

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102832.D
 Acq On : 7 Feb 2018 23:29
 Operator : SJ/JU
 Sample : J1471-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3N-15MS

Manual Integrations
 APPROVED

Sohil
 2/8/2018 1:41:45 PM

Quant Time: Feb 08 08:41:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	191974	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	776190	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	322510	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	474344	20.00	ng	0.00
75) Chrysene-d12	14.06	240	328108	20.00	ng	0.00
86) Perylene-d12	15.54	264	275803	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1486430	117.59	ng	0.02
7) Phenol-d6	6.52	99	1812983	119.11	ng	0.02
23) Nitrobenzene-d5	7.45	82	1125817	100.62	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	318085	122.54	ng	0.01
44) 2-Fluorobiphenyl	9.25	172	1668559	85.85	ng	0.00
78) Terphenyl-d14	13.00	244	1234381	89.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	218158	34.941	ng	87
3) Pyridine	3.56	79	589577	34.178	ng	91
4) n-Nitrosodimethylamine	3.43	42	326632	44.255	ng	95
6) Aniline	6.60	93	88809m	3.951	ng	
8) 2-Chlorophenol	6.67	128	568250	43.665	ng	95
9) Benzaldehyde	6.43	77	179076	15.843	ng	99
10) Phenol	6.53	94	714109	43.779	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	688494	50.725	ng	93
12) 1,3-Dichlorobenzene	6.83	146	587765	39.001	ng	99
13) 1,4-Dichlorobenzene	6.90	146	586063	39.039	ng	100
14) 1,2-Dichlorobenzene	7.06	146	546470	39.082	ng	99
15) Benzyl Alcohol	7.03	79	492345	42.074	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1000125	38.789	ng	98
17) 2-Methylphenol	7.14	107	497154	41.415	ng	99
18) Hexachloroethane	7.40	117	173951	33.791	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	389516	38.815	ng	96
20) 3+4-Methylphenols	7.29	107	563331	38.054	ng	# 69
22) Acetophenone	7.30	105	754617	39.729	ng	# 94
24) Nitrobenzene	7.47	77	602768	45.799	ng	98
25) Isophorone	7.71	82	1117688	43.381	ng	99
26) 2-Nitrophenol	7.79	139	297726	53.787	ng	96
27) 2,4-Dimethylphenol	7.82	122	505456	46.436	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	706576	46.295	ng	98
29) 2,4-Dichlorophenol	8.03	162	463082	46.799	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	452269	40.402	ng	100
31) Naphthalene	8.19	128	1550149	40.876	ng	99
32) Benzoic acid	7.91	122	103441	20.892	ng	97
33) 4-Chloroaniline	8.27	127	312045	19.101	ng	99
34) Hexachlorobutadiene	8.30	225	223558	38.973	ng	99
35) Caprolactam	8.62	113	160778m	46.786	ng	
36) 4-Chloro-3-methylphenol	8.72	107	499734	44.948	ng	97
37) 2-Methylnaphthalene	8.88	142	1007133	40.563	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	388744	44.269	ng	99
40) Hexachlorocyclopentadiene	9.03	237	47294	11.329	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	285157	49.439	nq	100
43) 2,4,5-Trichlorophenol	9.20	196	302599	46.547	nq	98
45) 1,1'-Biphenyl	9.35	154	1131188	41.643	nq	99
46) 2-Chloronaphthalene	9.37	162	899738	42.072	nq	98
47) 2-Nitroaniline	9.47	65	348480	52.460	nq	90
48) Acenaphthylene	9.79	152	1316445	39.634	nq	100
49) Dimethylphthalate	9.65	163	1198788	47.672	nq	99
50) 2,6-Dinitrotoluene	9.71	165	234608	49.038	nq	96
51) Acenaphthene	9.96	154	776438	39.088	nq	99
52) 3-Nitroaniline	9.88	138	202584	34.414	nq	91
53) 2,4-Dinitrophenol	9.98	184	33334	35.878	nq	# 19
54) Dibenzofuran	10.13	168	1140481	40.741	nq	98
55) 4-Nitrophenol	10.04	139	395219	81.612	nq	94
56) 2,4-Dinitrotoluene	10.12	165	292772	45.781	nq	92
57) Fluorene	10.47	166	827400	40.624	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	209554	46.509	nq	99
59) Diethylphthalate	10.35	149	1016662	40.945	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	379768	42.150	nq	97
61) 4-Nitroaniline	10.49	138	207210	36.980	nq	90
62) Azobenzene	10.63	77	945721	38.126	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	32136	23.174	nq	86
65) n-Nitrosodiphenylamine	10.59	169	774788	46.307	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	231814	46.199	nq	92
67) Hexachlorobenzene	11.02	284	231797	41.875	nq	98
68) Atrazine	11.11	200	202266	40.978	nq	97
69) Pentachlorophenol	11.22	266	246796	75.951	nq	99
70) Phenanthrene	11.44	178	1083844	41.027	nq	99
71) Anthracene	11.49	178	1102016	41.014	nq	99
72) Carbazole	11.65	167	1065118	40.462	nq	100
73) Di-n-butylphthalate	11.97	149	1412728	44.180	nq	100
74) Fluoranthene	12.63	202	1037864	39.048	nq	98
76) Benzidine	12.75	184	644810	42.760	nq	98
77) Pyrene	12.86	202	1051664	40.875	nq	100
79) Butylbenzylphthalate	13.49	149	2489506	198.990	nq	98
80) Benzo(a)anthracene	14.04	228	900454	43.637	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	335885	43.901	nq	# 97
82) Chrysene	14.09	228	859419	41.316	nq	98
83) Bis(2-ethylhexyl)phthalate	14.03	149	752715	47.757	nq	100
84) Di-n-octyl phthalate	14.64	149	1288925	54.464	nq	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	642616	37.249	nq	98
87) Benzo(b)fluoranthene	15.10	252	764283	42.742	nq	97
88) Benzo(k)fluoranthene	15.13	252	766745	44.877	nq	99
89) Benzo(a)pyrene	15.48	252	681503	42.342	nq	98
90) Dibenzo(a,h)anthracene	17.06	278	547620	41.918	nq	99
91) Benzo(g,h,i)perylene	17.50	276	518401	40.541	nq	99

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

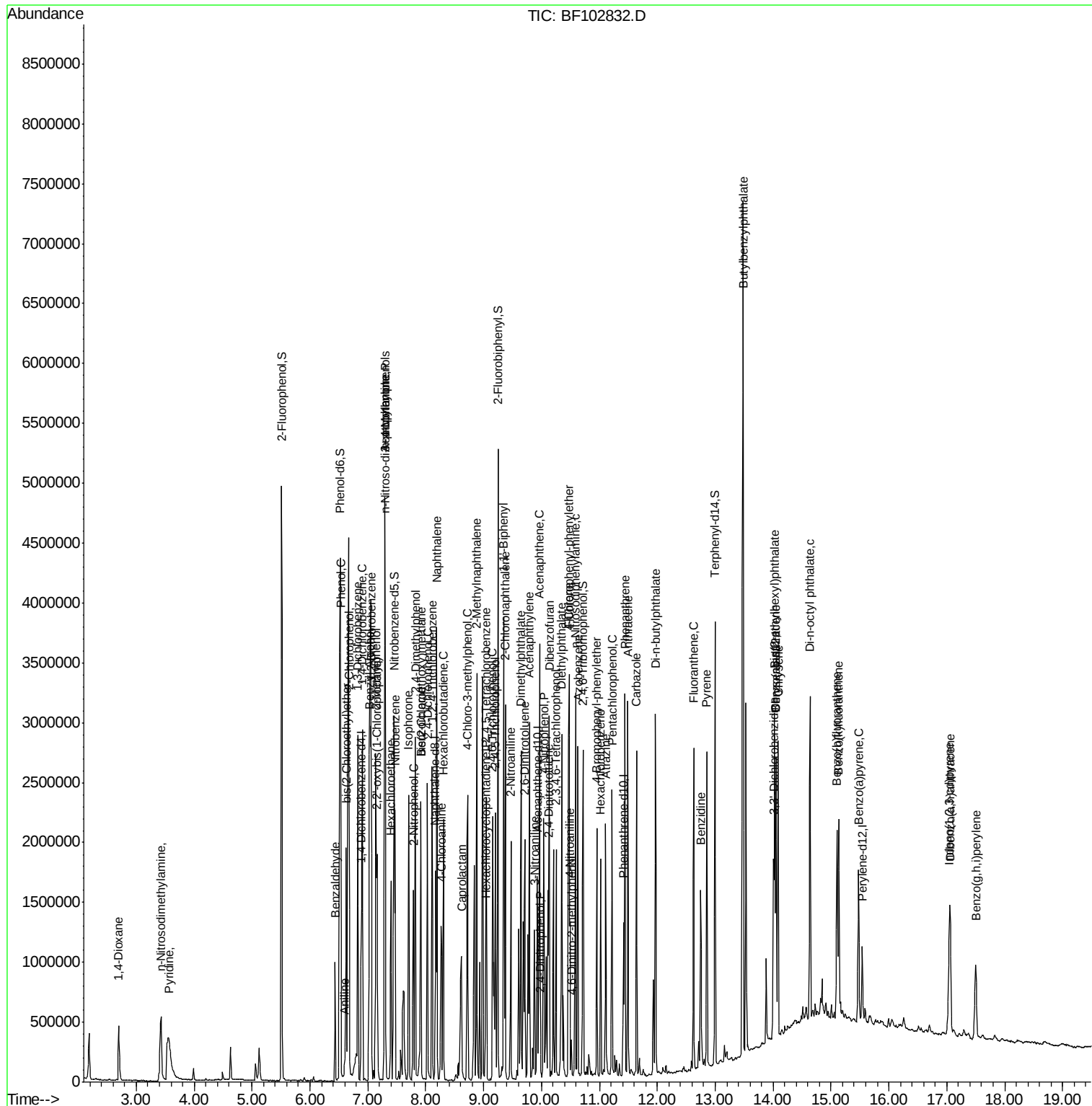
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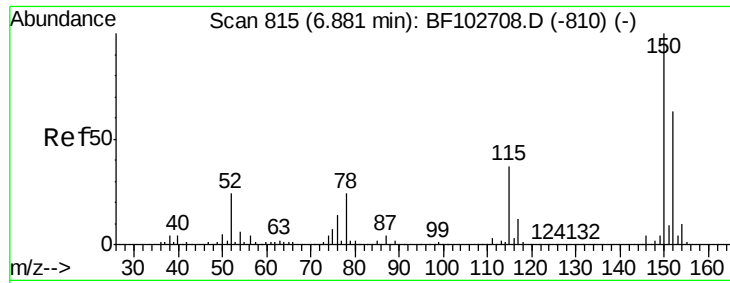
Instrument :
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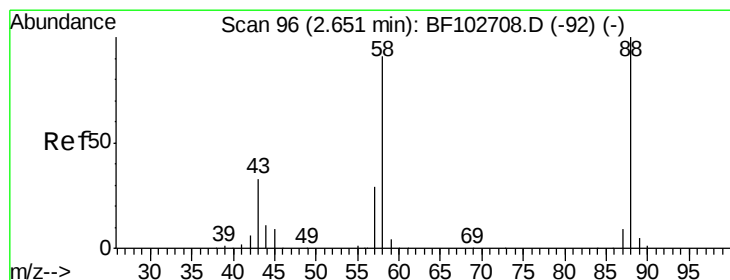
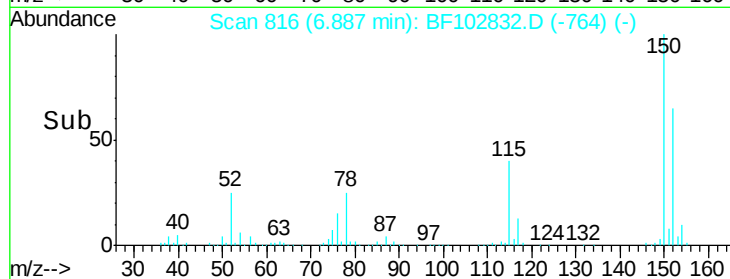
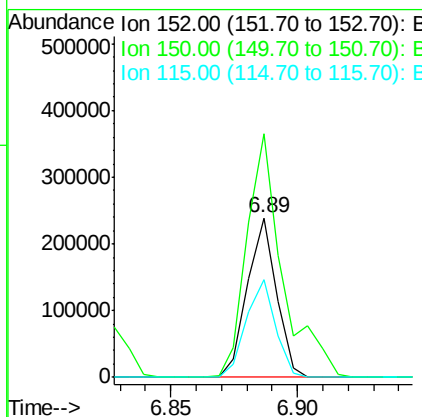
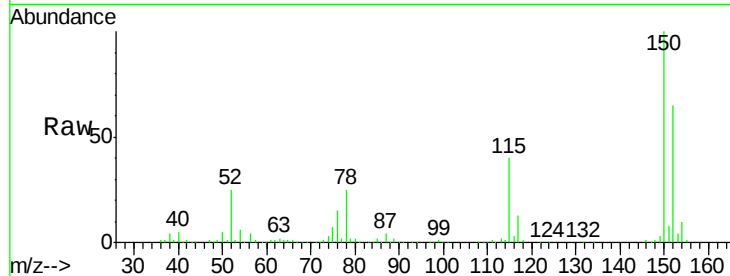
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampled :
3N-15MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	61.6	50.1	75.1

Manual Integrations
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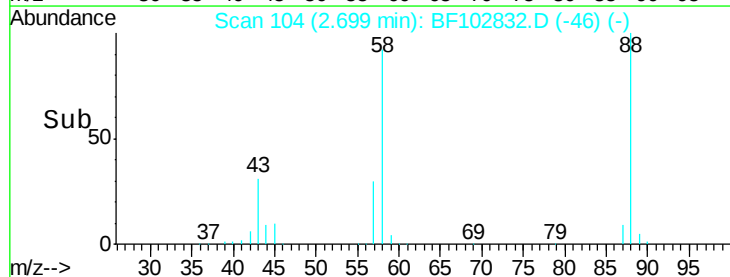
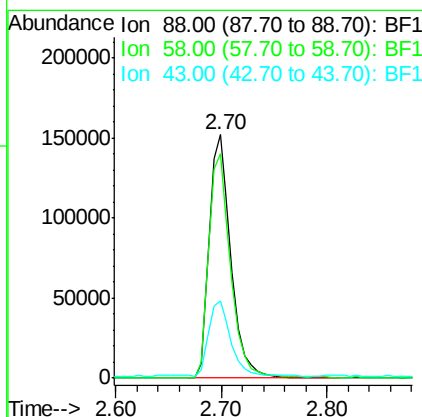
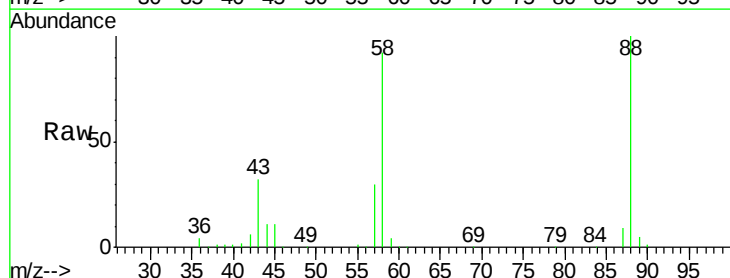
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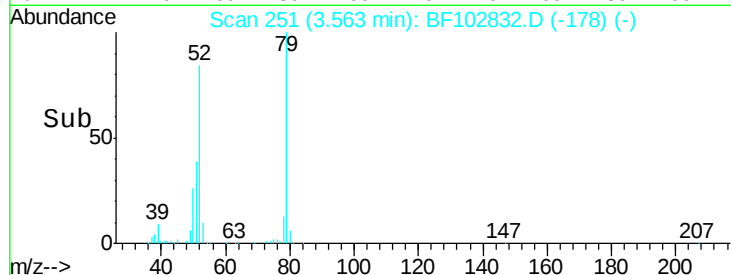
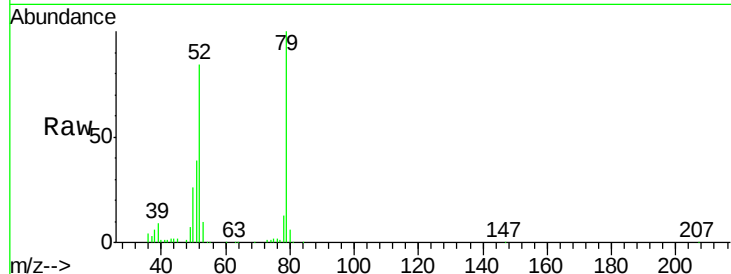
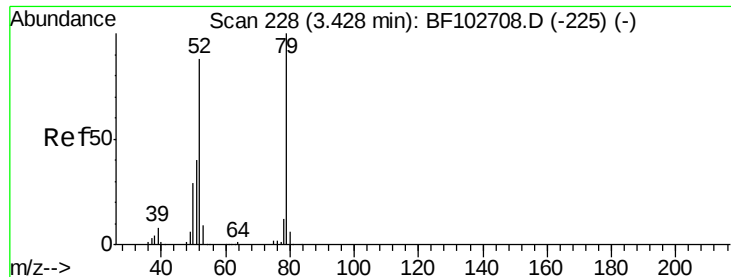


#2

1,4-Dioxane
Concen: 34.941 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.04 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.6	62.6	93.8
43	31.6	24.6	37.0





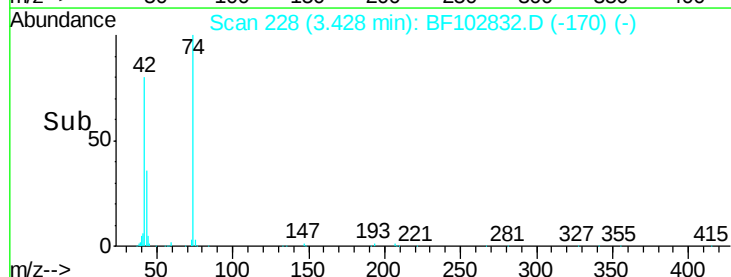
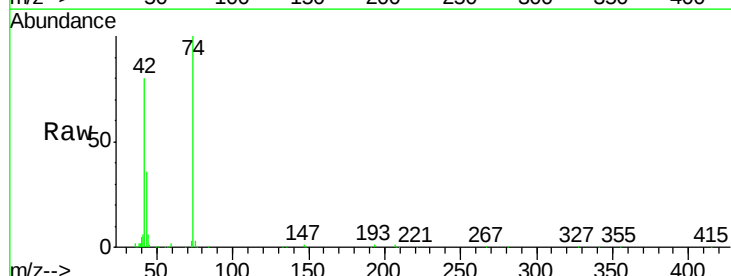
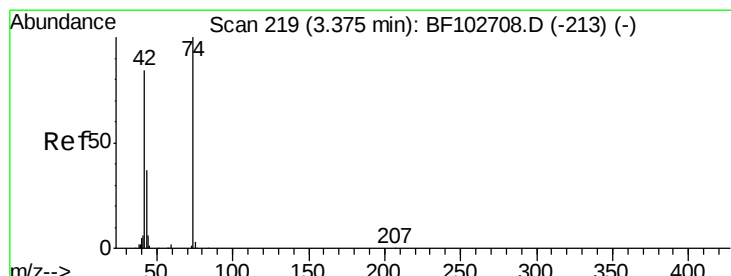
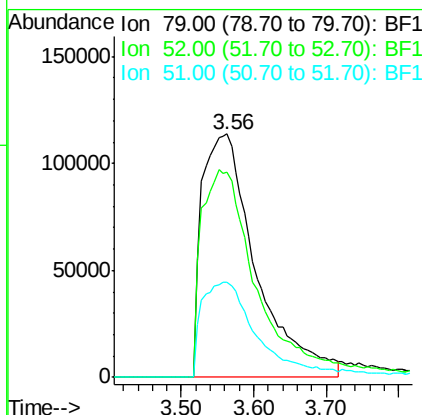
#3
 Pvridine
 Concen: 34.178 ng
 RT: 3.56 min Scan# 251
 Delta R.T. 0.13 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Tot Ion:	79	Resp:	589577
Ion Ratio	Lower	Upper	
79	100		
52	84.4	59.8	89.6
51	39.0	29.8	44.8

Instrument :
 BNA_F
 ClientSampled :
 3N-15MS

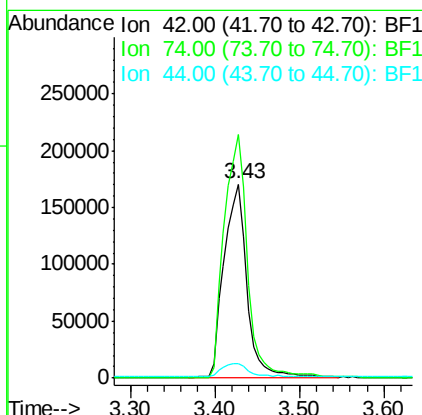
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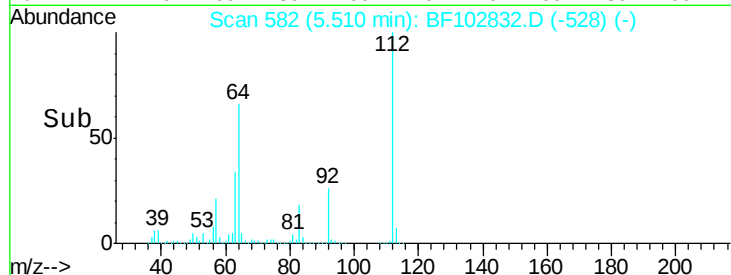
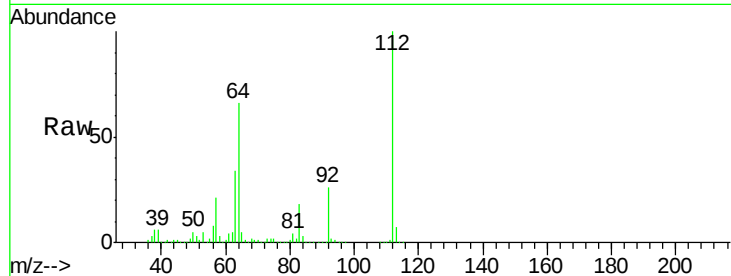
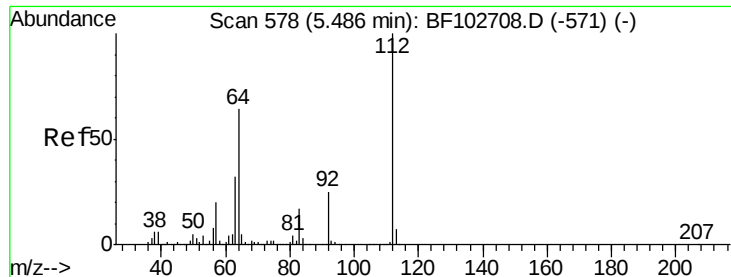
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#4
 n-Nitrosodimethylamine
 Concen: 44.255 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.04 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Tgt Ion:	42	Resp:	326632
Ion Ratio	Lower	Upper	
42	100		
74	125.3	104.9	157.3
44	7.5	6.9	10.3





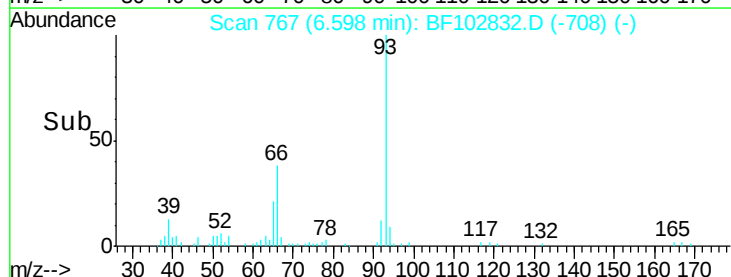
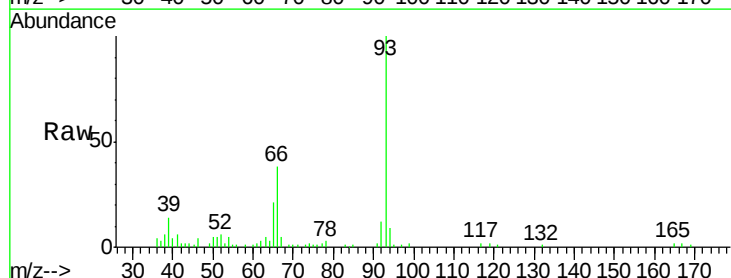
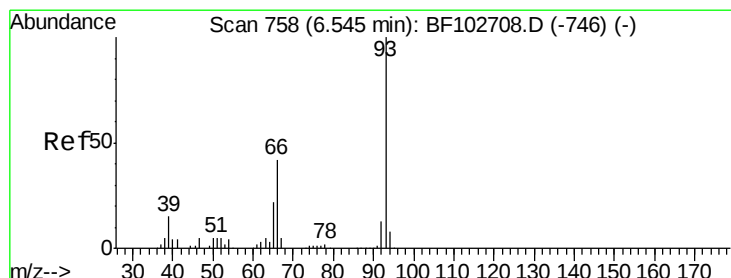
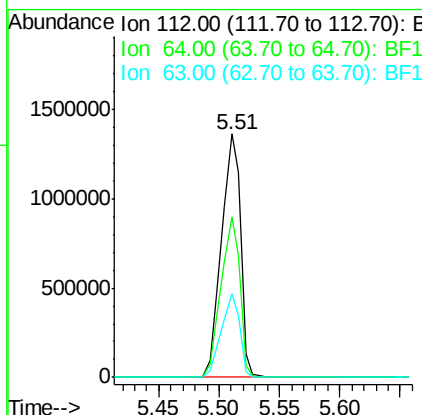
#5
2-Fluorophenol
Concen: 117.588 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tot Ion: 112 Resp: 1486430
Ion Ratio Lower Upper
112 100
64 66.1 47.9 71.9
63 34.3 23.7 35.5

Instrument :
BNA_F
ClientSampleId :
3N-15MS

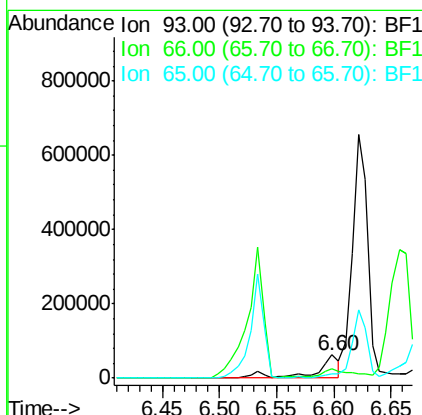
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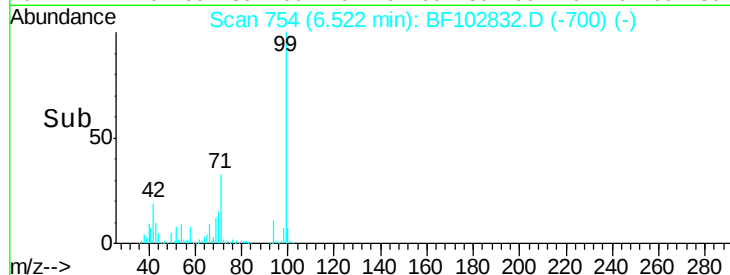
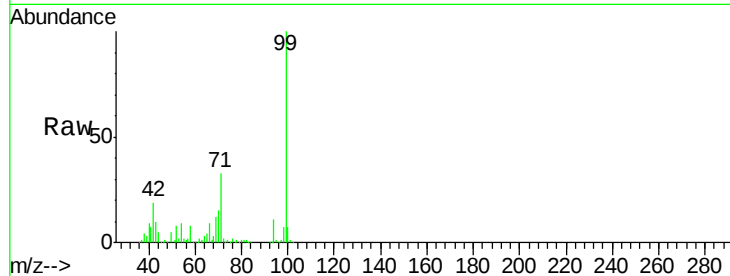
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#6
Aniline
Concen: 3.951 ng m
RT: 6.60 min Scan# 767
Delta R.T. 0.05 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion: 93 Resp: 88809
Ion Ratio Lower Upper
93 100
66 38.5 32.2 48.2
65 21.0 16.4 24.6





#7

Phenol-d6

Concen: 119.114 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Tot Ion: 99 Resp: 1812983

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 32.9 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

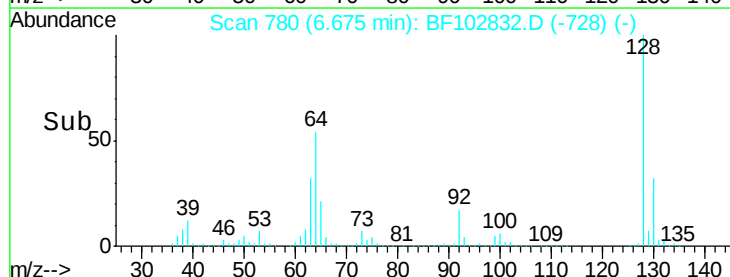
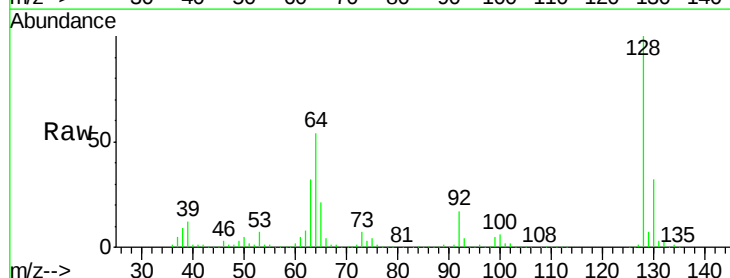
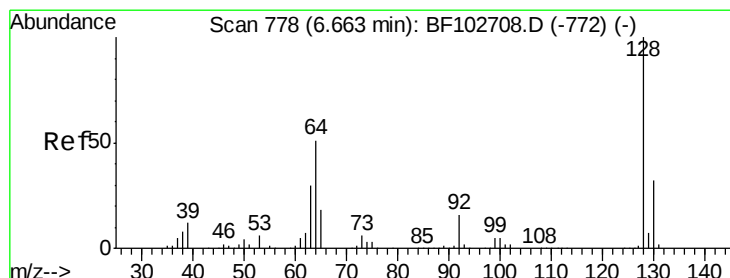
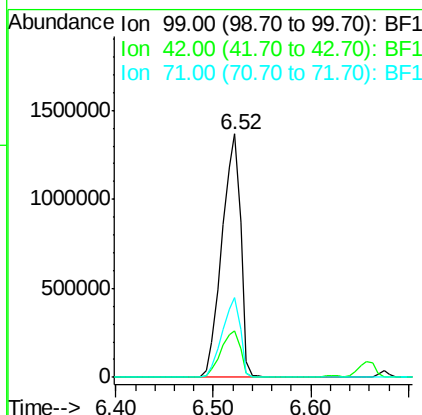
3N-15MS

Manual Integrations

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#8

2-Chlorophenol

Concen: 43.665 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

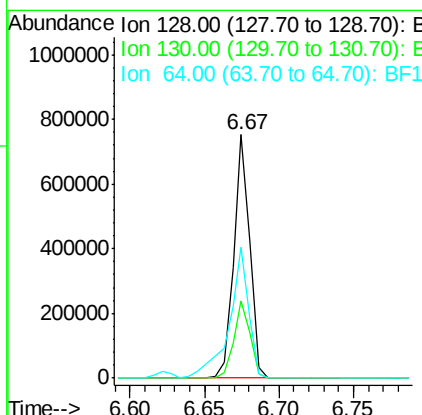
Tgt Ion:128 Resp: 568250

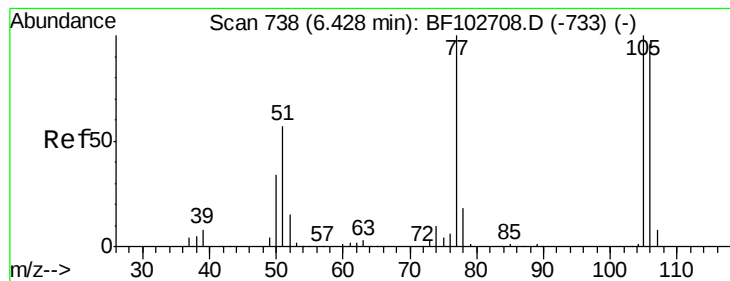
Ion Ratio Lower Upper

128 100

130 31.8 13.0 53.0

64 53.6 29.4 69.4





#9

Benzaldehyde

Concen: 15.843 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

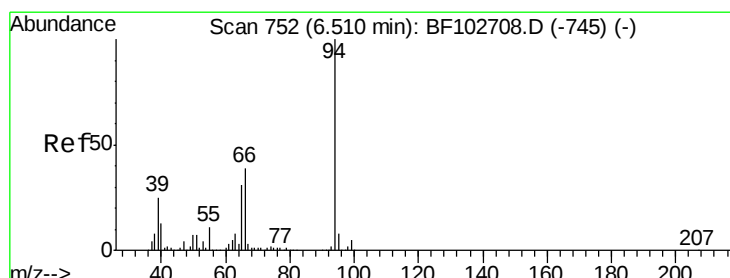
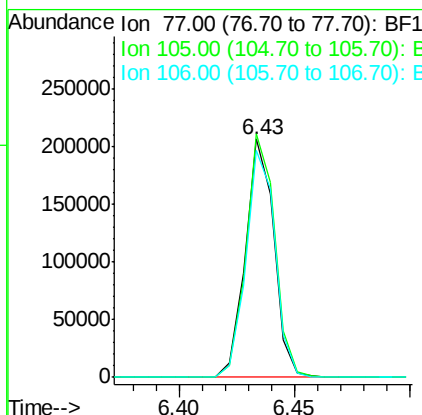
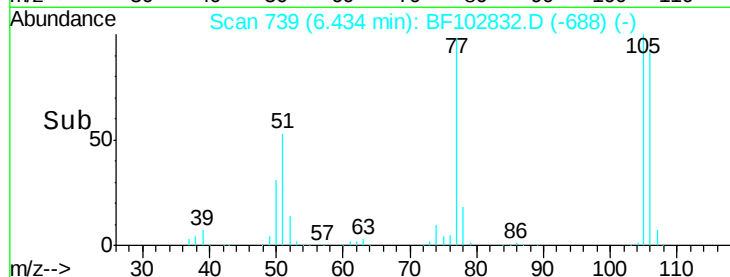
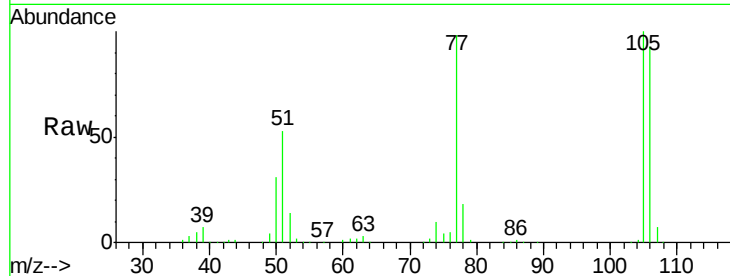
ClientSampled :

3N-15MS

Tot Ion:	77	Resp:	179076
Ion	Ratio	Lower	Upper
77	100		
105	102.1	81.1	121.1
106	95.3	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 43.779 ng

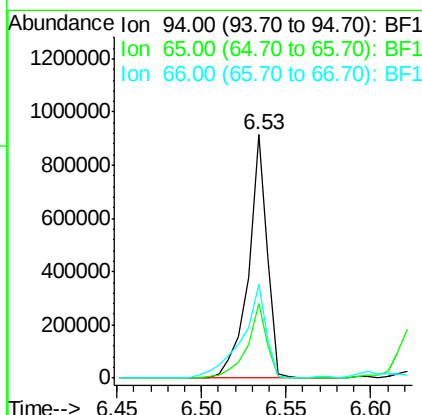
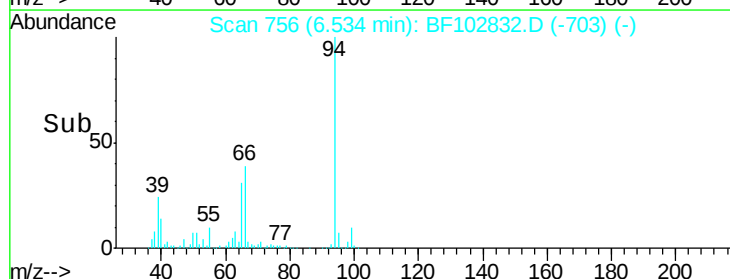
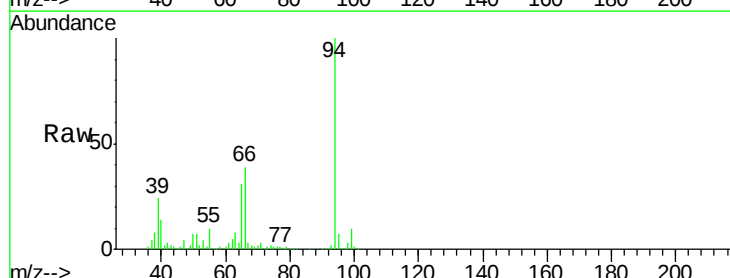
RT: 6.53 min Scan# 756

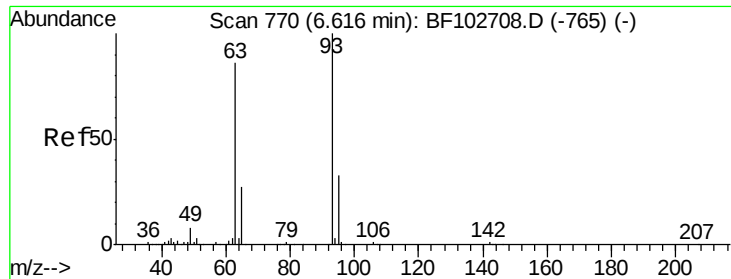
Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Tgt Ion:	94	Resp:	714109
Ion	Ratio	Lower	Upper
94	100		
65	30.6	7.9	47.9
66	38.6	16.2	56.2





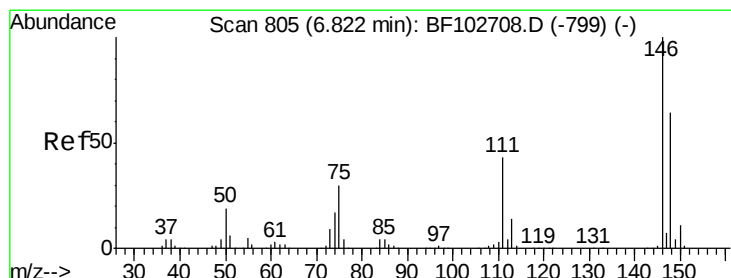
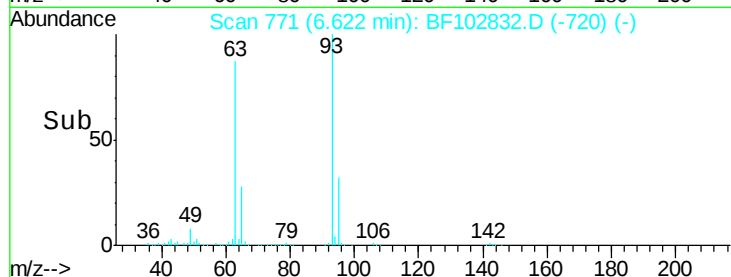
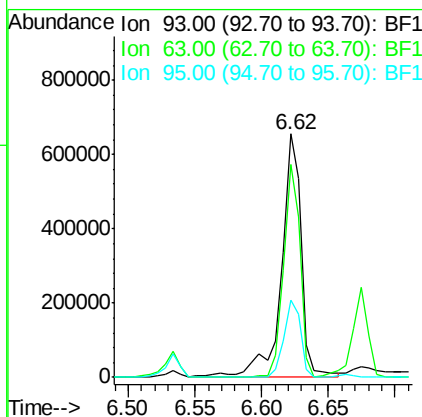
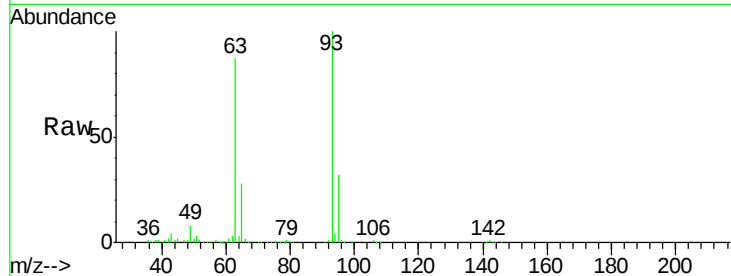
#11
bis(2-Chloroethyl)ether
Concen: 50.725 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampleId :
3N-15MS

Tot Ion	93	Resp	688494
Ion	Ratio	Lower	Upper
93	100		
63	87.2	58.6	98.6
95	31.9	11.8	51.8

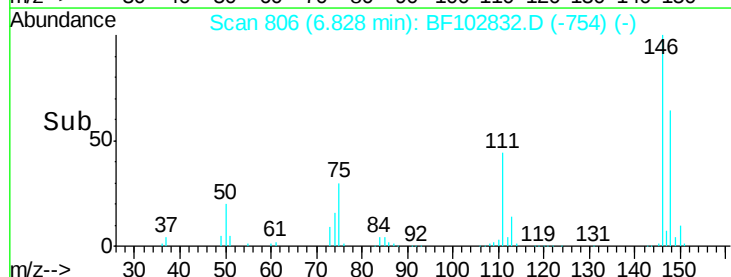
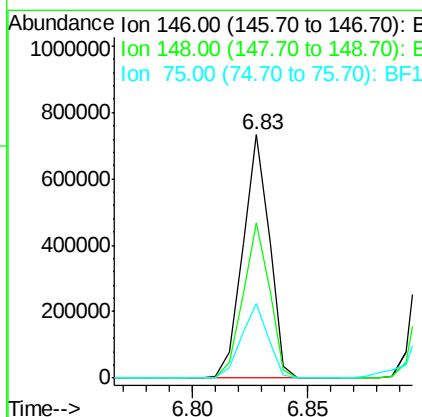
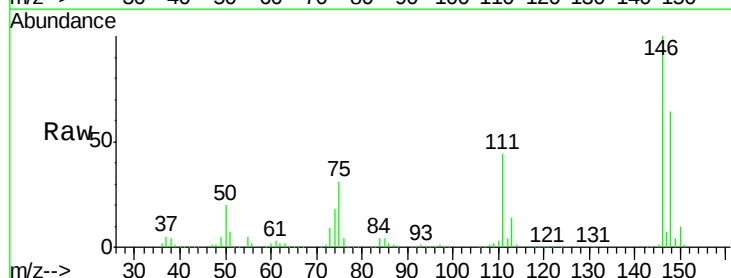
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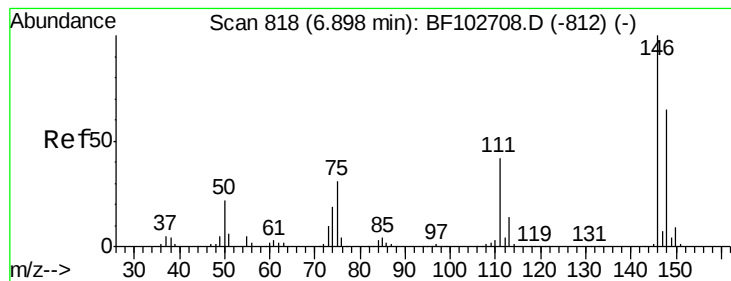
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.001 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion	146	Resp	587765
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	30.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 39.039 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

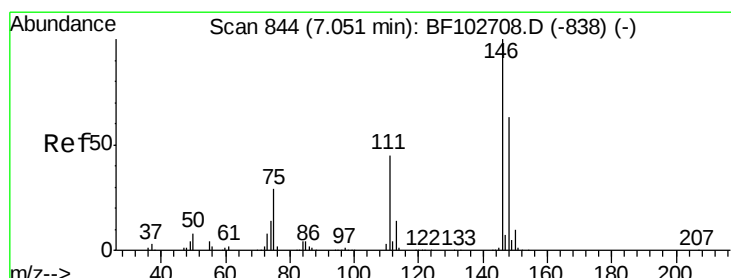
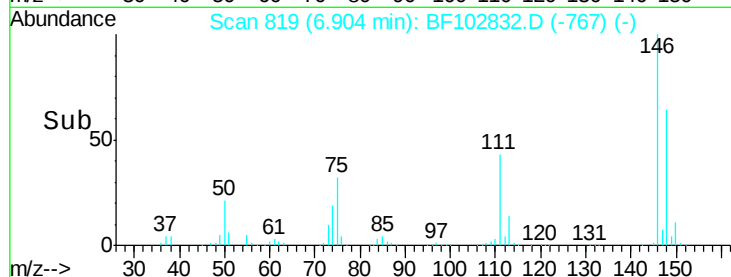
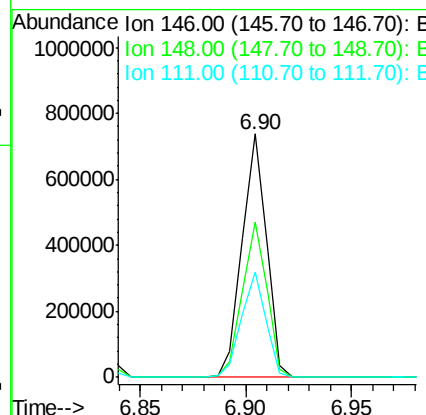
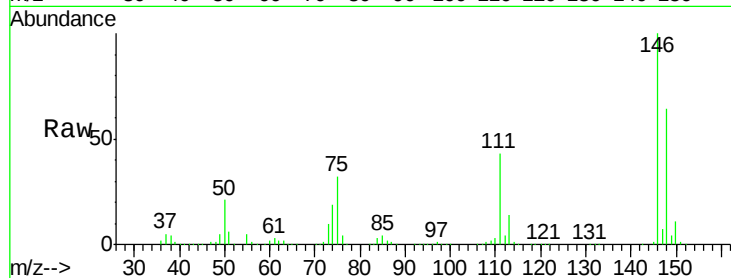
ClientSampled :

3N-15MS

Tot Ion:	146	Resp:	586063
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.8	76.2
111	43.2	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 39.082 ng

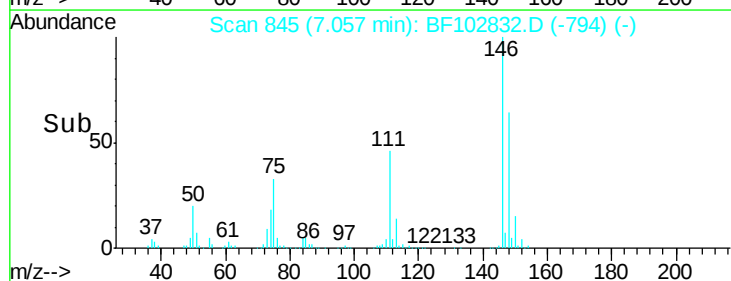
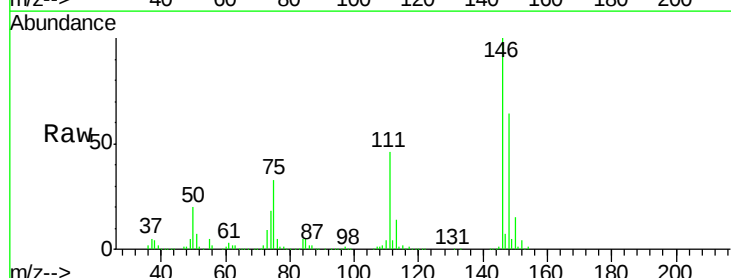
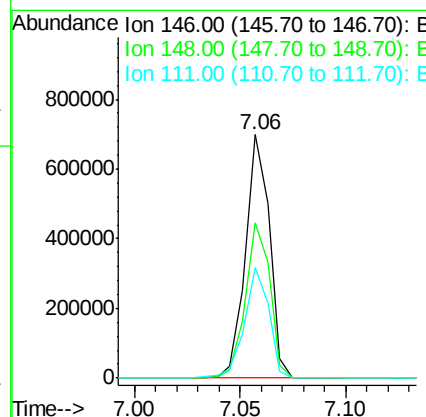
RT: 7.06 min Scan# 845

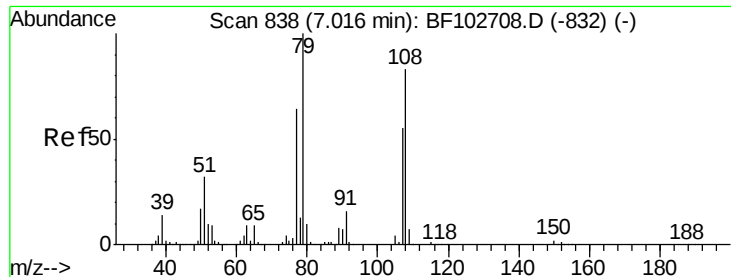
Delta R.T. 0.00 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Tgt Ion:	146	Resp:	546470
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.6	75.8
111	45.6	36.0	54.0





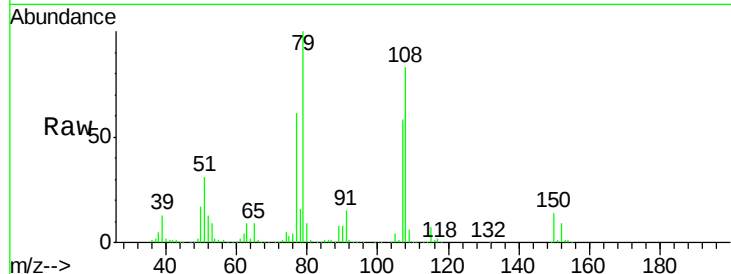
#15
Benzyl Alcohol
Concen: 42.074 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampleId :
3N-15MS

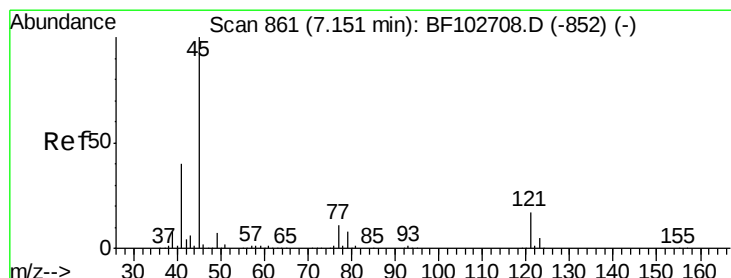
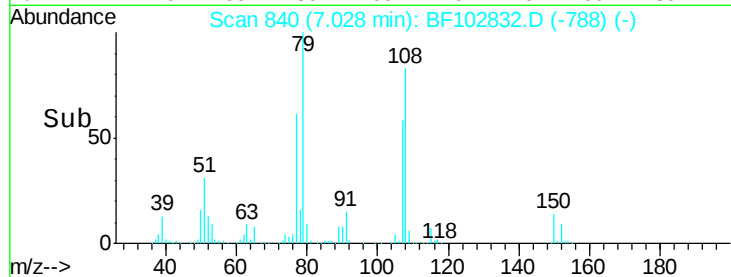
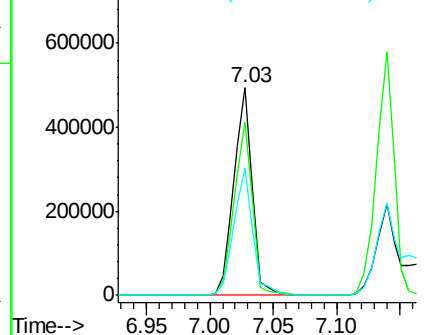
Tot Ion	Ratio	Lower	Upper
79	100		
108	83.3	65.1	97.7
77	61.3	50.6	75.8

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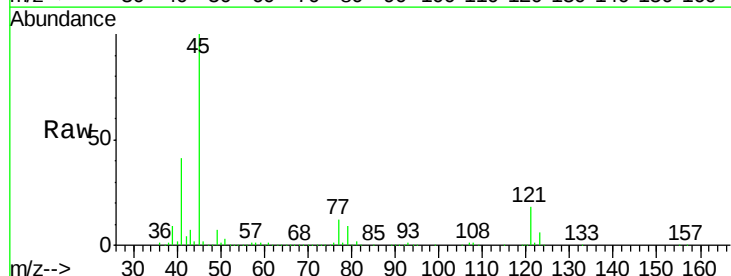


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

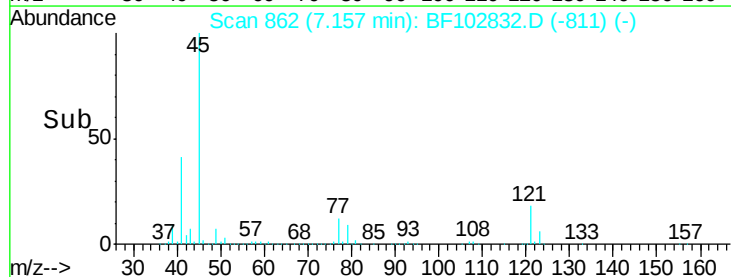
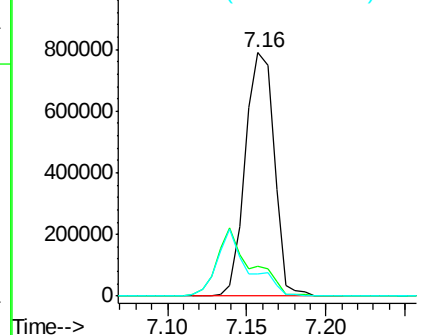


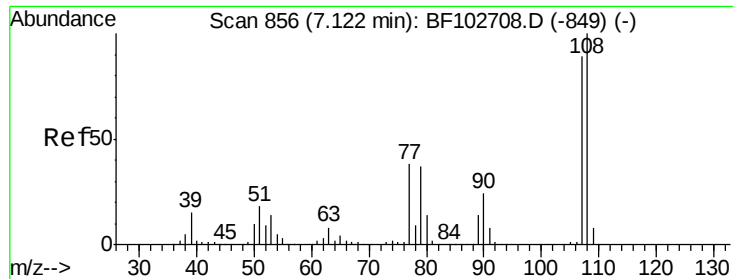
#16
2,2'-oxybis(1-chloropropane)
Concen: 38.789 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	32.9
79	9.2	0.0	29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





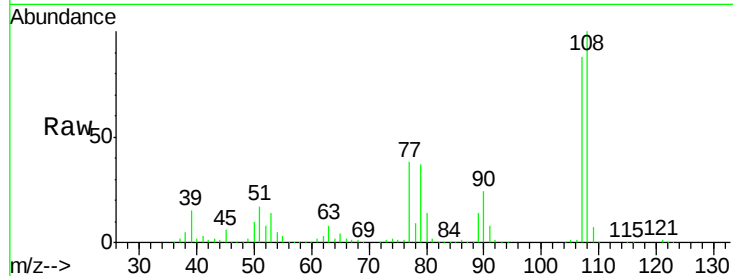
#17
2-Methylphenol
Concen: 41.415 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampleId :
3N-15MS

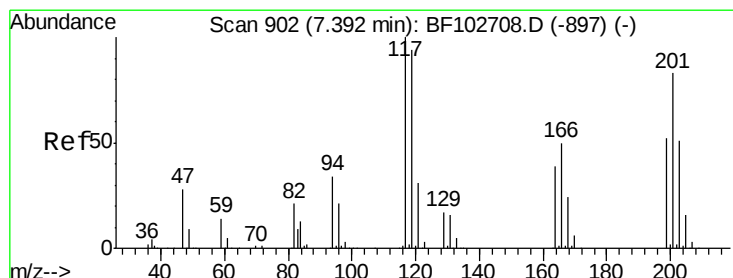
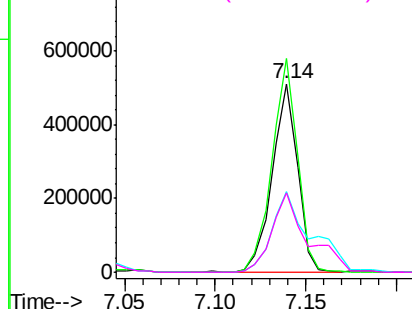
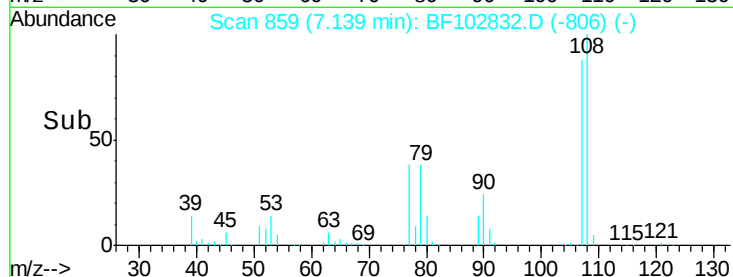
Tot Ion	107	Resp	497154
Ion Ratio	Lower	Upper	
107	100		
108	113.2	91.7	137.5
77	42.9	33.8	50.8
79	42.3	33.8	50.8

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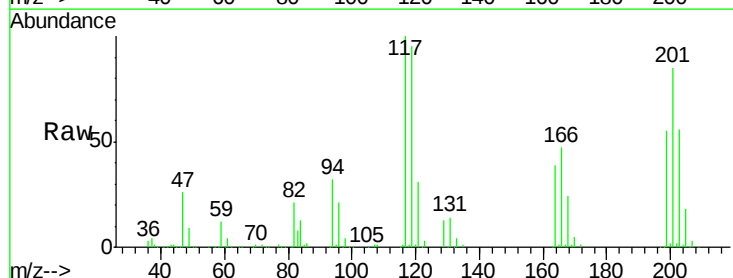


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

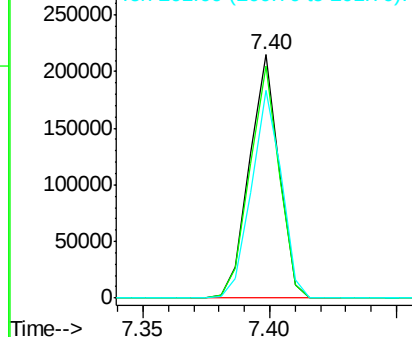
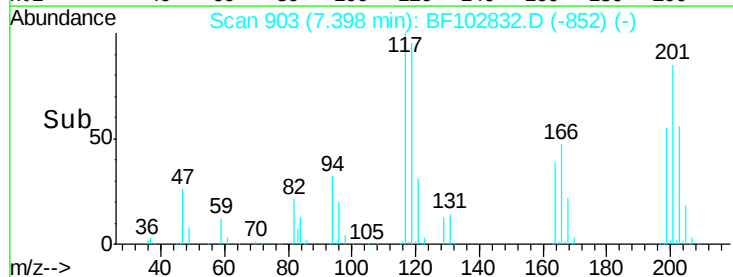


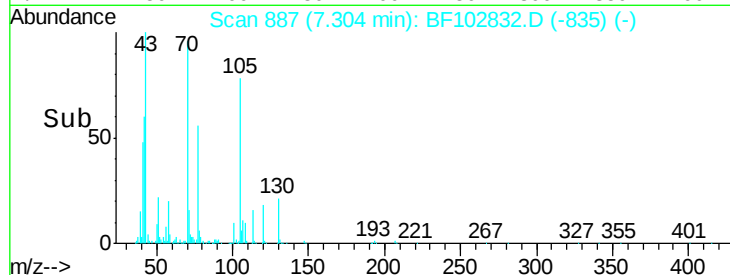
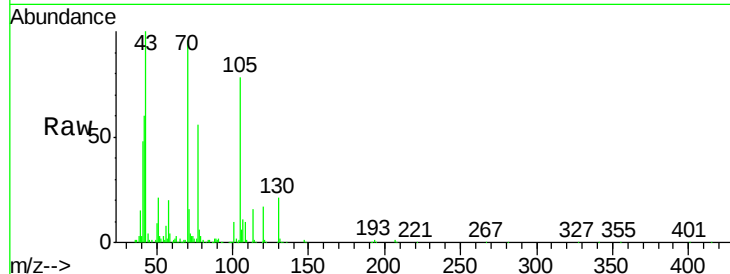
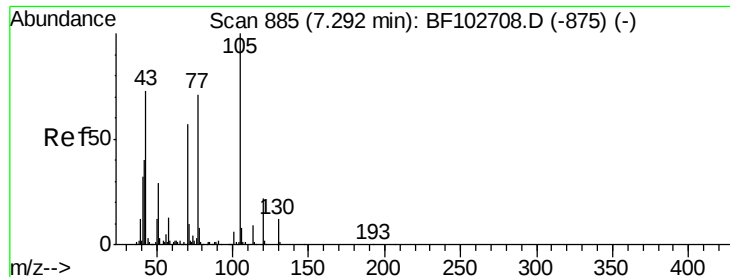
#18
Hexachloroethane
Concen: 33.791 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion	117	Resp	173951
Ion Ratio	Lower	Upper	
117	100		
119	95.4	75.8	113.8
201	85.2	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





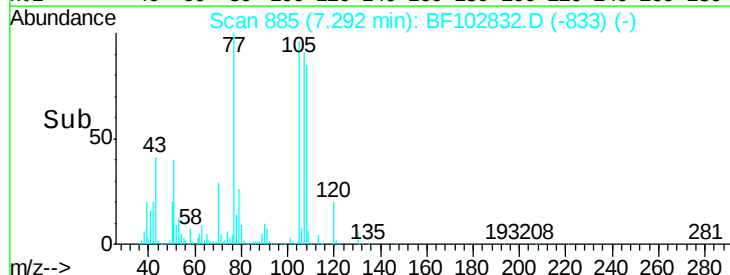
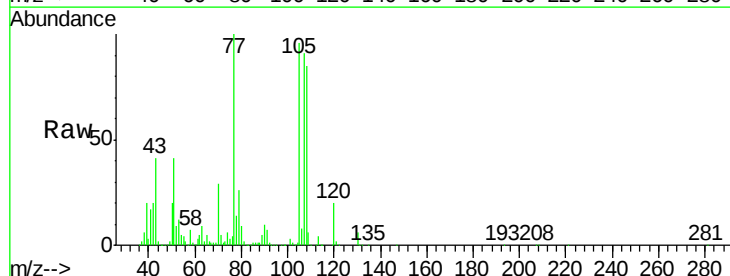
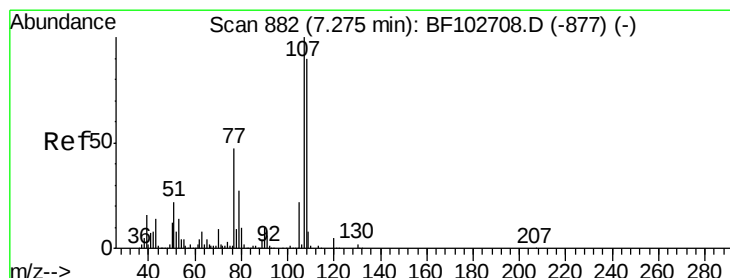
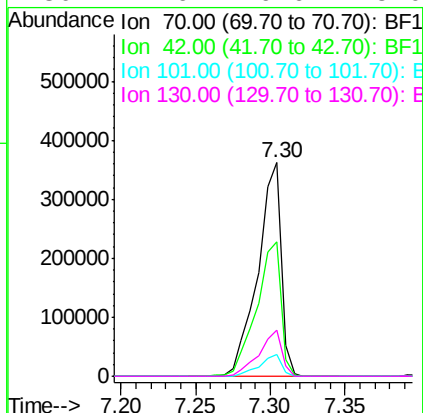
#19
n-Nitroso-di-n-propylamine
Concen: 38.815 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampleId :
3N-15MS

Tot Ion	70	Resp	389516
Ion Ratio	Lower	Upper	
70	100		
42	62.8	47.5	71.3
101	10.0	7.4	11.2
130	21.6	16.6	25.0

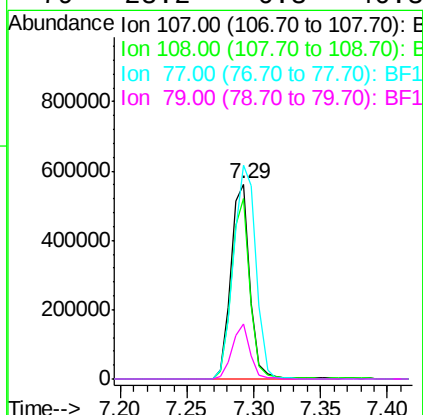
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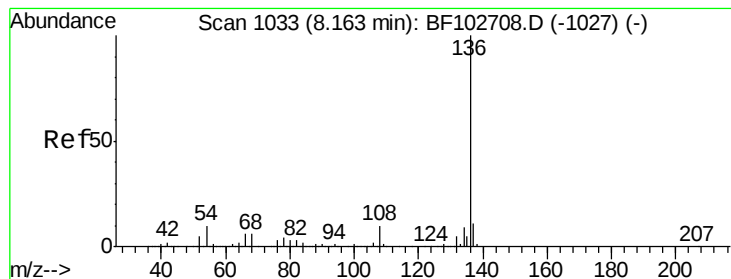
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#20
3+4-Methylphenols
Concen: 38.054 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion	107	Resp	563331
Ion Ratio	Lower	Upper	
107	100		
108	93.1	68.2	108.2
77	109.8	26.7	66.7#
79	28.2	6.3	46.3





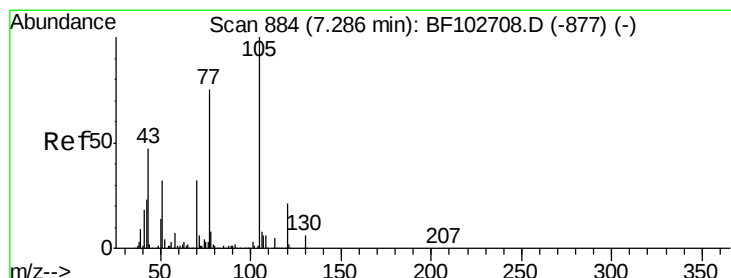
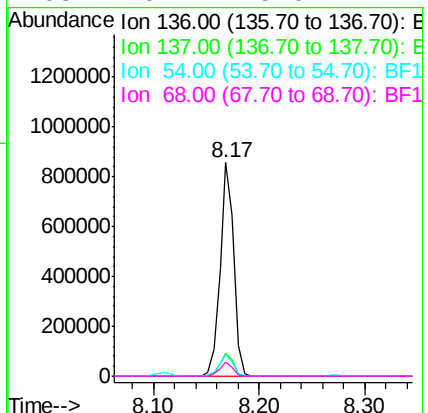
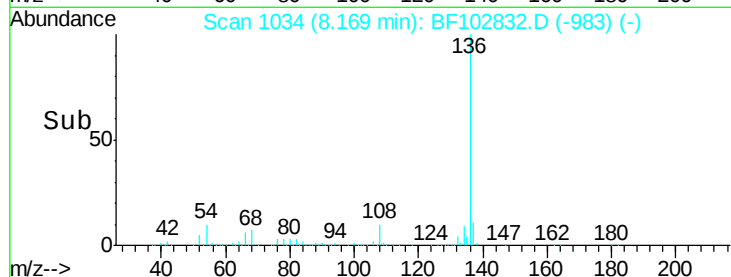
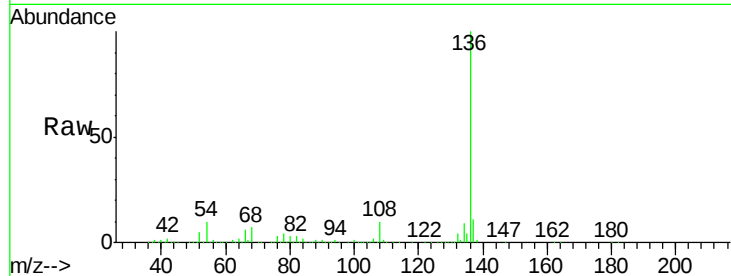
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampleId :
3N-15MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	10.4	6.6	9.8	
68	6.7	5.0	7.4	

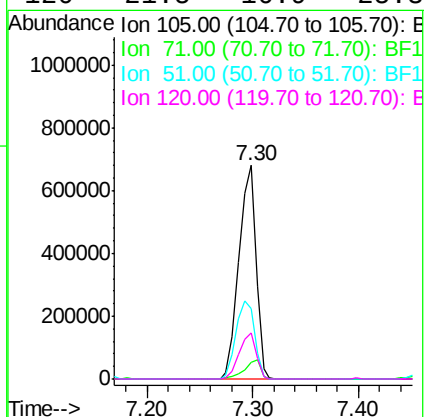
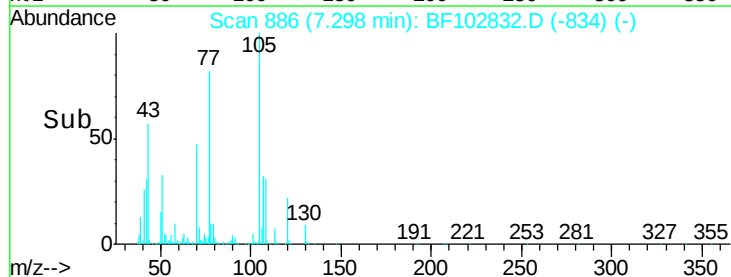
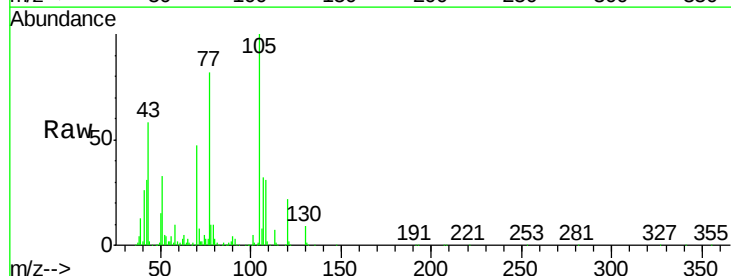
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#22
Acetophenone
Concen: 39.729 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.9	4.4	6.6	
51	33.0	22.3	33.5	
120	21.5	16.9	25.3	





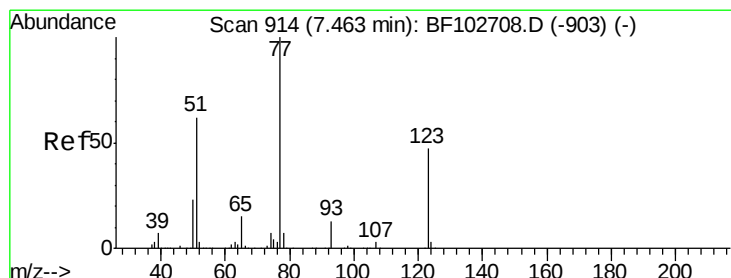
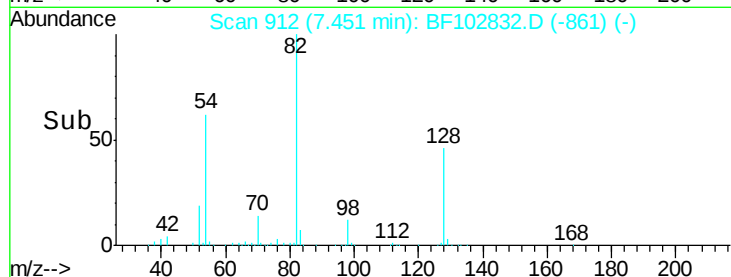
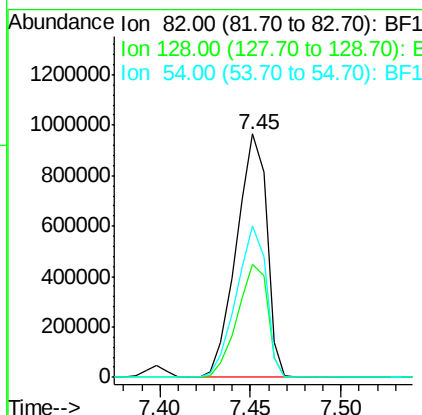
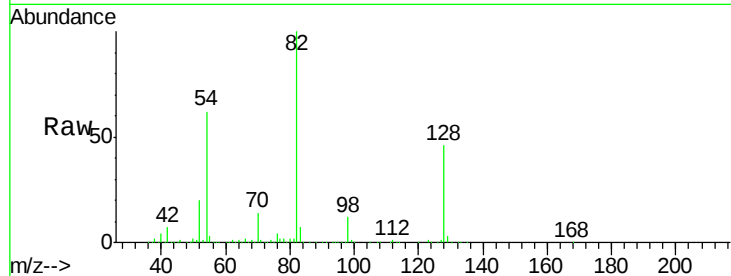
#23
Nitrobenzene-d5
Concen: 100.618 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampled :
3N-15MS

Tot Ion: 82 Resp: 1125817
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 62.0 41.4 62.2

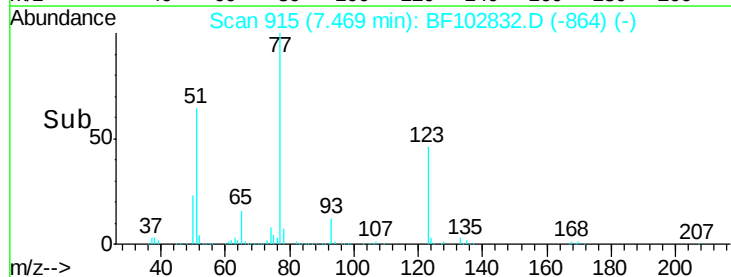
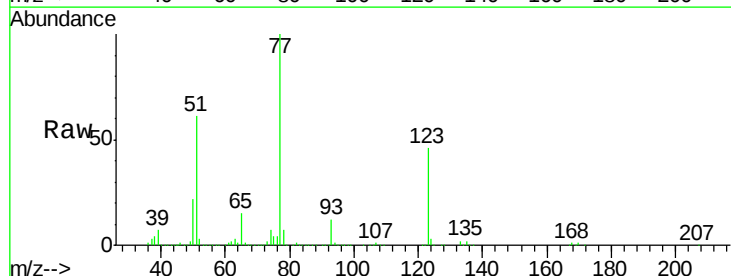
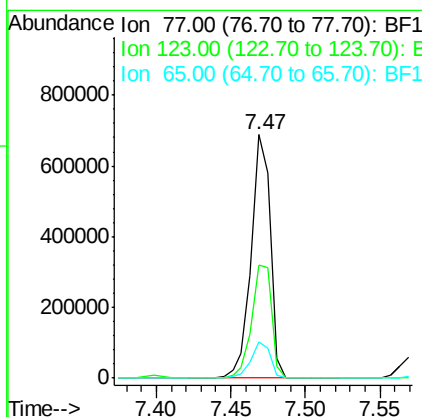
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#24
Nitrobenzene
Concen: 45.799 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion: 77 Resp: 602768
Ion Ratio Lower Upper
77 100
123 46.4 37.9 56.9
65 14.9 11.0 16.4





#25

Isophorone

Concen: 43.381 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

ClientSampled :

3N-15MS

Tot Ion: 82 Resp: 1117688

Ion Ratio Lower Upper

82 100

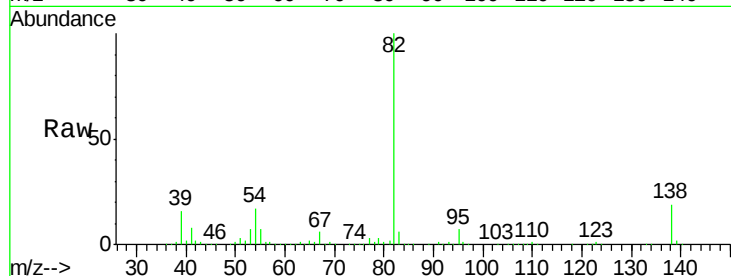
95 6.9 5.2 7.8

138 19.2 14.9 22.3

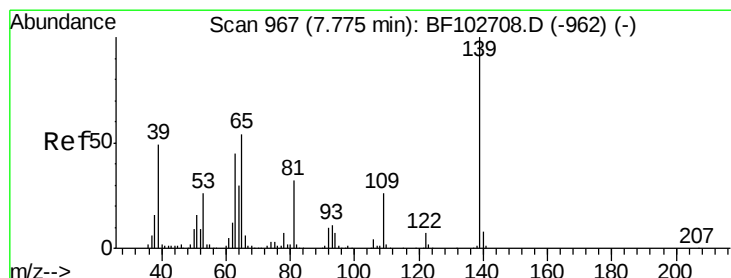
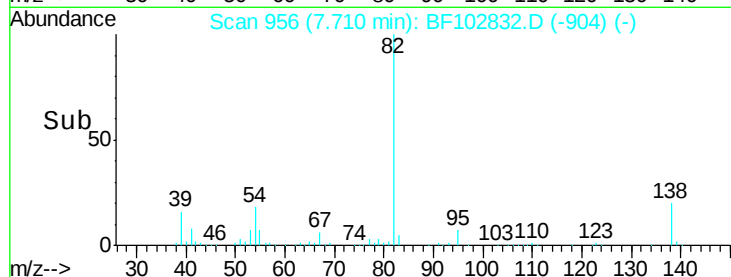
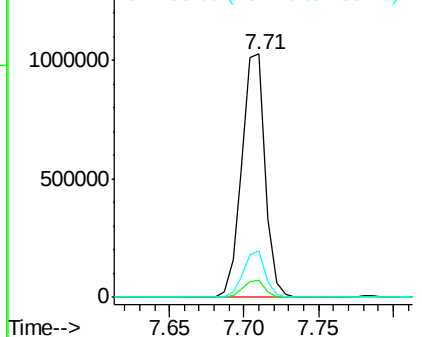
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.787 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

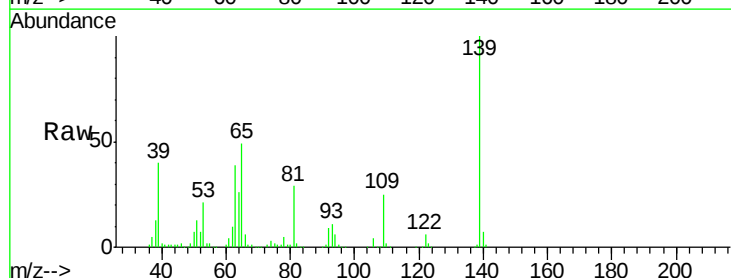
Tgt Ion: 139 Resp: 297726

Ion Ratio Lower Upper

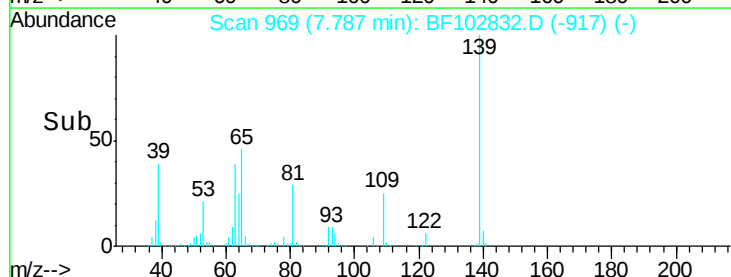
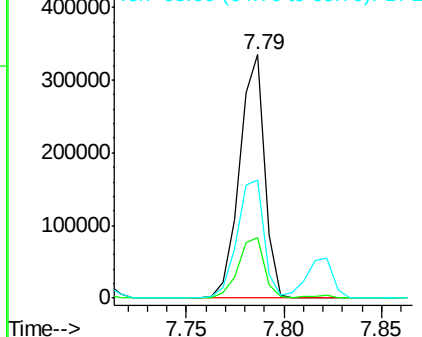
139 100

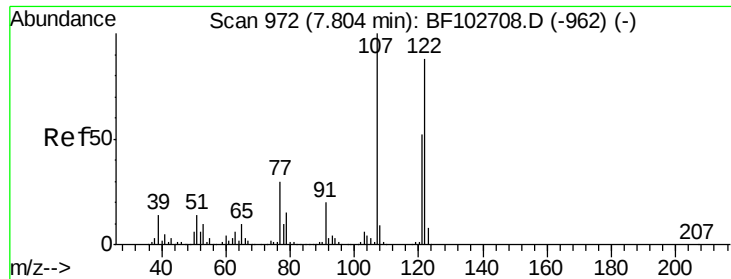
109 24.7 22.7 34.1

65 48.5 40.5 60.7



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





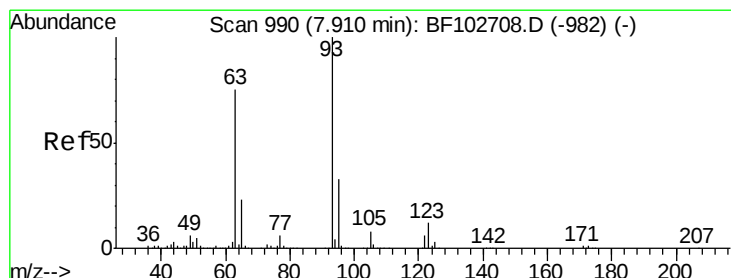
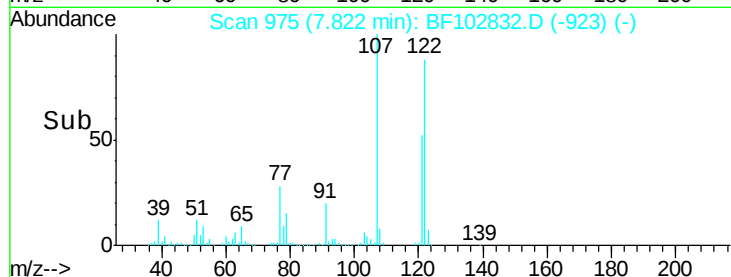
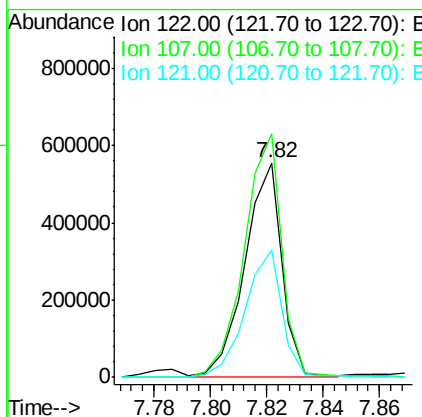
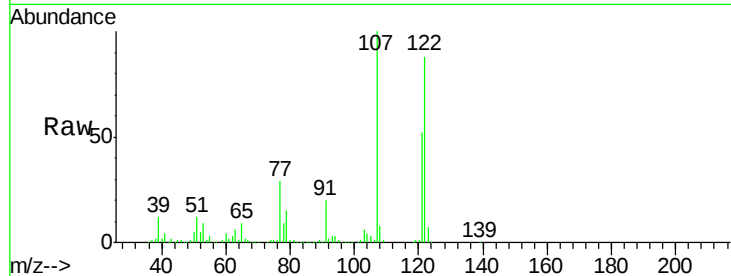
#27
 2,4-Dimethylphenol
 Concen: 46.436 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Instrument :
 BNA_F
 ClientSampleId :
 3N-15MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.5	91.2	136.8
121	59.3	47.2	70.8

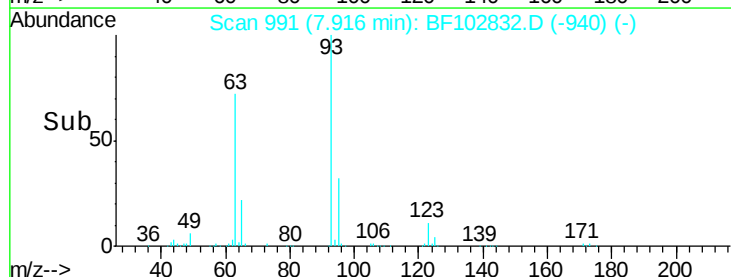
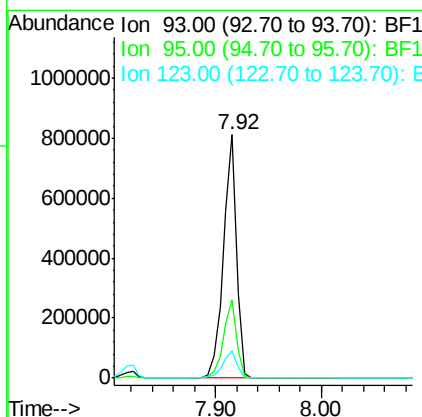
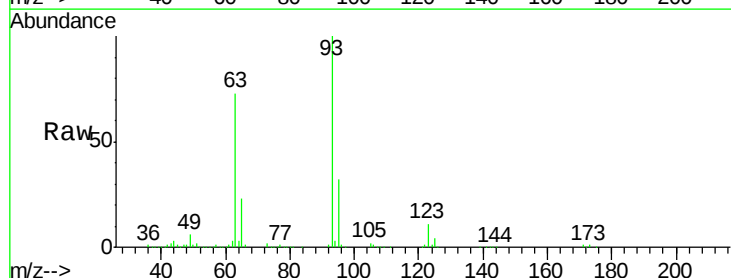
Manual Integrations
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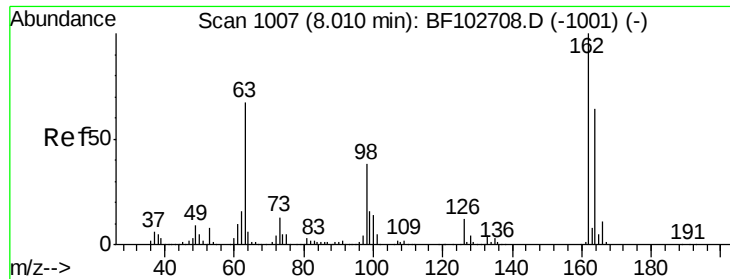
Sohil
 2/8/2018 1:41:45 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.295 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.3	39.5
123	11.0	9.8	14.6





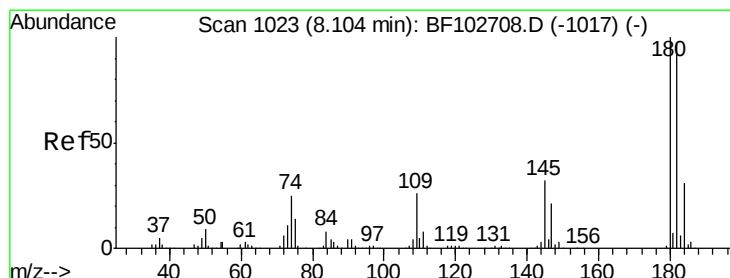
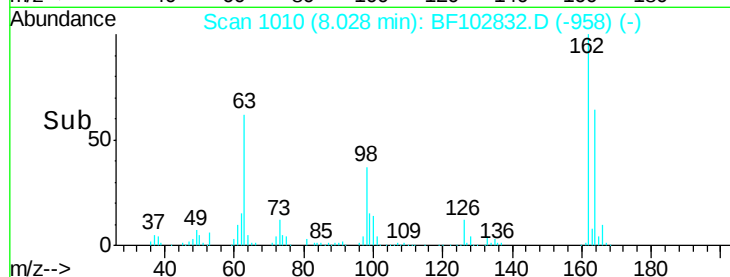
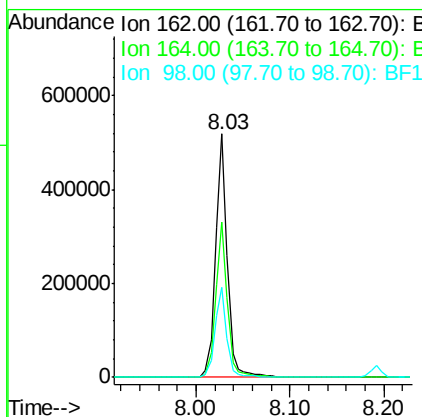
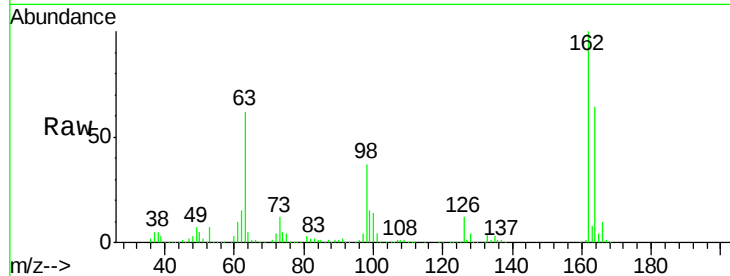
#29
 2,4-Dichlorophenol
 Concen: 46.799 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Instrument :
 BNA_F
 ClientSampleId :
 3N-15MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	463082		
164	64.0	42.7	82.7	
98	37.0	18.1	58.1	

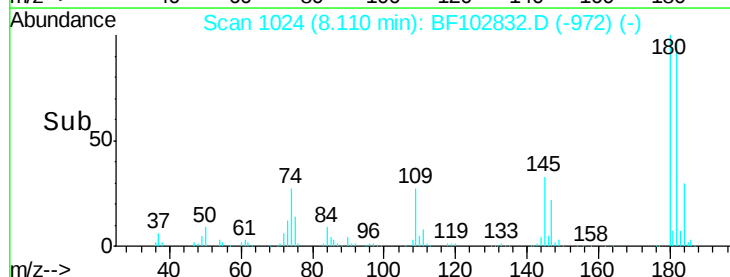
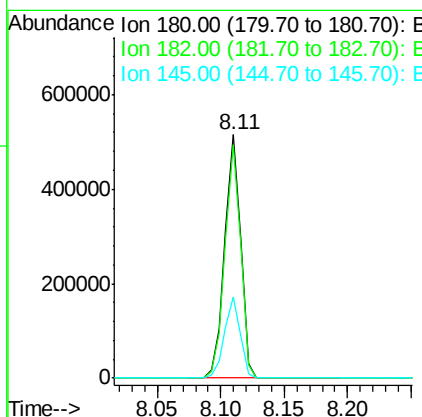
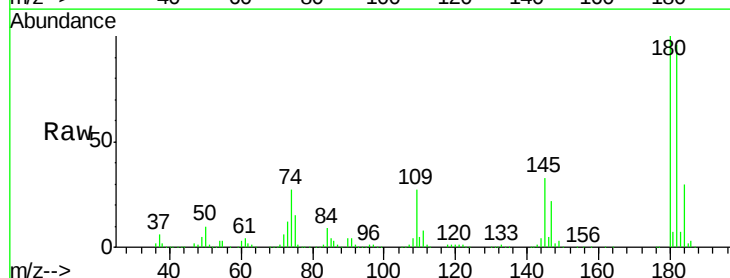
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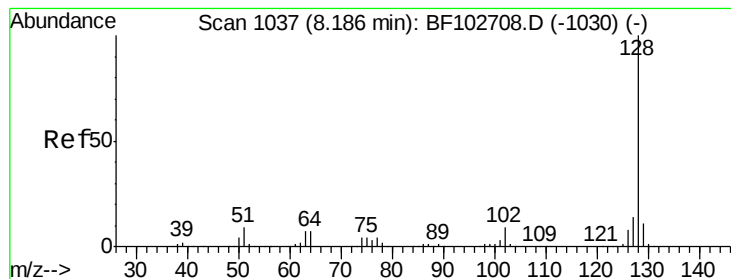
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.402 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	452269		
182	95.7	76.8	115.2	
145	33.4	26.5	39.7	





#31

Naphthalene

Concen: 40.876 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

ClientSampleId :

3N-15MS

Tot Ion:128 Resp: 1550149

Ion Ratio Lower Upper

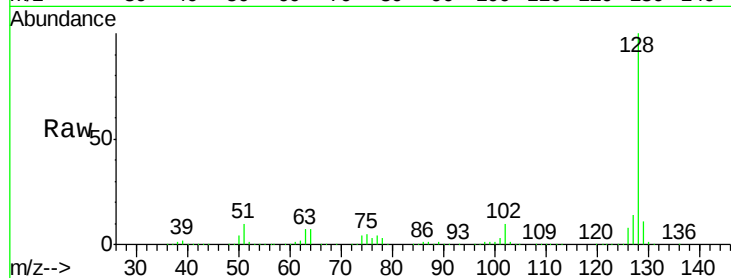
128 100

129 11.4 8.8 13.2

127 13.8 10.9 16.3

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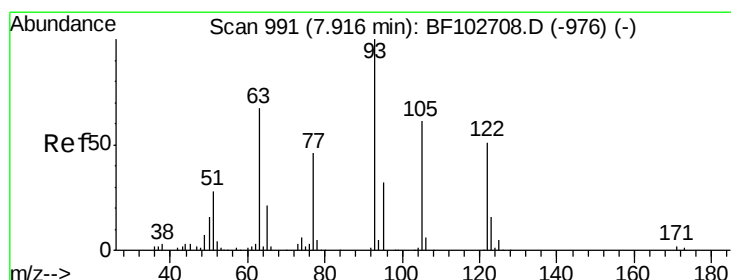
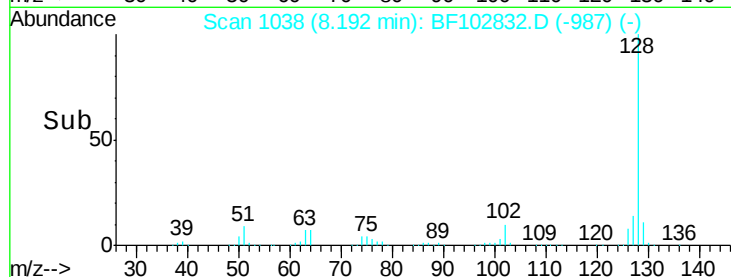
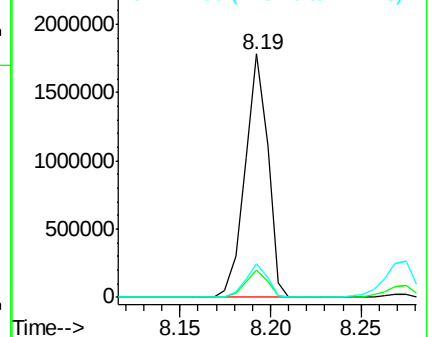
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.892 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

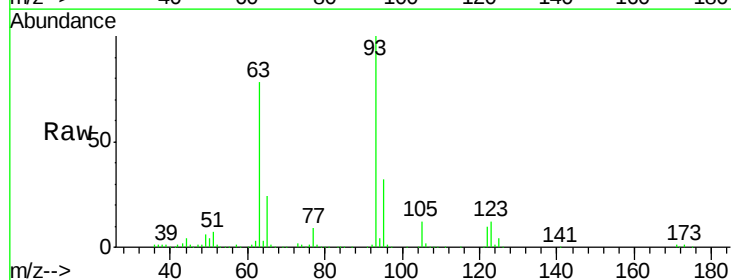
Tgt Ion:122 Resp: 103441

Ion Ratio Lower Upper

122 100

105 115.3 101.1 141.1

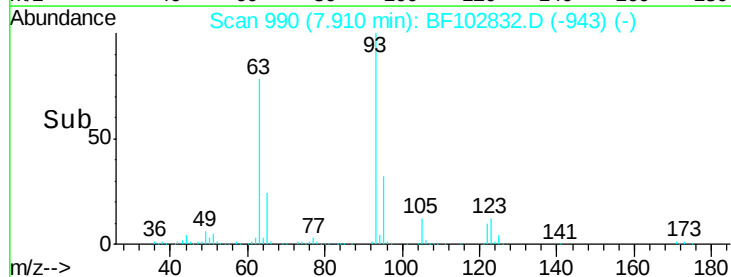
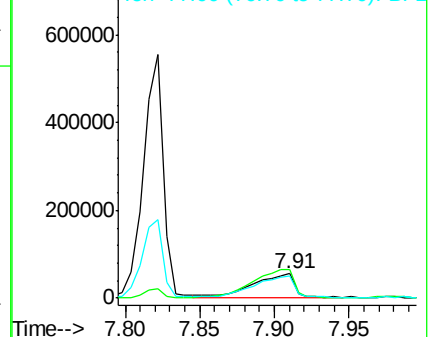
77 89.7 70.7 110.7

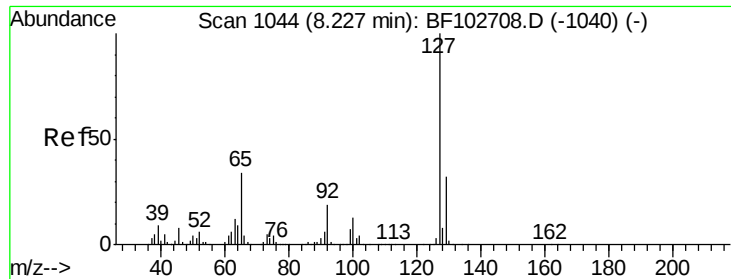


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





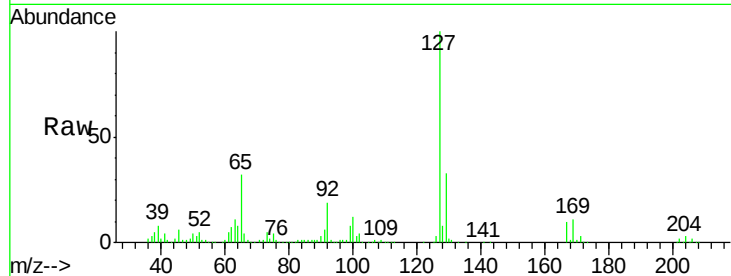
#33
4-Chloroaniline
Concen: 19.101 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.04 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampleId :
3N-15MS

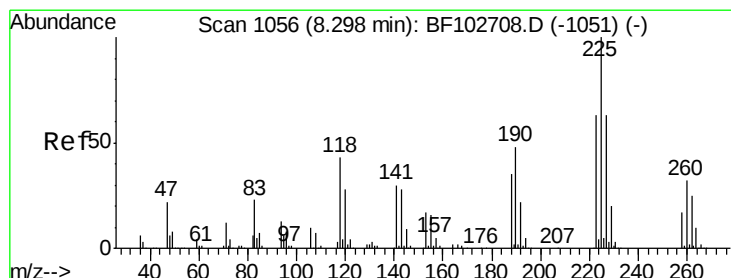
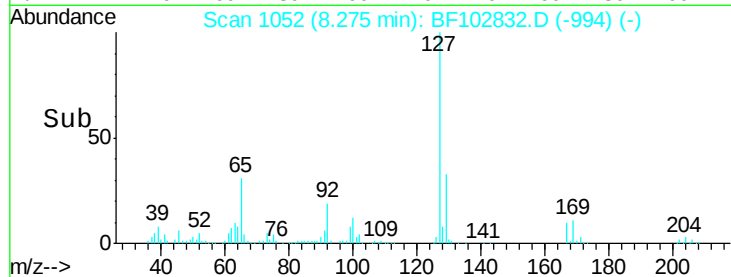
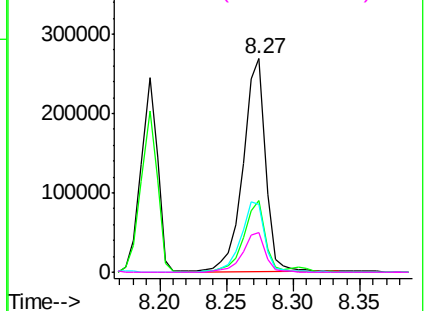
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	25.9	38.9		
65	31.8	25.0	37.4		
92	18.6	15.2	22.8		

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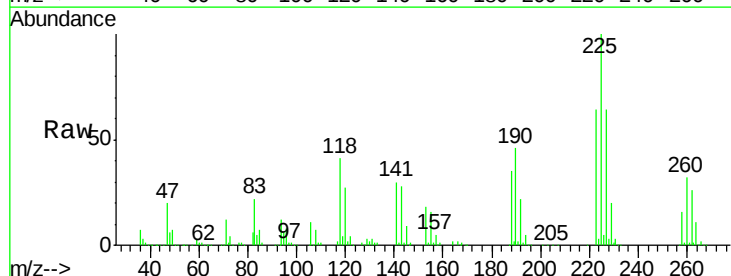


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

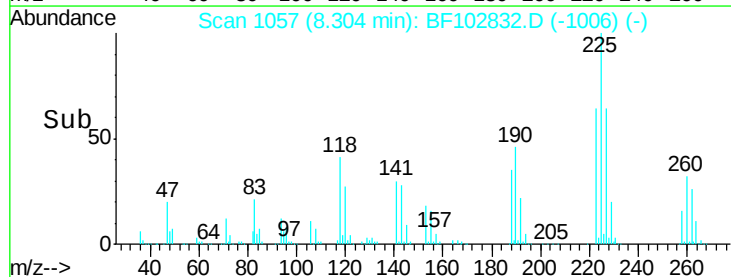
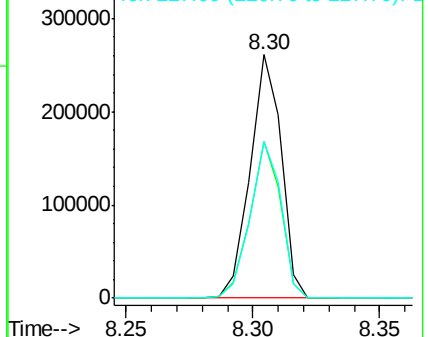


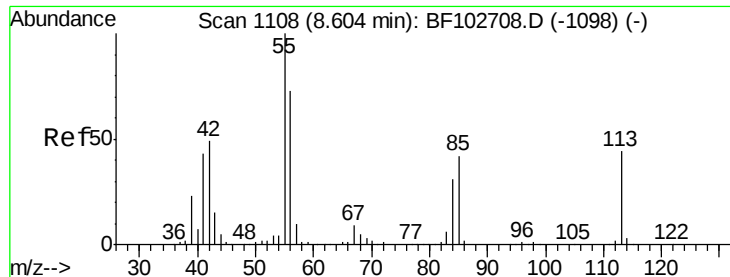
#34
Hexachlorobutadiene
Concen: 38.973 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.3	50.6	76.0		
227	64.2	51.9	77.9		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





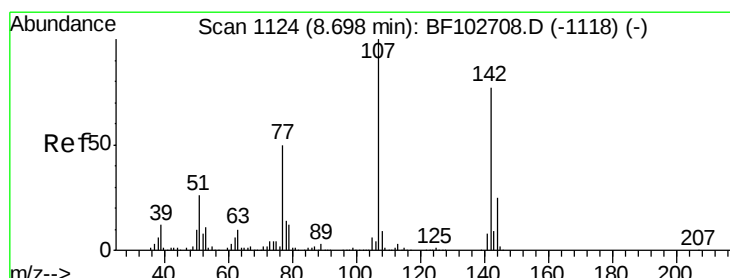
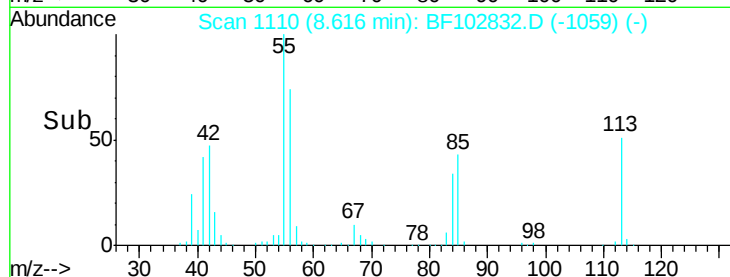
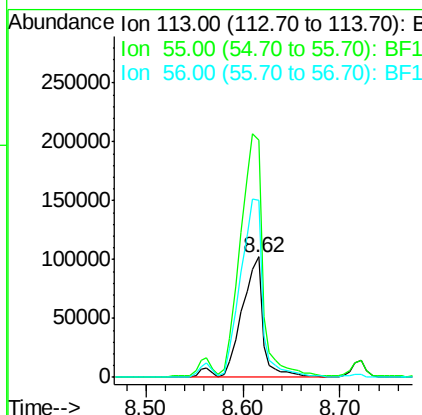
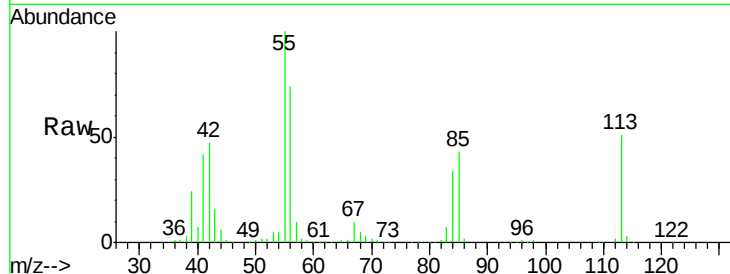
#35
Caprolactam
Concen: 46.786 ng/ml
RT: 8.62 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampled :
3N-15MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	197.7	163.3	203.3
56	147.1	115.7	155.7

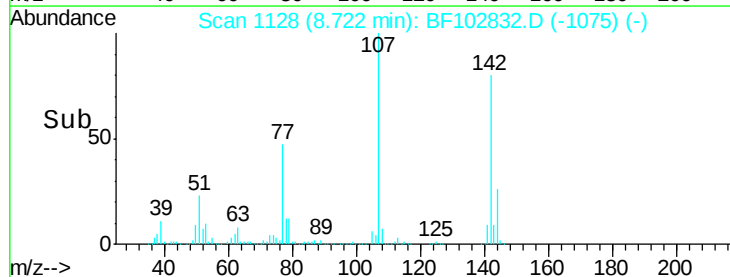
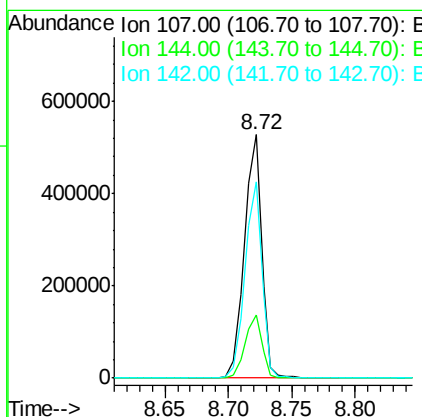
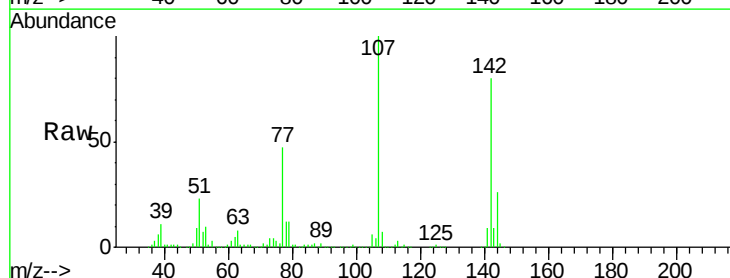
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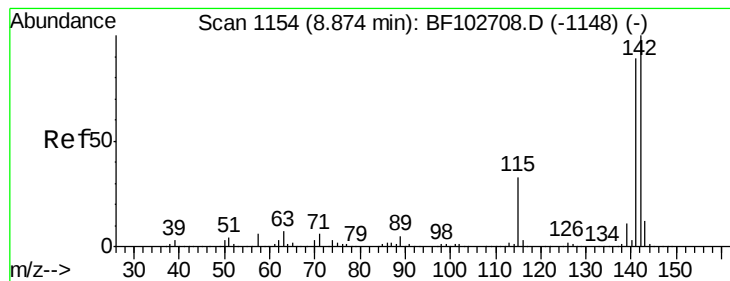
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#36
4-Chloro-3-methylphenol
Concen: 44.948 ng/ml
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.5	30.7
142	80.4	62.0	93.0





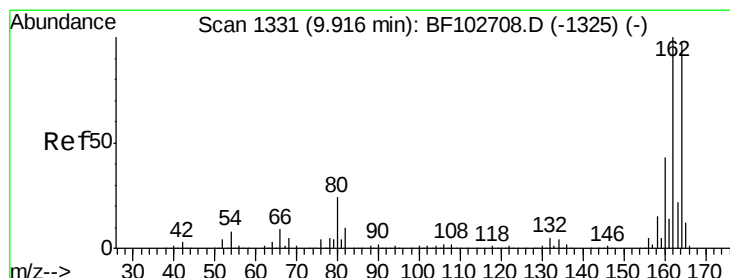
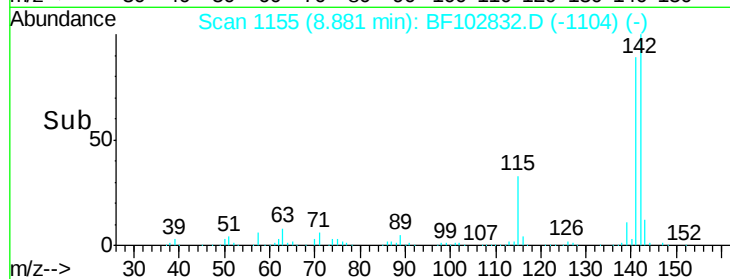
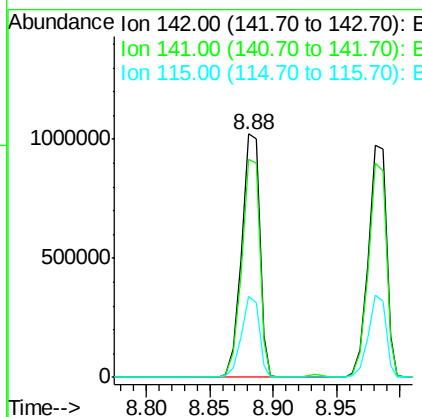
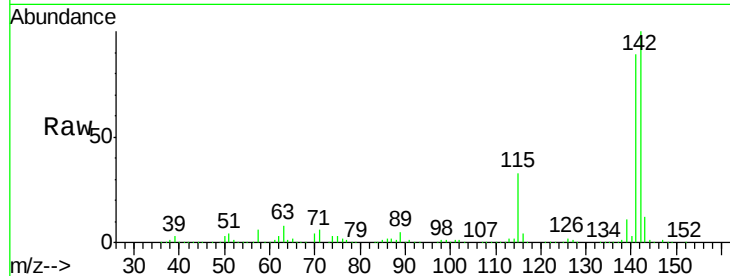
#37
2-Methylnaphthalene
Concen: 40.563 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampled :
3N-15MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	33.0	26.1	39.1

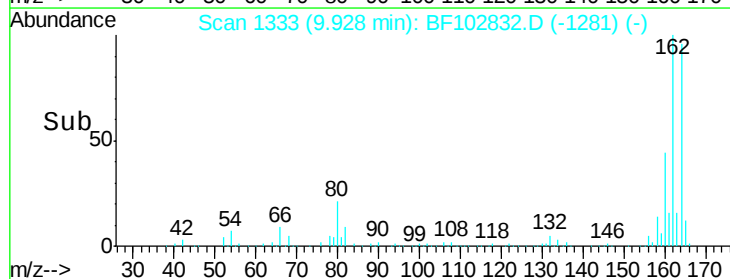
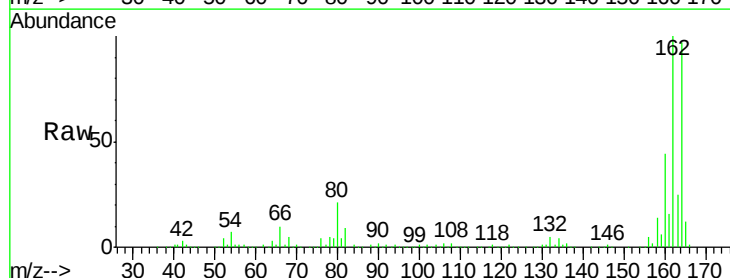
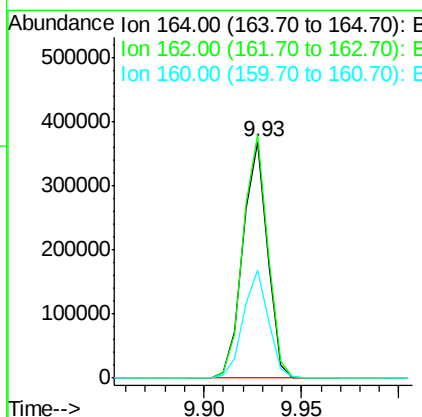
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	45.6	38.3	57.5





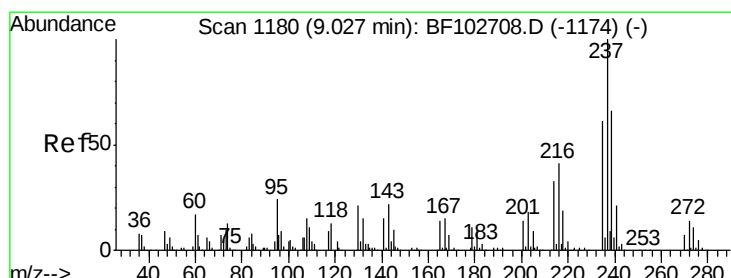
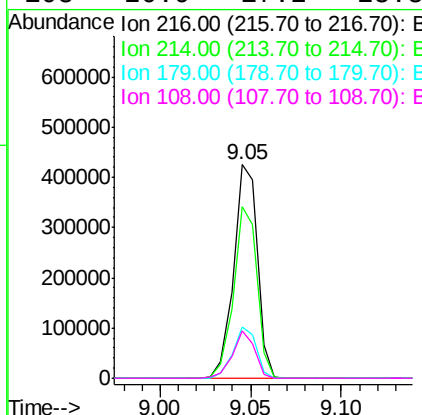
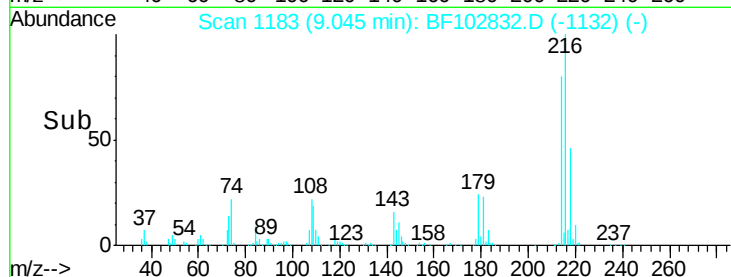
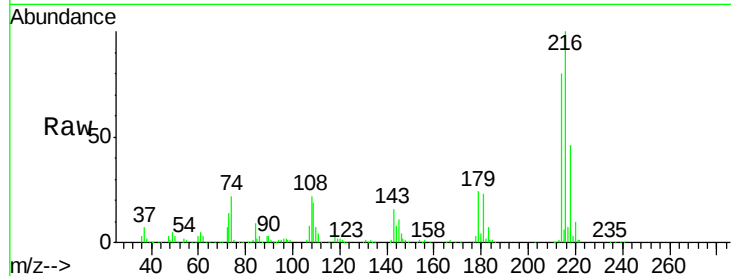
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.269 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Instrument :
 BNA_F
 ClientSampleId :
 3N-15MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		388744		
214	79.2		63.0	94.4	
179	23.3		18.1	27.1	
108	20.9		17.2	25.8	

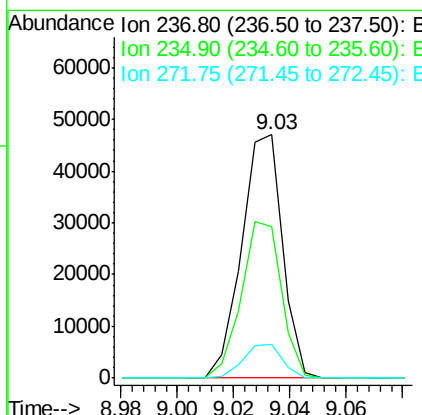
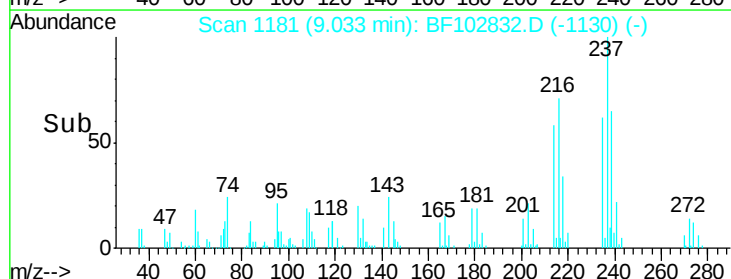
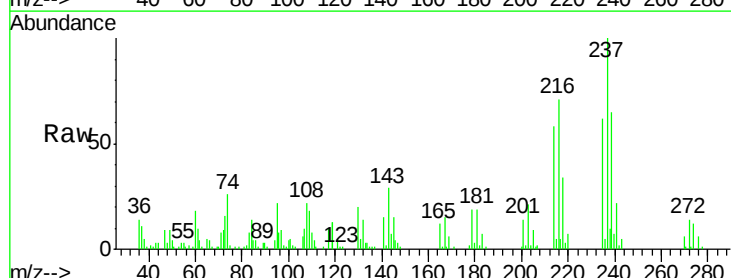
Manual Integrations
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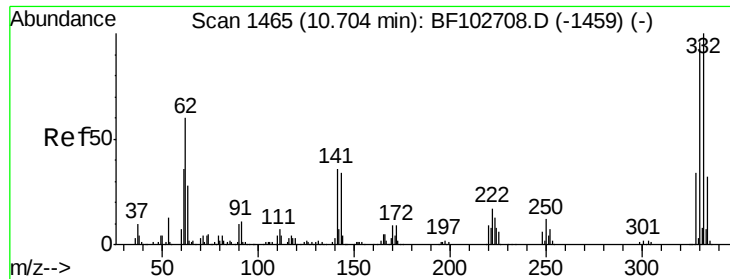
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#40
 Hexachlorocyclopentadiene
 Concen: 11.329 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		47294		
235	62.1		44.8	84.8	
272	14.0		0.0	33.3	





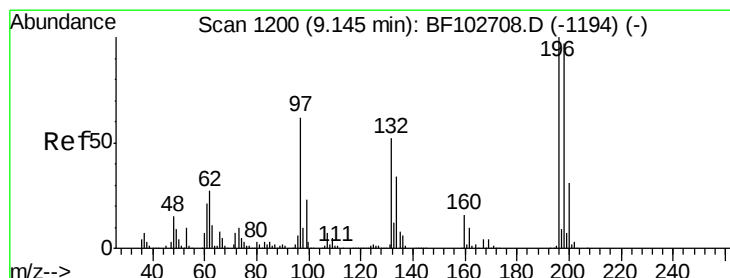
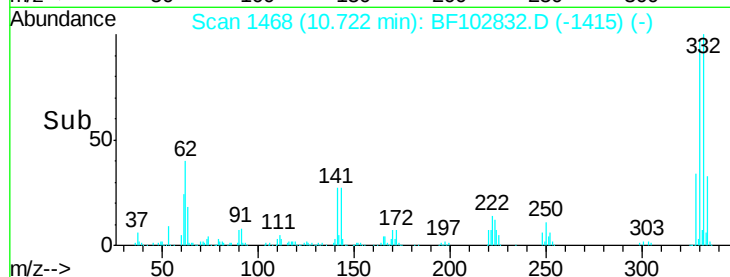
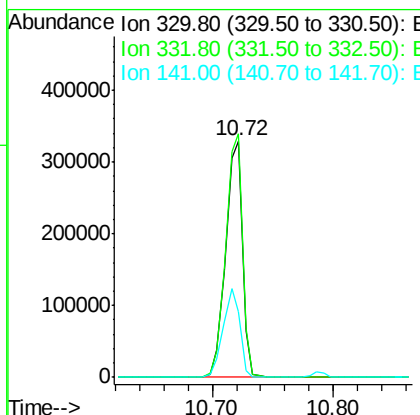
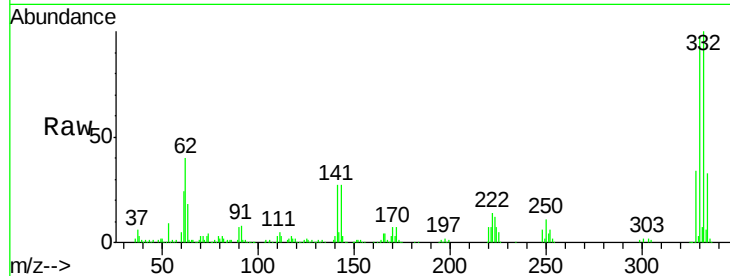
#41
 2,4,6-Tribromophenol
 Concen: 122.537 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Instrument :
 BNA_F
 ClientSampled :
 3N-15MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.6	77.0	115.6	
141	37.2	29.9	44.9	

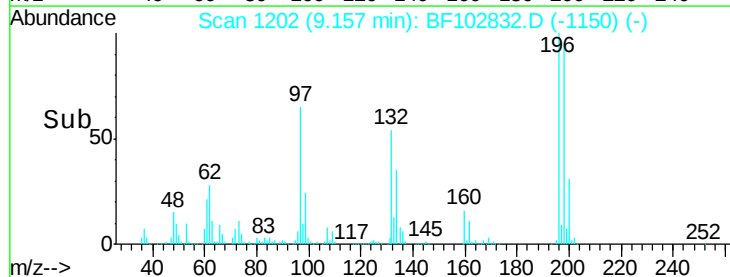
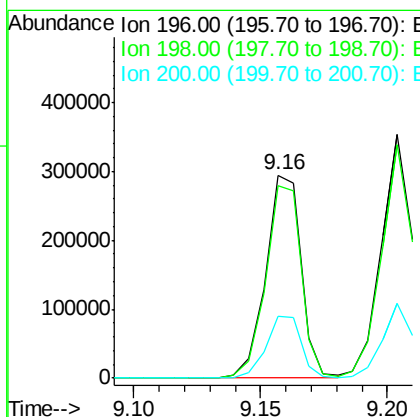
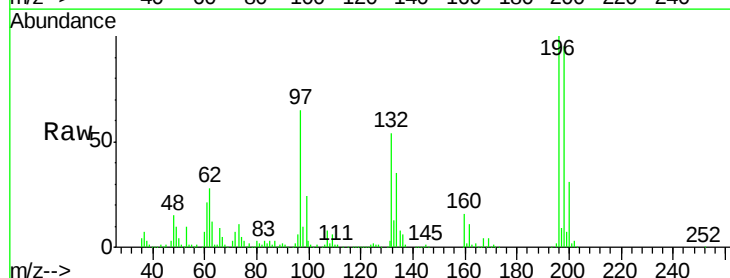
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 49.439 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.7	75.7	113.5	
200	30.6	24.5	36.7	





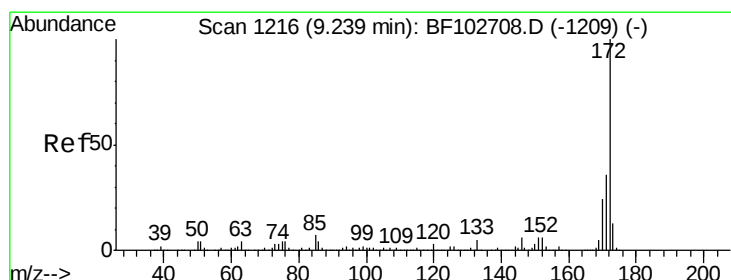
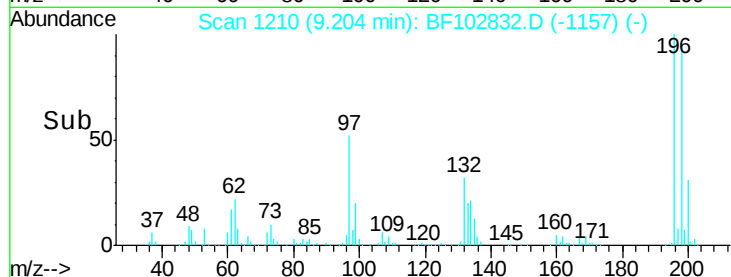
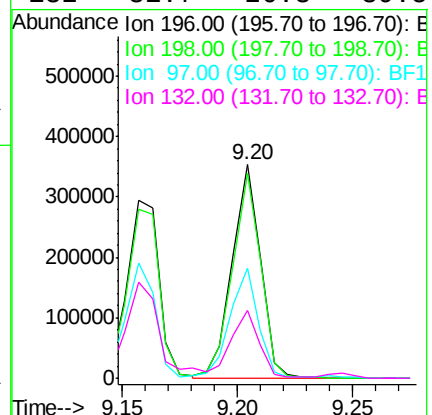
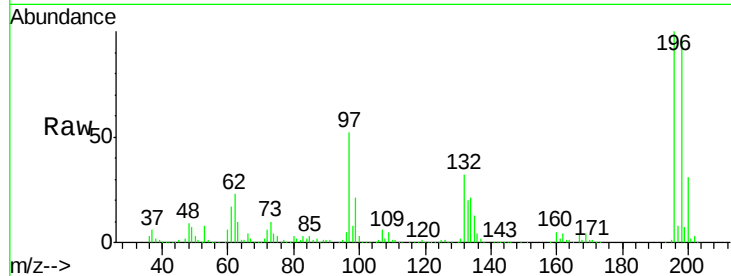
#43
 2,4,5-Trichlorophenol
 Concen: 46.547 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Instrument :
 BNA_F
 ClientSampled :
 3N-15MS

Tot Ion	196	Resp	302599
Ion Ratio	Lower	Upper	
196	100		
198	95.6	74.6	112.0
97	51.7	42.9	64.3
132	31.7	26.3	39.5

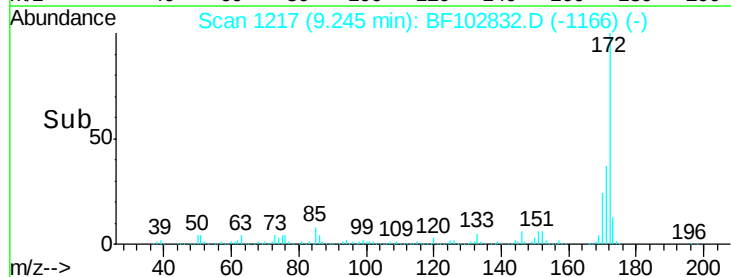
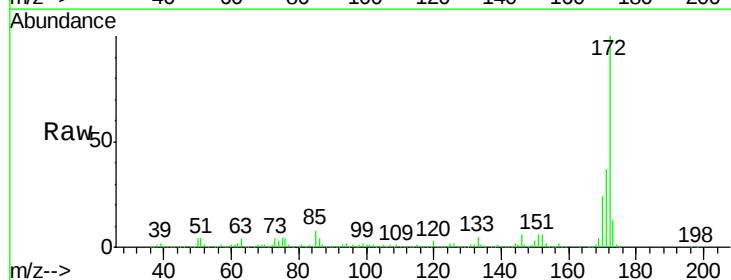
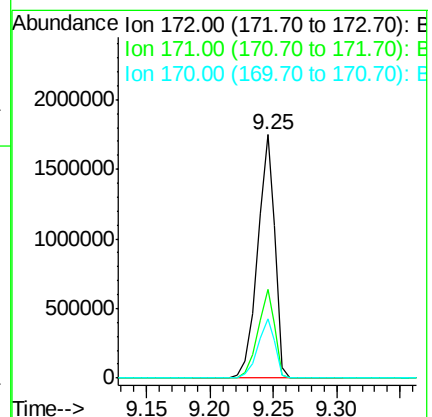
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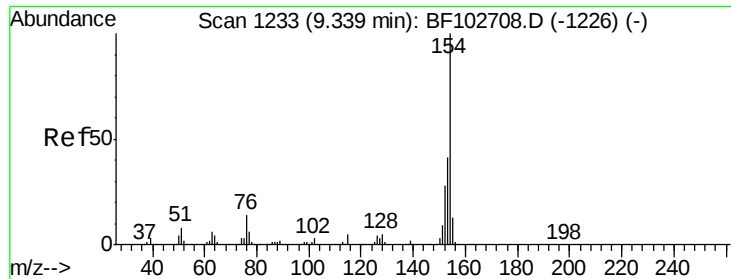
Sohil
 2/8/2018 1:41:45 PM



#44
 2-Fluorobiphenyl
 Concen: 85.849 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Tgt Ion	172	Resp	1668559
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.7	44.5
170	24.4	19.6	29.4





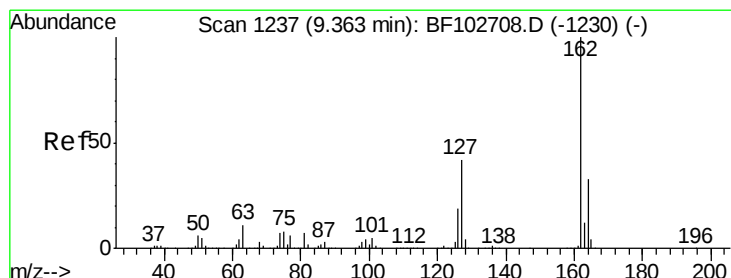
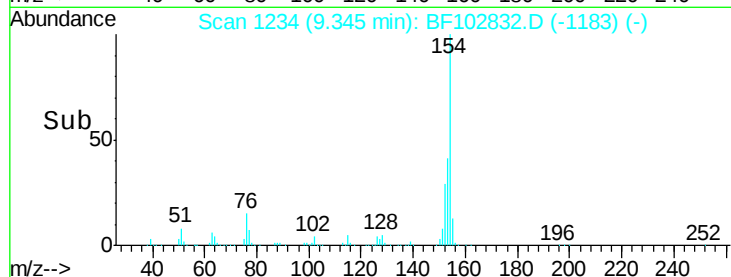
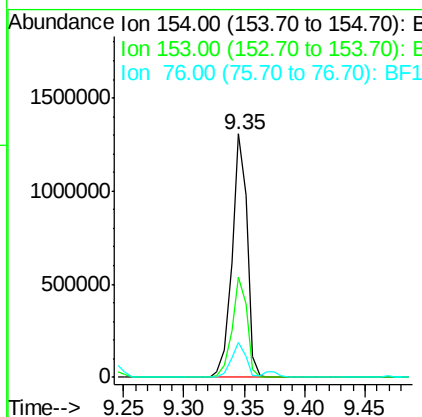
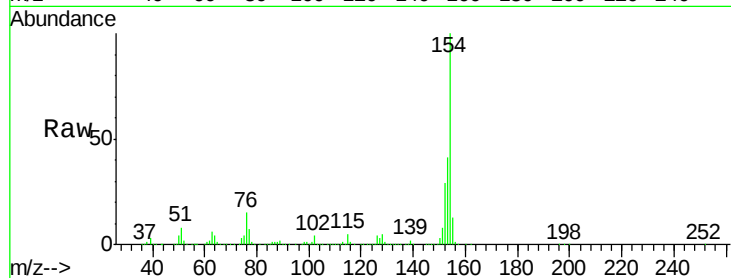
#45
 1,1'-Biphenyl
 Concen: 41.643 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Instrument :
 BNA_F
 ClientSampleId :
 3N-15MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	14.5	0.0	34.0

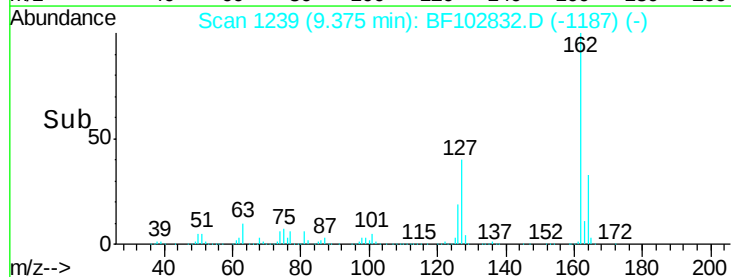
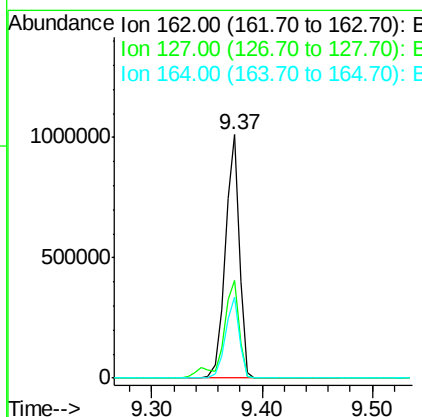
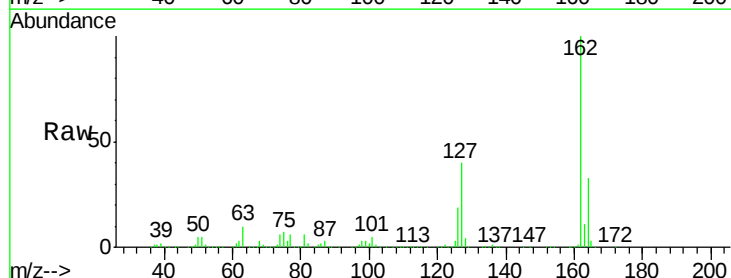
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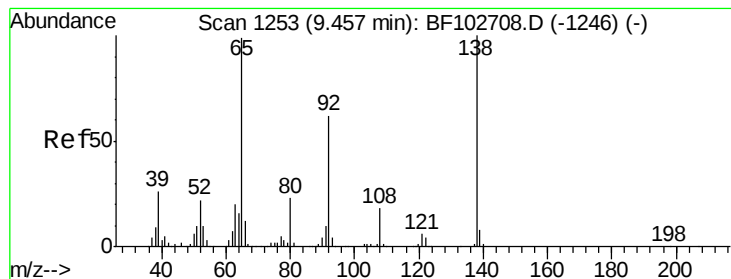
Sohil
 2/8/2018 1:41:45 PM



#46
 2-Chloronaphthalene
 Concen: 42.072 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.9	50.9
164	33.1	26.5	39.7





#47

2-Nitroaniline

Concen: 52.460 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

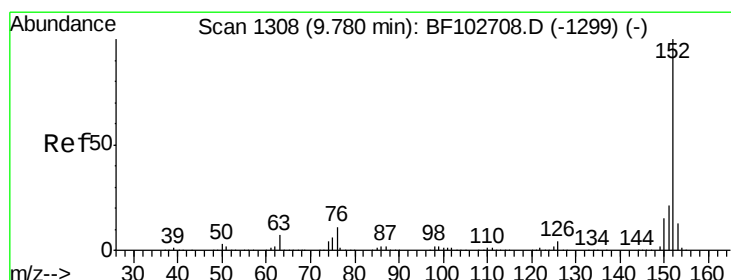
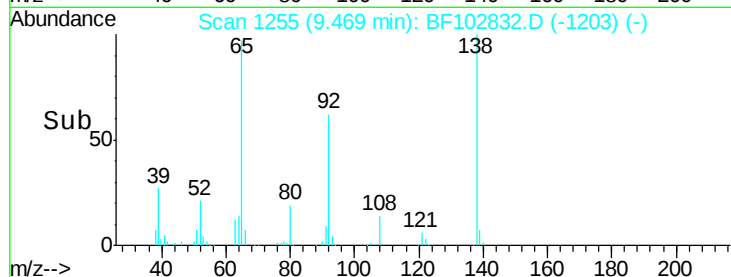
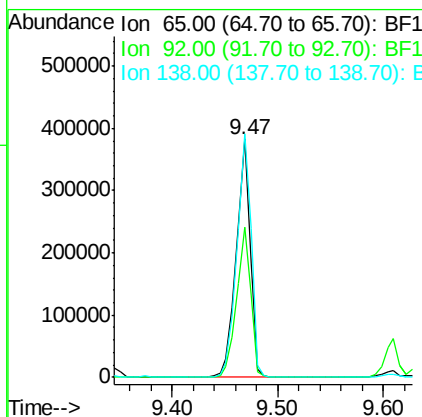
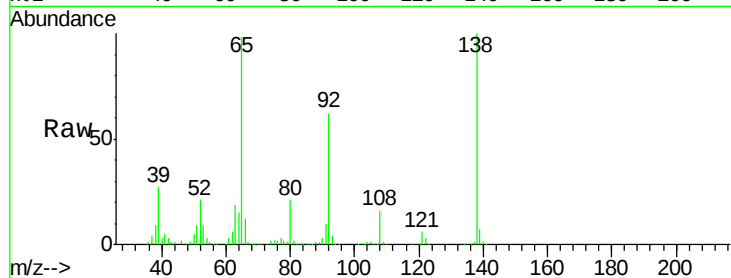
ClientSampled :

3N-15MS

Tot Ion:	65	Resp:	348480
Ion Ratio	Lower	Upper	
65	100		
92	63.1	55.8	83.6
138	102.3	91.2	136.8

Manual Integrations
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#48

Acenaphthylene

Concen: 39.634 ng

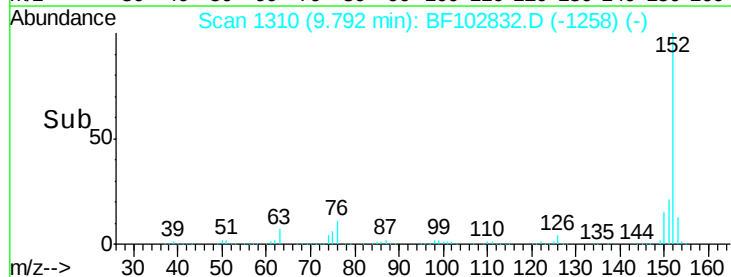
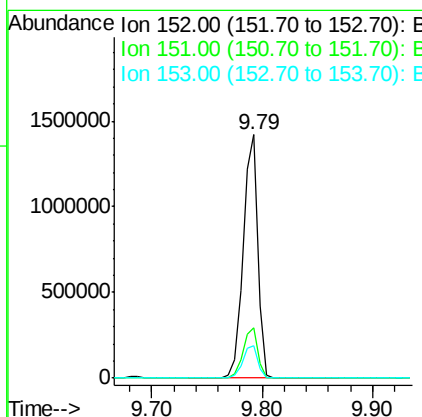
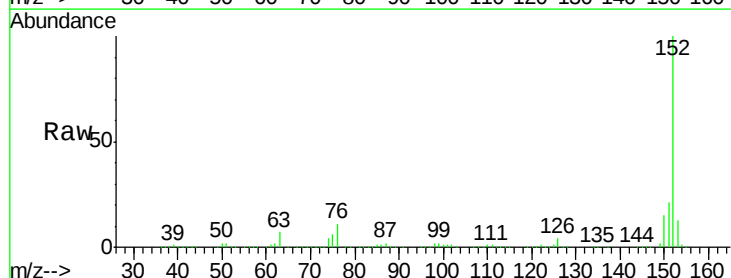
RT: 9.79 min Scan# 1310

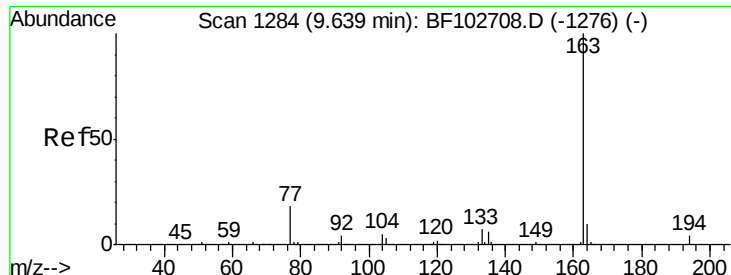
Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Tgt Ion:	152	Resp:	1316445
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	13.1	10.7	16.1





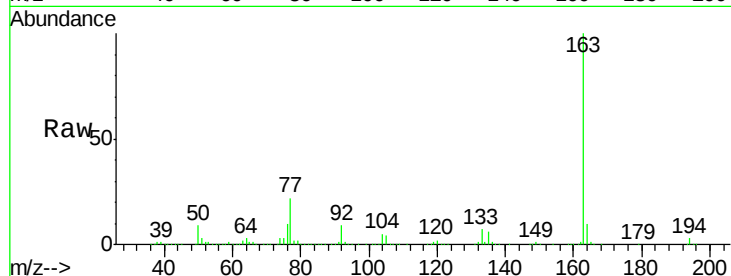
#49
Dimethylphthalate
Concen: 47.672 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampleId :
3N-15MS

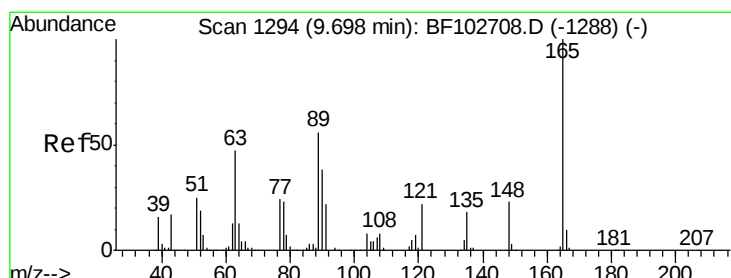
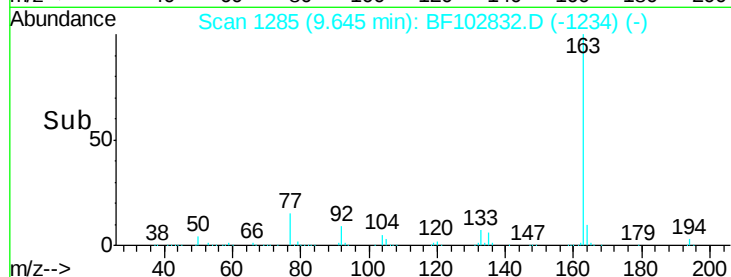
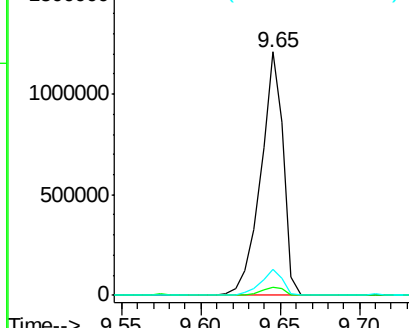
Tot Ion:163 Resp: 1198788
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.5 8.2 12.2

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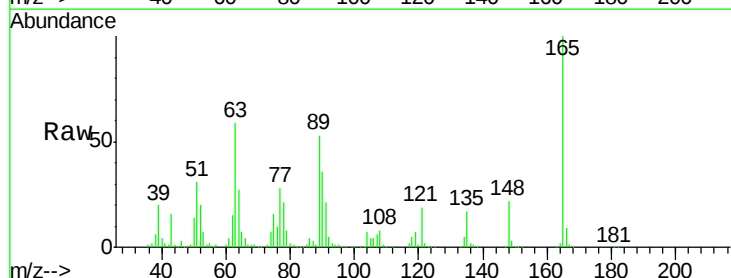


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

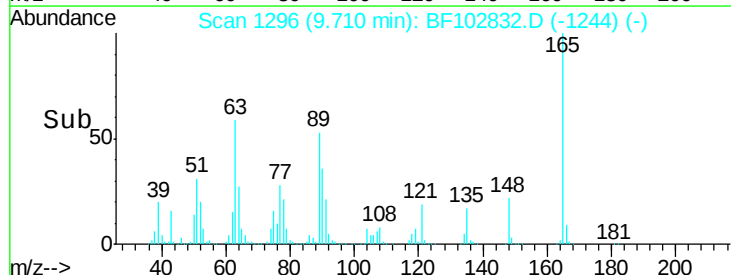
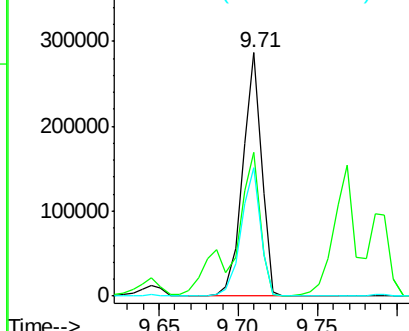


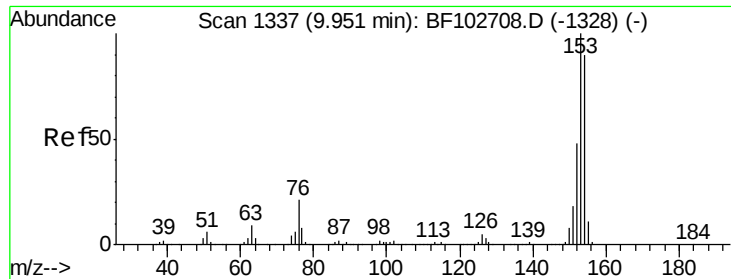
#50
2,6-Dinitrotoluene
Concen: 49.038 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion:165 Resp: 234608
Ion Ratio Lower Upper
165 100
63 59.0 44.7 67.1
89 52.7 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.088 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

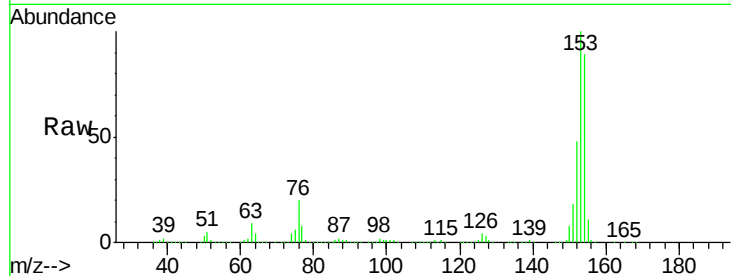
ClientSampled :

3N-15MS

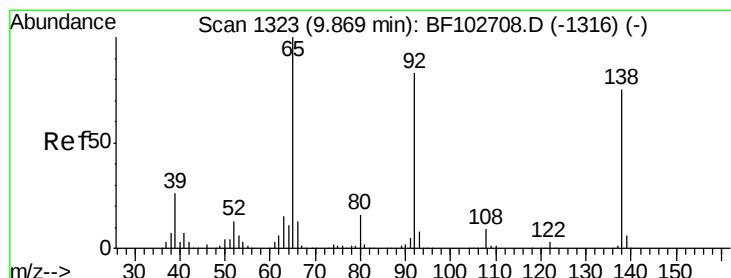
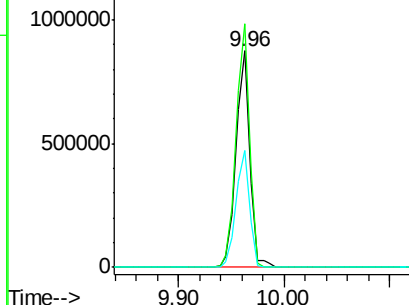
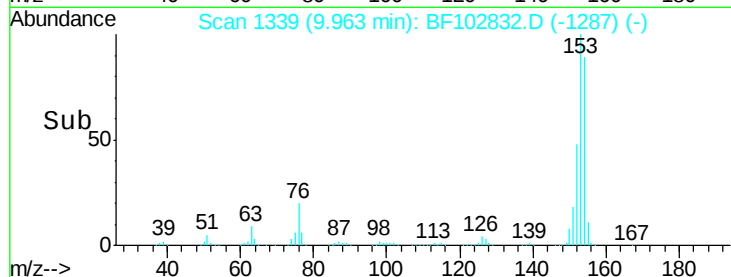
Tot Ion:	154	Resp:	776438
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.2	136.8
152	53.9	43.8	65.8

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



#52

3-Nitroaniline

Concen: 34.414 ng

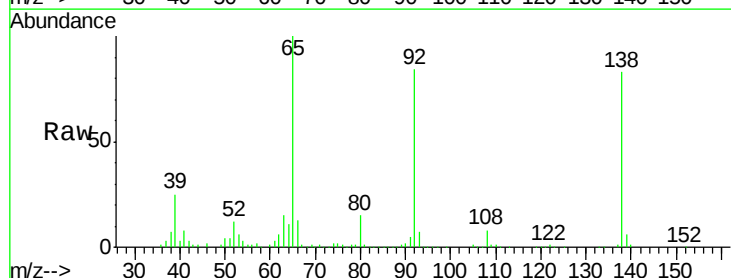
RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

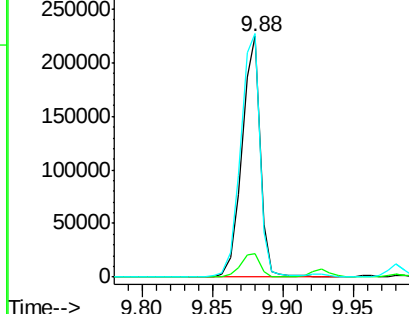
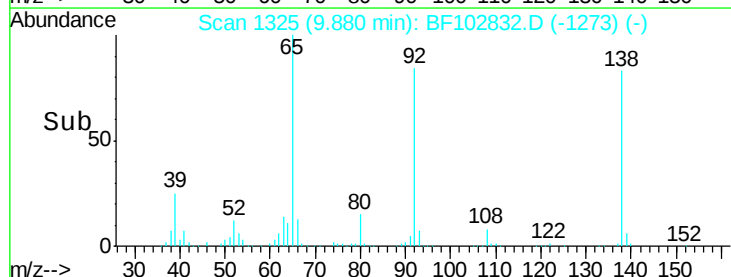
Lab File: BF102832.D

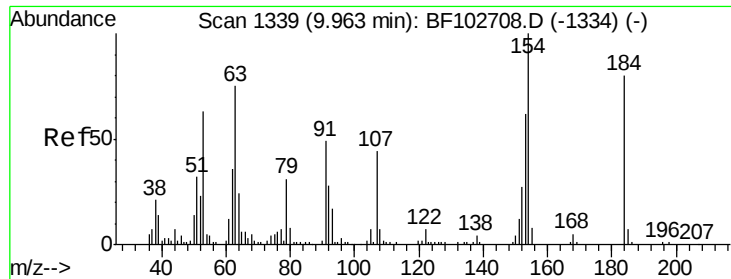
Acq: 7 Feb 2018 23:29

Tgt Ion:	138	Resp:	202584
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.4	14.0
92	101.1	89.4	134.2



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





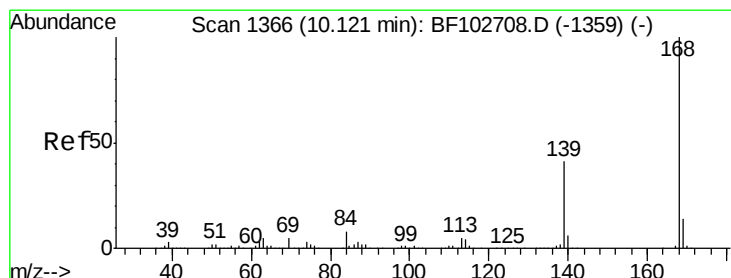
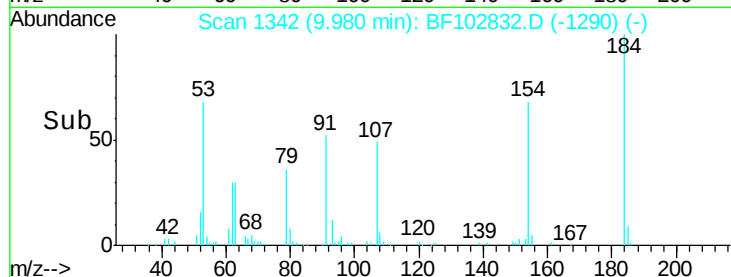
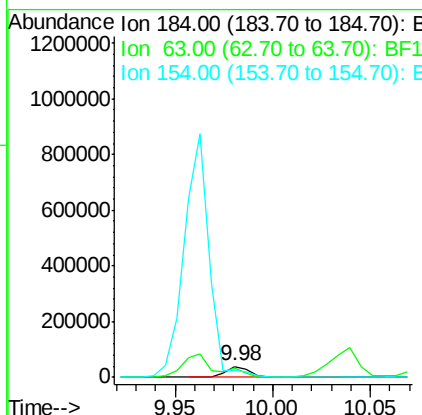
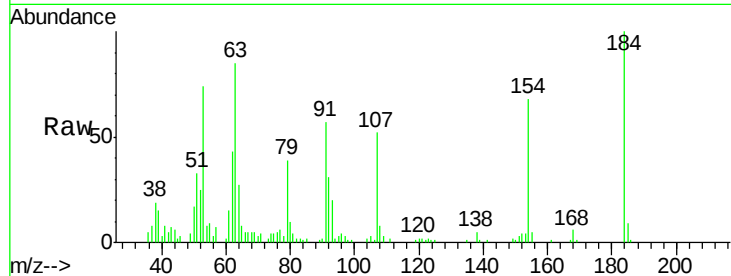
#53
2,4-Dinitrophenol
Concen: 35.878 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampled :
3N-15MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	85.3	54.2	81.2#
154	67.9	184.0	276.0#

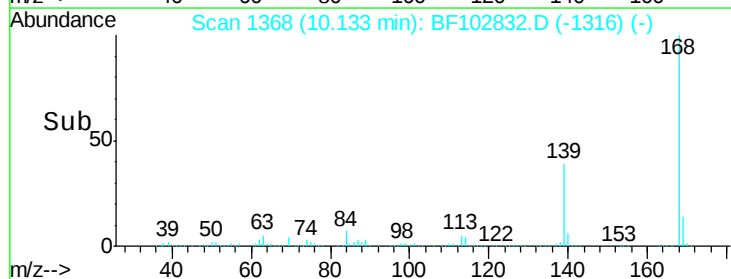
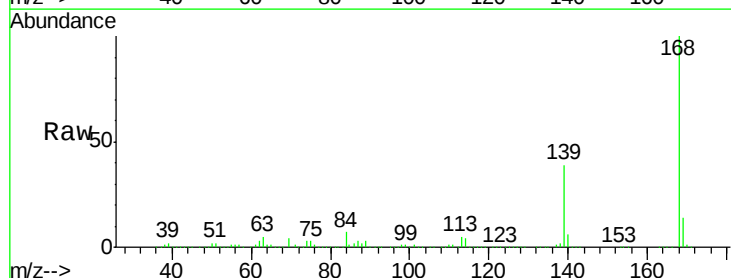
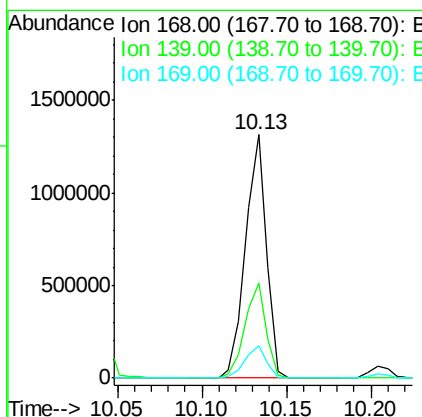
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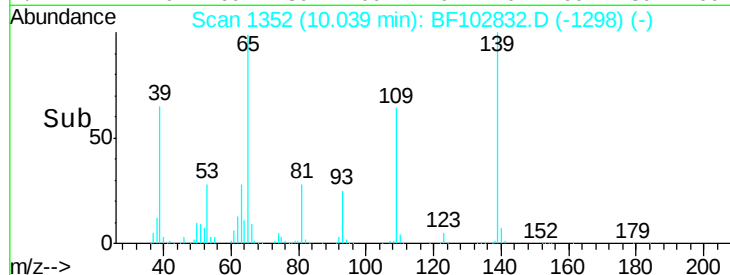
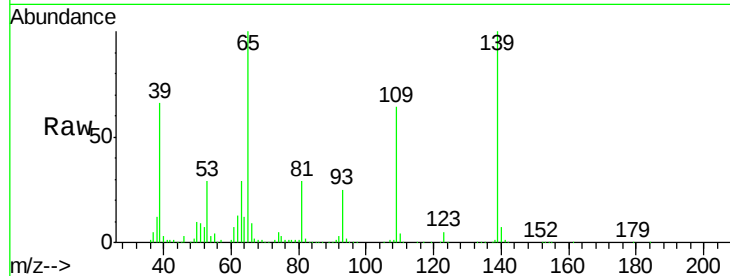
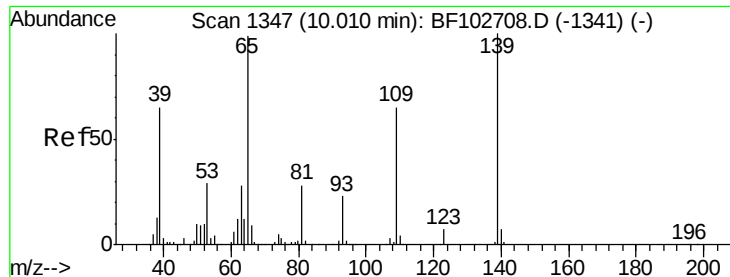
Sohil
2/8/2018 1:41:45 PM



#54
Dibenzofuran
Concen: 40.741 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.1	45.1
169	13.5	10.9	16.3





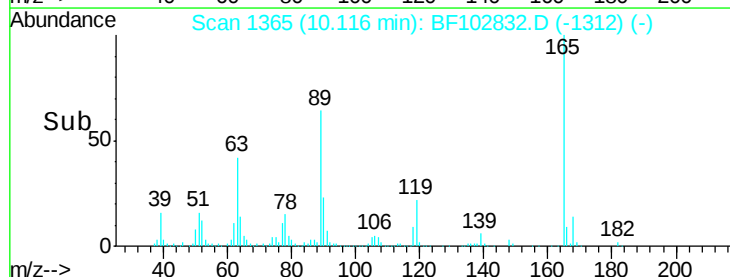
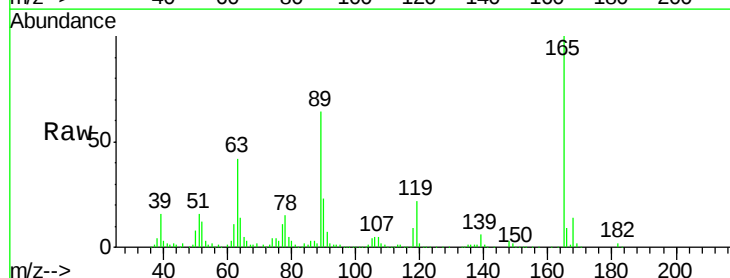
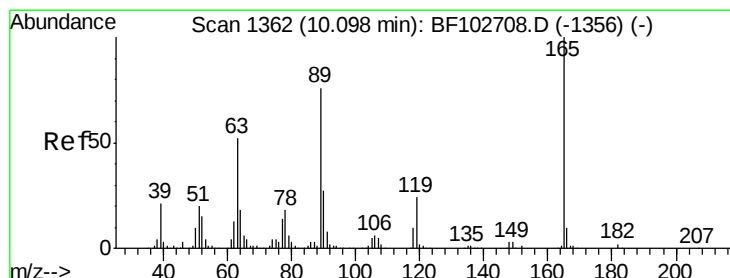
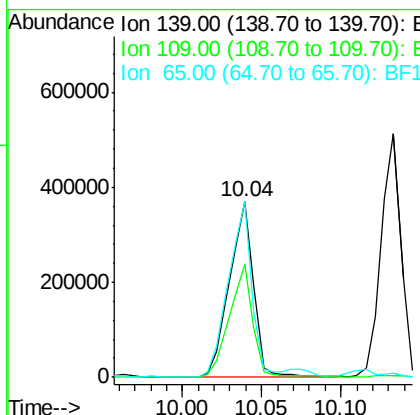
#55
4-Nitrophenol
Concen: 81.612 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampleId :
3N-15MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	395219		
109	64.4	48.4	88.4	
65	99.8	72.6	112.6	

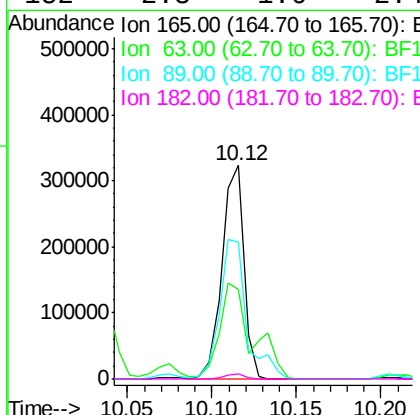
Manual Integrations
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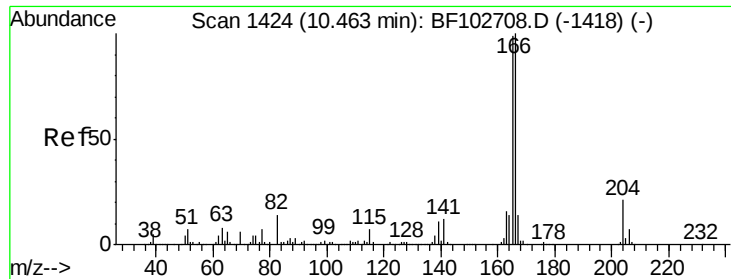
Sohil
2/8/2018 1:41:45 PM



#56
2,4-Dinitrotoluene
Concen: 45.781 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	292772		
63	42.0	36.4	54.6	
89	64.0	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 40.624 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

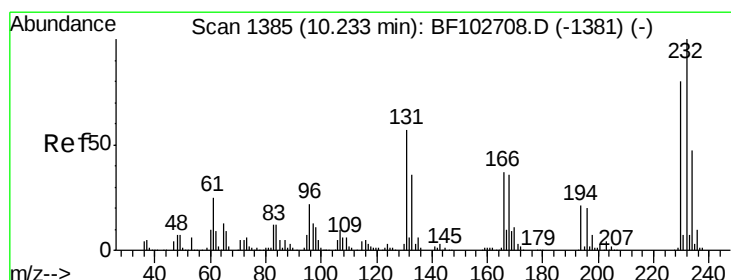
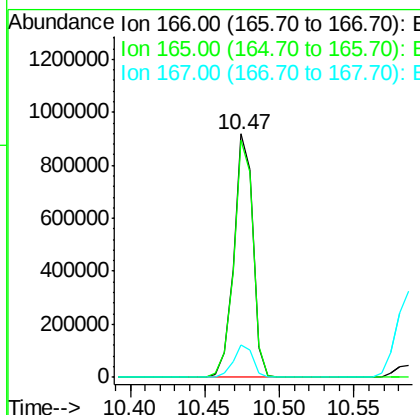
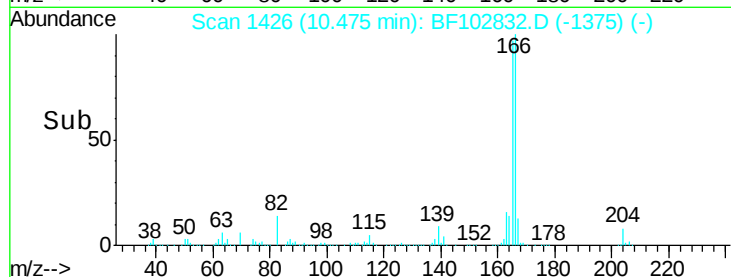
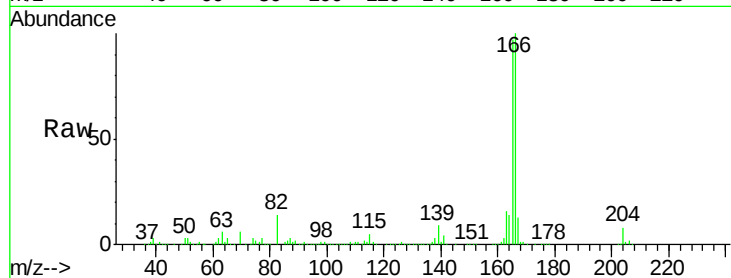
ClientSampleId :

3N-15MS

Tot Ion:	166	Resp:	827400
Ion Ratio	Lower	Upper	
166	100		
165	97.3	79.8	119.8
167	13.4	10.6	16.0

Manual Integrations
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2/8/2018 1:41:45 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.509 ng

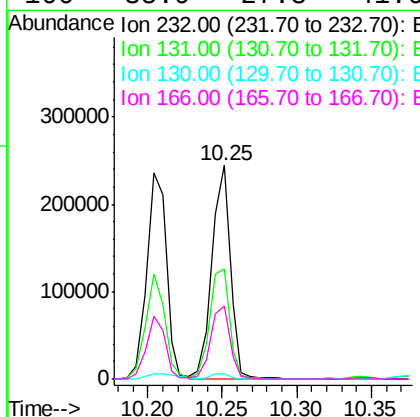
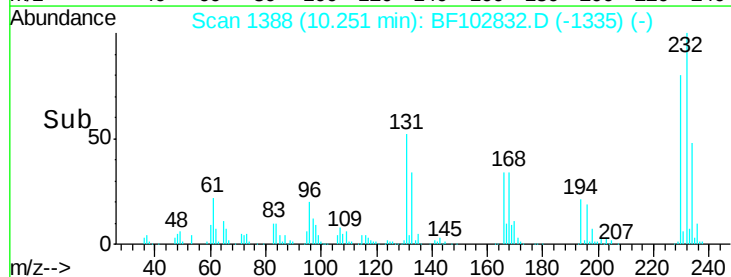
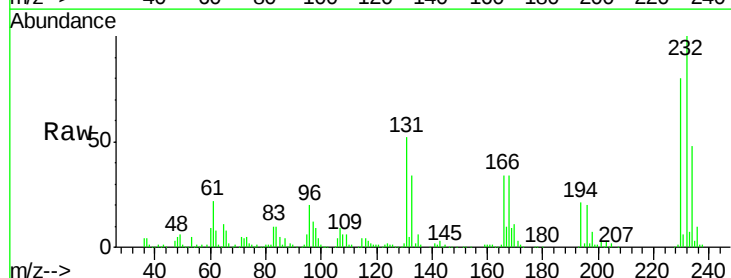
RT: 10.25 min Scan# 1388

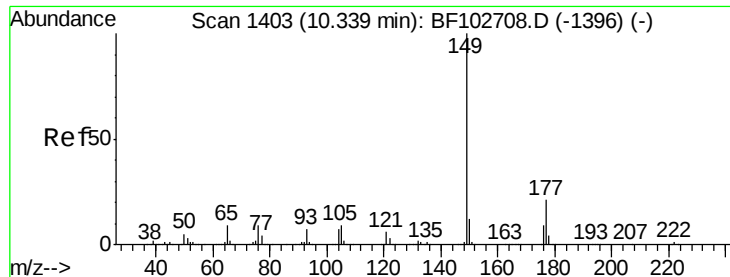
Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Tgt Ion:	232	Resp:	209554
Ion Ratio	Lower	Upper	
232	100		
131	55.6	43.8	65.8
130	2.5	2.1	3.1
166	35.9	27.8	41.6





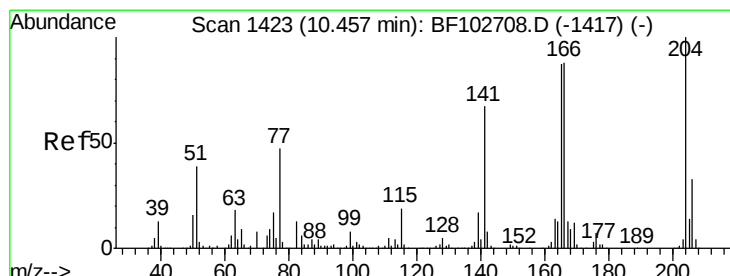
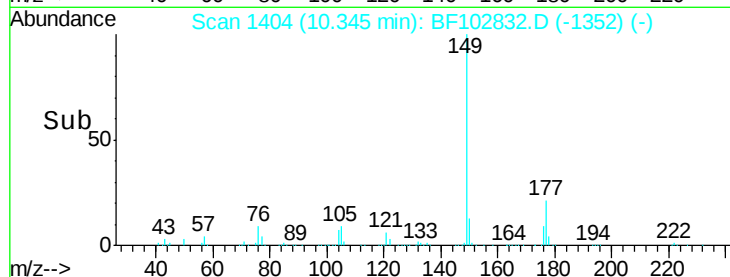
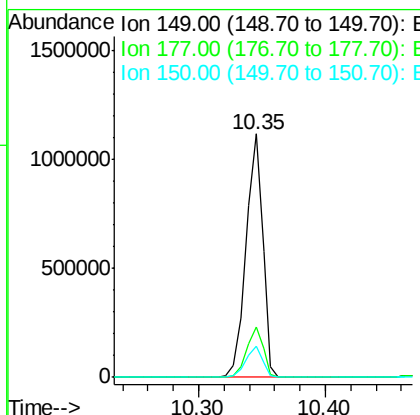
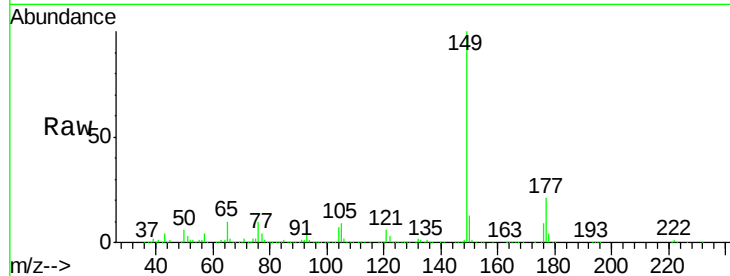
#59
Diethylphthalate
Concen: 40.945 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampled :
3N-15MS

Tot Ion:149 Resp: 1016662
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.8 10.1 15.1

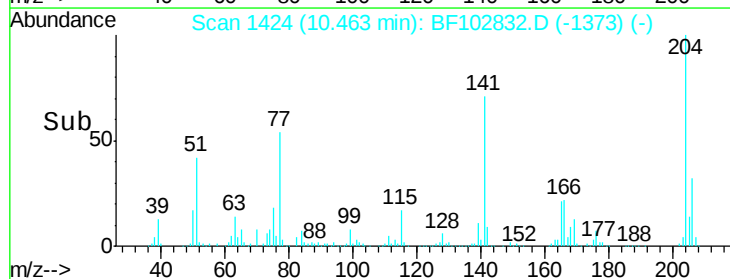
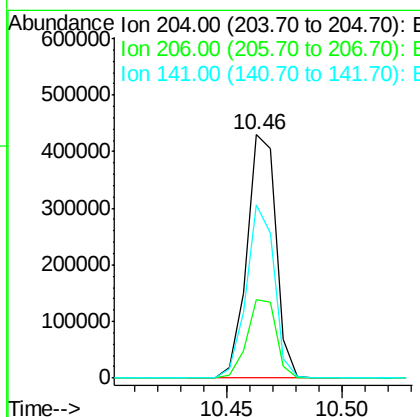
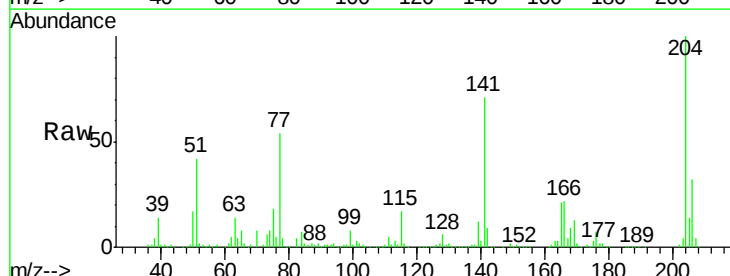
Manual Integrations
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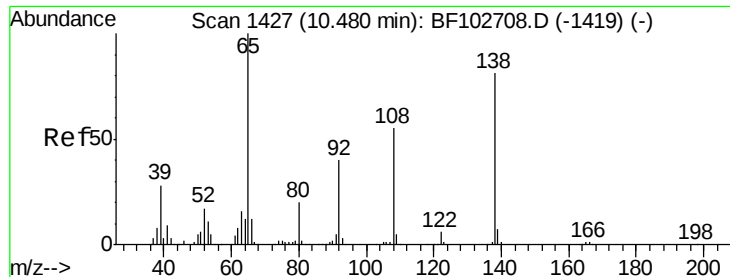
Sohil
2/8/2018 1:41:45 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.150 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion:204 Resp: 379768
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 71.1 54.6 81.8





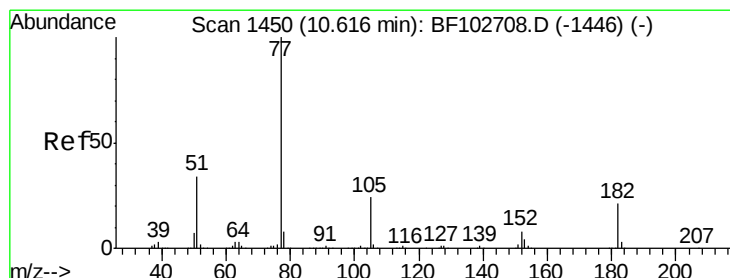
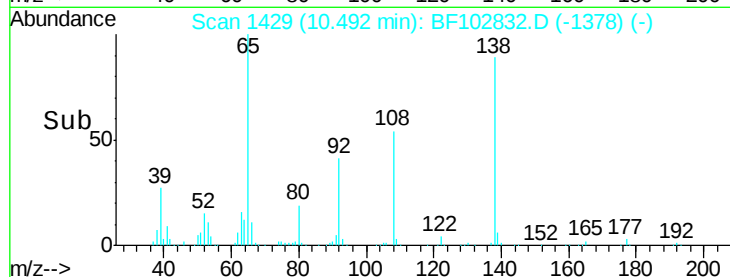
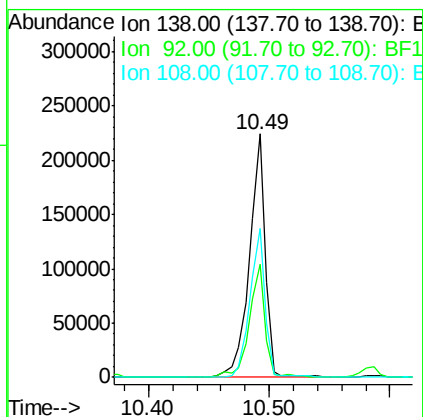
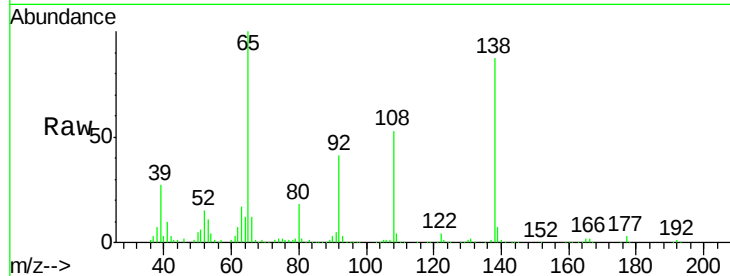
#61
4-Nitroaniline
Concen: 36.980 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampleId :
3N-15MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	207210		
92	46.6	30.2	70.2	
108	60.9	52.5	92.5	

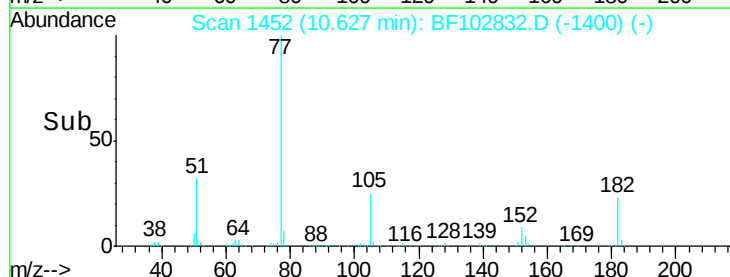
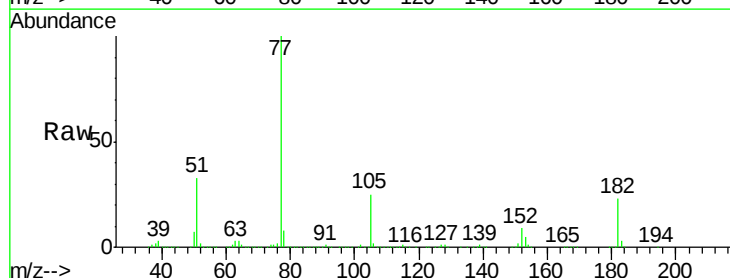
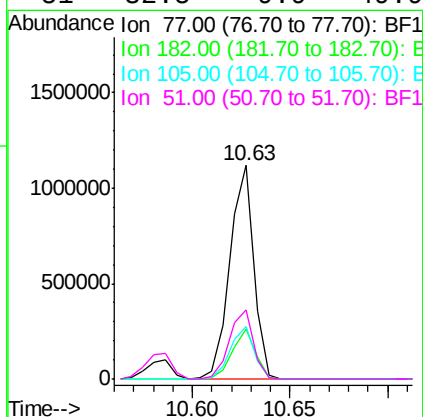
Manual Integrations
APPROVED

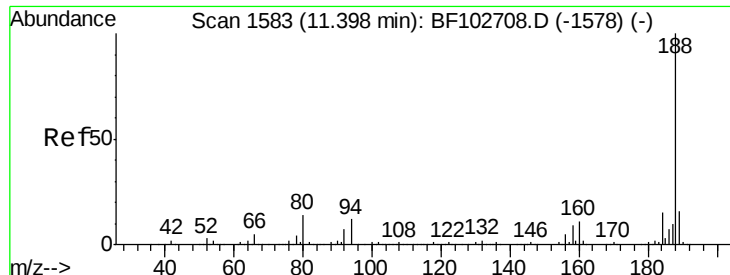
Sohil
2/8/2018 1:41:45 PM



#62
Azobenzene
Concen: 38.126 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	945721		
182	23.5	1.7	41.7	
105	24.9	3.0	43.0	
51	32.5	9.9	49.9	





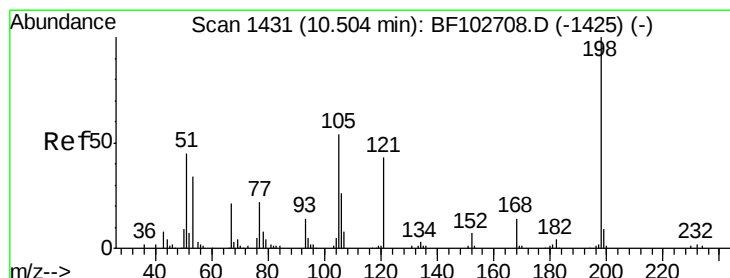
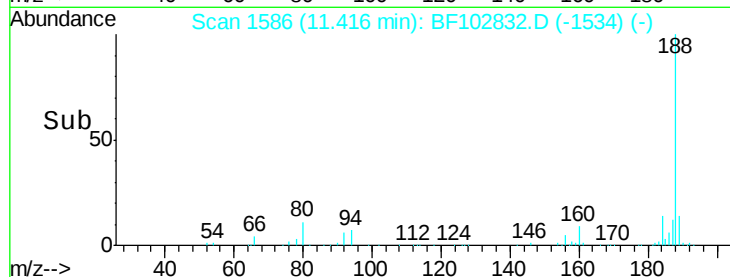
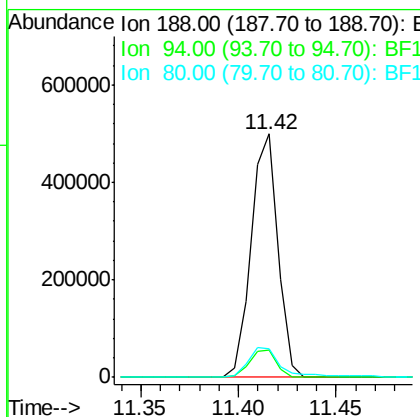
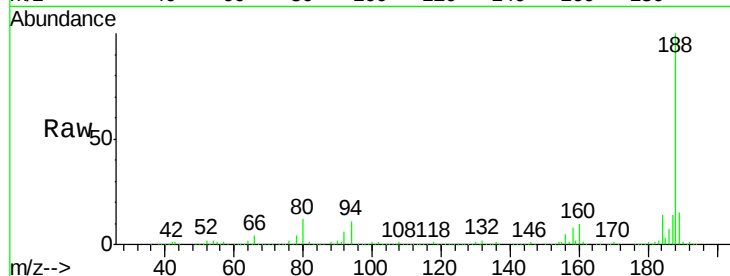
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampleId :
3N-15MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	474344		
94	11.0		8.5	12.7
80	11.8		9.2	13.8

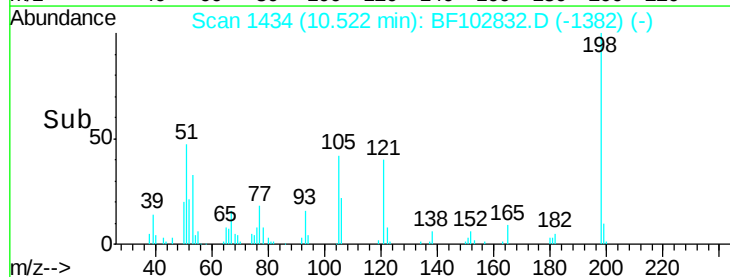
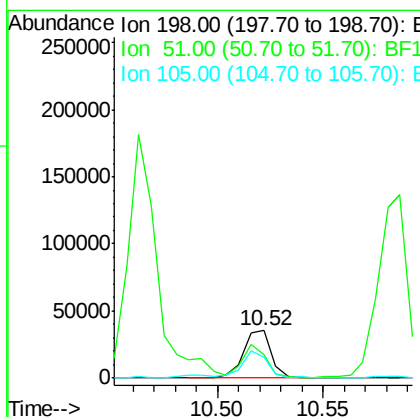
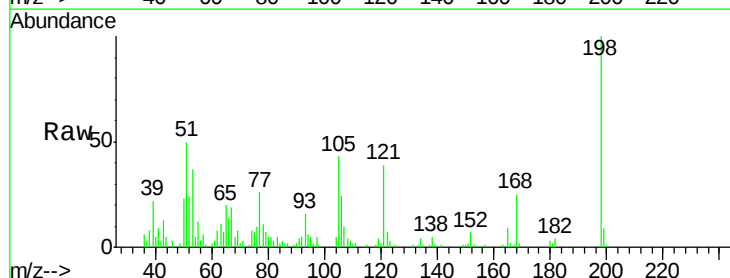
Manual Integrations
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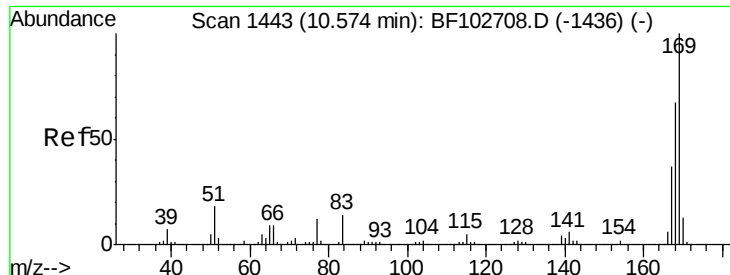
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#64
4,6-Dinitro-2-methylphenol
Concen: 23.174 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	32136		
51	50.2		37.7	77.7
105	42.8		36.3	76.3





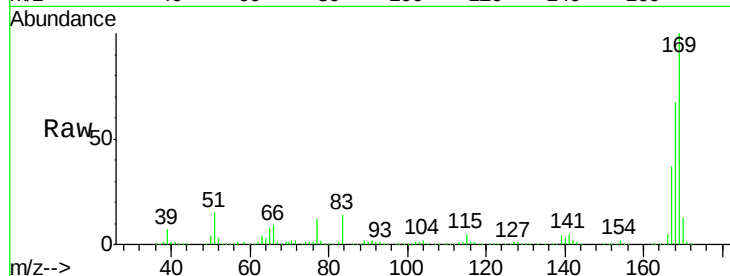
#65
n-Nitrosodiphenylamine
Concen: 46.307 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampleId :
3N-15MS

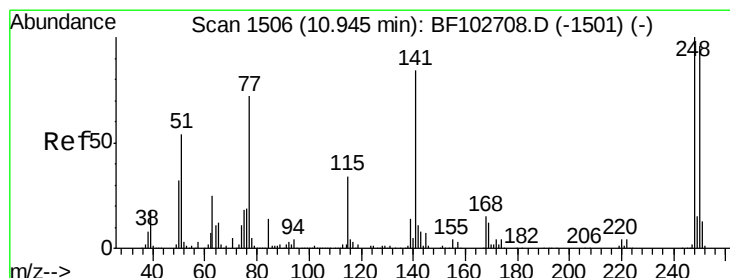
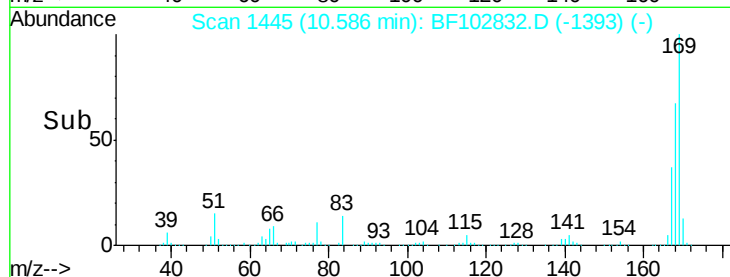
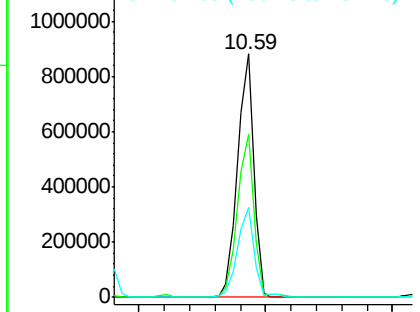
Tot Ion	Ratio	Resp	Lower	Upper
169	100	774788		
168	66.8		54.4	81.6
167	36.9		29.8	44.6

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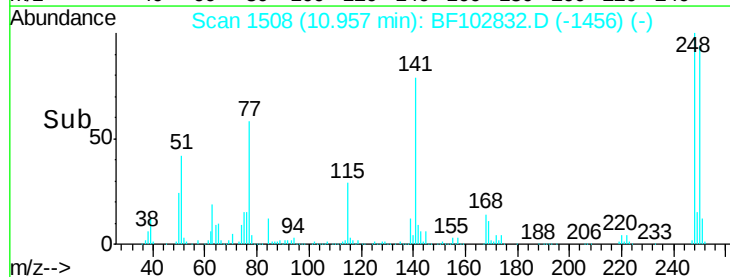
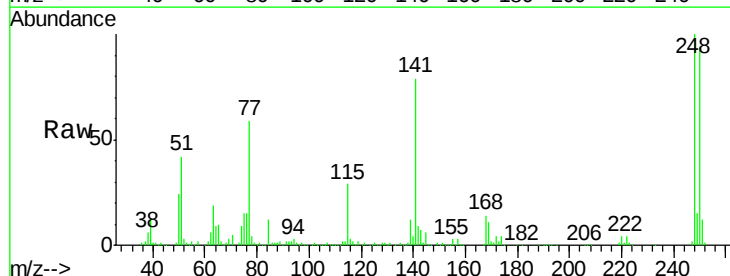
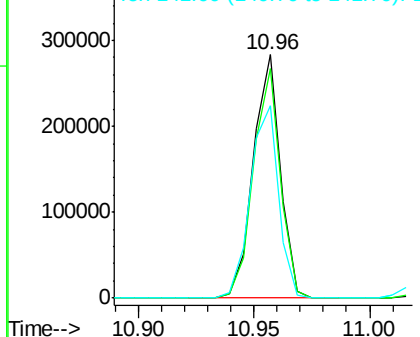
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

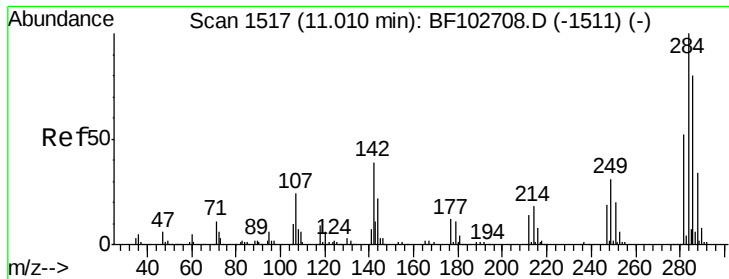


#66
4-Bromophenyl-phenylether
Concen: 46.199 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	231814		
250	94.2		76.9	115.3
141	79.0		74.4	111.6

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





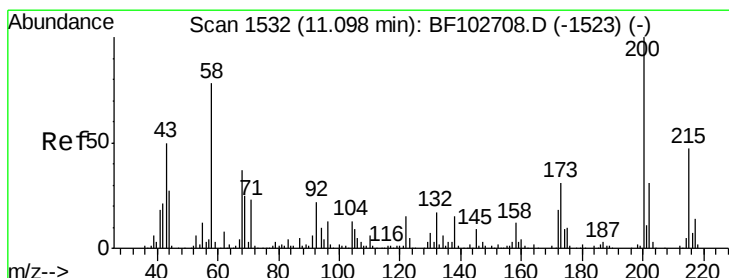
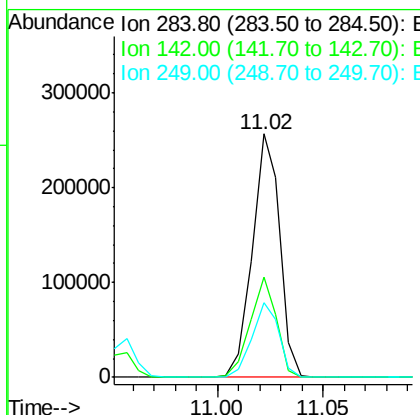
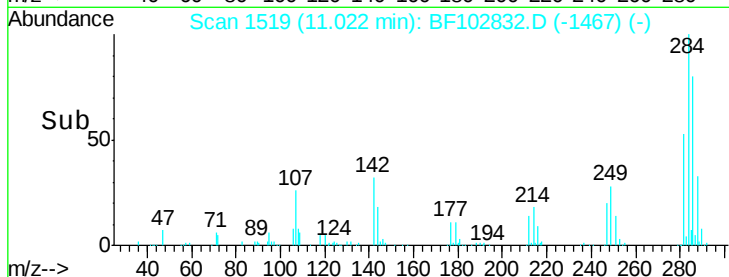
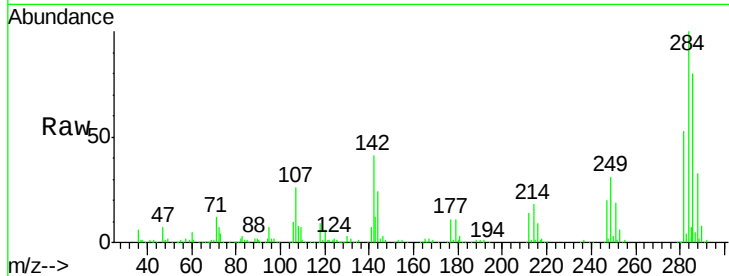
#67
Hexachlorobenzene
Concen: 41.875 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampleId :
3N-15MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	231797		
142	41.2	34.6	52.0	
249	30.9	24.8	37.2	

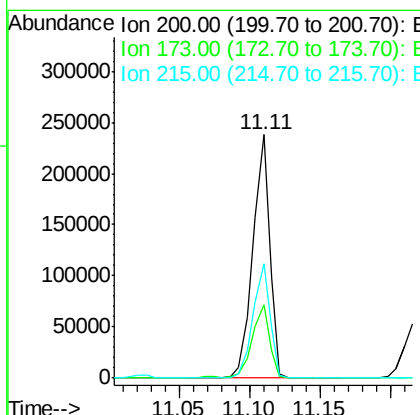
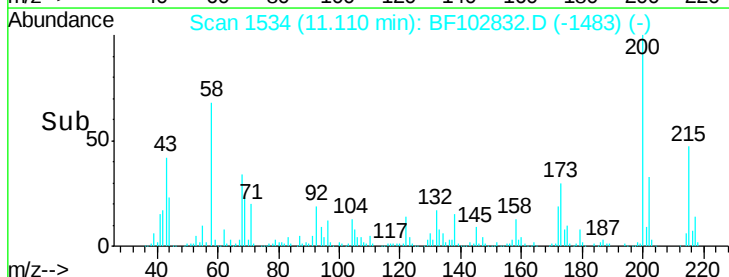
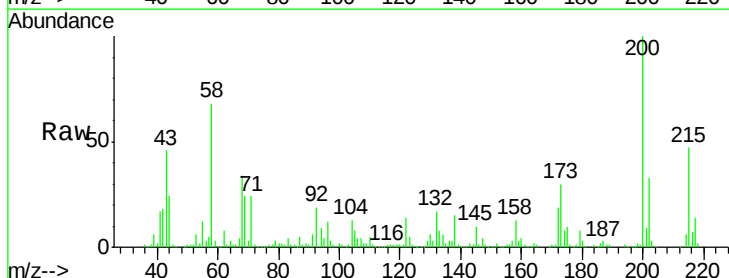
Manual Integrations
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#68
Atrazine
Concen: 40.978 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	202266		
173	30.2	8.6	48.6	
215	46.7	25.1	65.1	





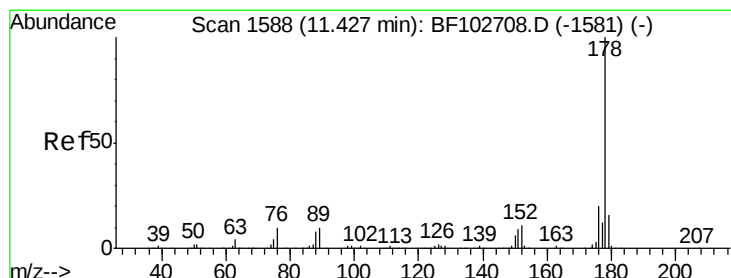
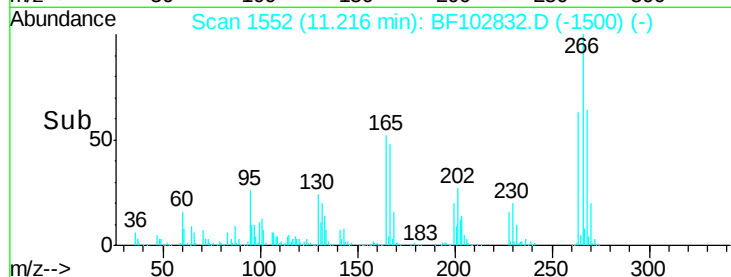
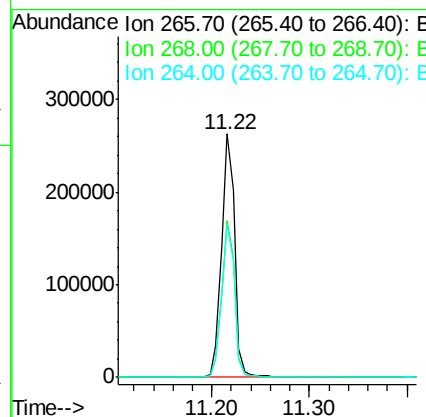
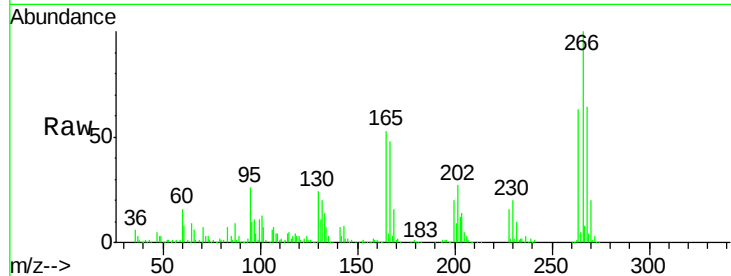
#69
 Pentachlorophenol
 Concen: 75.951 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Instrument :
 BNA_F
 ClientSampleId :
 3N-15MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	246796		
268	64.2	51.1	76.7	
264	62.6	49.5	74.3	

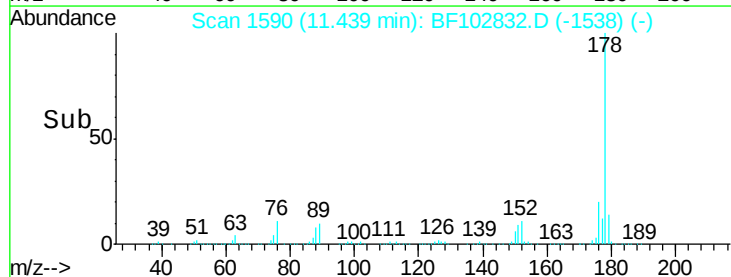
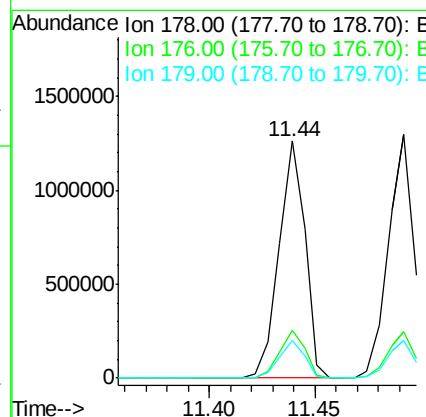
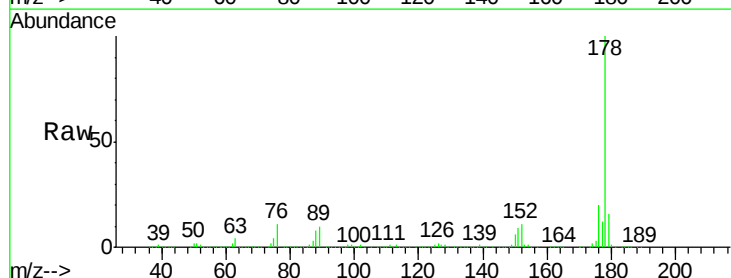
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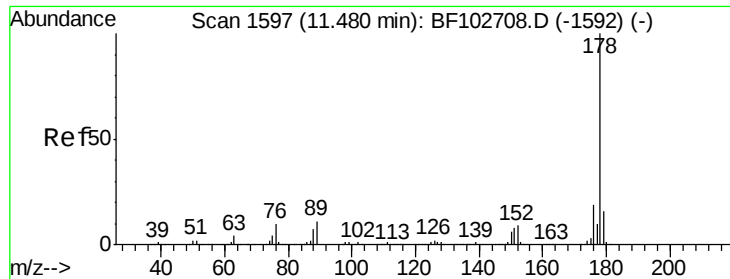
Sohil
 2/8/2018 1:41:45 PM



#70
 Phenanthrene
 Concen: 41.027 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1083844		
176	20.1	15.8	23.8	
179	15.7	13.0	19.6	





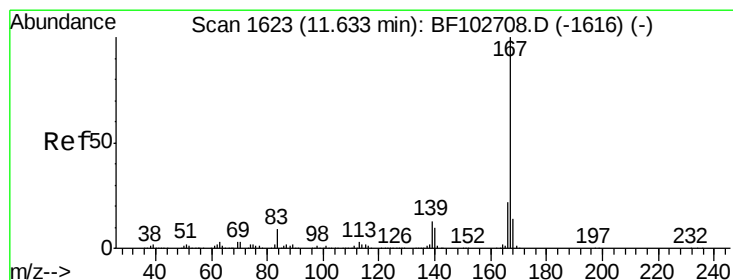
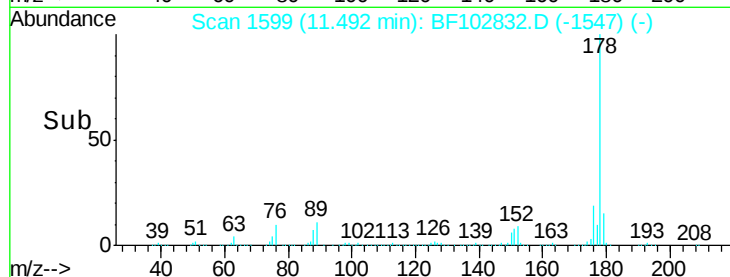
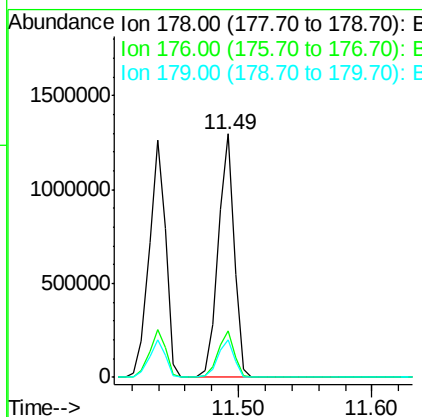
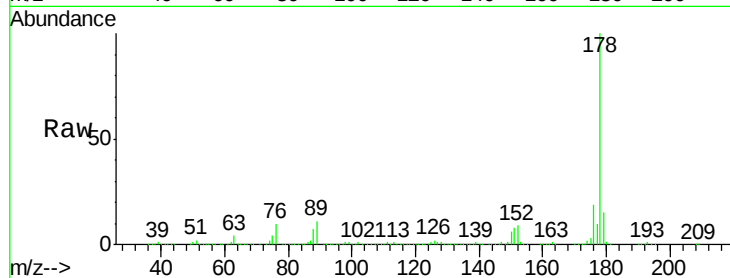
#71
 Anthracene
 Concen: 41.014 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Instrument :
 BNA_F
 ClientSampleId :
 3N-15MS

Tot Ion:178 Resp: 1102016
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.4 12.6 19.0

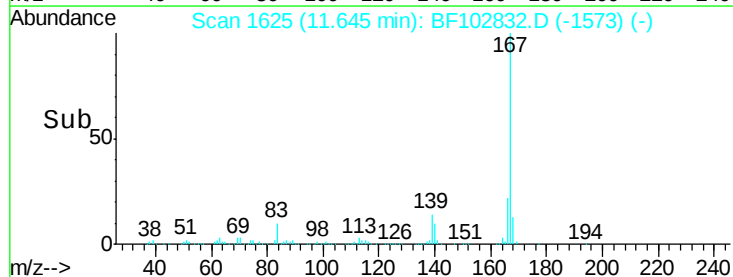
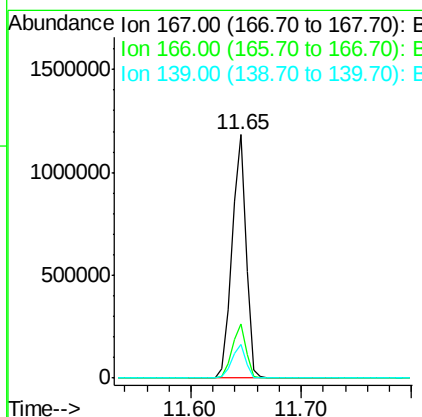
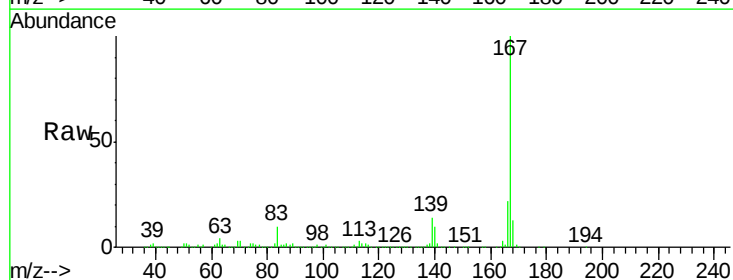
Manual Integrations
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#72
 Carbazole
 Concen: 40.462 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Tgt Ion:167 Resp: 1065118
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.180 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

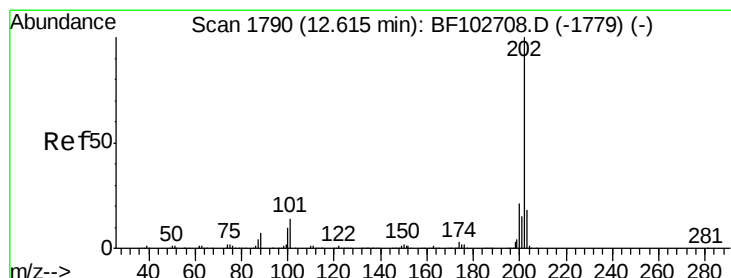
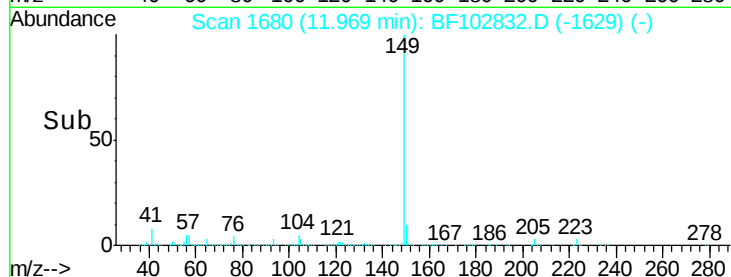
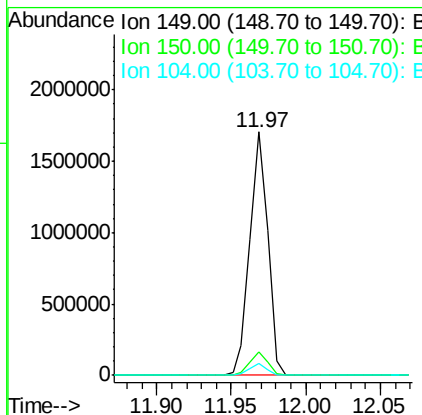
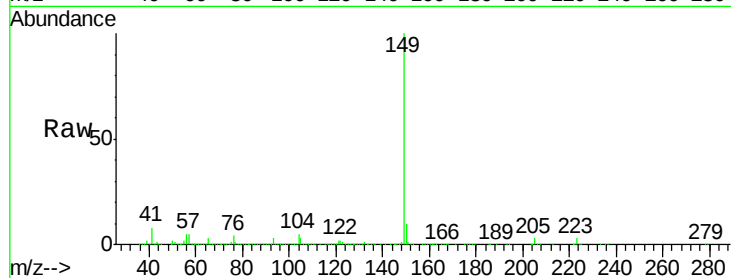
ClientSampleId :

3N-15MS

Tot Ion:	149	Resp:	1412728
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.8	3.8	5.8

Manual Integrations
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2/8/2018 1:41:45 PM



#74

Fluoranthene

Concen: 39.048 ng

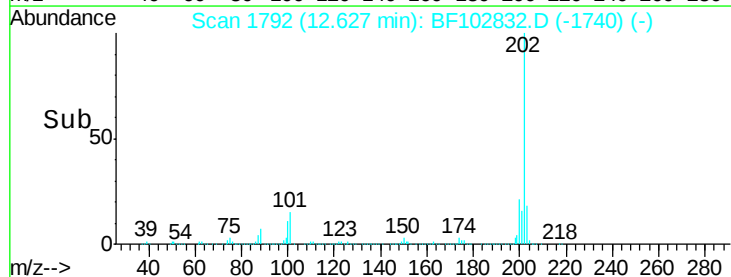
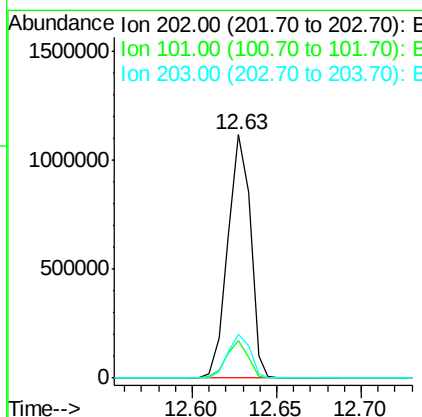
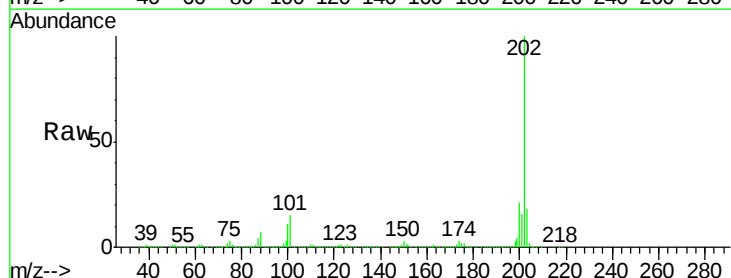
RT: 12.63 min Scan# 1792

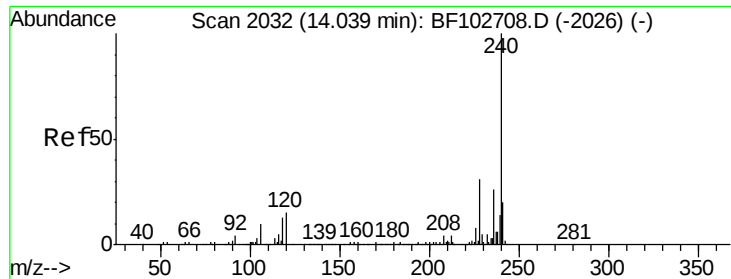
Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Tgt Ion:	202	Resp:	1037864
Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

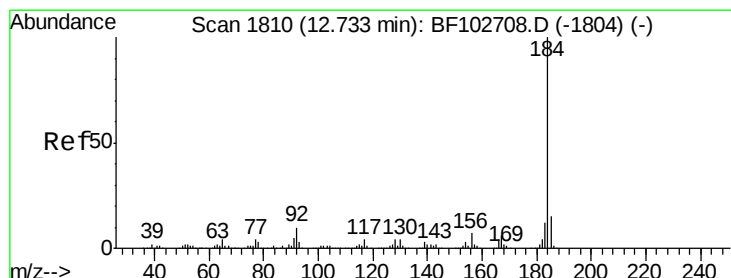
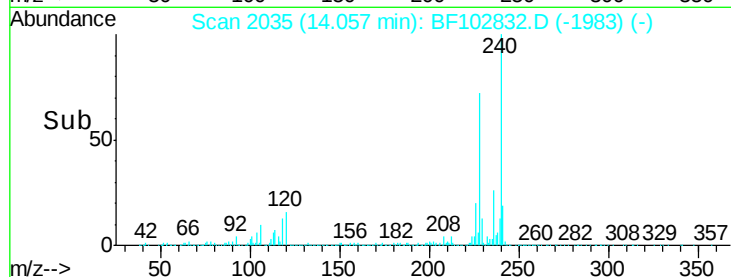
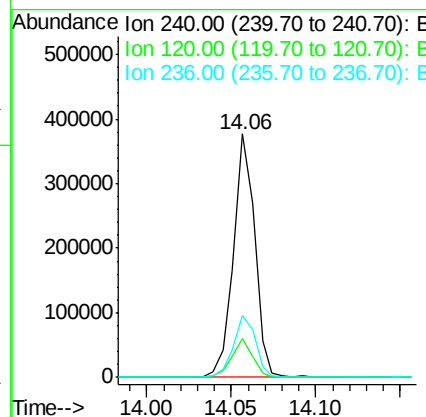
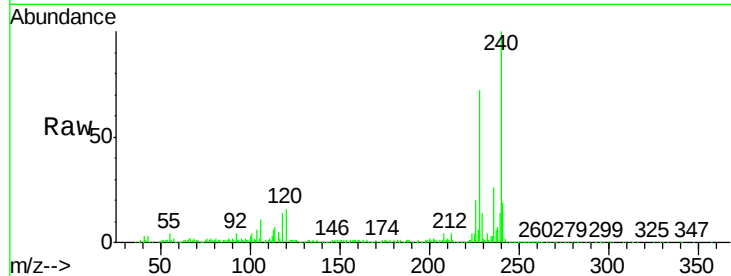
ClientSampled :

3N-15MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.5	14.3#
236	25.7	20.7	31.1

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#76

Benzidine

Concen: 42.760 ng

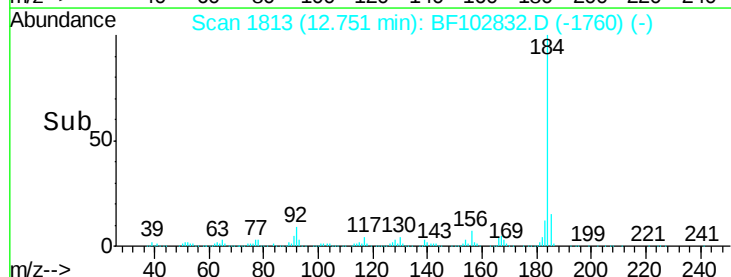
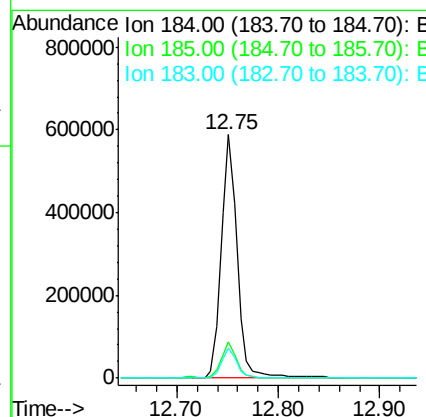
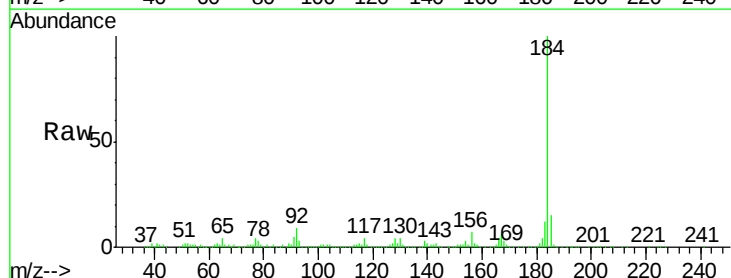
RT: 12.75 min Scan# 1813

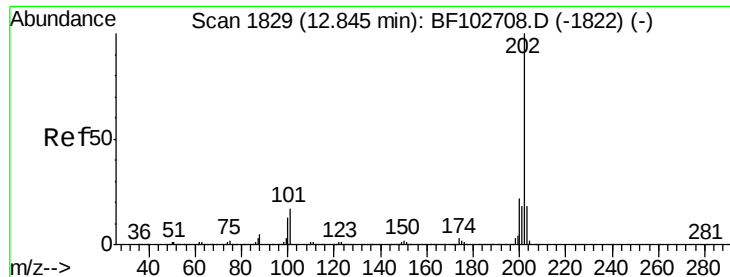
Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.6	18.8
183	12.4	9.3	13.9





#77

Pvrene

Concen: 40.875 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

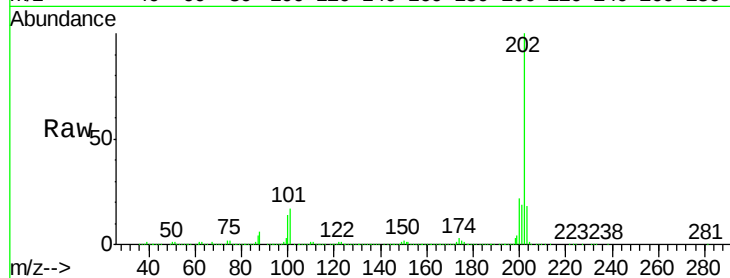
ClientSampled :

3N-15MS

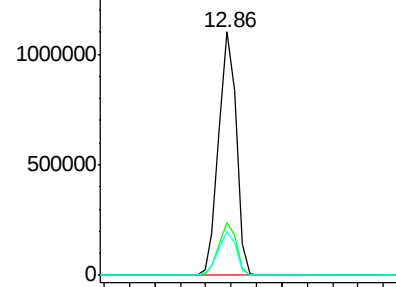
Tot Ion:	202	Resp:	1051664
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.9	14.3	21.5

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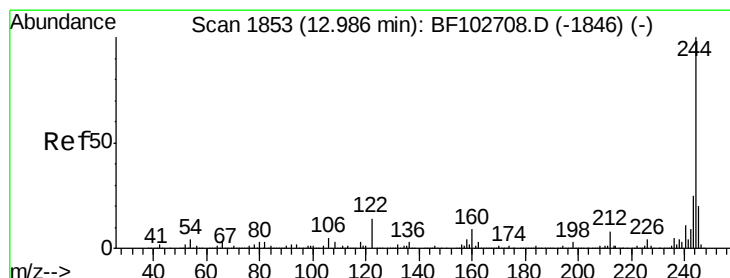
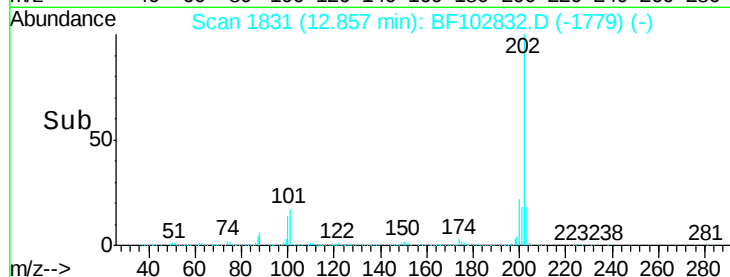
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E
1500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 89.078 ng

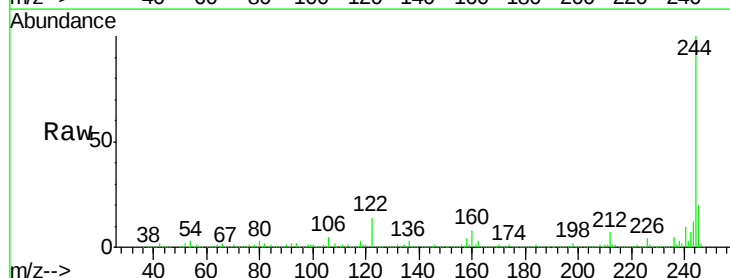
RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

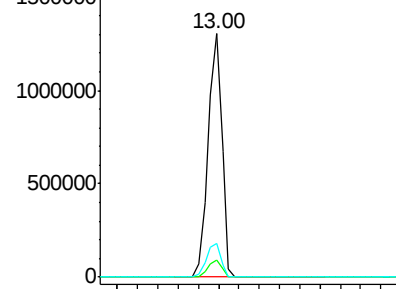
Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

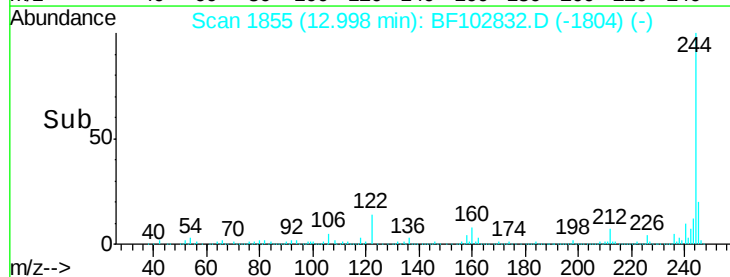
Tgt Ion:	244	Resp:	1234381
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.7	11.0	16.4

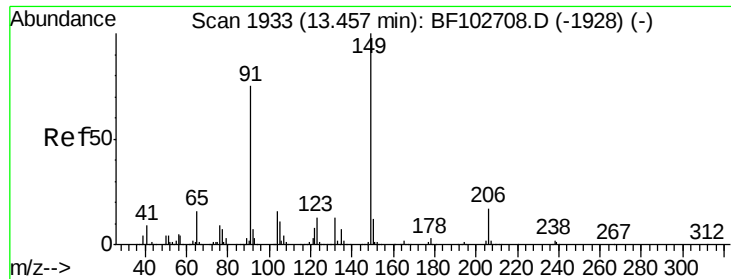


Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





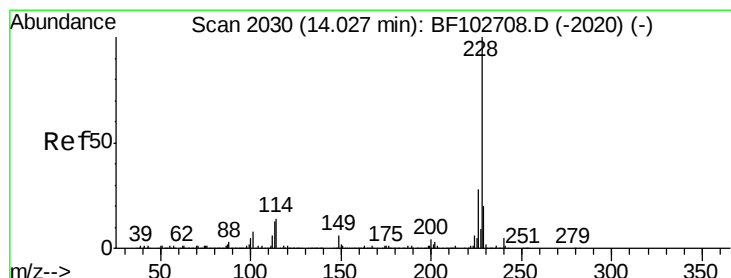
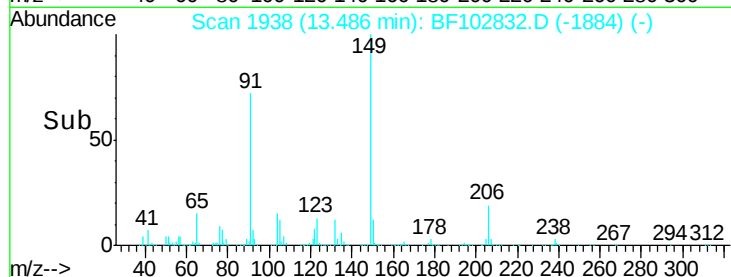
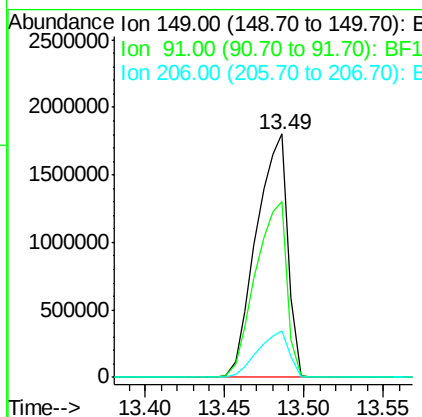
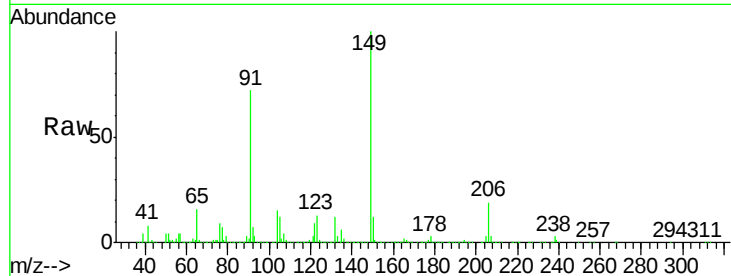
#79
Butylbenzylphthalate
Concen: 198.990 ng
RT: 13.49 min Scan# 1938
Delta R.T. 0.02 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampleId :
3N-15MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.3	56.8	85.2
206	19.2	14.1	21.1

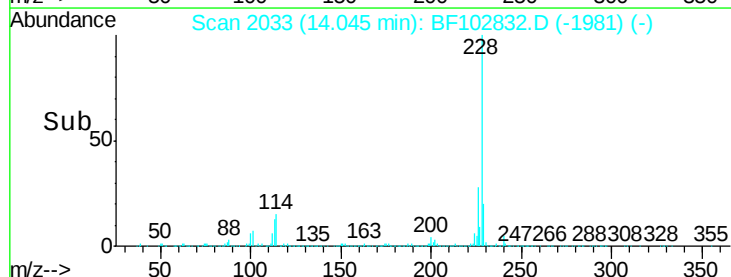
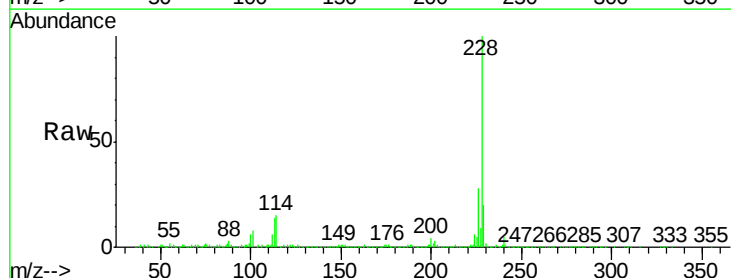
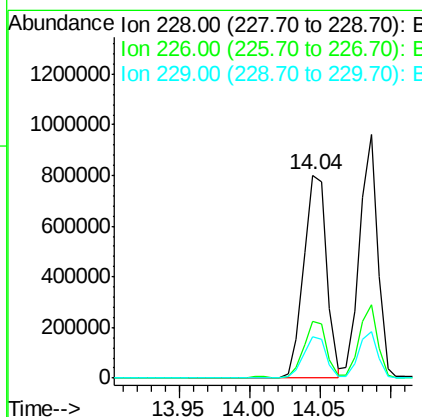
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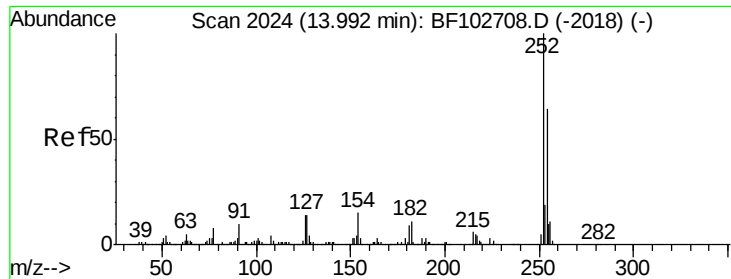
Sohil
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#80
Benzo(a)anthracene
Concen: 43.637 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.3	15.8	23.6





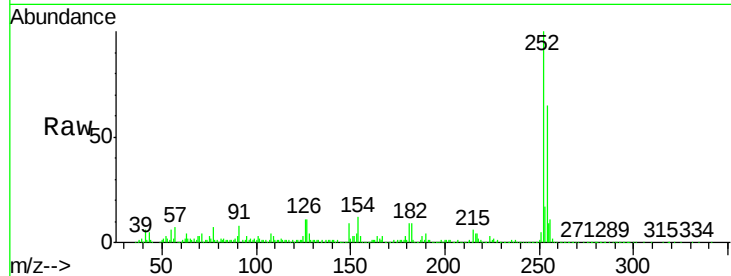
#81
3,3'-Dichlorobenzidine
Concen: 43.901 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampleId :
3N-15MS

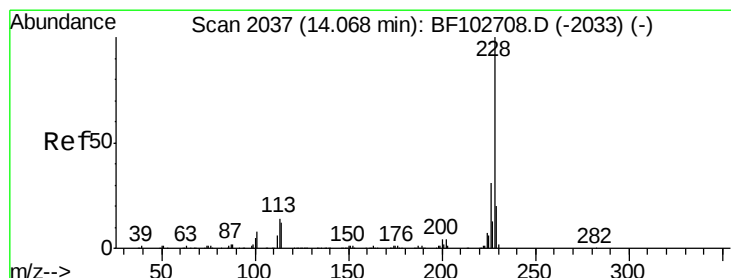
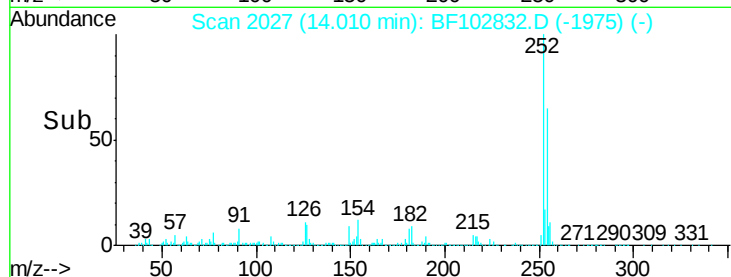
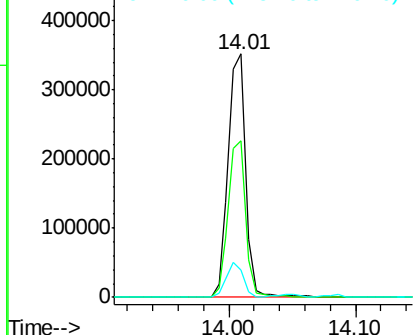
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.5	50.4	75.6
126	11.1	11.3	16.9

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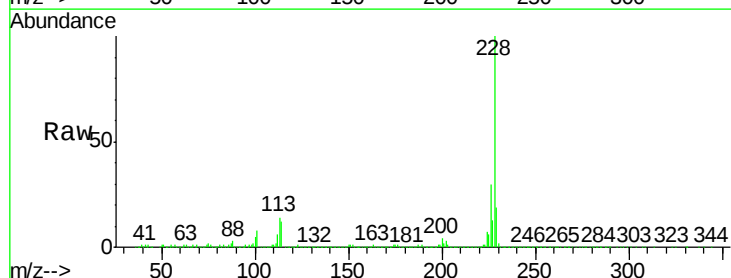


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

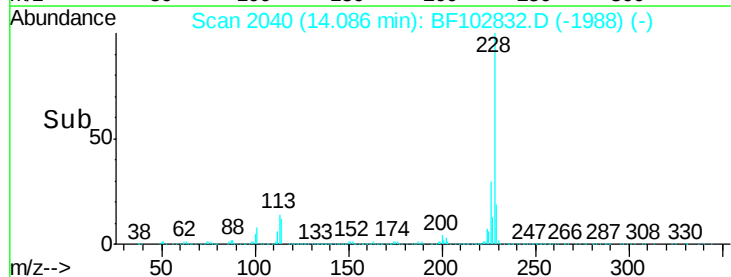
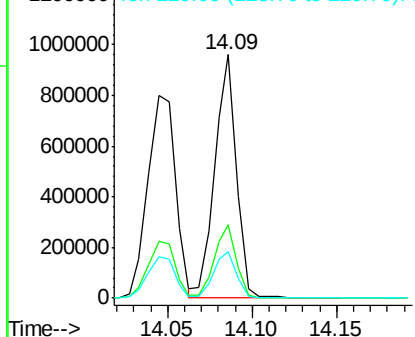


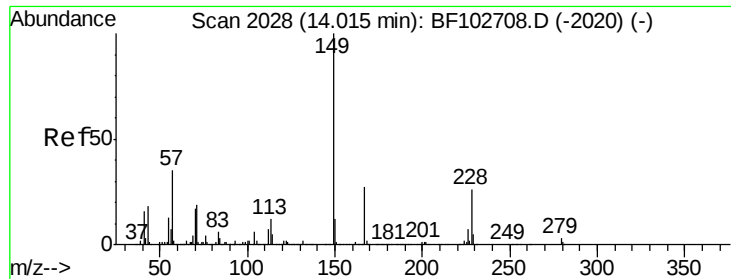
#82
Chrysene
Concen: 41.316 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.2	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





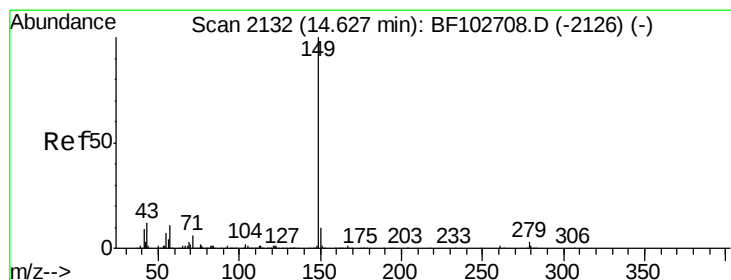
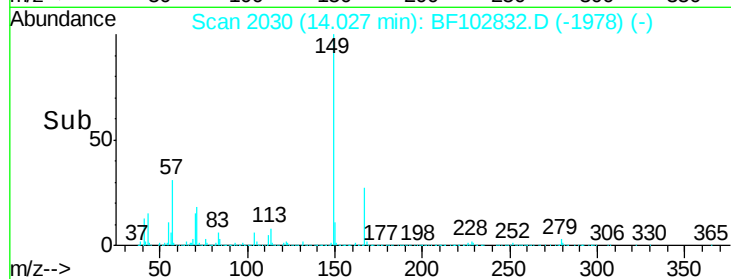
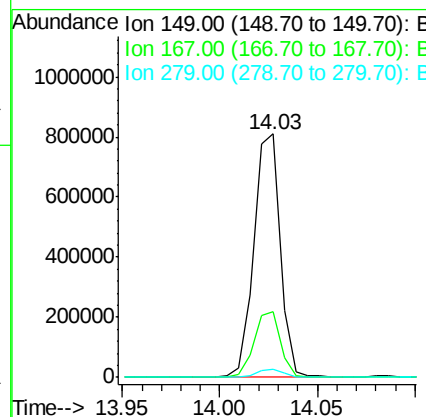
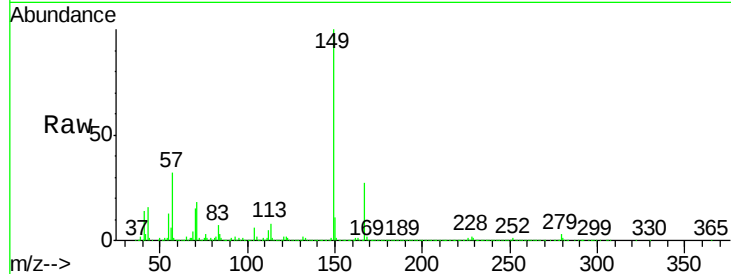
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.757 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Instrument :
 BNA_F
 ClientSampled :
 3N-15MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.5	3.0	4.4

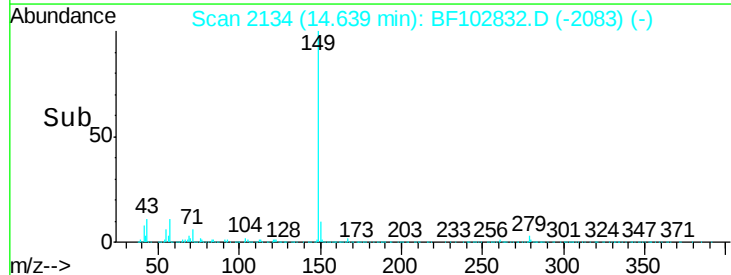
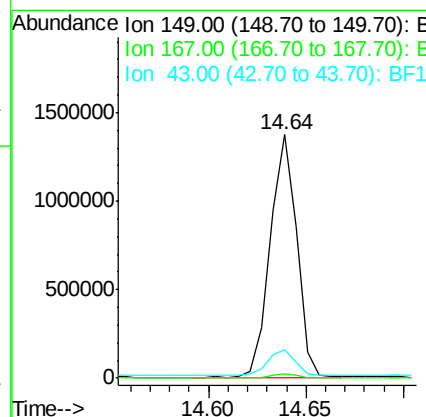
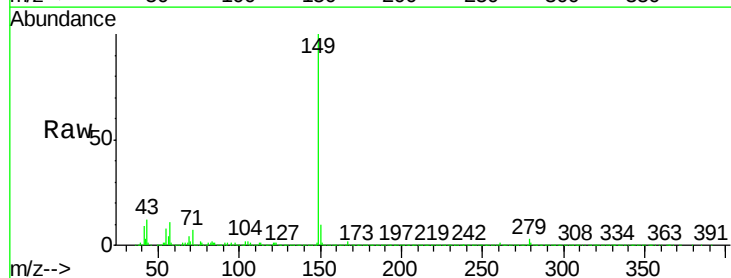
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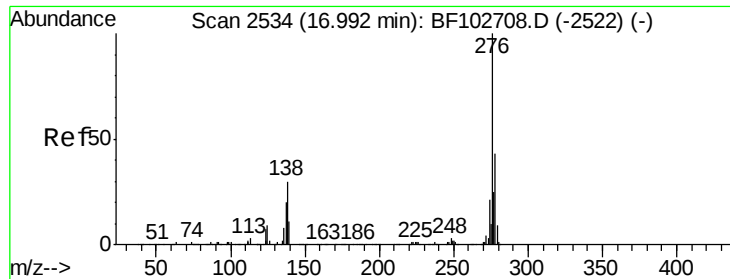
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 54.464 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.9	8.4	12.6





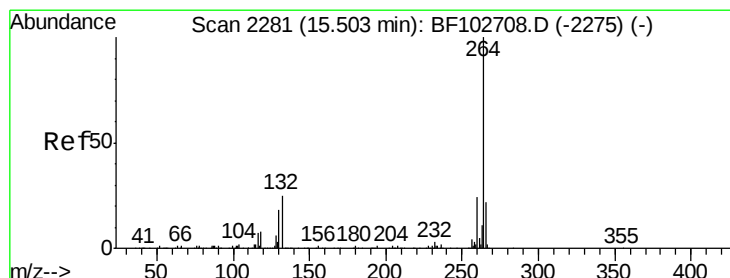
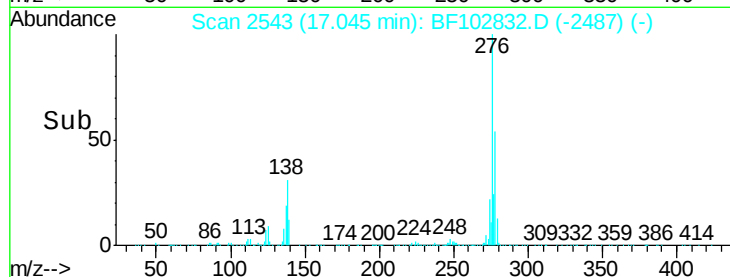
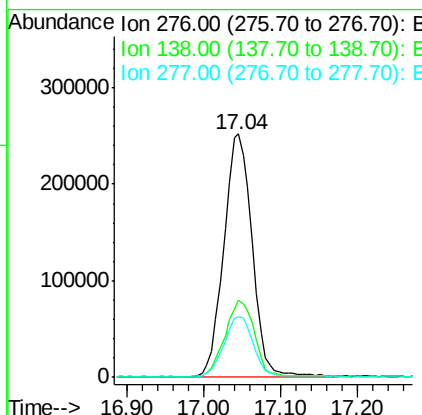
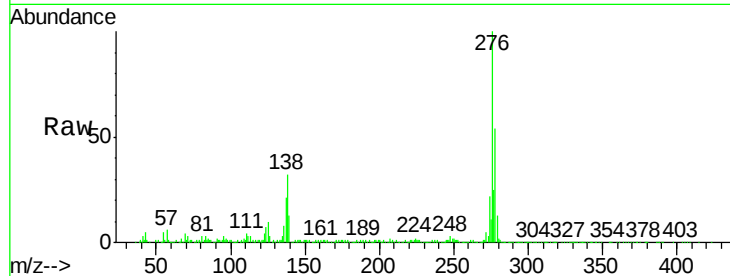
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.249 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.03 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampleId :
3N-15MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.0	37.6
277	25.7	20.1	30.1

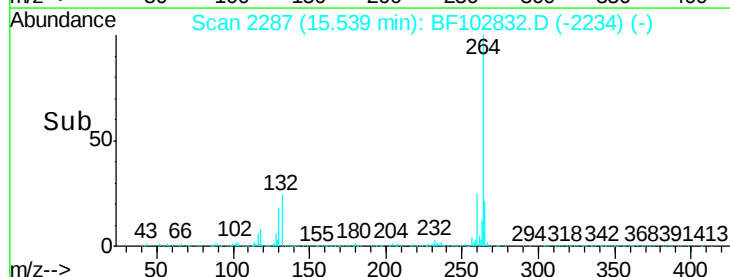
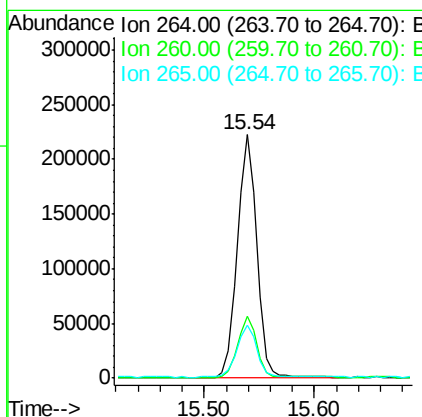
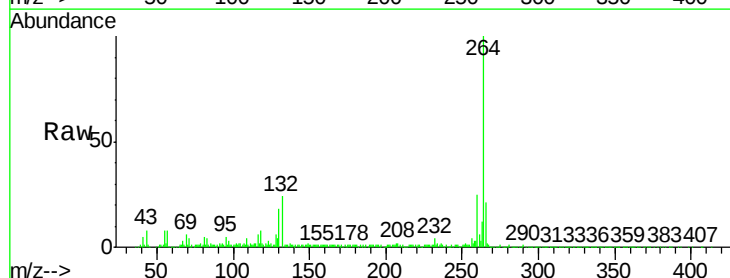
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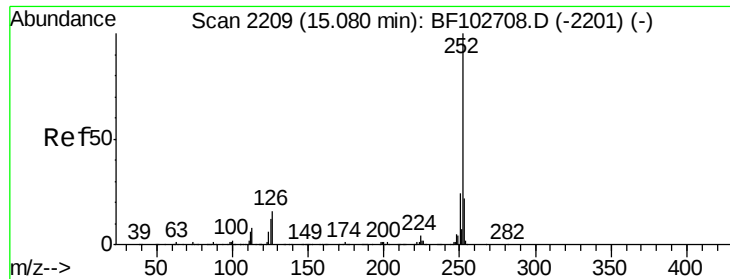
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	21.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 42.742 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

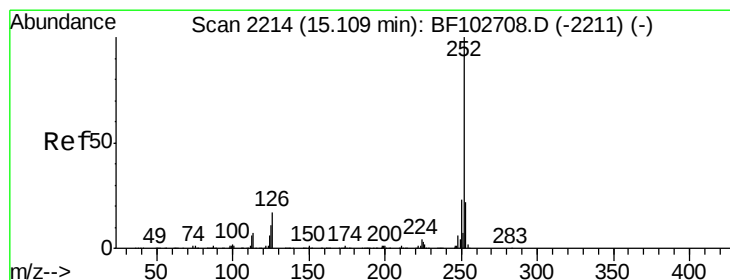
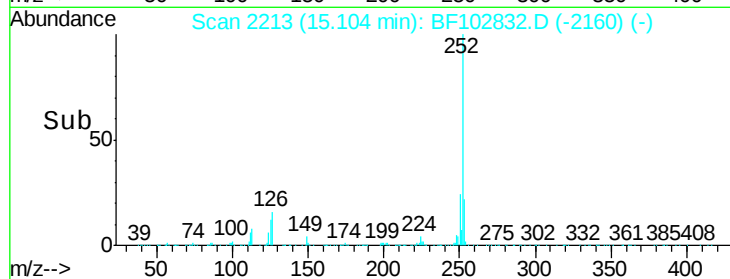
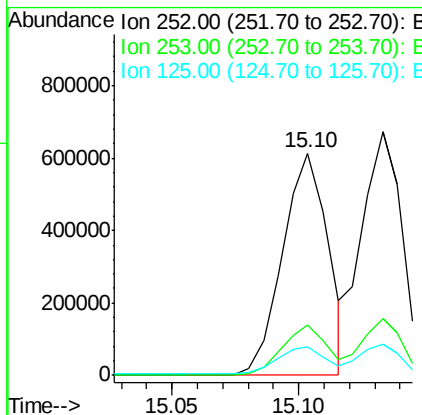
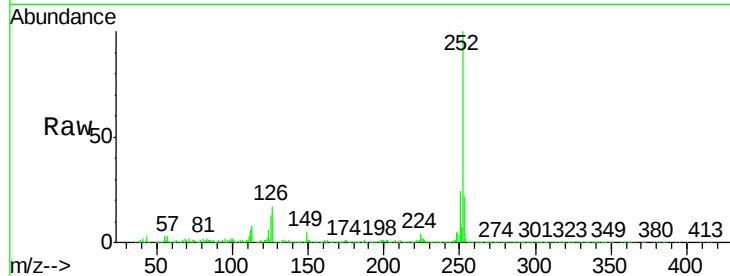
ClientSampled :

3N-15MS

Tot Ion:	252	Resp:	764283
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.0	25.6
125	12.8	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 44.877 ng

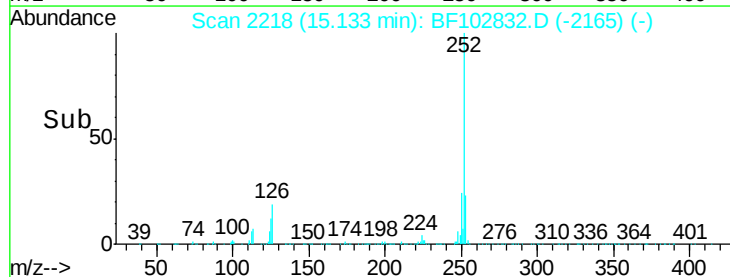
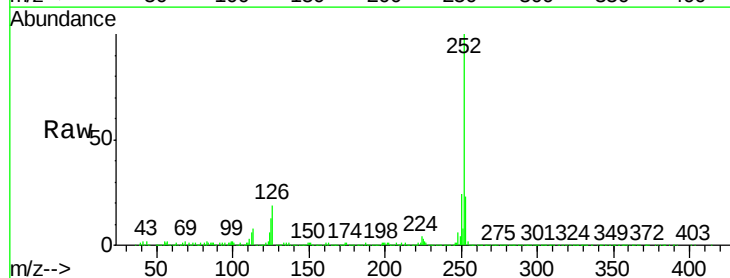
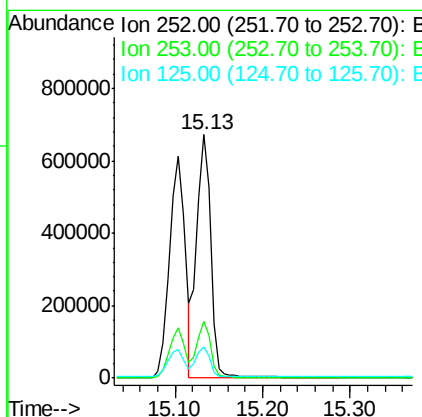
RT: 15.13 min Scan# 2218

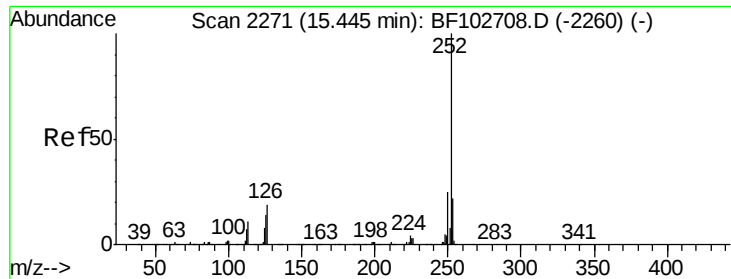
Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Tgt Ion:	252	Resp:	766745
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.9	26.9
125	13.0	10.2	15.2





#89

Benzo(a)pyrene

Concen: 42.342 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.02 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

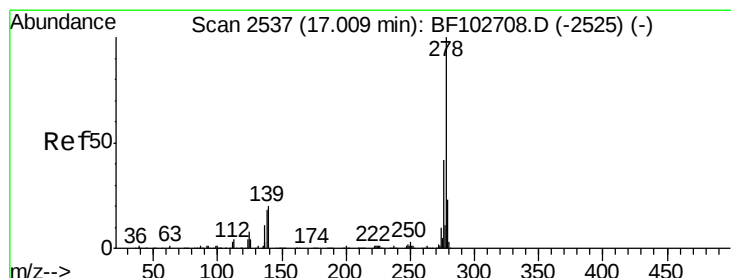
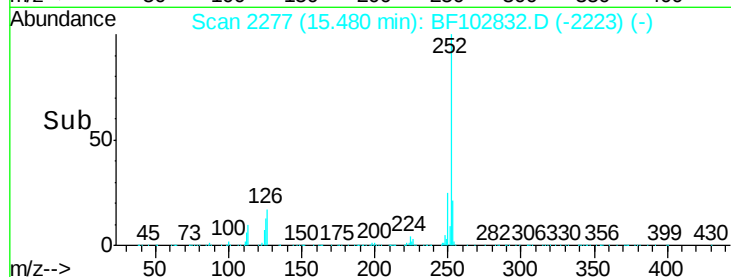
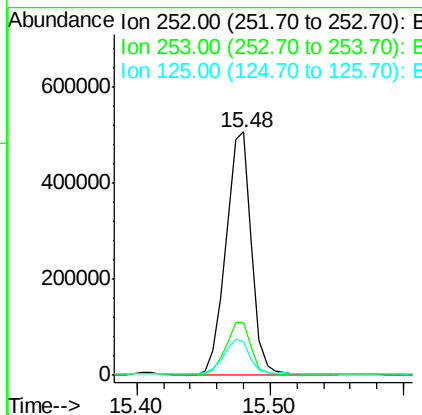
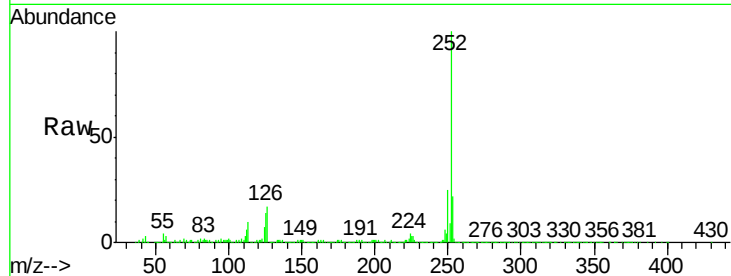
ClientSampleId :

3N-15MS

Tot Ion:	252	Resp:	681503
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.1	25.7
125	13.8	9.8	14.6

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#90

Dibenzo(a,h)anthracene

Concen: 41.918 ng

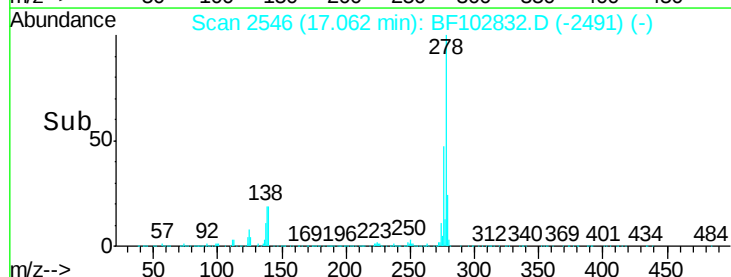
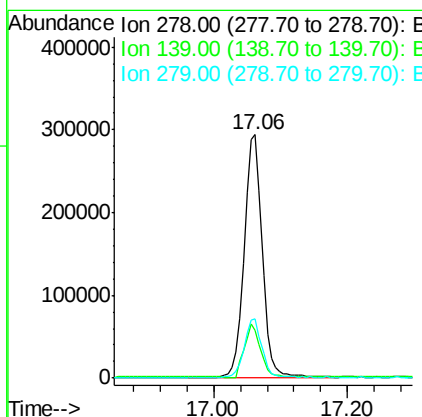
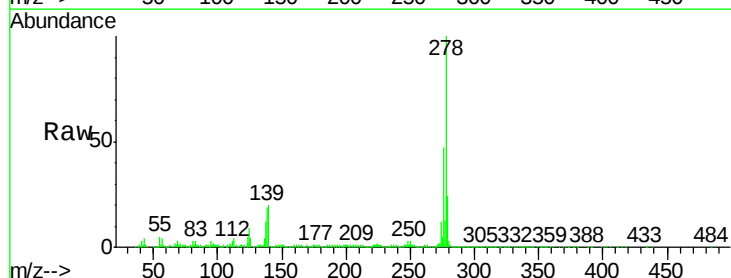
RT: 17.06 min Scan# 2546

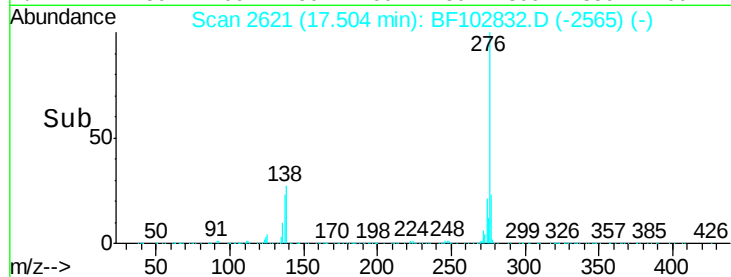
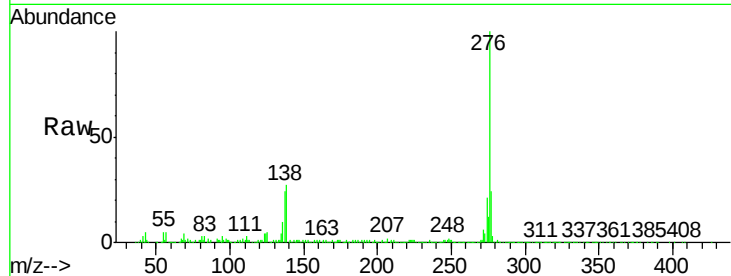
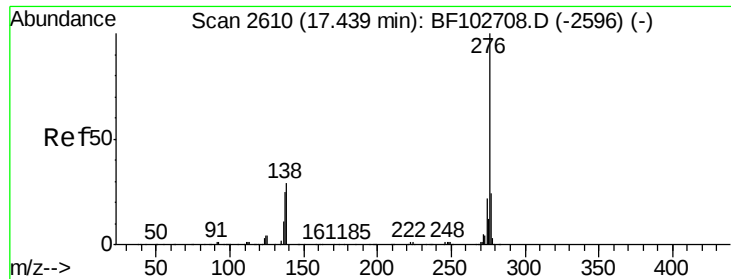
Delta R.T. 0.02 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Tgt Ion:	278	Resp:	547620
Ion Ratio	Lower	Upper	
278	100		
139	19.8	15.9	23.9
279	24.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.541 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. 0.03 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Instrument :
 BNA_F
 ClientSampleId :
 3N-15MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	27.4	21.8	32.8

Manual Integrations
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