
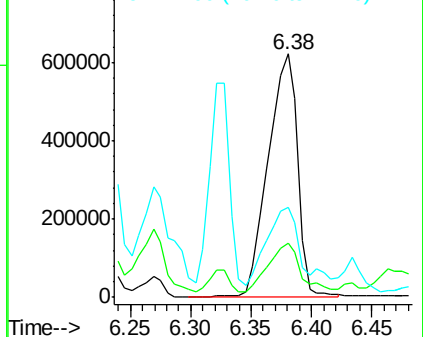
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.175 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

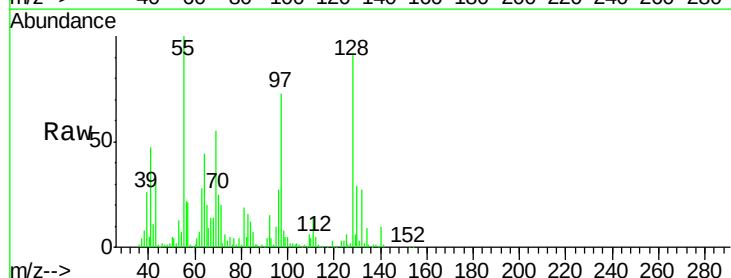
Tgt Ion: 128 Resp: 316159

Ion Ratio Lower Upper

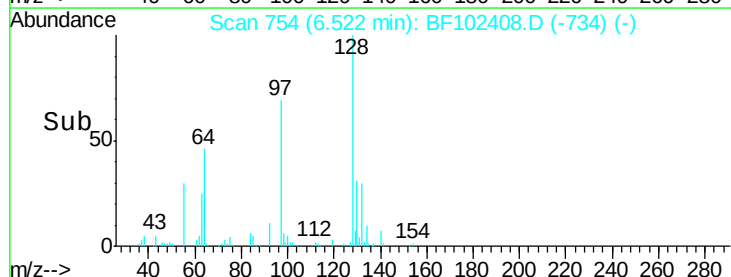
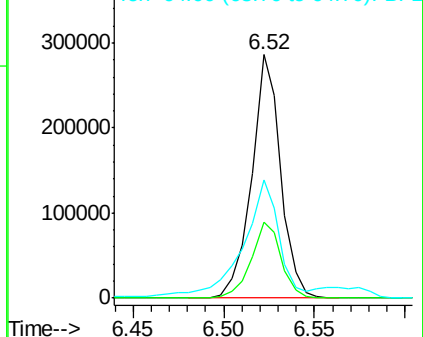
128 100

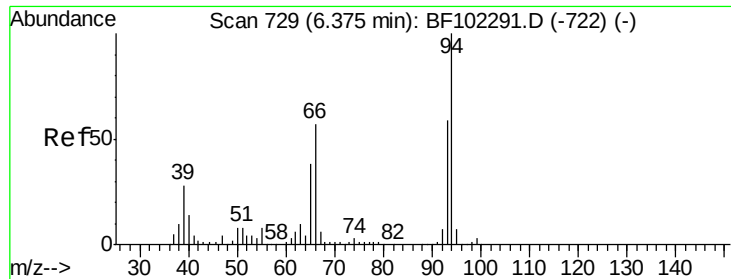
130 31.3 13.0 53.0

64 48.7 29.4 69.4



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





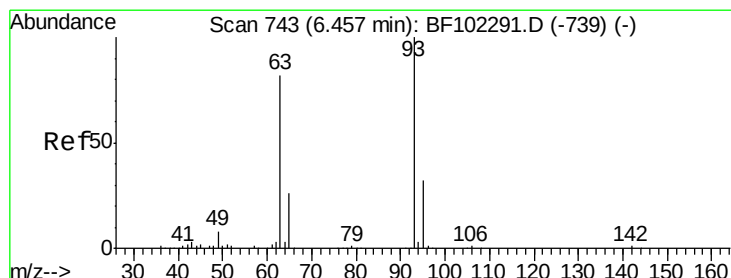
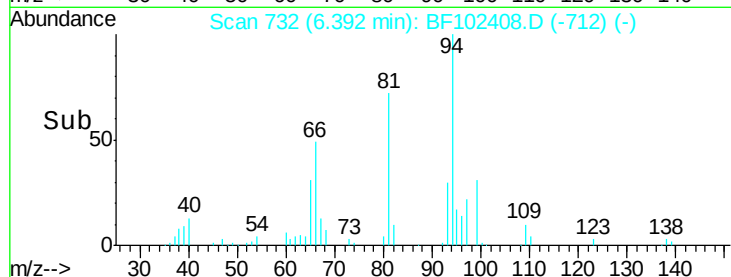
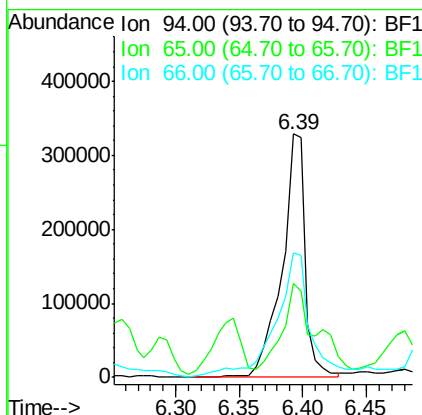
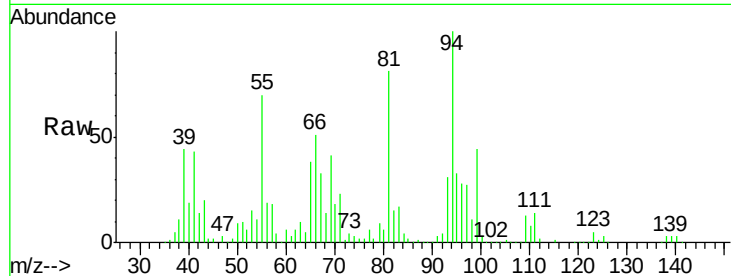
#10
Phenol
Concen: 48.759 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.02 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampleId :
20A-5MS

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.5	7.9	47.9
66	51.2	16.2	56.2

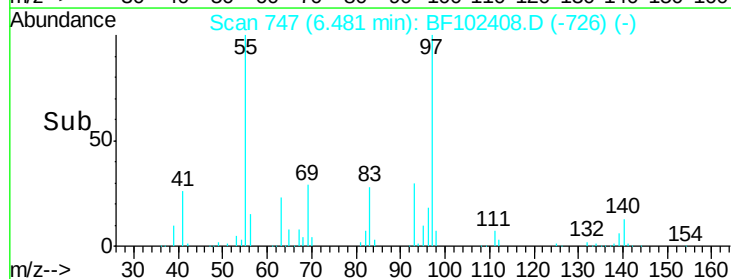
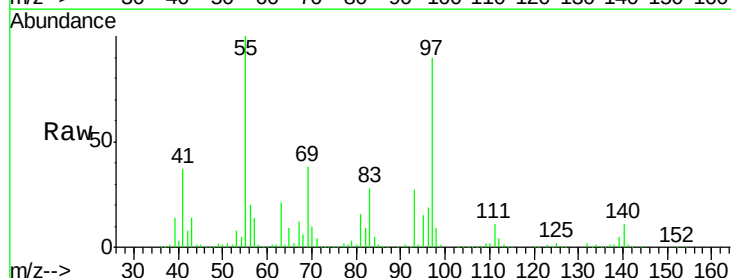
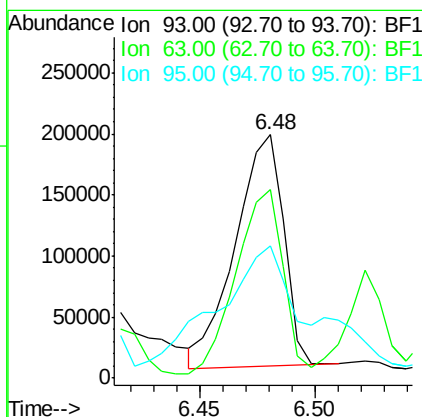
Manual Integrations
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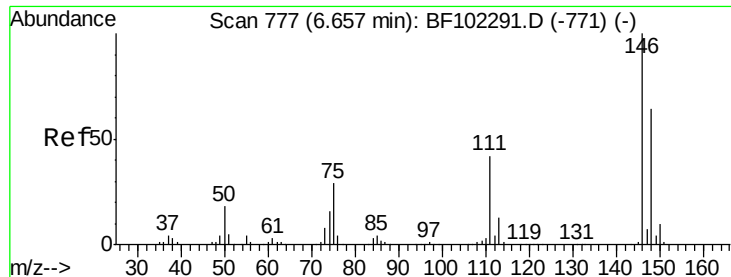
Sohil
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#11
bis(2-Chloroethyl)ether
Concen: 42.461 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.02 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Lower	Upper
93	100		
63	77.4	58.6	98.6
95	54.4	11.8	51.8#





#12

1,3-Dichlorobenzene

Concen: 38.771 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.02 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

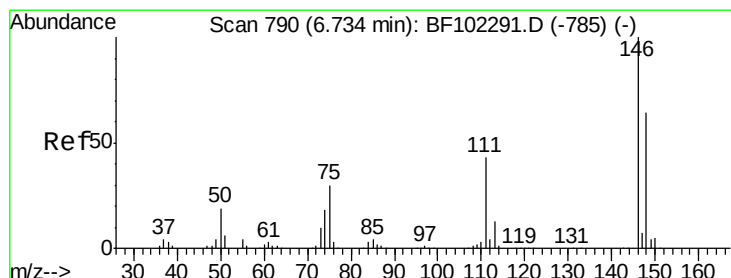
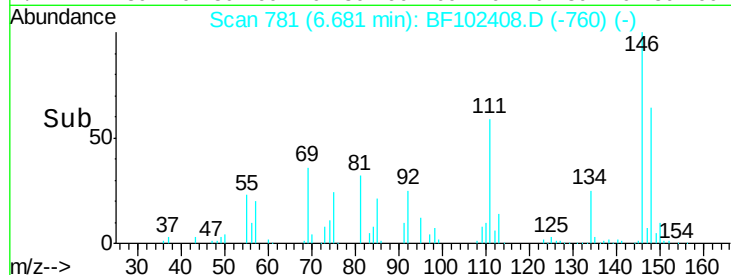
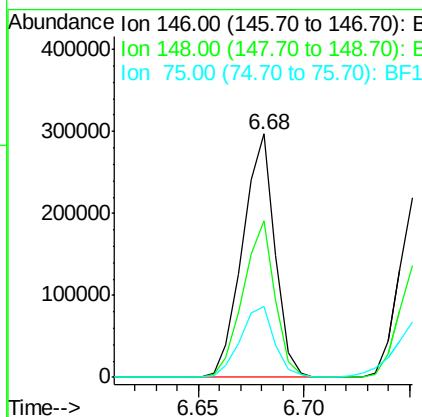
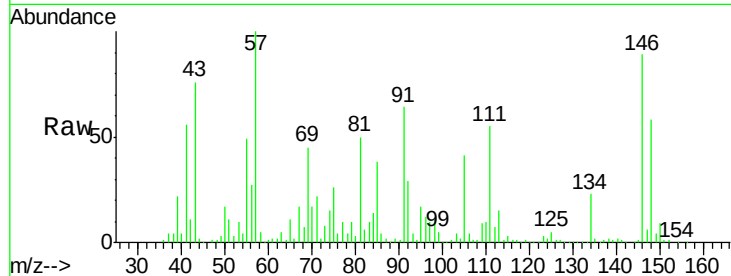
ClientSampled :

20A-5MS

Tgt Ion:	146	Resp:	315714
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.8	77.8
75	28.9	24.2	36.4

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#13

1,4-Dichlorobenzene

Concen: 29.456 ng m

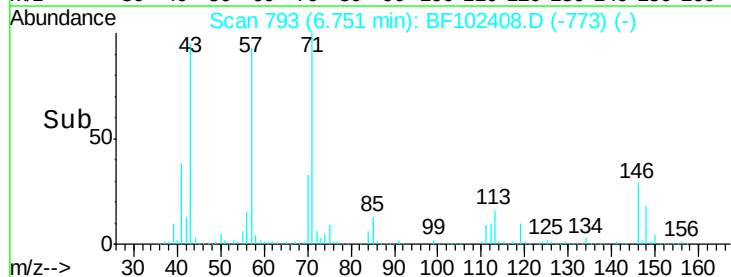
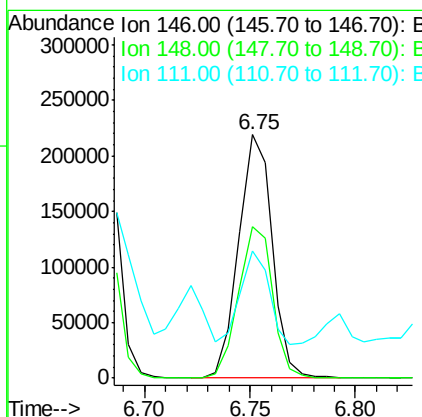
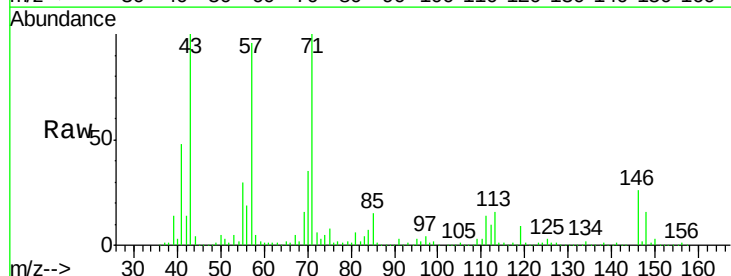
RT: 6.75 min Scan# 793

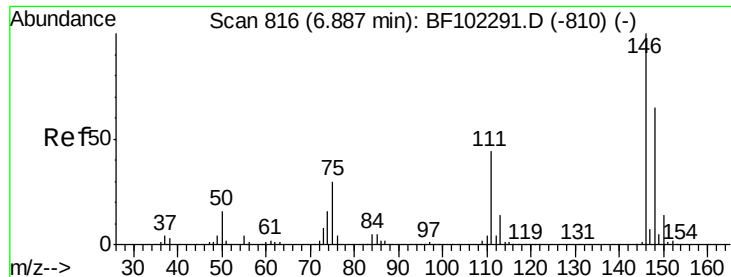
Delta R.T. 0.02 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Tgt Ion:	146	Resp:	240274
Ion Ratio	Lower	Upper	
146	100		
148	62.1	50.8	76.2
111	52.1	34.2	51.2#





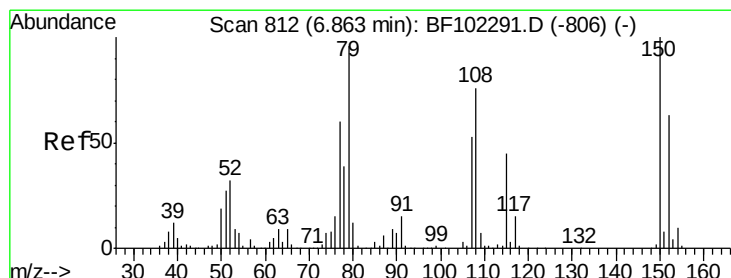
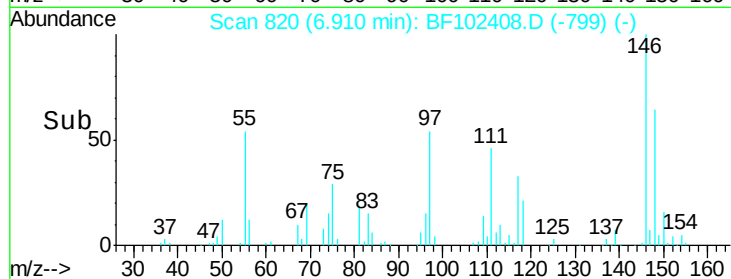
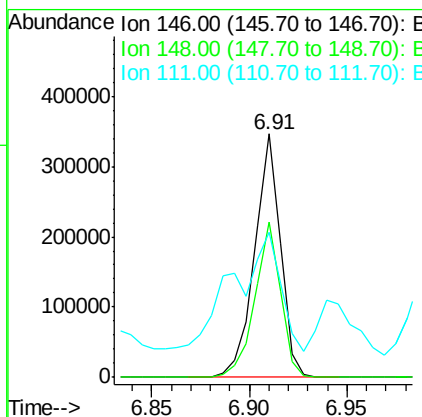
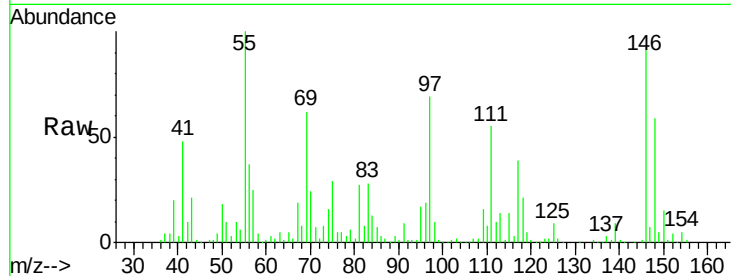
#14
1,2-Dichlorobenzene
Concen: 42.694 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.02 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampled :
20A-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	318548		
148	63.9	50.6	75.8	
111	59.8	36.0	54.0	

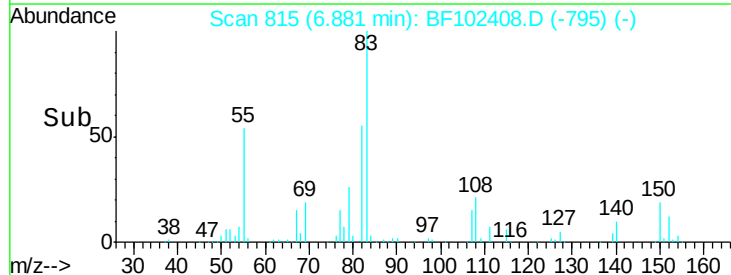
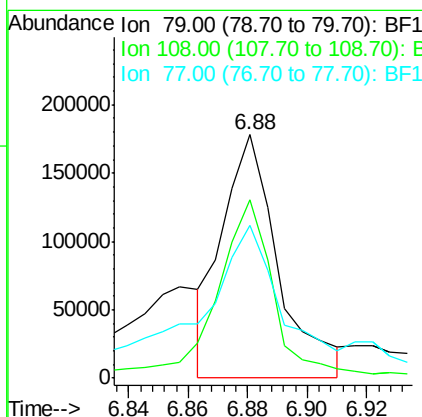
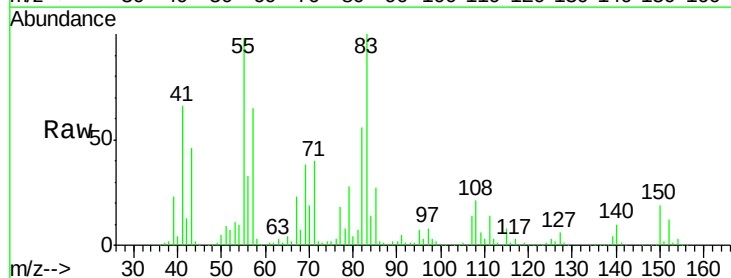
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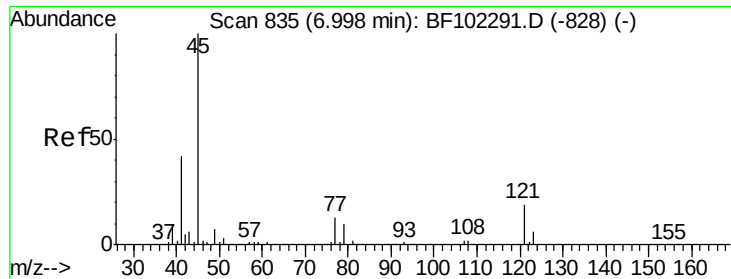
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#15
Benzyl Alcohol
Concen: 42.268 ng m
RT: 6.88 min Scan# 815
Delta R.T. 0.02 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	234845		
108	73.4	65.1	97.7	
77	62.7	50.6	75.8	





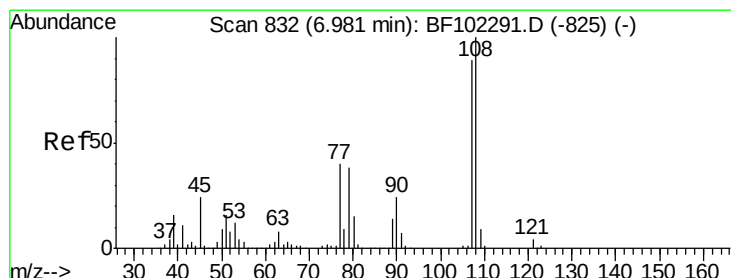
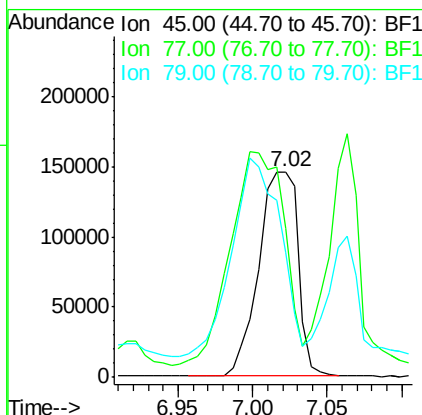
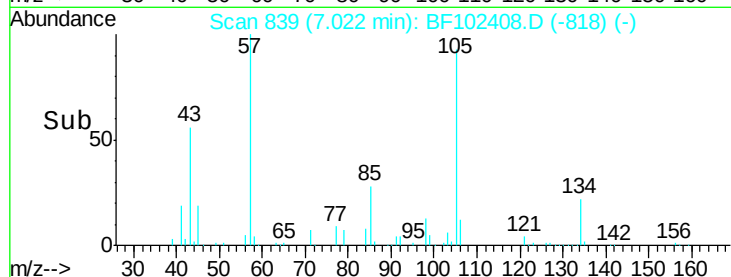
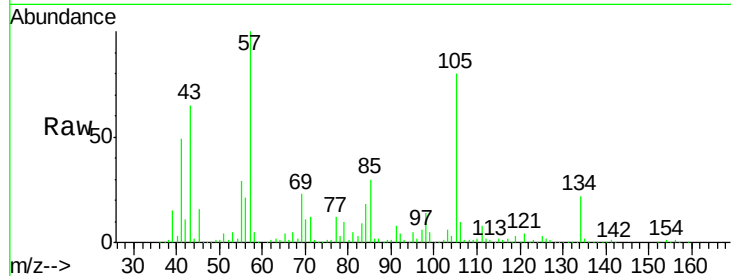
#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.297 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.02 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampleId :
20A-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	266446		
77	72.4	0.0	32.9#	
79	60.8	0.0	29.6#	

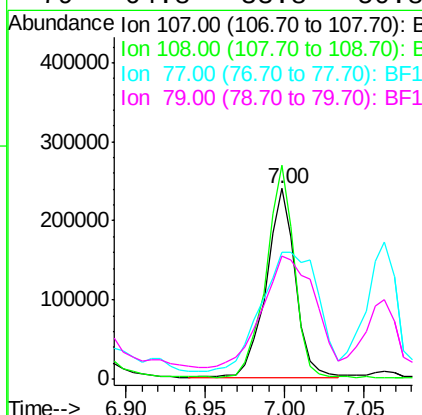
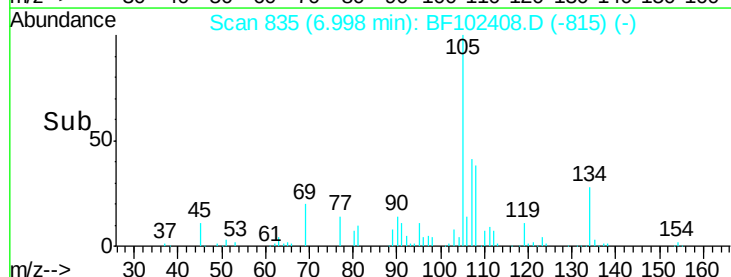
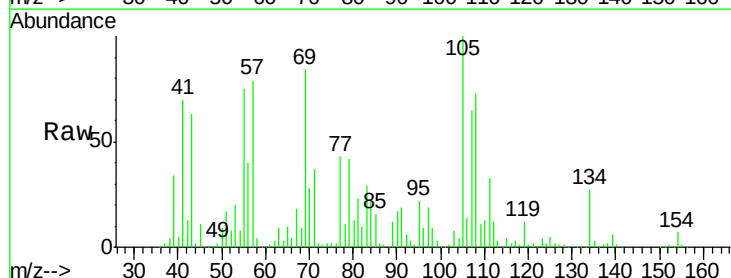
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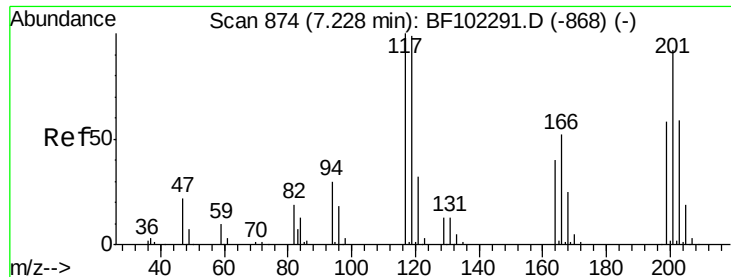
Sohil
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#17
2-Methylphenol
Concen: 51.249 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.02 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	304751		
108	112.3	91.7	137.5	
77	66.9	33.8	50.8#	
79	64.8	33.8	50.8#	





#18

Hexachloroethane

Concen: 61.031 ng m

RT: 7.24 min Scan# 876

Delta R.T. 0.02 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

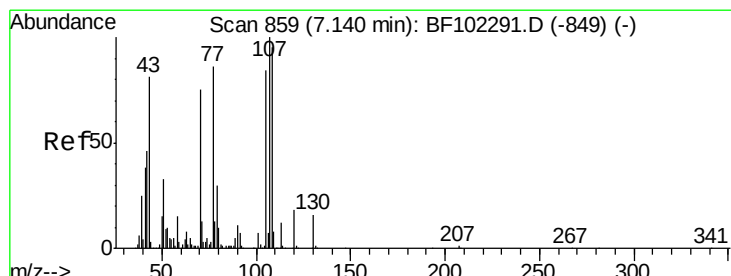
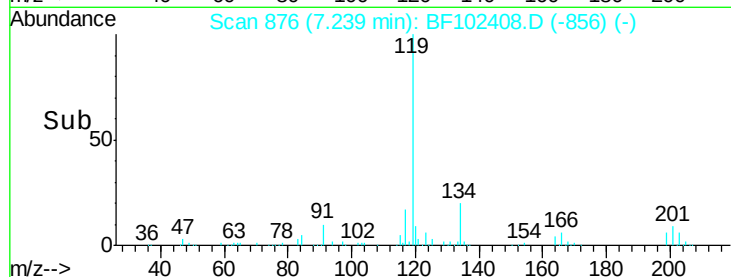
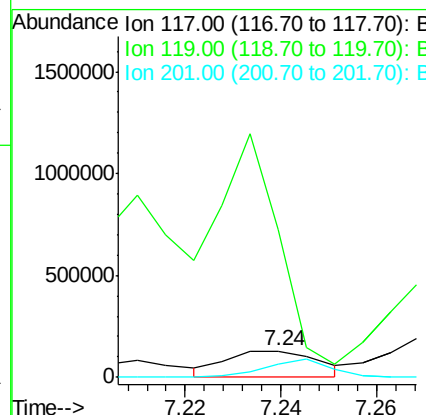
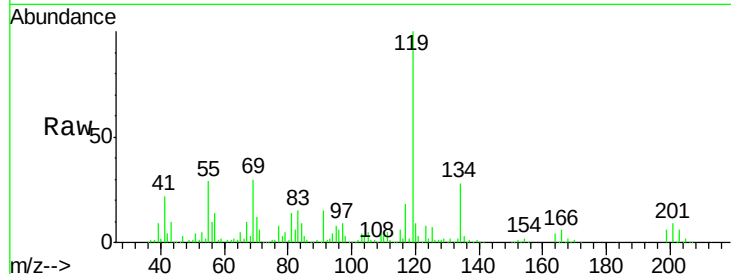
ClientSampleId :

20A-5MS

Tgt Ion: 117 Resp: 173479
 Ion Ratio Lower Upper
 117 100
 119 564.7 75.8 113.8#
 201 50.5 75.7 113.5#

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#19

n-Nitroso-di-n-propylamine

Concen: 77.740 ng m

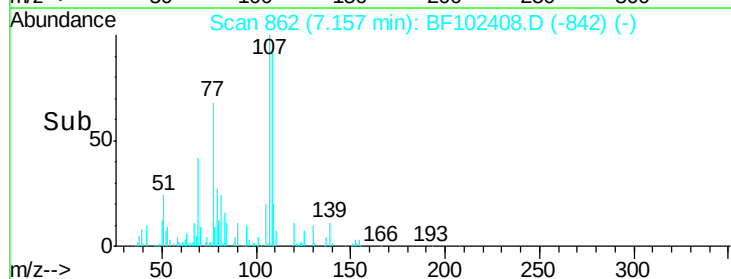
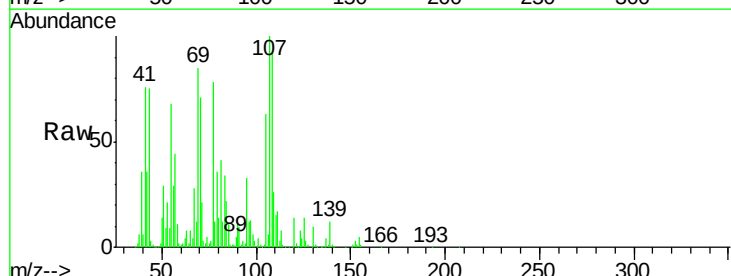
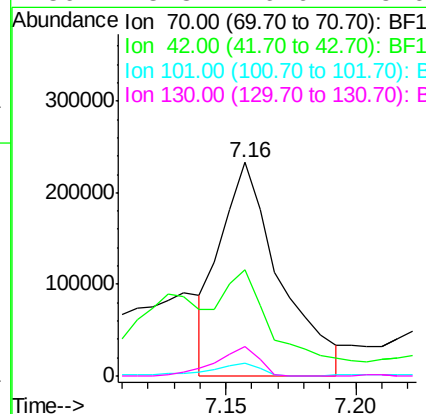
RT: 7.16 min Scan# 862

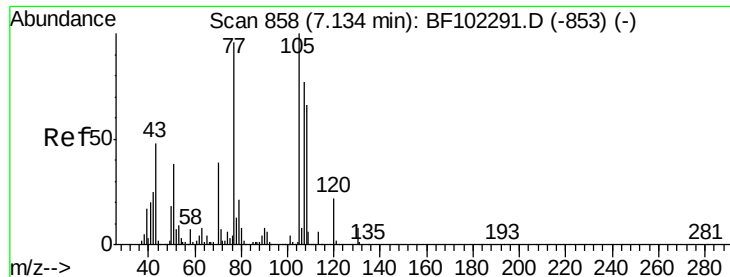
Delta R.T. 0.02 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

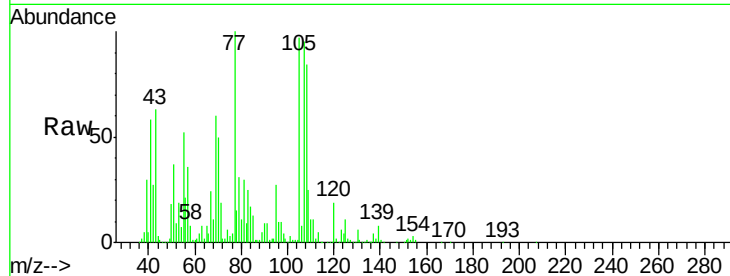
Tgt Ion: 70 Resp: 374632
 Ion Ratio Lower Upper
 70 100
 42 50.0 47.5 71.3
 101 6.0 7.4 11.2#
 130 13.8 16.6 25.0#





#20
3+4-Methylphenols
Concen: 59.586 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.02 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

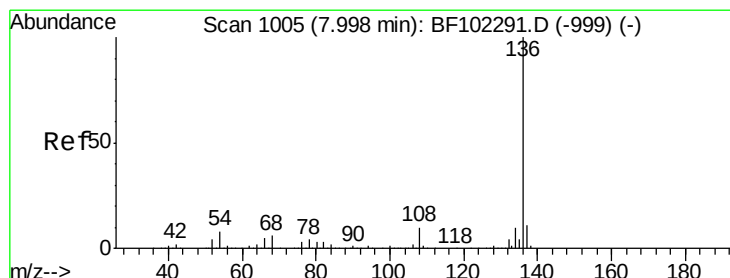
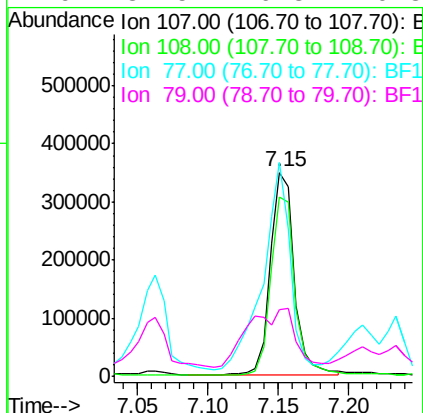
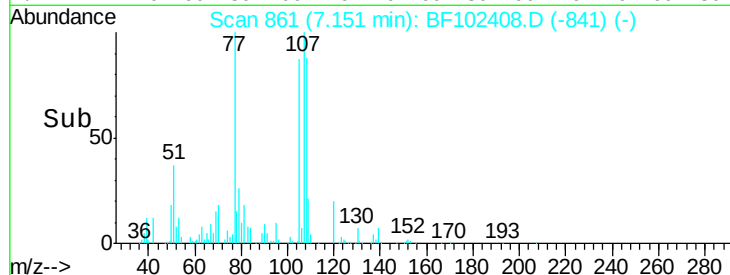
Instrument :
BNA_F
ClientSampled :
20A-5MS



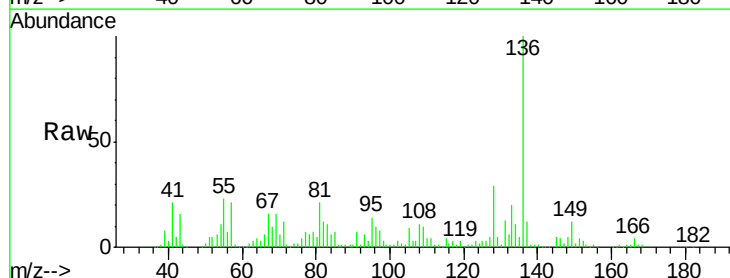
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	416732		
108	88.2	68.2	108.2	
77	104.8	26.7	66.7#	
79	32.5	6.3	46.3	

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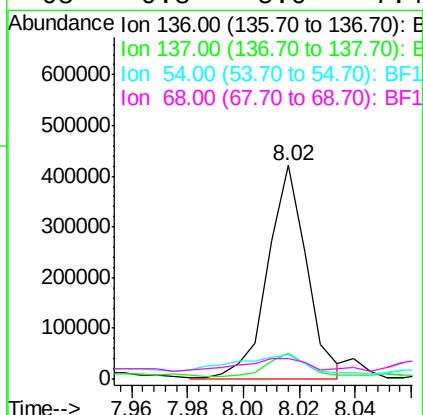
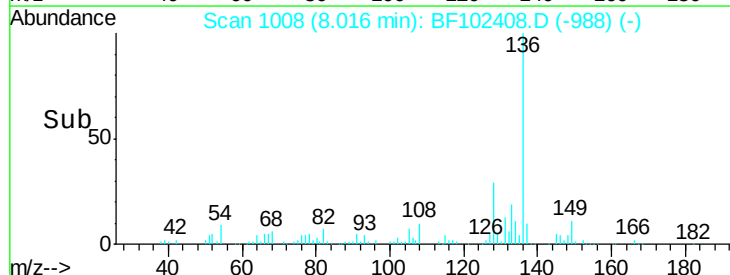
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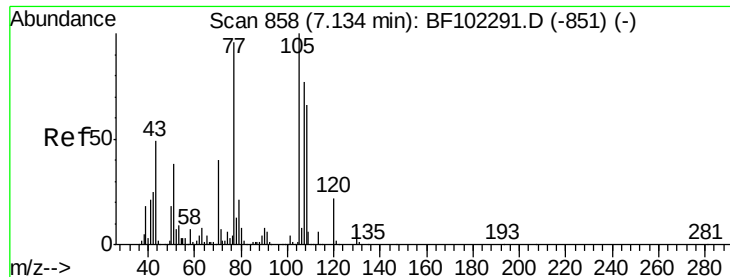


#21
Naphthalene-d8
Concen: 20.000 ng m
RT: 8.02 min Scan# 1008
Delta R.T. 0.02 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	407806		
137	12.3	8.9	13.3	
54	11.1	6.6	9.8#	
68	9.8	5.0	7.4#	





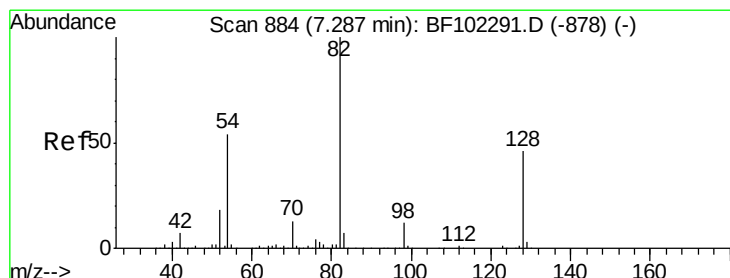
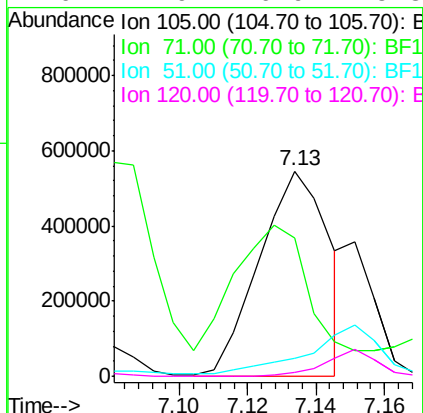
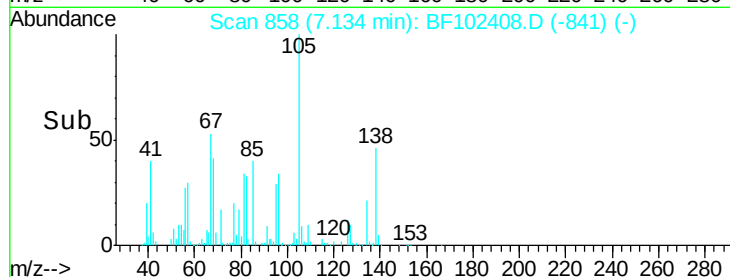
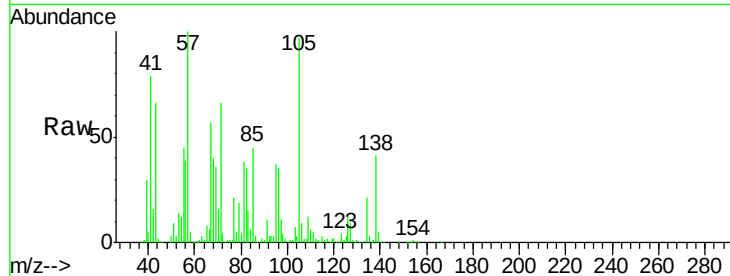
#22
Acetophenone
Concen: 79.100 ng m
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampled :
20A-5MS

Tgt Ion	Ratio	Lower	Upper
105	100		
71	67.5	4.4	6.6#
51	9.0	22.3	33.5#
120	1.9	16.9	25.3#

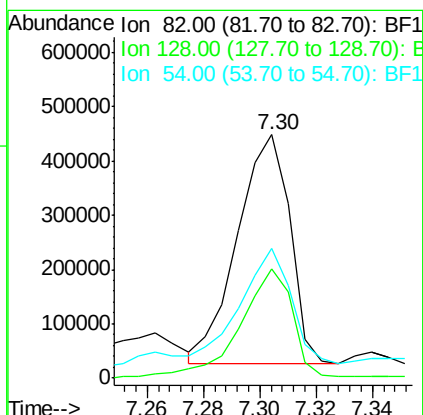
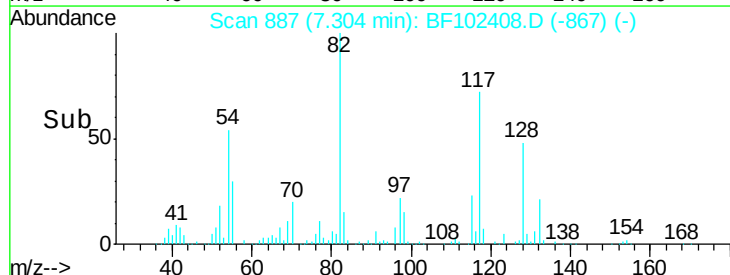
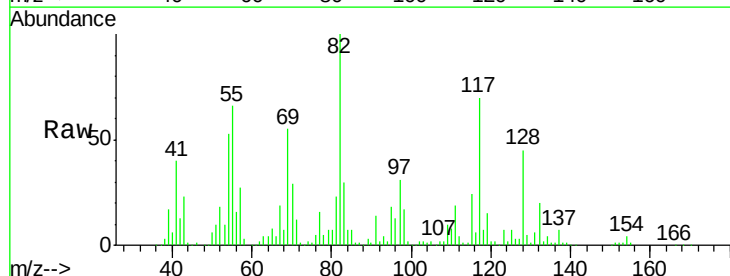
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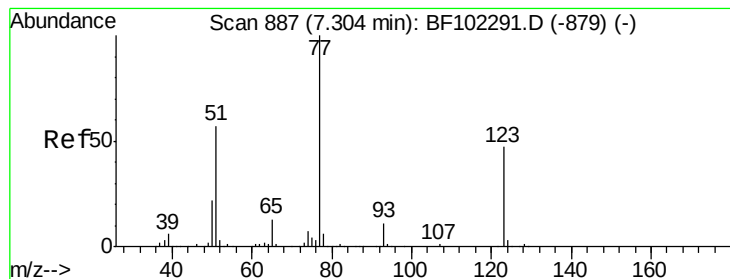
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#23
Nitrobenzene-d5
Concen: 76.872 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.02 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	53.2	41.4	62.2





#24

Nitrobenzene

Concen: 37.307 ng m

RT: 7.32 min Scan# 890

Delta R.T. 0.02 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampled :

20A-5MS

Tgt Ion: 77 Resp: 270930

Ion Ratio Lower Upper

77 100

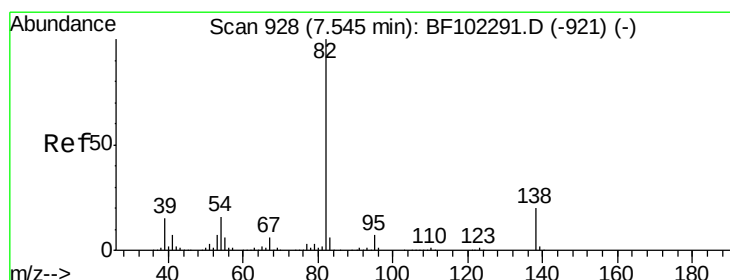
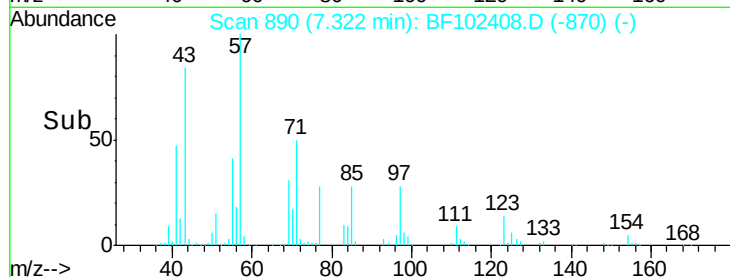
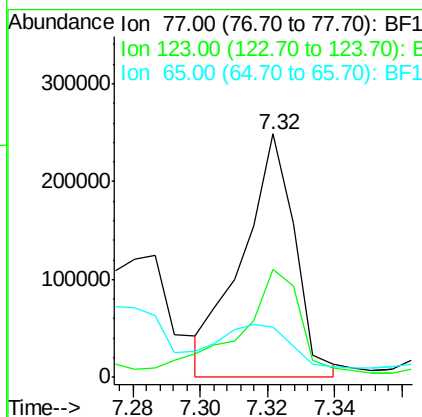
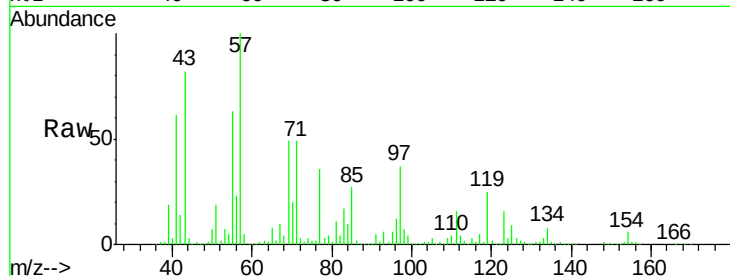
123 44.5 37.9 56.9

65 20.8 11.0 16.4#

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#25

Isophorone

Concen: 58.116 ng m

RT: 7.56 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

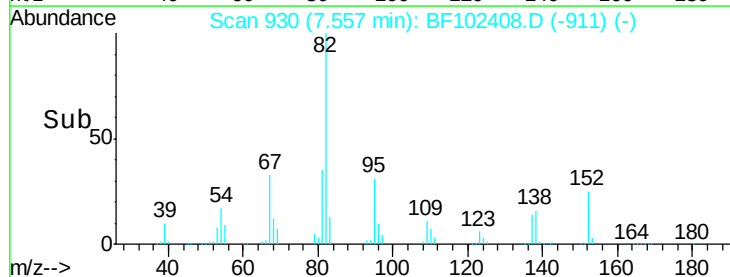
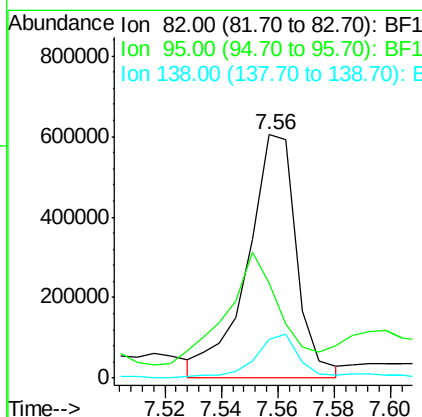
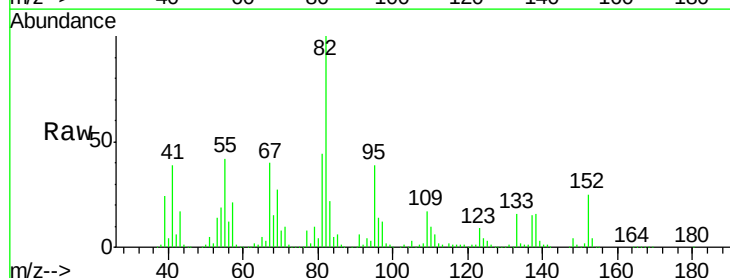
Tgt Ion: 82 Resp: 735223

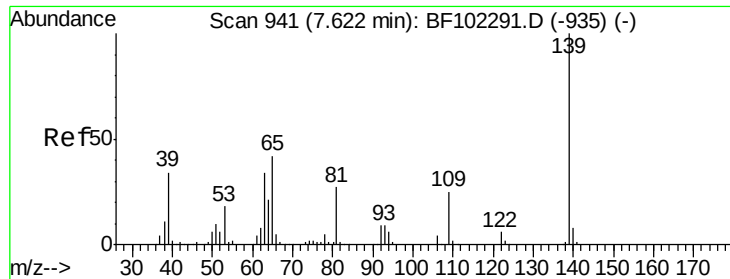
Ion Ratio Lower Upper

82 100

95 38.9 5.2 7.8#

138 15.7 14.9 22.3





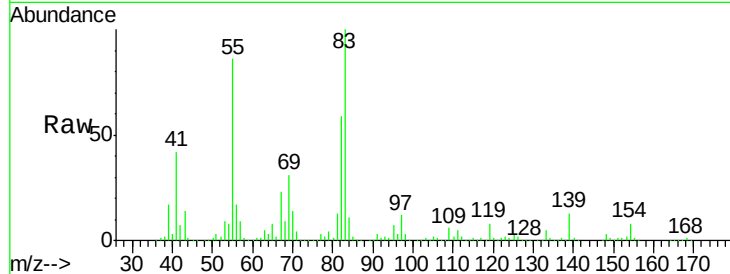
#26
 2-Nitrophenol
 Concen: 32.267 ng m
 RT: 7.63 min Scan# 943
 Delta R.T. 0.02 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 20A-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	123331		
109	50.9	22.7	34.1#	
65	61.6	40.5	60.7#	

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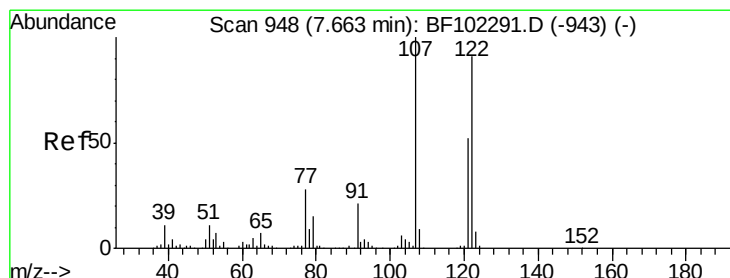
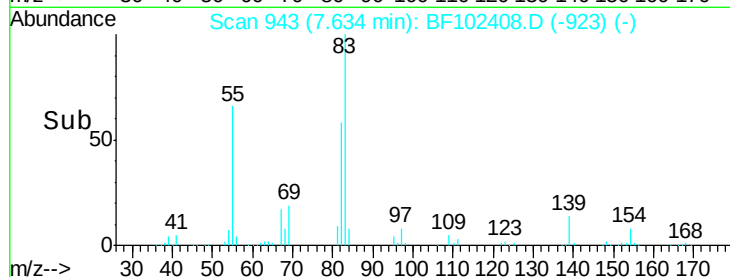
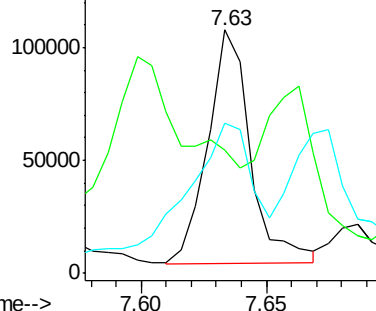


Abundance

Ion 139.00 (138.70 to 139.70): E

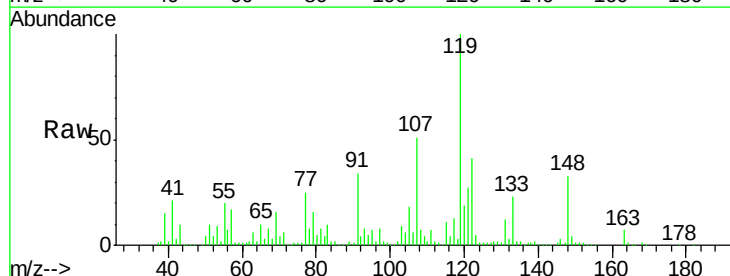
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#27
 2,4-Dimethylphenol
 Concen: 46.080 ng
 RT: 7.67 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	255744		
107	126.4	91.2	136.8	
121	65.4	47.2	70.8	

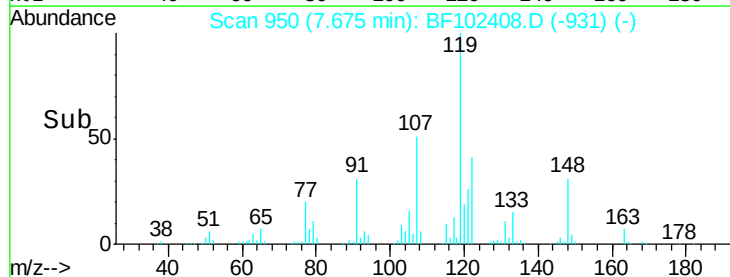
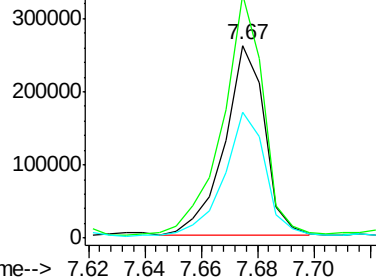


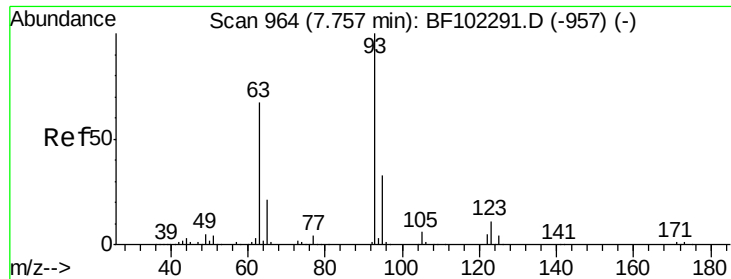
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





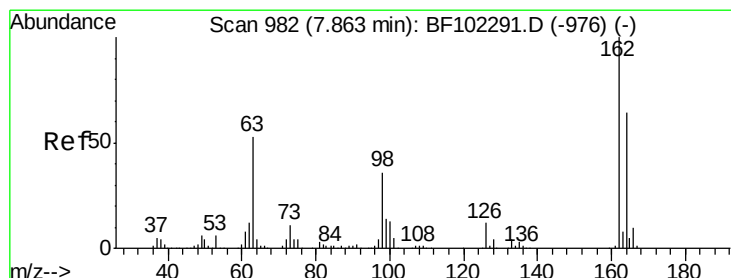
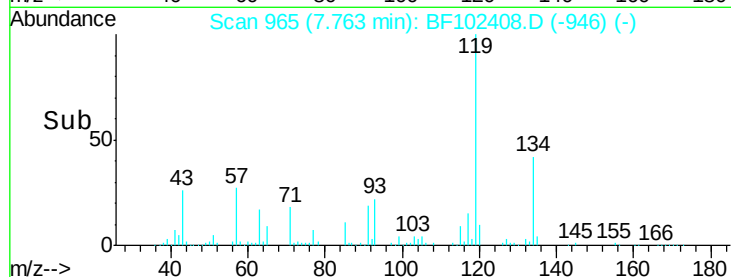
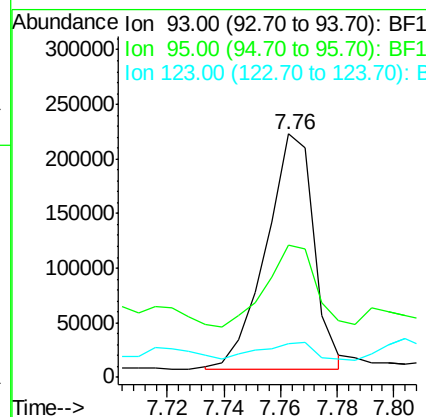
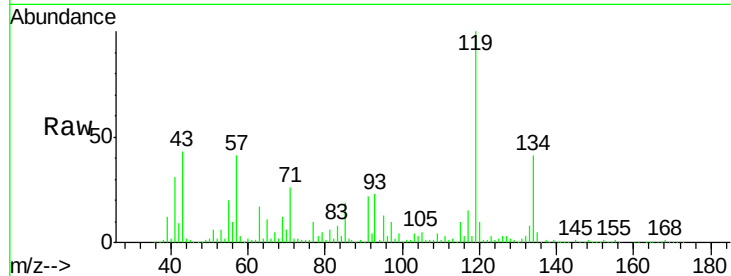
#28
 bis(2-Chloroethoxy)methane
 Concen: 32.258 ng m
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Instrument :
 BNA_F
 ClientSampled :
 20A-5MS

Tgt Ion: 93 Resp: 252093
 Ion Ratio Lower Upper
 93 100
 95 54.3 26.3 39.5#
 123 13.7 9.8 14.6

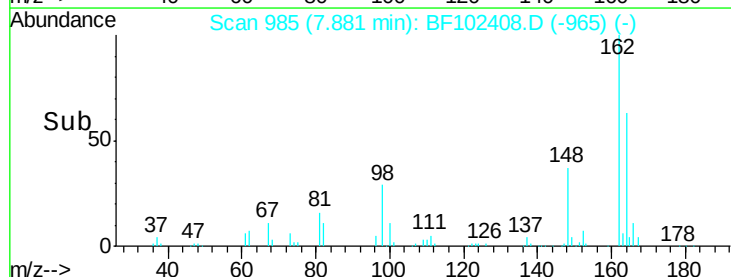
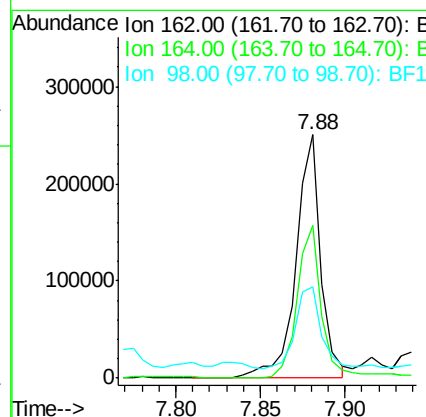
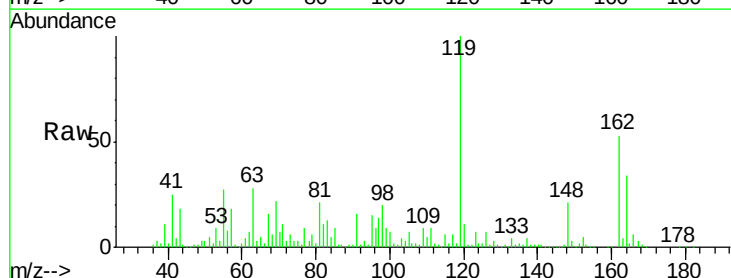
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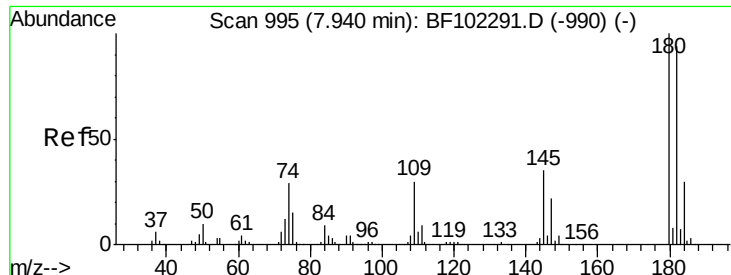
Sohil
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#29
 2,4-Dichlorophenol
 Concen: 45.089 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.02 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

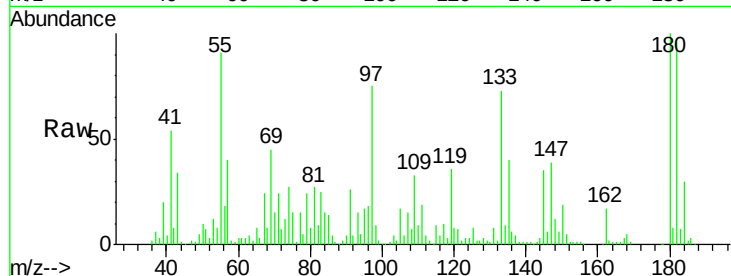
Tgt Ion: 162 Resp: 254908
 Ion Ratio Lower Upper
 162 100
 164 62.8 42.7 82.7
 98 37.3 18.1 58.1





#30
1,2,4-Trichlorobenzene
Concen: 38.121 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.02 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

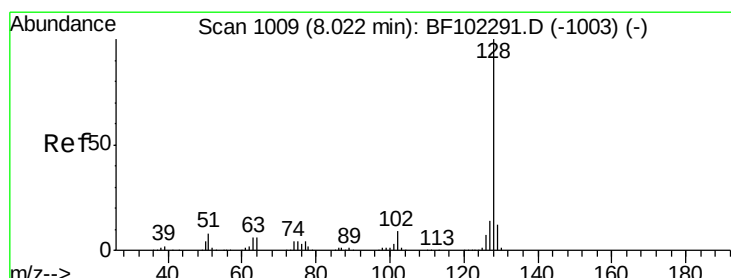
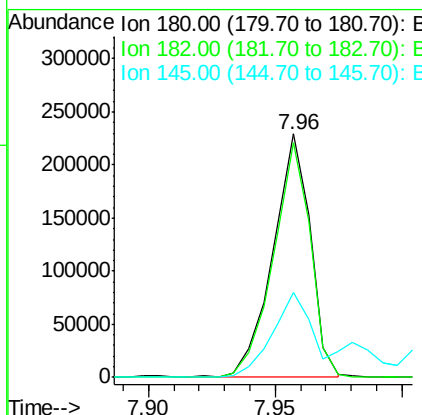
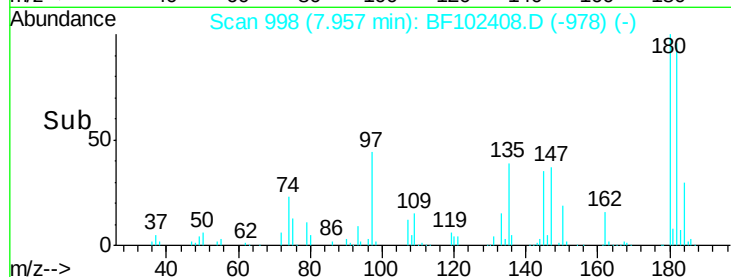
Instrument :
BNA_F
ClientSampleId :
20A-5MS



Tgt Ion:180 Resp: 231021
Ion Ratio Lower Upper
180 100
182 96.2 76.8 115.2
145 35.0 26.5 39.7

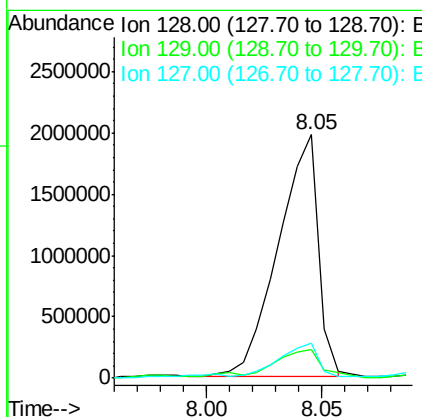
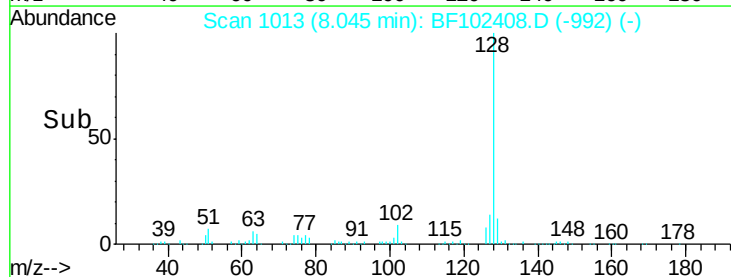
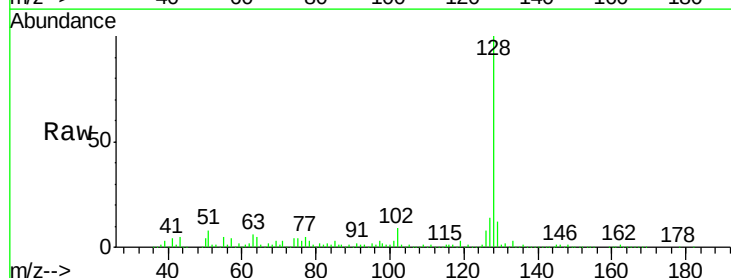
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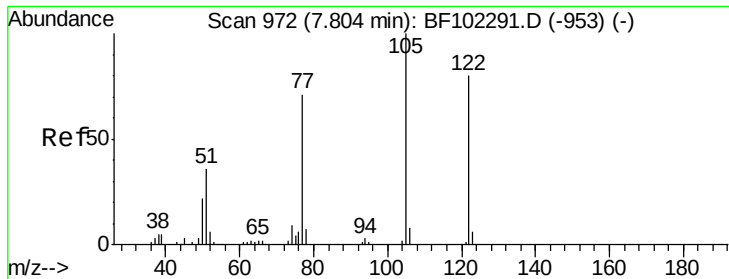
Sohil
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#31
Naphthalene
Concen: 115.485 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.02 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion:128 Resp: 2351408
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 14.4 10.9 16.3





#32

Benzoic acid

Concen: 27.921 ng m

RT: 7.87 min Scan# 983

Delta R.T. 0.06 min

Lab File: BF102408.D

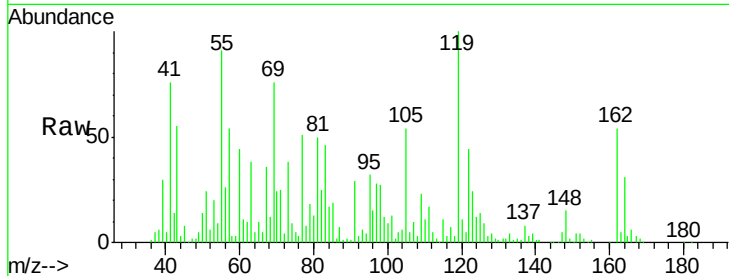
Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampled :

20A-5MS



Tgt Ion:122 Resp: 129829

Ion Ratio Lower Upper

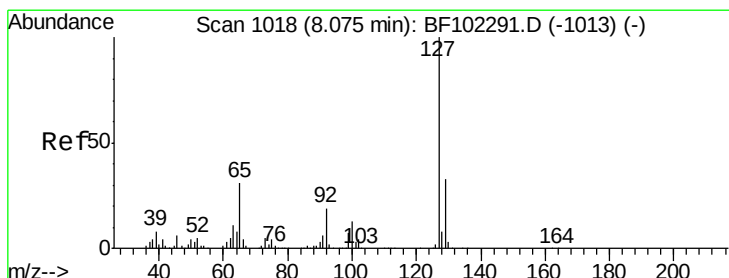
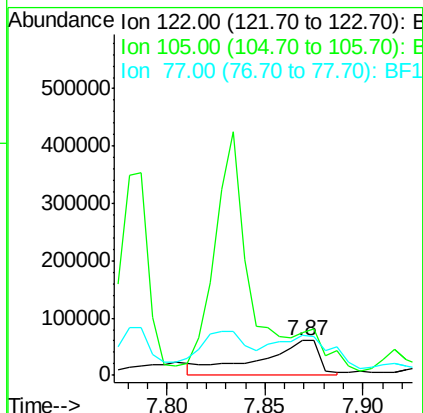
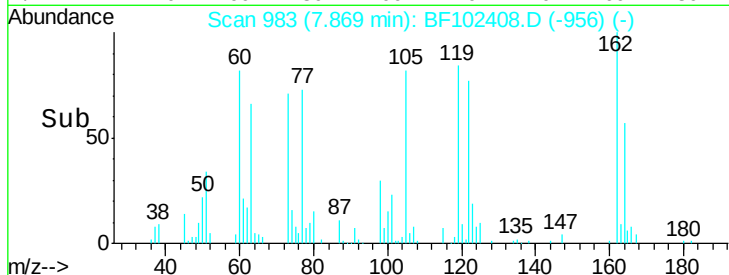
122 100

105 123.6 101.1 141.1

77 117.0 70.7 110.7#

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#33

4-Chloroaniline

Concen: 10.429 ng m

RT: 8.09 min Scan# 1021

Delta R.T. 0.02 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Tgt Ion:127 Resp: 89297

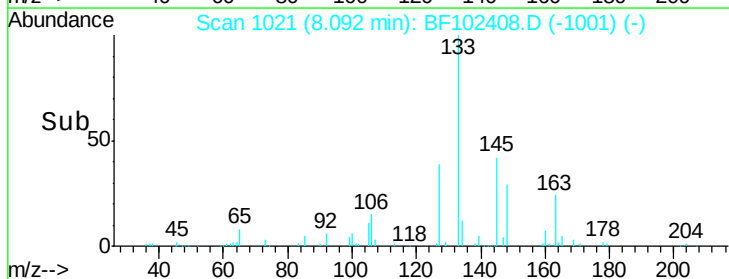
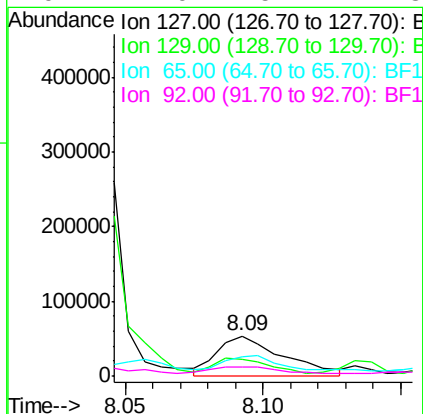
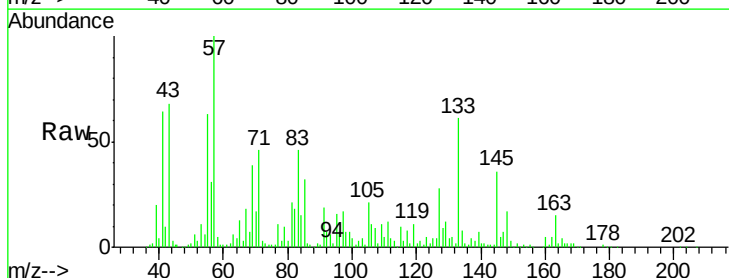
Ion Ratio Lower Upper

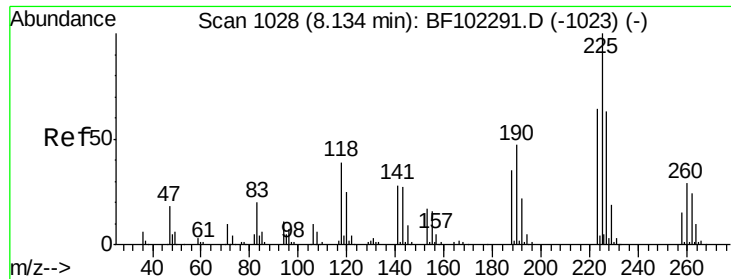
127 100

129 42.5 25.9 38.9#

65 48.2 25.0 37.4#

92 24.0 15.2 22.8#





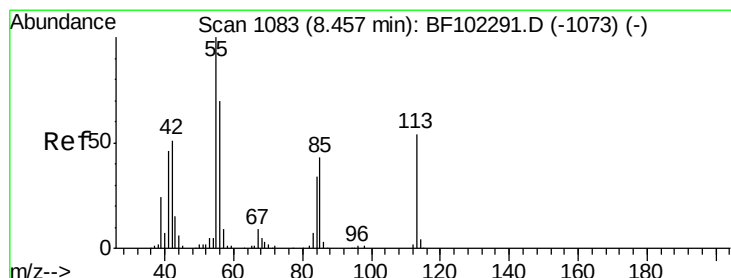
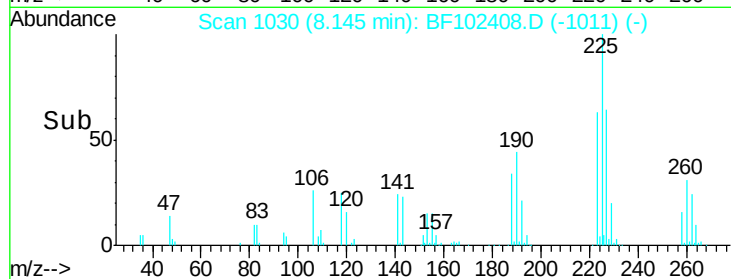
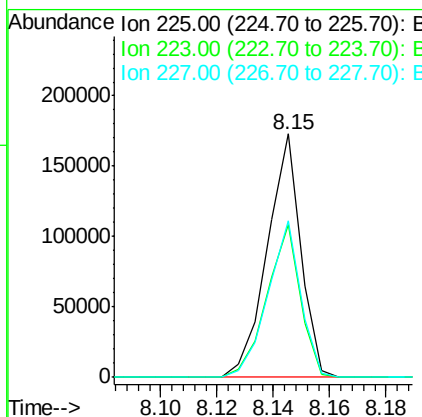
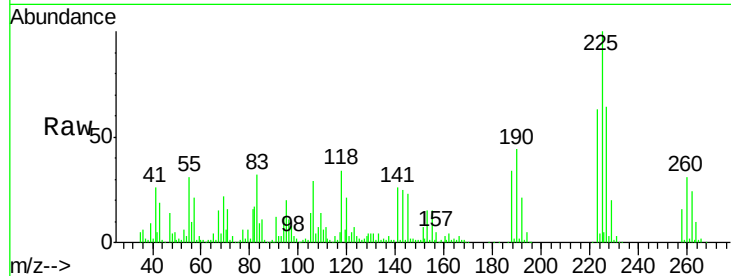
#34
Hexachlorobutadiene
Concen: 44.041 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampled :
20A-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	142549		
223	62.8	50.6	76.0	
227	64.2	51.9	77.9	

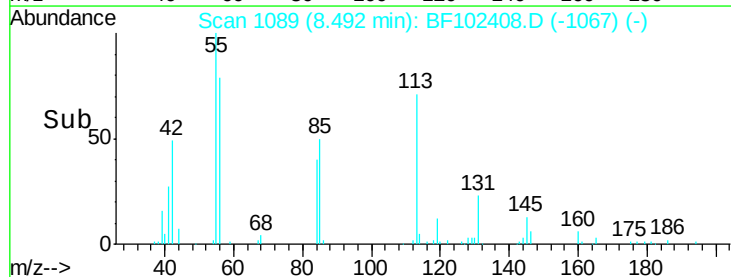
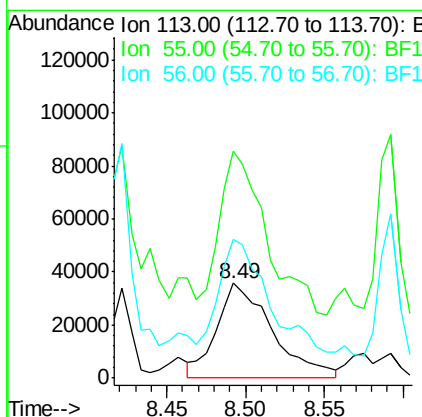
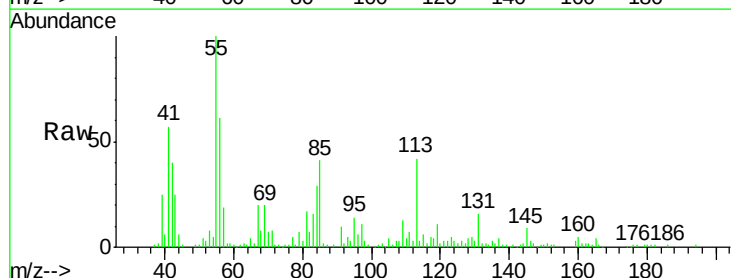
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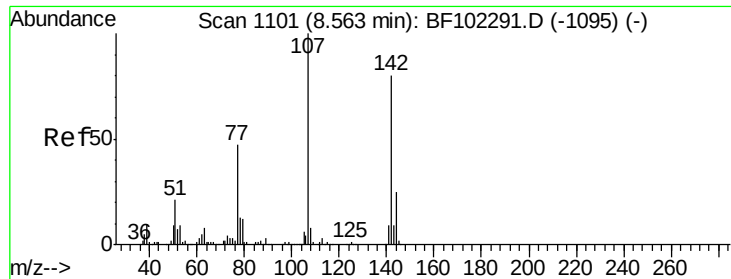
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#35
Caprolactam
Concen: 47.165 ng m
RT: 8.49 min Scan# 1089
Delta R.T. 0.03 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	88062		
55	239.7	163.3	203.3#	
56	145.8	115.7	155.7	





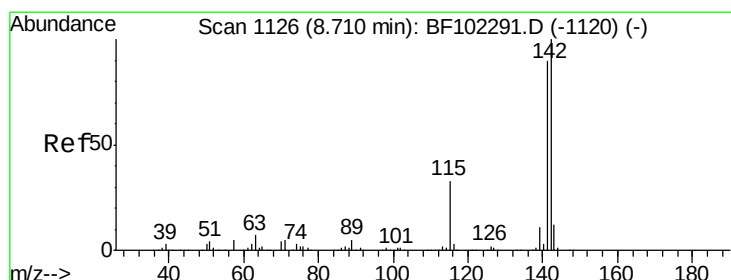
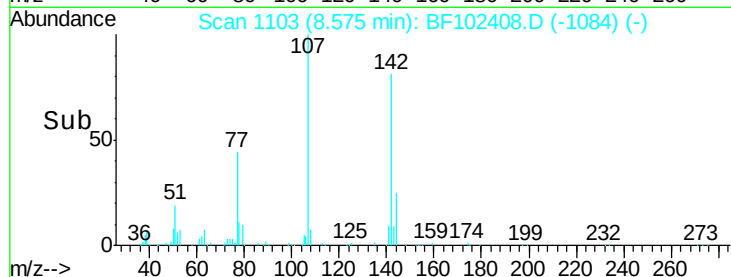
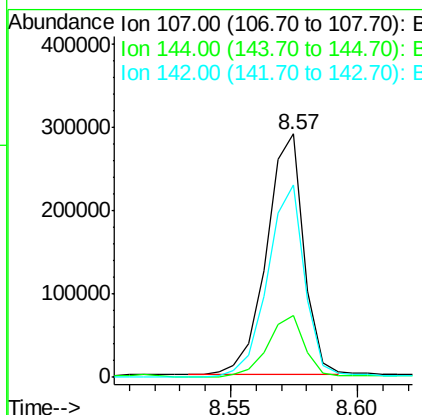
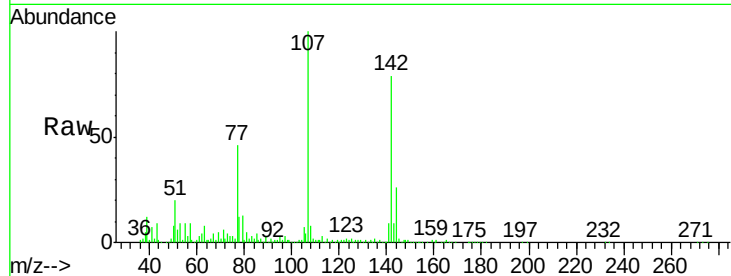
#36
 4-Chloro-3-methylphenol
 Concen: 49.971 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 20A-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	297781		
144	25.5	20.5	30.7	
142	79.3	62.0	93.0	

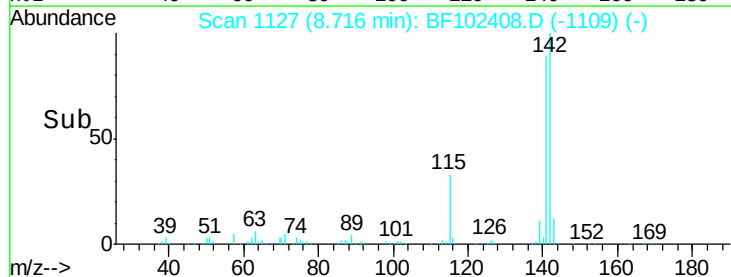
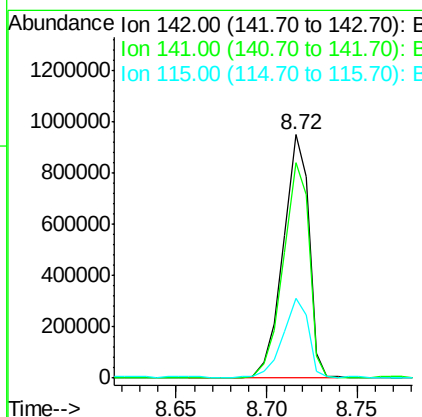
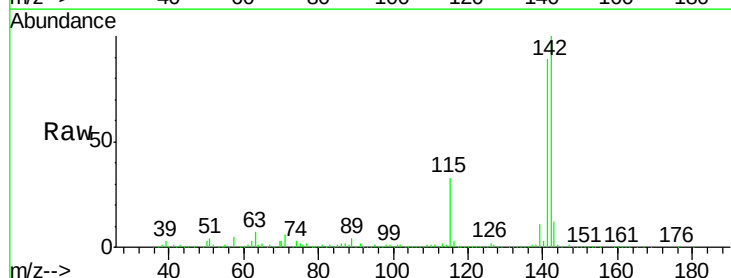
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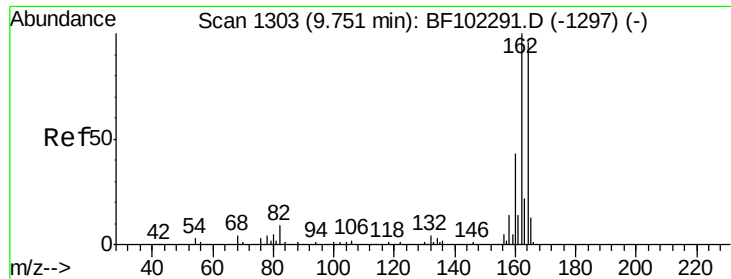
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#37
 2-Methylnaphthalene
 Concen: 69.605 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	943840		
141	88.7	70.8	106.2	
115	32.9	26.1	39.1	





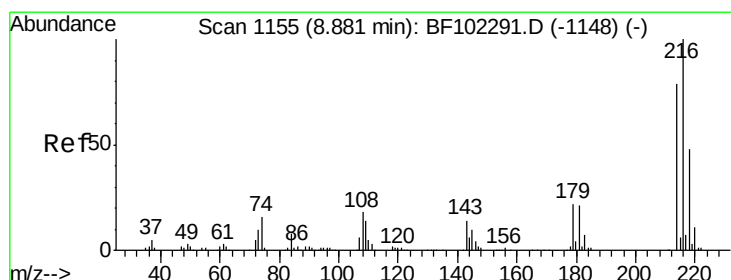
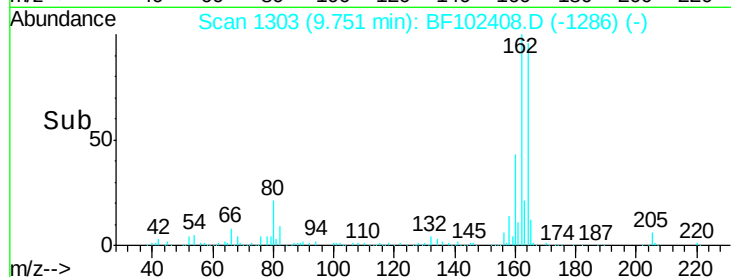
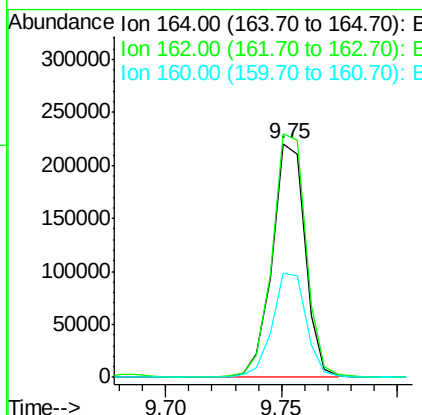
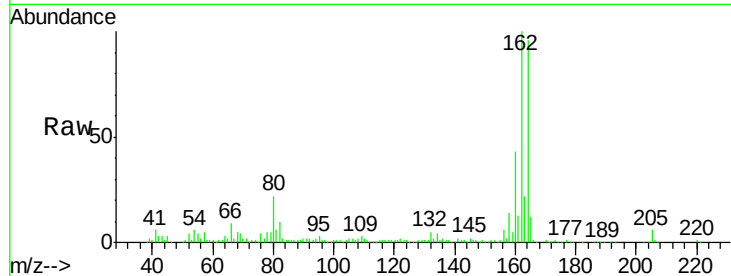
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 20A-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	218379		
162	104.2	86.1	129.1	
160	44.8	38.3	57.5	

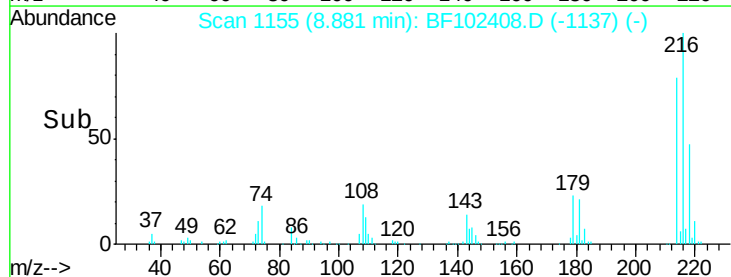
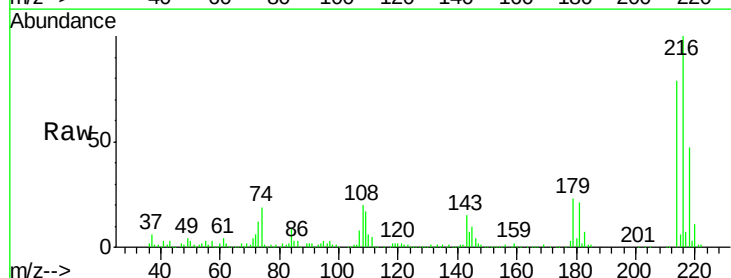
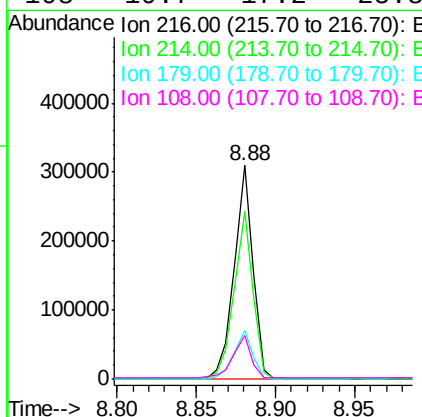
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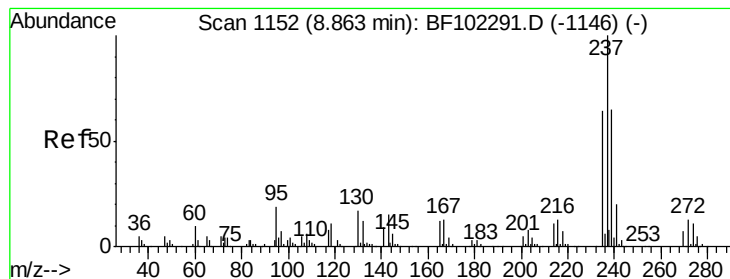
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#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.929 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	255772		
214	79.5	63.0	94.4	
179	22.4	18.1	27.1	
108	19.7	17.2	25.8	





#40

Hexachlorocyclopentadiene

Concen: 22.158 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

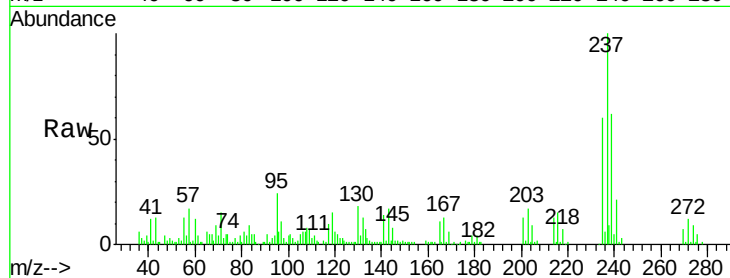
ClientSampled :

20A-5MS

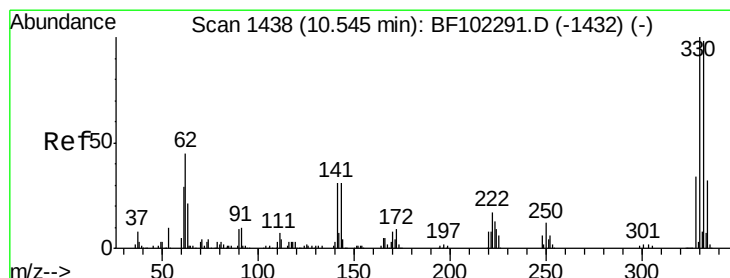
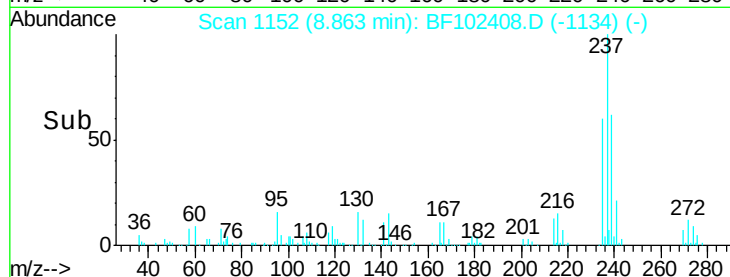
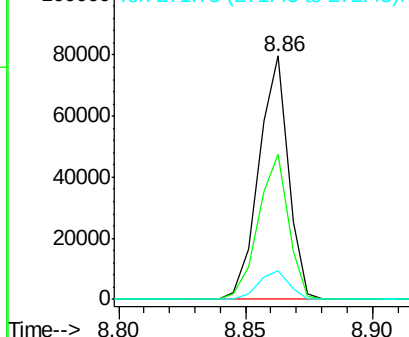
Tgt Ion:	237	Resp:	65152
Ion Ratio	Lower	Upper	
237	100		
235	59.7	44.8	84.8
272	11.8	0.0	33.3

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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: 89.976 ng

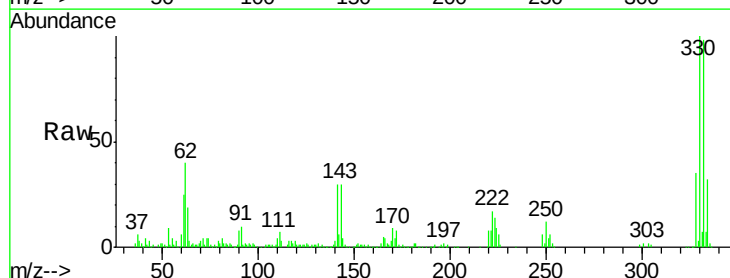
RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

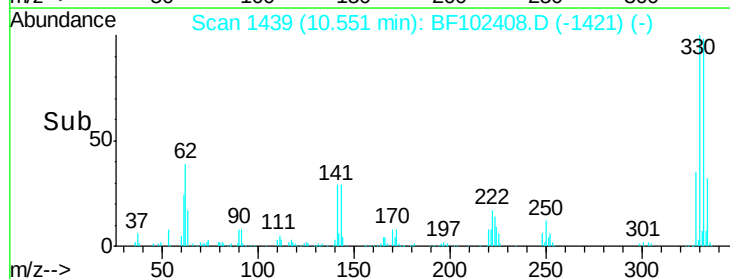
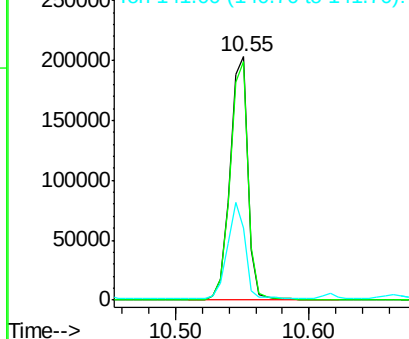
Lab File: BF102408.D

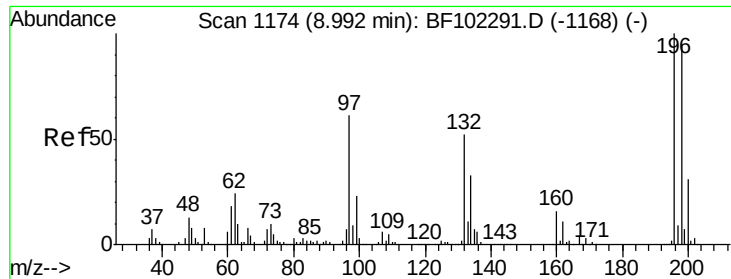
Acq: 24 Jan 2018 23:41

Tgt Ion:	330	Resp:	194692
Ion Ratio	Lower	Upper	
330	100		
332	98.0	77.0	115.6
141	39.3	29.9	44.9



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





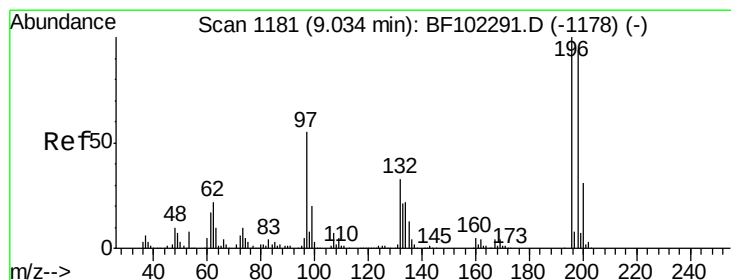
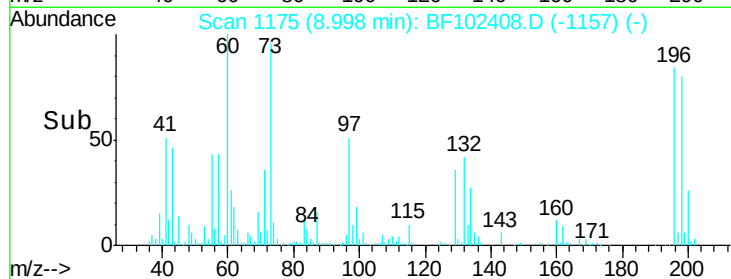
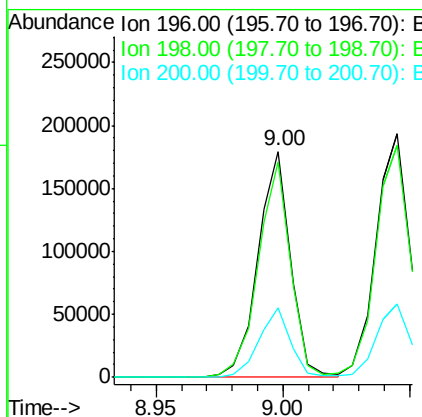
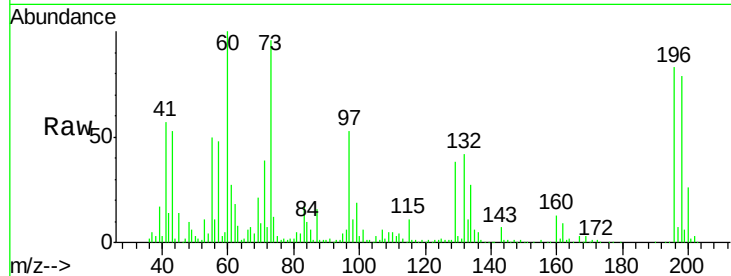
#42
 2,4,6-Trichlorophenol
 Concen: 36.717 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Instrument :
 BNA_F
 ClientSampled :
 20A-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	161488		
198	95.4	75.7	113.5	
200	30.6	24.5	36.7	

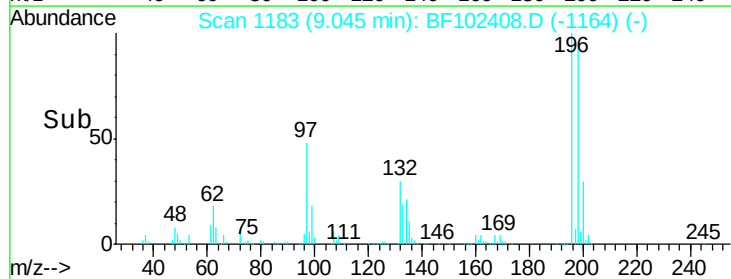
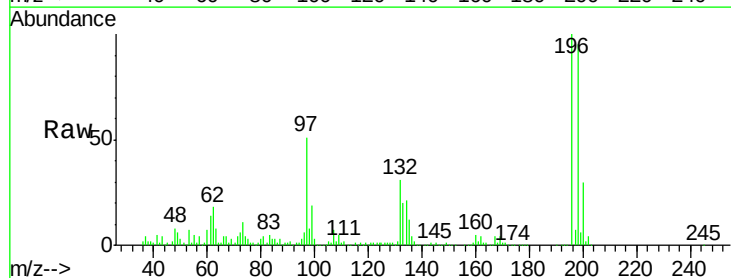
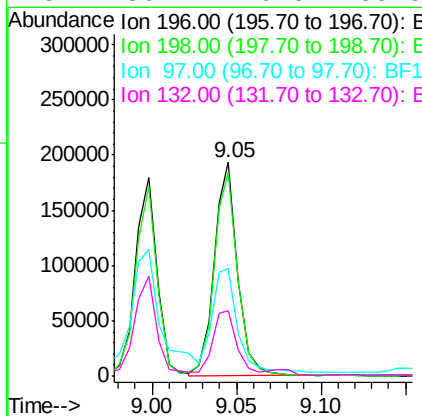
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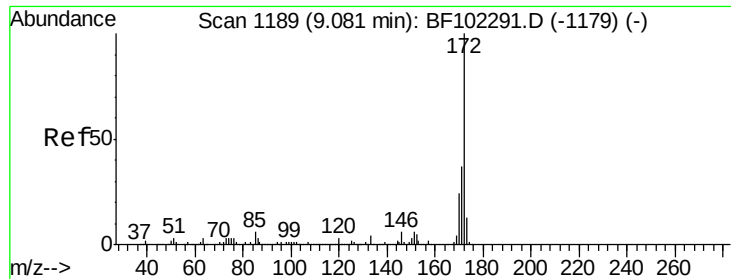
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#43
 2,4,5-Trichlorophenol
 Concen: 37.440 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	185407		
198	95.2	74.6	112.0	
97	50.6	42.9	64.3	
132	30.7	26.3	39.5	





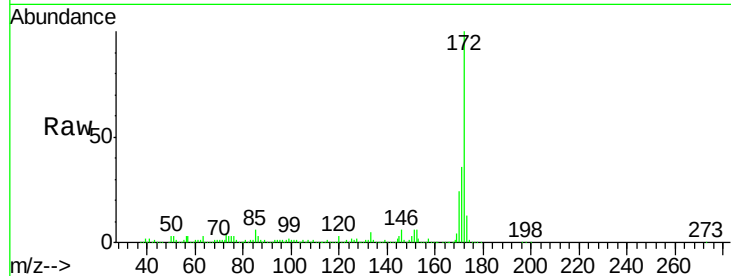
#44
 2-Fluorobiphenyl
 Concen: 77.195 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Instrument :
 BNA_F
 ClientSampled :
 20A-5MS

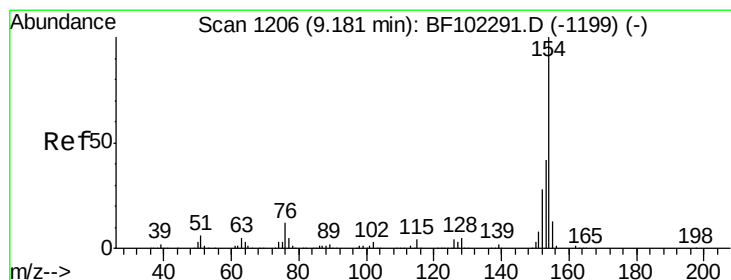
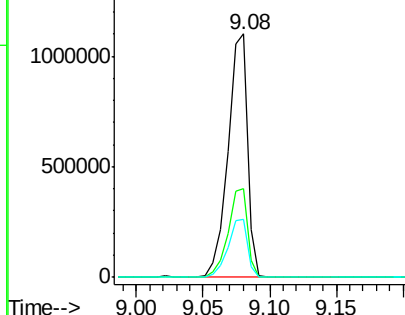
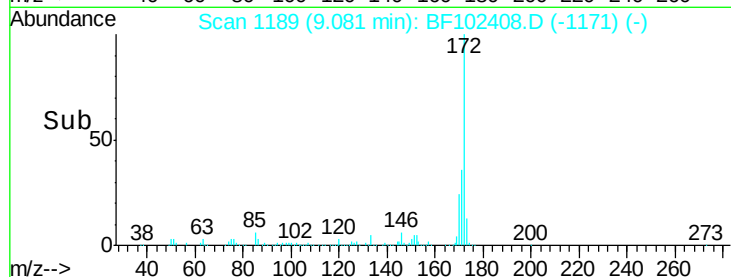
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.8	19.6	29.4

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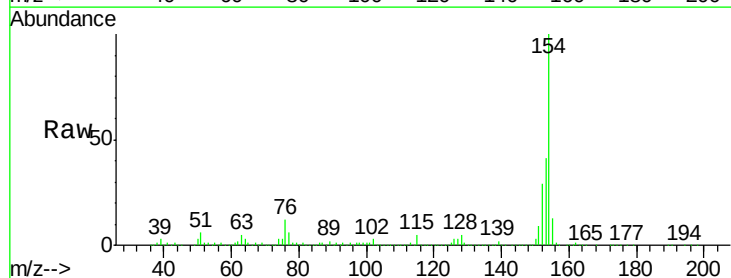


Abundance Ion 172.00 (171.70 to 172.70): E
 1500000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

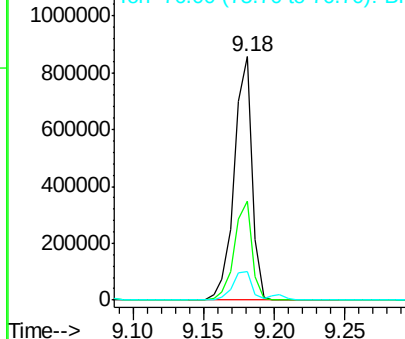
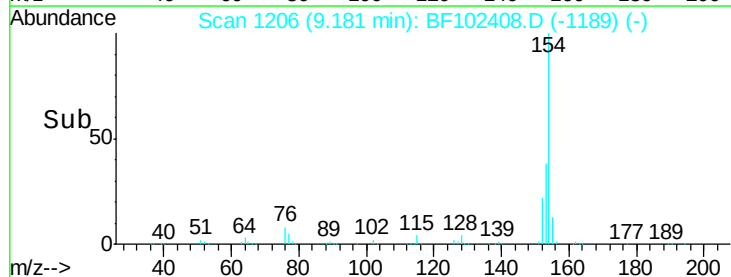


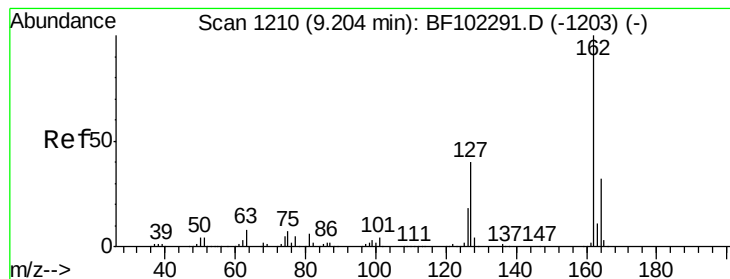
#45
 1,1'-Biphenyl
 Concen: 38.536 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	11.7	0.0	34.0



Abundance Ion 154.00 (153.70 to 154.70): E
 1000000
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





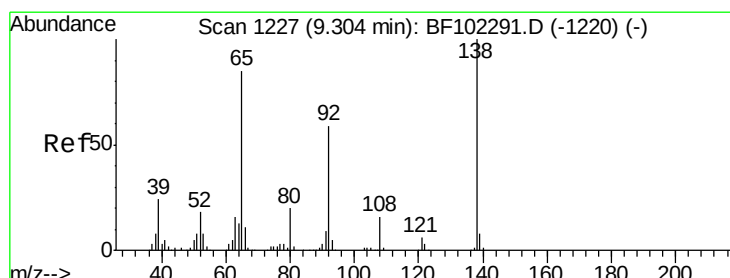
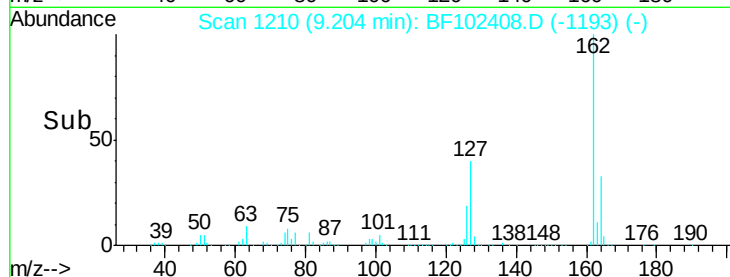
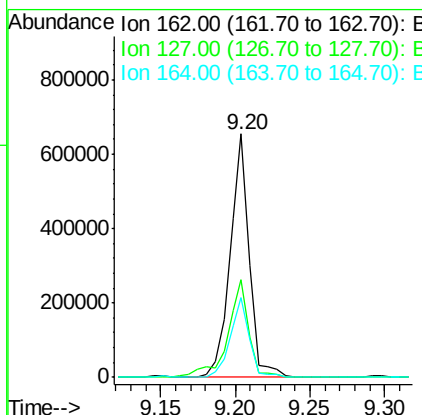
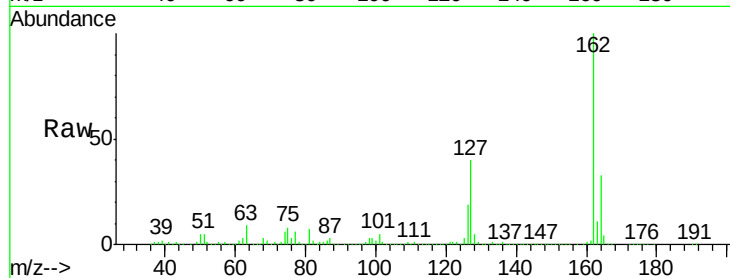
#46
2-Chloronaphthalene
Concen: 39.151 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampleId :
20A-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	594231		
127	40.3	33.9	50.9	
164	32.8	26.5	39.7	

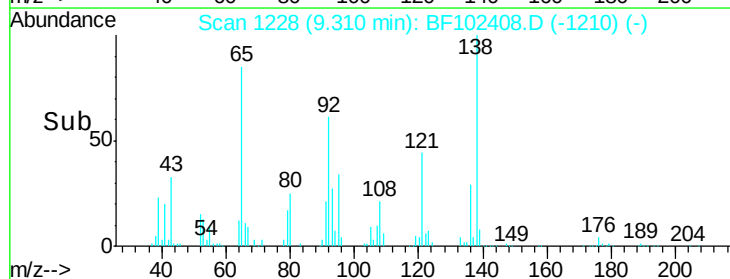
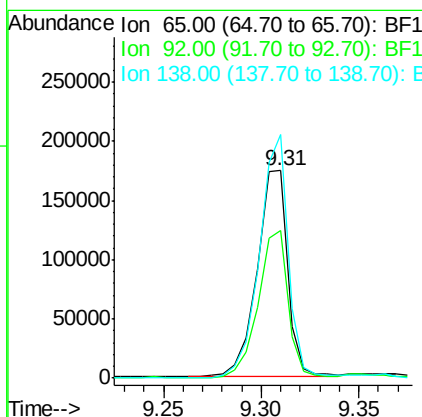
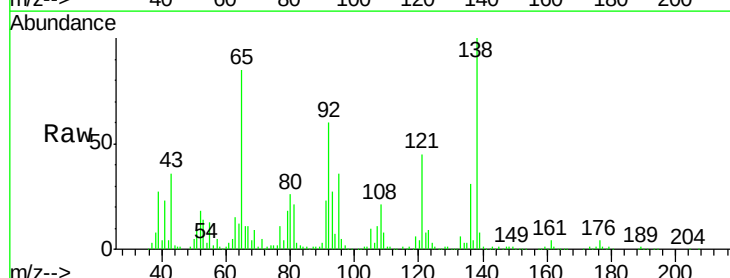
Manual Integrations
APPROVED

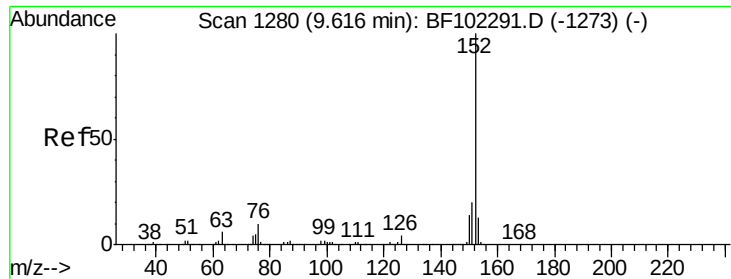
Sohil
1/25/2018 5:30:37 PM



#47
2-Nitroaniline
Concen: 40.730 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	192730		
92	71.0	55.8	83.6	
138	117.4	91.2	136.8	





#48

Acenaphthylene

Concen: 34.675 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

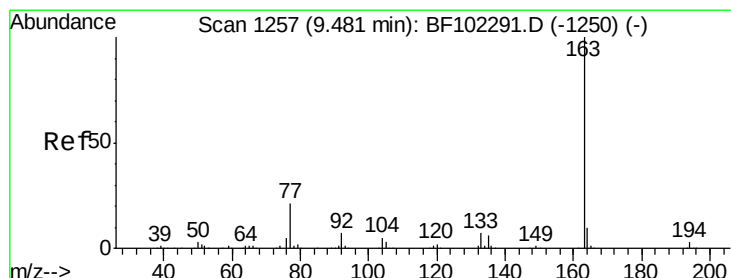
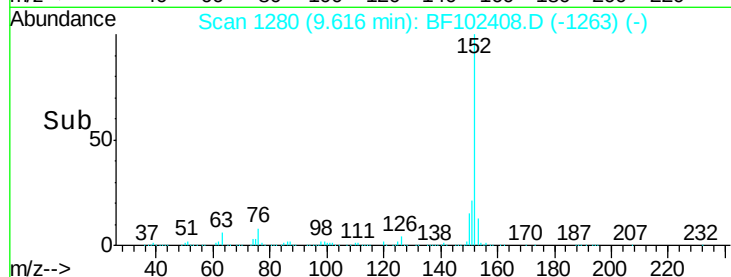
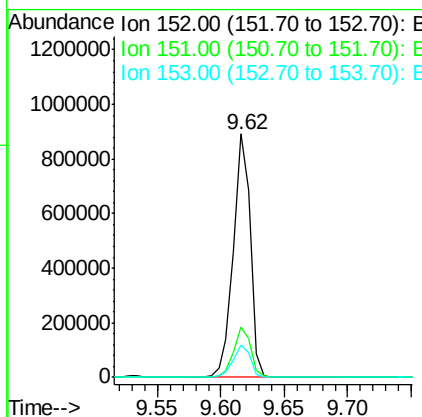
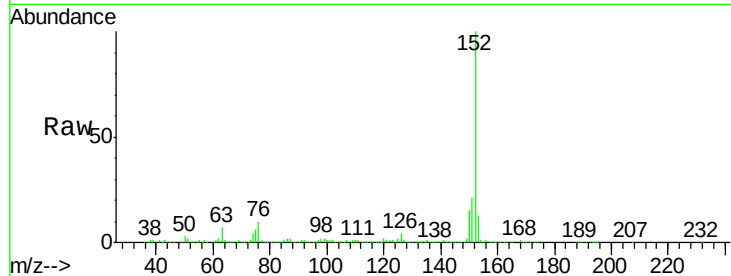
ClientSampleId :

20A-5MS

Tgt Ion:	152	Resp:	819914
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.3	24.5
153	13.2	10.7	16.1

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:37 PM



#49

Dimethylphthalate

Concen: 47.134 ng

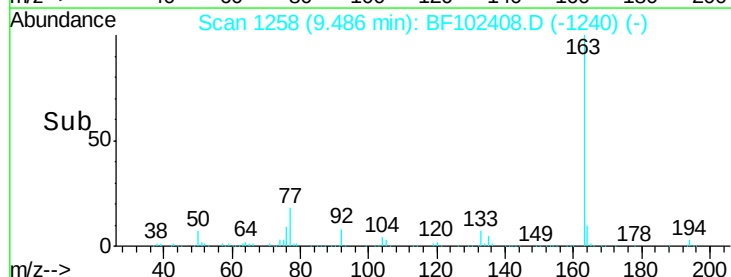
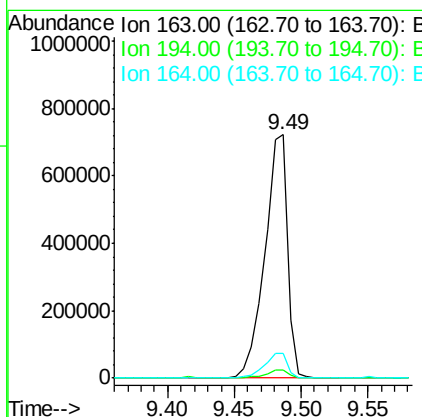
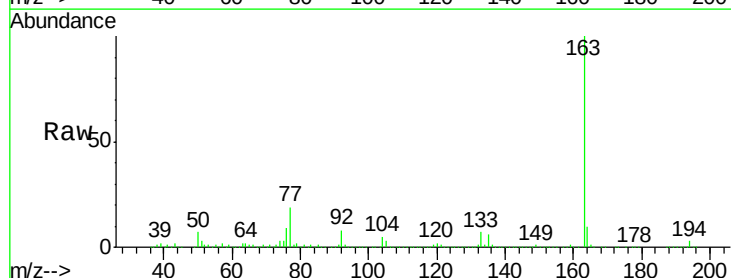
RT: 9.49 min Scan# 1258

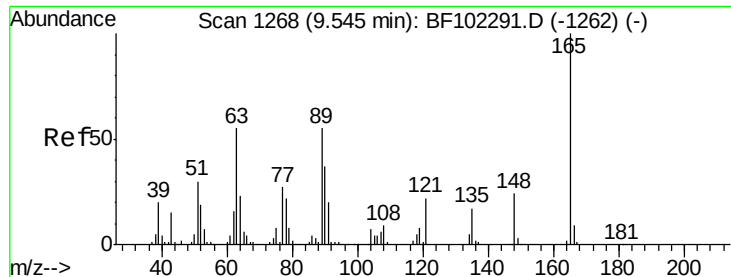
Delta R.T. 0.01 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Tgt Ion:	163	Resp:	850792
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	10.4	8.2	12.2





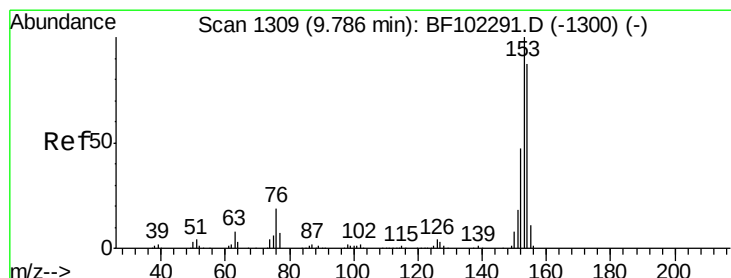
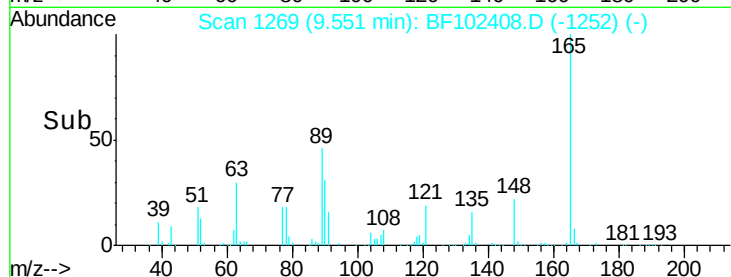
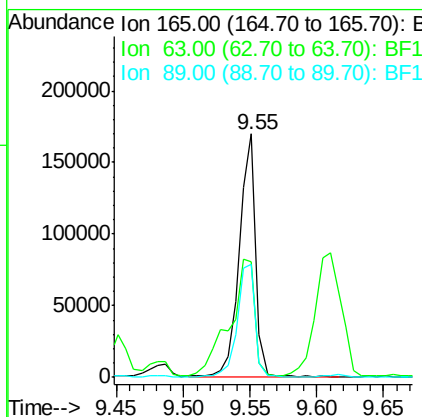
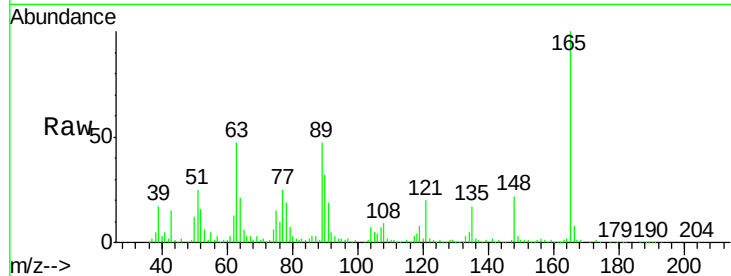
#50
2,6-Dinitrotoluene
Concen: 36.973 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampled :
20A-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	143887		
63	47.4	44.7	67.1	
89	46.6	44.0	66.0	

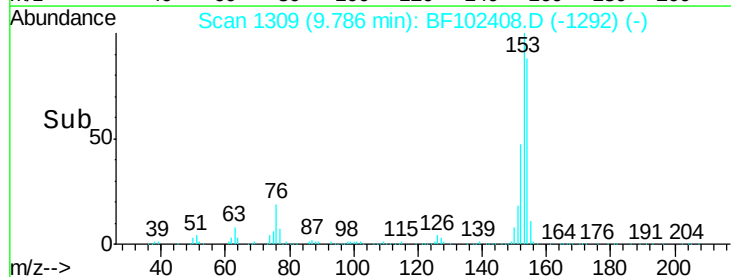
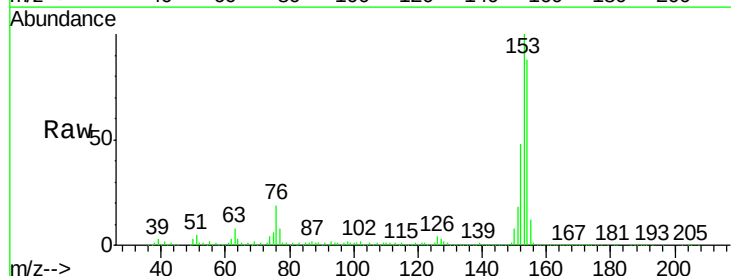
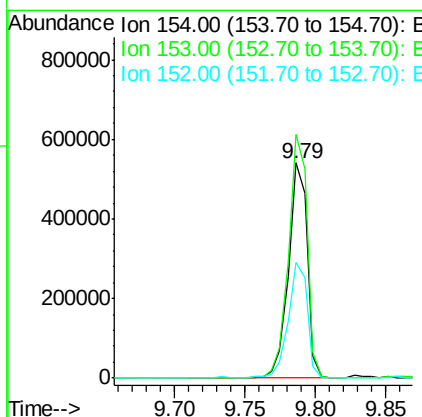
Manual Integrations
APPROVED

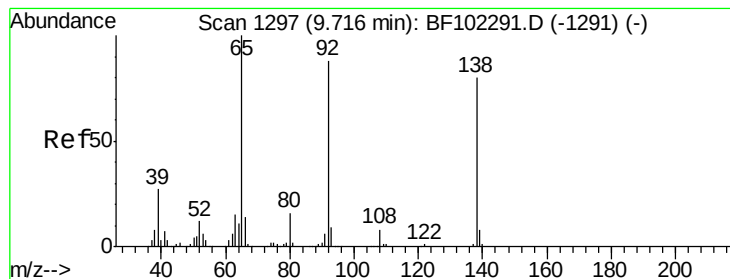
Sohil
1/25/2018 5:30:37 PM



#51
Acenaphthene
Concen: 36.194 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	499843		
153	113.3	91.2	136.8	
152	53.9	43.8	65.8	





#52

3-Nitroaniline

Concen: 16.975 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

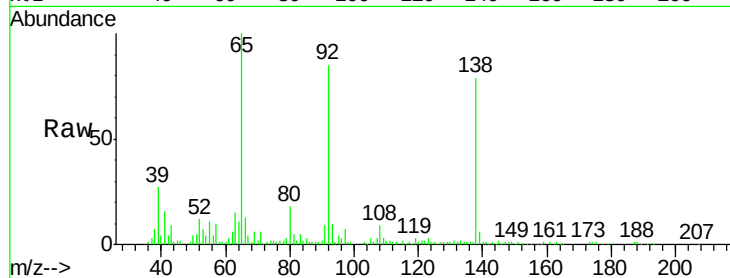
ClientSampleId :

20A-5MS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.4	14.0
92	106.5	89.4	134.2

Manual Integrations
APPROVED

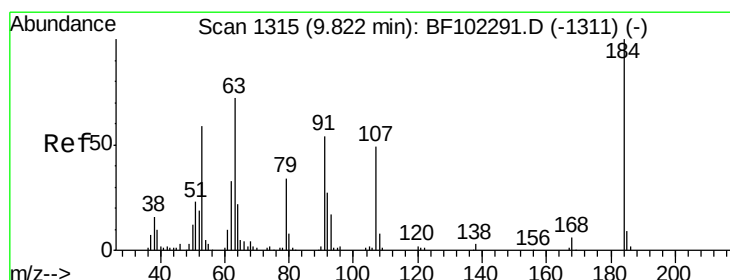
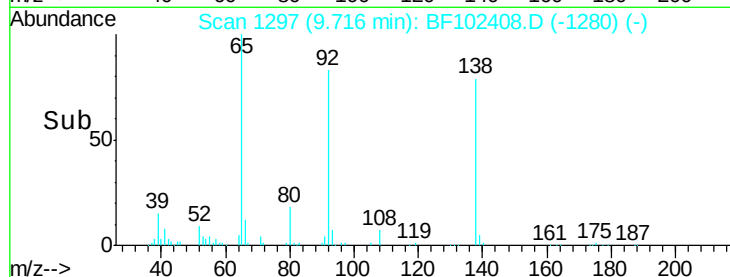
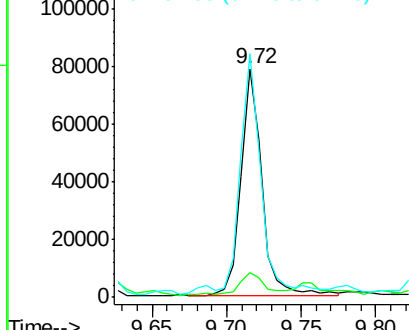
Sohil
1/25/2018 5:30:37 PM



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: 8.662 ng

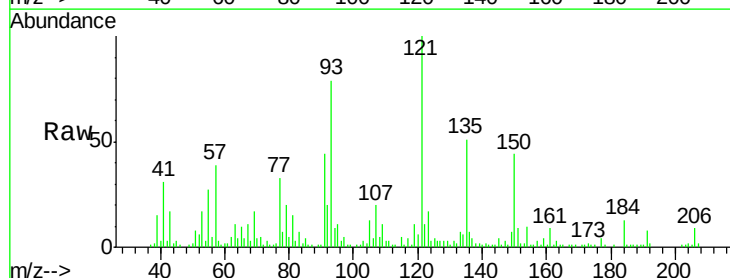
RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

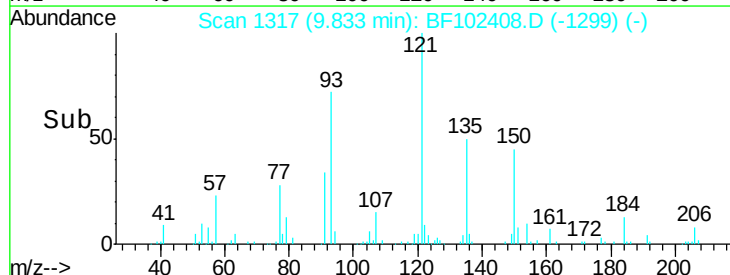
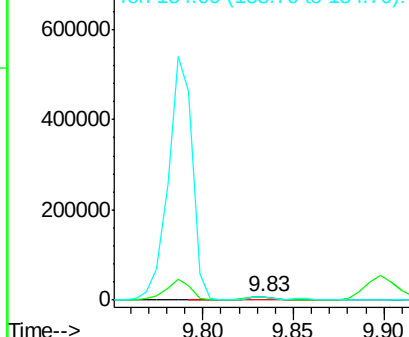
Tgt Ion	Ratio	Lower	Upper
184	100		
63	85.6	54.2	81.2#
154	77.6	184.0	276.0#

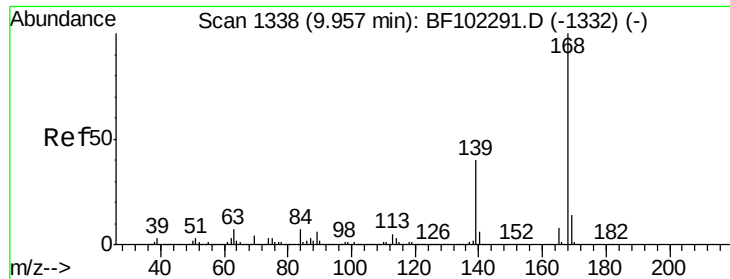


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





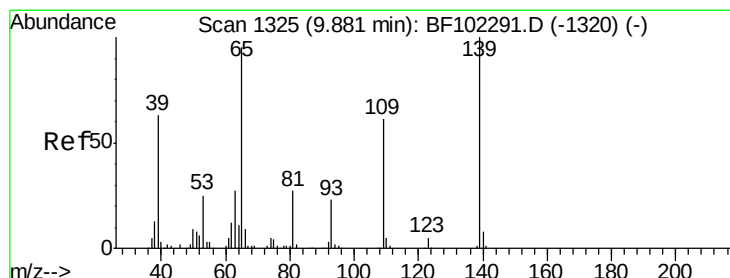
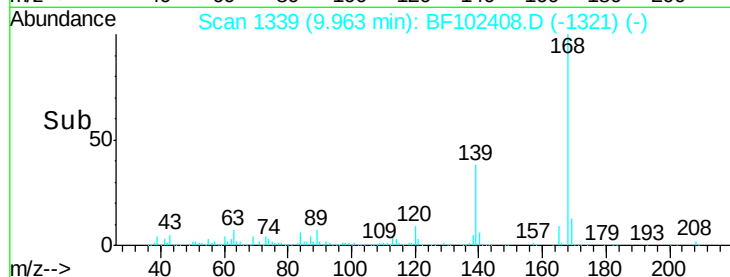
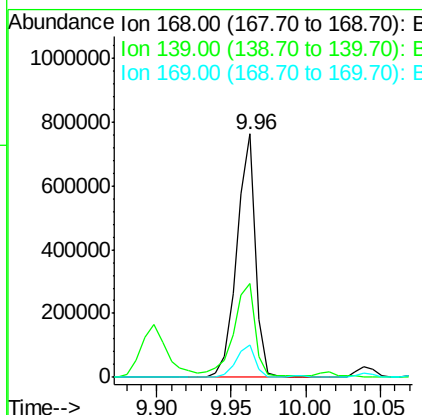
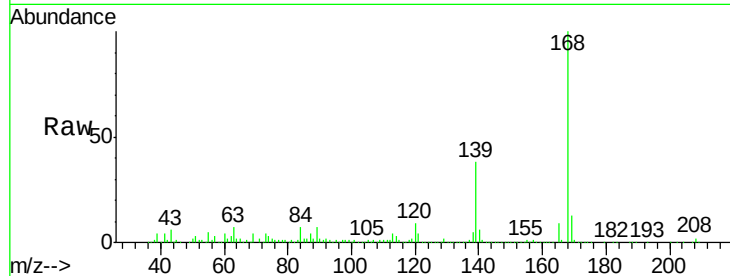
#54
Dibenzofuran
Concen: 35.794 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampled :
20A-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	668992		
139	38.5	30.1	45.1	
169	13.1	10.9	16.3	

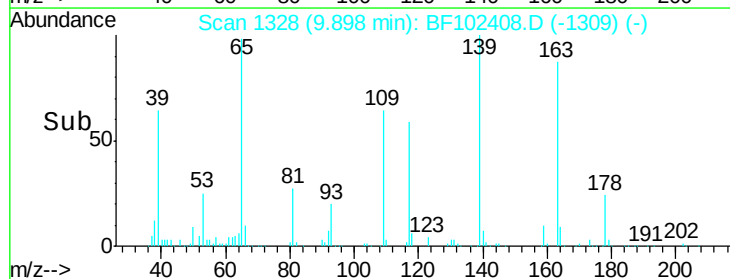
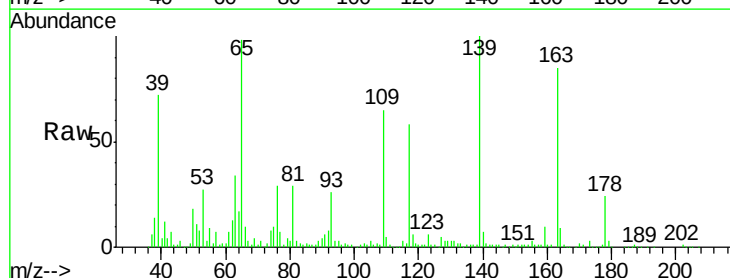
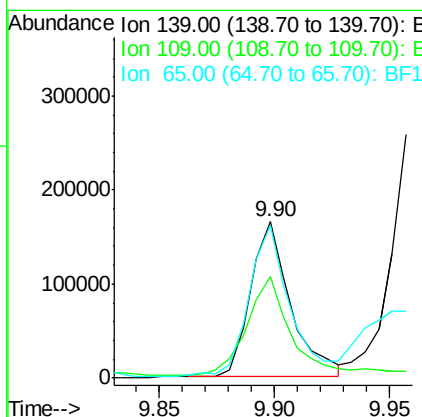
Manual Integrations
APPROVED

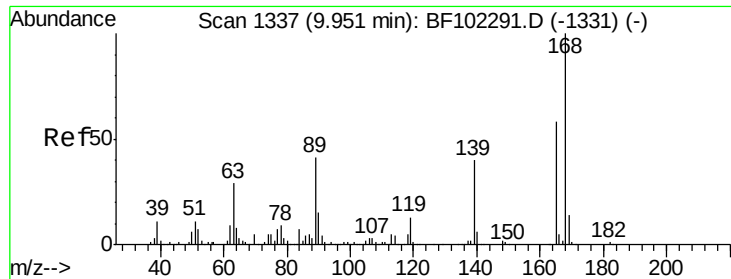
Sohil
1/25/2018 5:30:37 PM



#55
4-Nitrophenol
Concen: 65.971 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

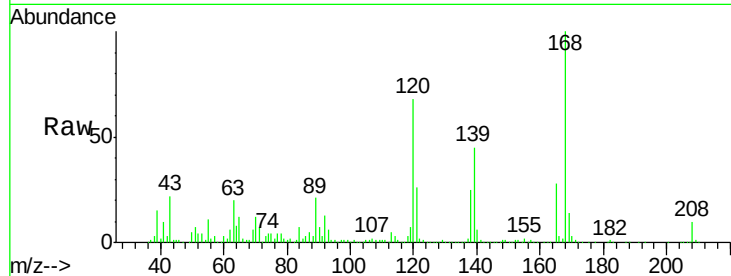
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	200483		
109	65.3	48.4	88.4	
65	97.8	72.6	112.6	





#56
 2,4-Dinitrotoluene
 Concen: 31.102 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

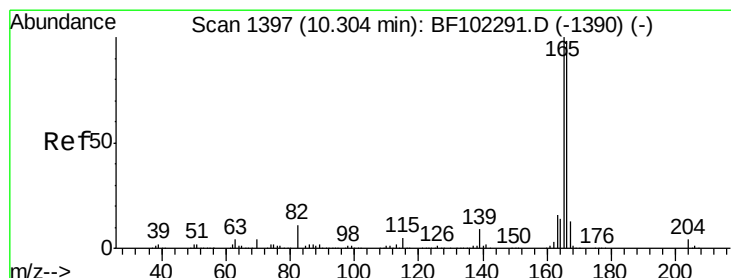
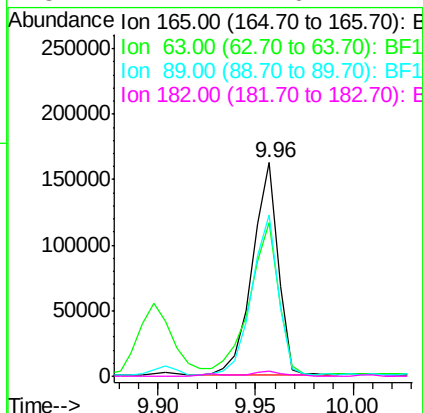
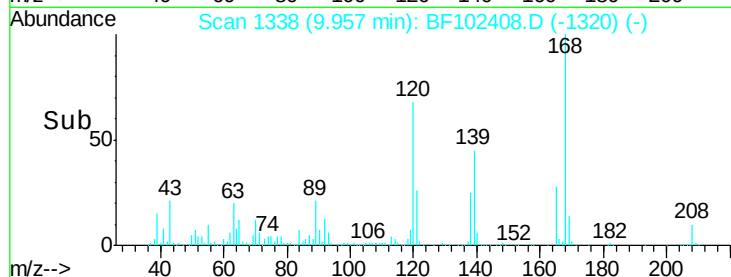
Instrument :
 BNA_F
 ClientSampled :
 20A-5MS



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	148844		
63	72.1	36.4	54.6#	
89	75.3	57.8	86.6	
182	2.4	1.6	2.4#	

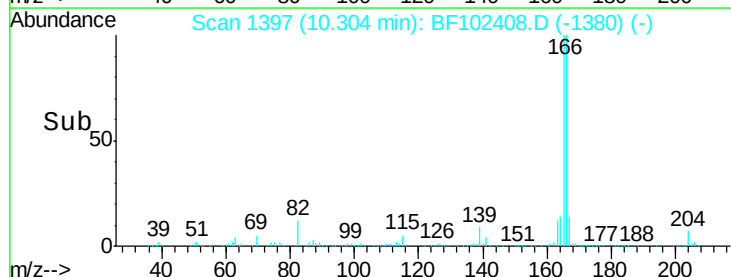
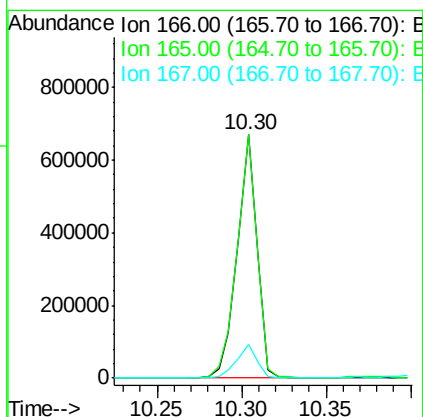
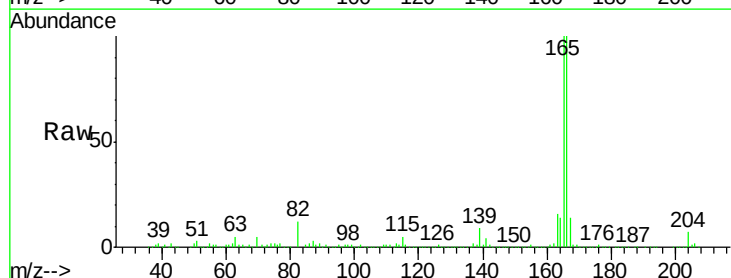
Manual Integrations
 APPROVED

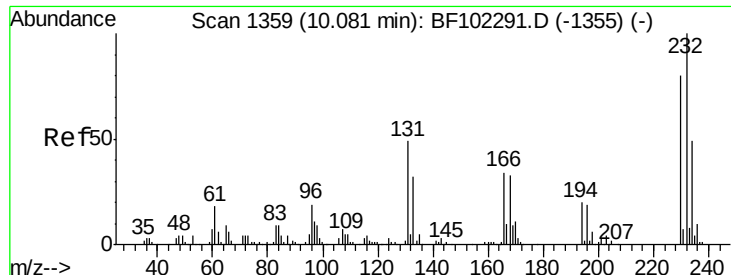
Sohil
 1/25/2018 5:30:37 PM



#57
 Fluorene
 Concen: 36.907 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	546598		
165	100.0	79.8	119.8	
167	13.6	10.6	16.0	





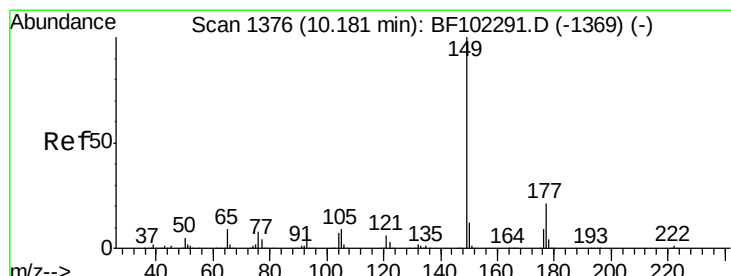
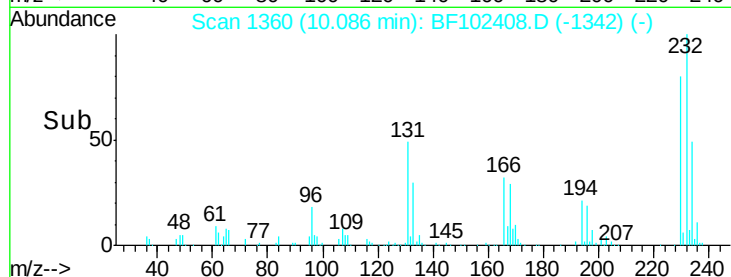
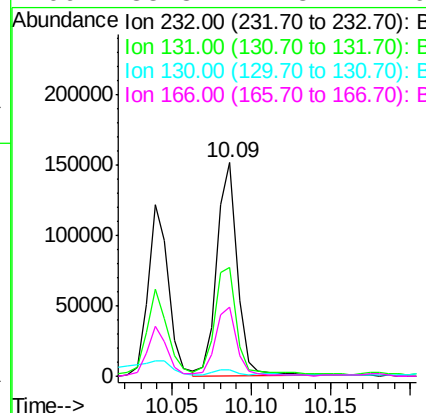
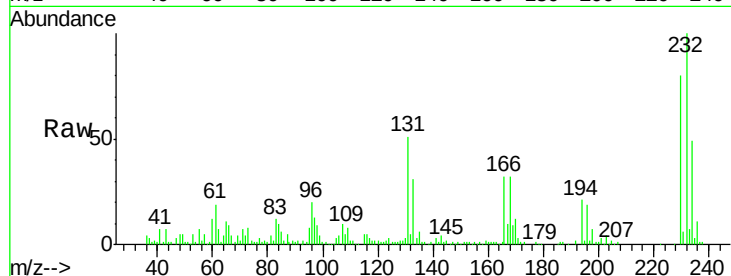
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.549 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 20A-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	136302		
131	54.1	43.8	65.8	
130	2.3	2.1	3.1	
166	33.8	27.8	41.6	

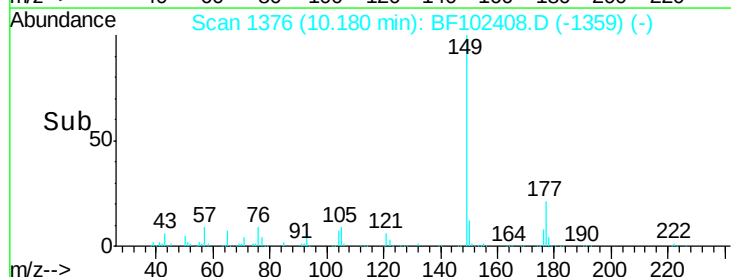
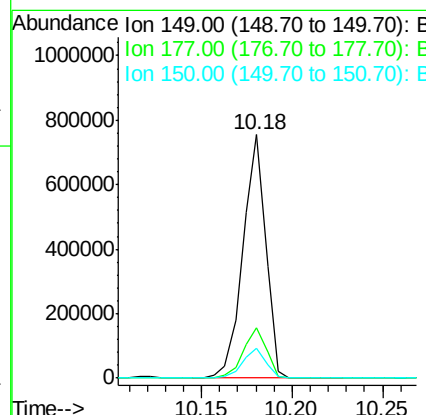
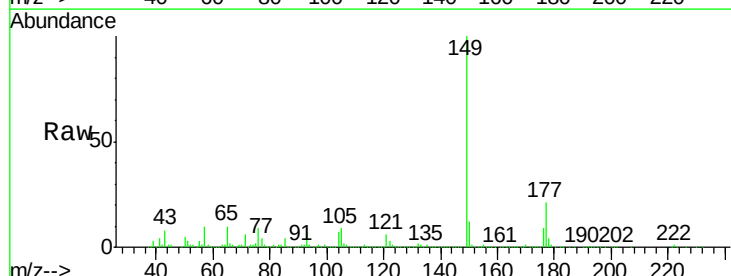
Manual Integrations
 APPROVED

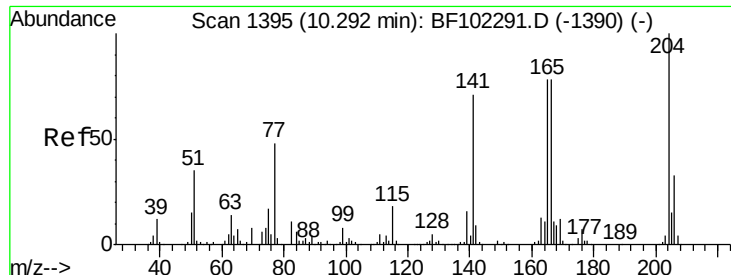
Sohil
 1/25/2018 5:30:37 PM



#59
 Diethylphthalate
 Concen: 37.501 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	657785		
177	20.7	16.1	24.1	
150	12.4	10.1	15.1	





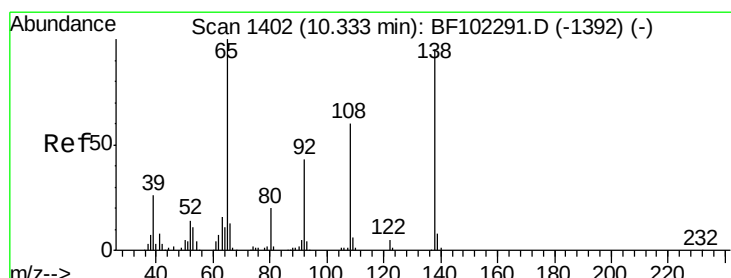
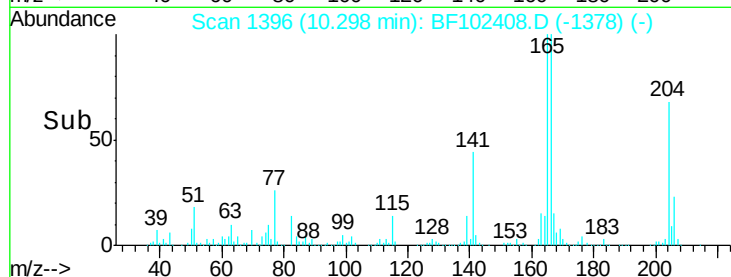
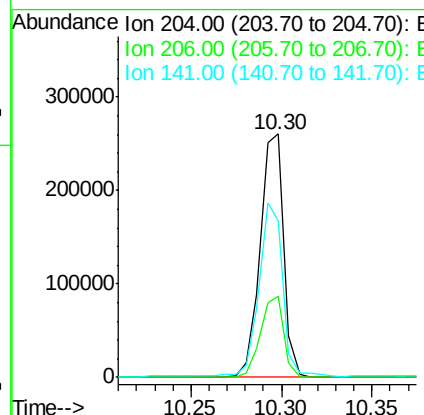
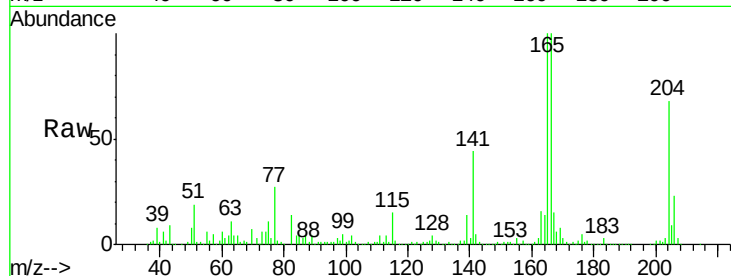
#60
4-Chlorophenyl-phenylether
Concen: 36.711 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampleId :
20A-5MS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	64.4	54.6	81.8

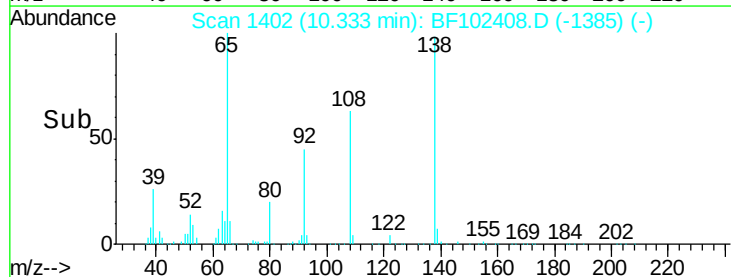
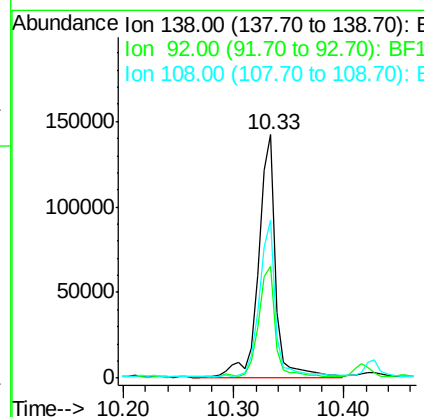
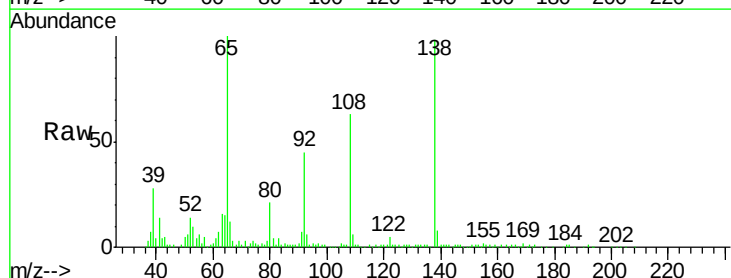
Manual Integrations
APPROVED

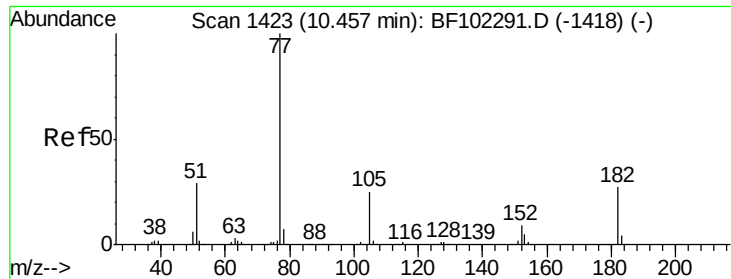
Sohil
1/25/2018 5:30:37 PM



#61
4-Nitroaniline
Concen: 33.774 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.2	30.2	70.2
108	64.9	52.5	92.5





#62

Azobenzene

Concen: 34.823 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

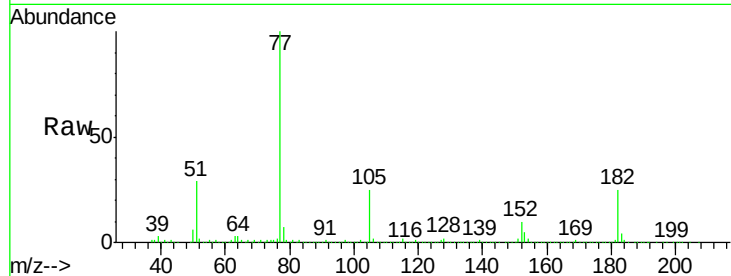
ClientSampled :

20A-5MS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.3	1.7	41.7
105	24.8	3.0	43.0
51	29.3	9.9	49.9

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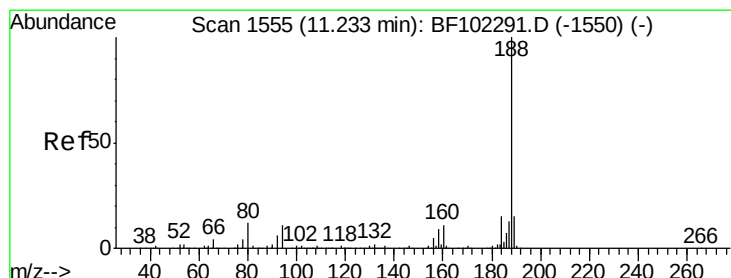
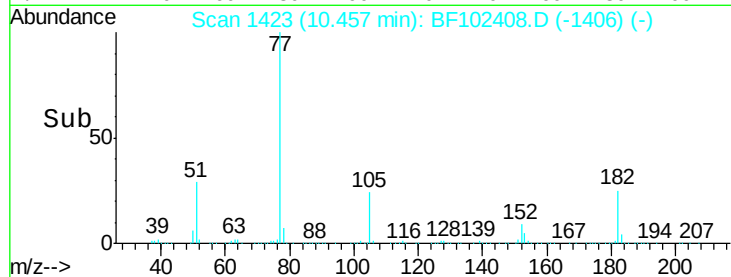
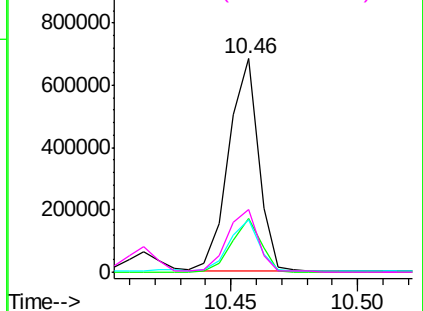


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

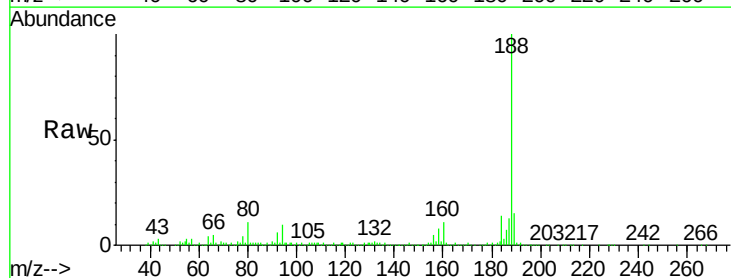
RT: 11.24 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

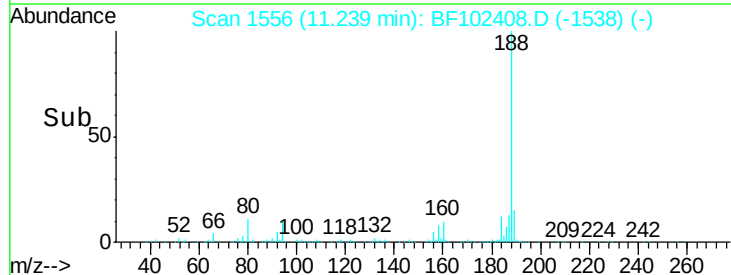
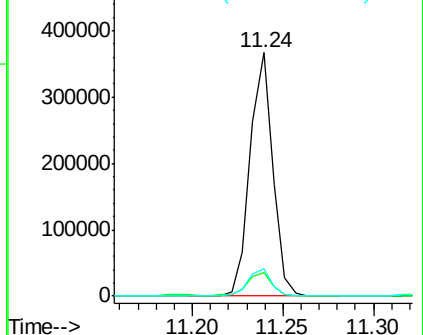
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	11.2	9.2	13.8

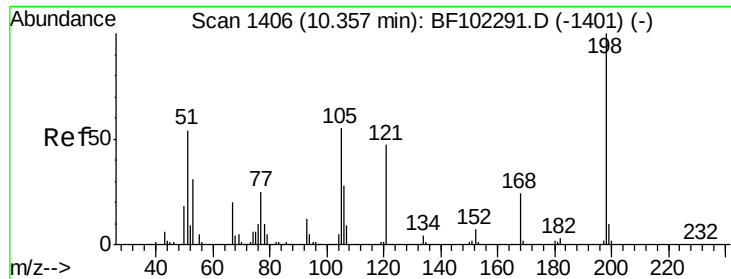


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





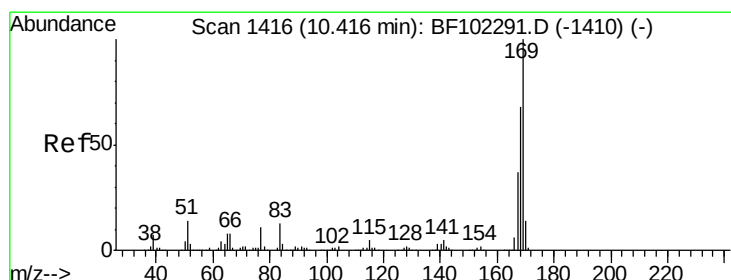
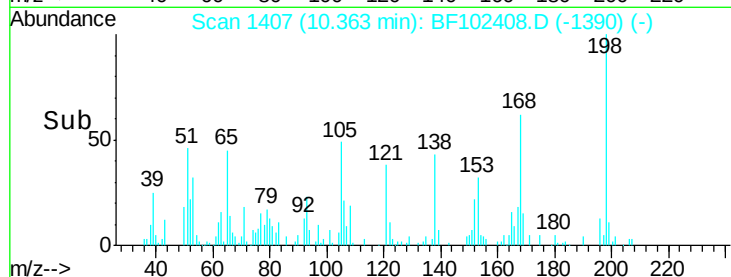
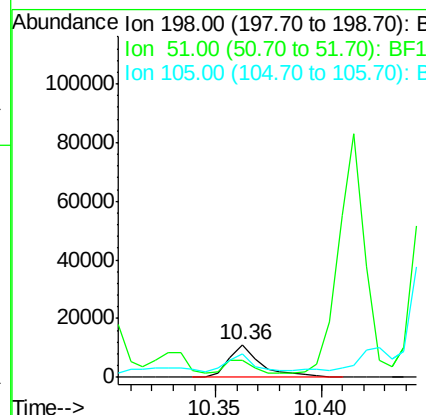
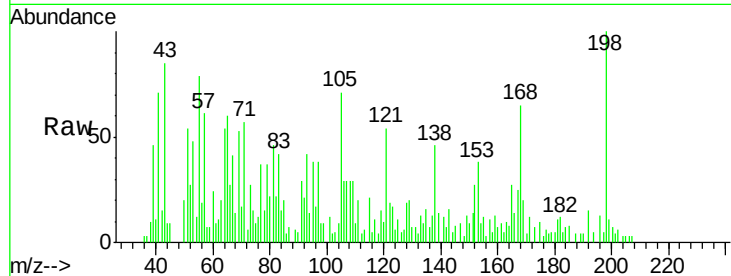
#64
4,6-Dinitro-2-methylphenol
Concen: 5.520 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampled :
20A-5MS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	53.6	37.7	77.7
105	70.8	36.3	76.3

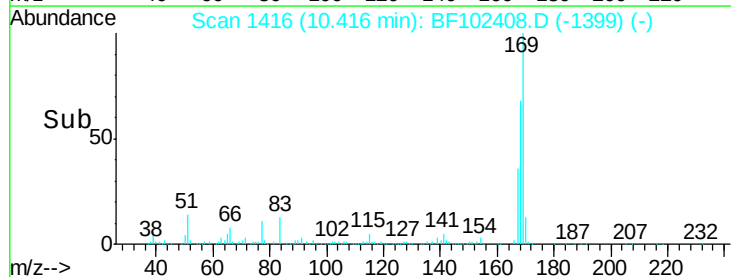
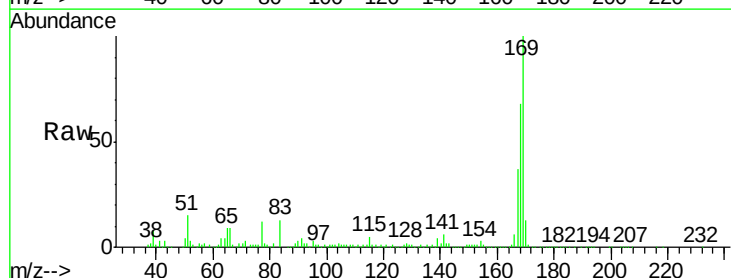
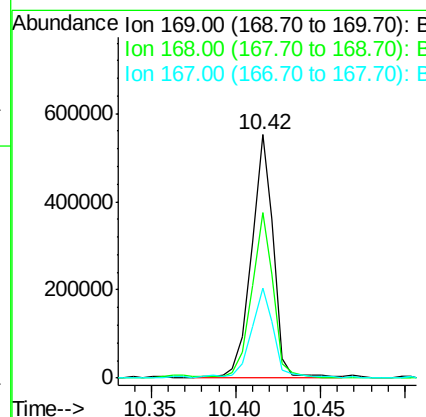
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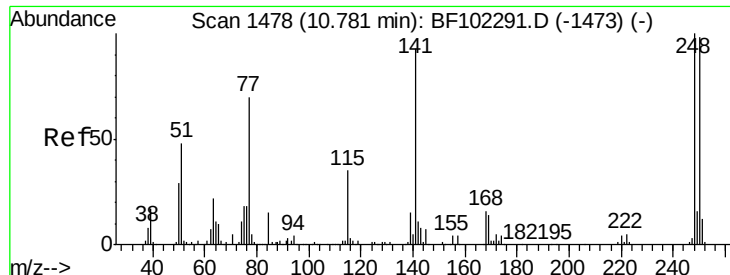
Sohil
1/25/2018 5:30:37 PM



#65
n-Nitrosodiphenylamine
Concen: 42.523 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.4	81.6
167	37.0	29.8	44.6





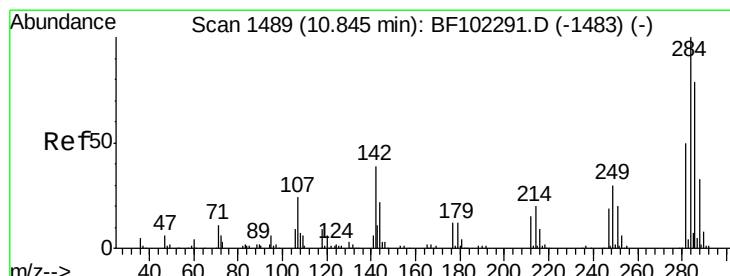
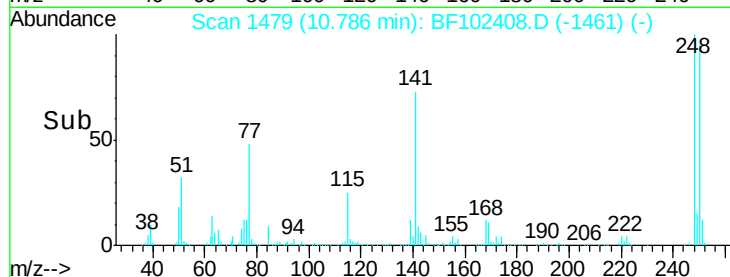
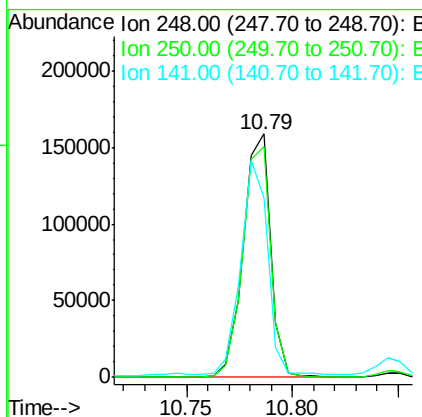
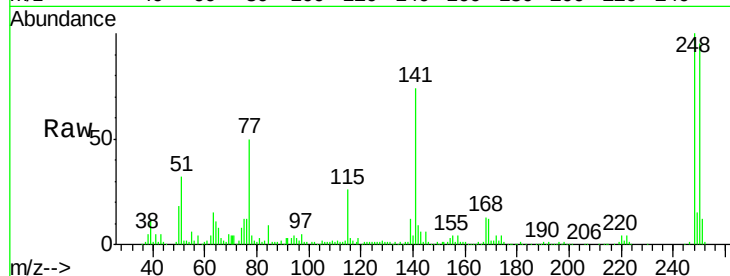
#66
 4-Bromophenyl-phenylether
 Concen: 41.400 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.01 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 20A-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	142859		
250	95.0	76.9	115.3	
141	73.9	74.4	111.6	

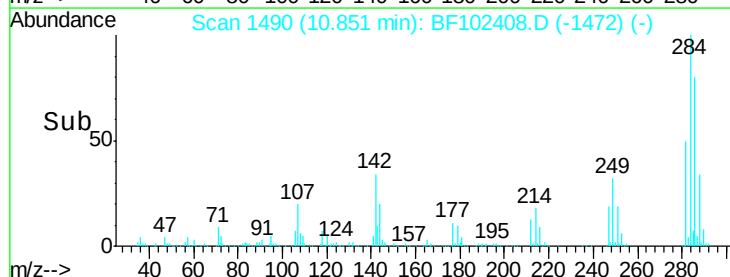
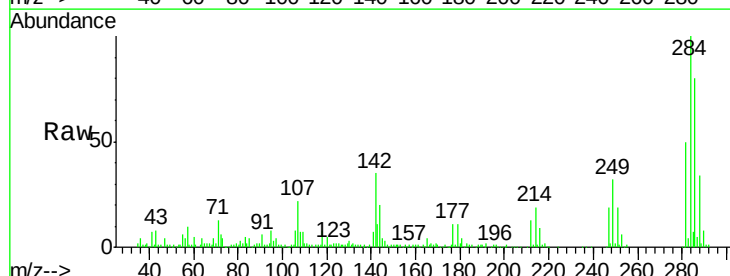
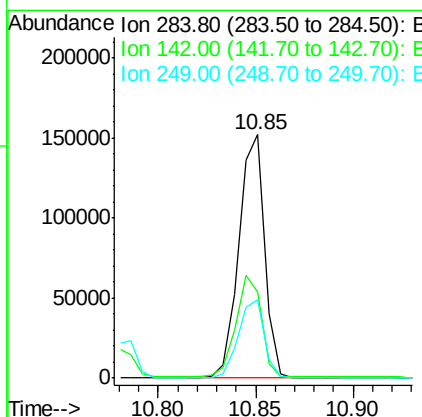
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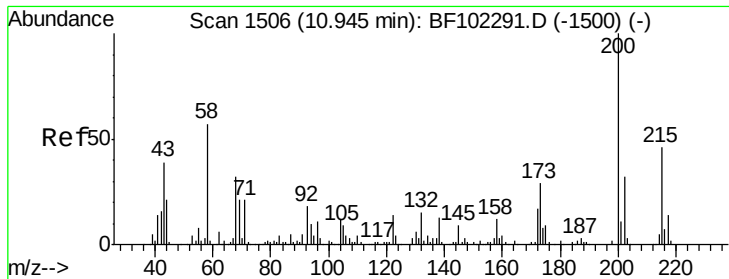
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#67
 Hexachlorobenzene
 Concen: 36.069 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. 0.01 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	139199		
142	35.2	34.6	52.0	
249	32.1	24.8	37.2	





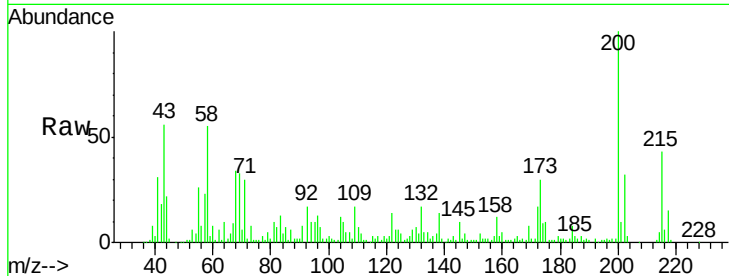
#68
Atrazine
Concen: 42.052 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.03 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampleId :
20A-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	146124		
173	30.2	8.6	48.6	
215	43.3	25.1	65.1	

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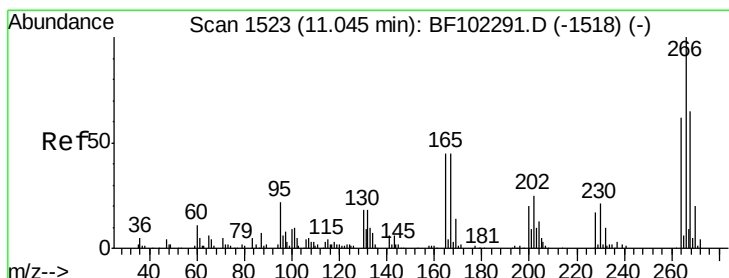
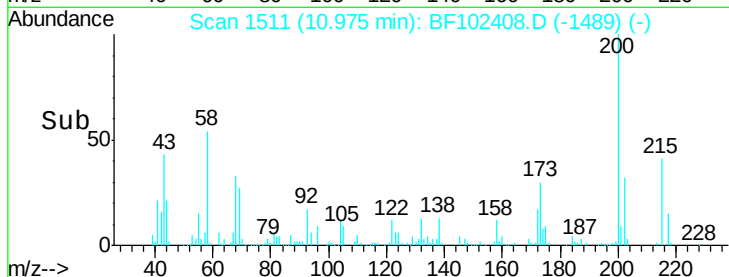
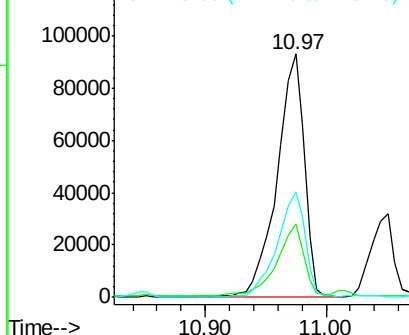


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69
Pentachlorophenol
Concen: 74.515 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

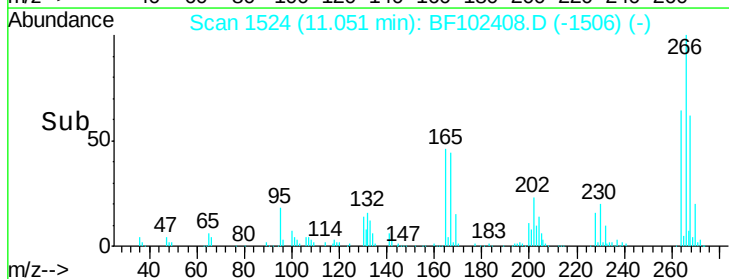
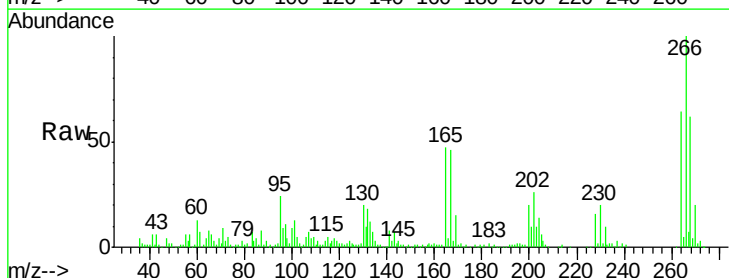
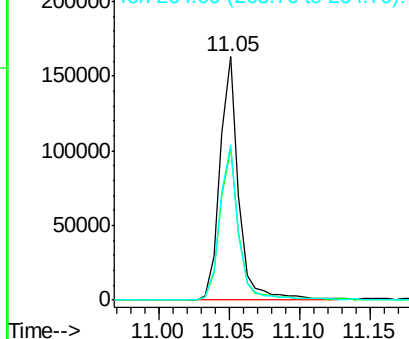
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	151066		
268	62.4	51.1	76.7	
264	63.8	49.5	74.3	

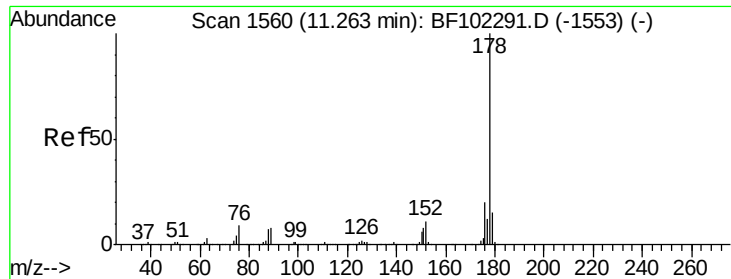
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





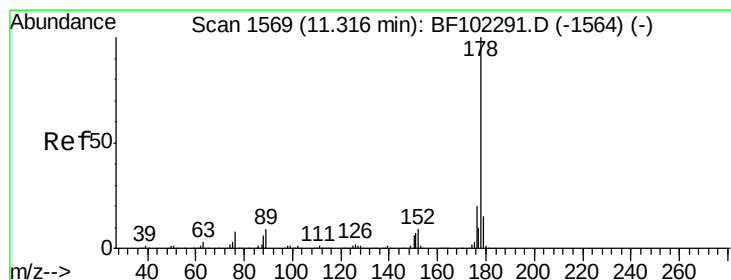
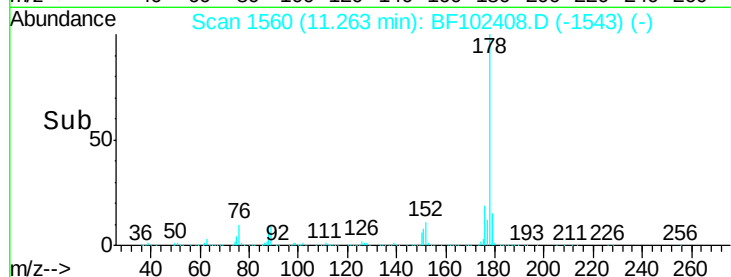
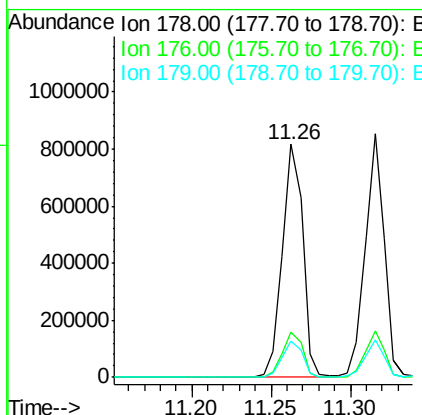
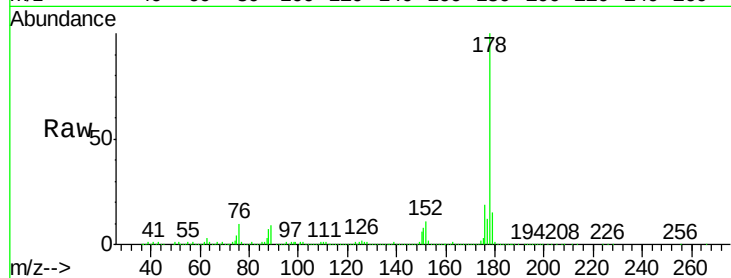
#70
Phenanthrene
Concen: 39.069 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampleId :
20A-5MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.3	13.0	19.6

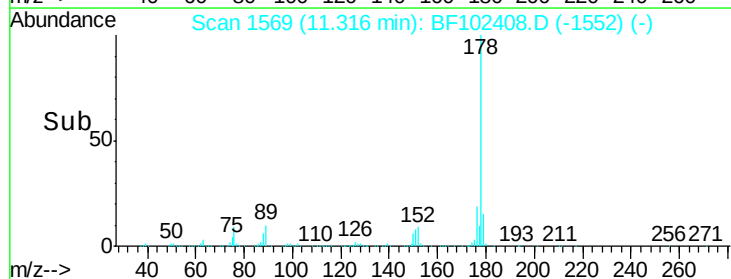
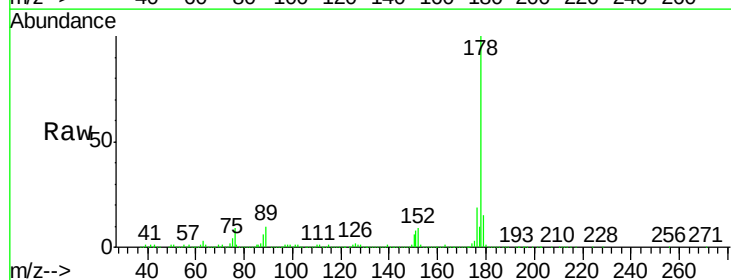
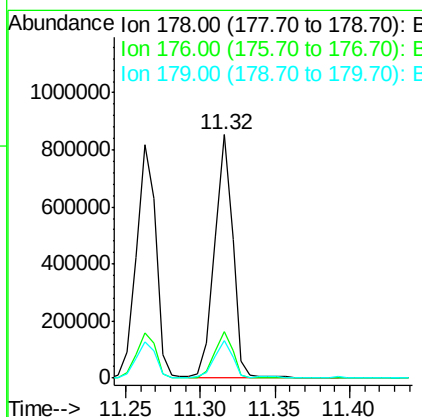
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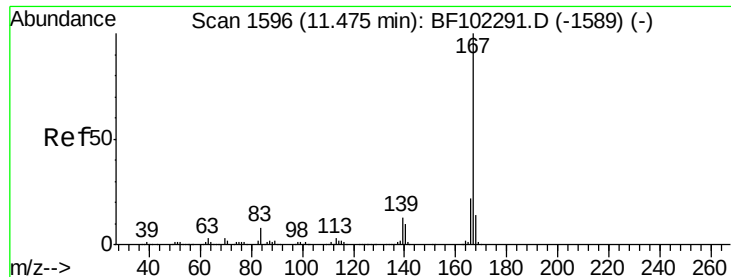
Sohil
1/25/2018 5:30:37 PM



#71
Anthracene
Concen: 37.860 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.3	12.6	19.0





#72

Carbazole

Concen: 36.586 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

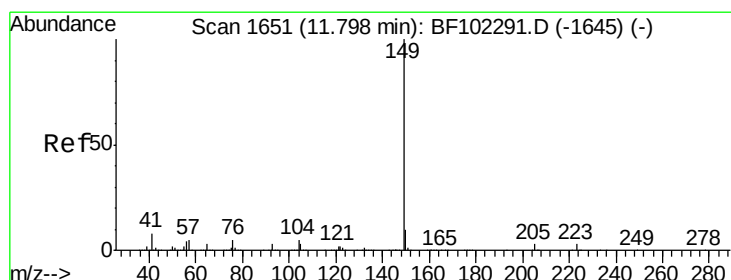
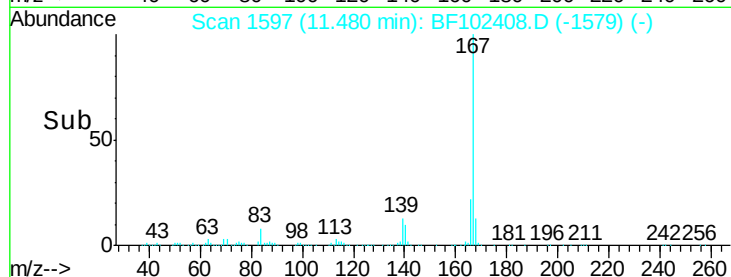
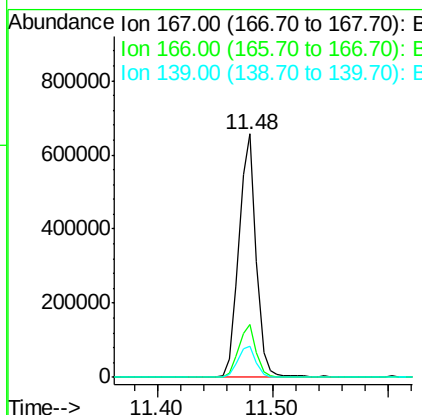
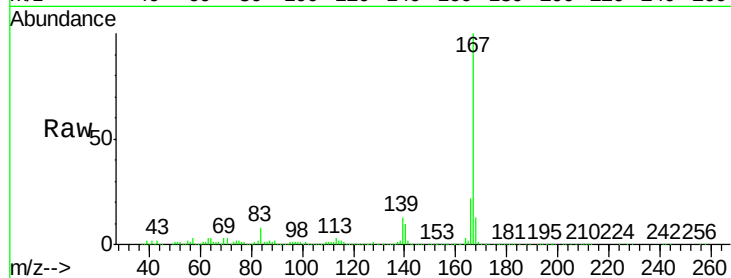
ClientSampleId :

20A-5MS

Tgt Ion:	167	Resp:	680497
Ion Ratio		Lower	Upper
167	100		
166	21.7	17.6	26.4
139	12.9	10.9	16.3

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 352.221 ng

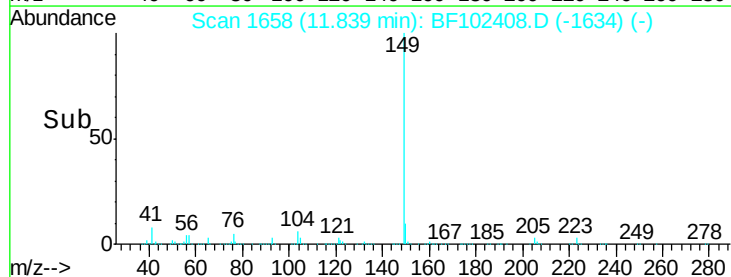
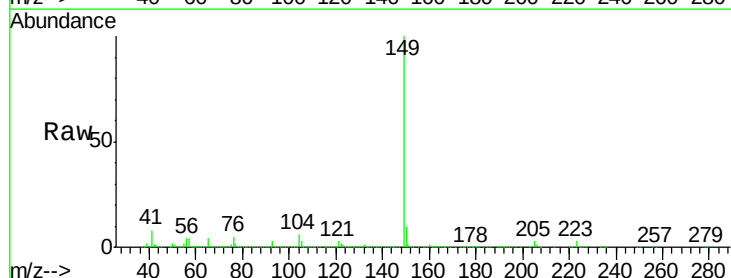
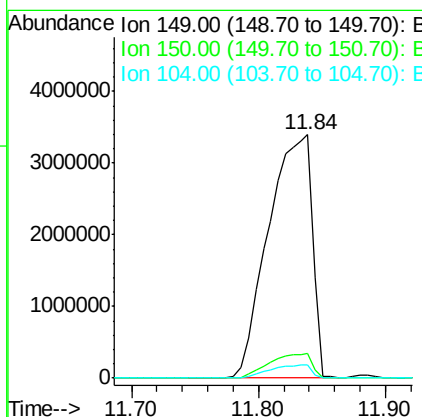
RT: 11.84 min Scan# 1658

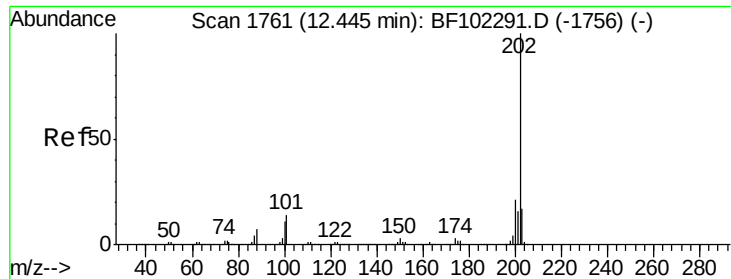
Delta R.T. 0.04 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Tgt Ion:	149	Resp:	8189045
Ion Ratio		Lower	Upper
149	100		
150	9.9	7.8	11.6
104	5.6	3.8	5.8





#74

Fluoranthene

Concen: 33.405 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

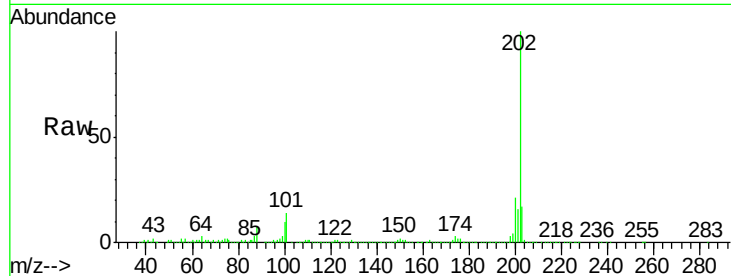
ClientSampleId :

20A-5MS

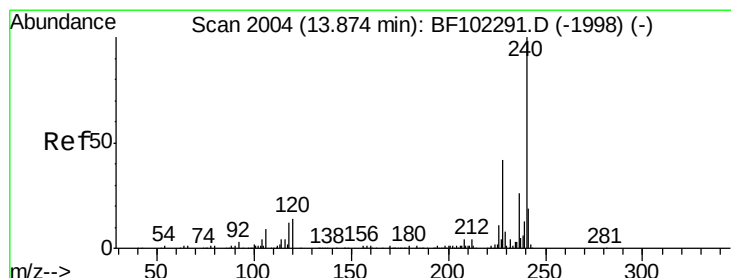
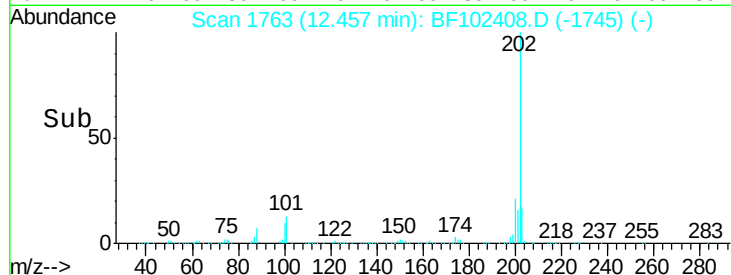
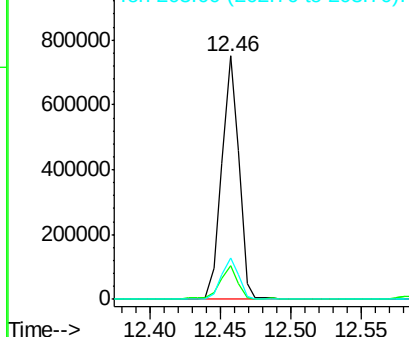
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		636306		
101	13.6	0.0	34.1		
203	17.3	0.0	38.1		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

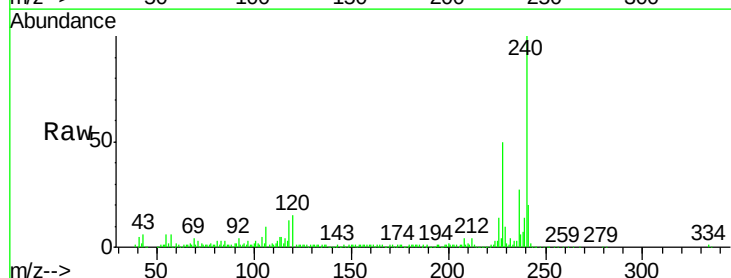
RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

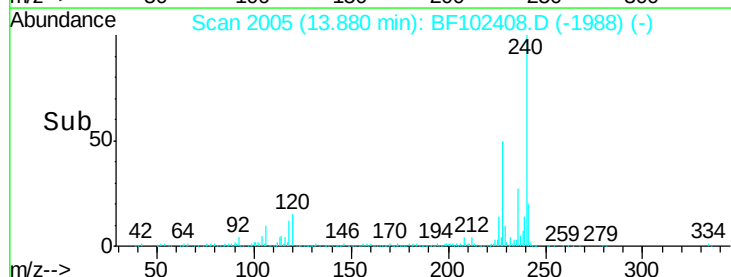
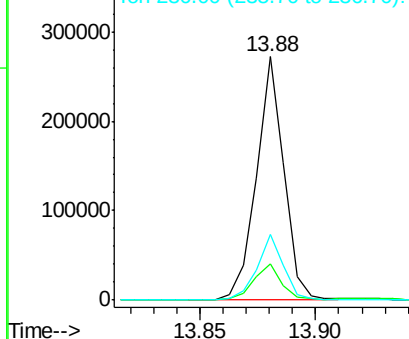
Lab File: BF102408.D

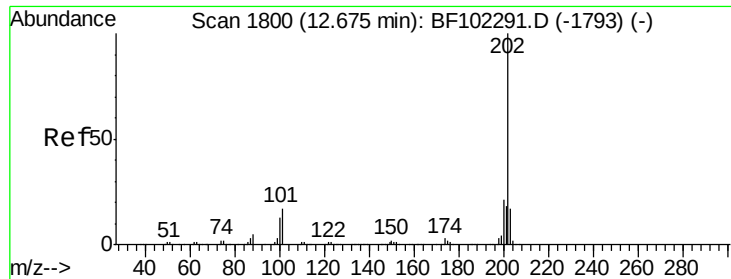
Acq: 24 Jan 2018 23:41

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		225784		
120	15.1	9.5	14.3#		
236	26.9	20.7	31.1		



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





#77

Pyrene

Concen: 34.792 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

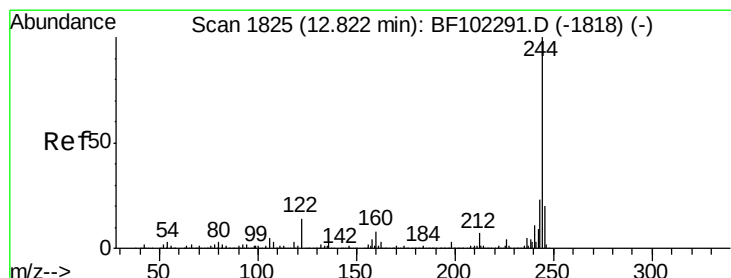
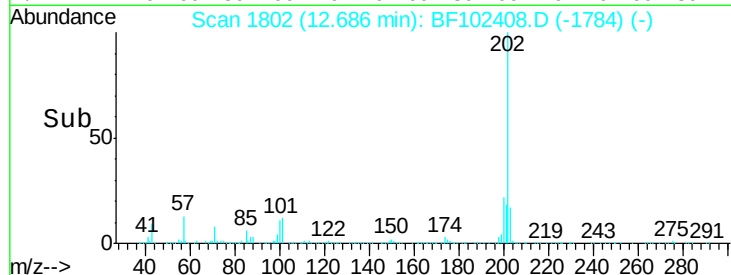
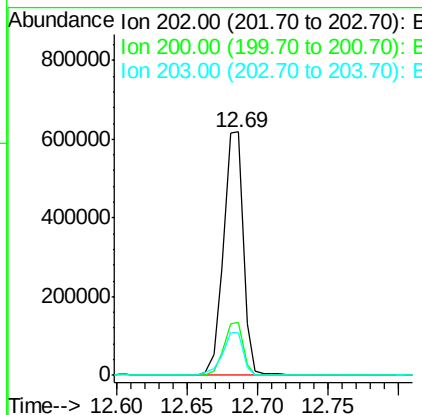
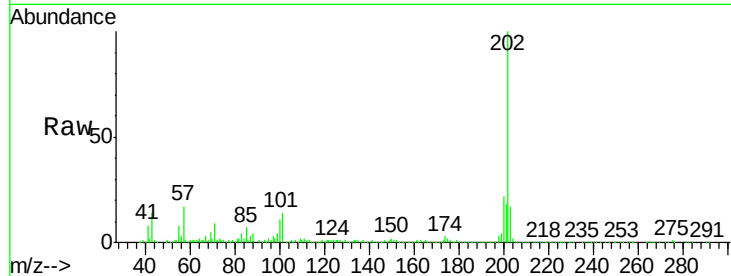
ClientSampleId :

20A-5MS

Tgt Ion:	202	Resp:	607355
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.4	26.2
203	17.3	14.3	21.5

Manual Integrations
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#78

Terphenyl-d14

Concen: 75.479 ng

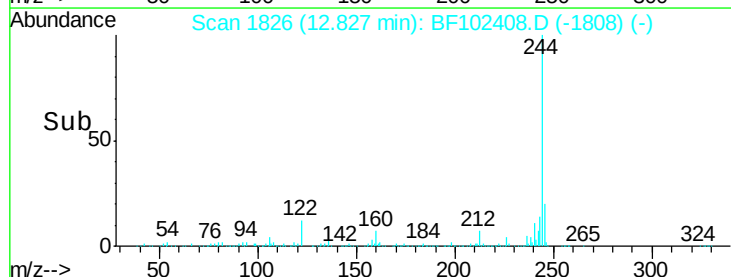
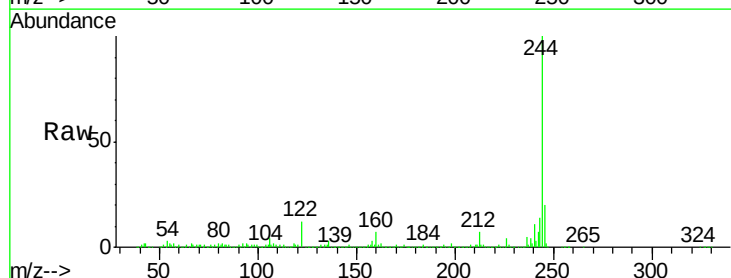
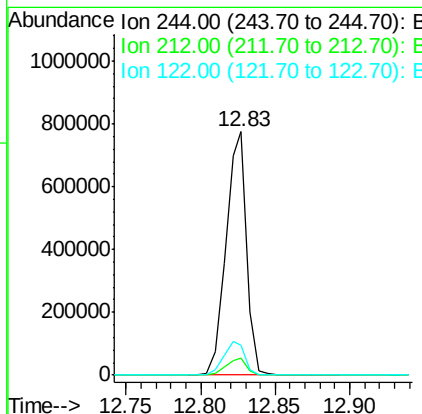
RT: 12.83 min Scan# 1826

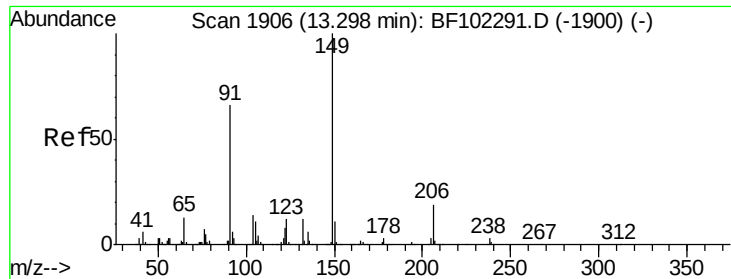
Delta R.T. 0.01 min

Lab File: BF102408.D

Acq: 24 Jan 2018 23:41

Tgt Ion:	244	Resp:	755955
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	12.2	11.0	16.4





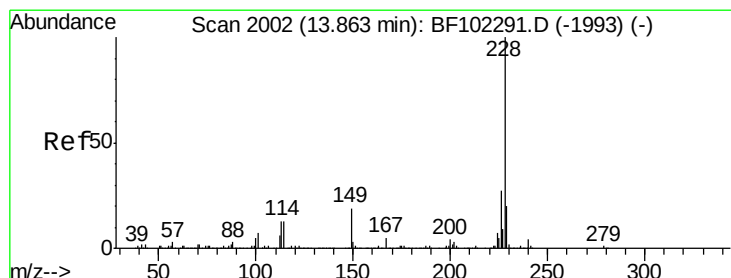
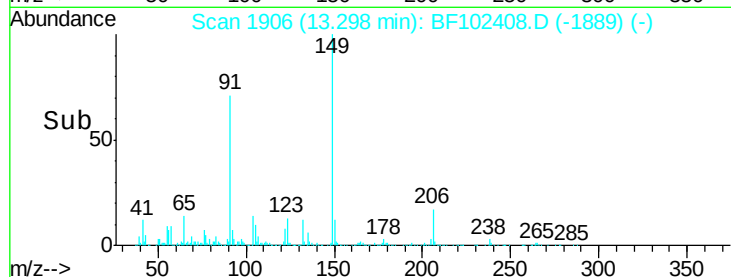
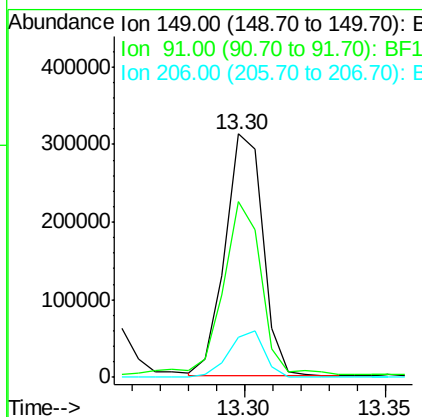
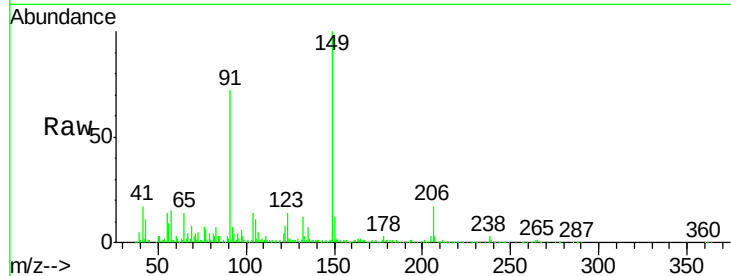
#79
Butylbenzylphthalate
Concen: 33.504 ng
RT: 13.30 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampleId :
20A-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	291064		
91	72.2	56.8	85.2	
206	16.6	14.1	21.1	

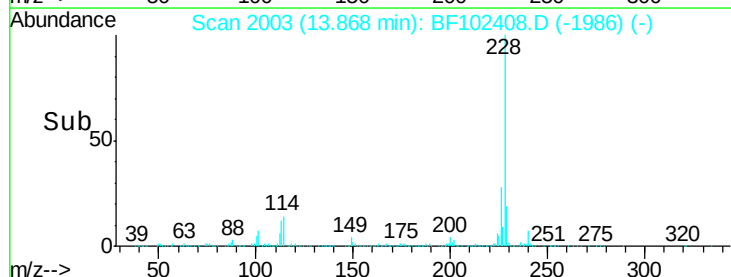
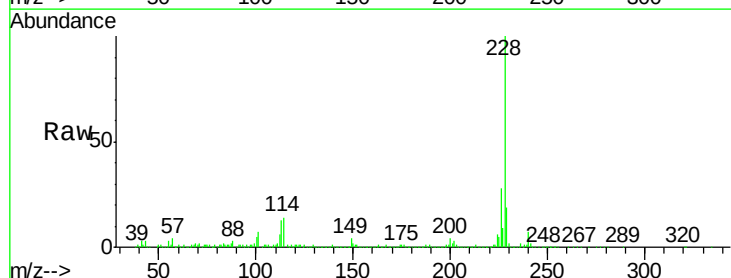
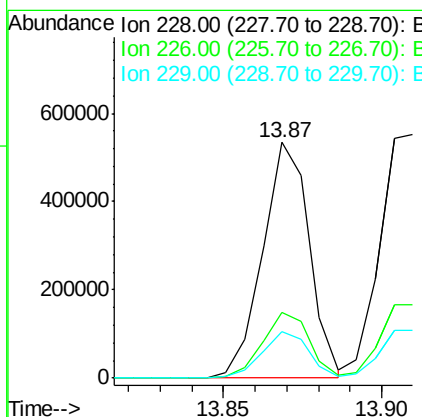
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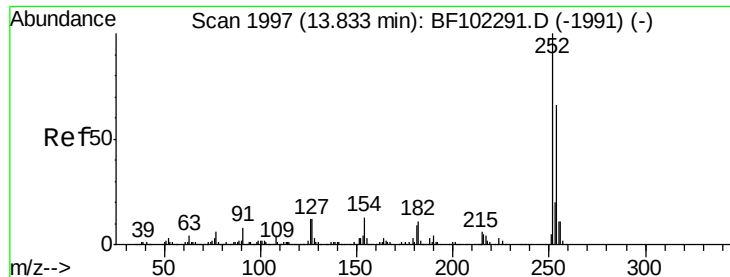
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#80
Benzo(a)anthracene
Concen: 39.199 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	544891		
226	27.9	22.6	33.8	
229	19.5	15.8	23.6	





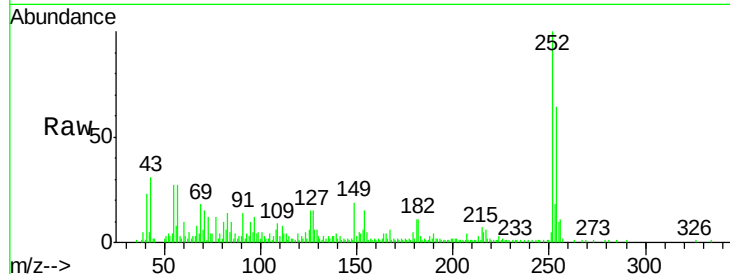
#81
 3,3'-Dichlorobenzidine
 Concen: 10.450 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 20A-5MS

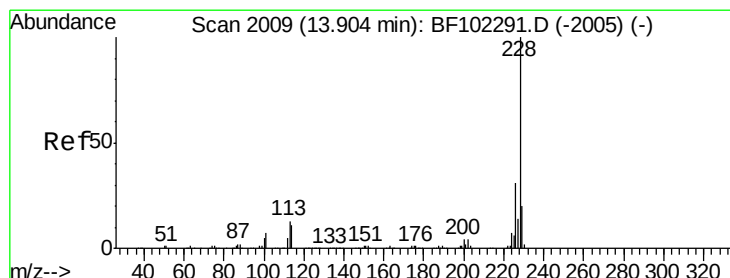
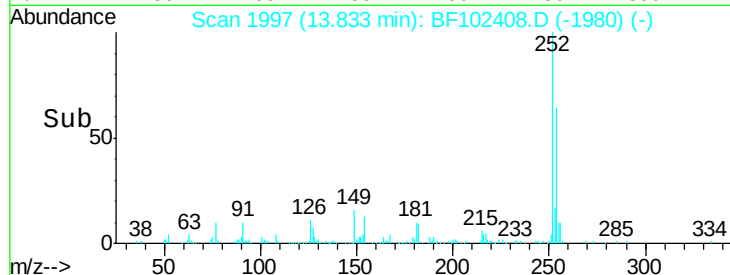
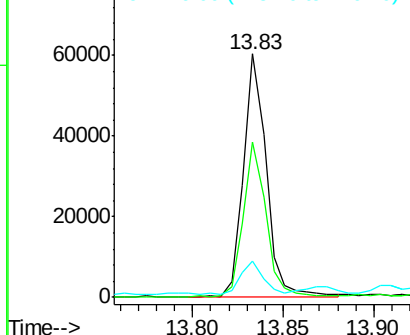
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.4	75.6
126	14.7	11.3	16.9

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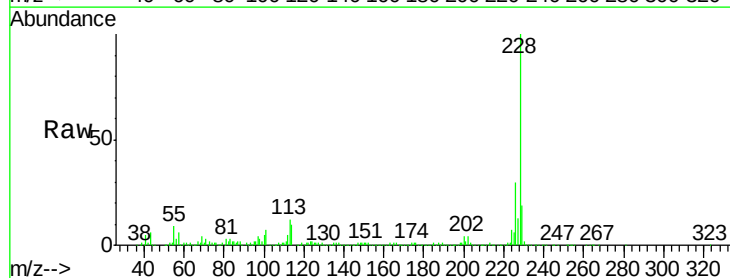


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

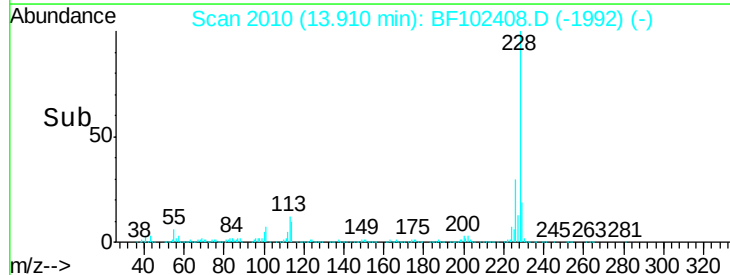
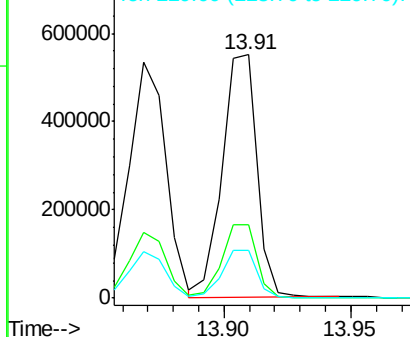


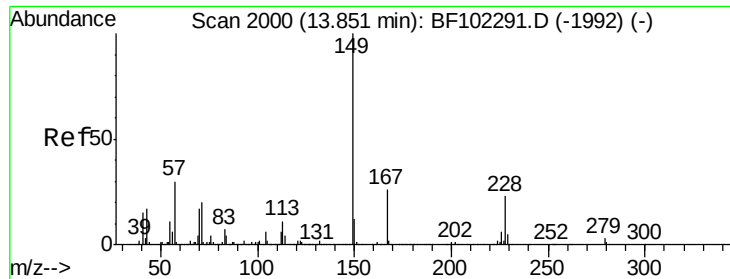
#82
 Chrysene
 Concen: 37.070 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.5	16.2	24.4



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





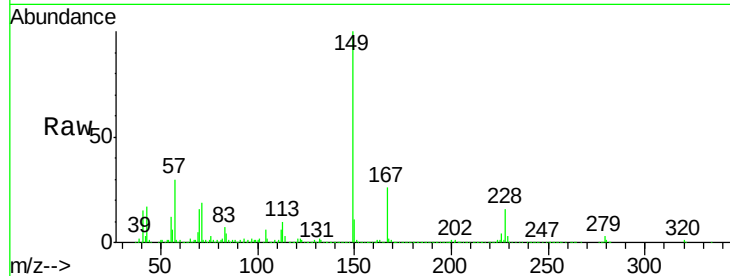
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.588 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 20A-5MS

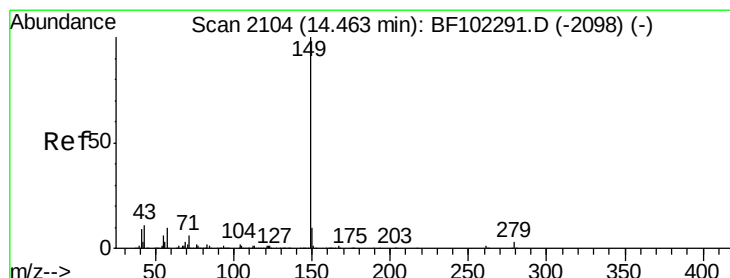
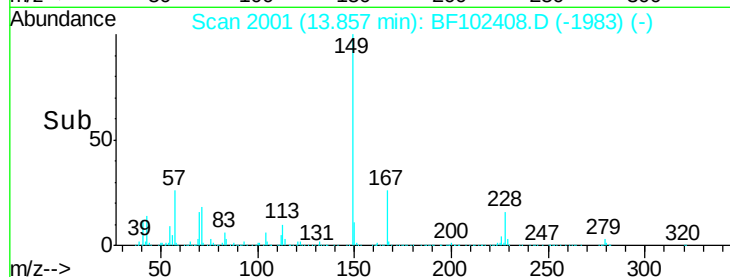
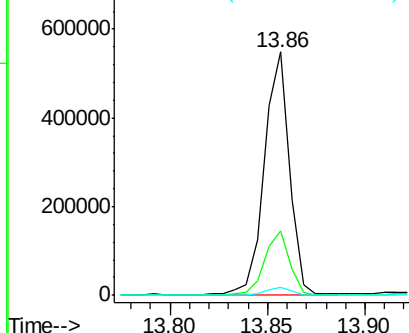
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	485536		
167	26.3		21.3	31.9
279	3.1		3.0	4.4

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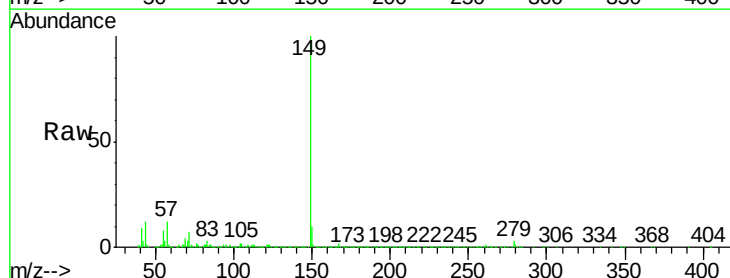


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

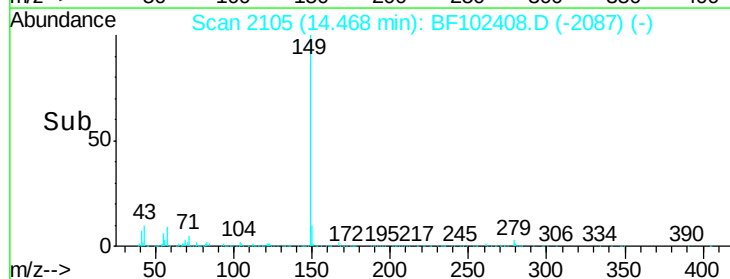
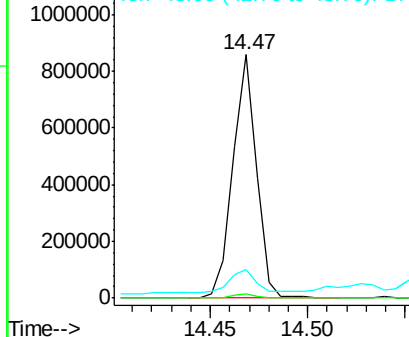


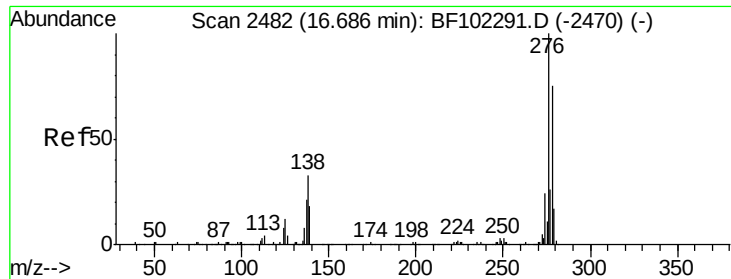
#84
 Di-n-octyl phthalate
 Concen: 37.560 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. 0.01 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	713128		
167	1.6		1.2	1.8
43	12.9		8.4	12.6#



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





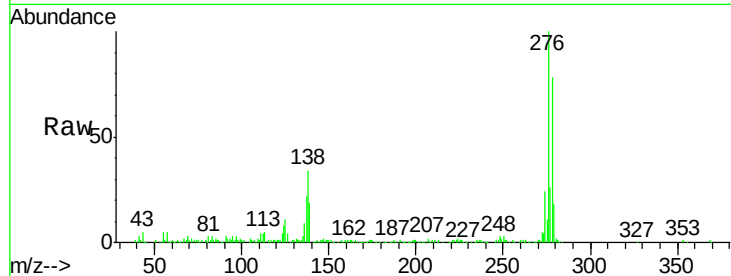
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.525 ng
 RT: 16.70 min Scan# 2485
 Delta R.T. 0.02 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 20A-5MS

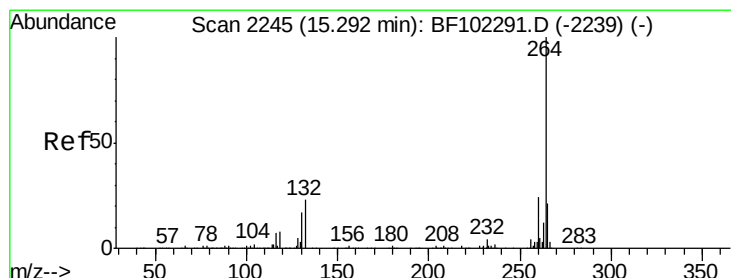
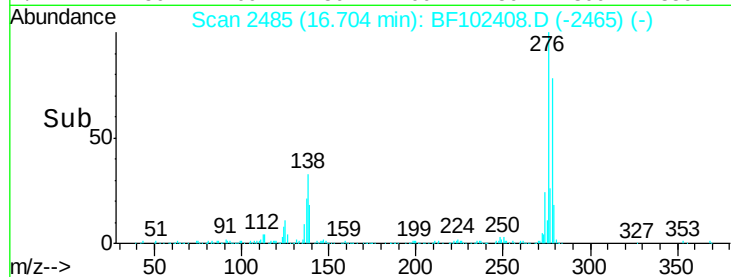
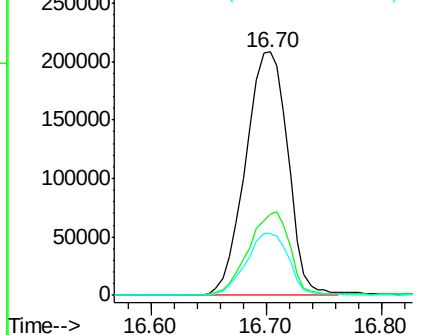
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.2	25.0	37.6
277	25.6	20.1	30.1

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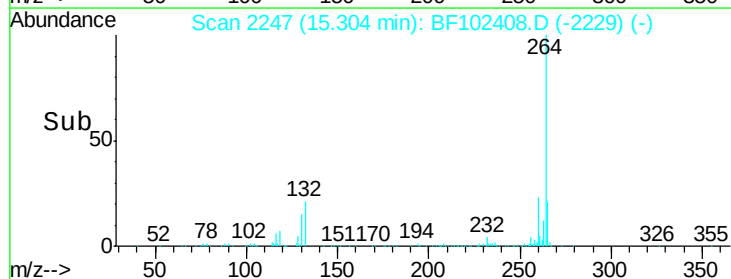
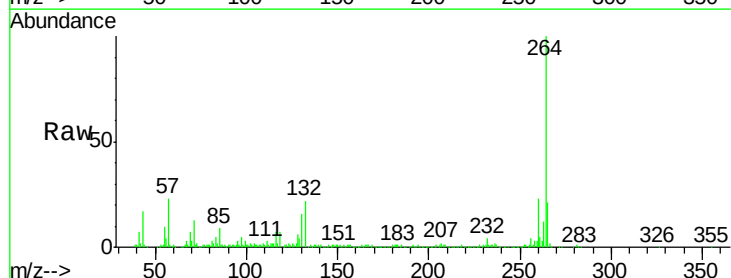
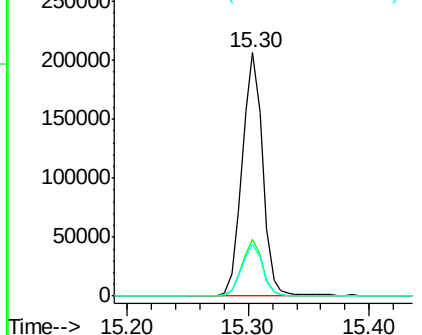
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

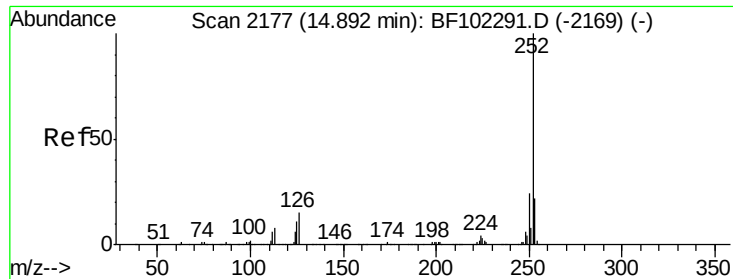


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.01 min
 Lab File: BF102408.D
 Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	17.5	26.3

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





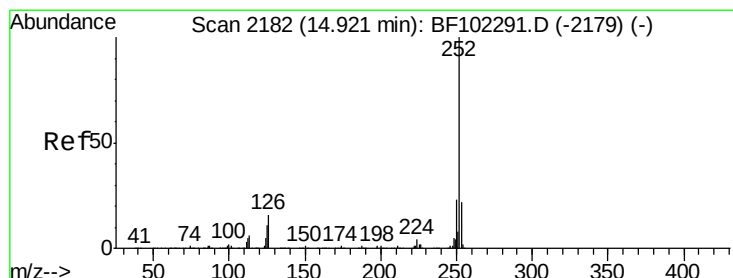
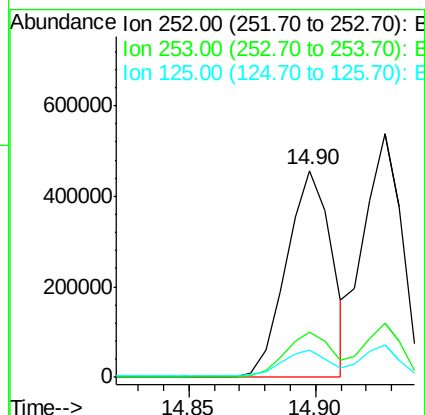
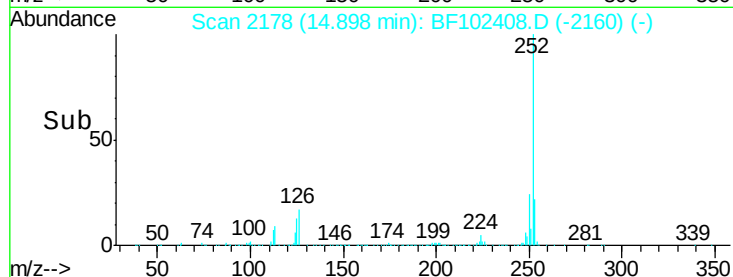
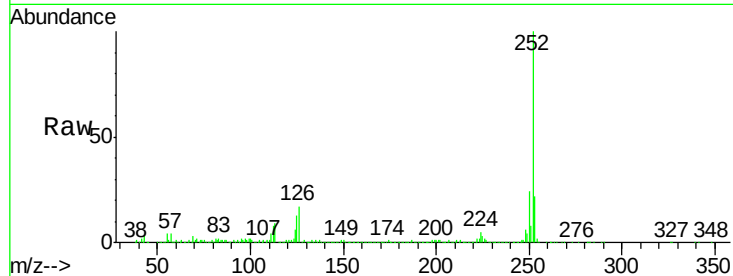
#87
Benzo(b)fluoranthene
Concen: 35.424 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampleId :
20A-5MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	13.3	9.0	13.6

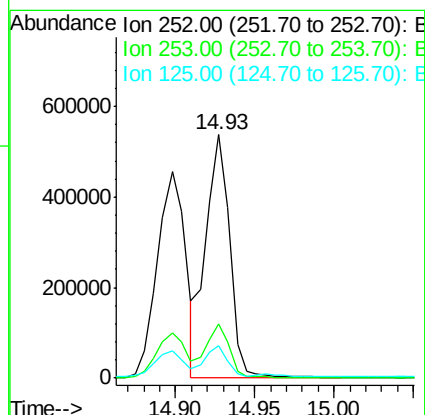
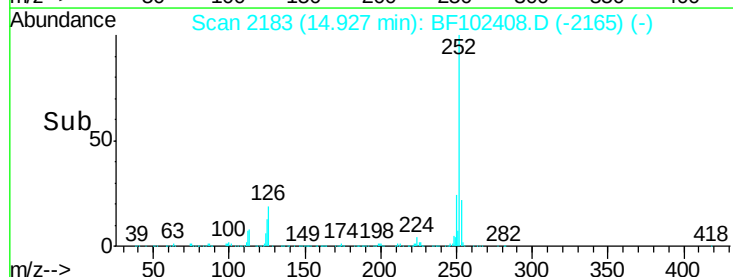
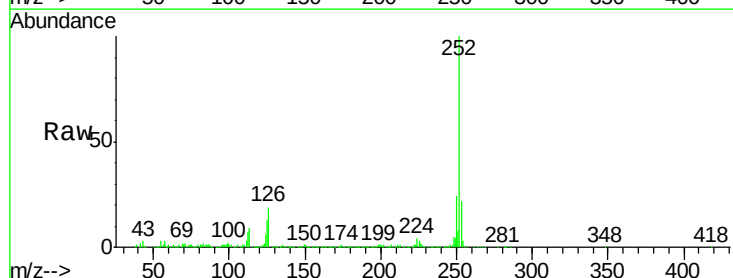
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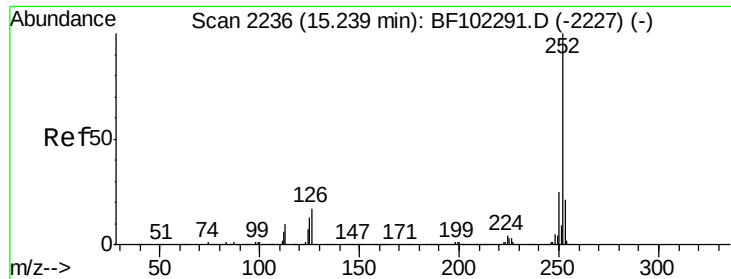
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#88
Benzo(k)fluoranthene
Concen: 37.441 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	13.4	10.2	15.2





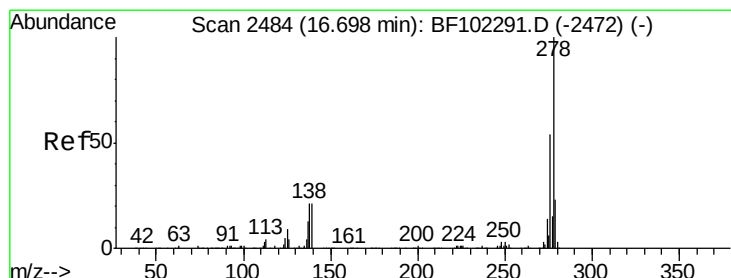
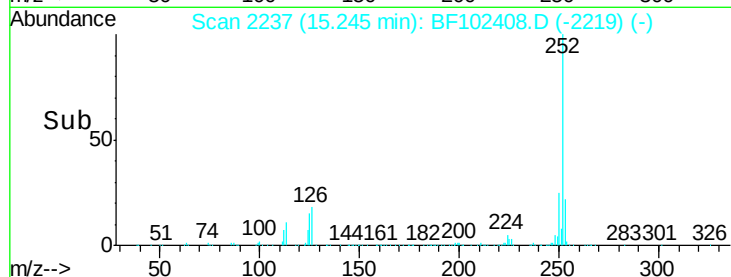
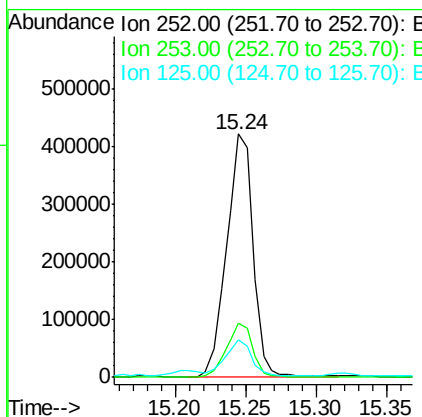
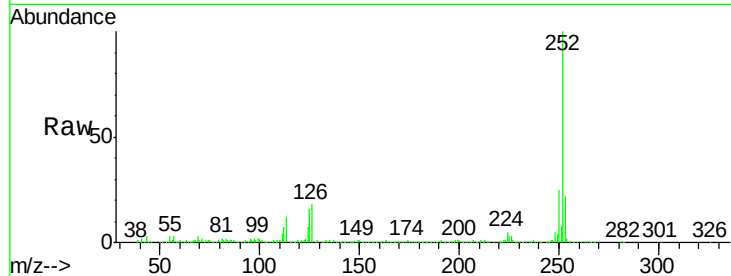
#89
Benzo(a)pyrene
Concen: 38.045 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Instrument :
BNA_F
ClientSampleId :
20A-5MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.1	17.1	25.7	
125	15.5	9.8	14.6	

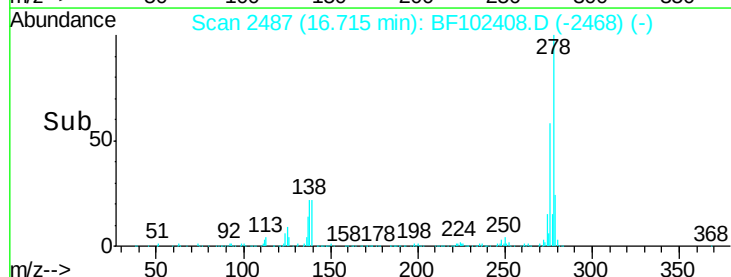
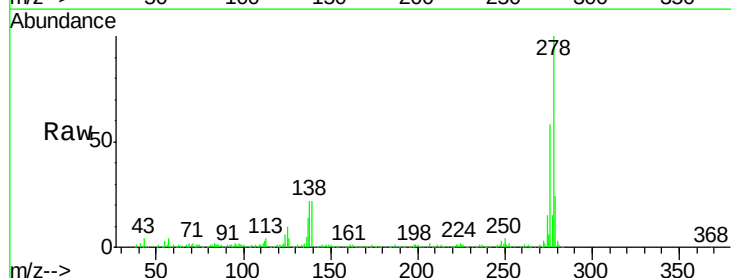
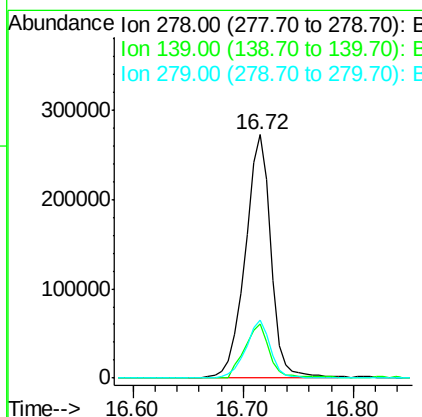
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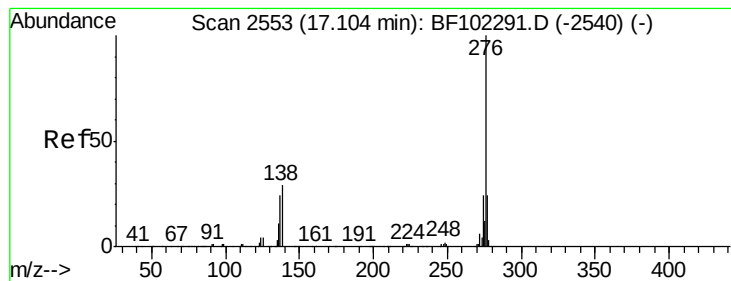
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#90
Dibenzo(a,h)anthracene
Concen: 38.169 ng
RT: 16.72 min Scan# 2487
Delta R.T. 0.01 min
Lab File: BF102408.D
Acq: 24 Jan 2018 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	22.4	15.9	23.9	
279	23.6	19.0	28.4	





#91

Benzo(g,h,i)perylene

Concen: 36.459 ng

RT: 17.12 min Scan# 2556

Delta R.T. 0.02 min

Lab File: BF102408.D

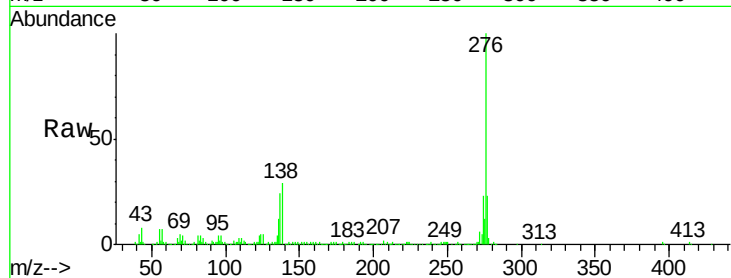
Acq: 24 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

20A-5MS



Tgt Ion:	276	Resp:	421671
Ion Ratio		Lower	Upper
276	100		
277	23.1	17.9	26.9
138	29.2	21.8	32.8

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