

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF103000.D
 Acq On : 14 Feb 2018 20:08
 Operator : SJ/JU
 Sample : J1539-21MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4-15-TRENCH-2-NW-(2-4)MS

Manual Integrations
 APPROVED

Sohil
 2/15/2018 11:06:40 AM

Quant Time: Feb 15 01:18:12 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 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	181051	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	713150	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	269040	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	394875	20.00	ng	0.01
75) Chrysene-d12	14.06	240	307619	20.00	ng	0.02
86) Perylene-d12	15.53	264	269974	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1151279	96.57	ng	0.02
7) Phenol-d6	6.52	99	1363340	94.98	ng	0.02
23) Nitrobenzene-d5	7.45	82	835040	81.23	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	191474	88.42	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1114561	68.74	ng	0.00
78) Terphenyl-d14	12.99	244	801547	61.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	192521	32.695	ng	88
3) Pyridine	3.49	79	509299	31.306	ng	91
4) n-Nitrosodimethylamine	3.43	42	261918	37.628	ng	100
6) Aniline	6.55	93	306572	14.462	ng	94
8) 2-Chlorophenol	6.67	128	438897	35.760	ng	97
9) Benzaldehyde	6.43	77	118556	11.121	ng	100
10) Phenol	6.53	94	582774	37.883	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	455249	35.564	ng	92
12) 1,3-Dichlorobenzene	6.82	146	456761	32.137	ng	100
13) 1,4-Dichlorobenzene	6.90	146	464946	32.840	ng	99
14) 1,2-Dichlorobenzene	7.05	146	425756	32.286	ng	97
15) Benzyl Alcohol	7.02	79	379081	34.349	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	777372	31.969	ng	98
17) 2-Methylphenol	7.13	107	379325	33.506	ng	98
18) Hexachloroethane	7.39	117	138910	28.612	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	293903	31.054	ng	96
20) 3+4-Methylphenols	7.29	107	433990	31.086	ng	# 66
22) Acetophenone	7.29	105	586945	33.633	ng	# 94
24) Nitrobenzene	7.46	77	460937	38.106	ng	98
25) Isophorone	7.70	82	845461	35.716	ng	98
26) 2-Nitrophenol	7.77	139	137138	31.287	ng	95
27) 2,4-Dimethylphenol	7.82	122	371092	37.106	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	544282	38.813	ng	99
29) 2,4-Dichlorophenol	8.02	162	316336	34.795	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	327509	31.843	ng	99
31) Naphthalene	8.19	128	1193274	34.247	ng	99
32) Benzoic acid	7.95	122	12879	10.296	ng	# 27
33) 4-Chloroaniline	8.23	127	155082	10.332	ng	98
34) Hexachlorobutadiene	8.30	225	167429	31.768	ng	98
35) Caprolactam	8.59	113	95952	30.390	ng	# 77
36) 4-Chloro-3-methylphenol	8.72	107	335261	32.820	ng	97
37) 2-Methylnaphthalene	8.87	142	780417	34.211	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	271883	37.115	ng	99
40) Hexachlorocyclopentadiene	9.02	237	26705	7.669	ng	98

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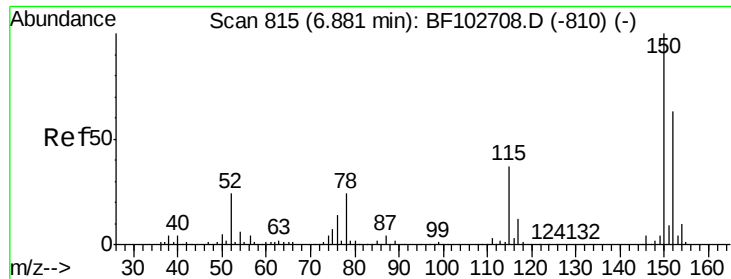
Manual Integrations
 APPROVED

Sohil
 2/15/2018 11:06:40 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	177529	36.896	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	181747	33.513	nq	97
45) 1,1'-Biphenyl	9.34	154	810974	35.788	nq	98
46) 2-Chloronaphthalene	9.36	162	613448	34.386	nq	99
47) 2-Nitroaniline	9.46	65	232441	42.642	nq	98
48) Acenaphthylene	9.78	152	888051	32.050	nq	100
49) Dimethylphthalate	9.63	163	969145	46.199	nq	100
50) 2,6-Dinitrotoluene	9.70	165	139838	35.038	nq	90
51) Acenaphthene	9.95	154	516996	31.200	nq	99
52) 3-Nitroaniline	9.87	138	167417	34.092	nq	98
53) 2,4-Dinitrophenol	9.98	184	602	8.785	nq	# 55
54) Dibenzofuran	10.12	168	772420	33.077	nq	96
55) 4-Nitrophenol	10.03	139	215271	54.684	nq	95
56) 2,4-Dinitrotoluene	10.10	165	160061	31.063	nq	96
57) Fluorene	10.47	166	555893	32.718	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	123408	32.833	nq	# 99
59) Diethylphthalate	10.33	149	680458	32.851	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	257375	34.243	nq	100
61) 4-Nitroaniline	10.49	138	172811	36.970	nq	89
62) Azobenzene	10.62	77	624202	30.165	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	4485	11.301	nq	# 65
65) n-Nitrosodiphenylamine	10.57	169	513714	36.882	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	148675	35.593	nq	98
67) Hexachlorobenzene	11.02	284	148013	32.120	nq	97
68) Atrazine	11.10	200	140873	34.284	nq	98
69) Pentachlorophenol	11.21	266	126264	46.678	nq	99
70) Phenanthrene	11.43	178	817896	37.191	nq	98
71) Anthracene	11.49	178	767641	34.319	nq	99
72) Carbazole	11.64	167	725008	33.085	nq	100
73) Di-n-butylphthalate	11.96	149	922385	34.651	nq	98
74) Fluoranthene	12.62	202	875592	39.572	nq	98
76) Benzidine	12.74	184	32387m	2.291	nq	
77) Pyrene	12.86	202	885647	36.715	nq	99
79) Butylbenzylphthalate	13.46	149	402320	35.148	nq	98
80) Benzo(a)anthracene	14.04	228	751208	38.829	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	142009	19.797	nq	97
82) Chrysene	14.08	228	742235	38.059	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	564271	38.186	nq	# 99
84) Di-n-octyl phthalate	14.63	149	971266	43.774	nq	98
85) Indeno(1,2,3-cd)pyrene	17.04	276	511862	31.646	nq	98
87) Benzo(b)fluoranthene	15.10	252	688130	39.314	nq	98
88) Benzo(k)fluoranthene	15.13	252	559845	33.475	nq	98
89) Benzo(a)pyrene	15.47	252	558747	35.464	nq	# 95
90) Dibenzo(a,h)anthracene	17.06	278	426415	33.345	nq	95
91) Benzo(g,h,i)perylene	17.50	276	428598	34.242	nq	95

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



#1

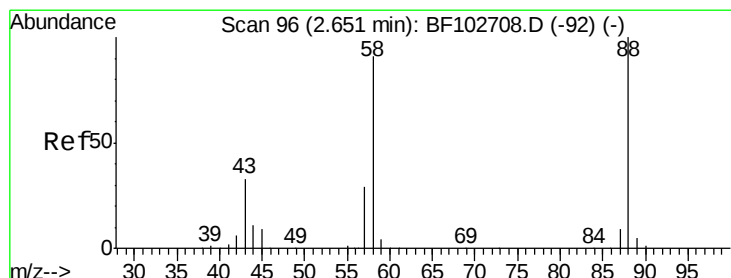
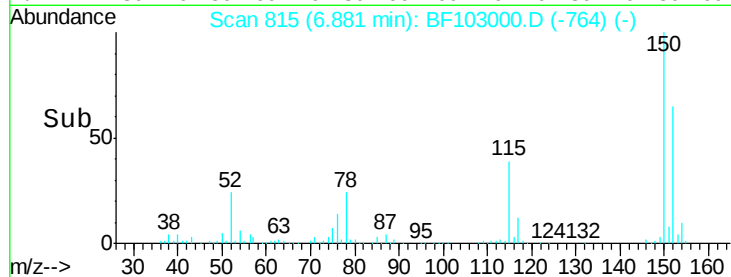
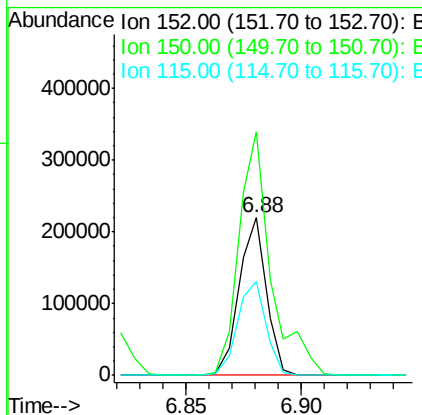
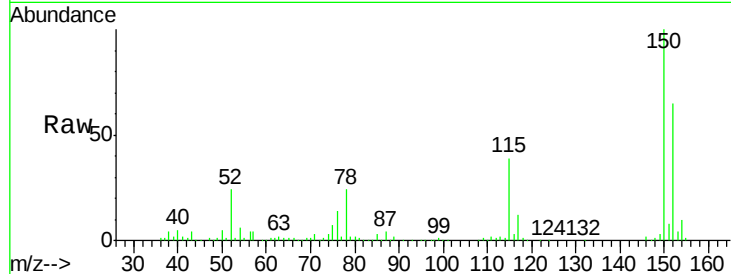
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	59.9	50.1	75.1

Manual Integrations
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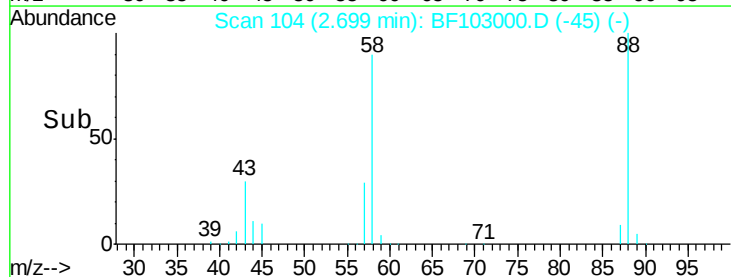
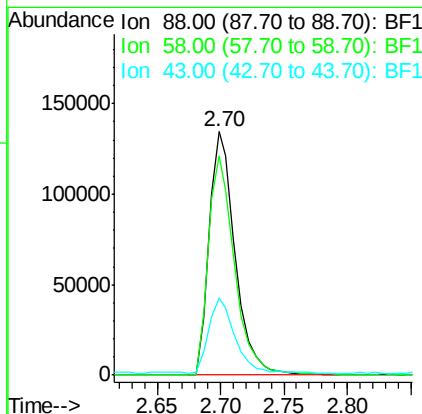
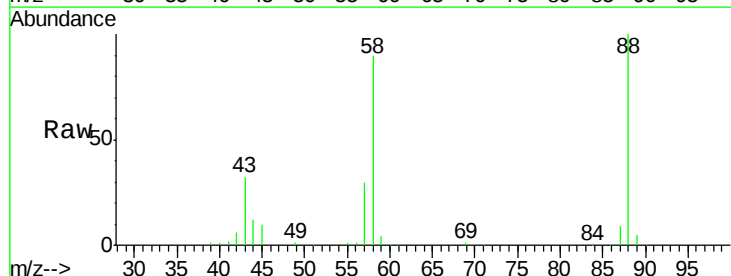
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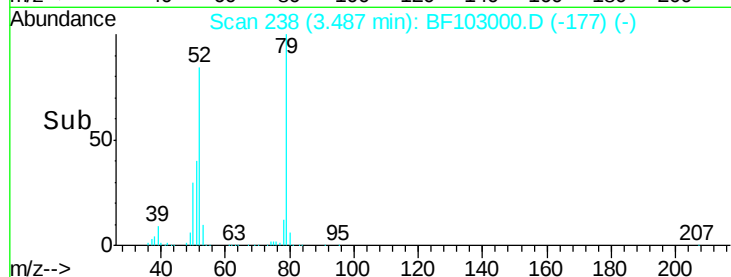
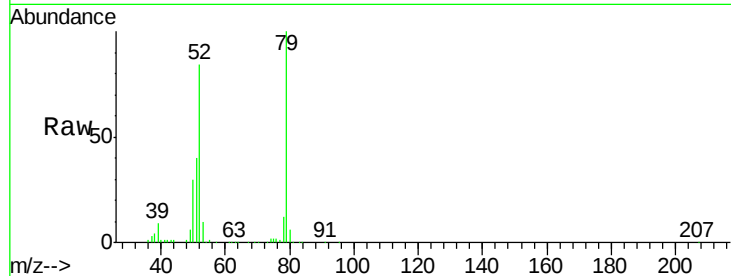
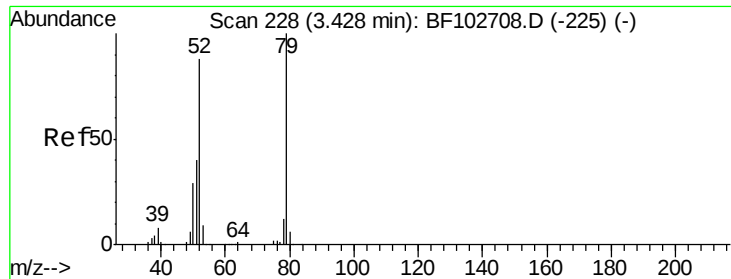


#2

1,4-Dioxane
Concen: 32.695 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.05 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.0	62.6	93.8
43	31.4	24.6	37.0





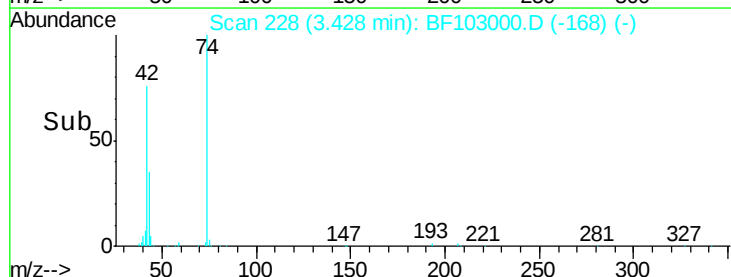
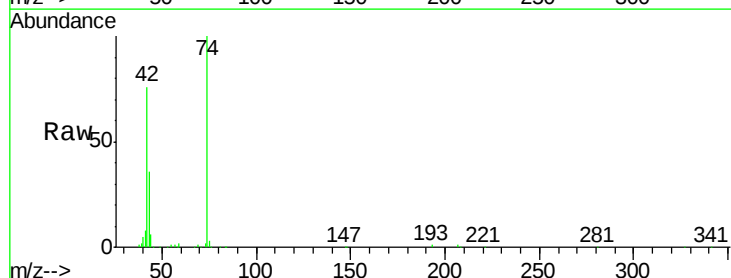
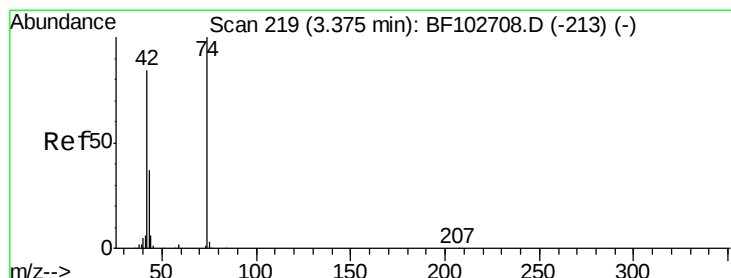
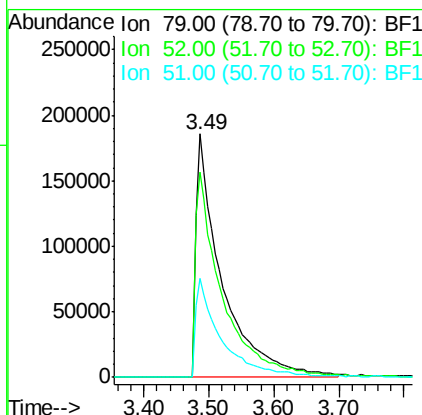
#3
 Pvridine
 Concen: 31.306 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.06 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	84.4	59.8	89.6		
51	40.5	29.8	44.8		

Instrument :
 BNA_F
 ClientSampleId :
 4-15-TRENCH-2-NW-(2-4)MS

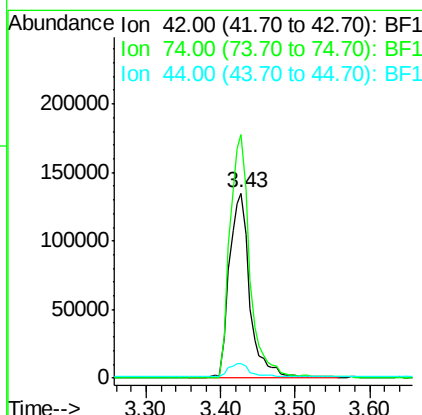
Manual Integrations
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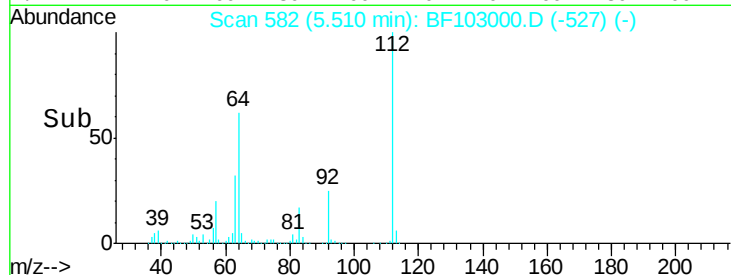
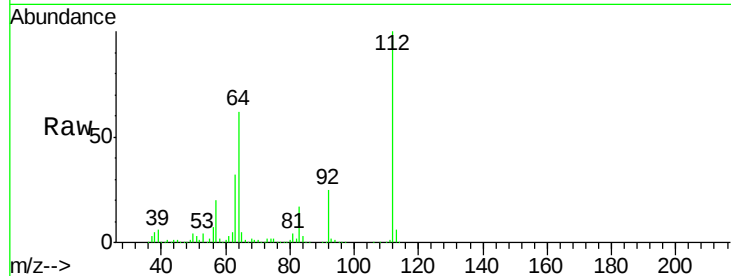
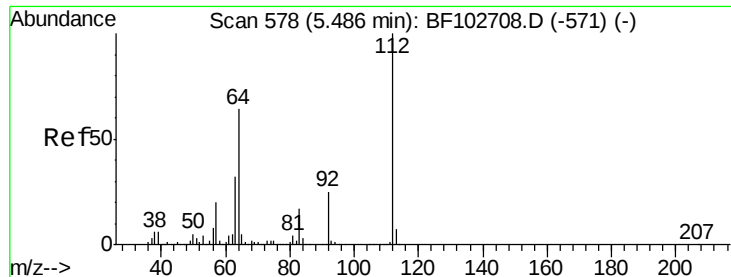
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 2/15/2018 11:06:40 AM



#4
 n-Nitrosodimethylamine
 Concen: 37.628 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.05 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	131.5	104.9	157.3		
44	8.1	6.9	10.3		





#5

2-Fluorophenol

Concen: 96.570 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Tot Ion:	112	Resp:	1151279
Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.9	71.9
63	31.6	23.7	35.5

Instrument :

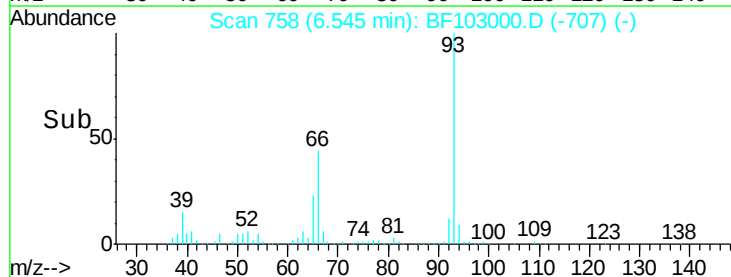
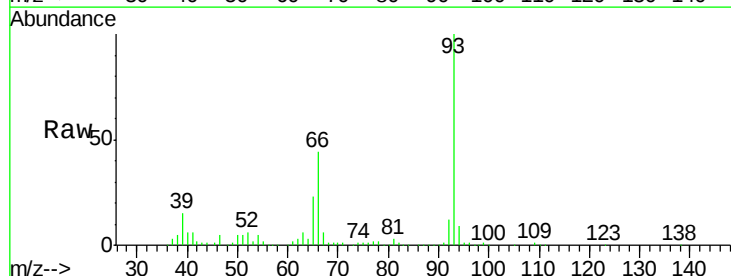
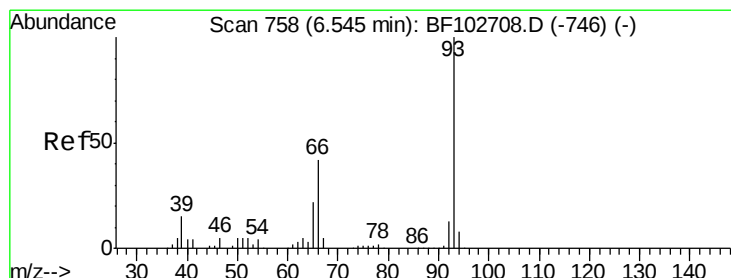
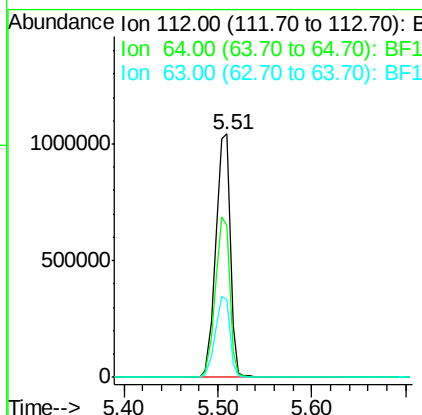
BNA_F

ClientSampleId :

4-15-TRENCH-2-NW-(2-4)MS

Manual Integrations
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#6

Aniline

Concen: 14.462 ng

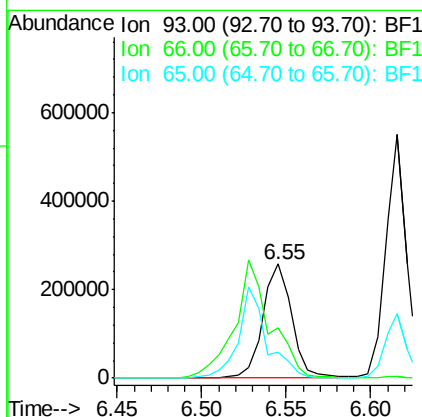
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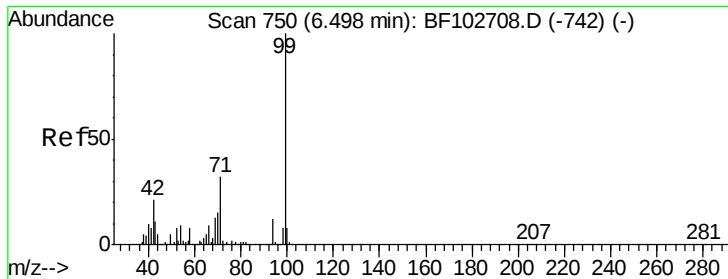
Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Tgt Ion:	93	Resp:	306572
Ion	Ratio	Lower	Upper
93	100		
66	43.8	32.2	48.2
65	22.7	16.4	24.6





#7

Phenol-d6

Concen: 94.976 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

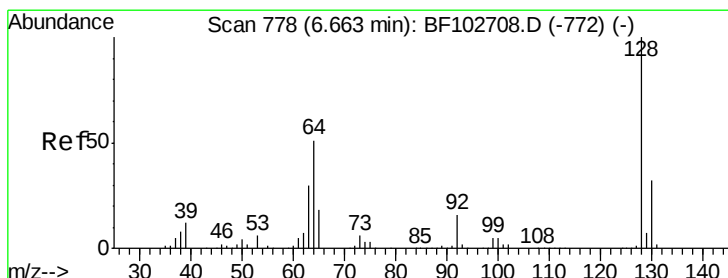
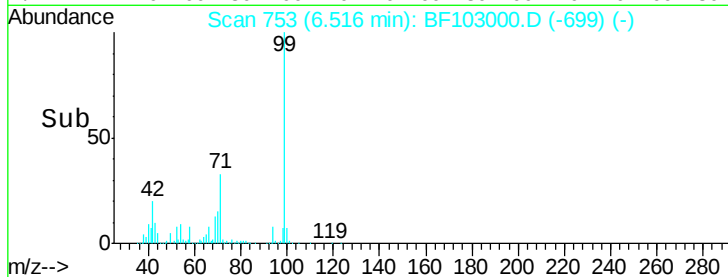
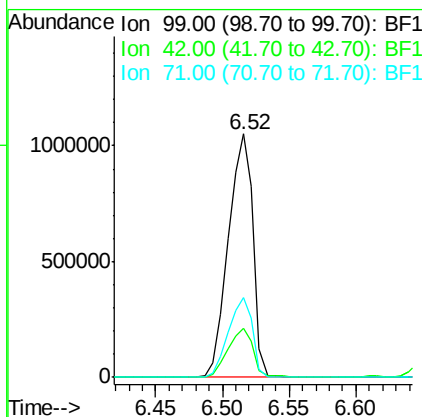
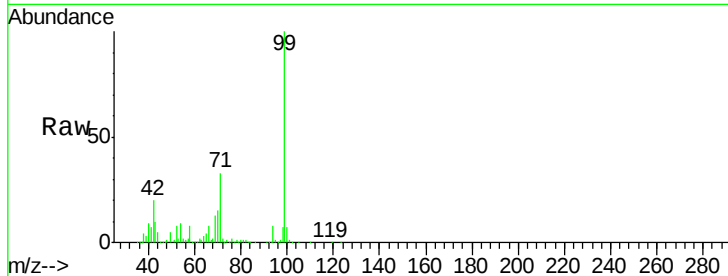
ClientSampleId :

4-15-TRENCH-2-NW-(2-4)MS

Tot Ion:	99	Resp:	1363340
Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	33.0	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 35.760 ng

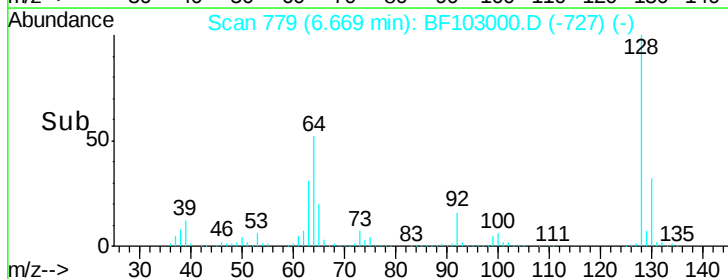
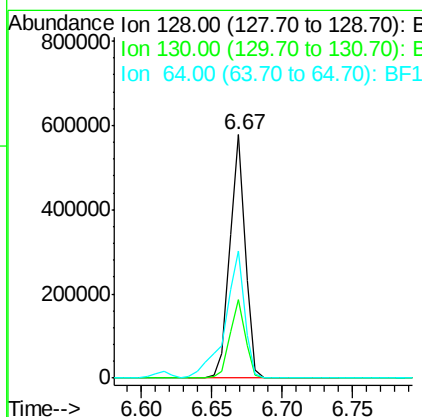
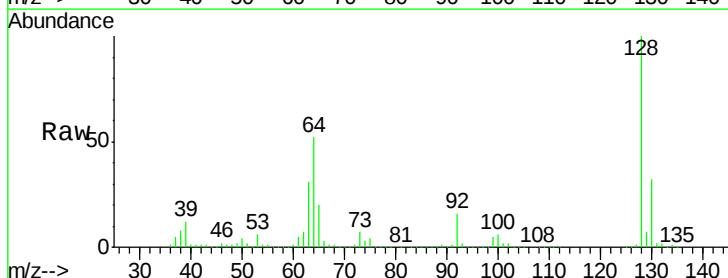
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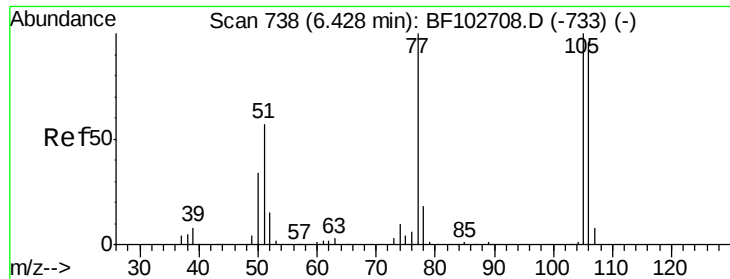
Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Tgt Ion:	128	Resp:	438897
Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.0	53.0
64	52.2	29.4	69.4





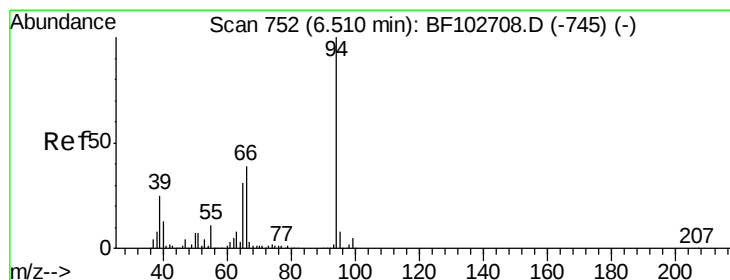
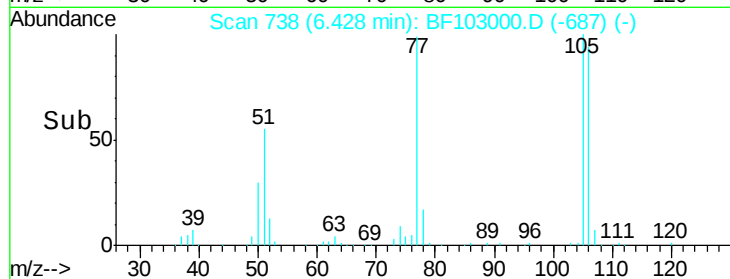
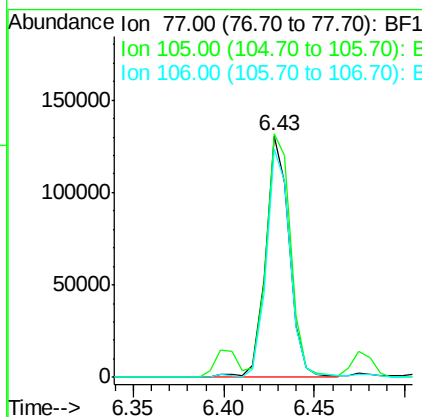
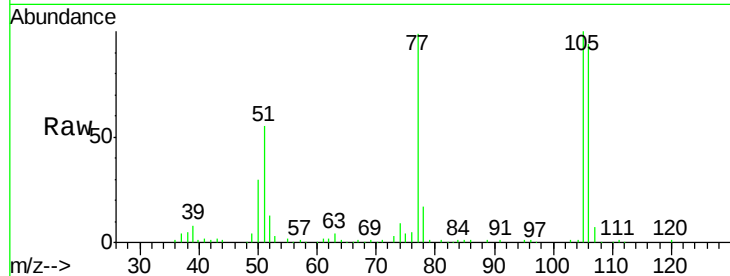
#9
Benzaldehyde
Concen: 11.121 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.8	81.1	121.1		
106	94.6	74.5	114.5		

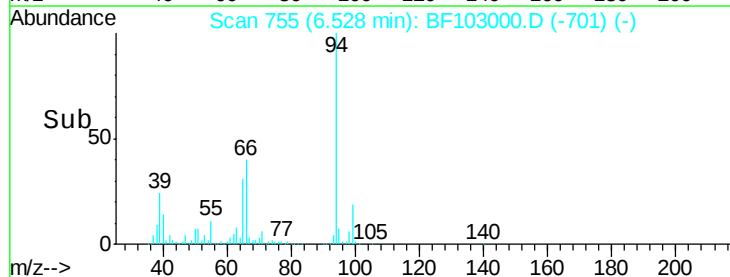
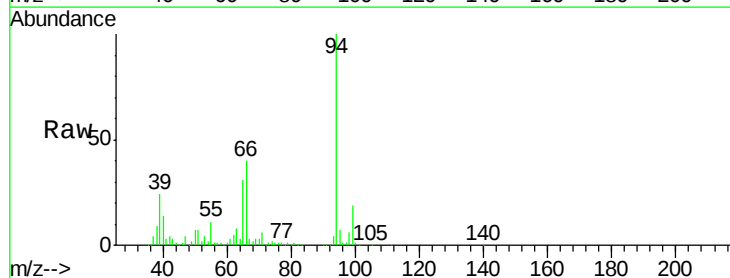
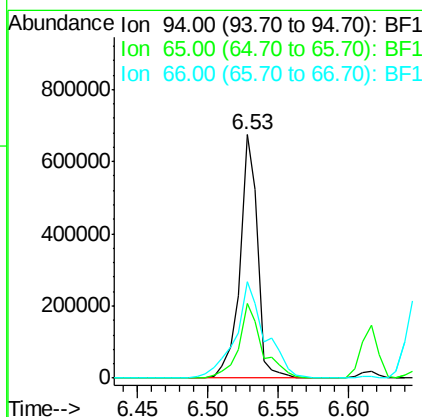
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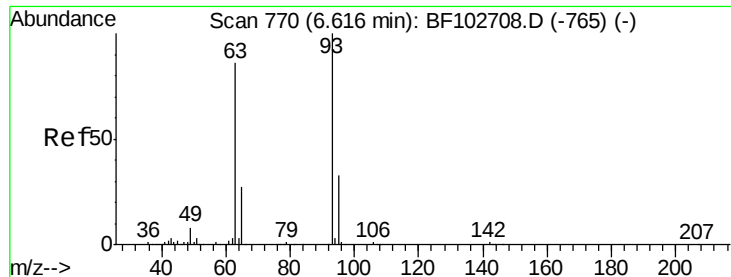
Sohil
2/15/2018 11:06:40 AM



#10
Phenol
Concen: 37.883 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.02 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.8	7.9	47.9		
66	39.6	16.2	56.2		





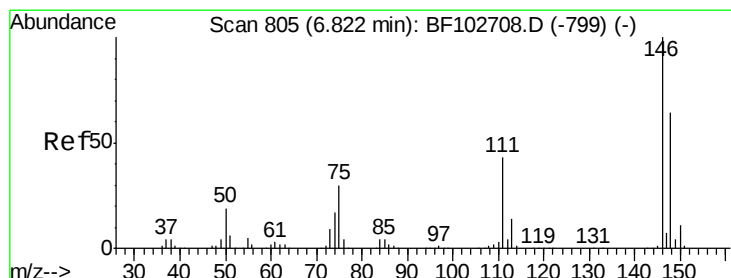
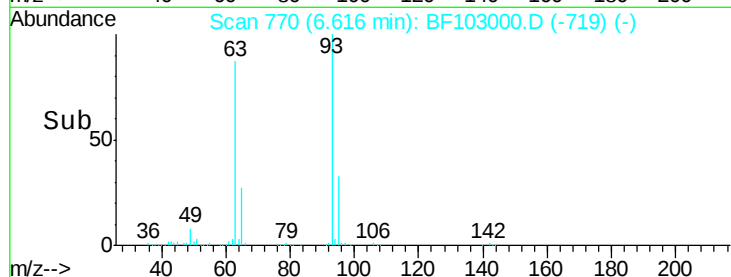
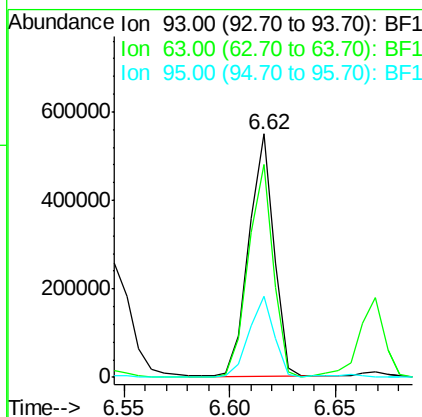
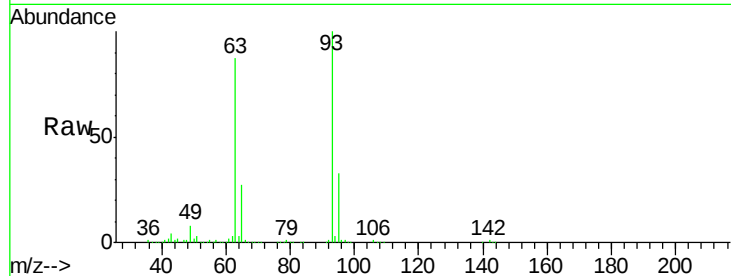
#11
bis(2-Chloroethyl)ether
Concen: 35.564 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	93	Resp	455249
Ion Ratio	Lower	Upper	
93	100		
63	87.3	58.6	98.6
95	33.1	11.8	51.8

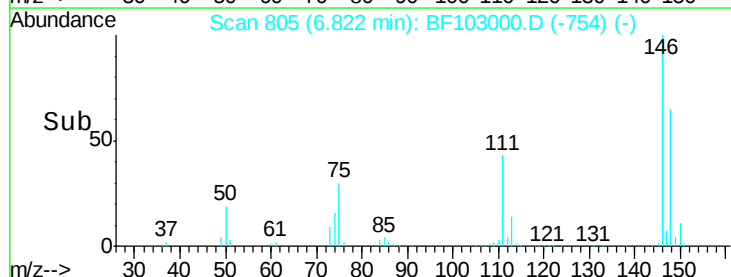
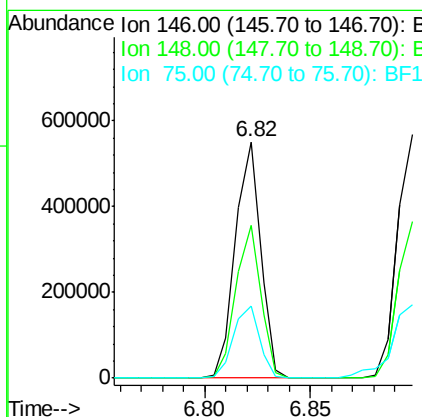
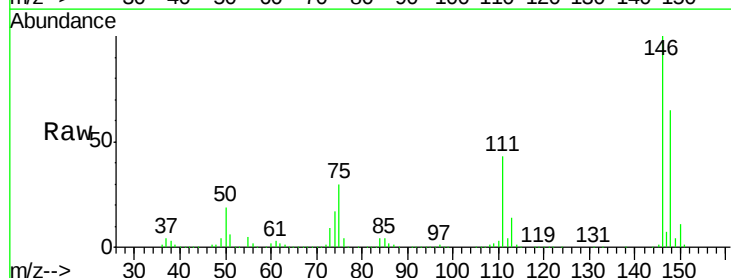
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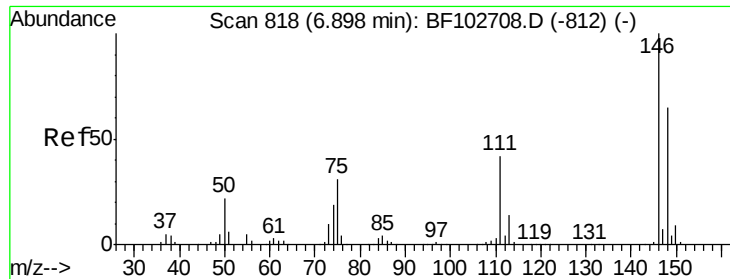
Sohil
2/15/2018 11:06:40 AM



#12
1,3-Dichlorobenzene
Concen: 32.137 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	146	Resp	456761
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.8	77.8
75	30.5	24.2	36.4





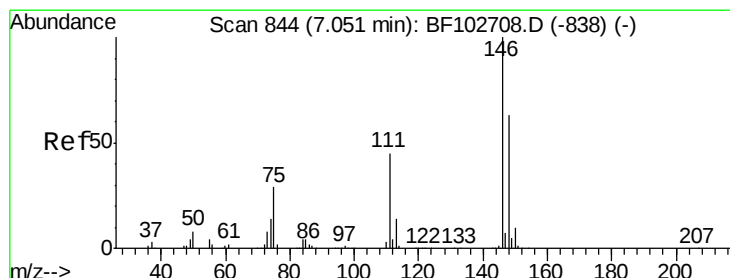
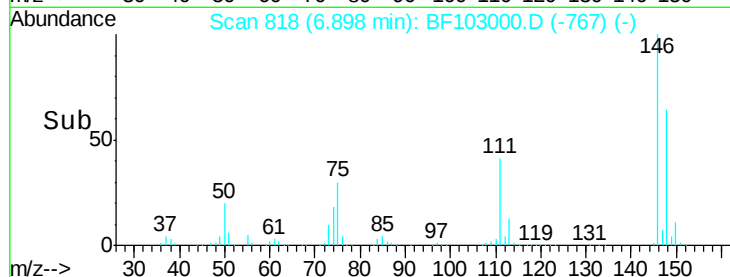
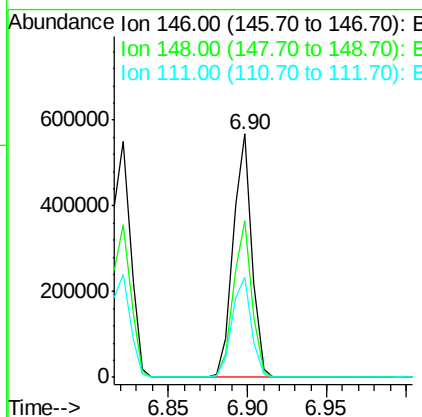
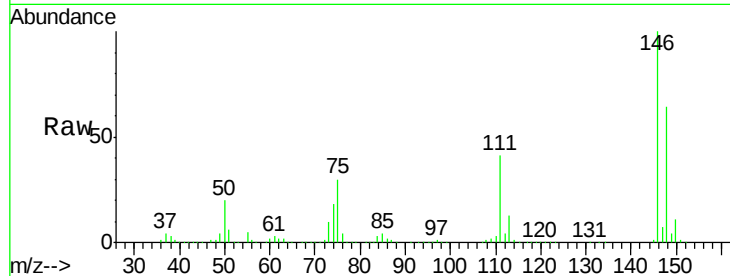
#13
 1,4-Dichlorobenzene
 Concen: 32.840 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Instrument :
 BNA_F
 ClientSampleId :
 4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	41.4	34.2	51.2

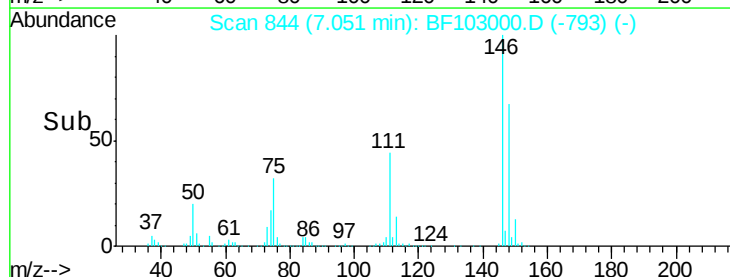
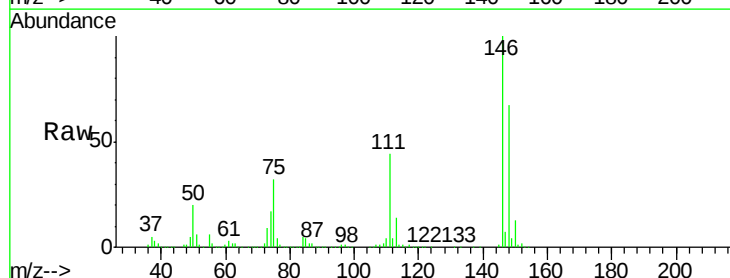
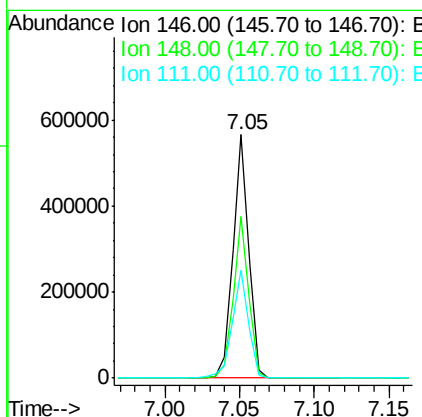
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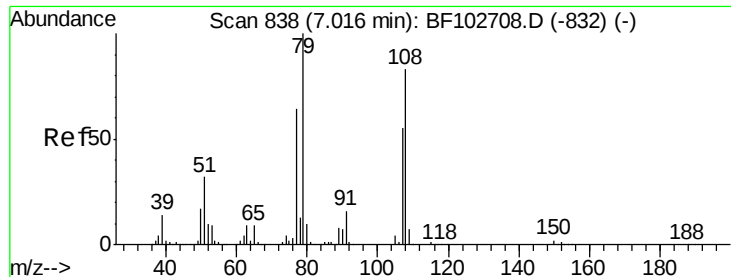
Sohil
 2/15/2018 11:06:40 AM



#14
 1,2-Dichlorobenzene
 Concen: 32.286 ng
 RT: 7.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	50.6	75.8
111	44.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 34.349 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

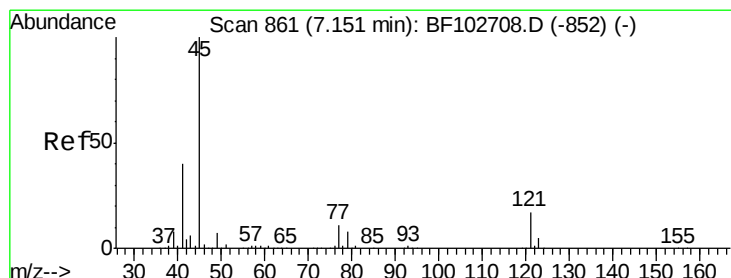
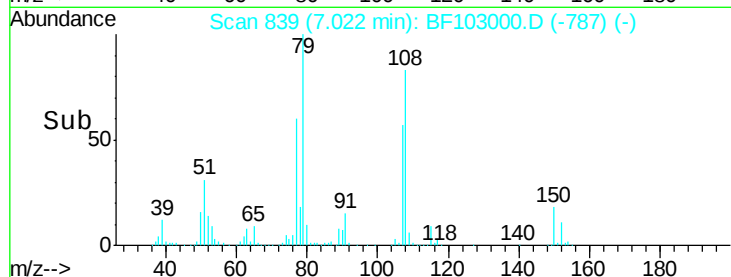
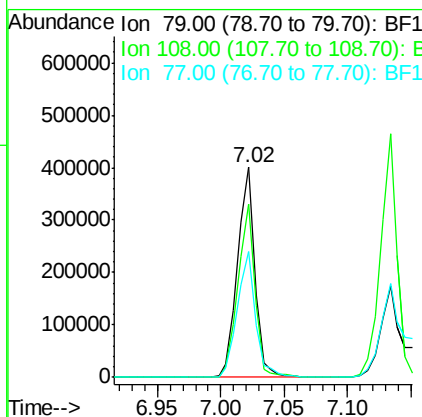
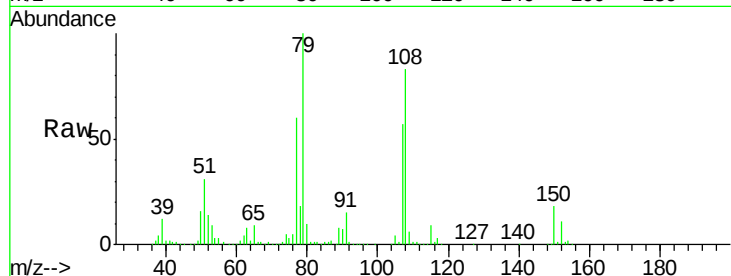
ClientSampleId :

4-15-TRENCH-2-NW-(2-4)MS

Tot Ion:	79	Resp:	379081
Ion Ratio	Lower	Upper	
79	100		
108	82.7	65.1	97.7
77	59.8	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.969 ng

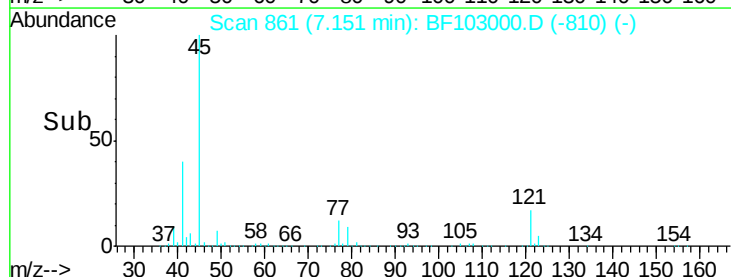
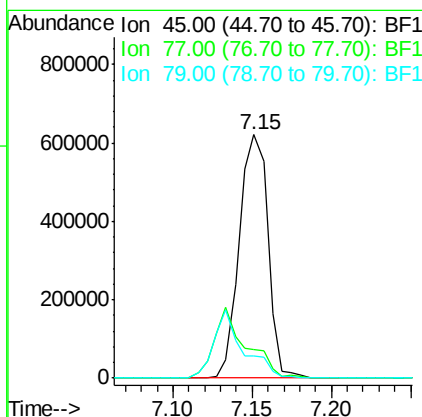
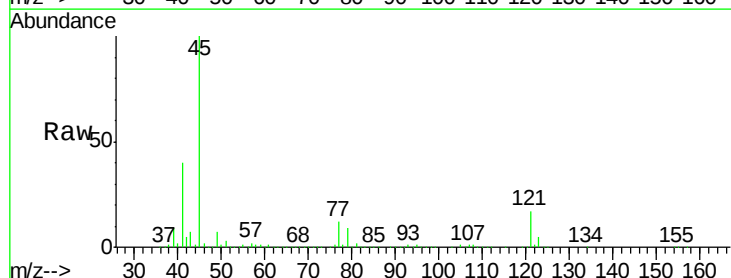
RT: 7.15 min Scan# 861

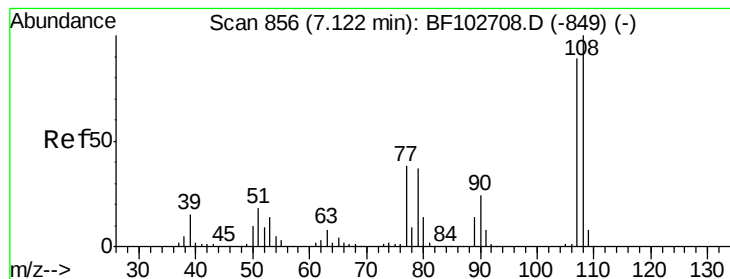
Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Tgt Ion:	45	Resp:	777372
Ion Ratio	Lower	Upper	
45	100		
77	11.9	0.0	32.9
79	9.1	0.0	29.6





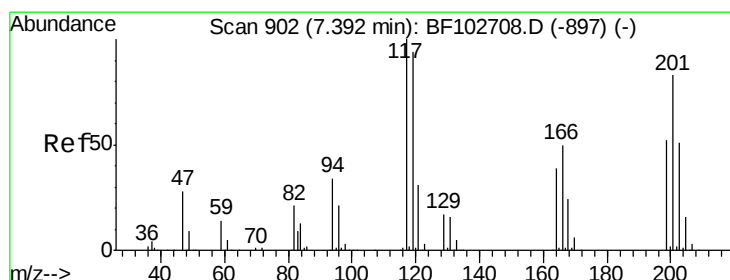
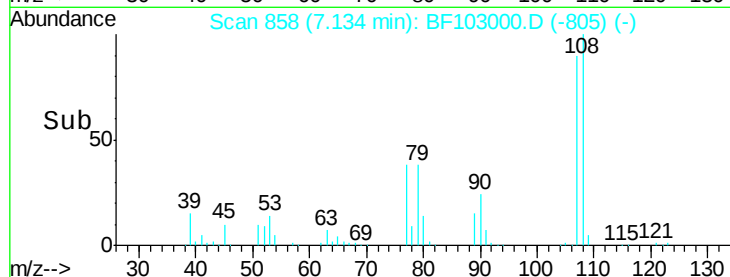
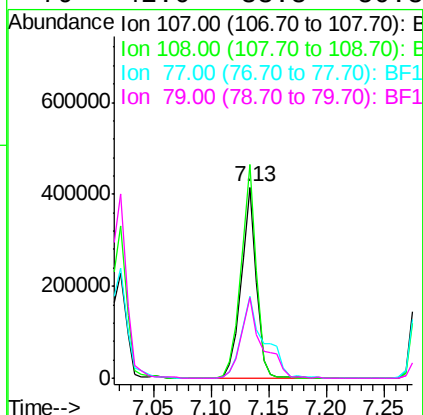
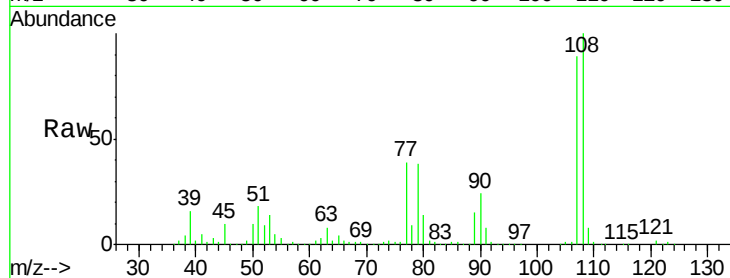
#17
2-Methylphenol
Concen: 33.506 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.9	91.7	137.5	
77	43.2	33.8	50.8	
79	42.0	33.8	50.8	

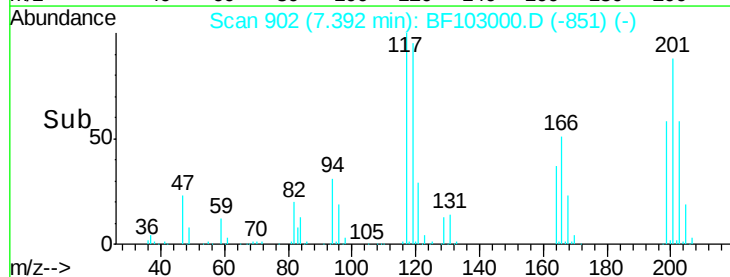
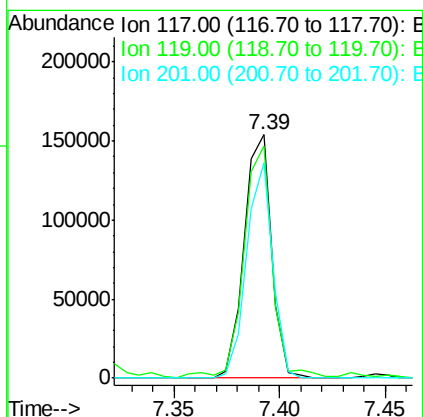
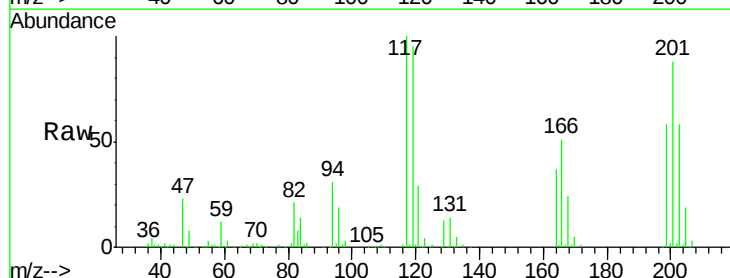
Manual Integrations
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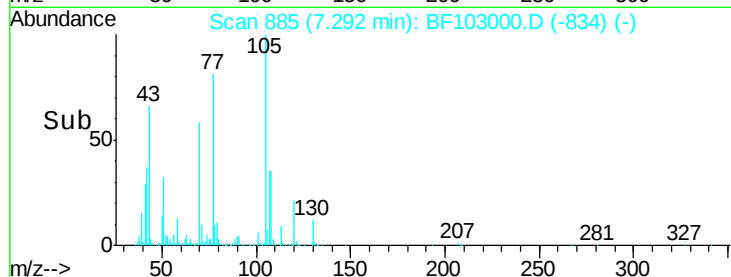
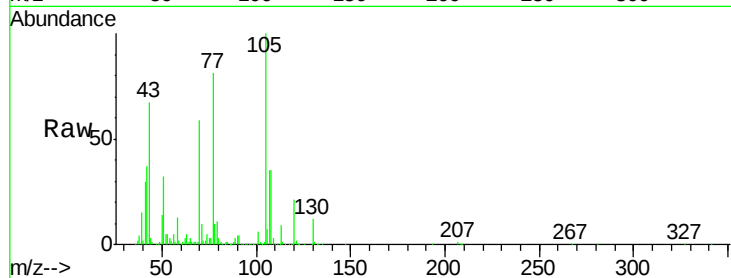
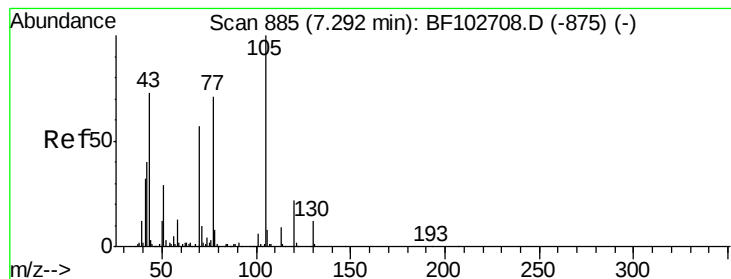
Sohil
2/15/2018 11:06:40 AM



#18
Hexachloroethane
Concen: 28.612 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	75.8	113.8	
201	88.3	75.7	113.5	





#19

n-Nitroso-di-n-propylamine

Concen: 31.054 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

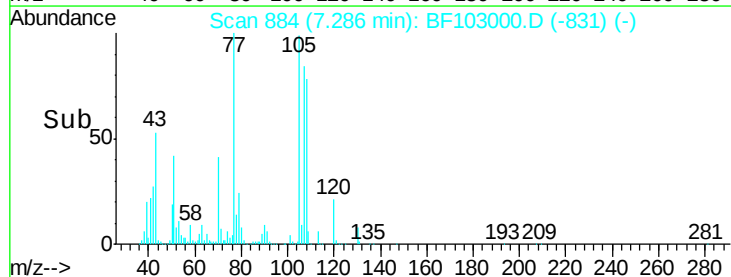
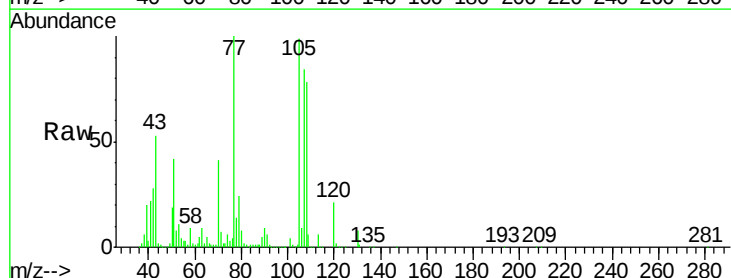
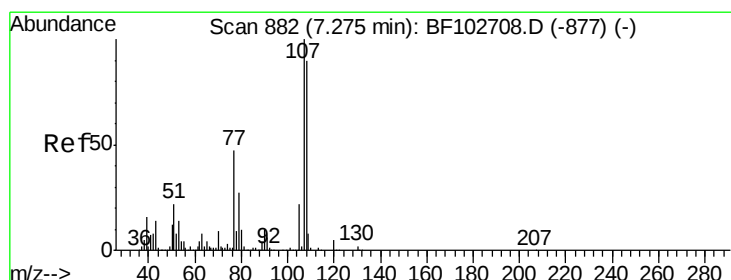
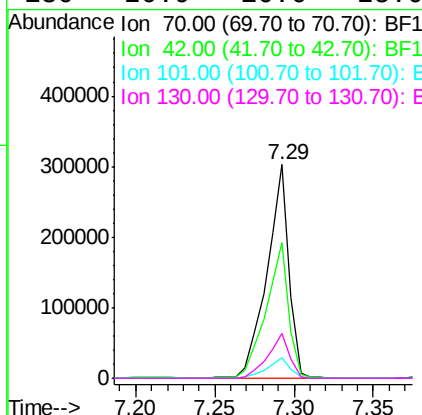
ClientSampleId :

4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	70	Resp	293903
Ion Ratio	Lower	Upper	
70	100		
42	63.7	47.5	71.3
101	9.5	7.4	11.2
130	20.9	16.6	25.0

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#20

3+4-Methylphenols

Concen: 31.086 ng

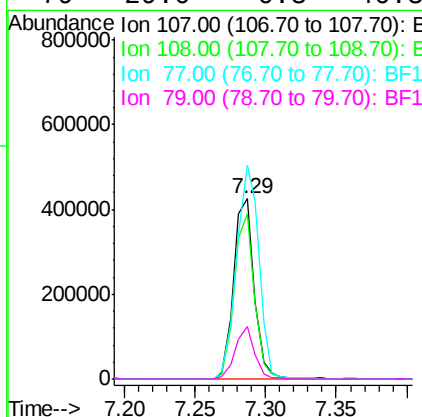
RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Tgt Ion	107	Resp	433990
Ion Ratio	Lower	Upper	
107	100		
108	92.1	68.2	108.2
77	118.7	26.7	66.7#
79	29.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

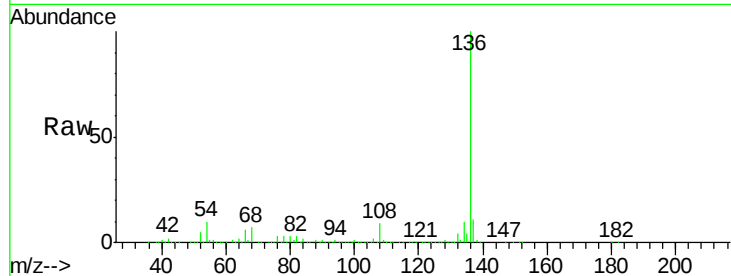
ClientSampleId :

4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		713150		
137	11.0		8.9	13.3	
54	10.5		6.6	9.8	
68	6.5		5.0	7.4	

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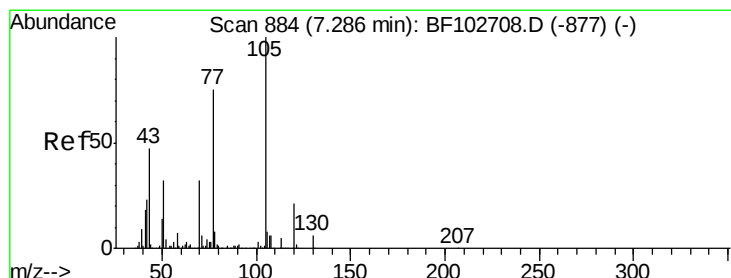
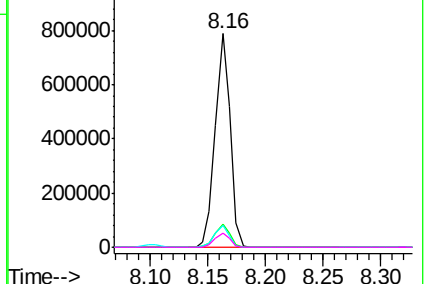
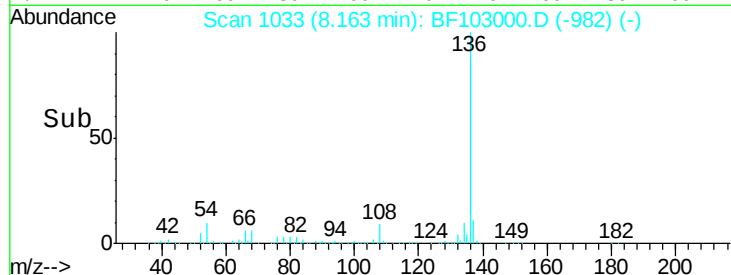


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 33.633 ng

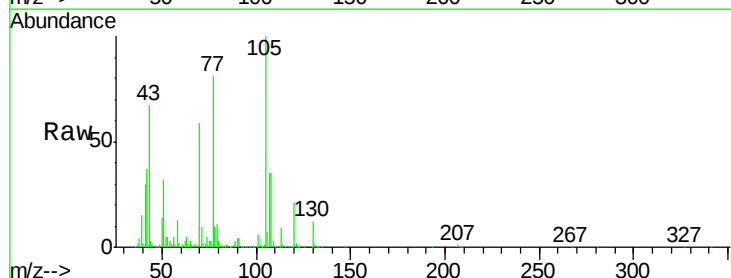
RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		586945		
71	10.1		4.4	6.6	
51	32.1		22.3	33.5	
120	21.4		16.9	25.3	

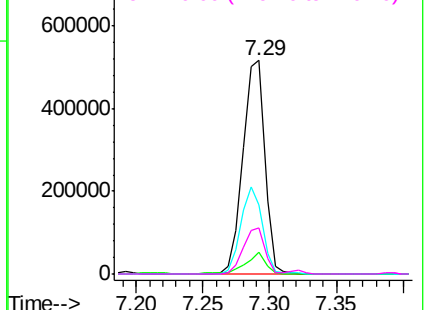
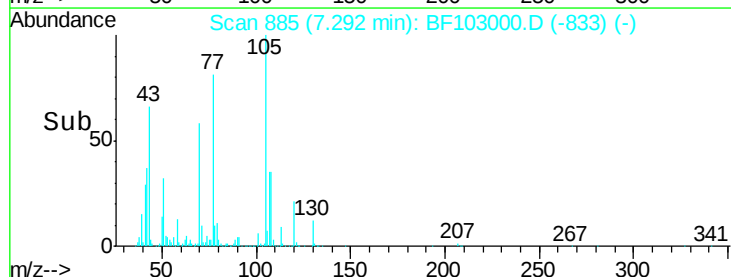


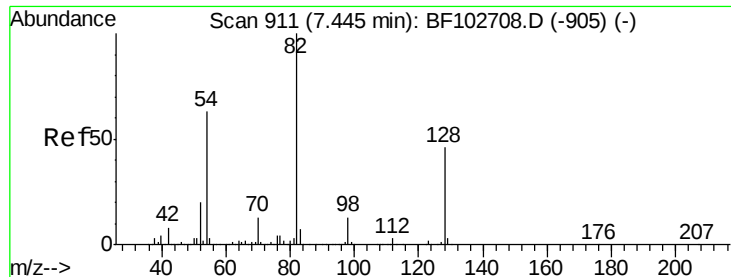
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





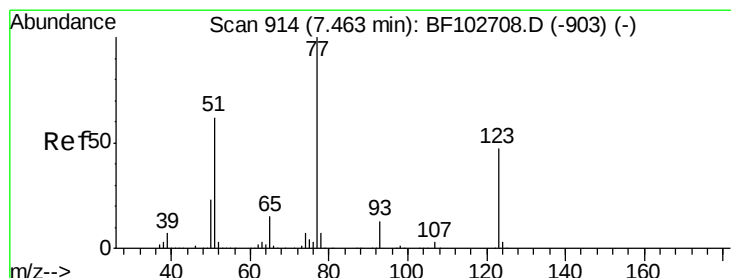
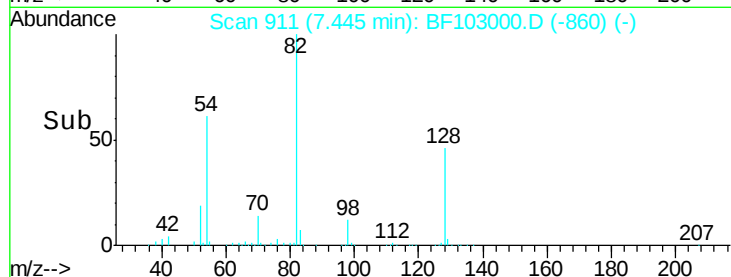
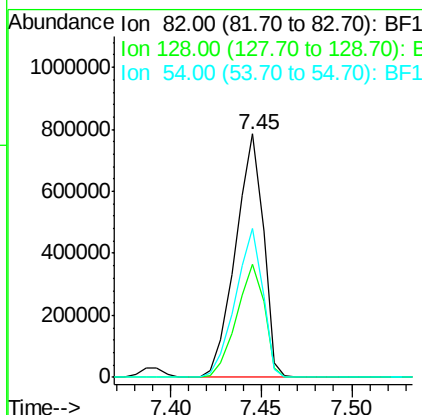
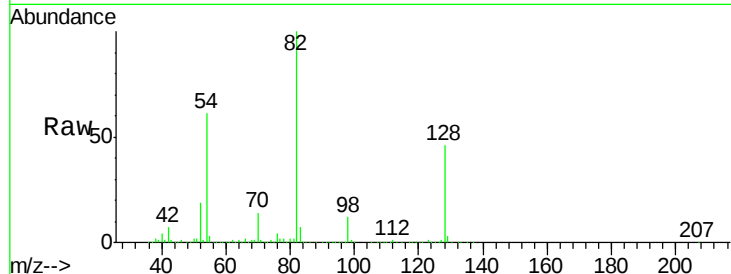
#23
Nitrobenzene-d5
Concen: 81.227 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.4	36.1	54.1	
54	61.1	41.4	62.2	

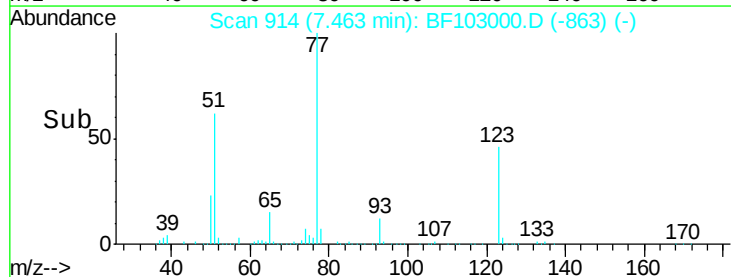
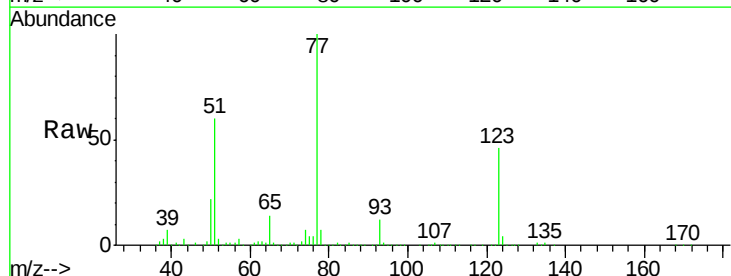
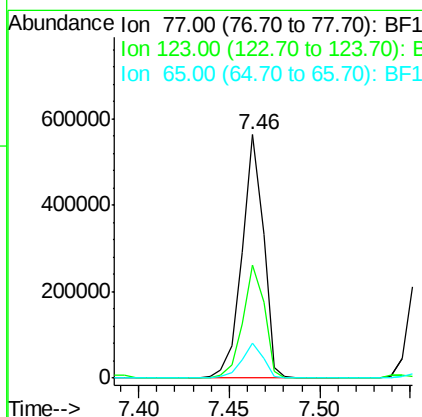
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#24
Nitrobenzene
Concen: 38.106 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.2	37.9	56.9	
65	14.3	11.0	16.4	





#25

Isophorone

Concen: 35.716 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

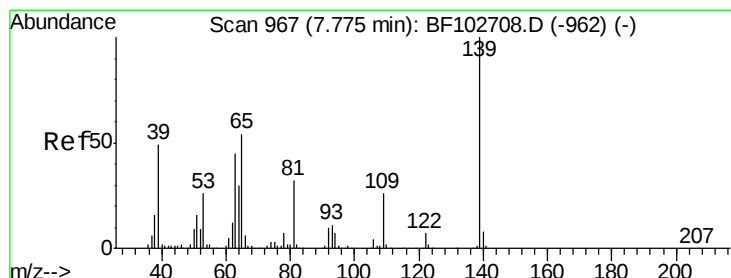
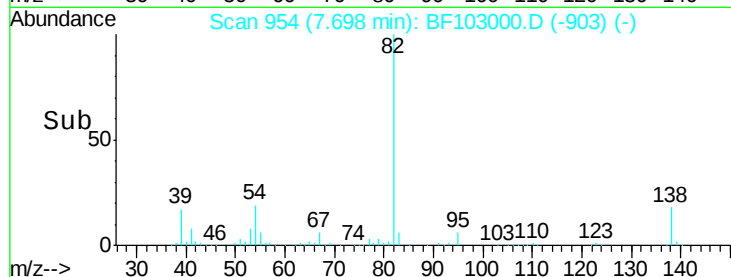
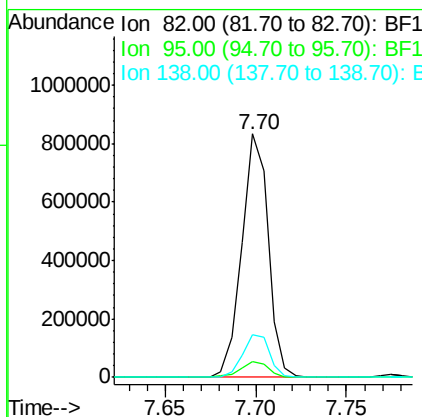
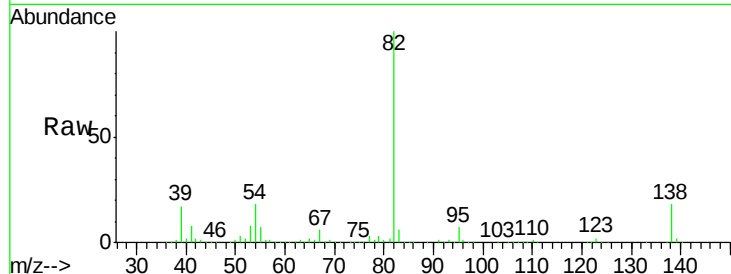
ClientSampleId :

4-15-TRENCH-2-NW-(2-4)MS

Tot Ion:	82	Resp:	845461
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.2	7.8
138	17.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 31.287 ng

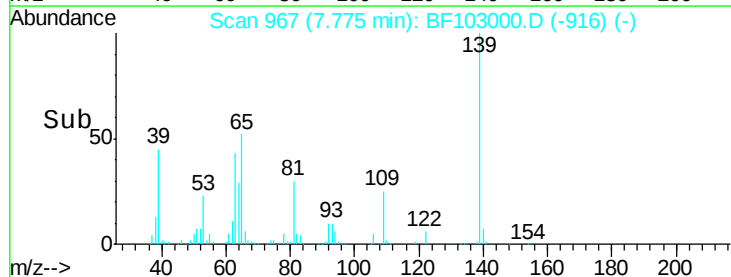
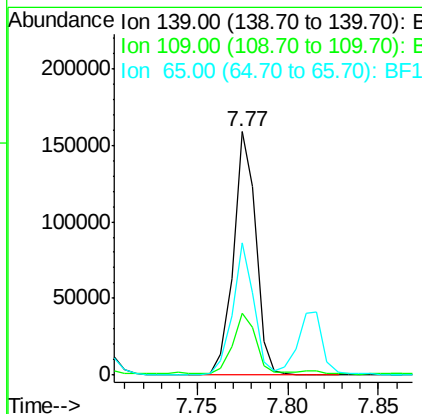
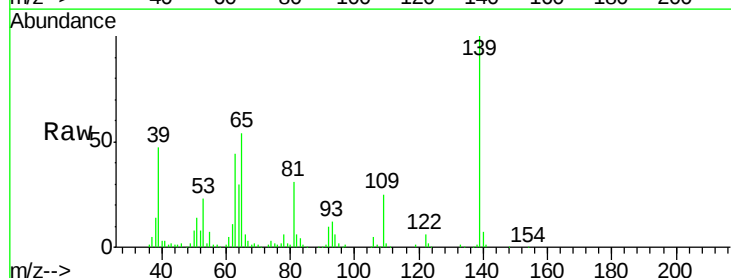
RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Tgt Ion:	139	Resp:	137138
Ion Ratio		Lower	Upper
139	100		
109	25.5	22.7	34.1
65	54.2	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 37.106 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

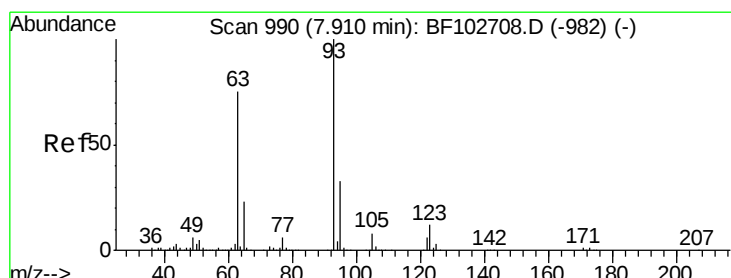
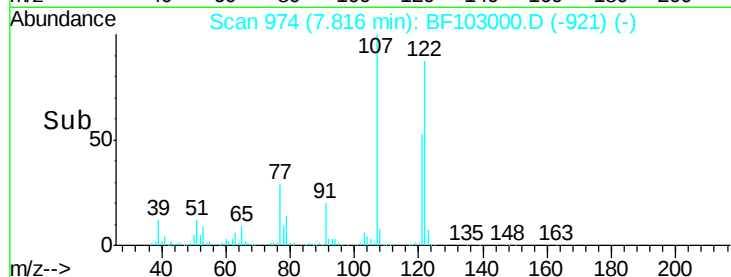
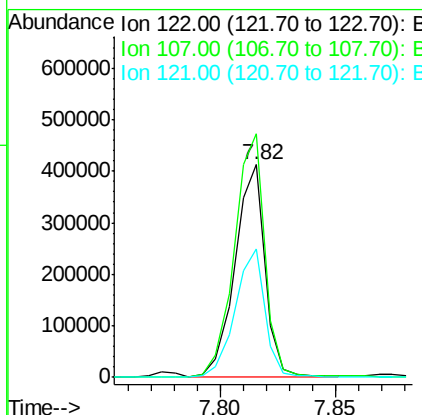
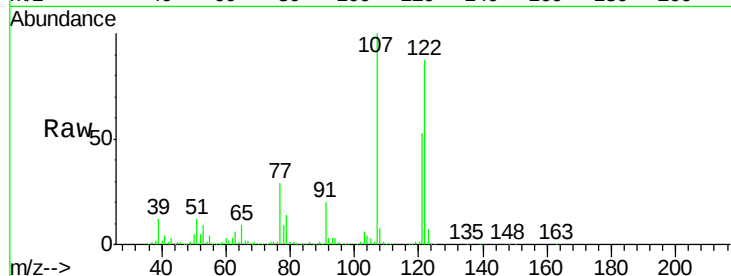
ClientSampleId :

4-15-TRENCH-2-NW-(2-4)MS

Tot Ion:	122	Resp:	371092
Ion Ratio	Lower	Upper	
122	100		
107	114.5	91.2	136.8
121	60.3	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 38.813 ng

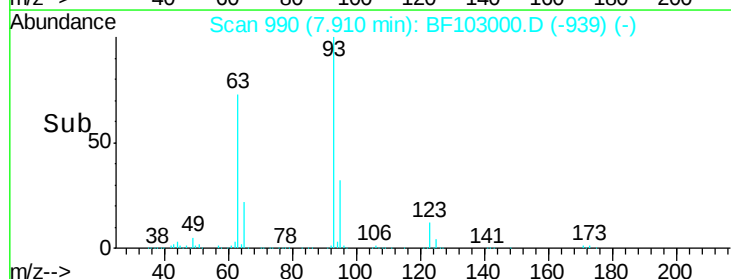
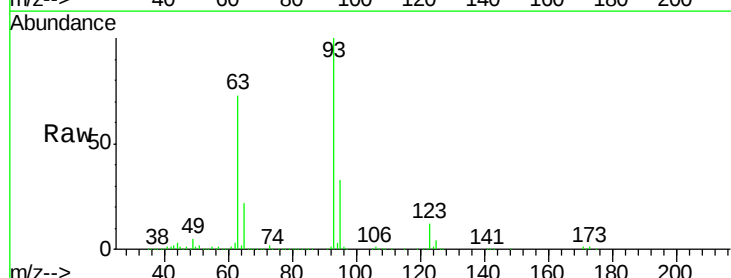
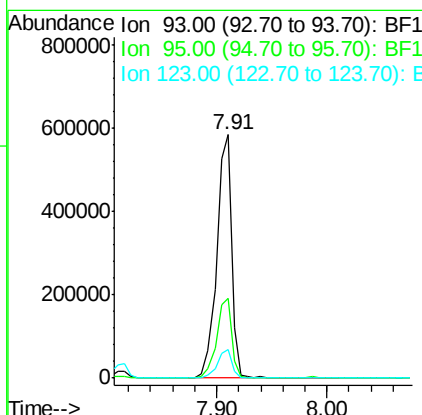
RT: 7.91 min Scan# 990

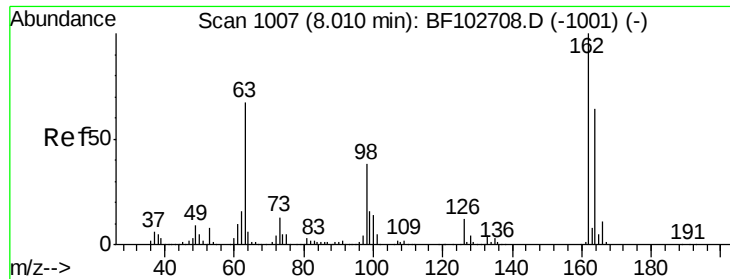
Delta R.T. 0.00 min

Lab File: BF103000.D

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Tgt Ion:	93	Resp:	544282
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.3	39.5
123	11.8	9.8	14.6





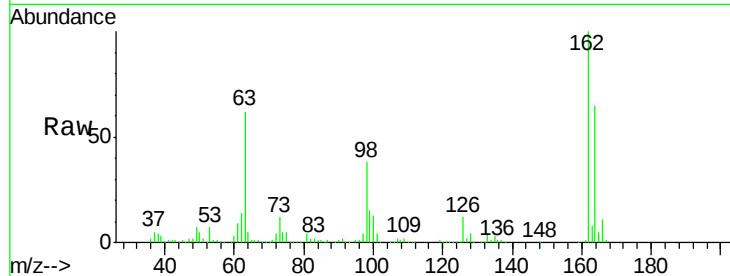
#29
2,4-Dichlorophenol
Concen: 34.795 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

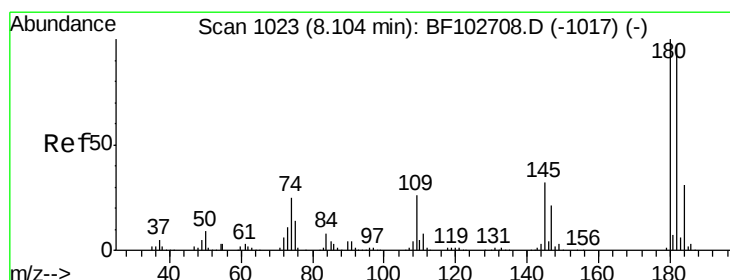
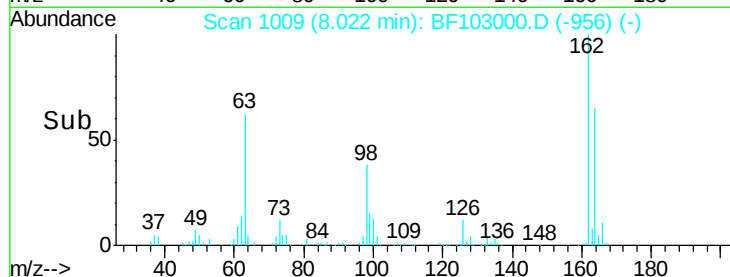
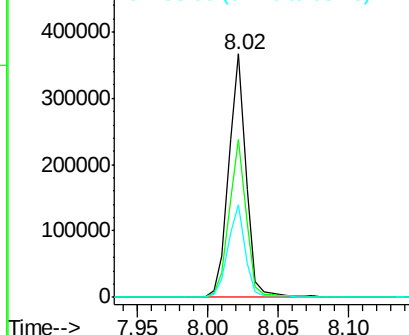
Tot Ion	Ratio	Resp	Lower	Upper
162	100	316336		
164	64.6	42.7	82.7	
98	38.2	18.1	58.1	

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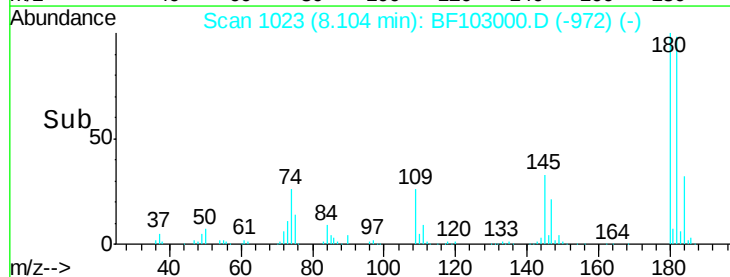
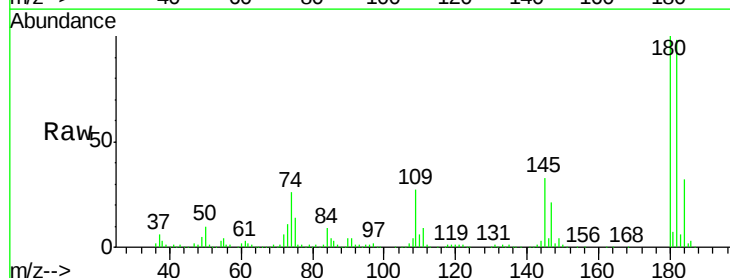
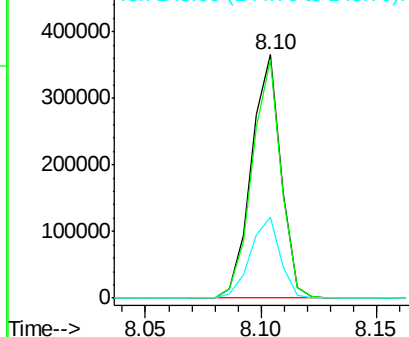
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

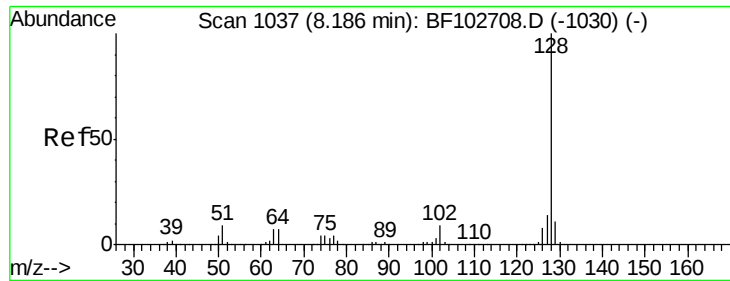


#30
1,2,4-Trichlorobenzene
Concen: 31.843 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	327509		
182	97.7	76.8	115.2	
145	33.3	26.5	39.7	

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





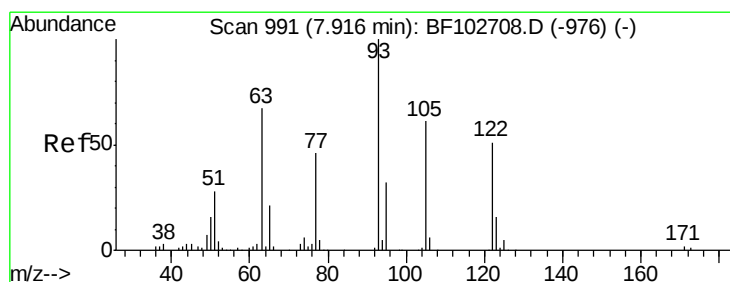
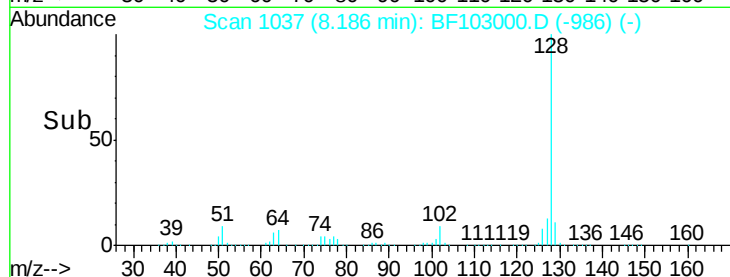
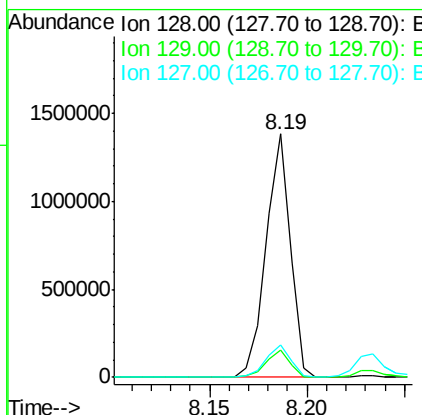
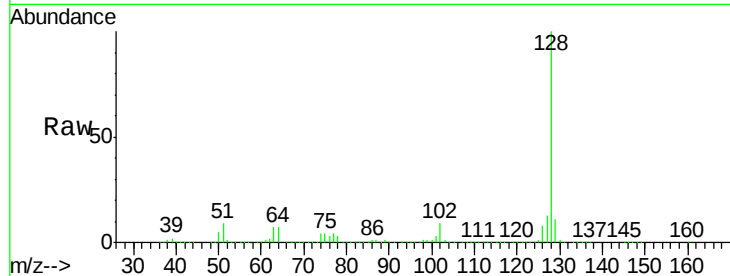
#31
Naphthalene
Concen: 34.247 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ion	Ratio	Lower	Upper
128	100			
129	11.4	8.8	13.2	
127	13.4	10.9	16.3	

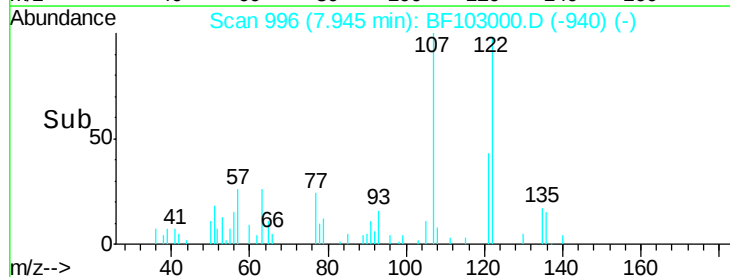
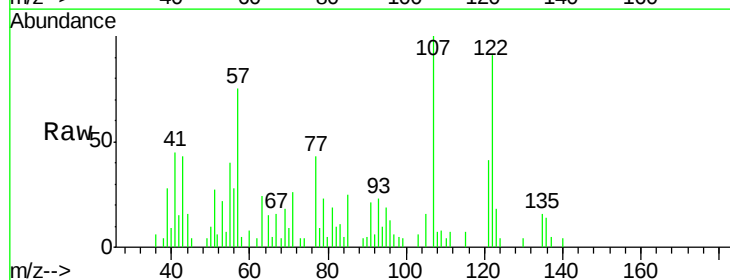
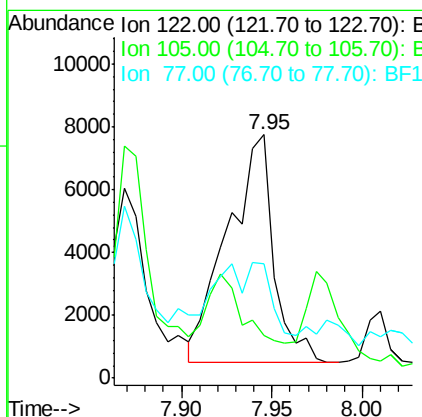
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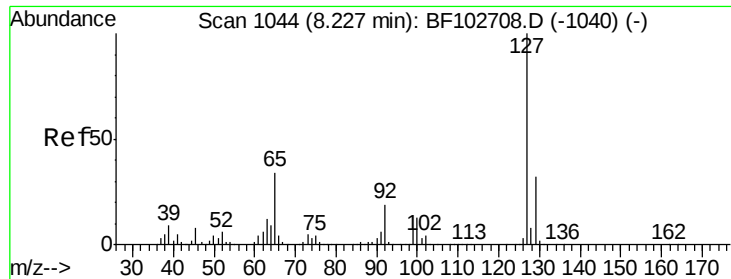
Sohil
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#32
Benzoic acid
Concen: 10.296 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.03 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ion	Ratio	Lower	Upper
122	100			
105	17.5	101.1	141.1#	
77	47.1	70.7	110.7#	





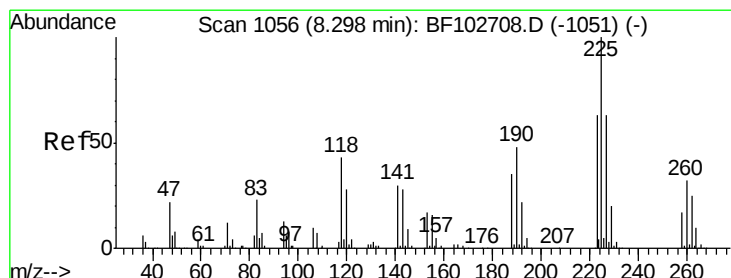
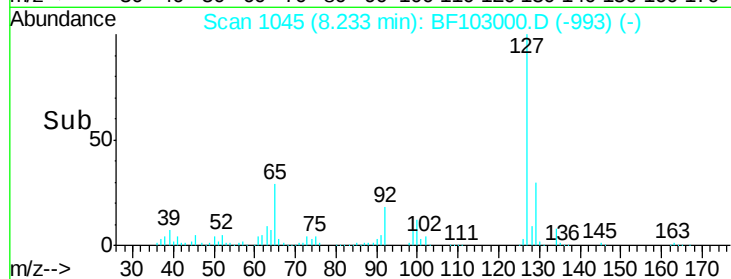
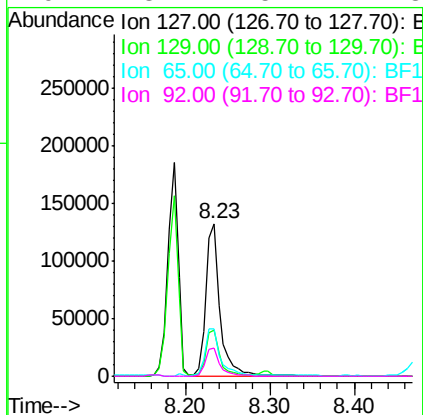
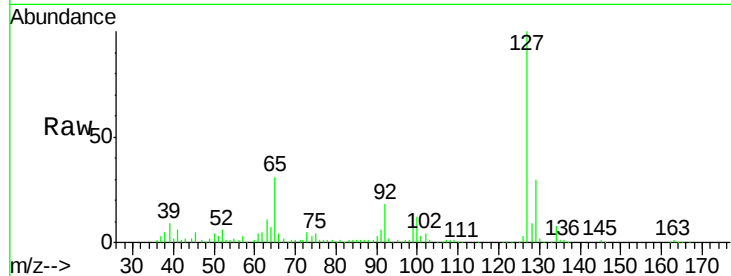
#33
4-Chloroaniline
Concen: 10.332 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		155082		
129	30.0		25.9	38.9	
65	30.8		25.0	37.4	
92	18.2		15.2	22.8	

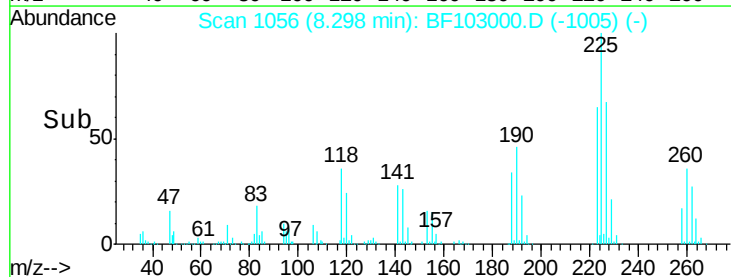
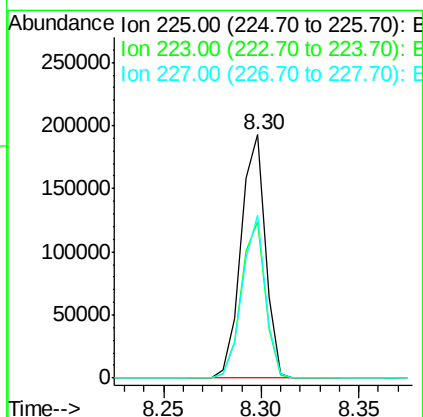
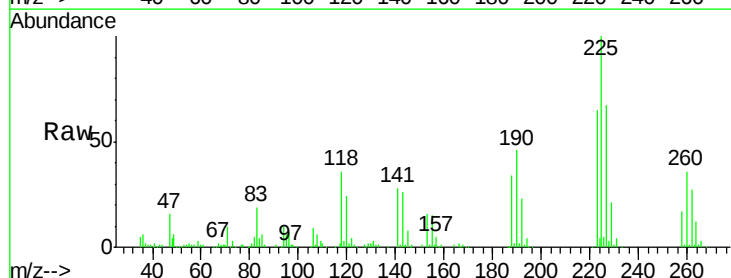
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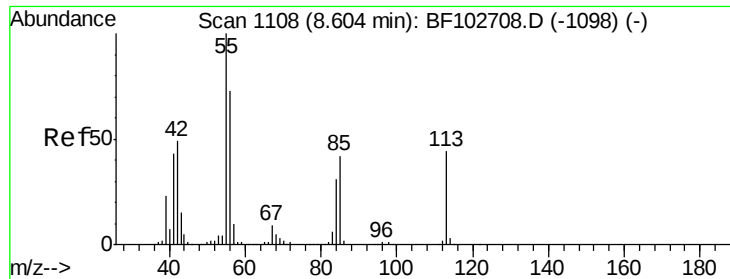
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#34
Hexachlorobutadiene
Concen: 31.768 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		167429		
223	64.5		50.6	76.0	
227	66.7		51.9	77.9	





#35

Caprolactam

Concen: 30.390 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

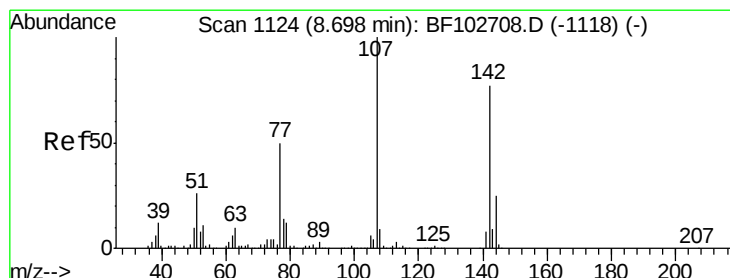
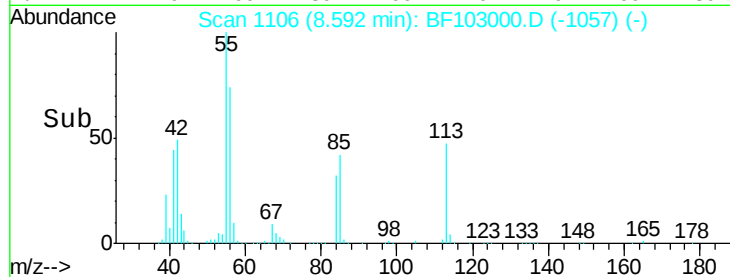
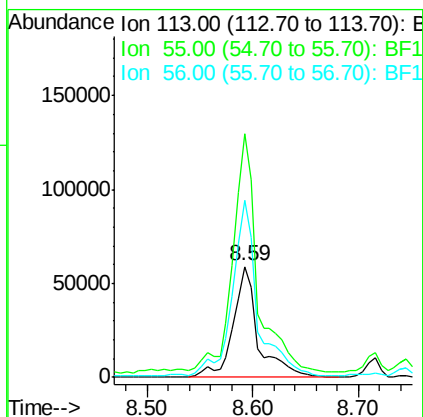
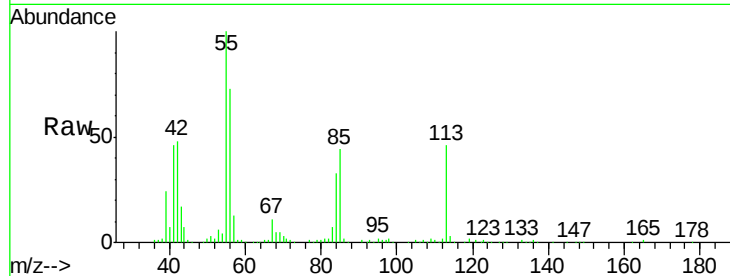
ClientSampleId :

4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	219.7	163.3	203.3#
56	159.9	115.7	155.7#

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#36

4-Chloro-3-methylphenol

Concen: 32.820 ng

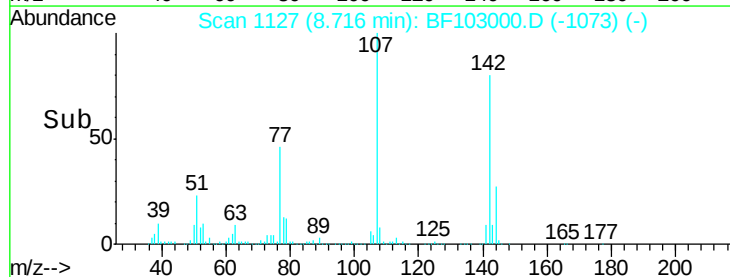
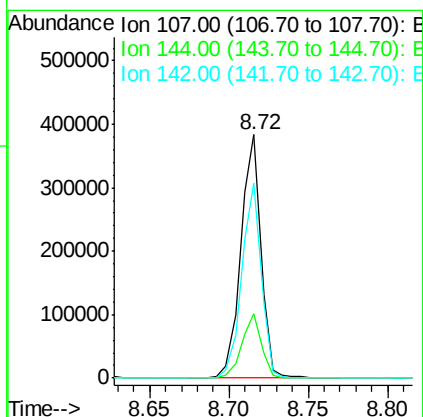
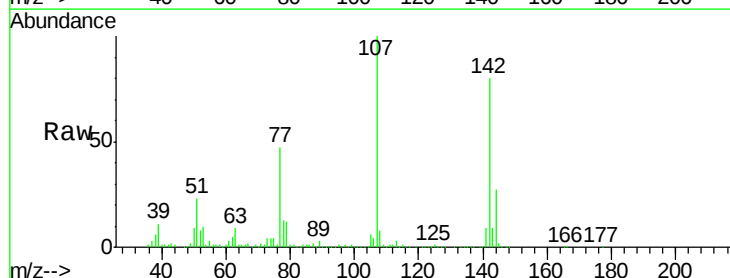
RT: 8.72 min Scan# 1127

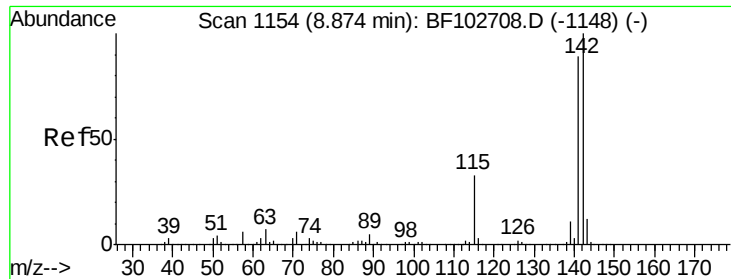
Delta R.T. 0.02 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.5	30.7
142	80.0	62.0	93.0





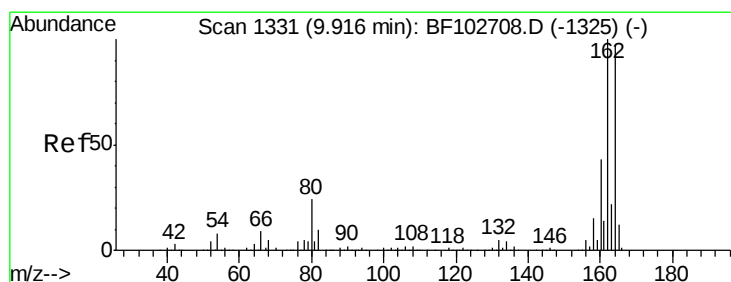
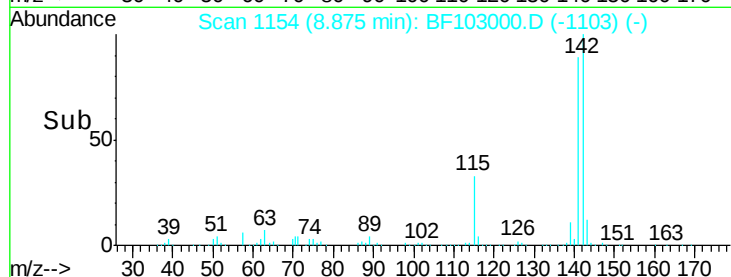
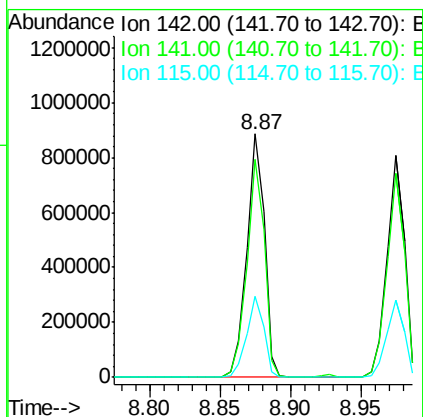
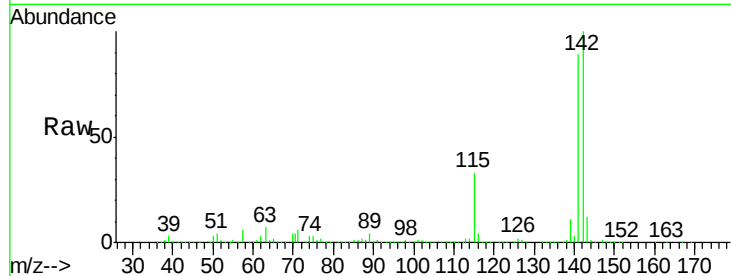
#37
2-Methylnaphthalene
Concen: 34.211 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	33.4	26.1	39.1

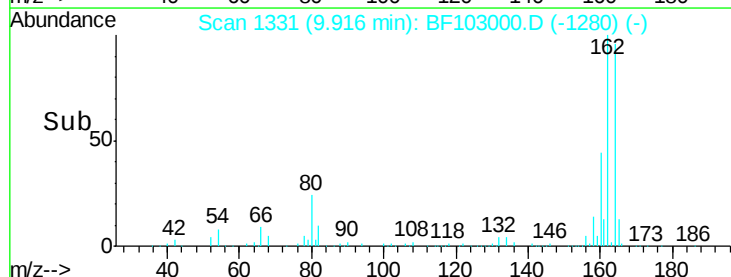
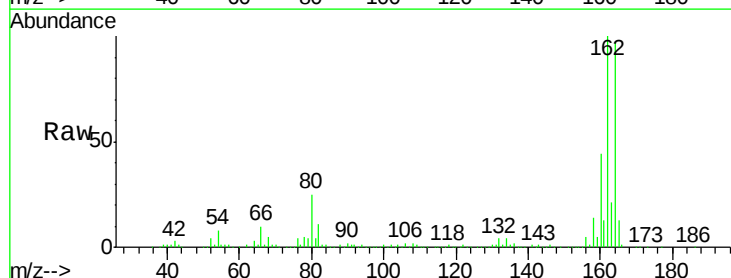
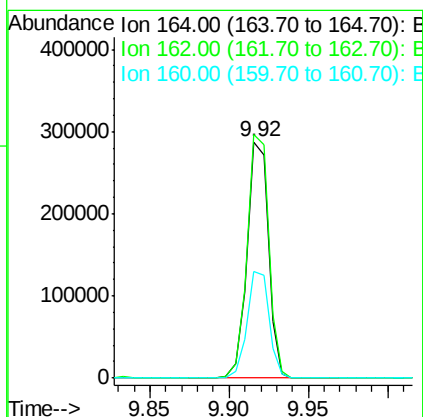
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	45.4	38.3	57.5





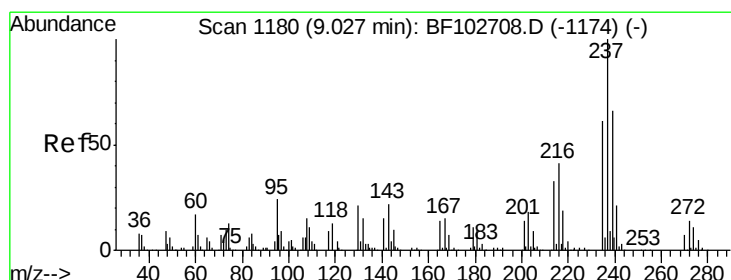
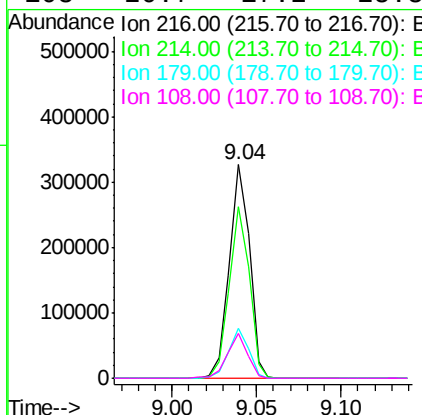
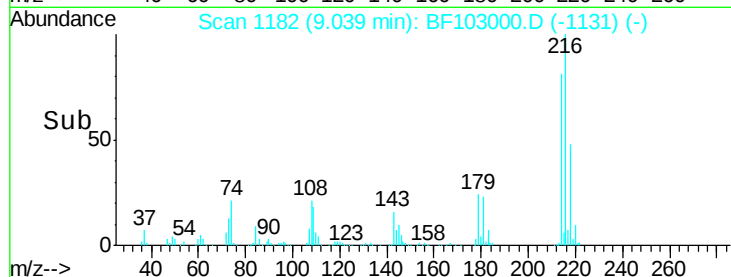
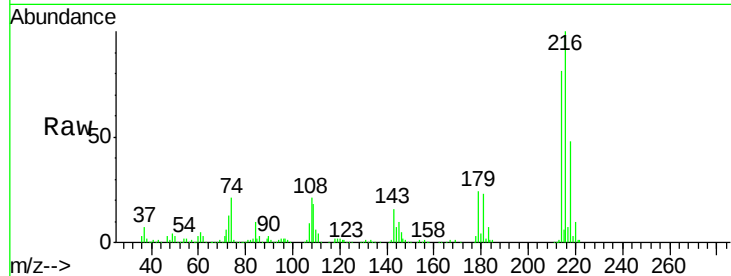
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.115 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Instrument :
 BNA_F
 ClientSampleId :
 4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.9		63.0	94.4	
179	23.2		18.1	27.1	
108	20.7		17.2	25.8	

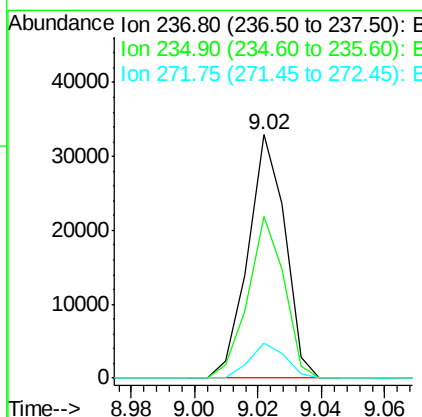
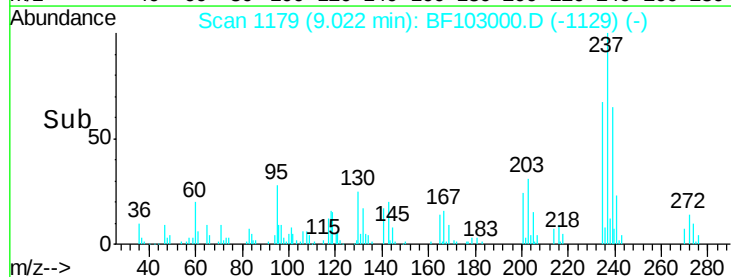
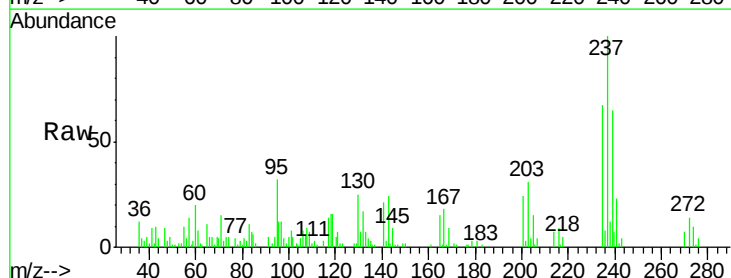
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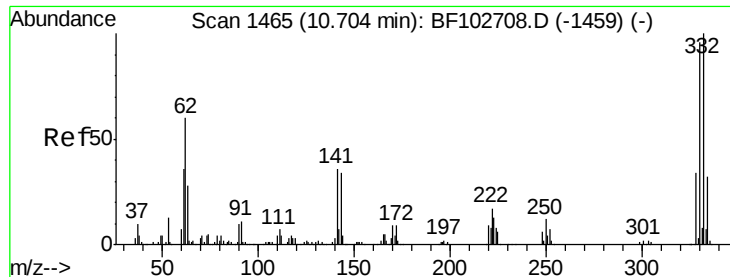
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#40
 Hexachlorocyclopentadiene
 Concen: 7.669 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	66.5		44.8	84.8	
272	14.4		0.0	33.3	





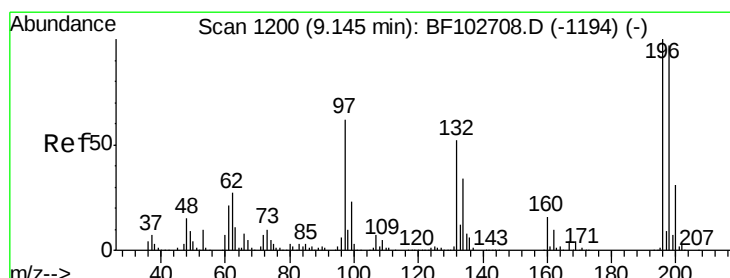
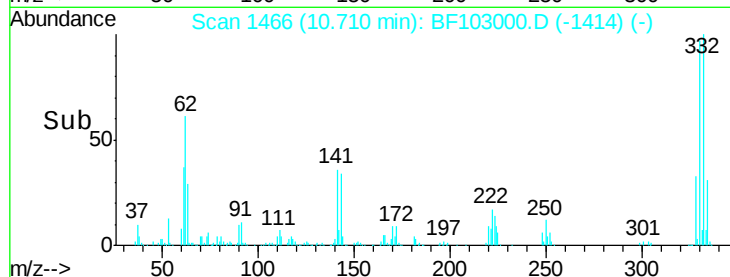
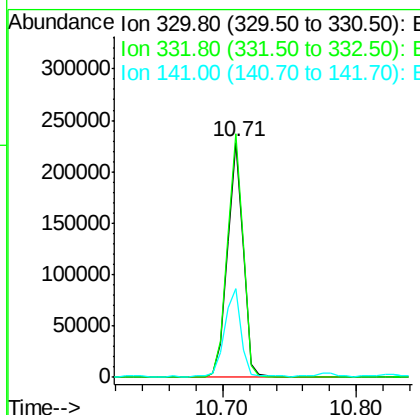
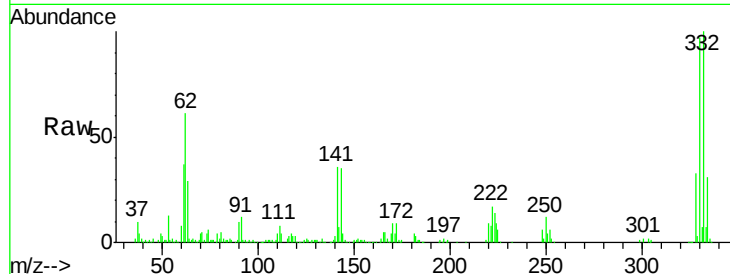
#41
 2,4,6-Tribromophenol
 Concen: 88.422 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Instrument :
 BNA_F
 ClientSampleId :
 4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	104.1	77.0	115.6	
141	39.6	29.9	44.9	

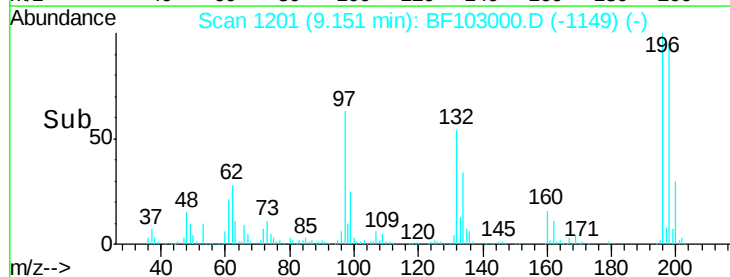
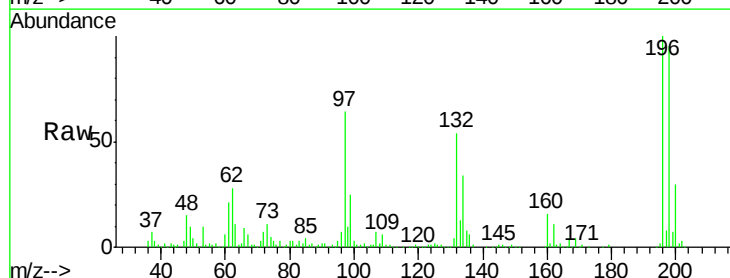
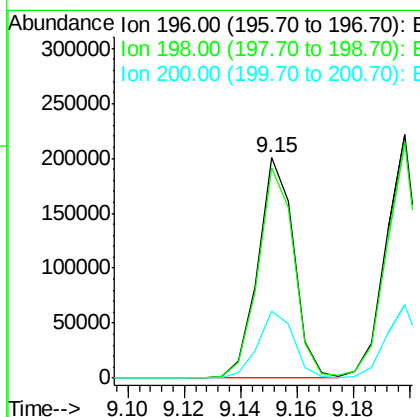
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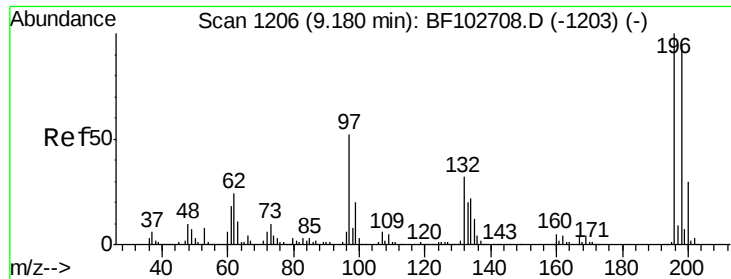
Sohil
 2/15/2018 11:06:40 AM



#42
 2,4,6-Trichlorophenol
 Concen: 36.896 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.4	75.7	113.5	
200	30.3	24.5	36.7	





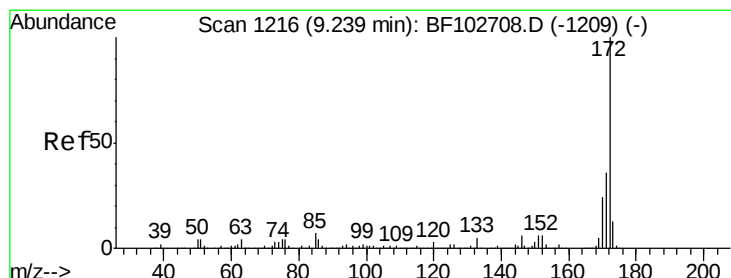
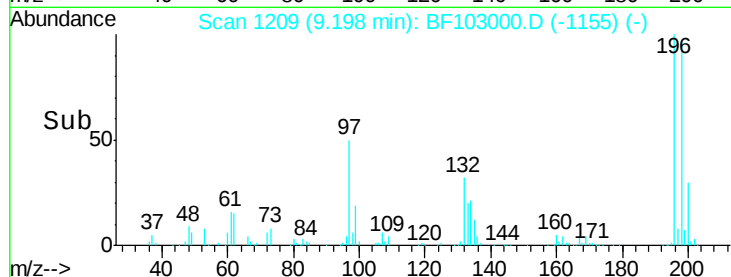
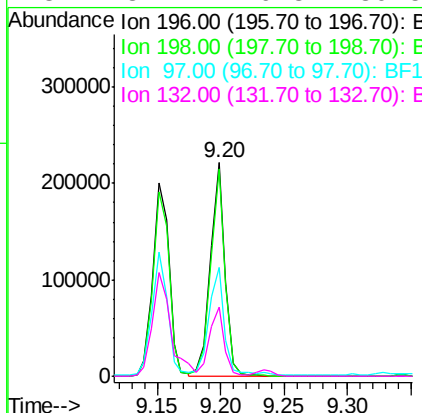
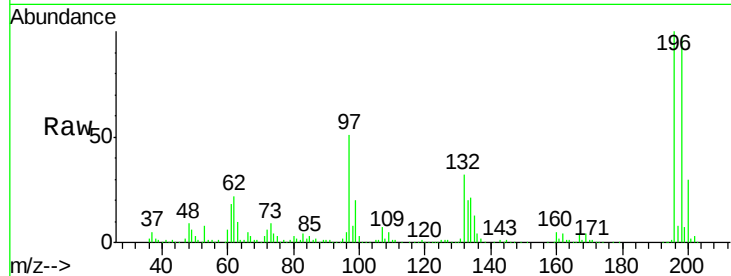
#43
 2,4,5-Trichlorophenol
 Concen: 33.513 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.02 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Instrument :
 BNA_F
 ClientSampleId :
 4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		181747		
198	96.8	74.6	112.0		
97	51.0	42.9	64.3		
132	32.1	26.3	39.5		

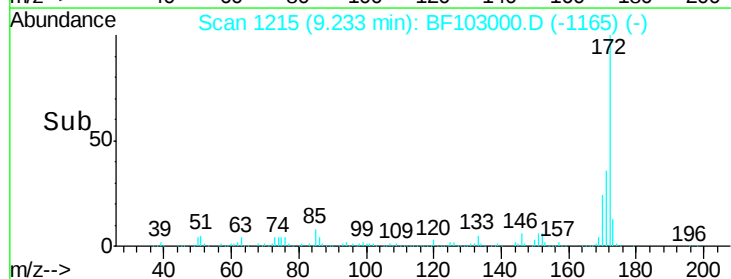
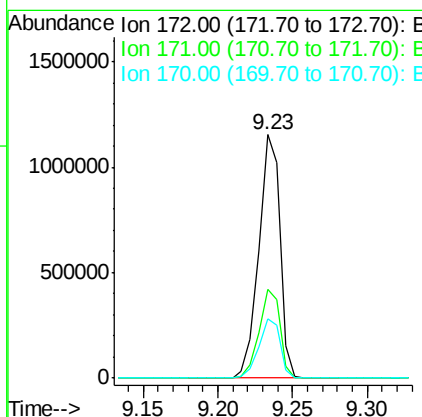
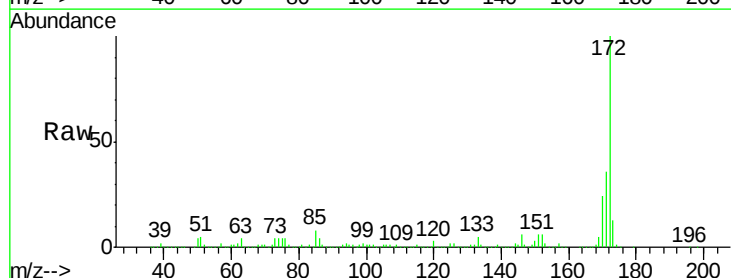
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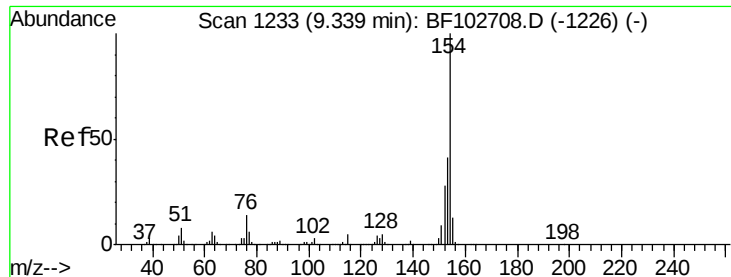
Sohil
 2/15/2018 11:06:40 AM



#44
 2-Fluorobiphenyl
 Concen: 68.743 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1114561		
171	36.4	29.7	44.5		
170	24.4	19.6	29.4		





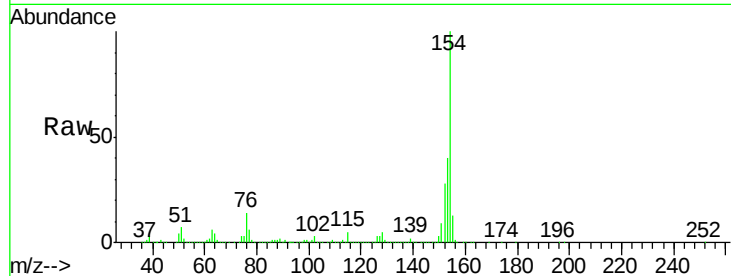
#45
1,1'-Biphenyl
Concen: 35.788 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

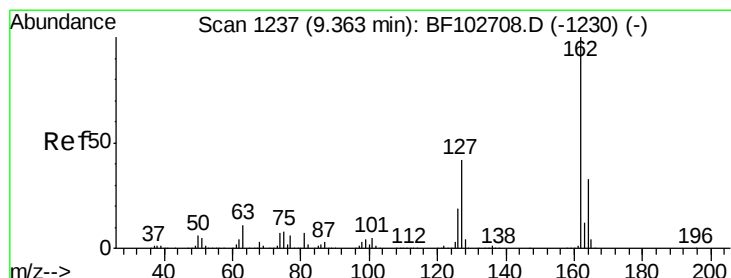
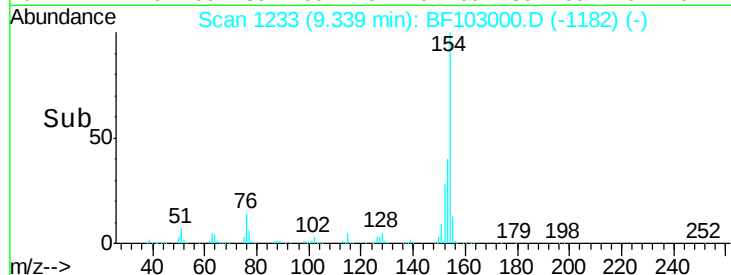
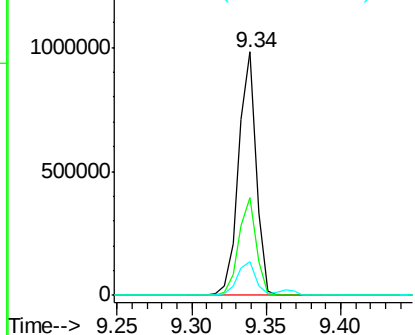
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.0	21.3	61.3	
76	13.8	0.0	34.0	

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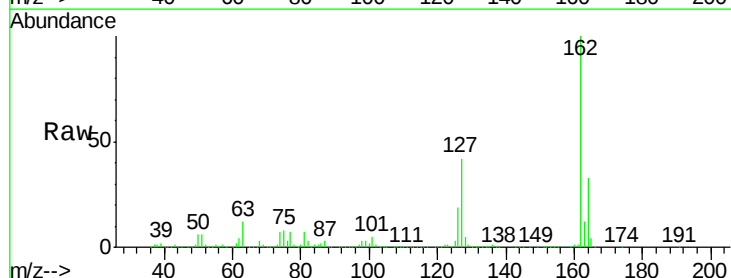


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

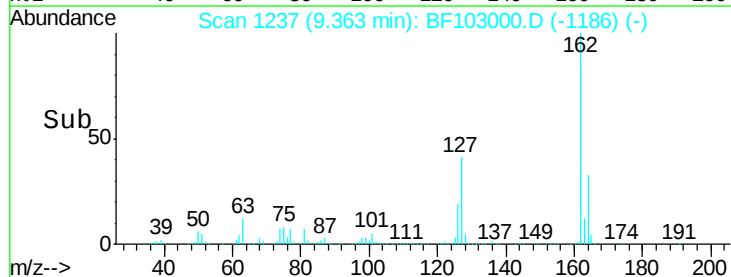
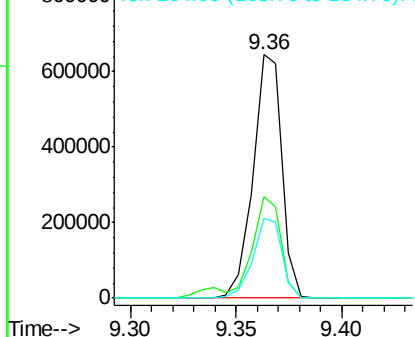


#46
2-Chloronaphthalene
Concen: 34.386 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.5	33.9	50.9	
164	32.7	26.5	39.7	



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





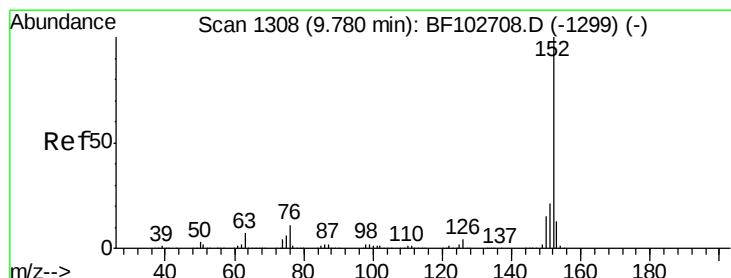
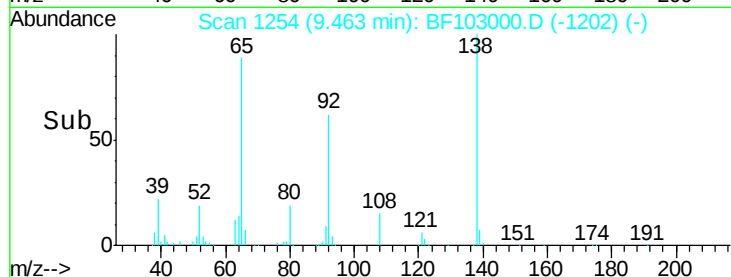
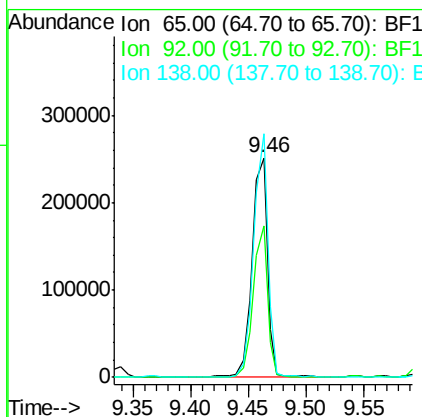
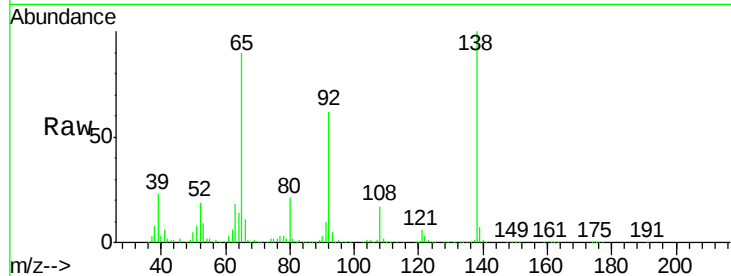
#47
2-Nitroaniline
Concen: 42.642 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	232441		
92	68.9	55.8	83.6	
138	110.8	91.2	136.8	

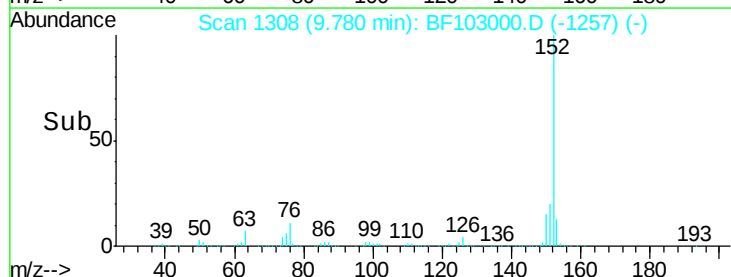
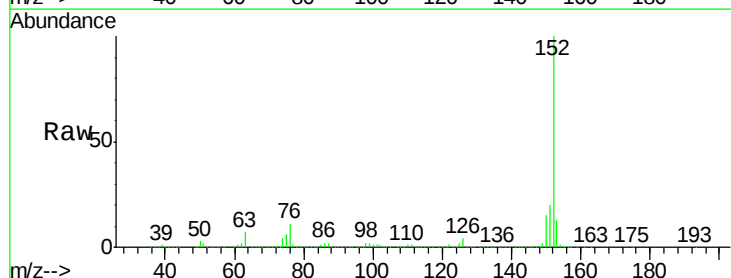
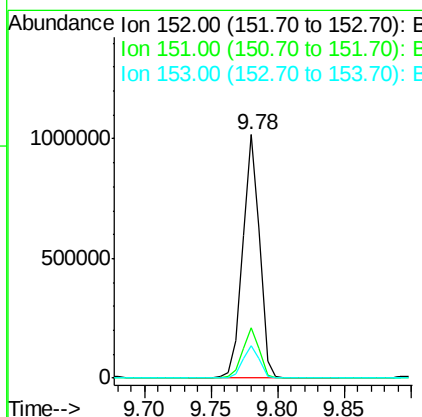
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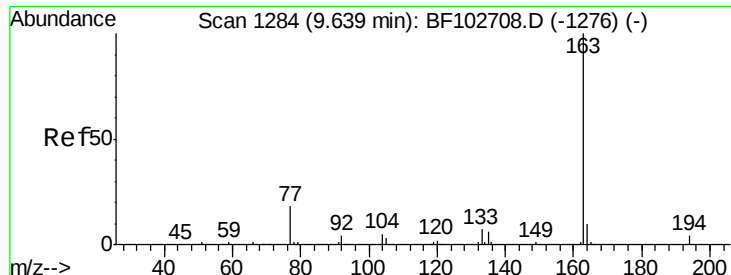
Sohil
2/15/2018 11:06:40 AM



#48
Acenaphthylene
Concen: 32.050 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	888051		
151	20.4	16.3	24.5	
153	13.2	10.7	16.1	





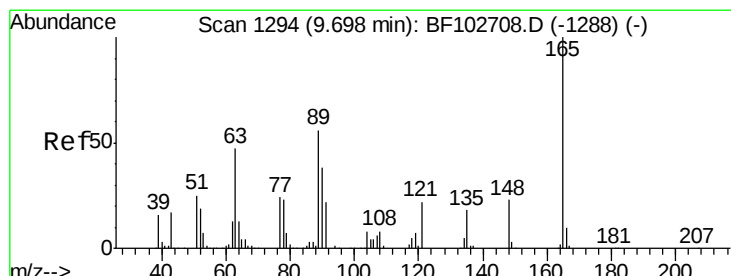
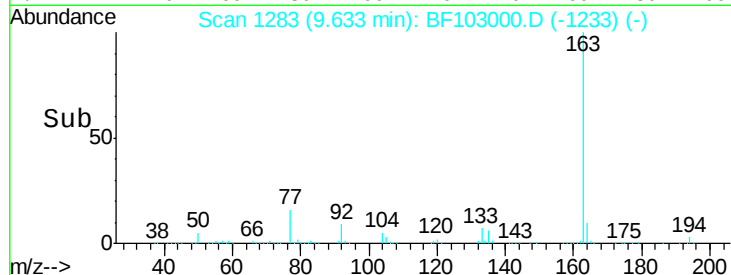
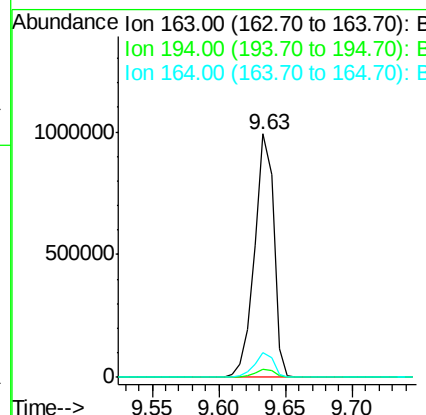
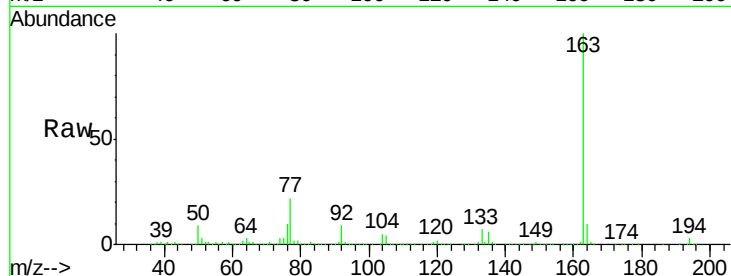
#49
Dimethylphthalate
Concen: 46.199 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	2.7	4.1	
164	10.3	8.2	12.2	

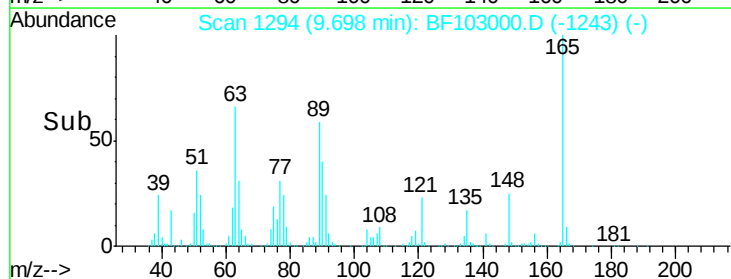
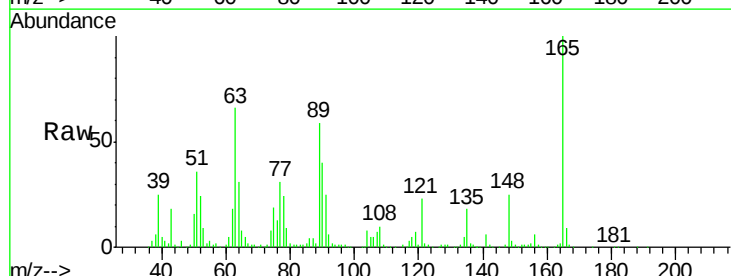
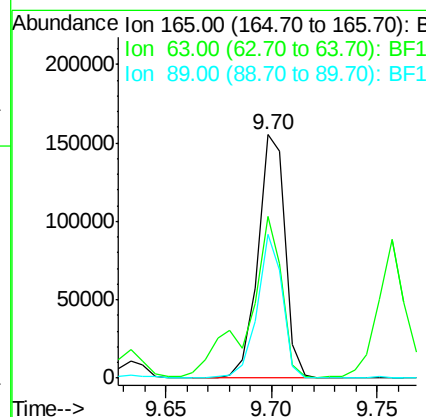
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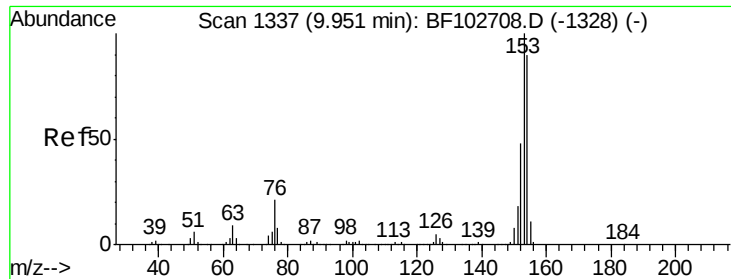
Sohil
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#50
2,6-Dinitrotoluene
Concen: 35.038 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.2	44.7	67.1	
89	59.3	44.0	66.0	





#51

Acenaphthene

Concen: 31.200 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

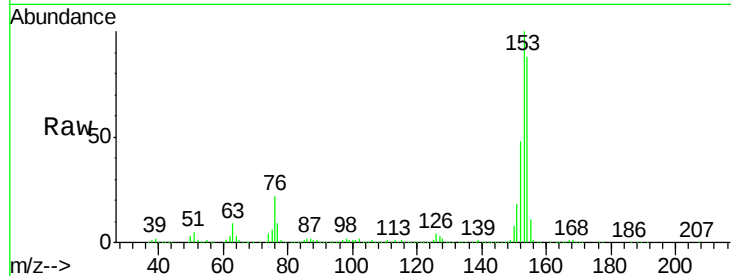
ClientSampleId :

4-15-TRENCH-2-NW-(2-4)MS

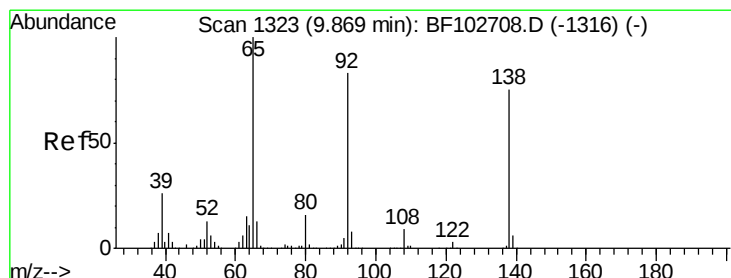
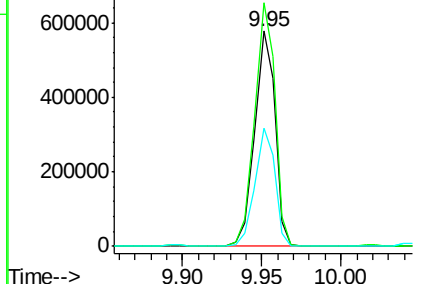
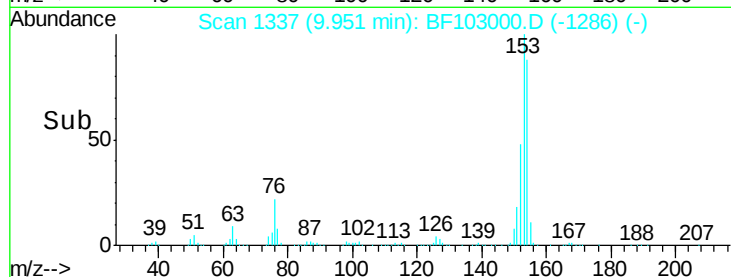
Tot Ion:	154	Resp:	516996
Ion Ratio	Lower	Upper	
154	100		
153	113.1	91.2	136.8
152	54.8	43.8	65.8

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



#52

3-Nitroaniline

Concen: 34.092 ng

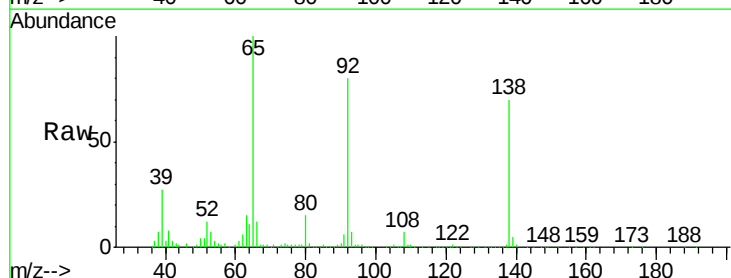
RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

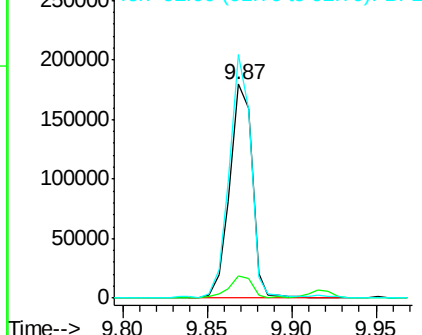
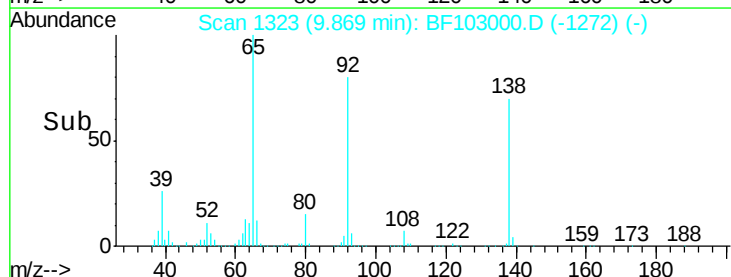
Lab File: BF103000.D

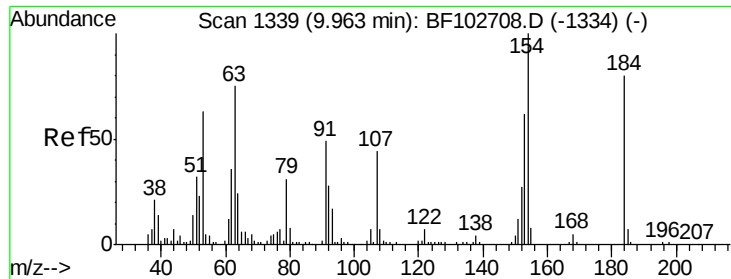
Acq: 14 Feb 2018 20:08

Tgt Ion:	138	Resp:	167417
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.4	14.0
92	113.8	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





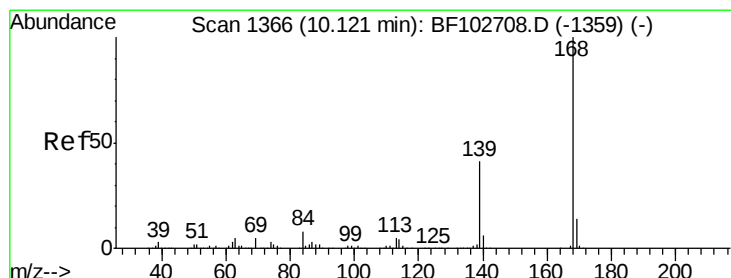
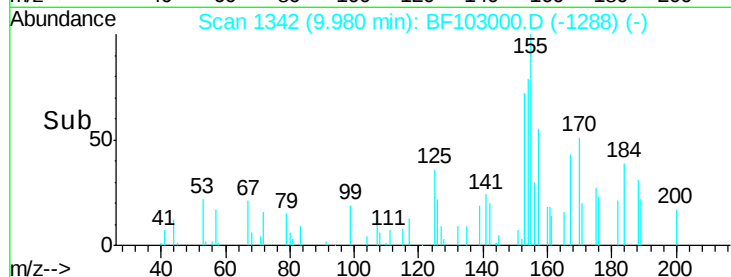
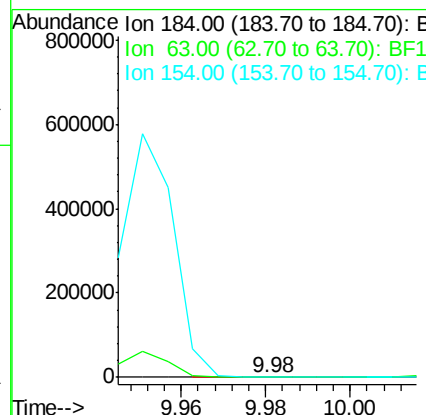
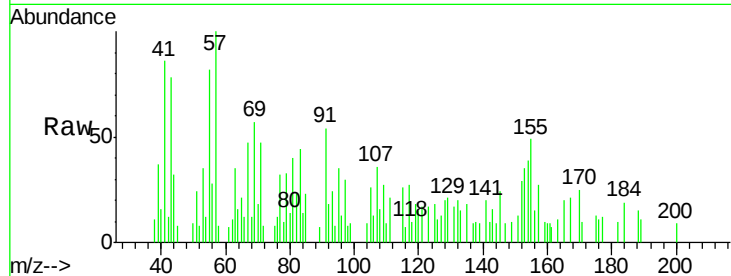
#53
2,4-Dinitrophenol
Concen: 8.785 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	182.3	54.2	81.2#
154	202.8	184.0	276.0

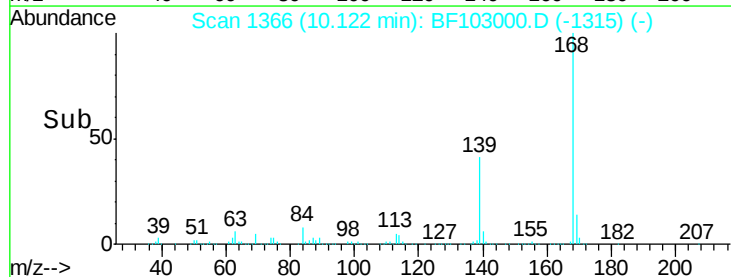
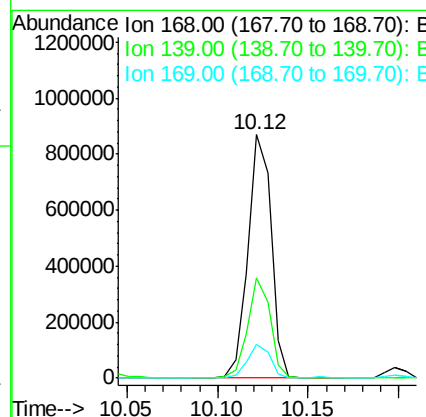
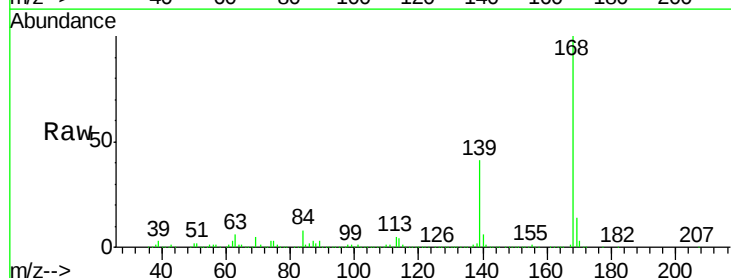
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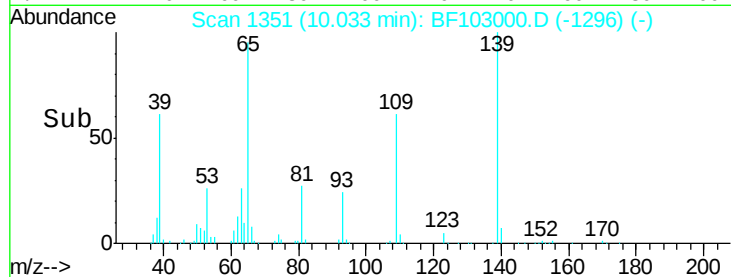
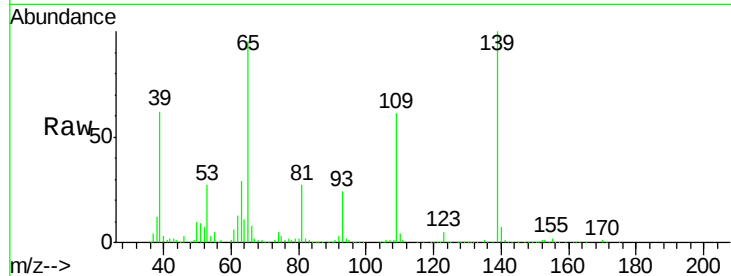
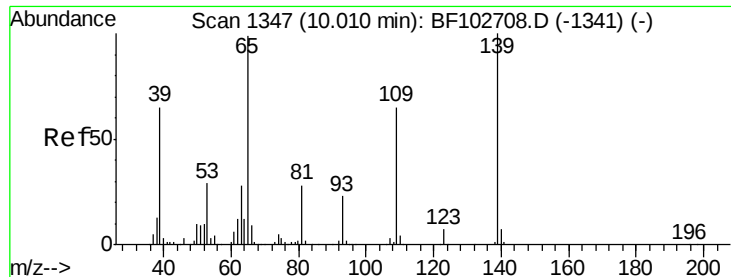
Sohil
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#54
Dibenzofuran
Concen: 33.077 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.1	30.1	45.1
169	13.7	10.9	16.3





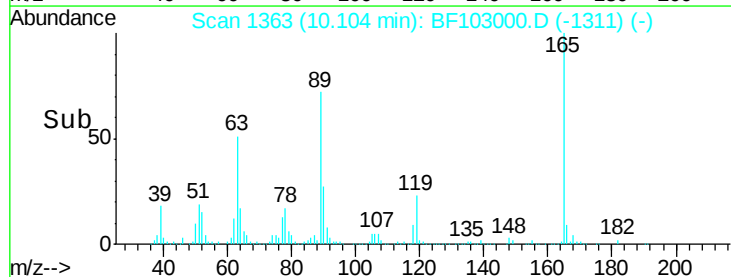
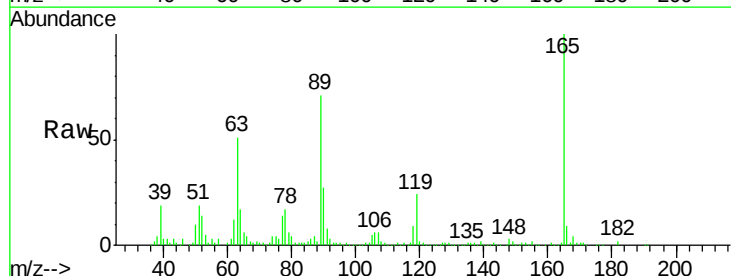
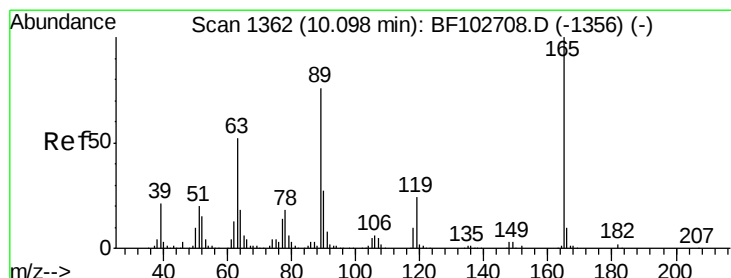
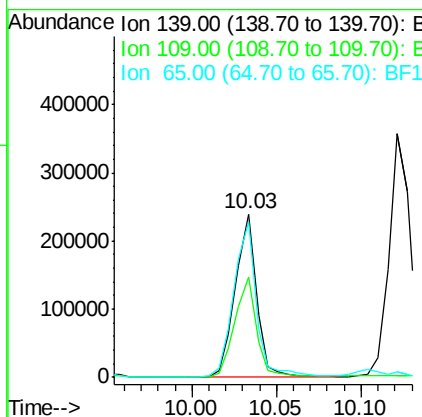
#55
4-Nitrophenol
Concen: 54.684 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.02 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tot Ion	Ratio	Resp	Lower	Upper
139	100	215271		
109	61.4	48.4	88.4	
65	95.2	72.6	112.6	

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

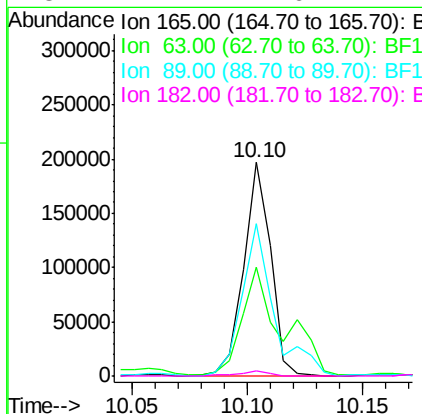
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#56
2,4-Dinitrotoluene
Concen: 31.063 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	160061		
63	50.7	36.4	54.6	
89	71.4	57.8	86.6	
182	2.4	1.6	2.4	





#57

Fluorene

Concen: 32.718 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

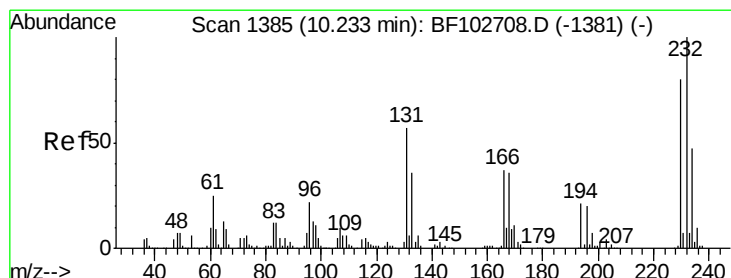
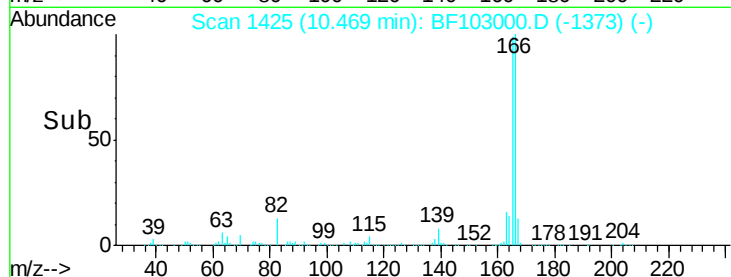
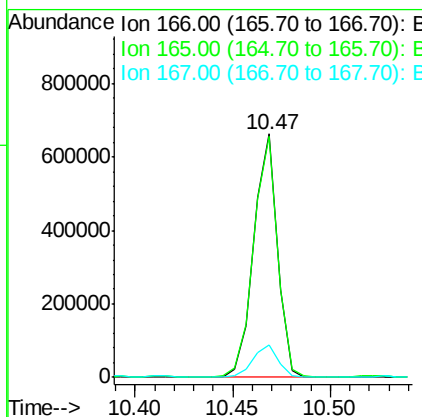
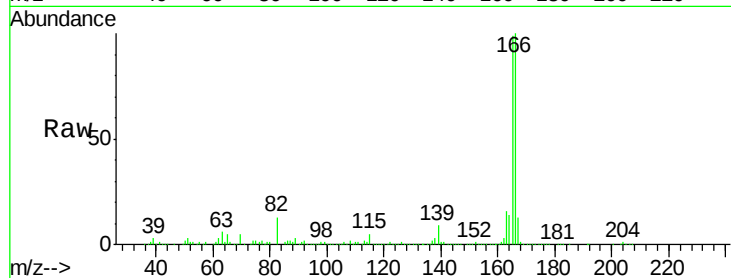
ClientSampleId :

4-15-TRENCH-2-NW-(2-4)MS

Tot Ion:	166	Resp:	555893
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.8	119.8
167	13.4	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 32.833 ng

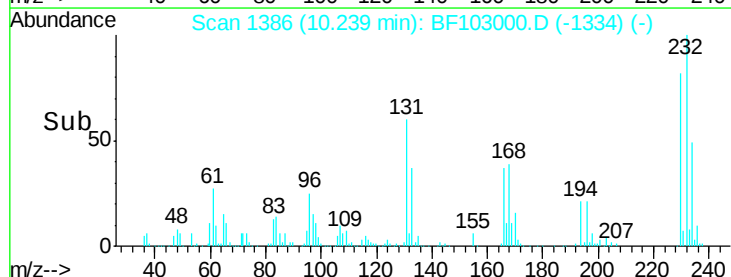
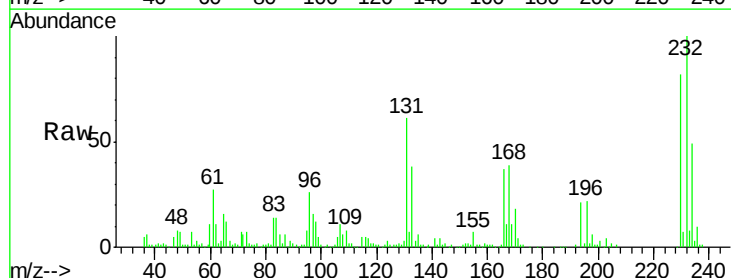
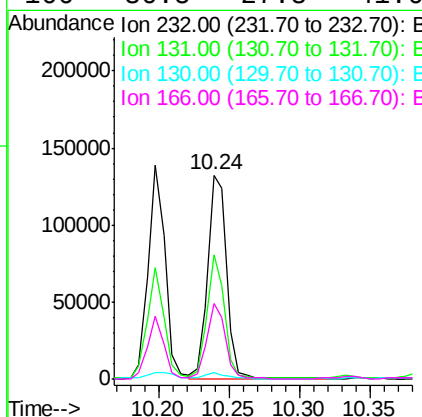
RT: 10.24 min Scan# 1386

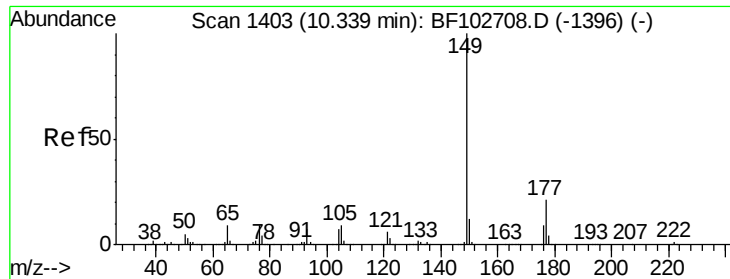
Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Tgt Ion:	232	Resp:	123408
Ion Ratio	Lower	Upper	
232	100		
131	54.7	43.8	65.8
130	4.2	2.1	3.1#
166	36.5	27.8	41.6





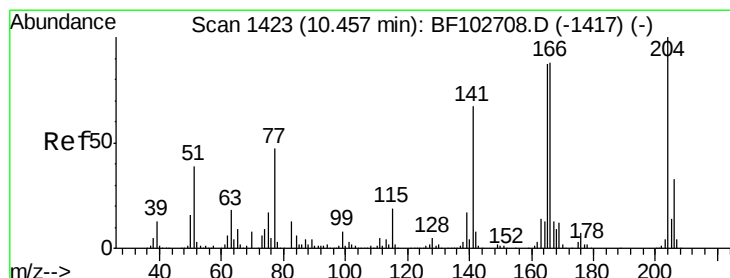
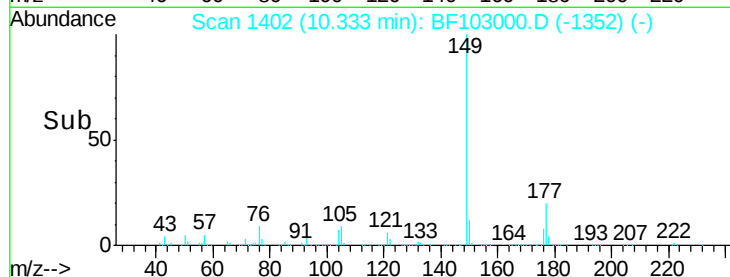
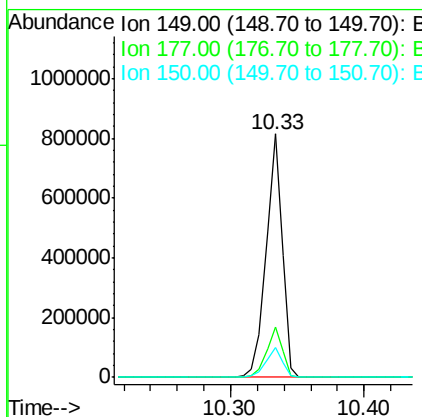
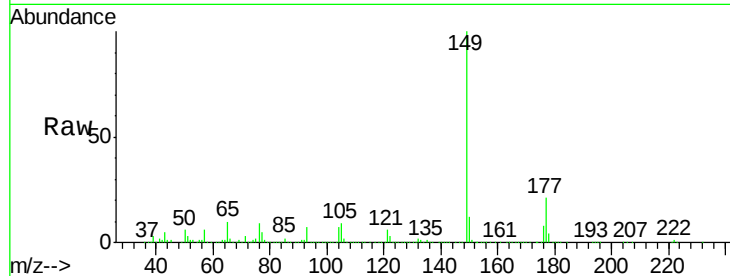
#59
Diethylphthalate
Concen: 32.851 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.5	16.1	24.1
150	12.5	10.1	15.1

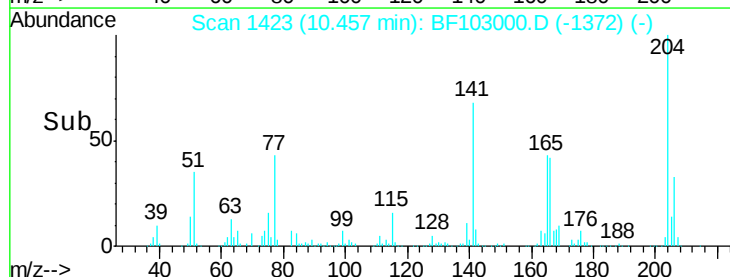
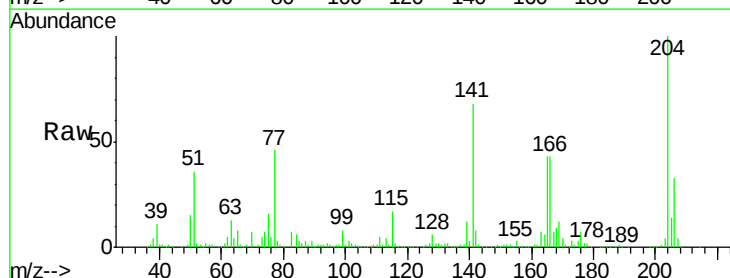
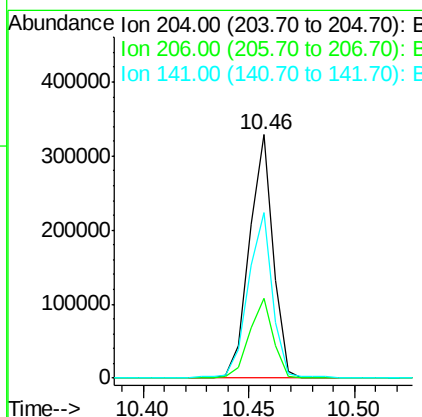
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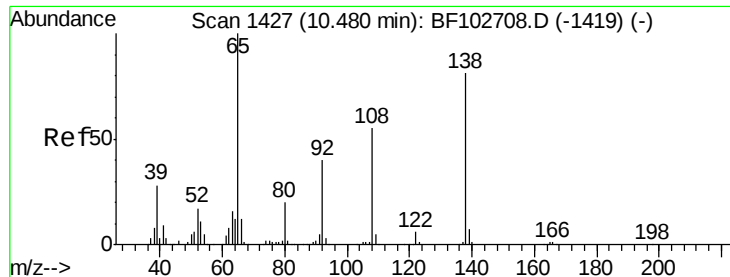
Sohil
2/15/2018 11:06:40 AM



#60
4-Chlorophenyl-phenylether
Concen: 34.243 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	68.1	54.6	81.8





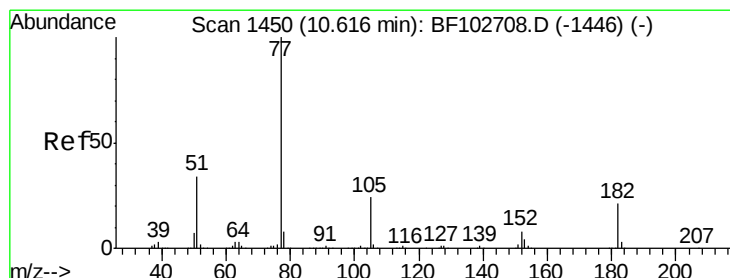
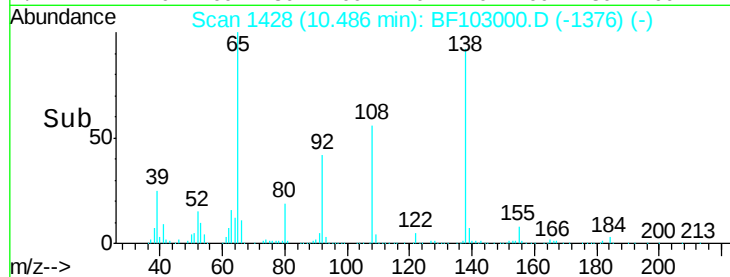
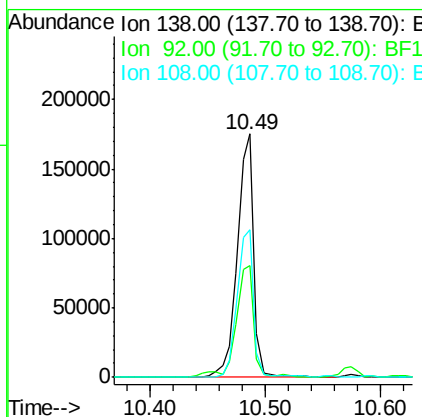
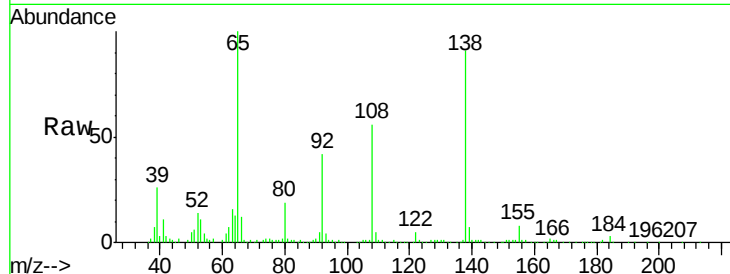
#61
4-Nitroaniline
Concen: 36.970 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	172811		
92	45.7	30.2	70.2	
108	60.8	52.5	92.5	

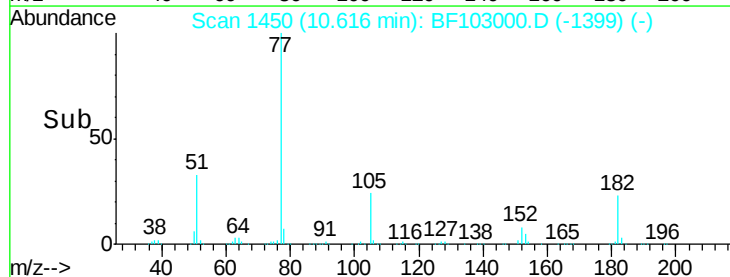
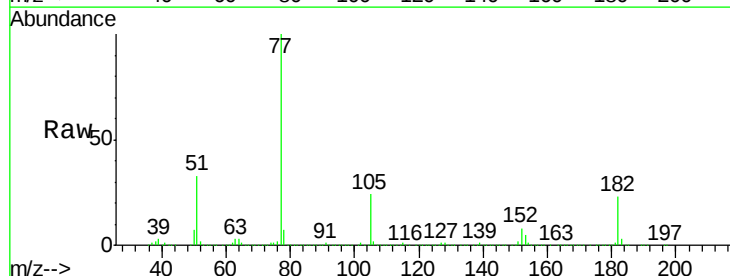
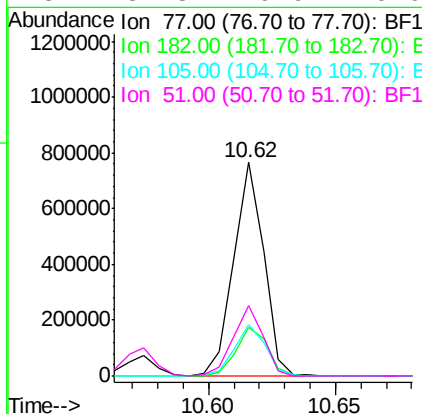
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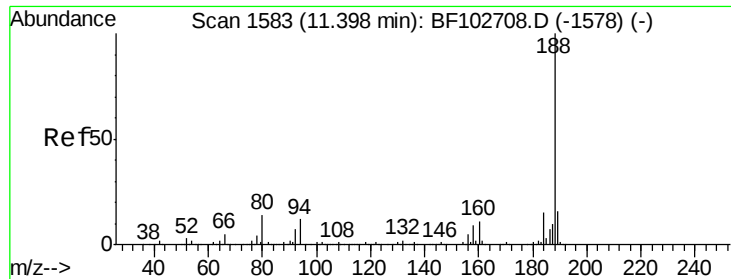
Sohil
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#62
Azobenzene
Concen: 30.165 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	624202		
182	22.6	1.7	41.7	
105	24.1	3.0	43.0	
51	32.8	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

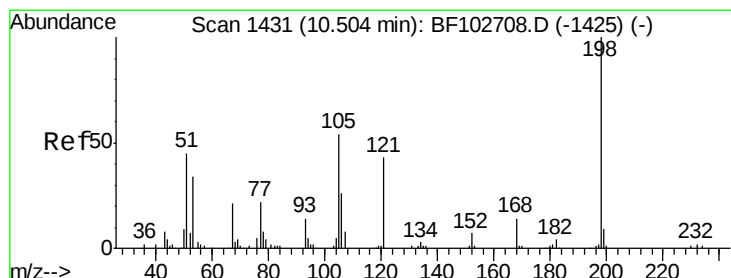
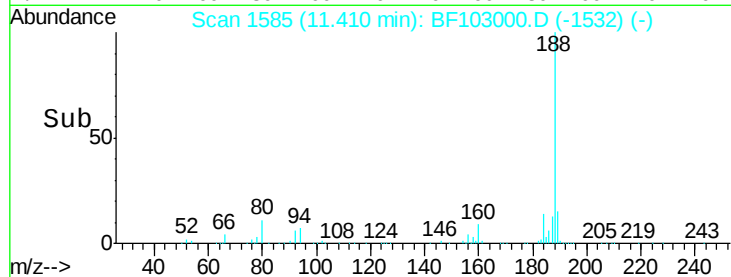
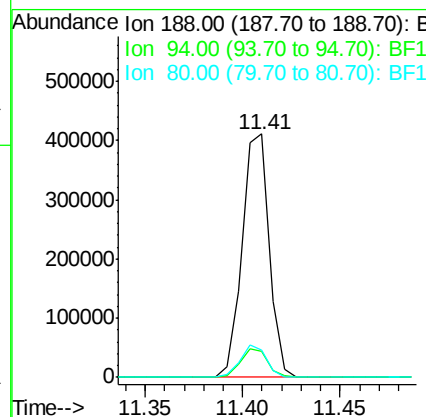
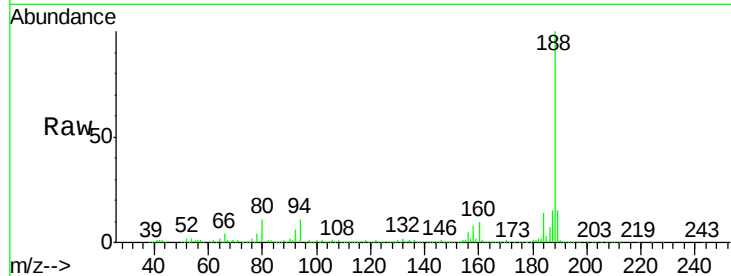
ClientSampleId :

4-15-TRENCH-2-NW-(2-4)MS

Tot Ion:	188	Resp:	394875
Ion Ratio	Lower	Upper	
188	100		
94	10.5	8.5	12.7
80	11.4	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 11.301 ng

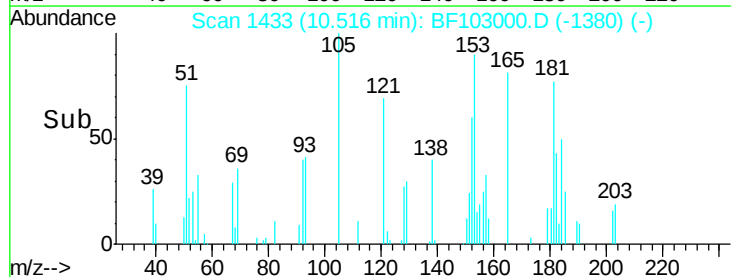
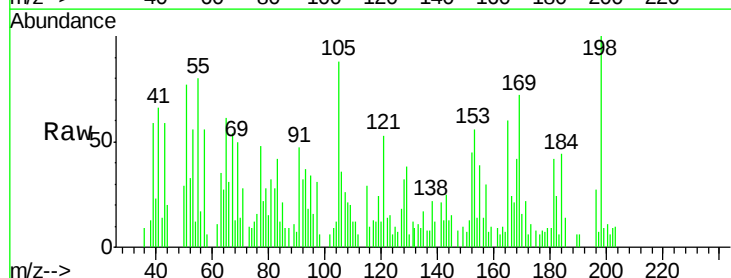
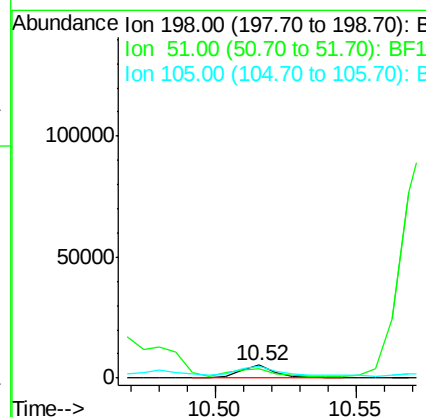
RT: 10.52 min Scan# 1433

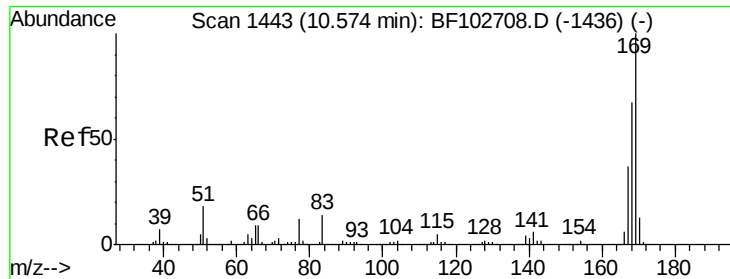
Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Tgt Ion:	198	Resp:	4485
Ion Ratio	Lower	Upper	
198	100		
51	77.4	37.7	77.7
105	87.7	36.3	76.3#





#65

n-Nitrosodiphenylamine

Concen: 36.882 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

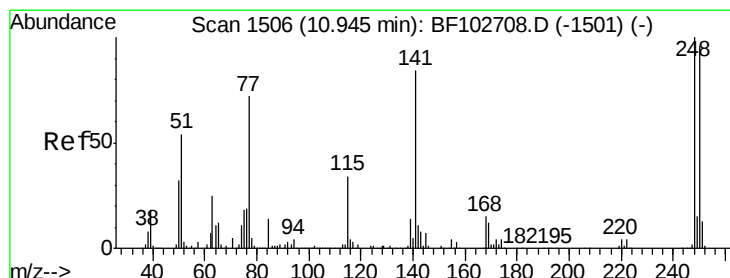
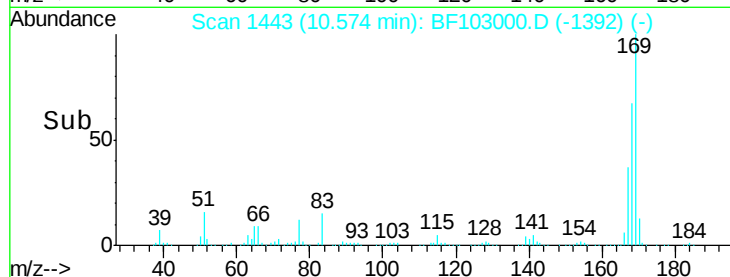
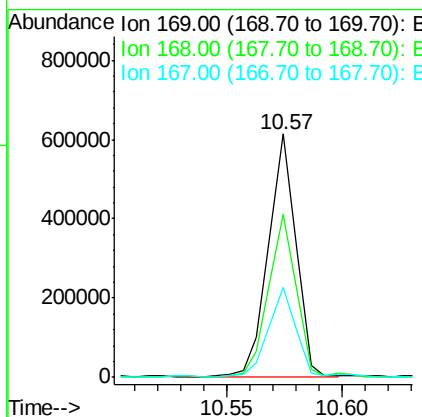
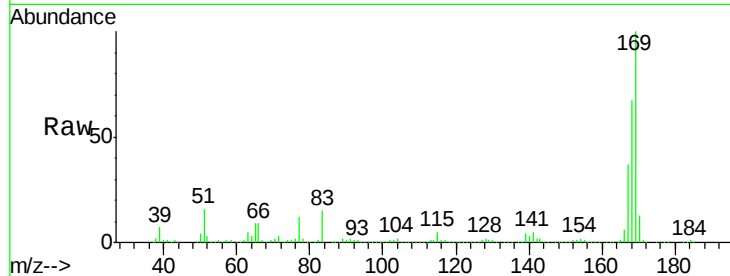
ClientSampleId :

4-15-TRENCH-2-NW-(2-4)MS

Tot Ion:	169	Resp:	513714
Ion Ratio	Lower	Upper	
169	100		
168	66.7	54.4	81.6
167	37.1	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 35.593 ng

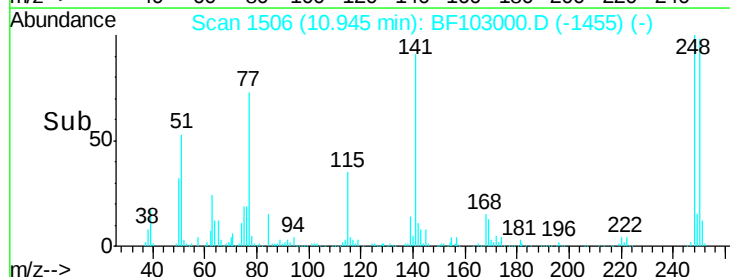
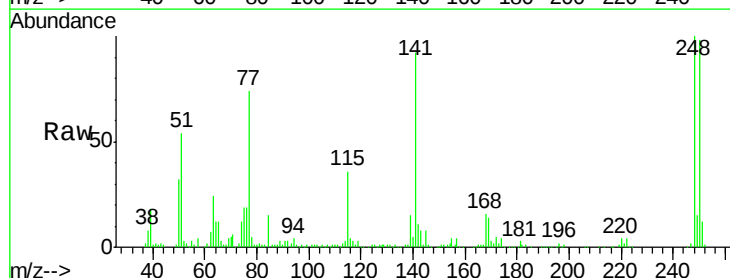
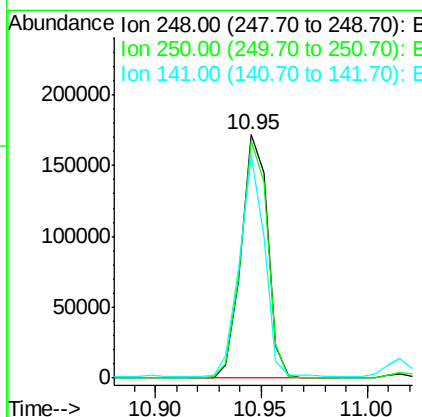
RT: 10.95 min Scan# 1506

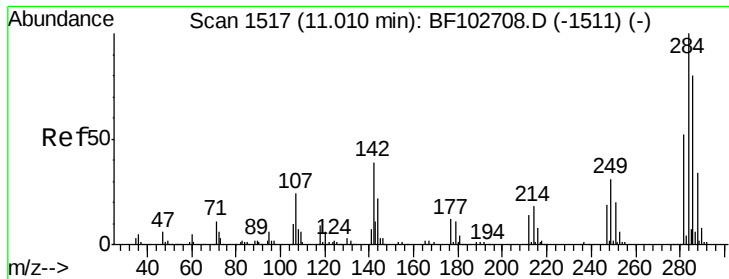
Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Tgt Ion:	248	Resp:	148675
Ion Ratio	Lower	Upper	
248	100		
250	97.6	76.9	115.3
141	91.5	74.4	111.6





#67

Hexachlorobenzene

Concen: 32.120 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

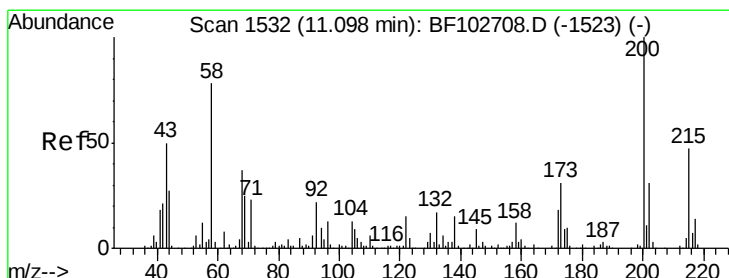
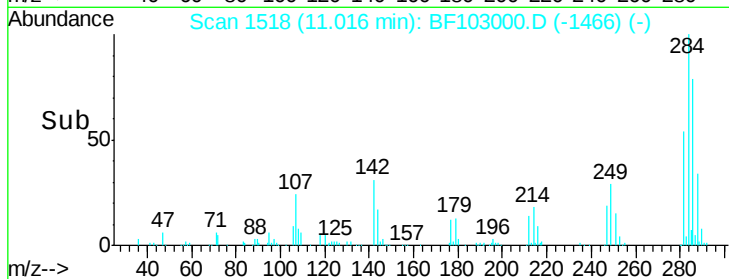
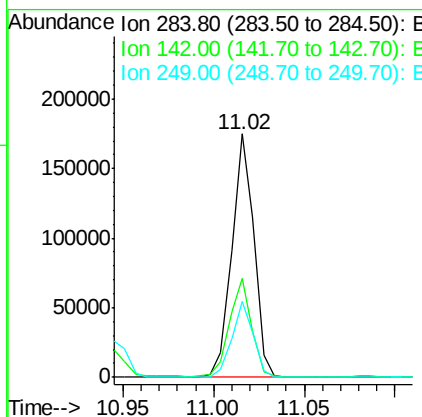
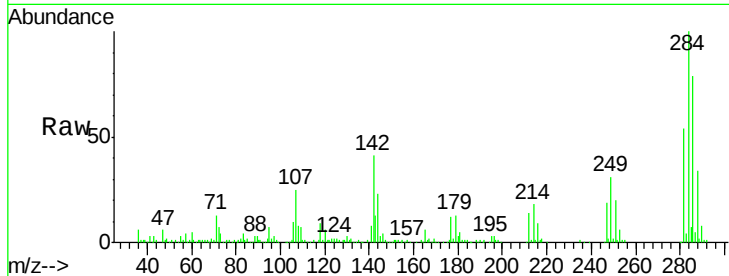
ClientSampleId :

4-15-TRENCH-2-NW-(2-4)MS

Tot Ion:	284	Resp:	148013
Ion Ratio	Lower	Upper	
284	100		
142	40.7	34.6	52.0
249	31.4	24.8	37.2

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#68

Atrazine

Concen: 34.284 ng

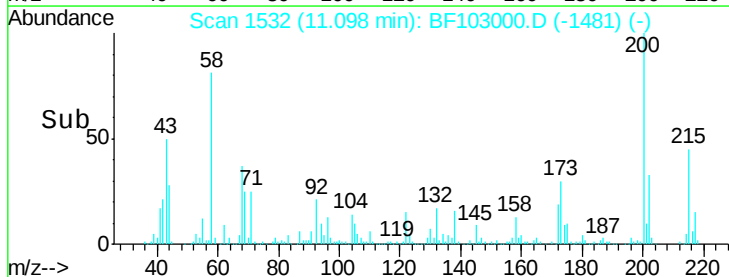
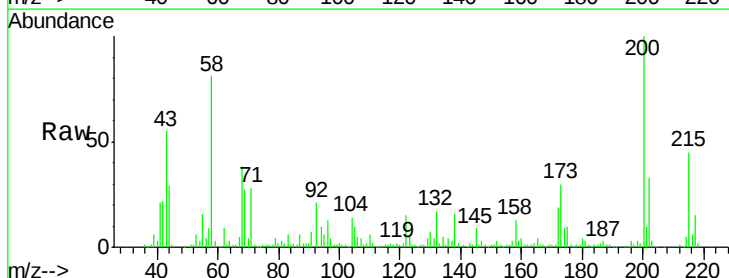
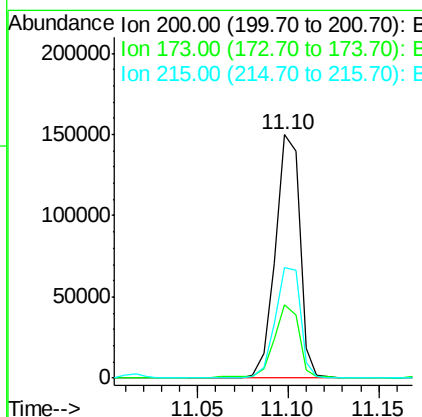
RT: 11.10 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Tgt Ion:	200	Resp:	140873
Ion Ratio	Lower	Upper	
200	100		
173	30.3	8.6	48.6
215	45.4	25.1	65.1





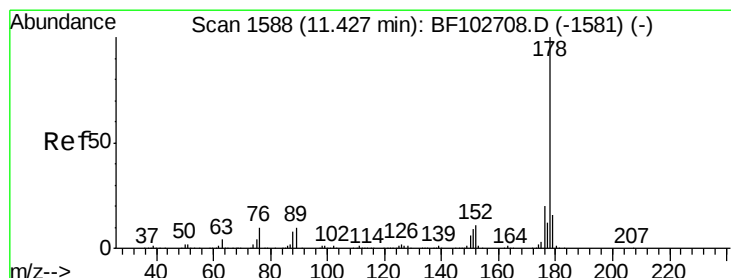
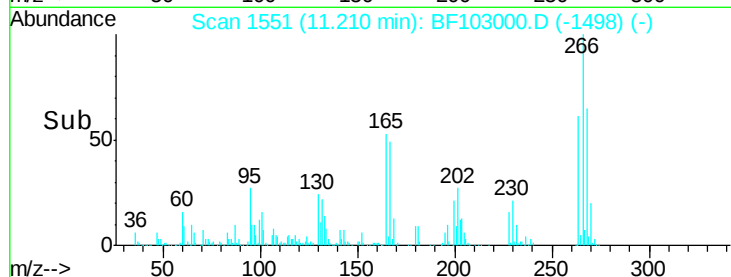
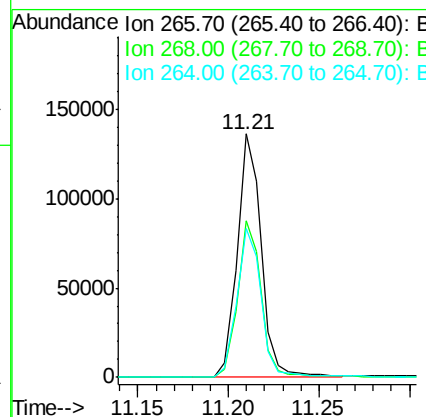
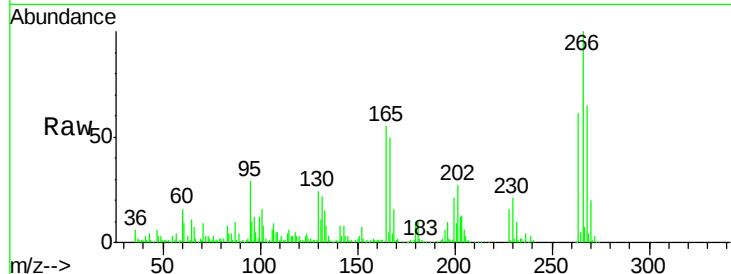
#69
 Pentachlorophenol
 Concen: 46.678 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.01 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Instrument :
 BNA_F
 ClientSampleId :
 4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	126264		
268	64.6	51.1	76.7	
264	61.4	49.5	74.3	

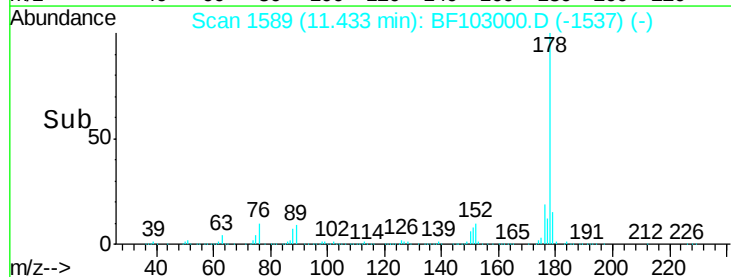
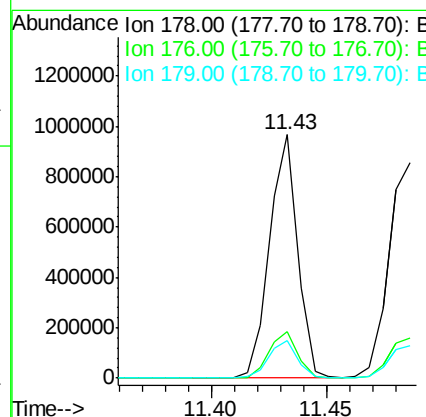
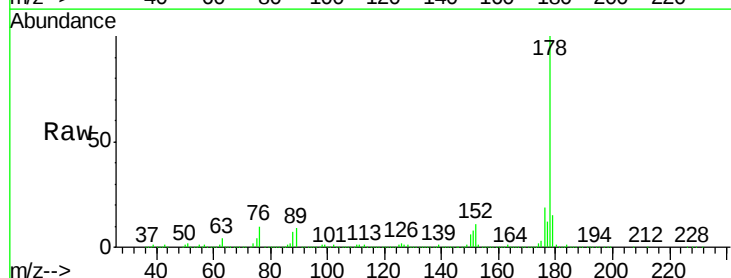
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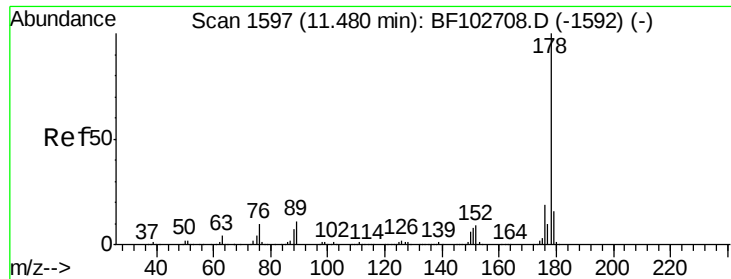
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#70
 Phenanthrene
 Concen: 37.191 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.01 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	817896		
176	19.2	15.8	23.8	
179	15.5	13.0	19.6	





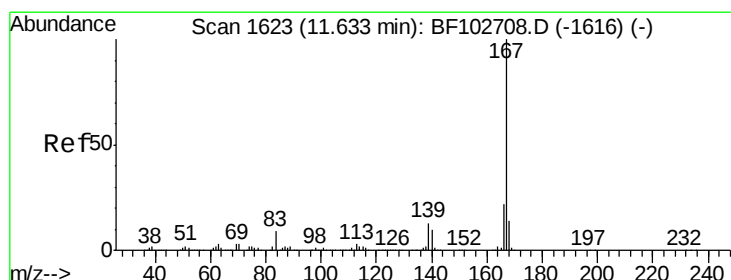
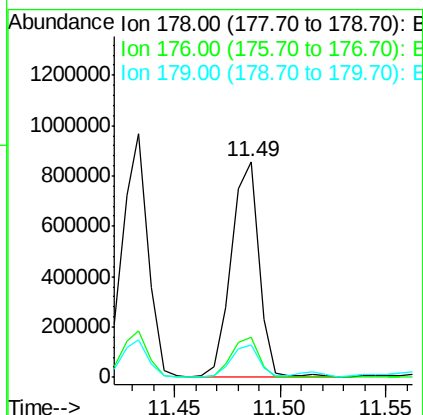
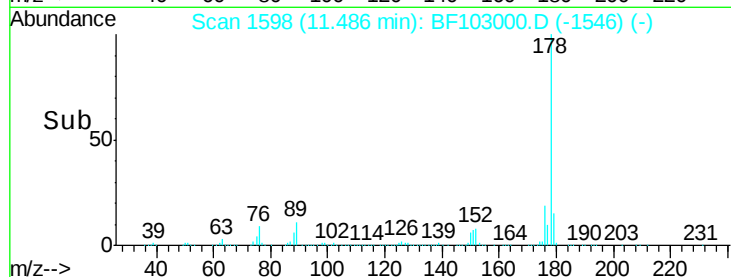
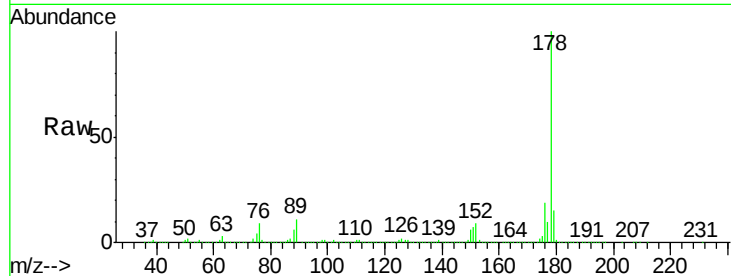
#71
 Anthracene
 Concen: 34.319 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Instrument :
 BNA_F
 ClientSampleId :
 4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.2	12.6	19.0

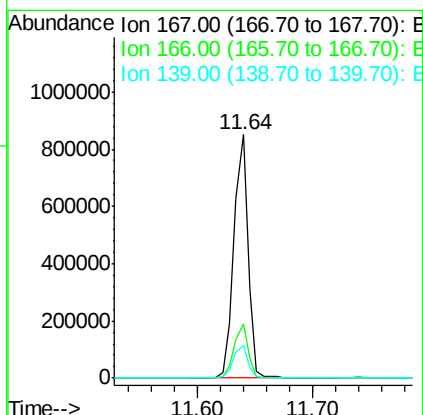
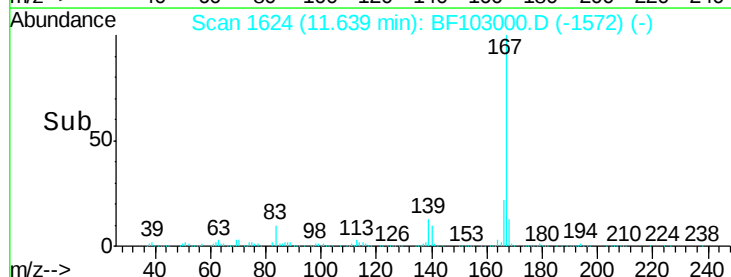
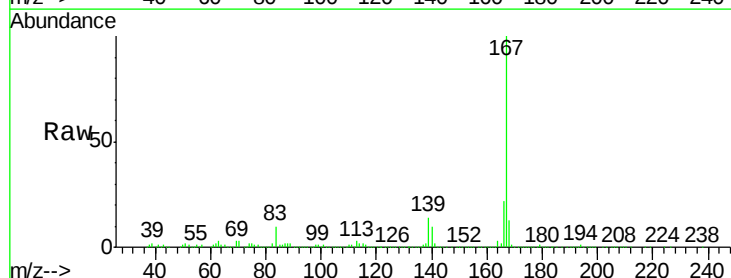
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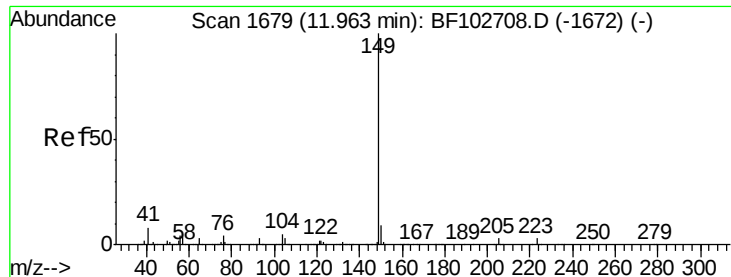
Sohil
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#72
 Carbazole
 Concen: 33.085 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 34.651 ng

RT: 11.96 min Scan# 1679

Delta R.T. 0.00 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

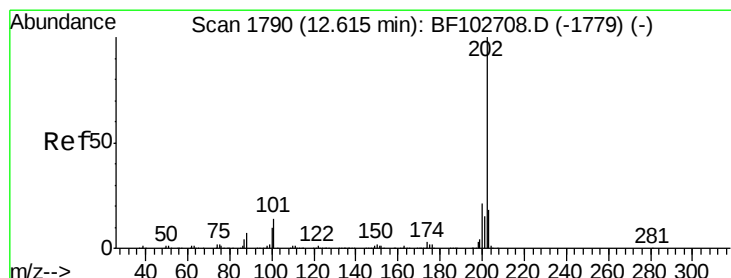
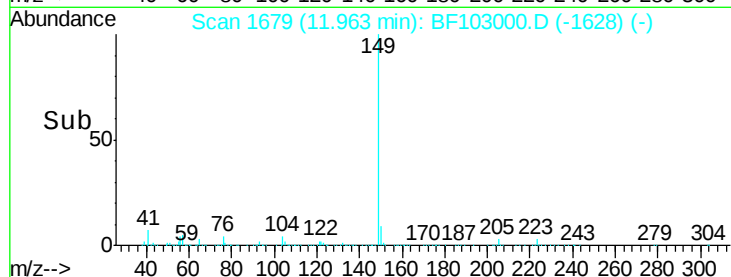
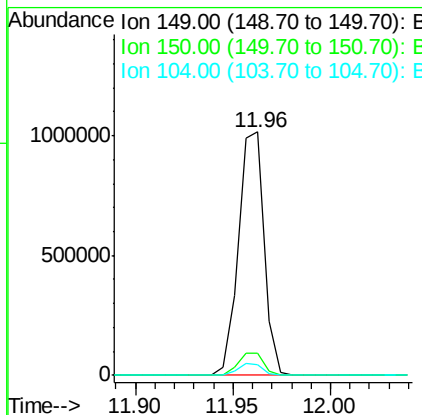
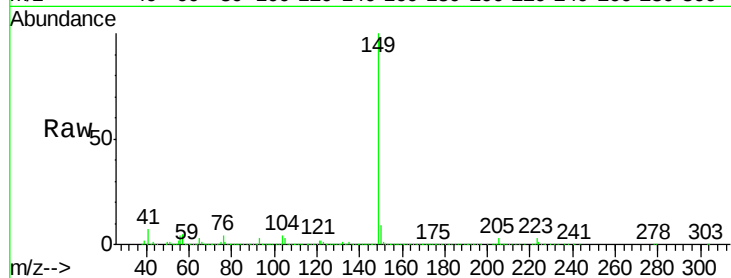
ClientSampleId :

4-15-TRENCH-2-NW-(2-4)MS

Tot Ion:	149	Resp:	922385
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.8	11.6
104	4.2	3.8	5.8

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#74

Fluoranthene

Concen: 39.572 ng

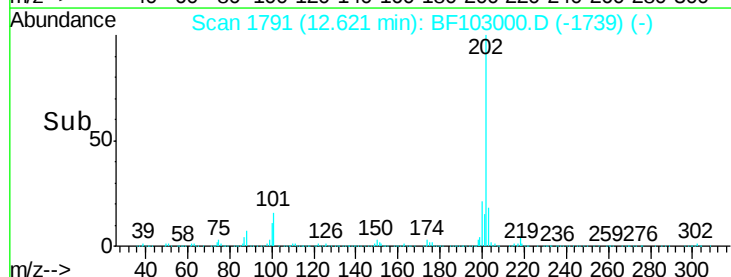
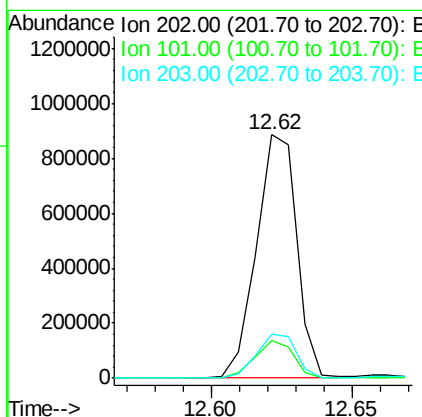
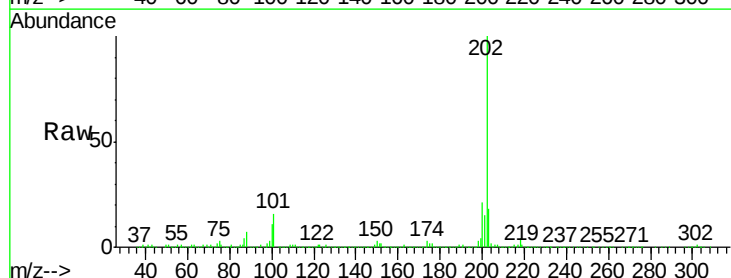
RT: 12.62 min Scan# 1791

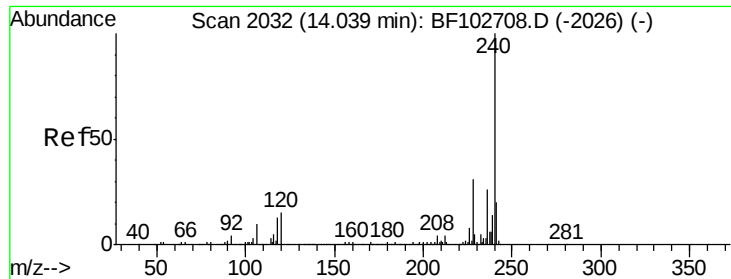
Delta R.T. 0.01 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Tgt Ion:	202	Resp:	875592
Ion Ratio	Lower	Upper	
202	100		
101	15.7	0.0	34.1
203	18.2	0.0	38.1





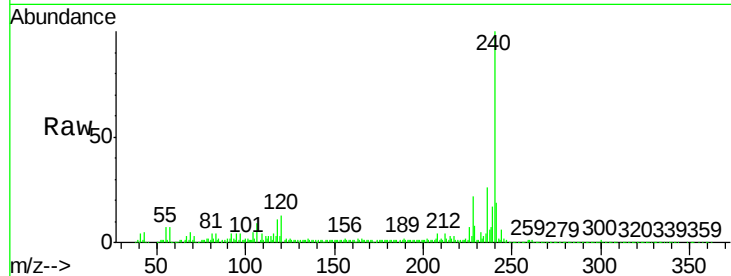
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

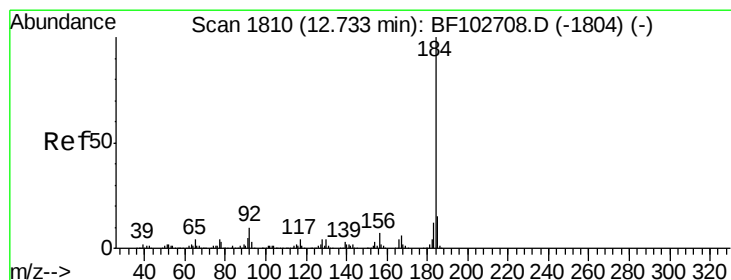
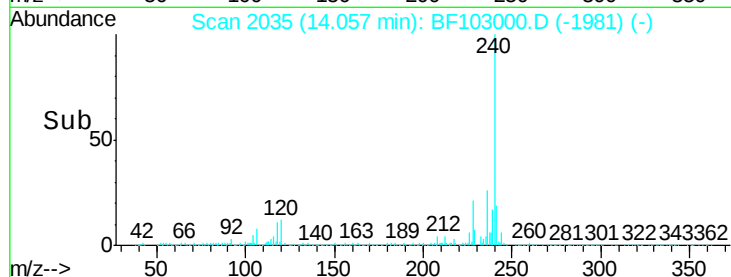
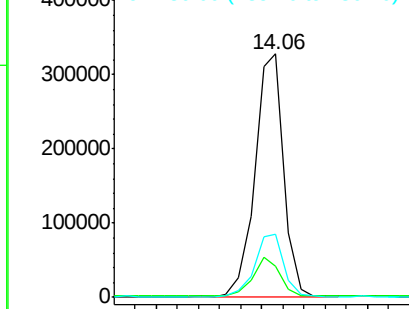
Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	12.9	9.5	14.3
236	26.1	20.7	31.1

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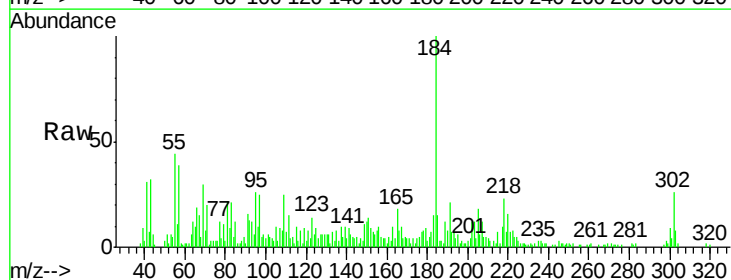


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

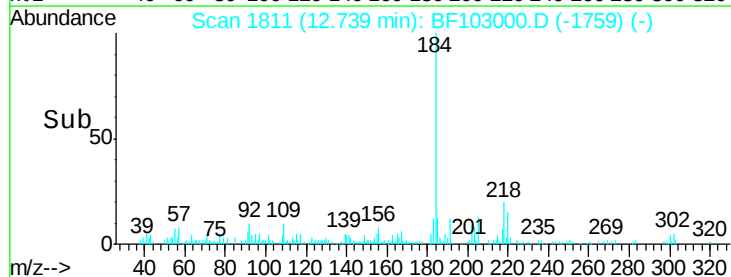
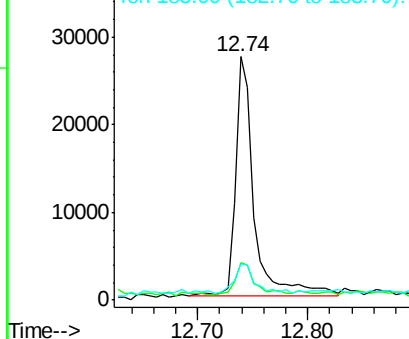


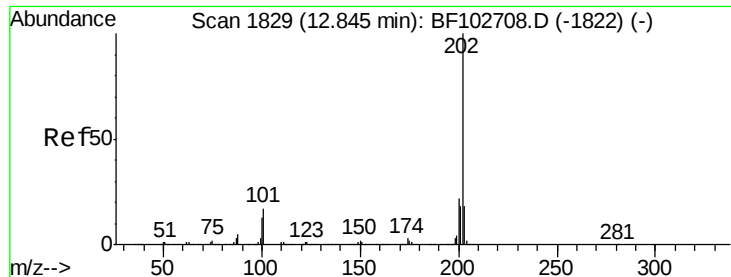
#76
Benzidine
Concen: 2.291 ng m
RT: 12.74 min Scan# 1811
Delta R.T. 0.01 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	15.3	12.6	18.8
183	14.9	9.3	13.9#



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





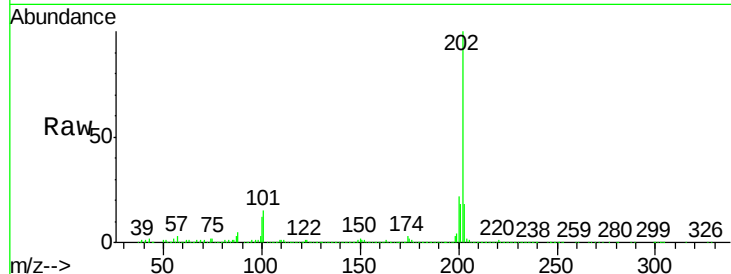
#77
Pvrene
Concen: 36.715 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

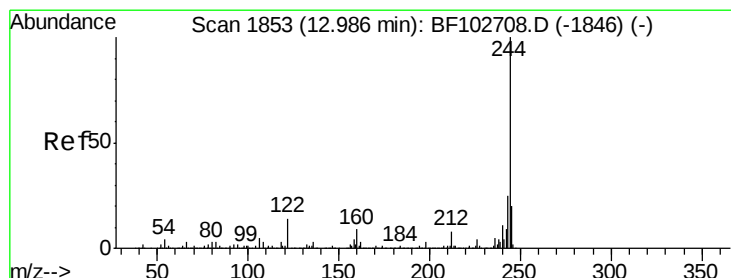
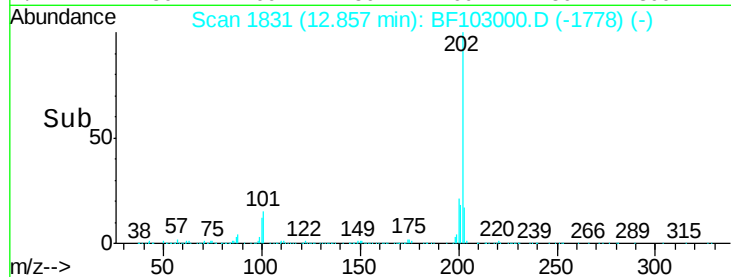
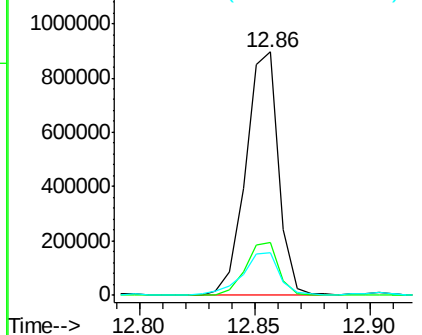
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.6	14.3	21.5

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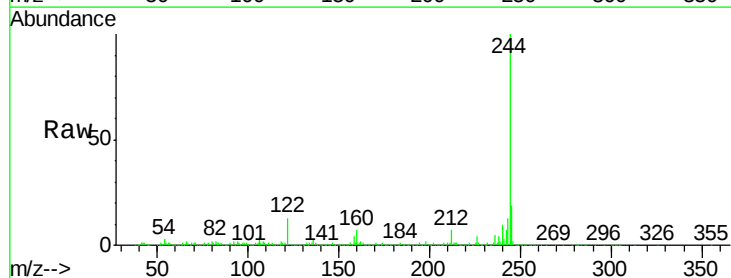


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

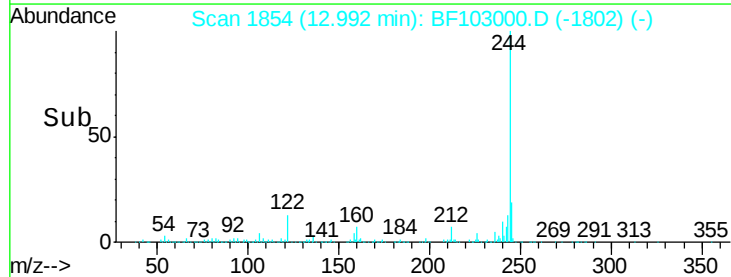
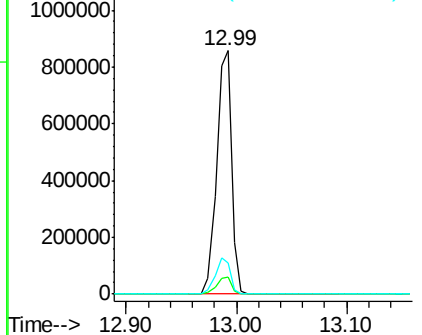


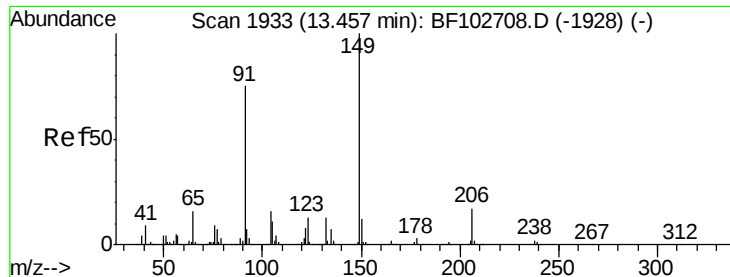
#78
Terphenyl-d14
Concen: 61.696 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.6	11.0	16.4



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





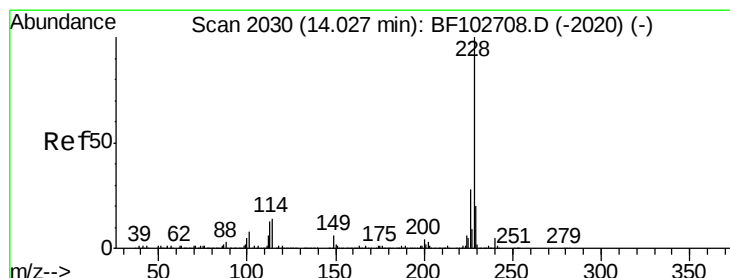
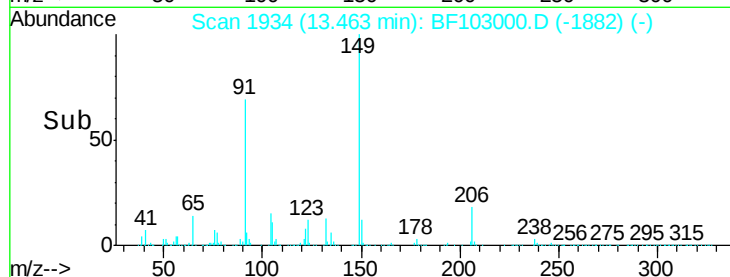
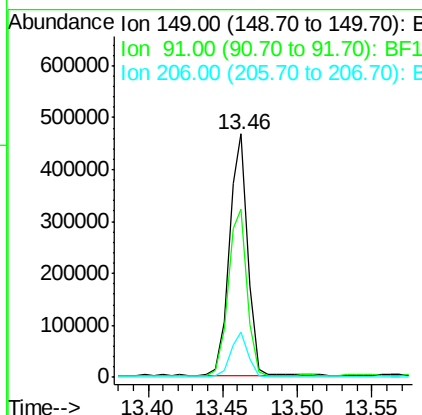
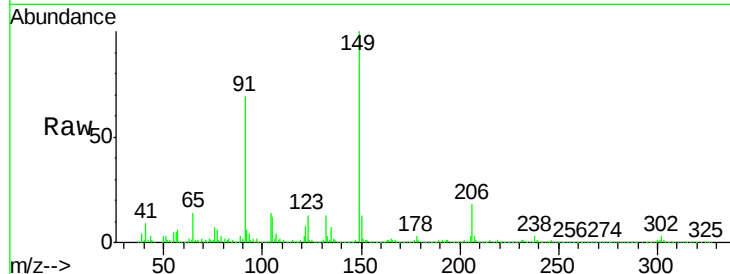
#79
Butylbenzylphthalate
Concen: 35.148 ng
RT: 13.46 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	402320		
91	68.9	56.8	85.2	
206	18.5	14.1	21.1	

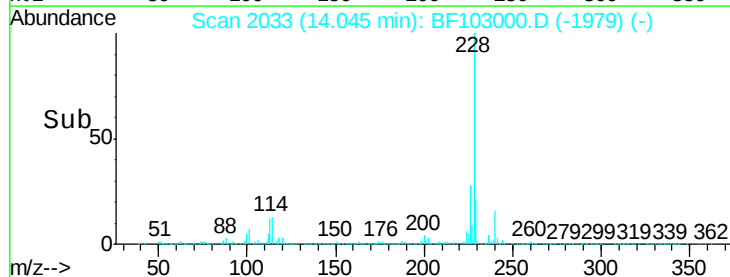
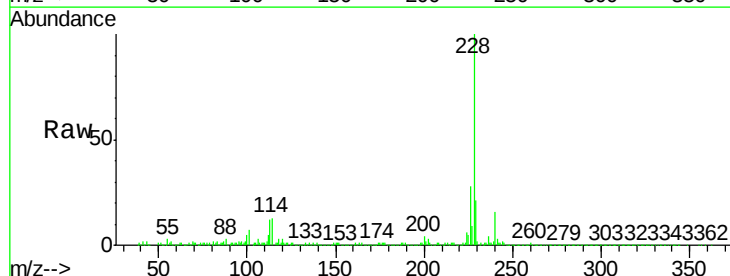
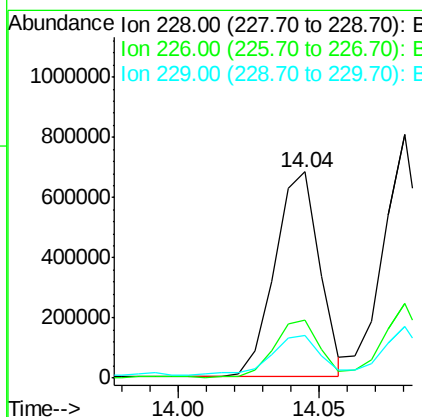
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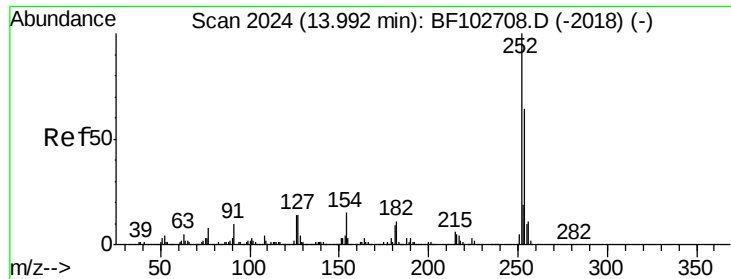
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#80
Benzo(a)anthracene
Concen: 38.829 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.02 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	751208		
226	28.2	22.6	33.8	
229	21.0	15.8	23.6	





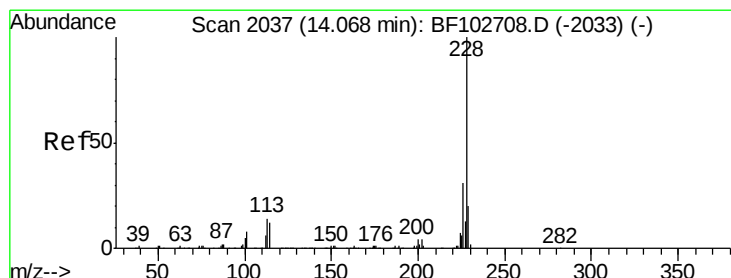
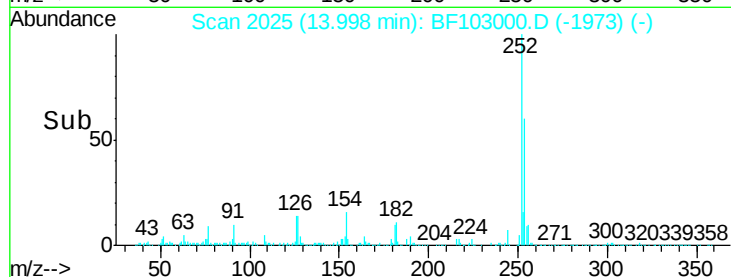
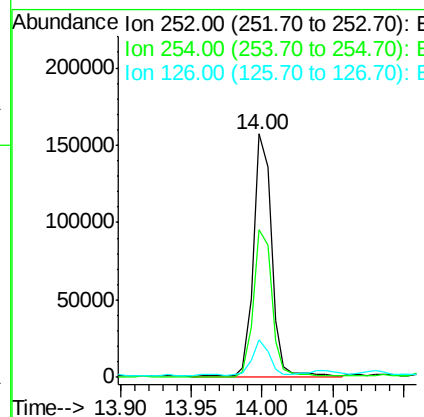
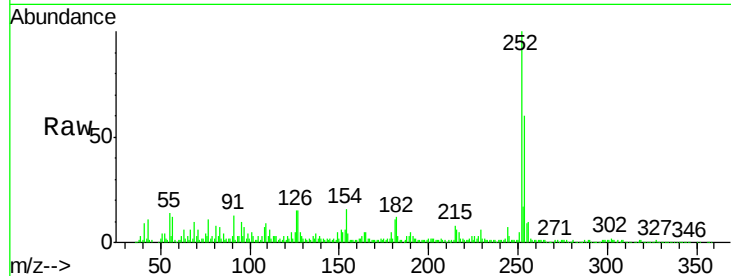
#81
 3,3'-Dichlorobenzidine
 Concen: 19.797 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Instrument :
 BNA_F
 ClientSampleId :
 4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	60.4	50.4	75.6
126	15.3	11.3	16.9

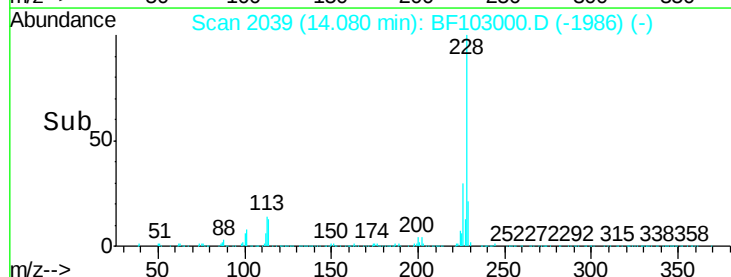
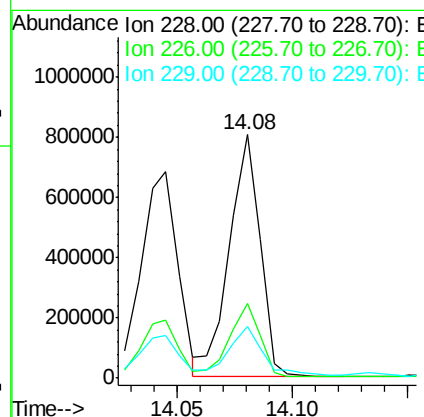
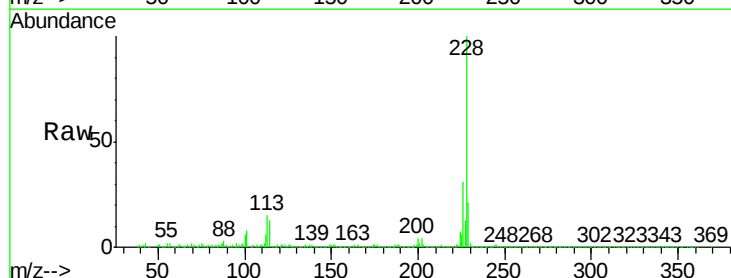
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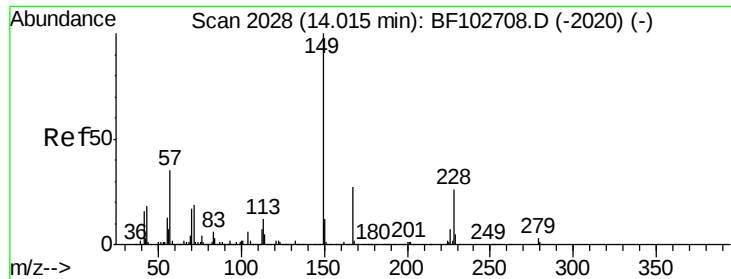
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#82
 Chrysene
 Concen: 38.059 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	21.0	16.2	24.4





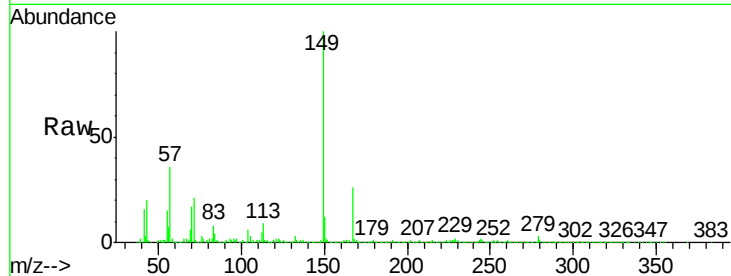
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.186 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Instrument :
 BNA_F
 ClientSampleId :
 4-15-TRENCH-2-NW-(2-4)MS

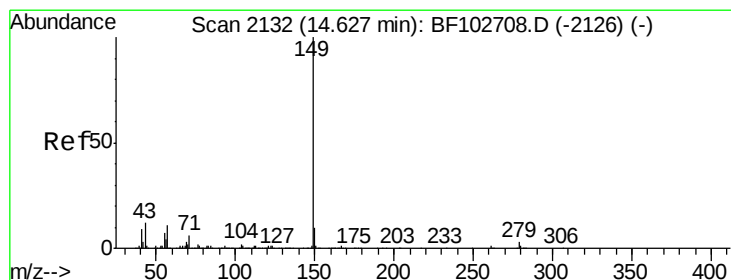
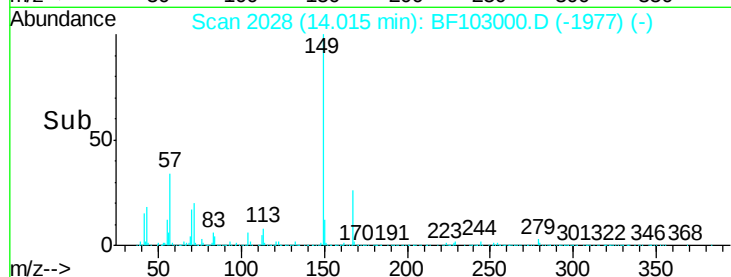
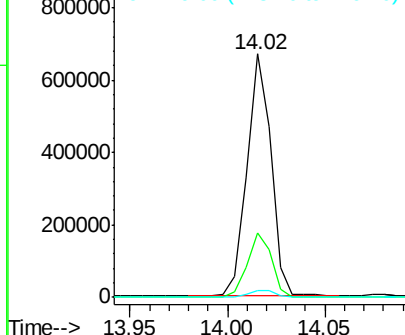
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	2.9	3.0	4.4#

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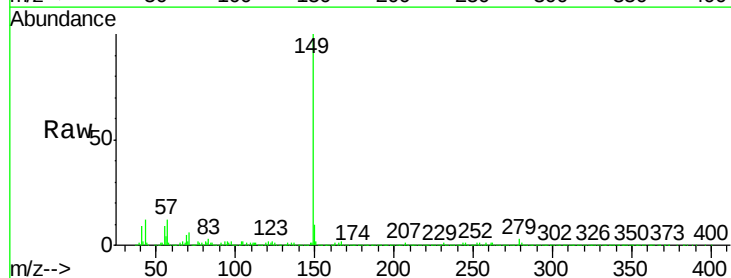


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

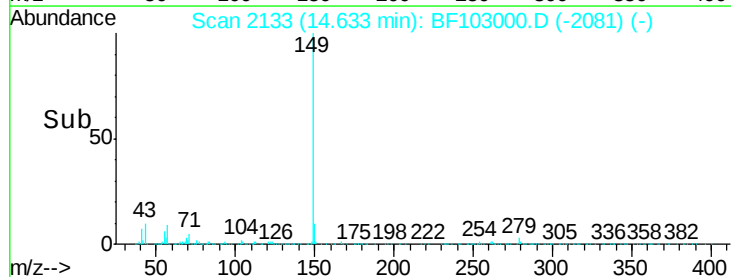
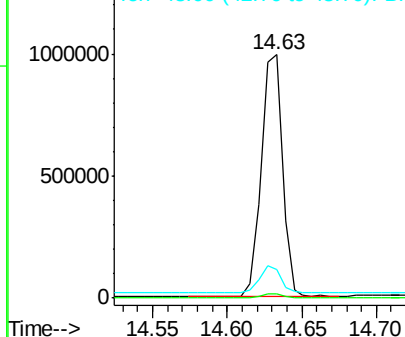


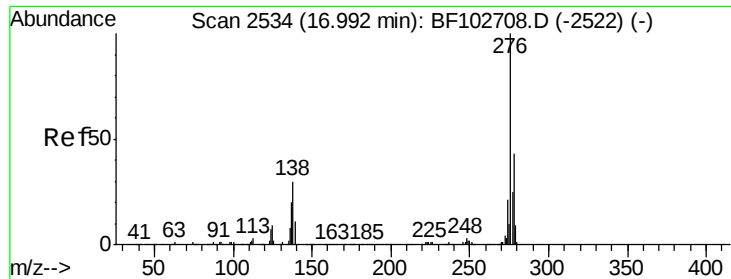
#84
 Di-n-octyl phthalate
 Concen: 43.774 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. 0.01 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.5	8.4	12.6



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





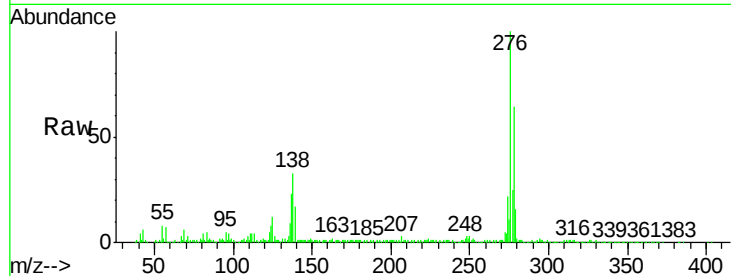
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.646 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.05 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

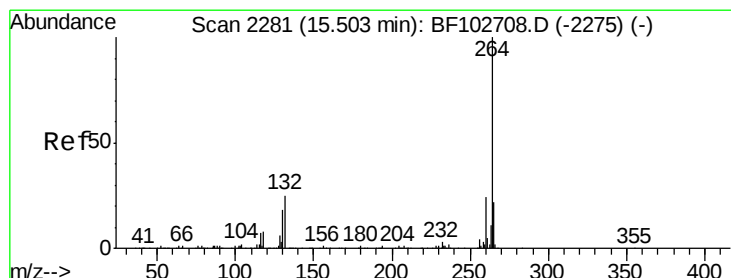
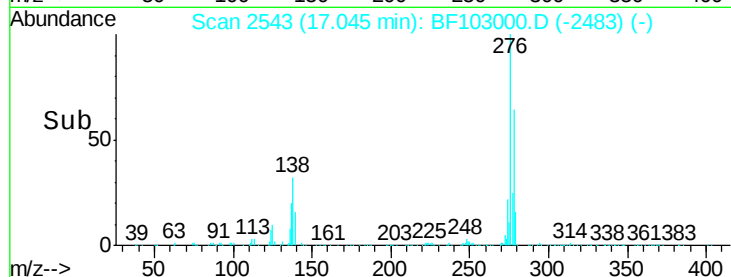
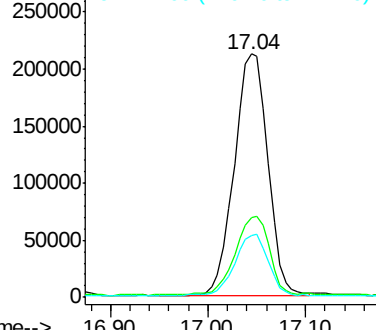
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.1	25.0	37.6
277	25.5	20.1	30.1

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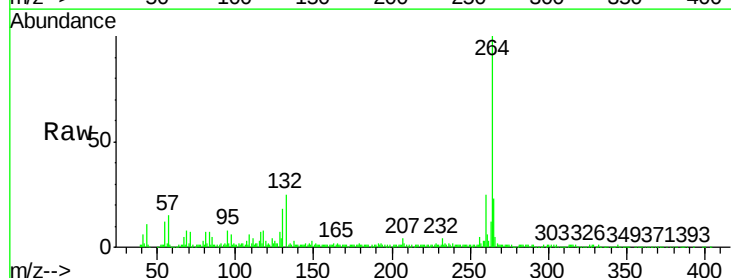


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

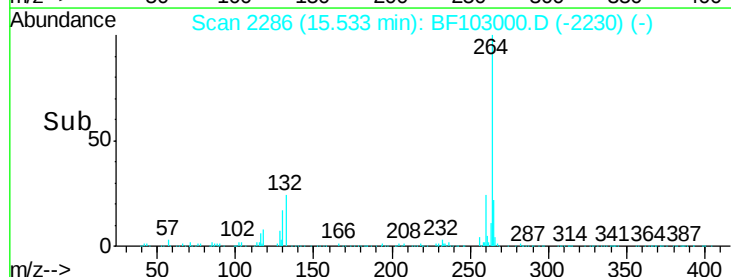
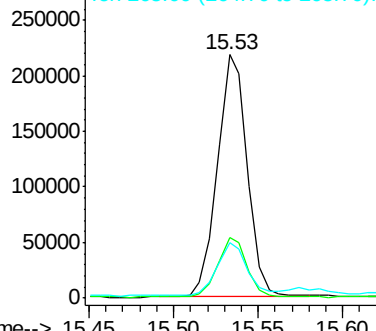


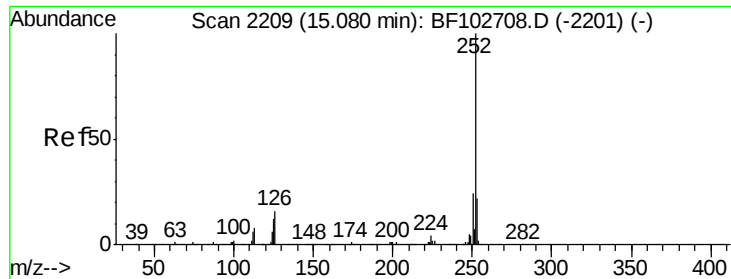
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.03 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	23.0	17.5	26.3



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





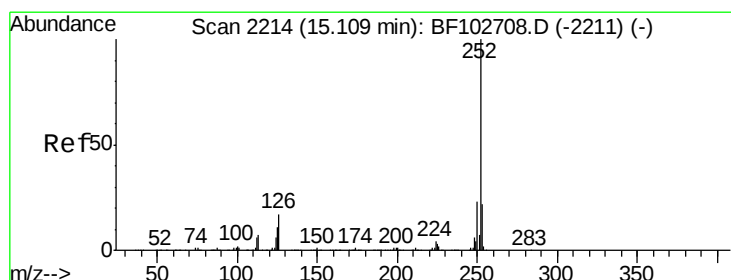
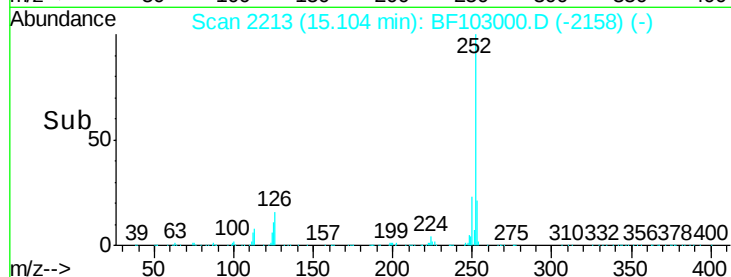
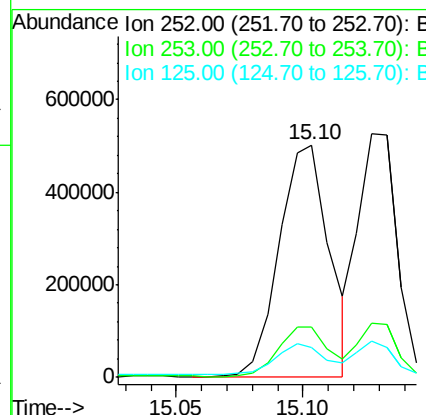
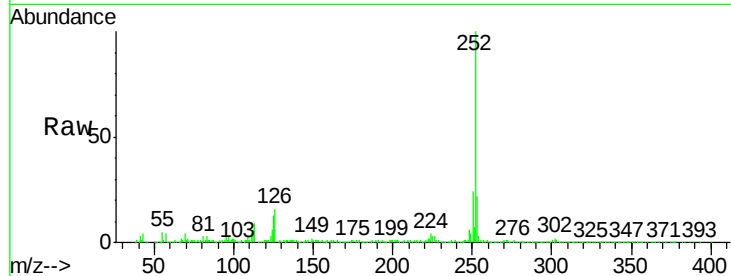
#87
Benzo(b)fluoranthene
Concen: 39.314 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.02 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.8	9.0	13.6

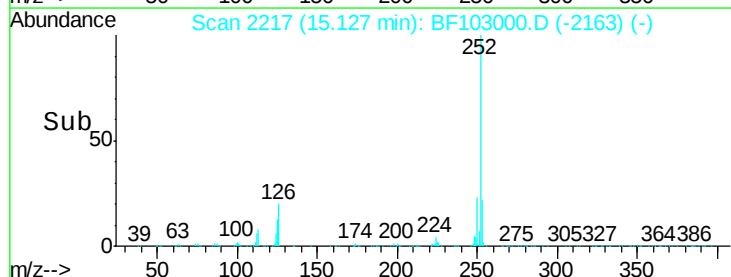
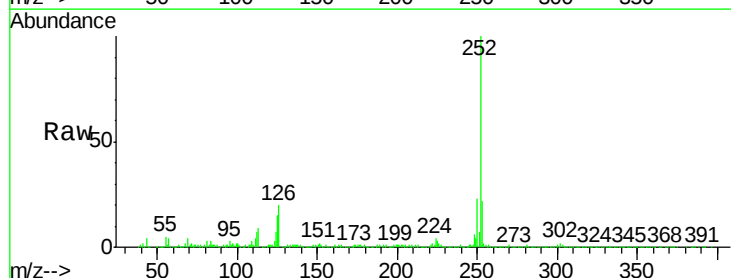
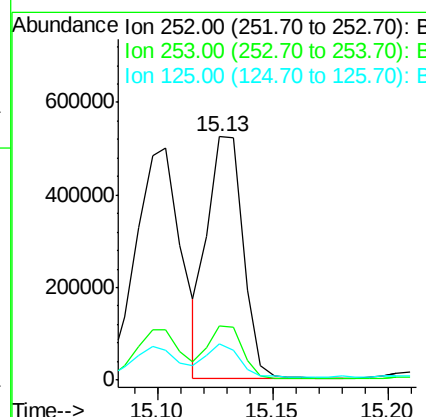
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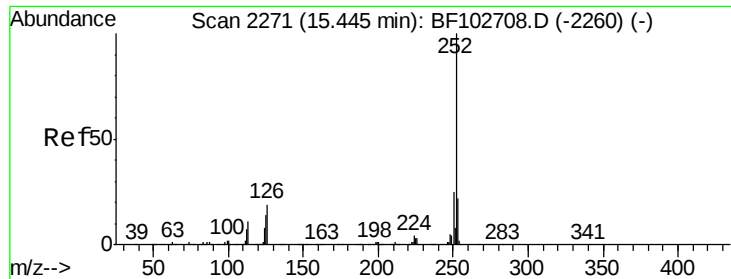
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#88
Benzo(k)fluoranthene
Concen: 33.475 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BF103000.D
Acq: 14 Feb 2018 20:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	14.7	10.2	15.2





#89

Benzo(a)pyrene

Concen: 35.464 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.03 min

Lab File: BF103000.D

Acq: 14 Feb 2018 20:08

Instrument :

BNA_F

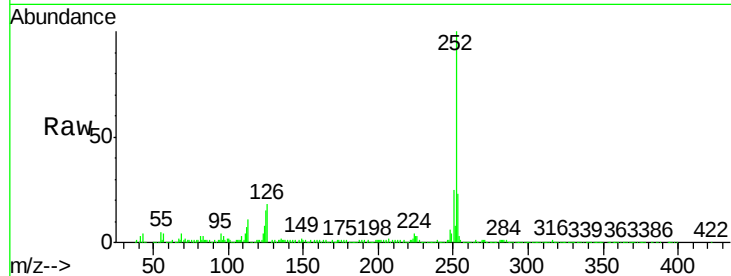
ClientSampleId :

4-15-TRENCH-2-NW-(2-4)MS

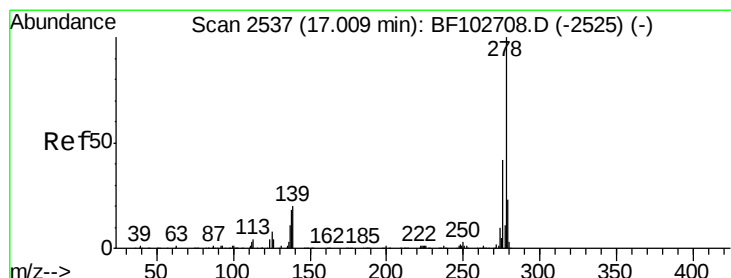
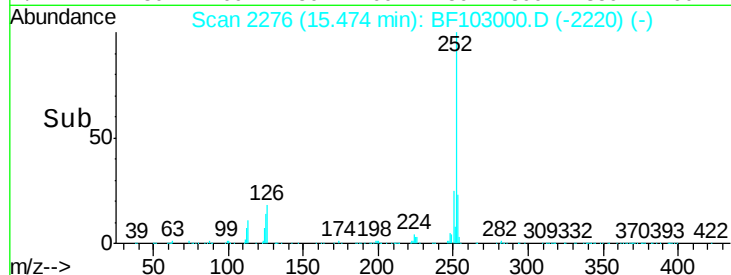
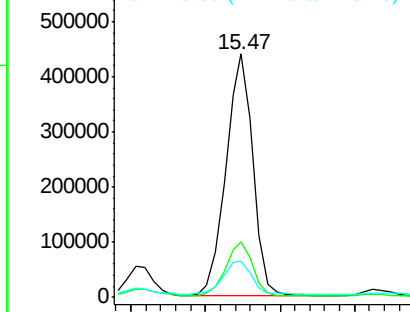
Tot Ion:	252	Resp:	558747
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.1	25.7
125	14.8	9.8	14.6

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



#90

Dibenzo(a,h)anthracene

Concen: 33.345 ng

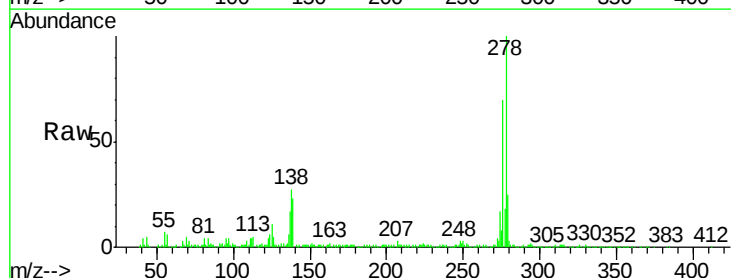
RT: 17.06 min Scan# 2545

Delta R.T. 0.05 min

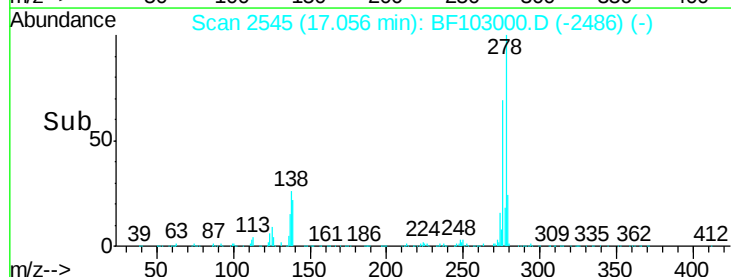
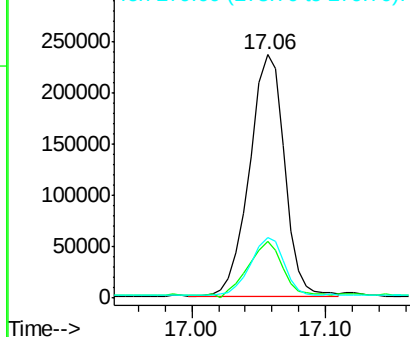
Lab File: BF103000.D

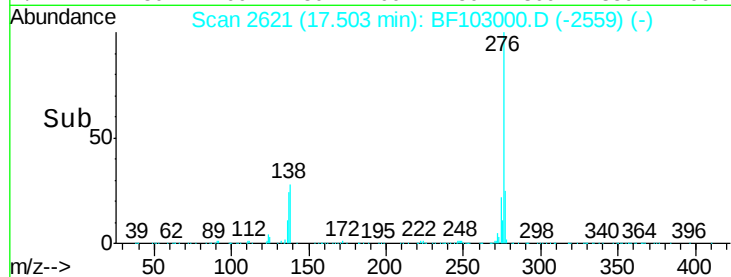
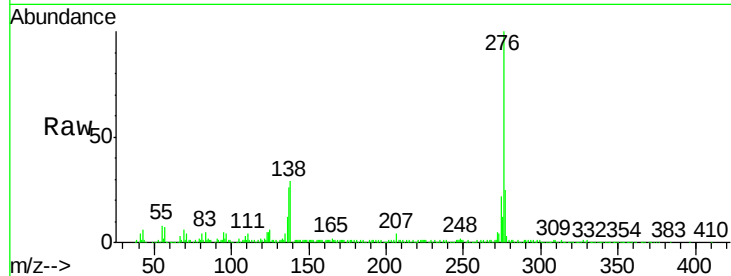
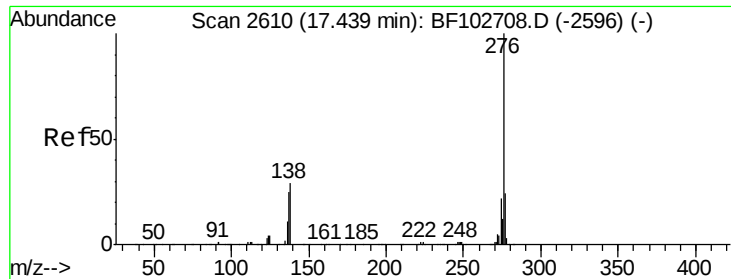
Acq: 14 Feb 2018 20:08

Tgt Ion:	278	Resp:	426415
Ion Ratio	Lower	Upper	
278	100		
139	23.4	15.9	23.9
279	24.9	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 34.242 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. 0.06 min
 Lab File: BF103000.D
 Acq: 14 Feb 2018 20:08

Instrument :
 BNA_F
 ClientSampleId :
 4-15-TRENCH-2-NW-(2-4)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	29.2	21.8	32.8

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