

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF103001.D
 Acq On : 14 Feb 2018 20:35
 Operator : SJ/JU
 Sample : J1539-22MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 2/15/2018 11:06:42 AM

Quant Time: Feb 15 01:21:35 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	185278	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	729167	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	272998	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	374330	20.00	ng	0.00
75) Chrysene-d12	14.05	240	292657	20.00	ng	0.01
86) Perylene-d12	15.54	264	225870	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1233111	101.07	ng	0.02
7) Phenol-d6	6.52	99	1430351	97.37	ng	0.02
23) Nitrobenzene-d5	7.45	82	887665	84.45	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	187729	85.44	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1205863	73.30	ng	0.00
78) Terphenyl-d14	12.99	244	818613	66.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	191472	31.775	ng	87
3) Pyridine	3.49	79	535987	32.194	ng	90
4) n-Nitrosodimethylamine	3.43	42	270203	37.933	ng	99
6) Aniline	6.55	93	316952	14.611	ng	95
8) 2-Chlorophenol	6.67	128	451909	35.980	ng	98
9) Benzaldehyde	6.43	77	124847	11.444	ng	98
10) Phenol	6.53	94	598595	38.024	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	462817	35.330	ng	92
12) 1,3-Dichlorobenzene	6.82	146	470061	32.318	ng	100
13) 1,4-Dichlorobenzene	6.90	146	481436	33.229	ng	100
14) 1,2-Dichlorobenzene	7.05	146	443009	32.828	ng	99
15) Benzyl Alcohol	7.02	79	385002	34.090	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	794904	31.944	ng	99
17) 2-Methylphenol	7.13	107	382374	33.004	ng	98
18) Hexachloroethane	7.39	117	137474	27.670	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	301363	31.116	ng	95
20) 3+4-Methylphenols	7.29	107	445322	31.170	ng	# 66
22) Acetophenone	7.29	105	600218	33.638	ng	# 93
24) Nitrobenzene	7.46	77	470322	38.028	ng	99
25) Isophorone	7.70	82	870900	35.982	ng	99
26) 2-Nitrophenol	7.77	139	123522	28.593	ng	94
27) 2,4-Dimethylphenol	7.82	122	386253	37.773	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	558197	38.931	ng	99
29) 2,4-Dichlorophenol	8.02	162	330402	35.544	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	341405	32.465	ng	99
31) Naphthalene	8.19	128	1232467	34.595	ng	99
32) Benzoic acid	7.95	122	14773	10.508	ng	# 36
33) 4-Chloroaniline	8.23	127	161303	10.510	ng	100
34) Hexachlorobutadiene	8.30	225	173588	32.214	ng	99
35) Caprolactam	8.60	113	104126	32.255	ng	# 71
36) 4-Chloro-3-methylphenol	8.72	107	343584	32.896	ng	98
37) 2-Methylnaphthalene	8.87	142	823505	35.306	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	281733	37.902	ng	99
42) 2,4,6-Trichlorophenol	9.15	196	180615	36.993	ng	99

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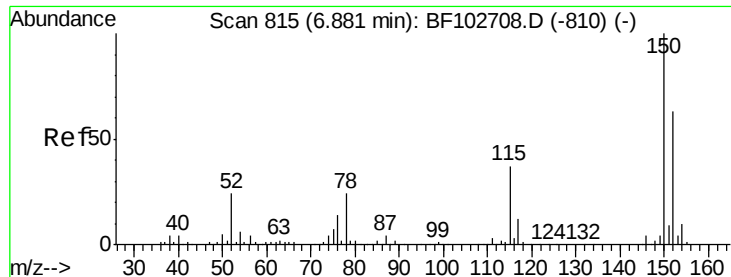
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.20	196	182097	33.091	nq	99
45) 1,1'-Biphenyl	9.34	154	831794	36.175	nq	100
46) 2-Chloronaphthalene	9.36	162	639461	35.325	nq	99
47) 2-Nitroaniline	9.46	65	245882	44.306	nq	93
48) Acenaphthylene	9.78	152	906270	32.233	nq	99
49) Dimethylphthalate	9.63	163	931612	43.766	nq	100
50) 2,6-Dinitrotoluene	9.70	165	134073	33.107	nq	90
51) Acenaphthene	9.95	154	522491	31.074	nq	99
52) 3-Nitroaniline	9.87	138	183250	36.775	nq	97
53) 2,4-Dinitrophenol	10.06	184	123	8.091	nq	# 1
54) Dibenzofuran	10.12	168	771102	32.542	nq	97
55) 4-Nitrophenol	10.03	139	206008	51.801	nq	93
56) 2,4-Dinitrotoluene	10.10	165	149773	28.884	nq	97
57) Fluorene	10.47	166	564552	32.746	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	113646	29.797	nq	# 97
59) Diethylphthalate	10.33	149	693470	32.994	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	260233	34.121	nq	99
61) 4-Nitroaniline	10.49	138	180644	38.086	nq	91
62) Azobenzene	10.62	77	627771	29.898	nq	95
64) 4,6-Dinitro-2-methylphenol	10.52	198	791	9.262	nq	# 1
65) n-Nitrosodiphenylamine	10.57	169	520948	39.455	nq	100
66) 4-Bromophenyl-phenylether	10.95	248	147972	37.369	nq	98
67) Hexachlorobenzene	11.02	284	145689	33.351	nq	96
68) Atrazine	11.10	200	138745	35.619	nq	96
69) Pentachlorophenol	11.21	266	124398	48.512	nq	100
70) Phenanthrene	11.43	178	813087	39.001	nq	99
71) Anthracene	11.49	178	746642	35.212	nq	99
72) Carbazole	11.64	167	692458	33.334	nq	100
73) Di-n-butylphthalate	11.96	149	912216	36.150	nq	98
74) Fluoranthene	12.62	202	829088	39.527	nq	98
76) Benzidine	12.74	184	41178	3.061	nq	# 93
77) Pyrene	12.86	202	850195	37.047	nq	99
79) Butylbenzylphthalate	13.46	149	386401	35.473	nq	97
80) Benzo(a)anthracene	14.04	228	724511m	39.364	nq	
81) 3,3'-Dichlorobenzidine	14.00	252	147232	21.575	nq	97
82) Chrysene	14.08	228	757563	40.831	nq	97
83) Bis(2-ethylhexyl)phthalate	14.02	149	544596	38.739	nq	100
84) Di-n-octyl phthalate	14.63	149	929309	44.025	nq	98
85) Indeno(1,2,3-cd)pyrene	17.04	276	454777	29.554	nq	98
87) Benzo(b)fluoranthene	15.10	252	611498	41.758	nq	97
88) Benzo(k)fluoranthene	15.13	252	488451	34.909	nq	98
89) Benzo(a)pyrene	15.47	252	486170	36.883	nq	# 96
90) Dibenzo(a,h)anthracene	17.06	278	366988	34.301	nq	97
91) Benzo(g,h,i)perylene	17.50	276	379075	36.199	nq	96

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



#1

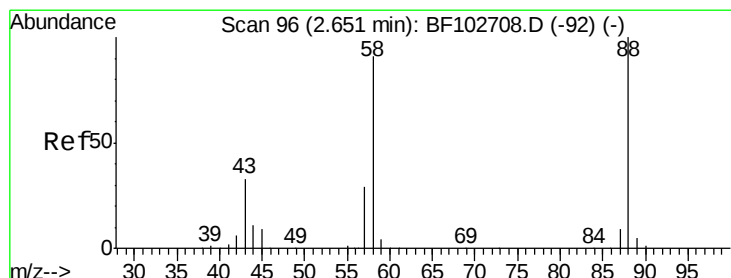
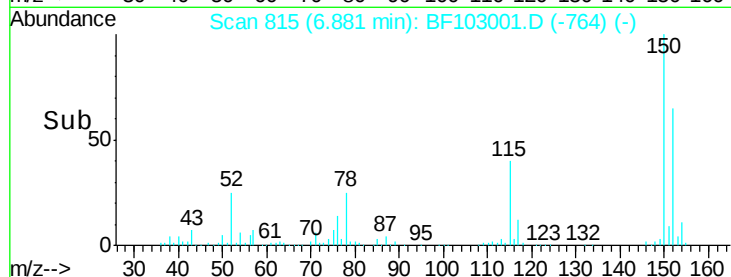
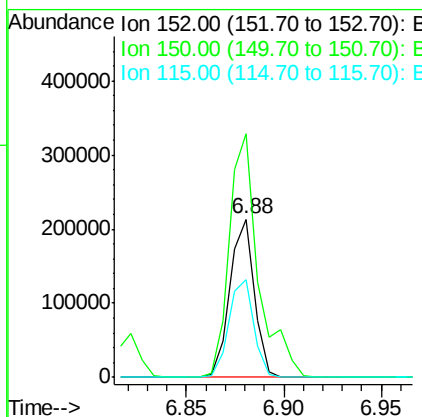
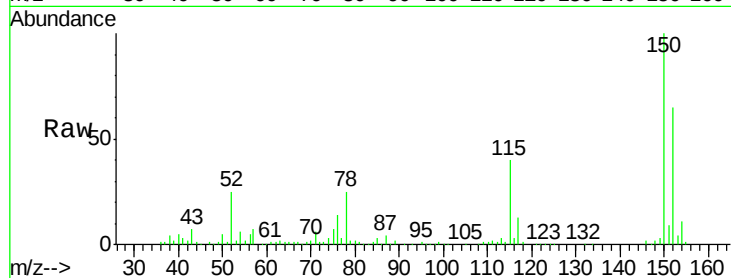
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	61.3	50.1	75.1

Manual Integrations
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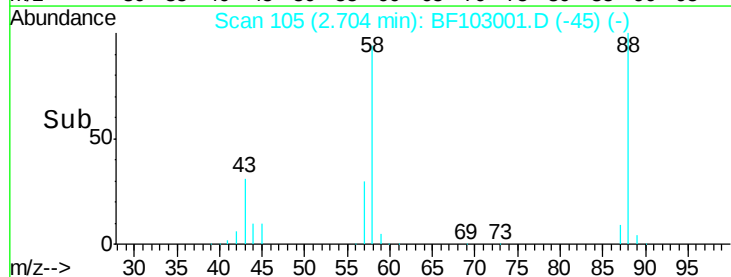
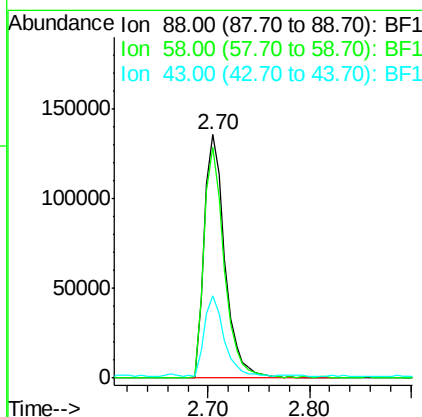
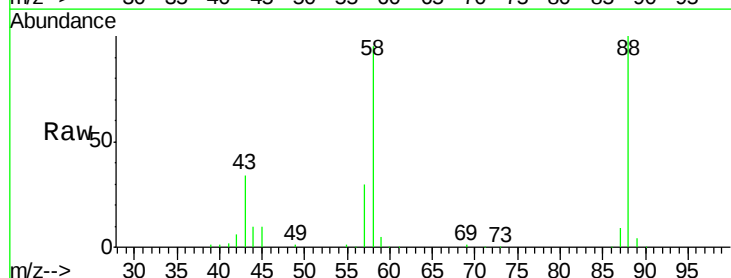
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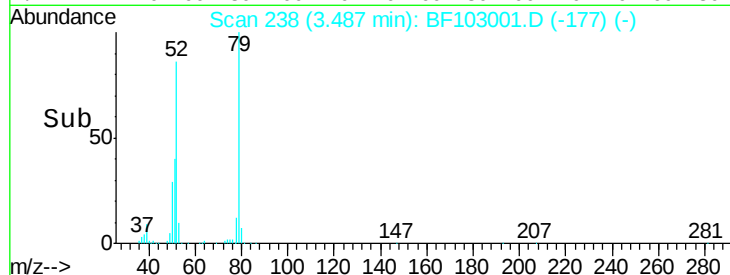
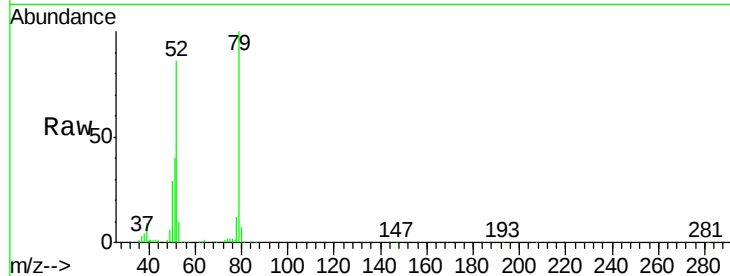
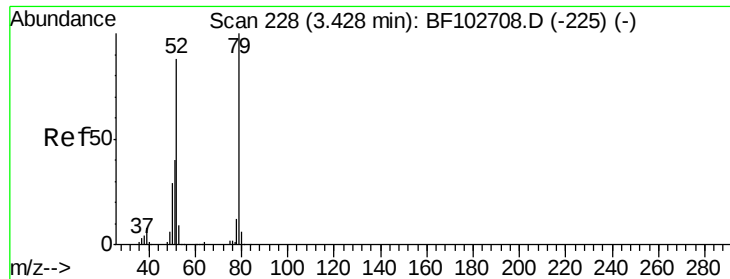


#2

1,4-Dioxane
Concen: 31.775 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.05 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.7	62.6	93.8
43	31.4	24.6	37.0





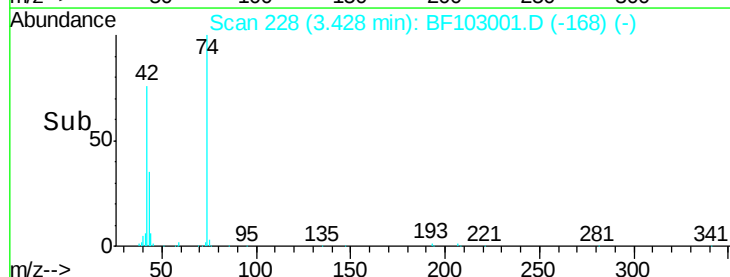
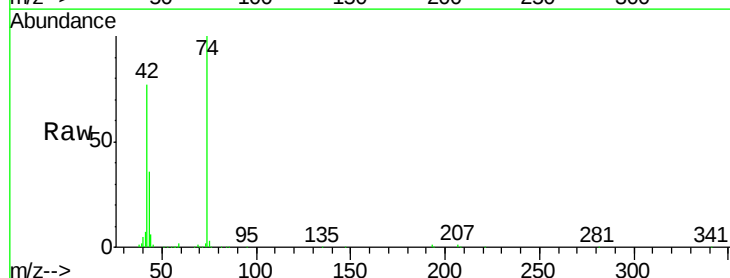
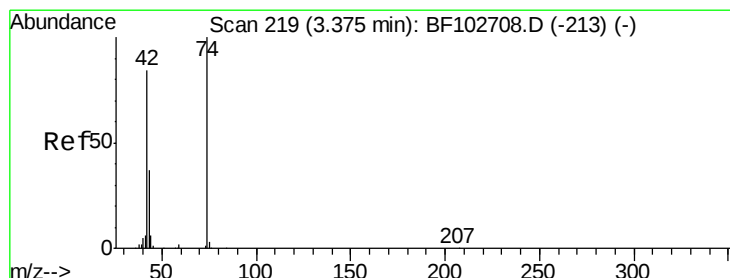
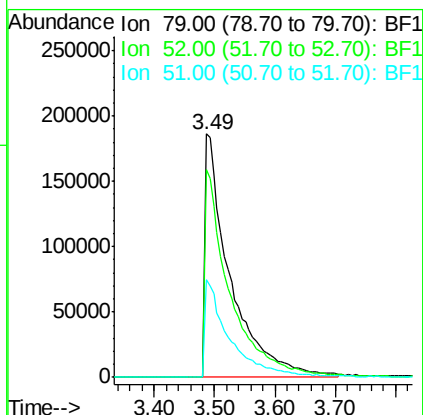
#3
Pvridine
Concen: 32.194 ng
RT: 3.49 min Scan# 238
Delta R.T. 0.06 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		535987		
52	85.5	59.8	89.6		
51	40.3	29.8	44.8		

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

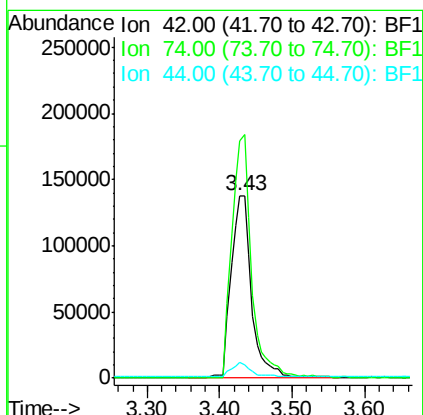
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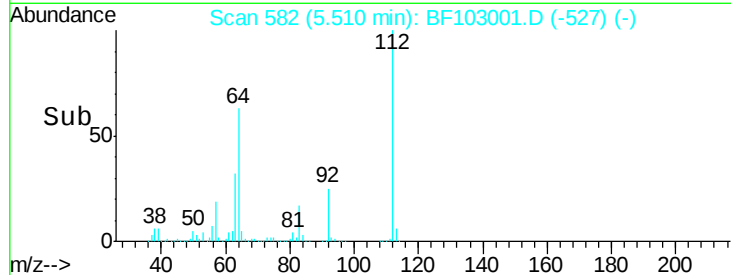
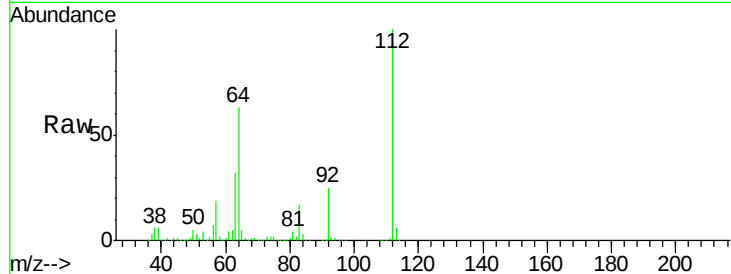
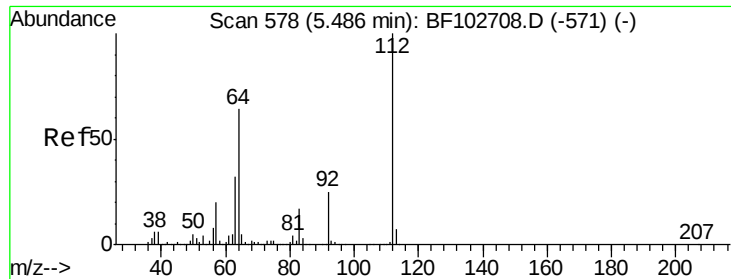
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#4
n-Nitrosodimethylamine
Concen: 37.933 ng
RT: 3.43 min Scan# 228
Delta R.T. 0.05 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		270203		
74	130.1	104.9	157.3		
44	8.4	6.9	10.3		





#5

2-Fluorophenol

Concen: 101.074 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Tot Ion	Ratio	Resp	Lower	Upper
112	100	1233111		
64	62.6	47.9	71.9	
63	31.7	23.7	35.5	

Instrument :

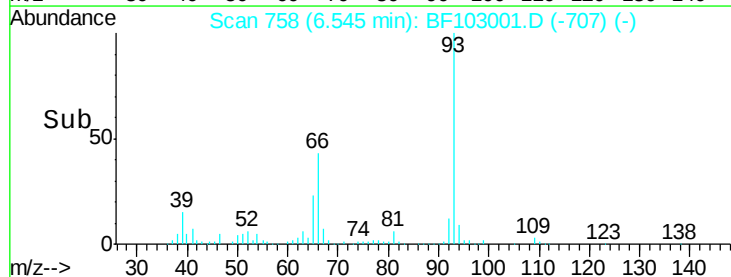
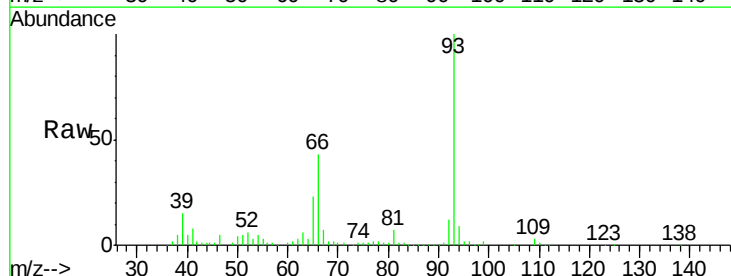
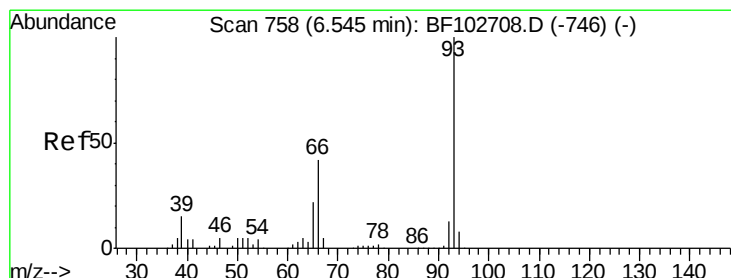
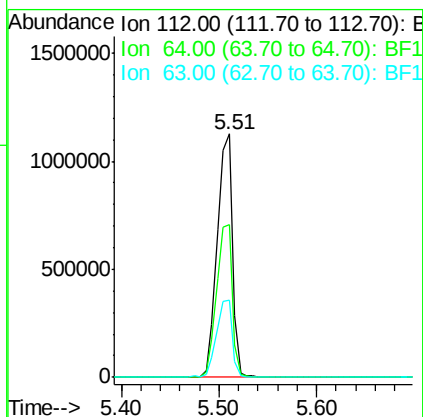
BNA_F

ClientSampleId :

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

Manual Integrations
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#6

Aniline

Concen: 14.611 ng

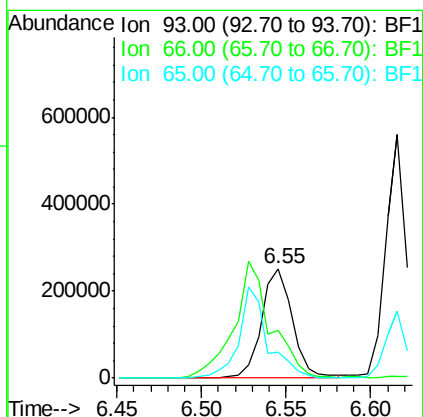
RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	316952		
66	42.9	32.2	48.2	
65	23.3	16.4	24.6	





#7

Phenol-d6

Concen: 97.371 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion: 99 Resp: 1430351

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

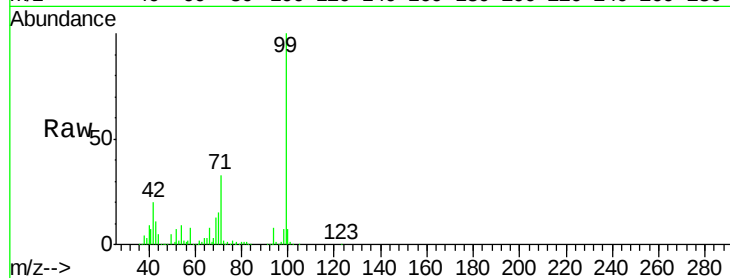
71 32.9 25.4 38.0

Manual Integrations

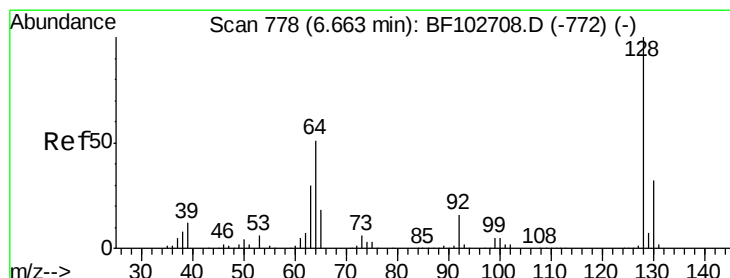
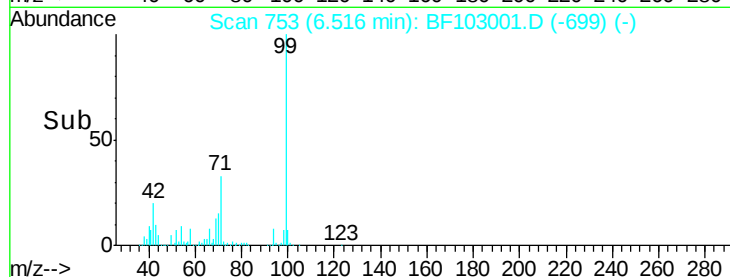
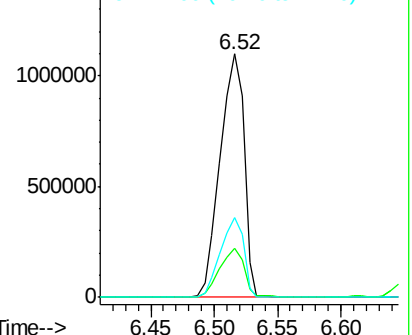
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Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.980 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

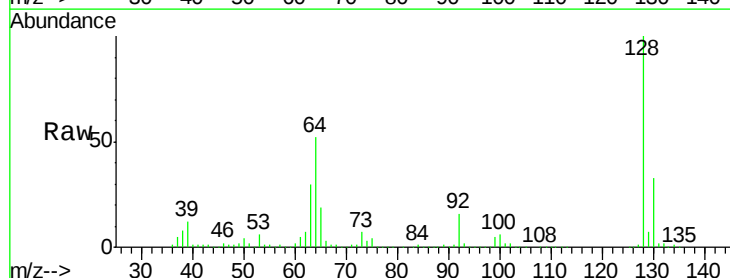
Tgt Ion: 128 Resp: 451909

Ion Ratio Lower Upper

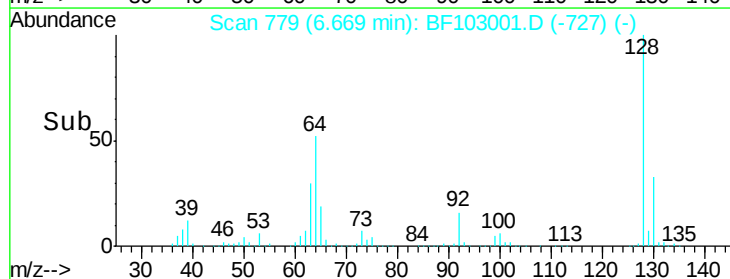
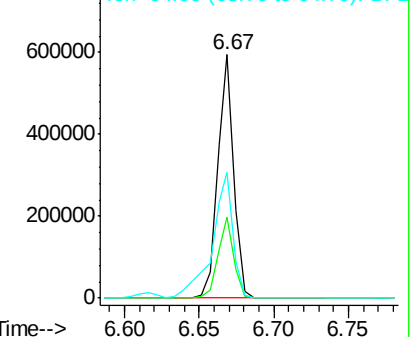
128 100

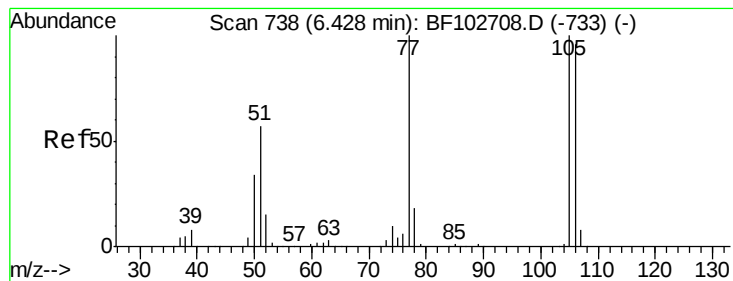
130 33.1 13.0 53.0

64 51.6 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
800000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.444 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

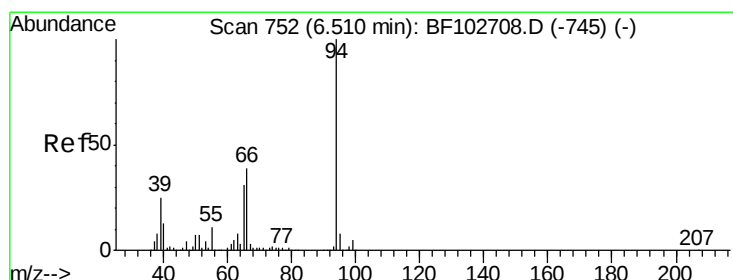
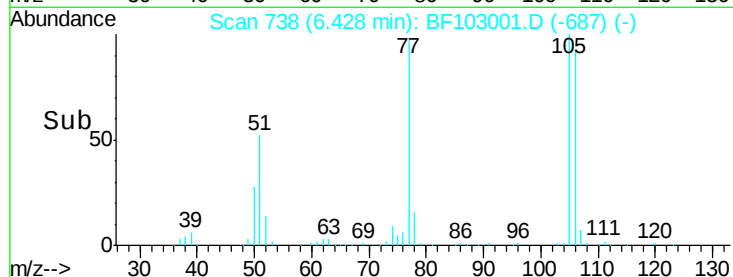
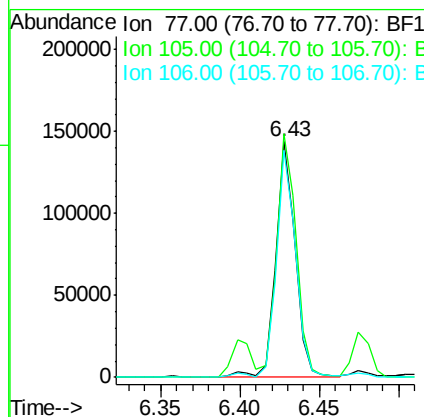
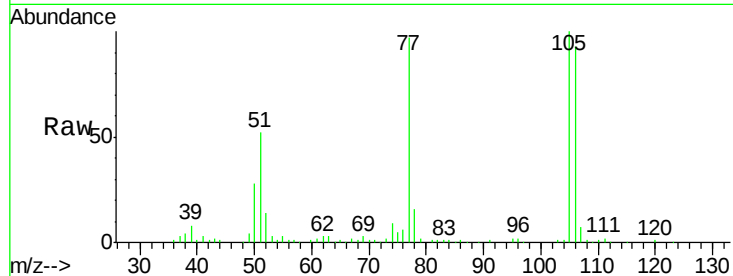
ClientSampleId :

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

Tot Ion:	77	Resp:	124847
Ion Ratio	Lower	Upper	
77	100		
105	103.3	81.1	121.1
106	96.1	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 38.024 ng

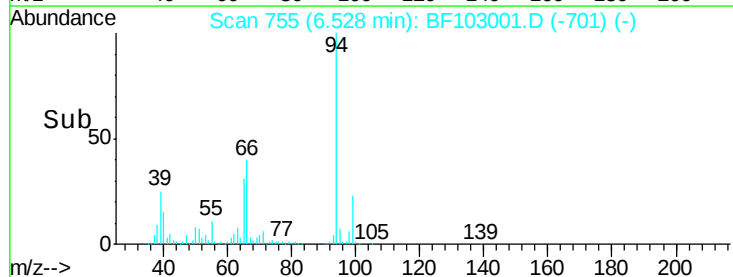
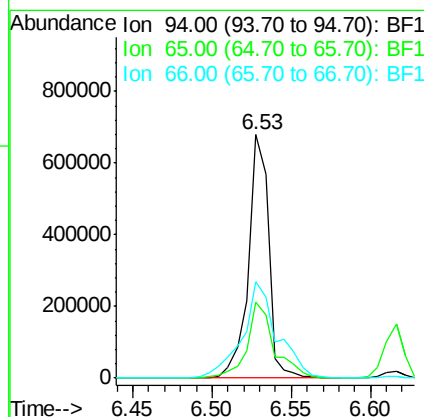
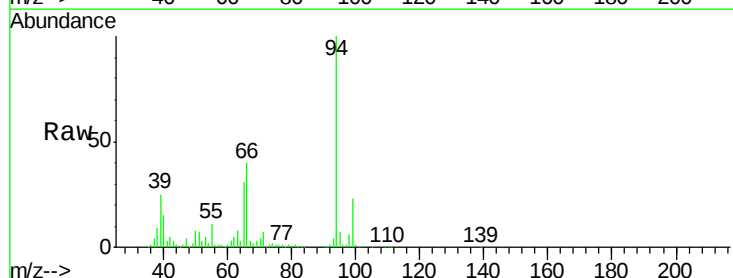
RT: 6.53 min Scan# 755

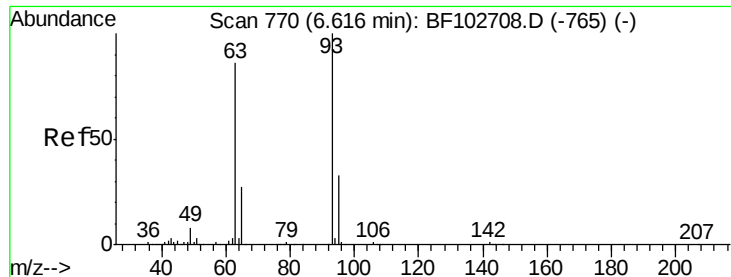
Delta R.T. 0.02 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Tgt Ion:	94	Resp:	598595
Ion Ratio	Lower	Upper	
94	100		
65	31.0	7.9	47.9
66	39.6	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 35.330 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

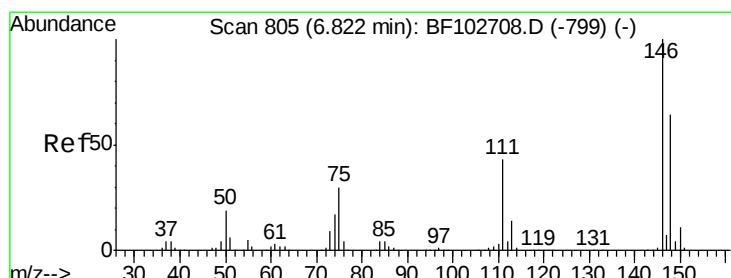
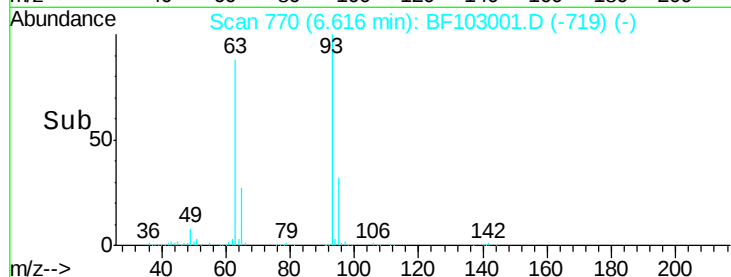
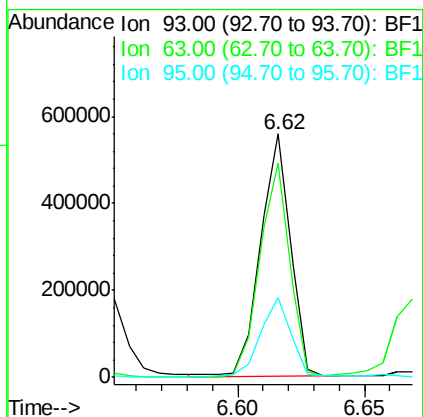
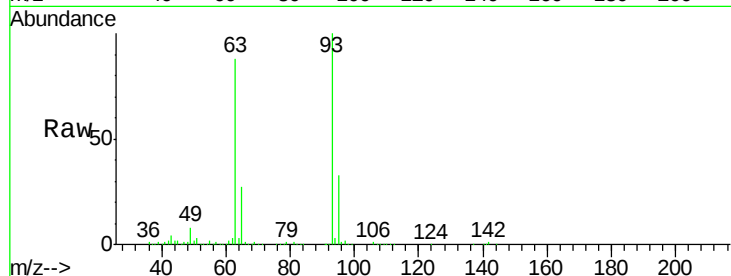
ClientSampleId :

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

Tot Ion:	93	Resp:	462817
Ion Ratio	Lower	Upper	
93	100		
63	88.2	58.6	98.6
95	32.9	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 32.318 ng

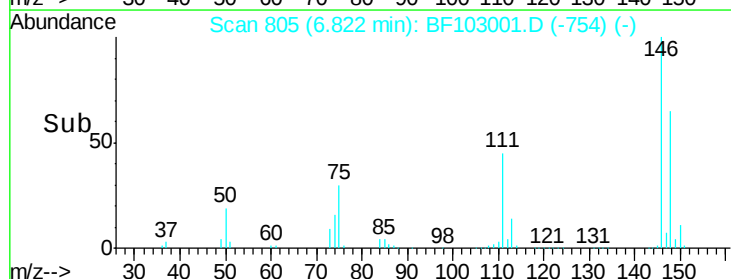
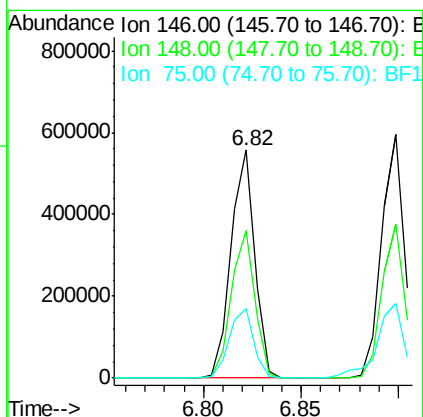
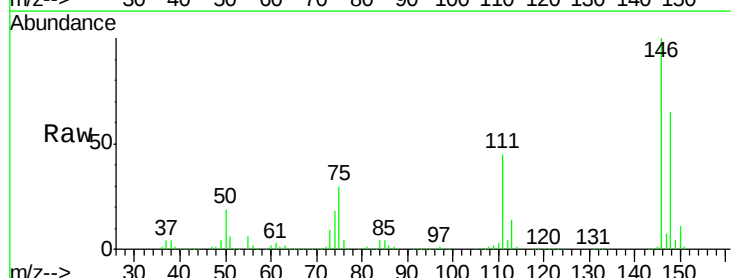
RT: 6.82 min Scan# 805

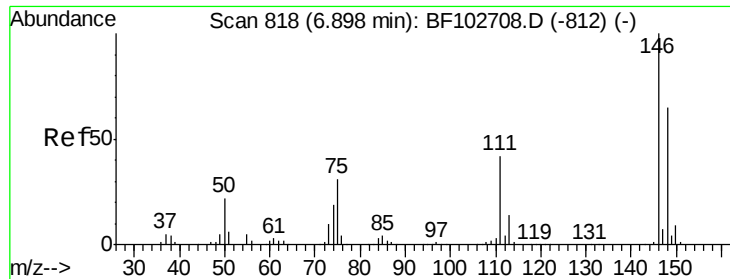
Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Tgt Ion:	146	Resp:	470061
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.8	77.8
75	30.5	24.2	36.4





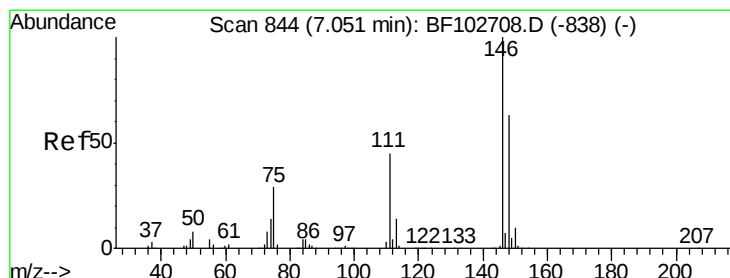
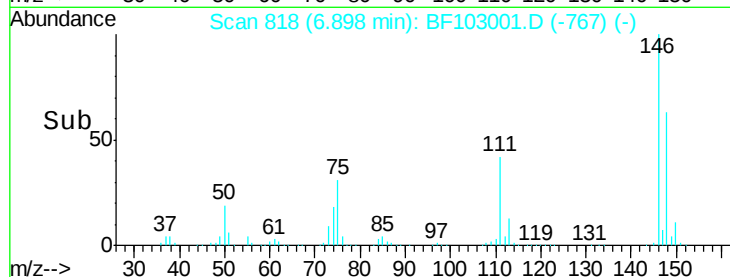
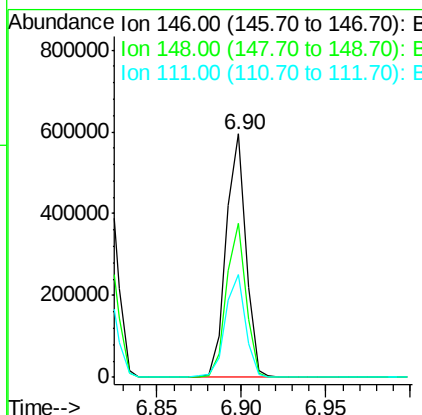
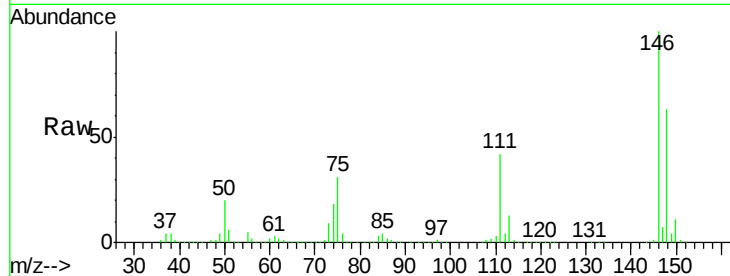
#13
 1,4-Dichlorobenzene
 Concen: 33.229 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	42.4	34.2	51.2

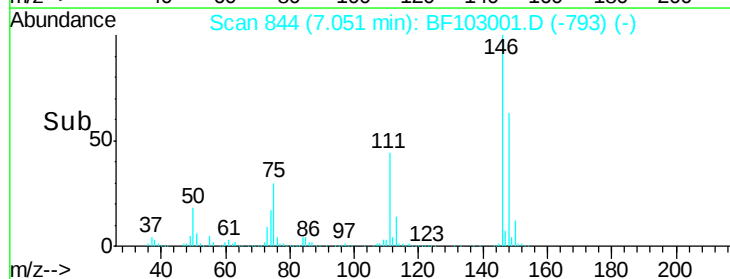
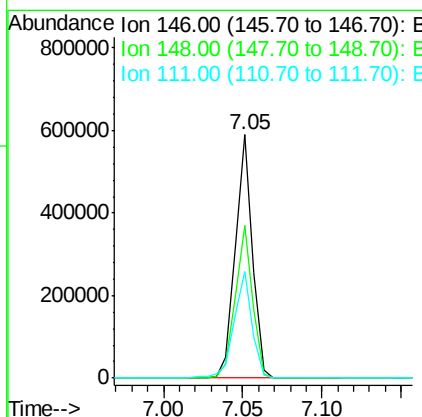
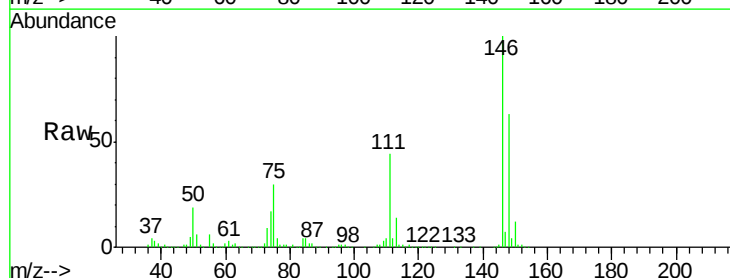
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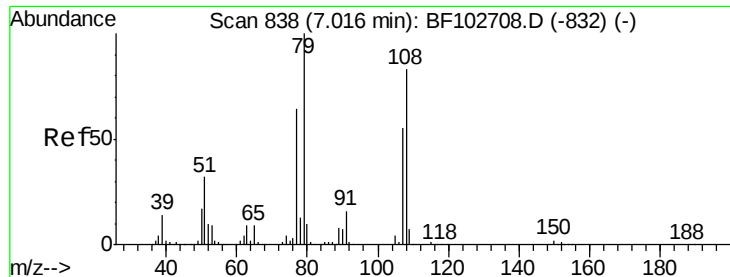
Sohil
 2/15/2018 11:06:42 AM



#14
 1,2-Dichlorobenzene
 Concen: 32.828 ng
 RT: 7.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	75.8
111	43.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 34.090 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

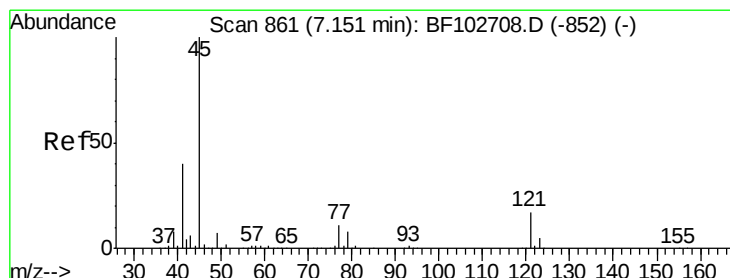
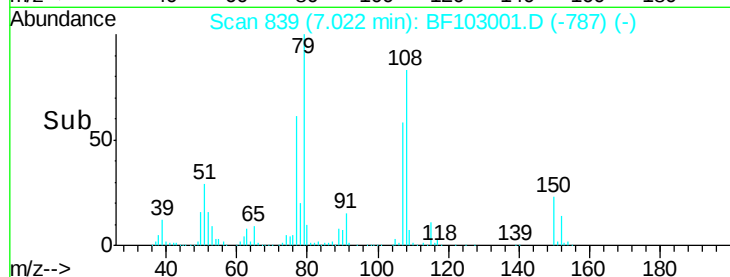
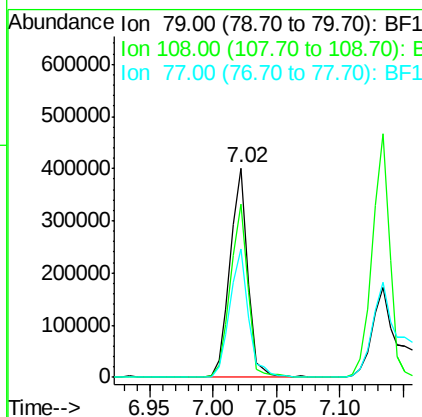
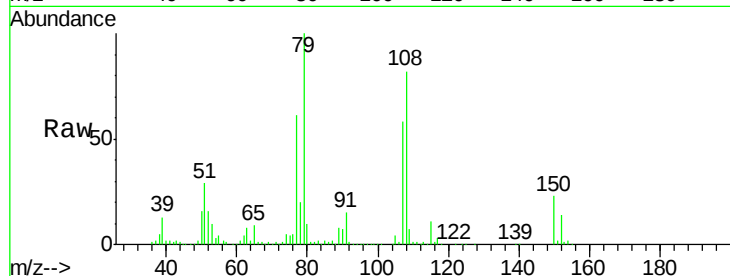
ClientSampleId :

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

Tot Ion:	79	Resp:	385002
Ion Ratio	Lower	Upper	
79	100		
108	82.5	65.1	97.7
77	61.2	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.944 ng

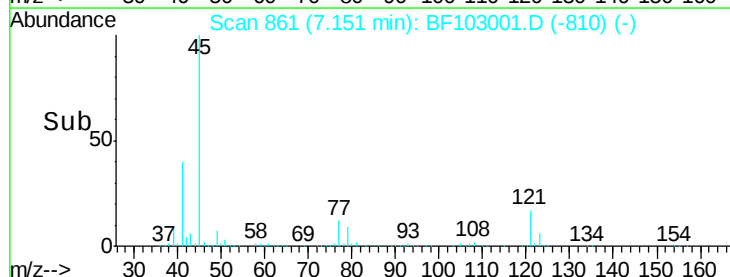
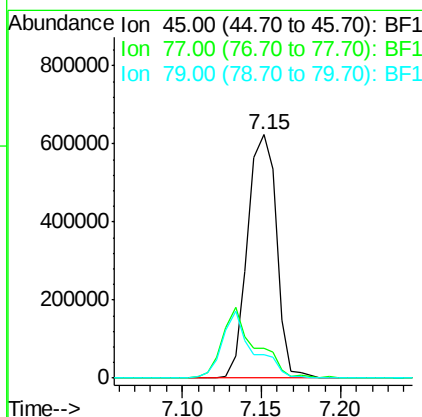
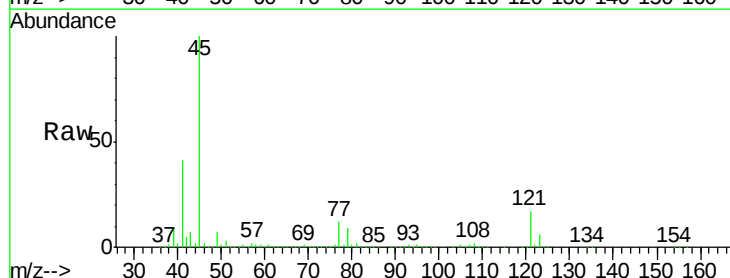
RT: 7.15 min Scan# 861

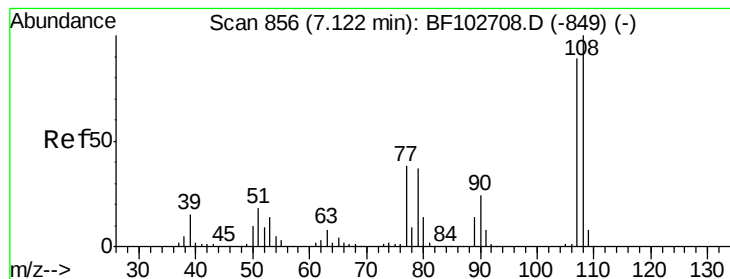
Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Tgt Ion:	45	Resp:	794904
Ion Ratio	Lower	Upper	
45	100		
77	12.4	0.0	32.9
79	9.4	0.0	29.6





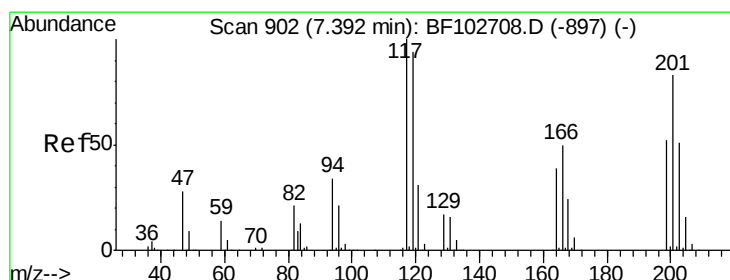
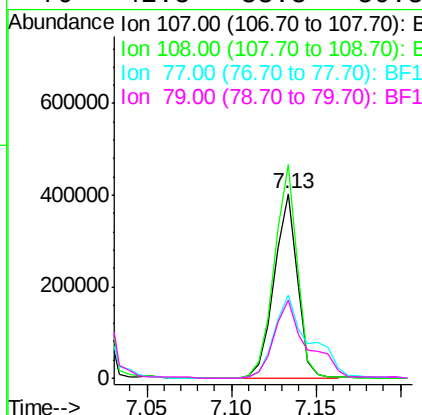
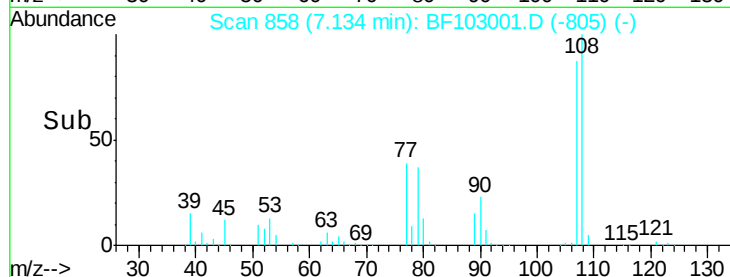
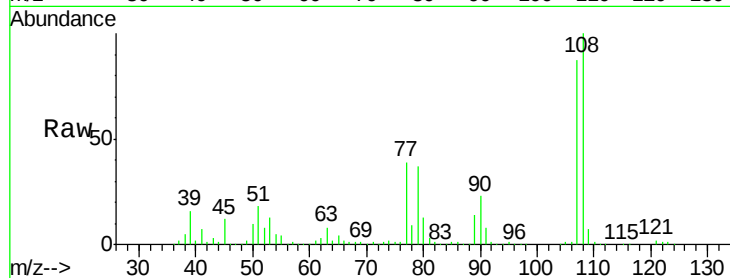
#17
2-Methylphenol
Concen: 33.004 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.6	91.7	137.5	
77	45.2	33.8	50.8	
79	42.5	33.8	50.8	

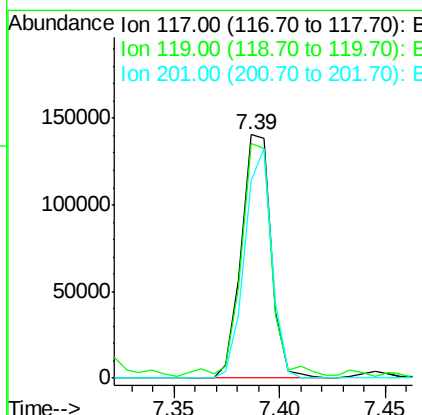
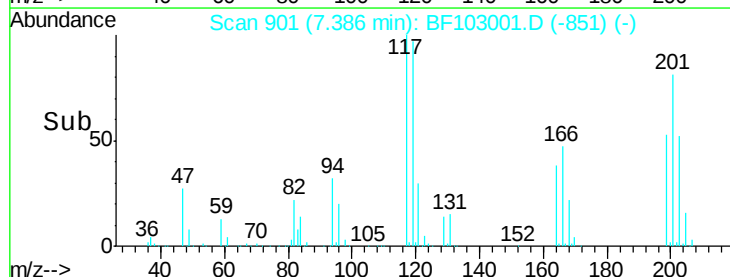
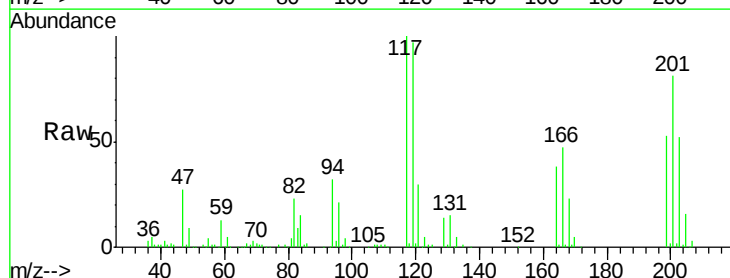
Manual Integrations
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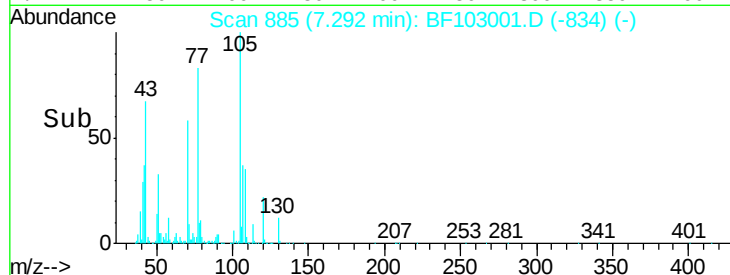
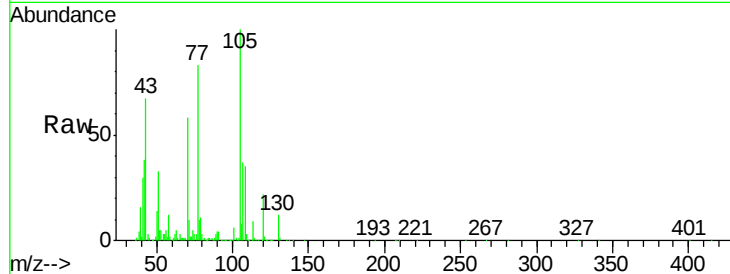
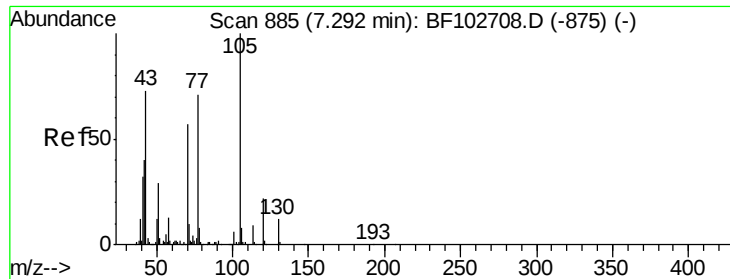
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#18
Hexachloroethane
Concen: 27.670 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	75.8	113.8	
201	81.3	75.7	113.5	





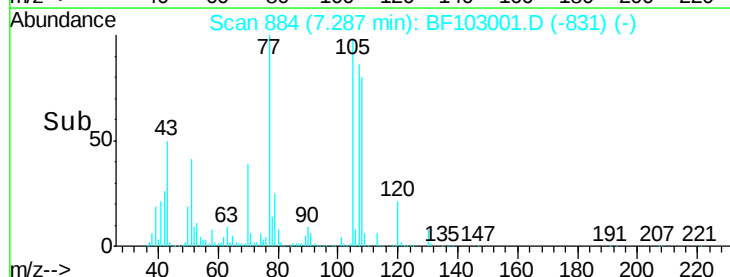
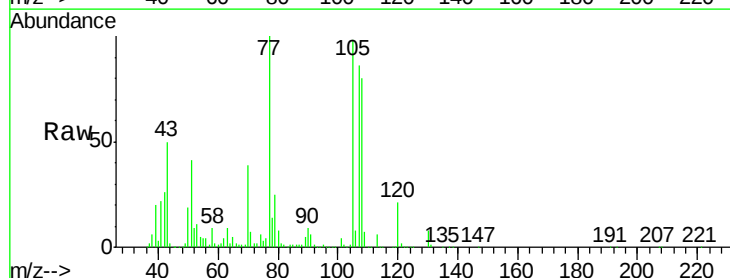
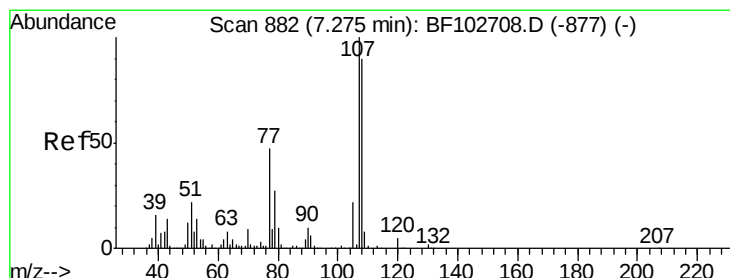
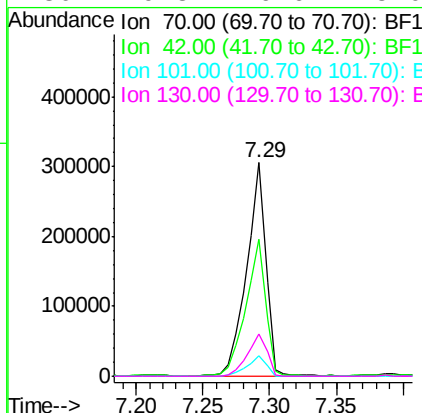
#19
n-Nitroso-di-n-propylamine
Concen: 31.116 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

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

Tot Ion	70	Resp	301363
Ion Ratio	Lower	Upper	
70	100		
42	64.4	47.5	71.3
101	9.5	7.4	11.2
130	19.8	16.6	25.0

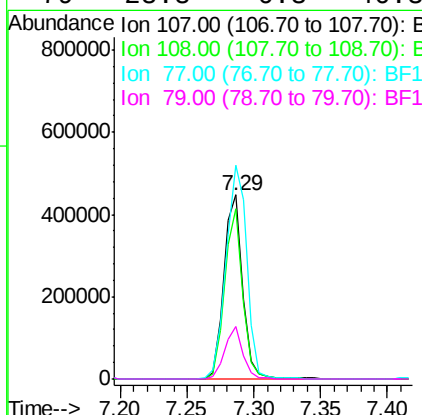
Manual Integrations
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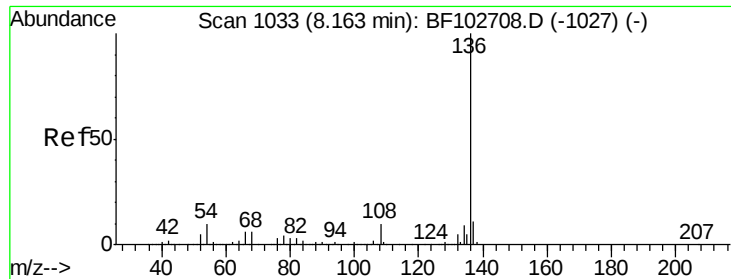
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#20
3+4-Methylphenols
Concen: 31.170 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion	107	Resp	445322
Ion Ratio	Lower	Upper	
107	100		
108	92.6	68.2	108.2
77	115.9	26.7	66.7#
79	28.8	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: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

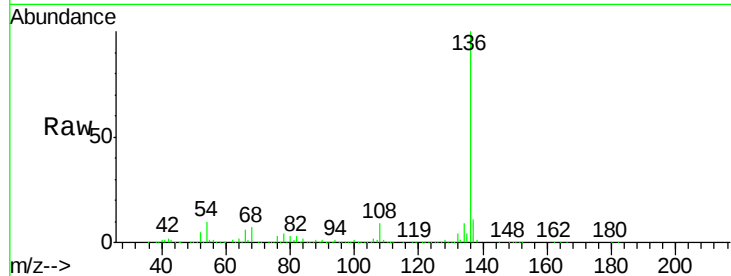
ClientSampleId :

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		729167		
137	11.1		8.9	13.3	
54	9.9		6.6	9.8	
68	6.7		5.0	7.4	

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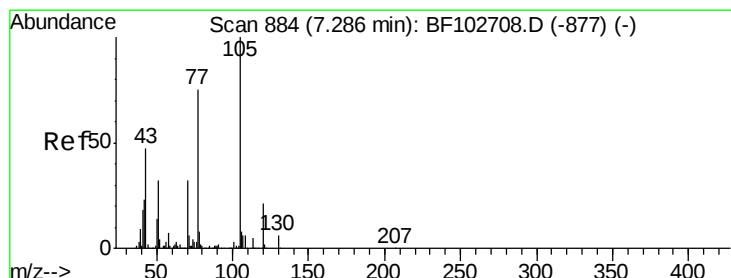
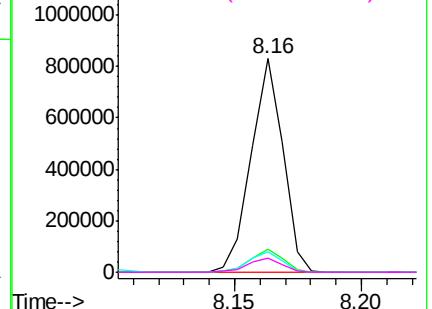
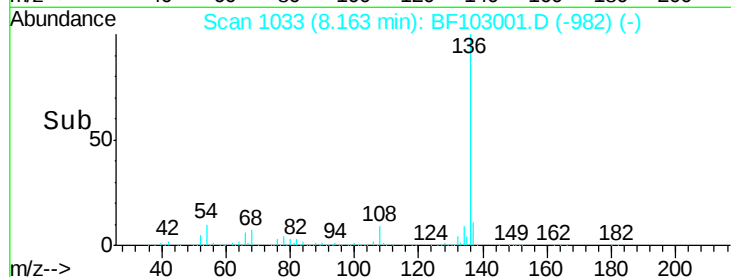
Abundance

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: 33.638 ng

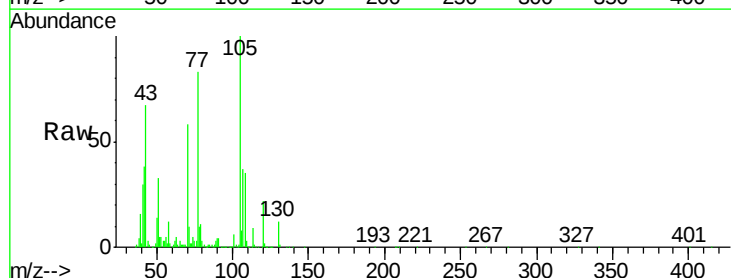
RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		600218		
71	9.8		4.4	6.6	
51	33.0		22.3	33.5	
120	22.5		16.9	25.3	



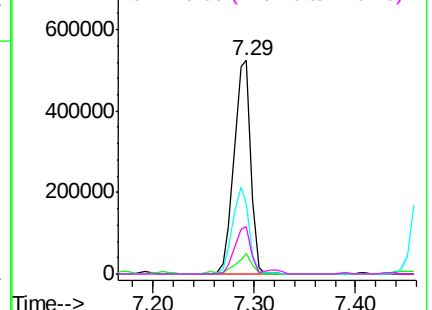
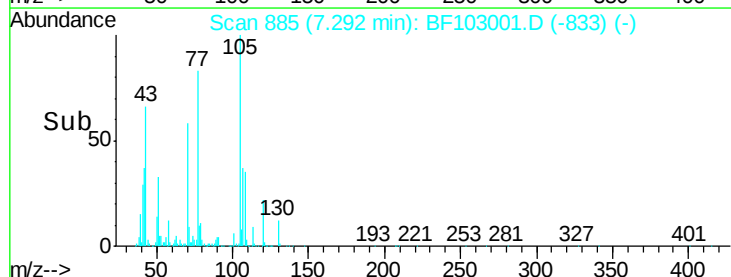
Abundance

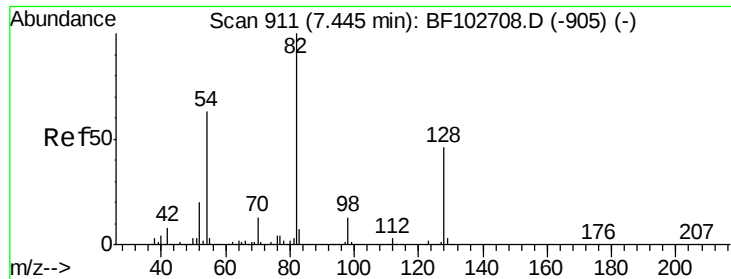
Ion 105.00 (104.70 to 105.70): E

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





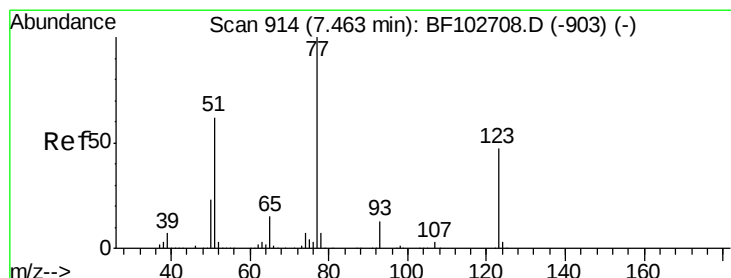
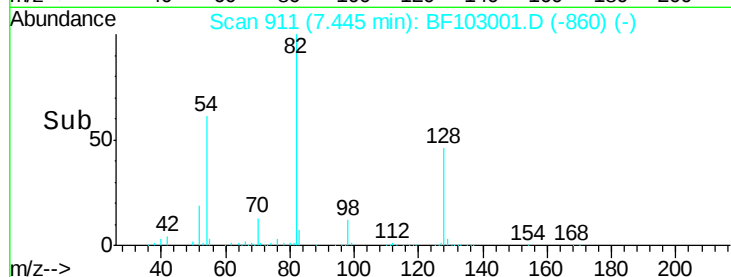
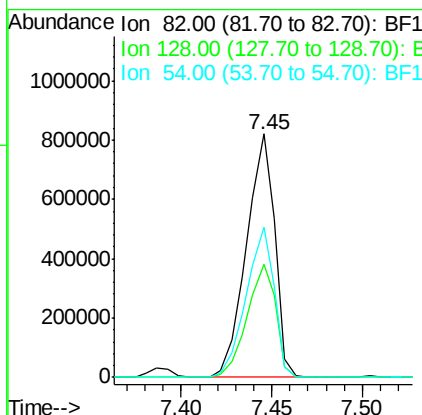
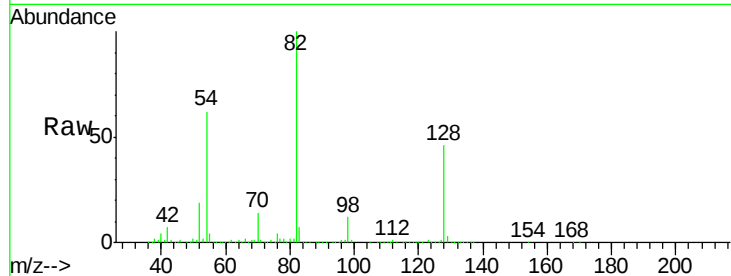
#23
Nitrobenzene-d5
Concen: 84.450 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	887665		
128	46.3		36.1	54.1
54	61.6		41.4	62.2

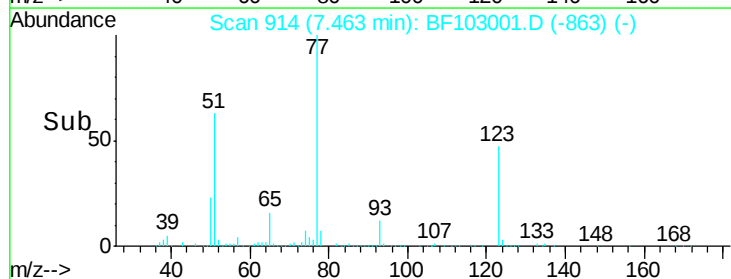
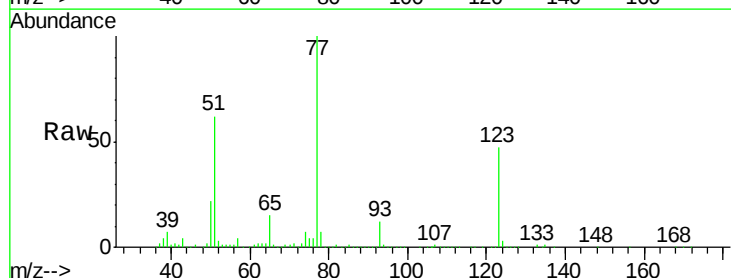
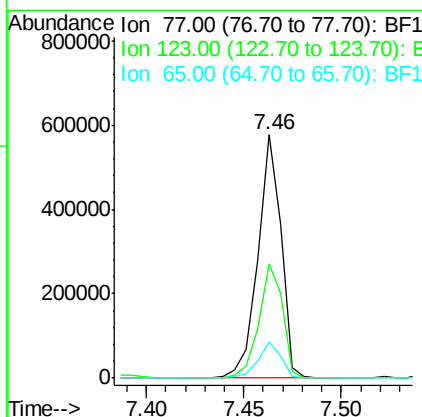
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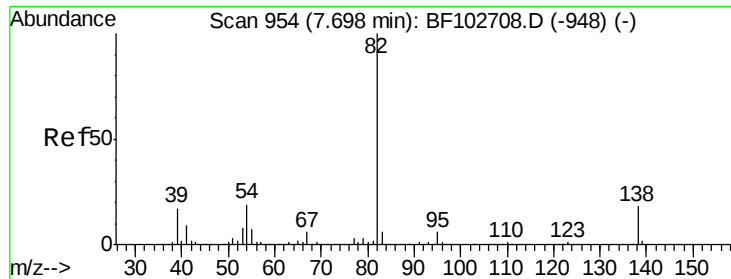
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#24
Nitrobenzene
Concen: 38.028 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	470322		
123	47.1		37.9	56.9
65	15.0		11.0	16.4





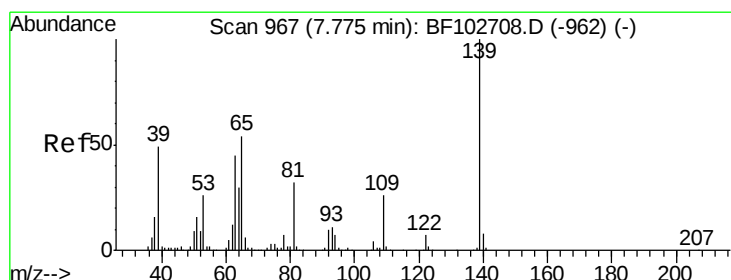
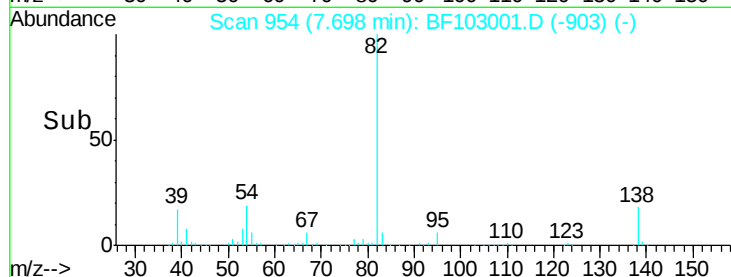
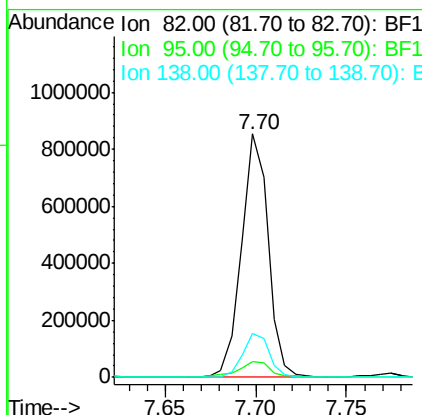
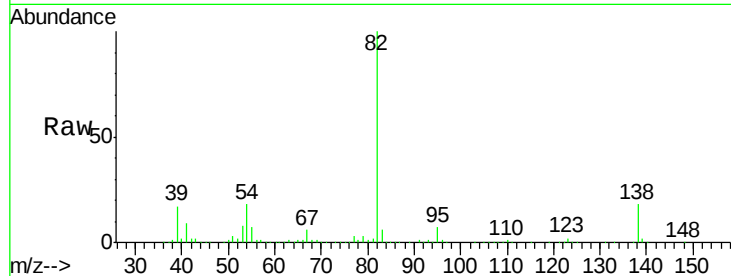
#25
Isophorone
Concen: 35.982 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.6	5.2	7.8	
138	18.2	14.9	22.3	

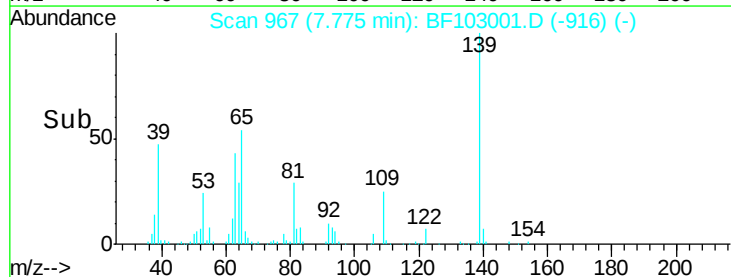
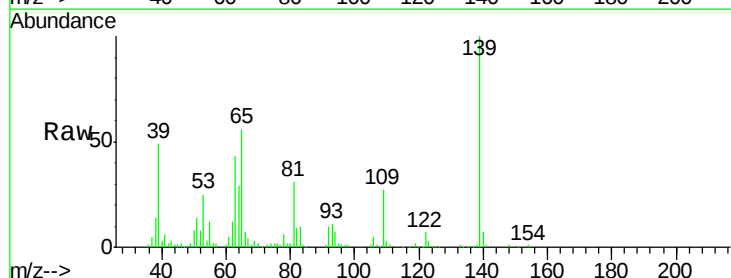
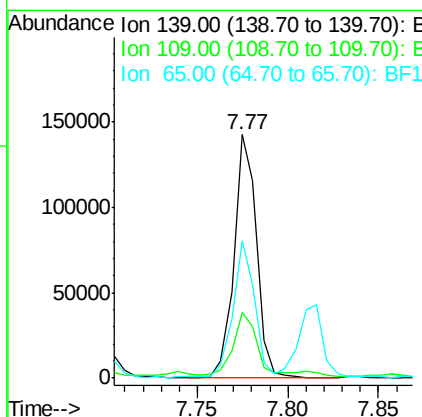
Manual Integrations
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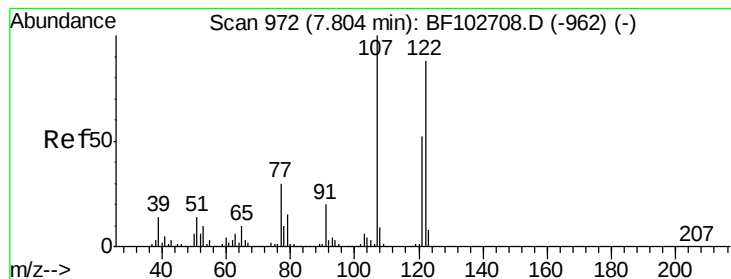
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#26
2-Nitrophenol
Concen: 28.593 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	27.1	22.7	34.1	
65	56.4	40.5	60.7	





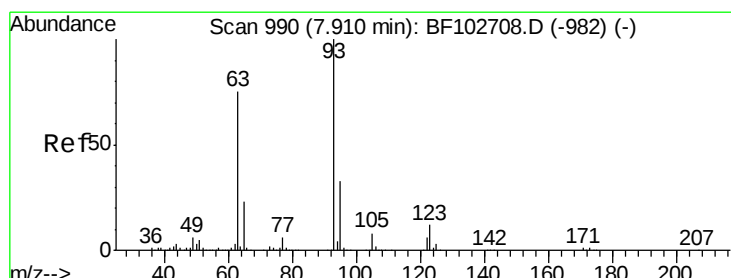
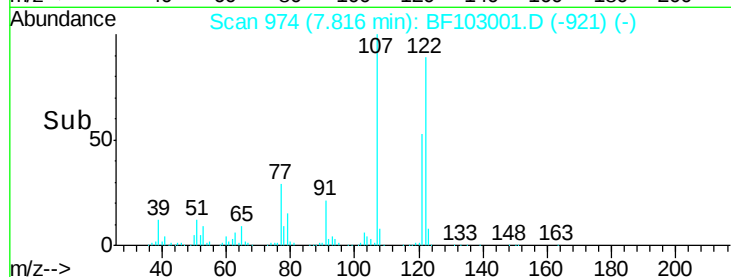
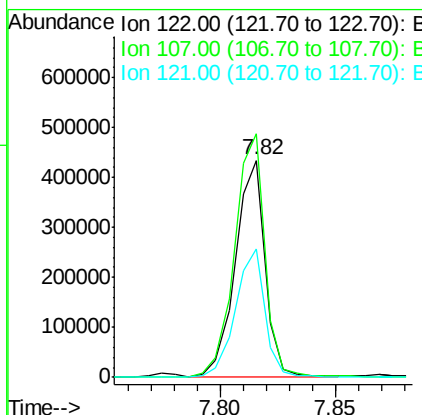
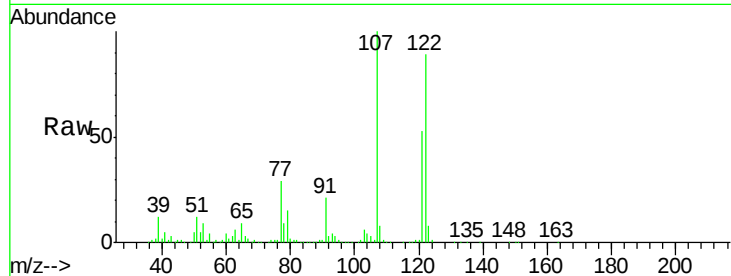
#27
2,4-Dimethylphenol
Concen: 37.773 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	386253		
107	112.2	91.2	136.8	
121	59.3	47.2	70.8	

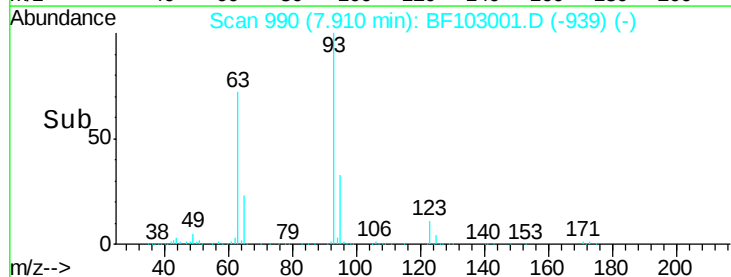
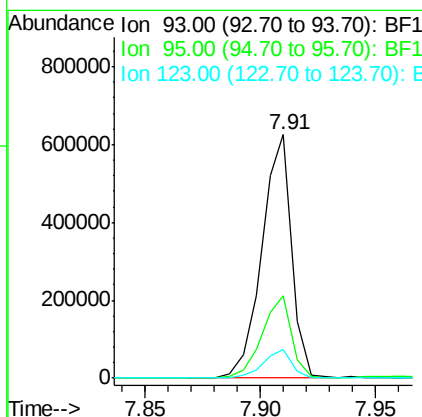
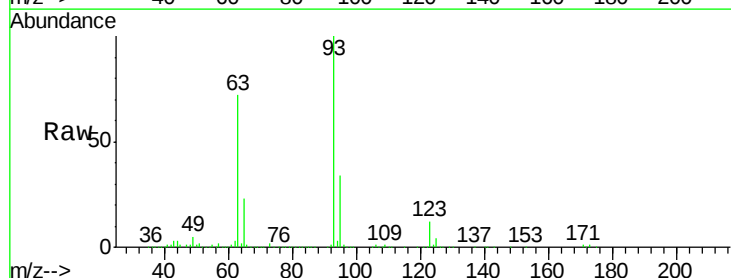
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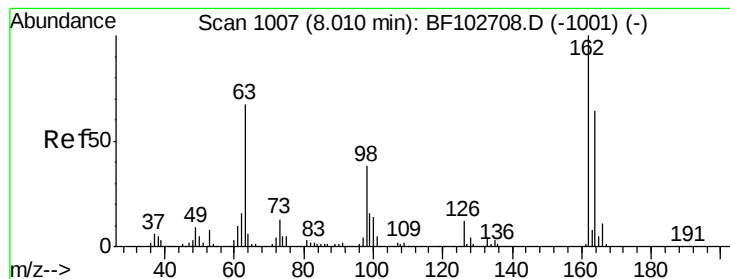
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 38.931 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	558197		
95	33.6	26.3	39.5	
123	11.7	9.8	14.6	





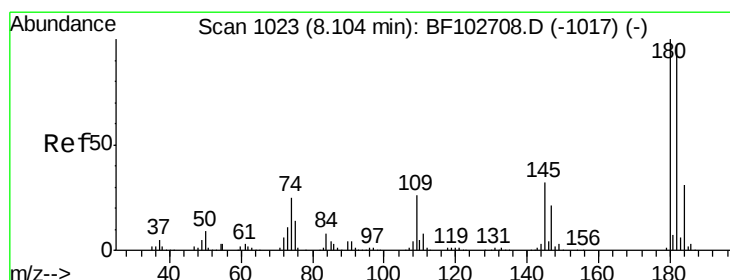
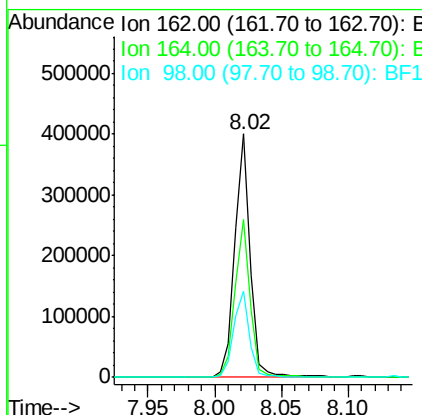
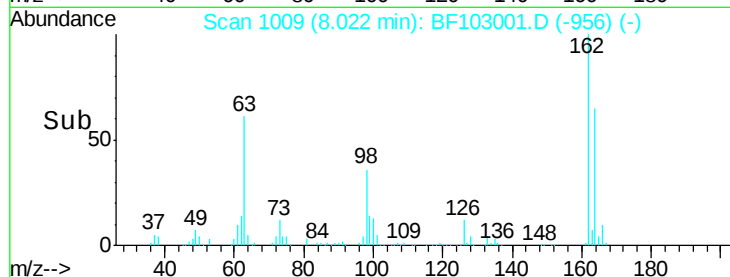
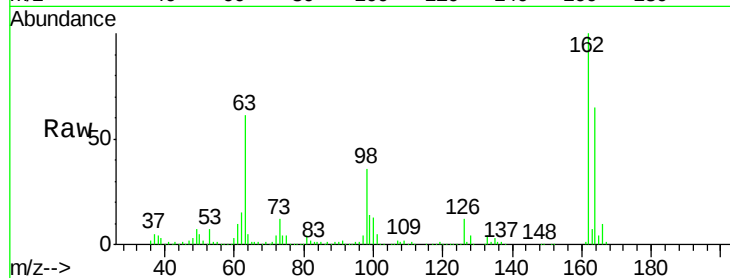
#29
 2,4-Dichlorophenol
 Concen: 35.544 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

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

Tot Ion:	162	Resp:	330402
Ion Ratio	Lower	Upper	
162	100		
164	65.0	42.7	82.7
98	35.6	18.1	58.1

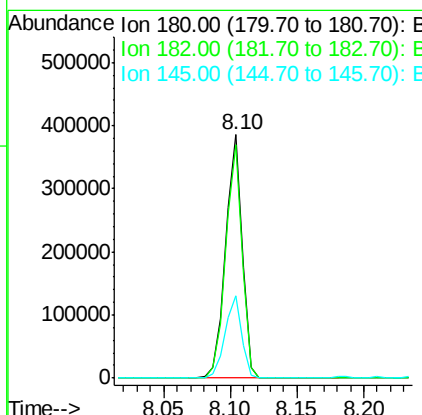
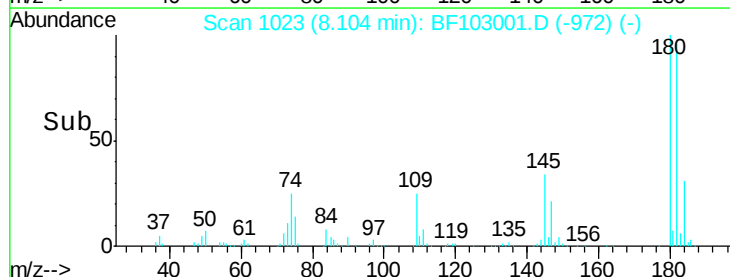
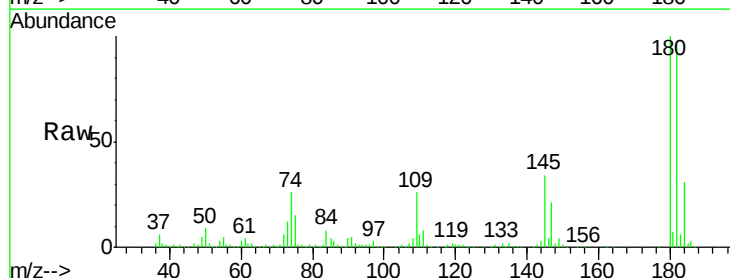
Manual Integrations
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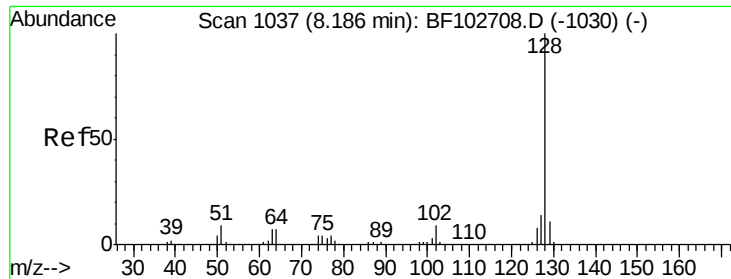
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#30
 1,2,4-Trichlorobenzene
 Concen: 32.465 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

Tgt Ion:	180	Resp:	341405
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.8	115.2
145	34.0	26.5	39.7





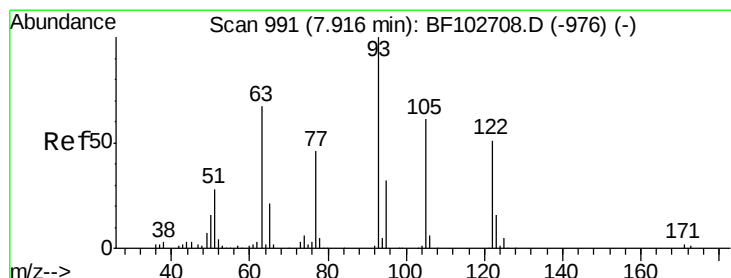
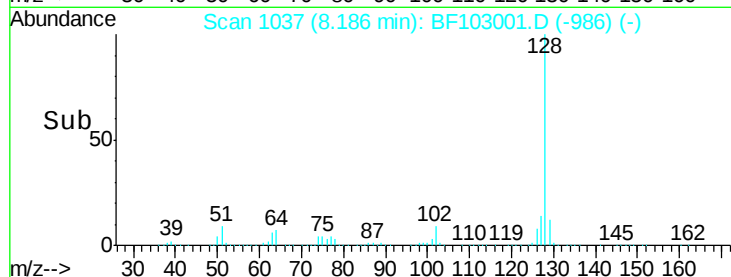
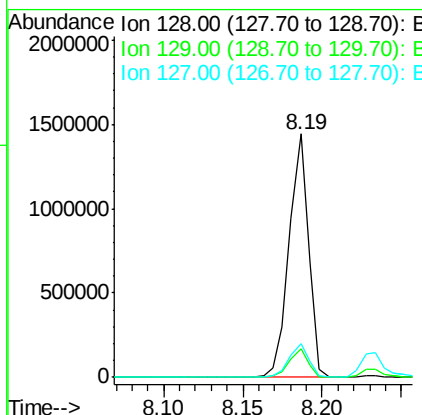
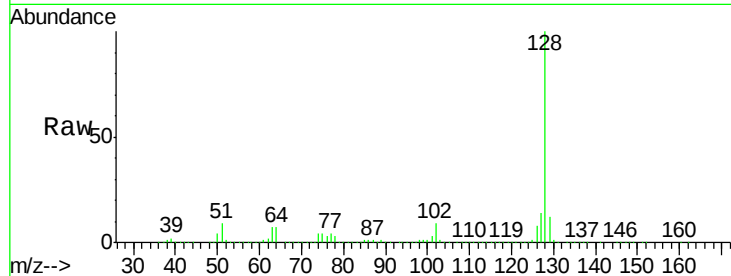
#31
Naphthalene
Concen: 34.595 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.8	10.9	16.3

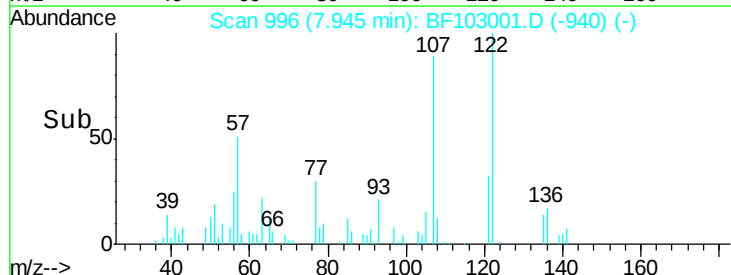
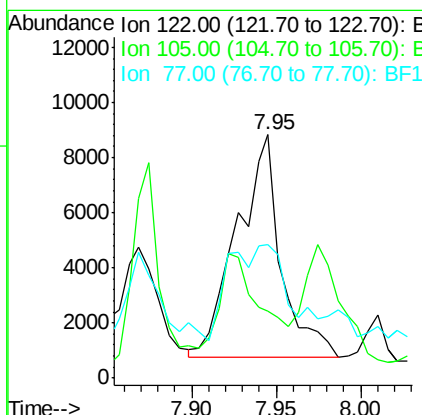
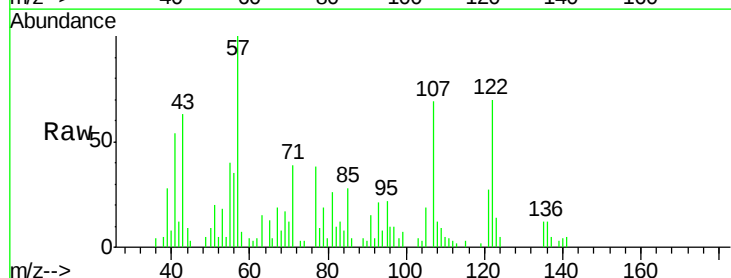
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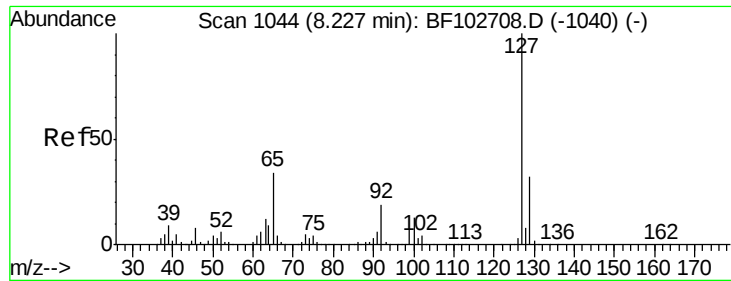
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#32
Benzoic acid
Concen: 10.508 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.03 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	27.5	101.1	141.1#
77	54.8	70.7	110.7#





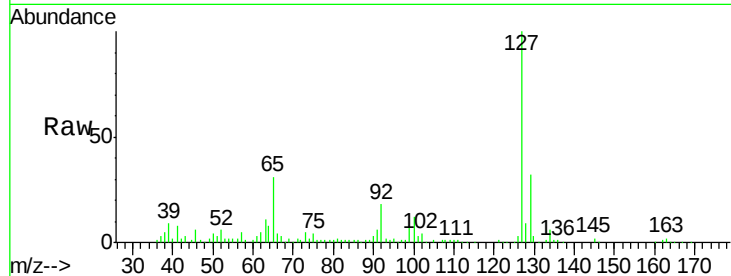
#33
4-Chloroaniline
Concen: 10.510 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

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

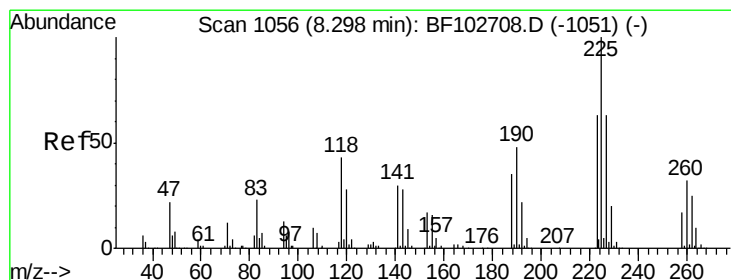
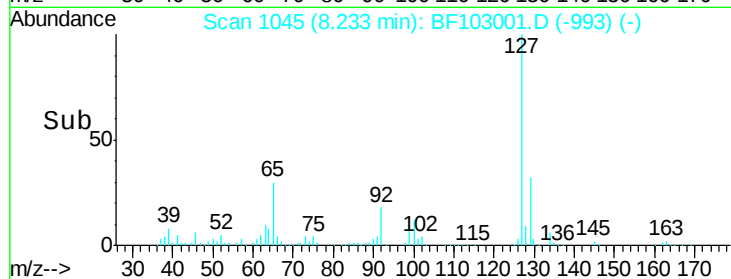
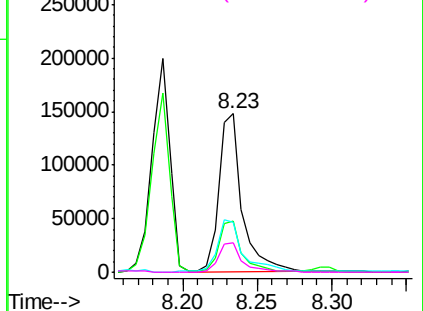
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	25.9	38.9		
65	31.3	25.0	37.4		
92	18.4	15.2	22.8		

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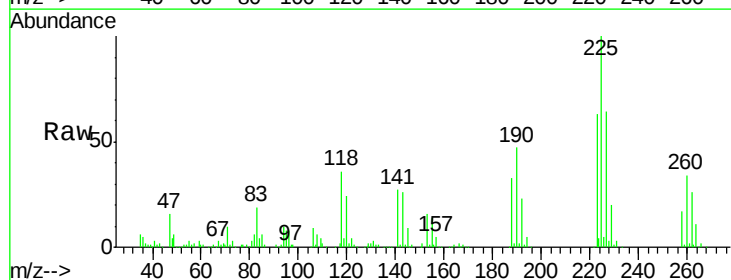


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

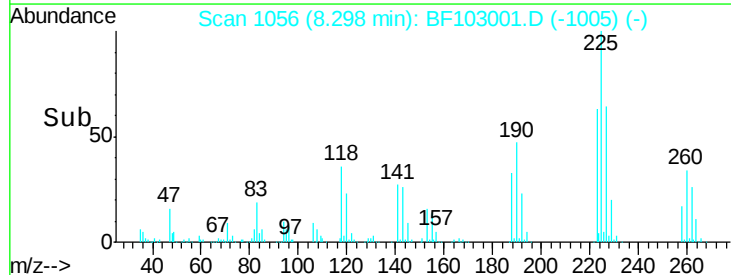
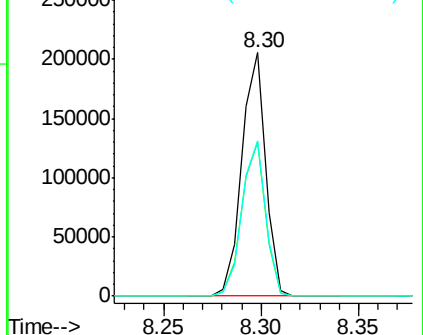


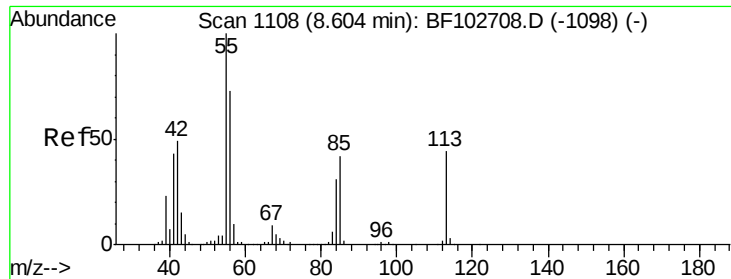
#34
Hexachlorobutadiene
Concen: 32.214 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	50.6	76.0		
227	63.9	51.9	77.9		



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





#35

Caprolactam

Concen: 32.255 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

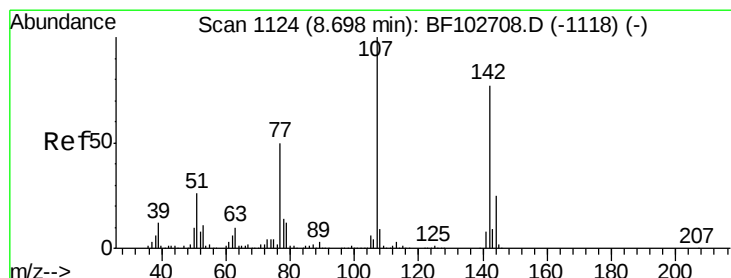
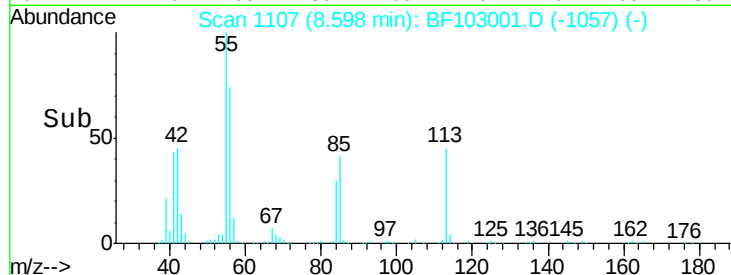
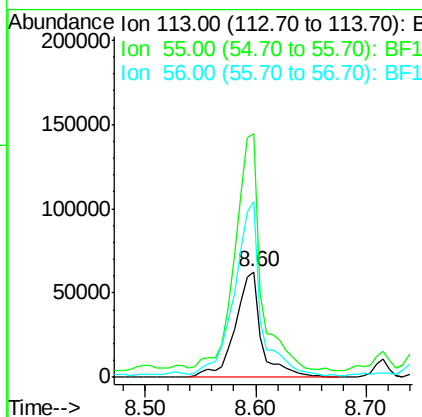
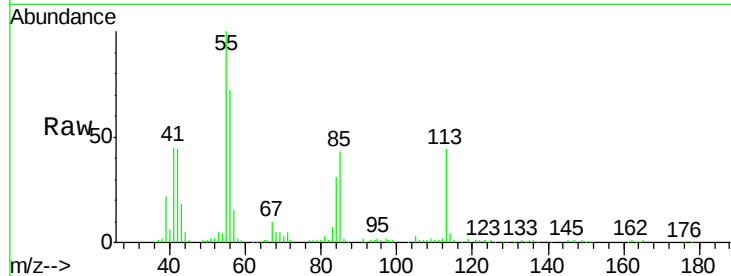
ClientSampleId :

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

Tot Ion:	113	Resp:	104126
Ion Ratio	Lower	Upper	
113	100		
55	229.7	163.3	203.3#
56	165.6	115.7	155.7#

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#36

4-Chloro-3-methylphenol

Concen: 32.896 ng

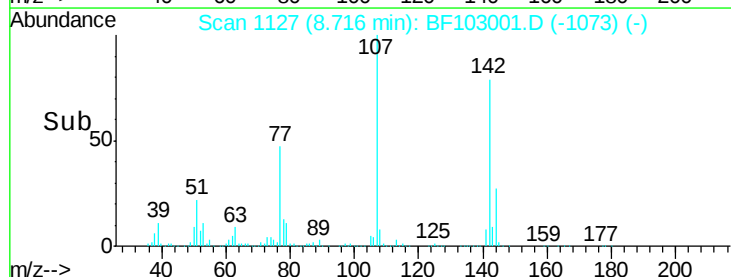
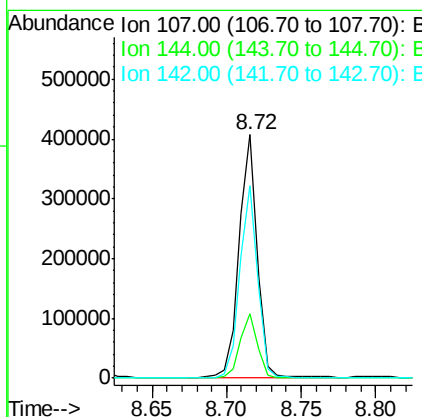
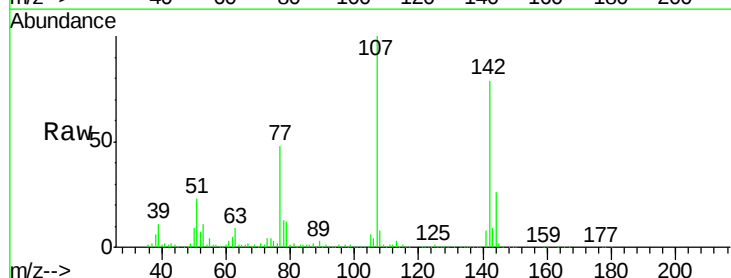
RT: 8.72 min Scan# 1127

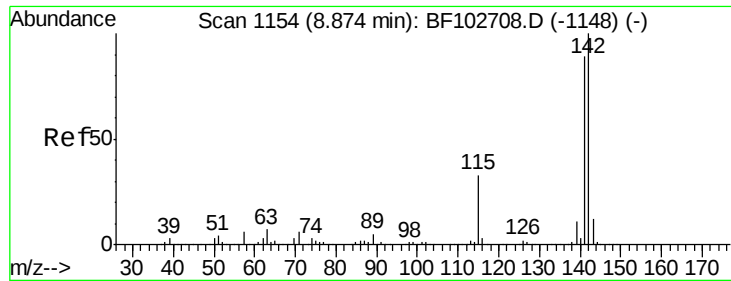
Delta R.T. 0.02 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Tgt Ion:	107	Resp:	343584
Ion Ratio	Lower	Upper	
107	100		
144	26.4	20.5	30.7
142	79.0	62.0	93.0





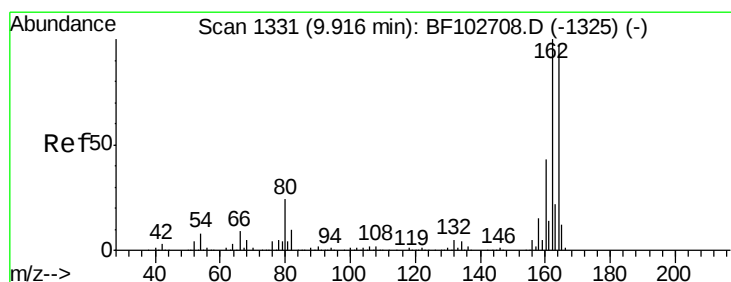
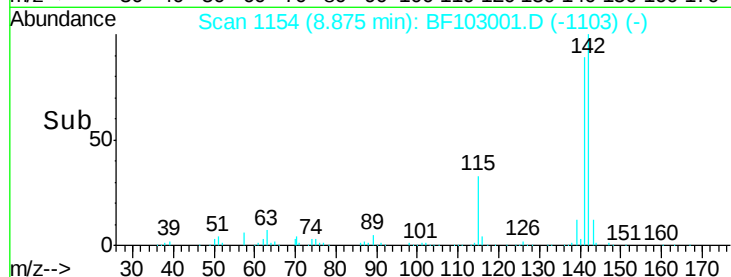
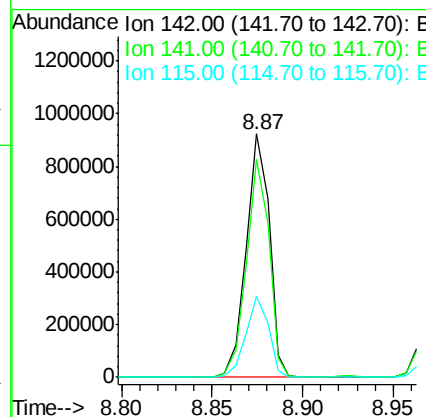
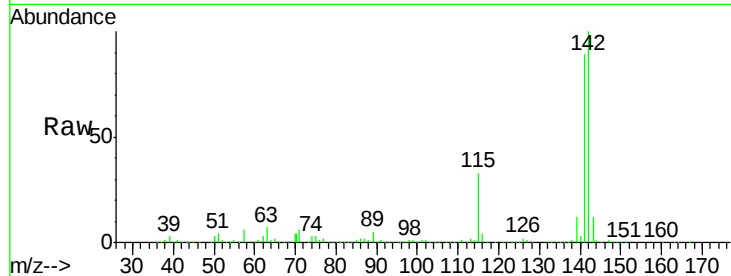
#37
2-Methylnaphthalene
Concen: 35.306 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

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

Tot Ion	Ratio	Resp	Lower	Upper
142	100	823505		
141	89.4	70.8	106.2	
115	33.4	26.1	39.1	

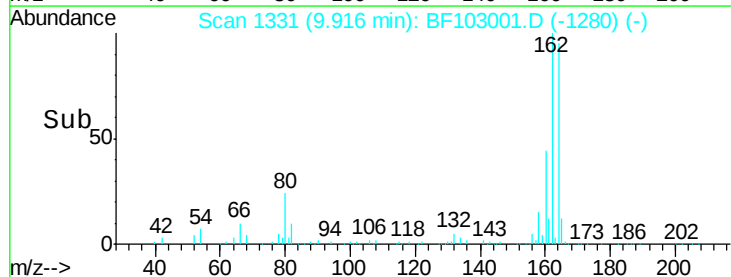
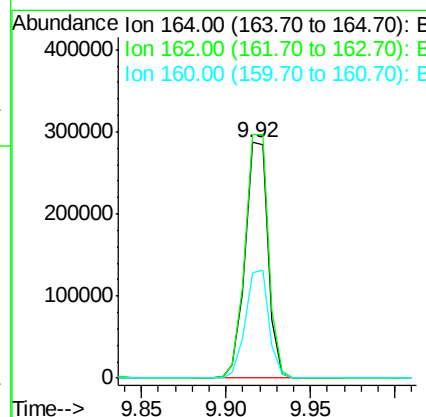
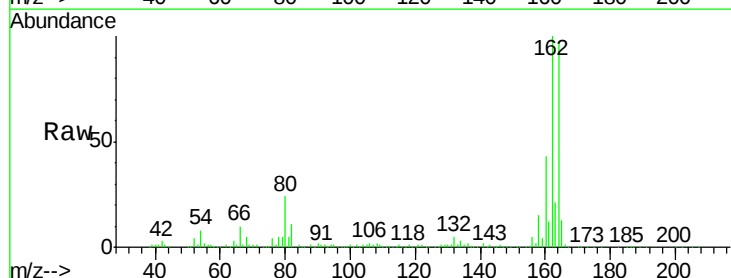
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	272998		
162	103.3	86.1	129.1	
160	44.9	38.3	57.5	





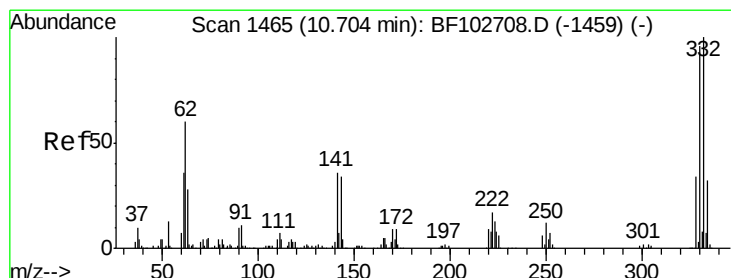
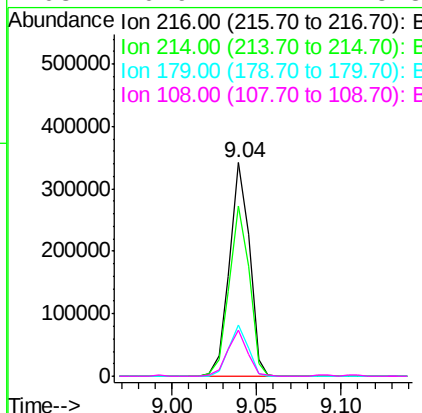
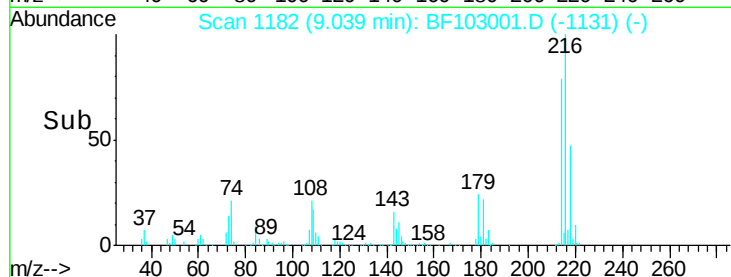
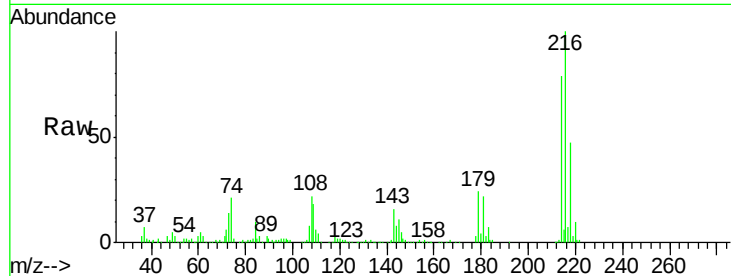
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.902 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

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

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	23.5	18.1	27.1
108	20.9	17.2	25.8

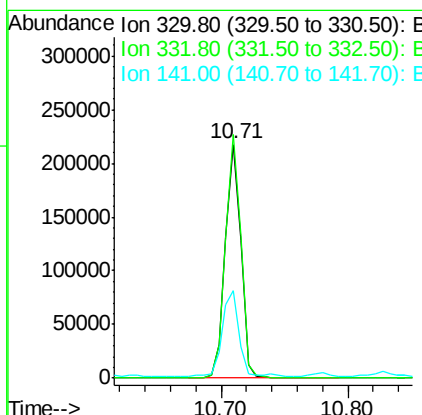
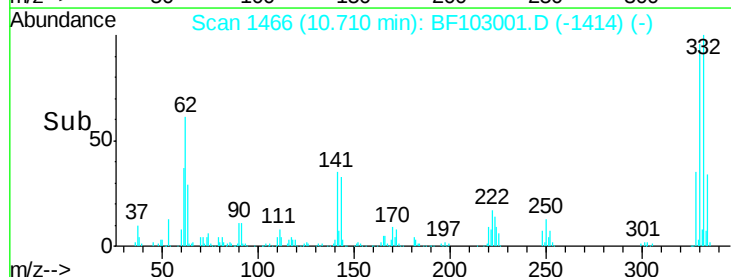
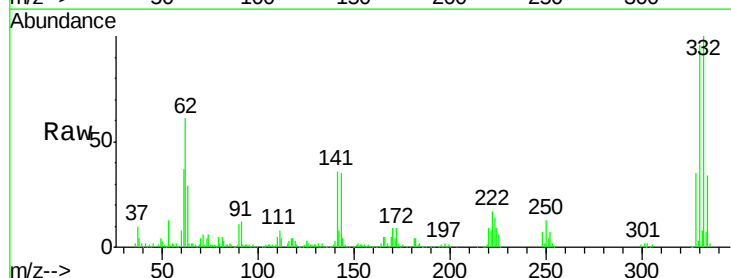
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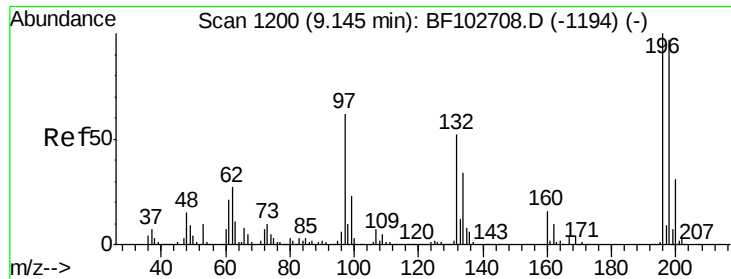
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#41
 2,4,6-Tribromophenol
 Concen: 85.436 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.6	77.0	115.6
141	38.6	29.9	44.9





#42

2,4,6-Trichlorophenol

Concen: 36.993 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

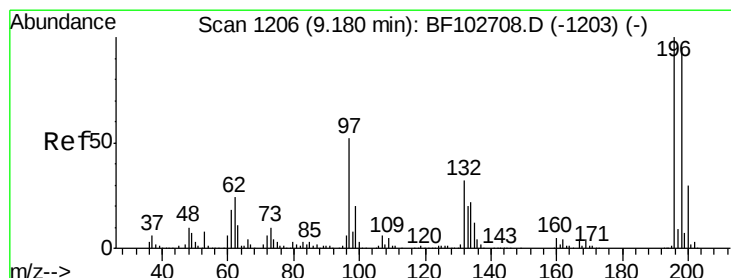
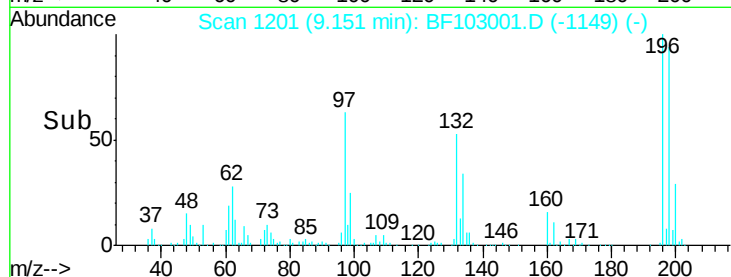
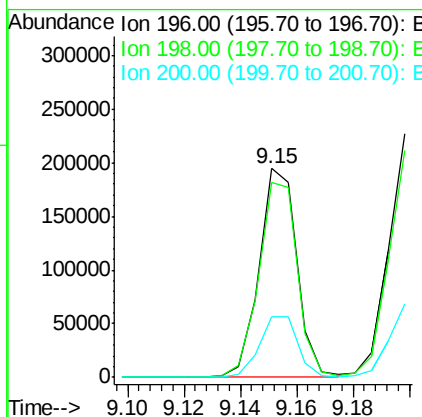
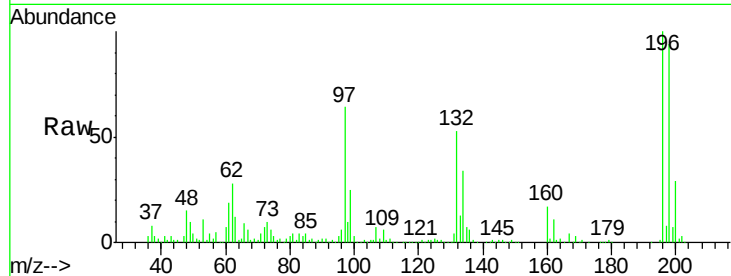
ClientSampleId :

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

Tot Ion:	196	Resp:	180615
Ion Ratio	Lower	Upper	
196	100		
198	93.6	75.7	113.5
200	29.2	24.5	36.7

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#43

2,4,5-Trichlorophenol

Concen: 33.091 ng

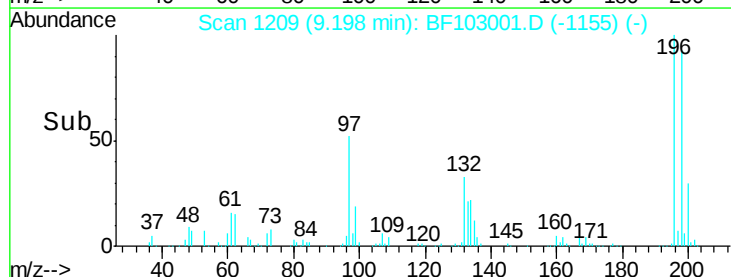
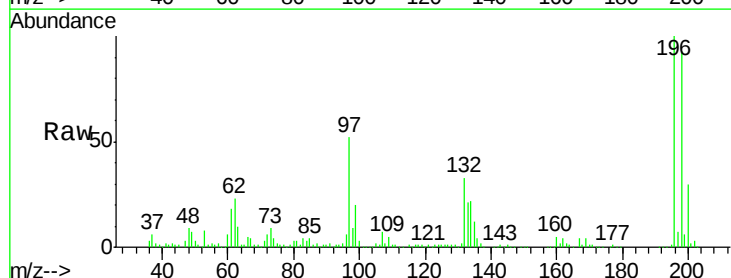
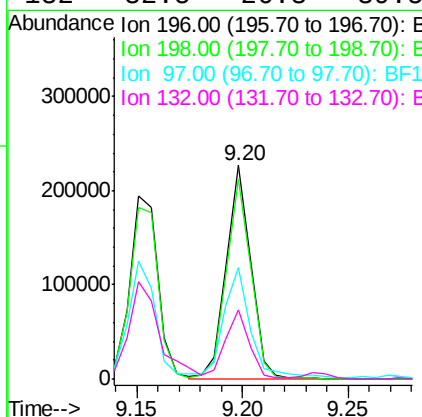
RT: 9.20 min Scan# 1209

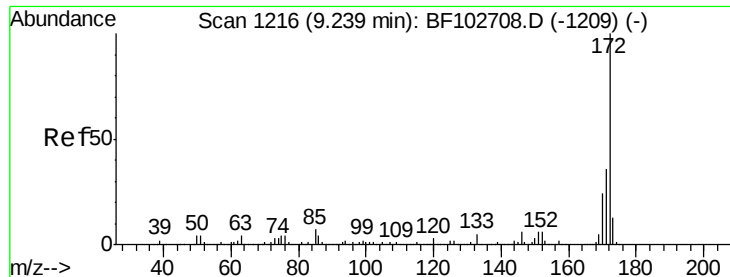
Delta R.T. 0.02 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Tgt Ion:	196	Resp:	182097
Ion Ratio	Lower	Upper	
196	100		
198	93.5	74.6	112.0
97	52.3	42.9	64.3
132	32.5	26.3	39.5





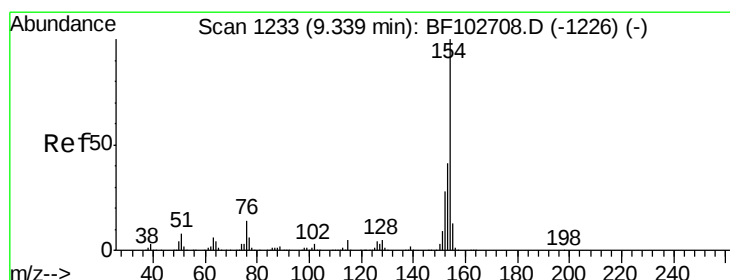
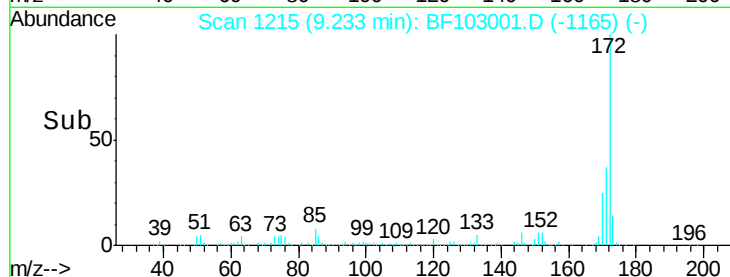
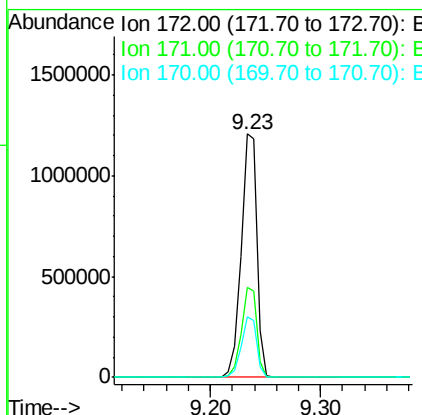
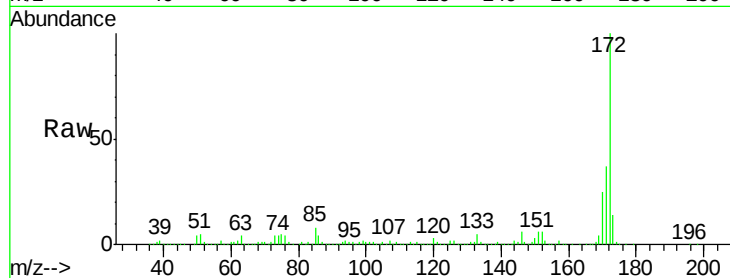
#44
2-Fluorobiphenyl
Concen: 73.296 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

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

Tot Ion:172 Resp: 1205863
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.8 19.6 29.4

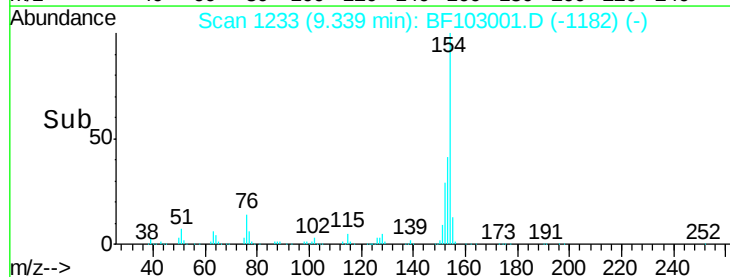
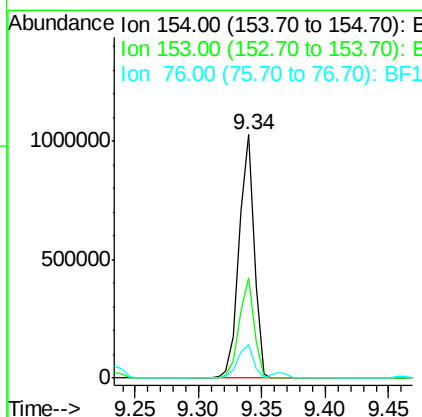
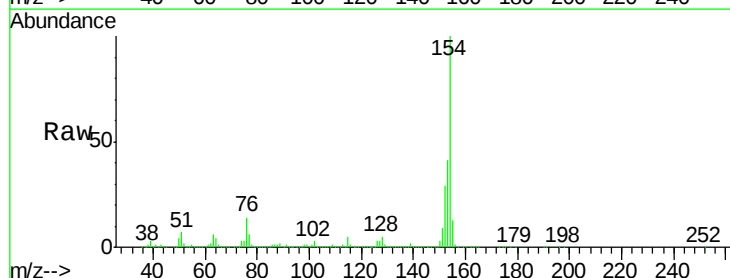
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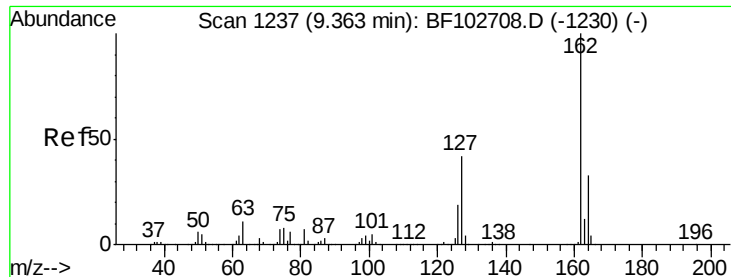
Sohil
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#45
1,1'-Biphenyl
Concen: 36.175 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion:154 Resp: 831794
Ion Ratio Lower Upper
154 100
153 41.4 21.3 61.3
76 13.9 0.0 34.0





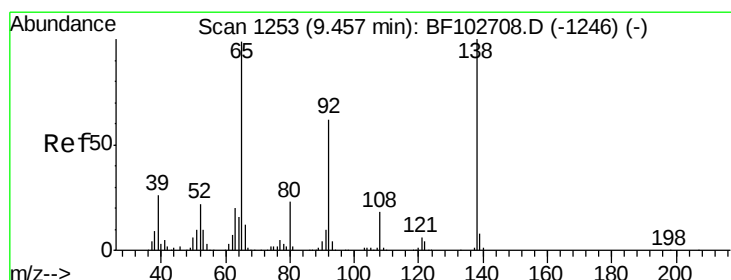
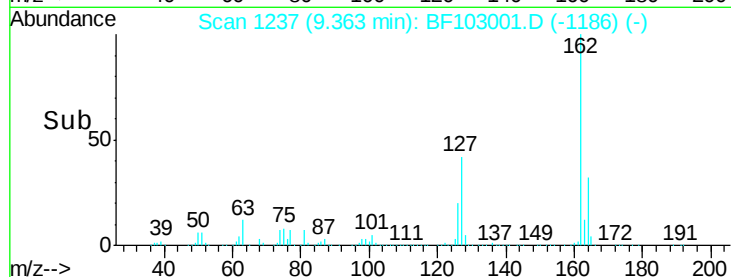
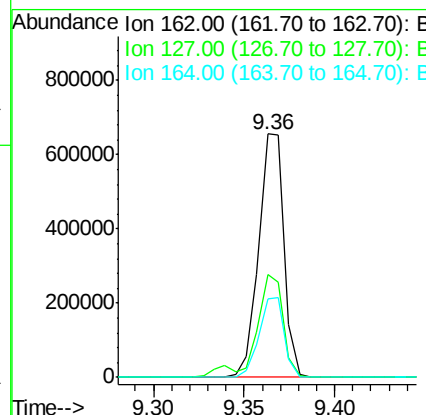
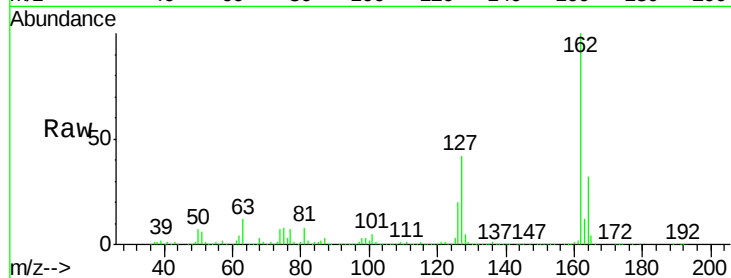
#46
2-Chloronaphthalene
Concen: 35.325 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.2	33.9	50.9	
164	32.3	26.5	39.7	

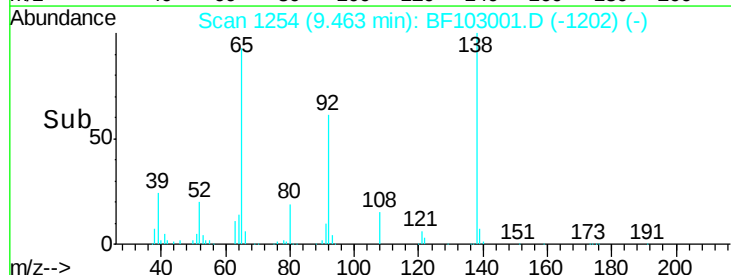
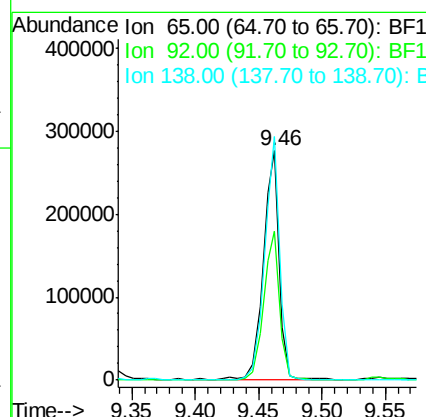
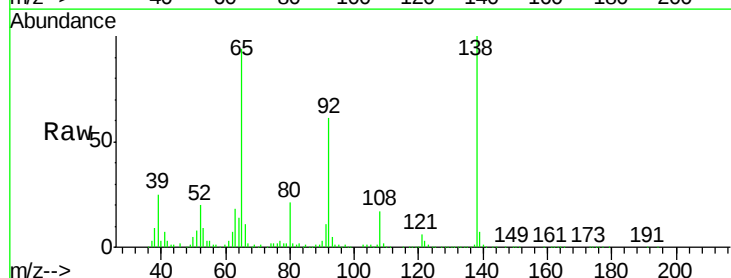
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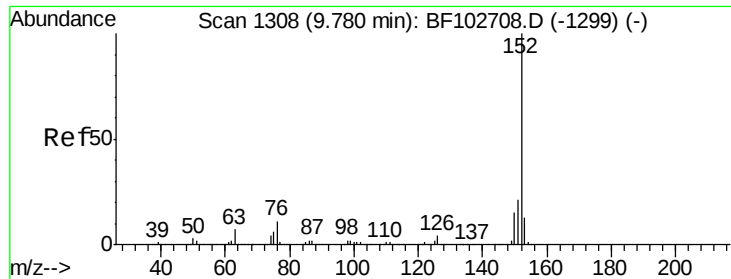
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#47
2-Nitroaniline
Concen: 44.306 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	64.9	55.8	83.6	
138	106.2	91.2	136.8	





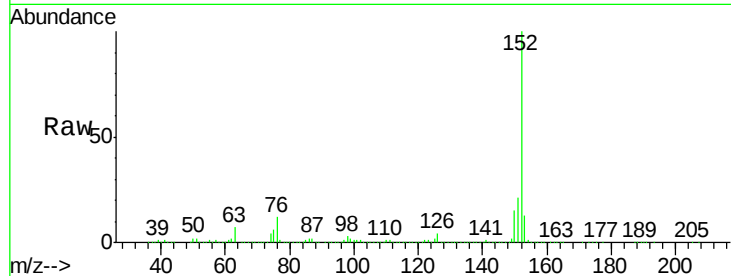
#48
Acenaphthylene
Concen: 32.233 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

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

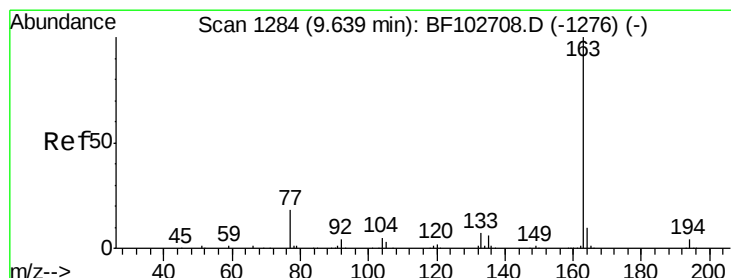
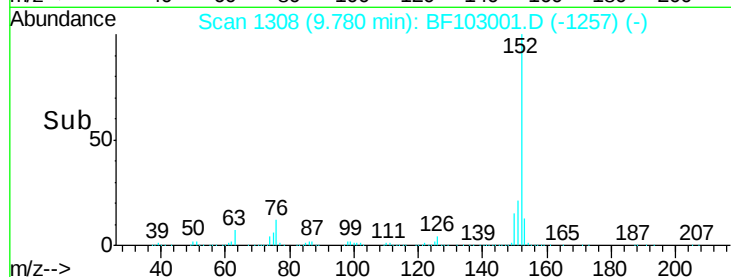
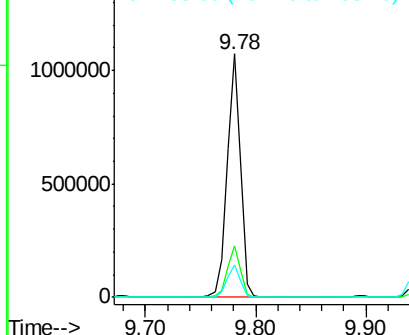
Tot Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.3	10.7	16.1

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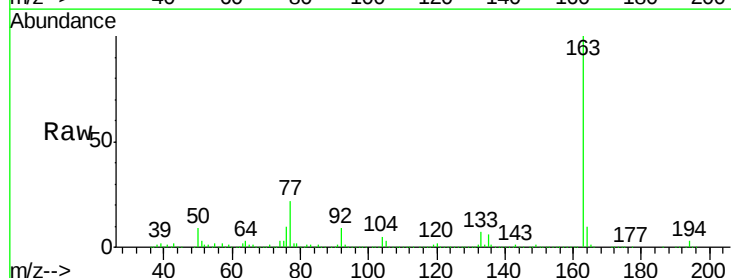


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

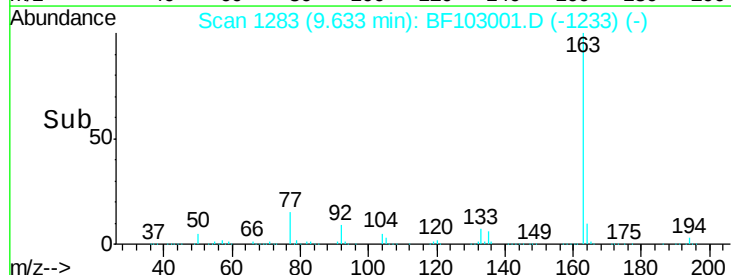
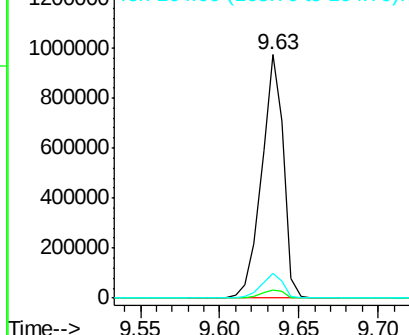


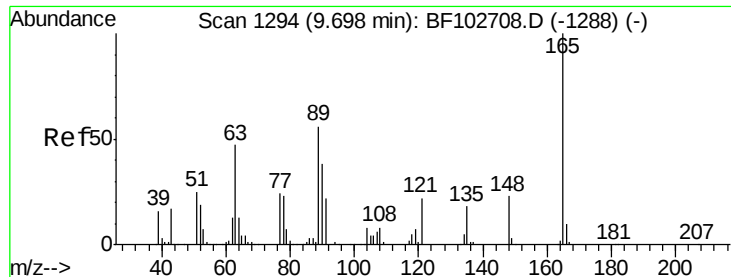
#49
Dimethylphthalate
Concen: 43.766 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.3	8.2	12.2



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





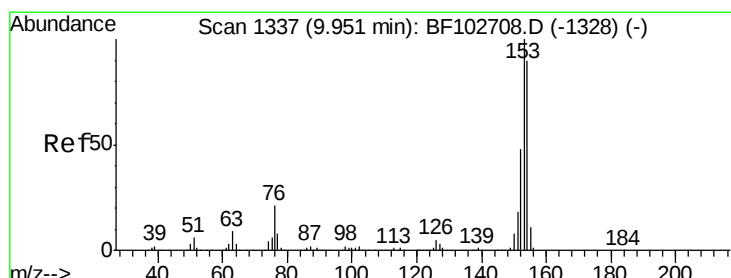
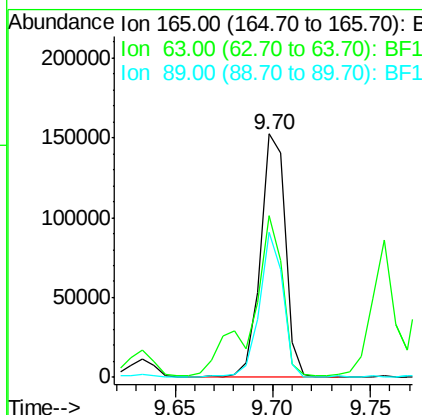
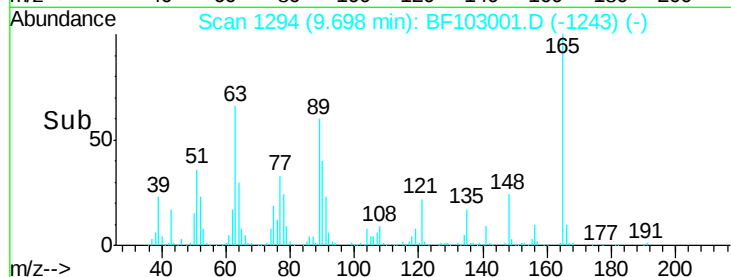
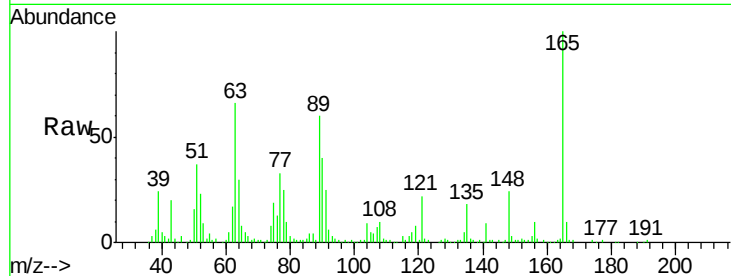
#50
 2,6-Dinitrotoluene
 Concen: 33.107 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

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

Tot Ion:	165	Resp:	134073
Ion Ratio	Lower	Upper	
165	100		
63	66.5	44.7	67.1
89	59.6	44.0	66.0

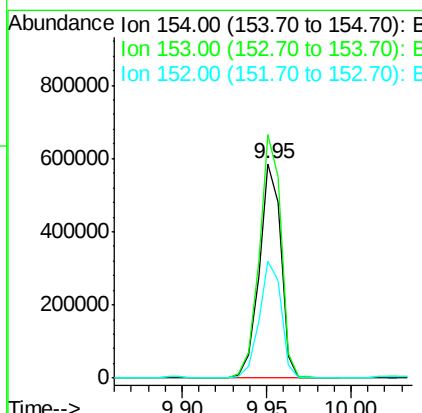
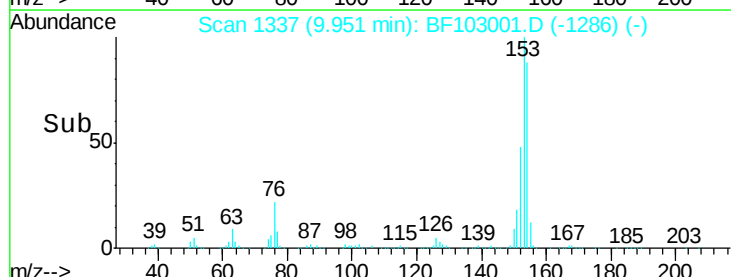
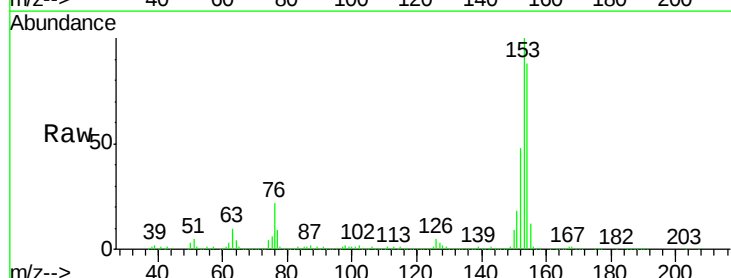
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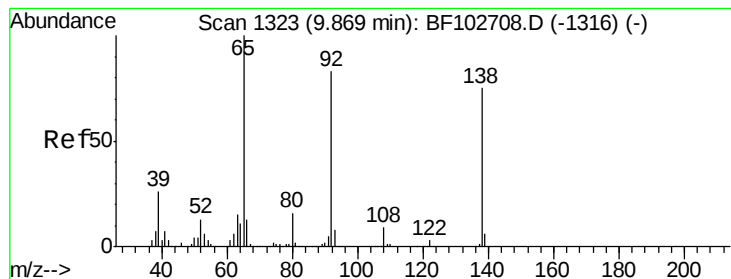
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#51
 Acenaphthene
 Concen: 31.074 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

Tgt Ion:	154	Resp:	522491
Ion Ratio	Lower	Upper	
154	100		
153	113.5	91.2	136.8
152	54.3	43.8	65.8





#52

3-Nitroaniline

Concen: 36.775 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

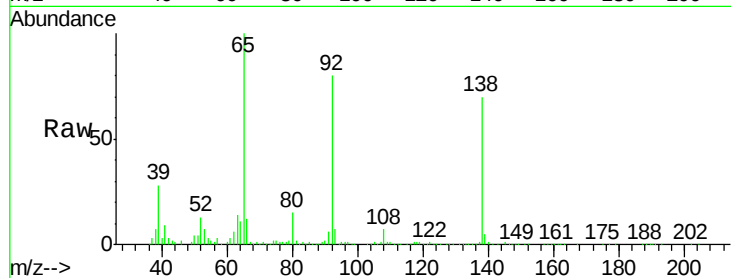
ClientSampleId :

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.4	14.0
92	114.4	89.4	134.2

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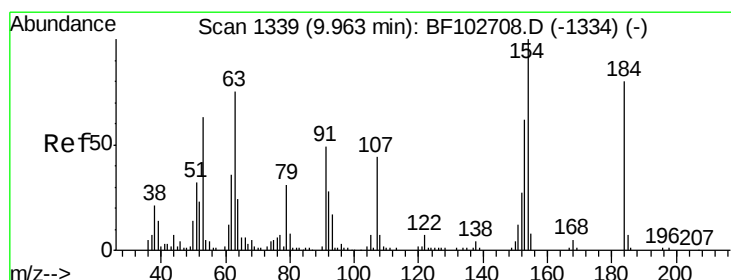
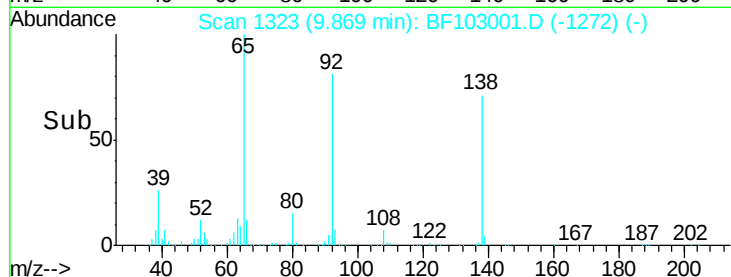
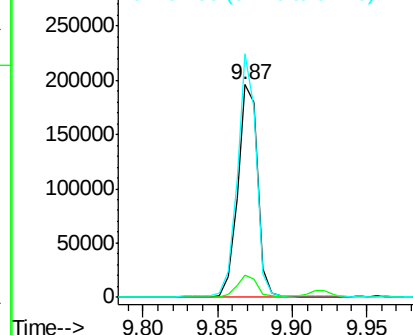


Abundance

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: 8.091 ng

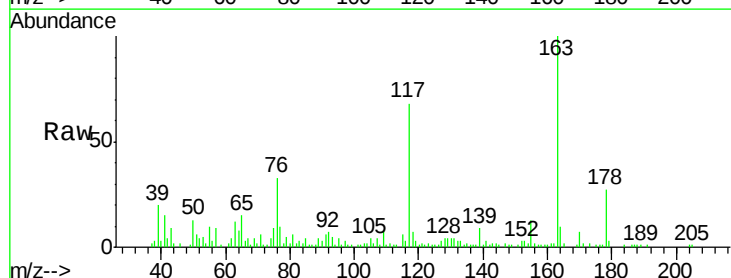
RT: 10.06 min Scan# 1355

Delta R.T. 0.09 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	2000.3	54.2	81.2#
154	245.8	184.0	276.0

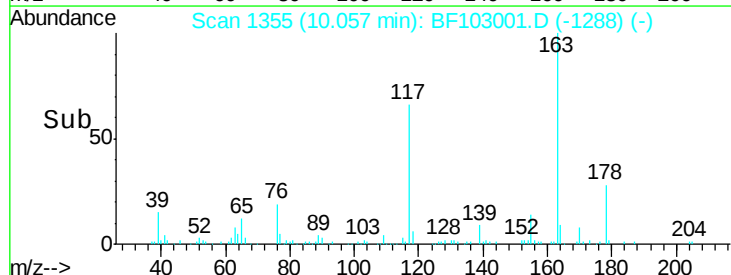
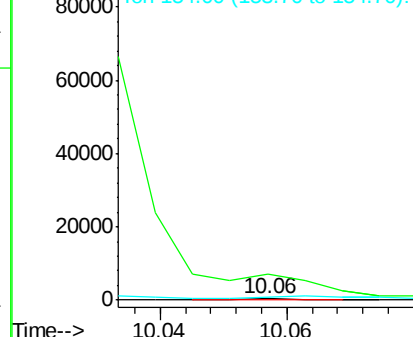


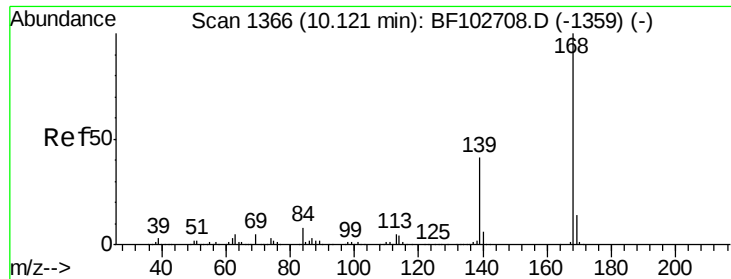
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 32.542 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

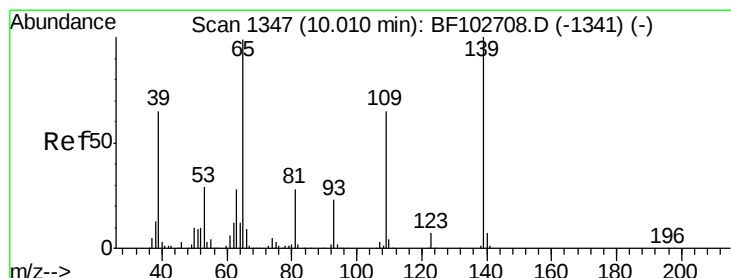
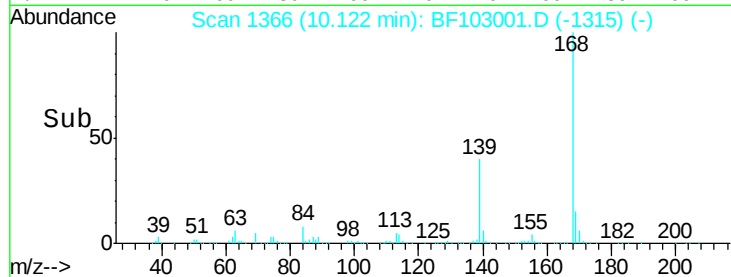
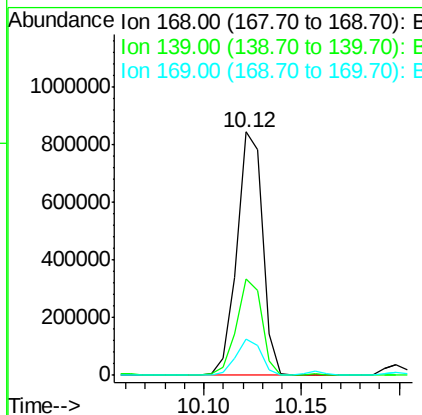
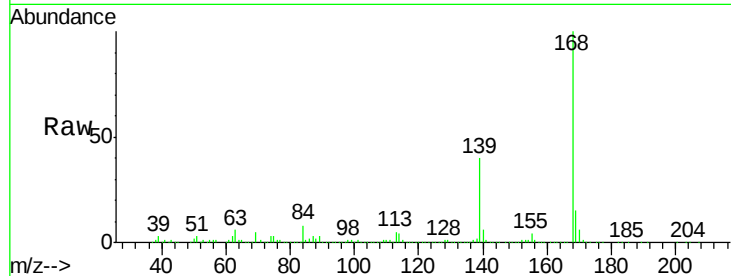
ClientSampleId :

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

Tot Ion:	168	Resp:	771102
Ion Ratio	Lower	Upper	
168	100		
139	39.9	30.1	45.1
169	14.7	10.9	16.3

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#55

4-Nitrophenol

Concen: 51.801 ng

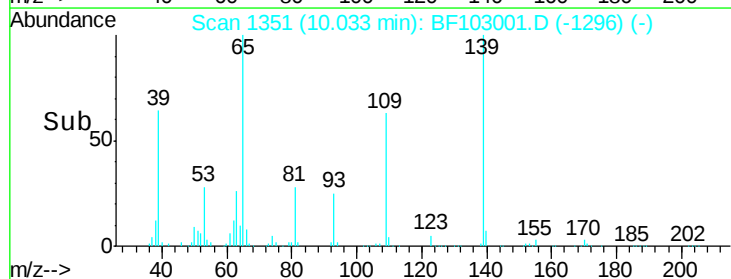
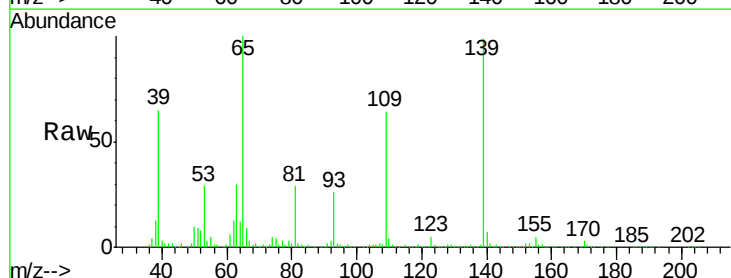
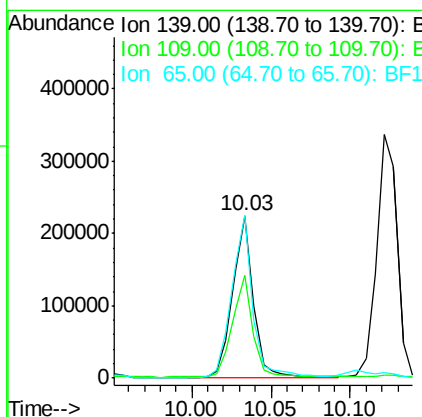
RT: 10.03 min Scan# 1351

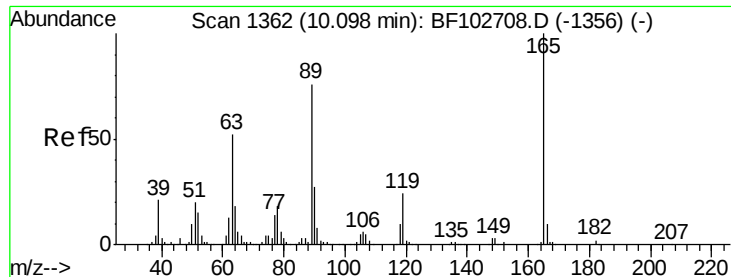
Delta R.T. 0.02 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Tgt Ion:	139	Resp:	206008
Ion Ratio	Lower	Upper	
139	100		
109	63.9	48.4	88.4
65	100.7	72.6	112.6





#56

2,4-Dinitrotoluene

Concen: 28.884 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

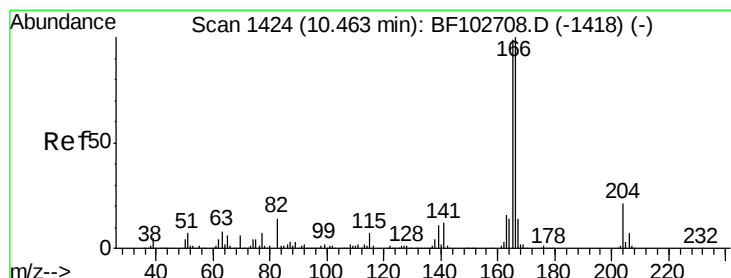
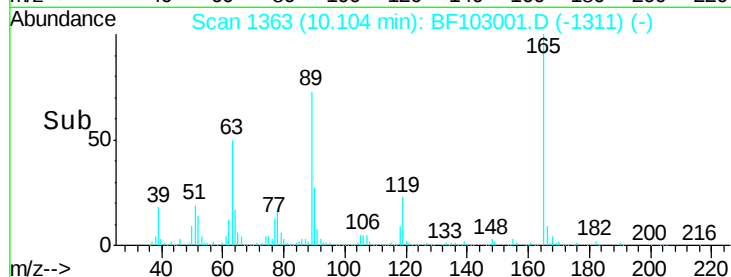
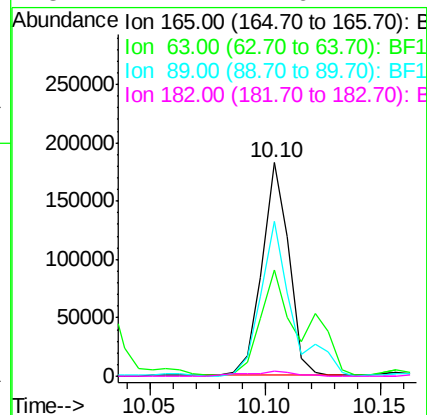
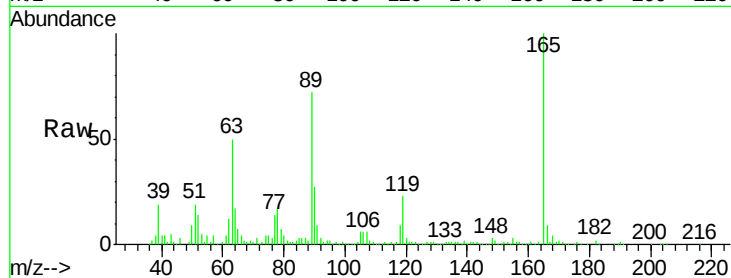
ClientSampleId :

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

Tot Ion	165	Resp	149773
Ion Ratio	Lower	Upper	
165	100		
63	49.8	36.4	54.6
89	72.4	57.8	86.6
182	2.2	1.6	2.4

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#57

Fluorene

Concen: 32.746 ng

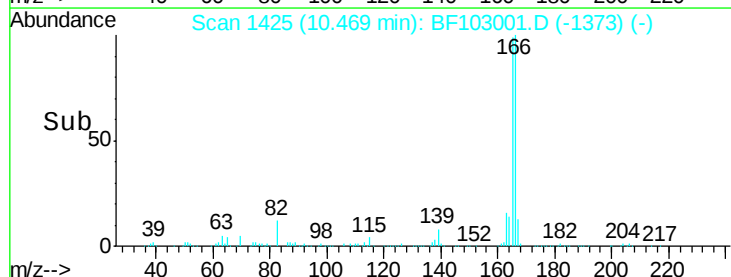
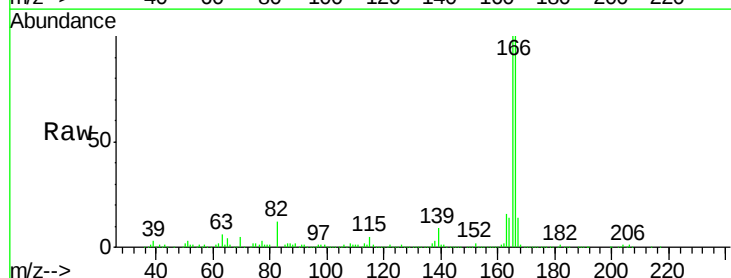
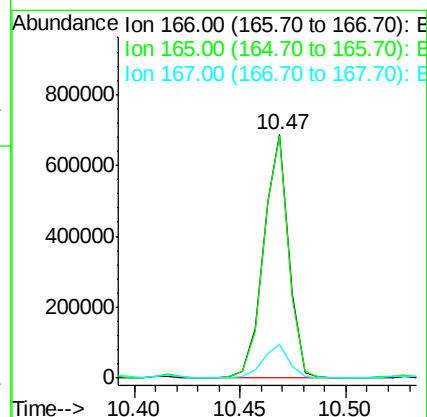
RT: 10.47 min Scan# 1425

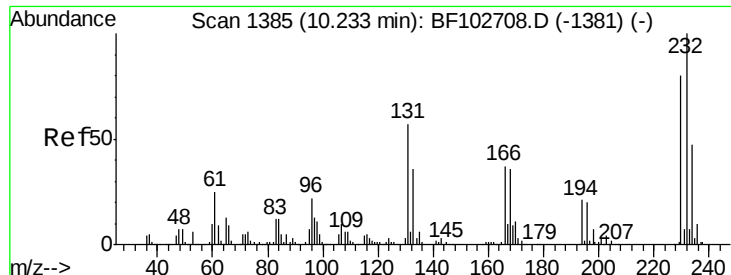
Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Tgt Ion	166	Resp	564552
Ion Ratio	Lower	Upper	
166	100		
165	99.5	79.8	119.8
167	13.6	10.6	16.0





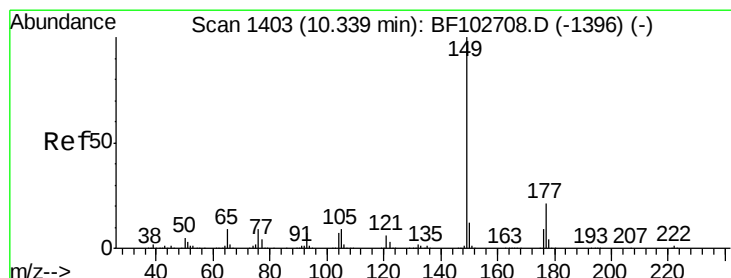
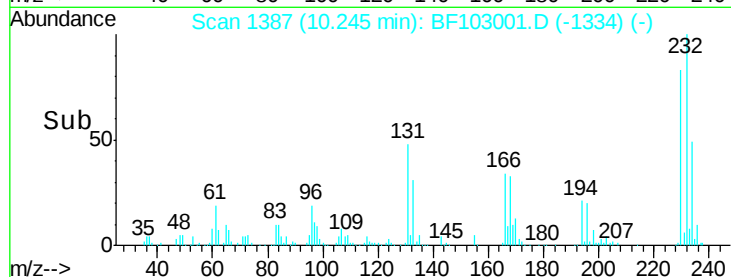
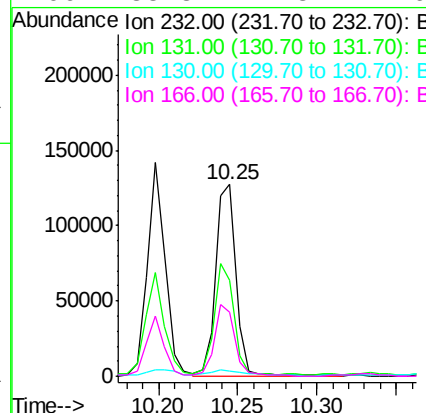
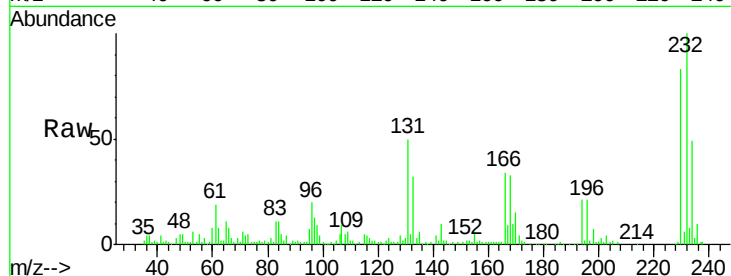
#58
2,3,4,6-Tetrachlorophenol
Concen: 29.797 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	55.5	43.8	65.8		
130	5.1	2.1	3.1		
166	38.3	27.8	41.6		

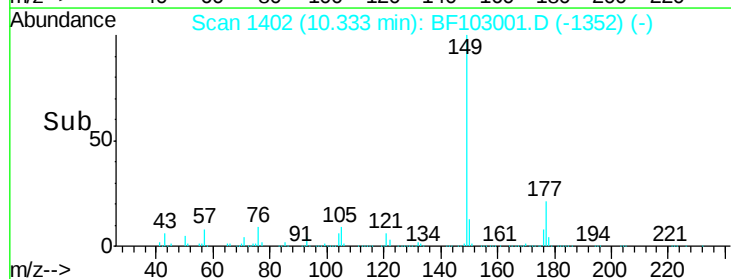
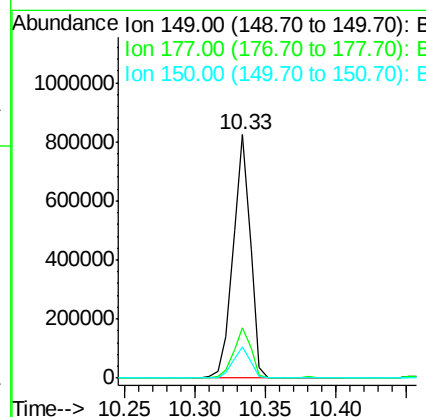
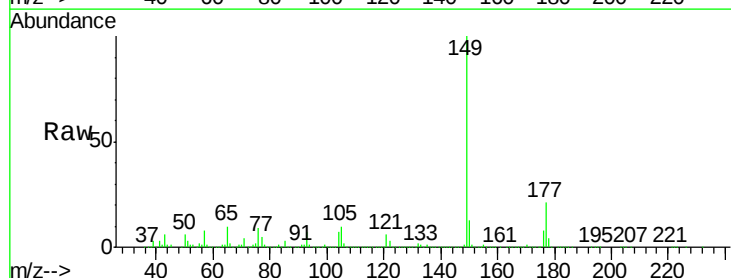
Manual Integrations
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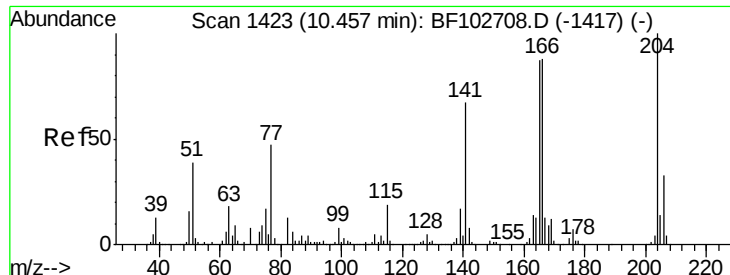
Sohil
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#59
Diethylphthalate
Concen: 32.994 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
177	20.9	16.1	24.1		
150	12.7	10.1	15.1		





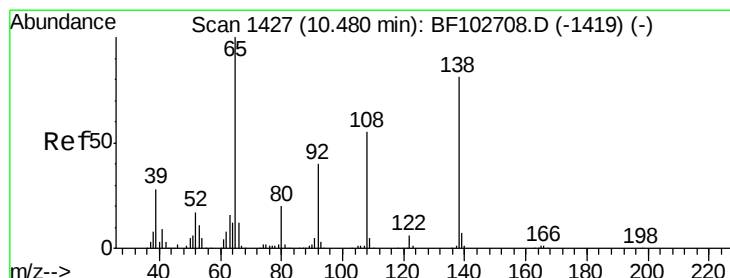
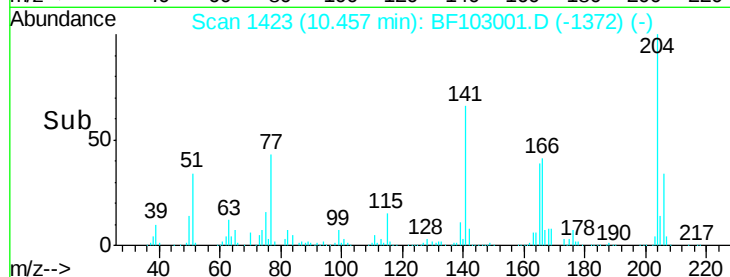
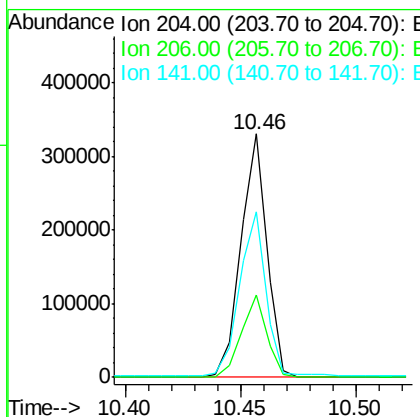
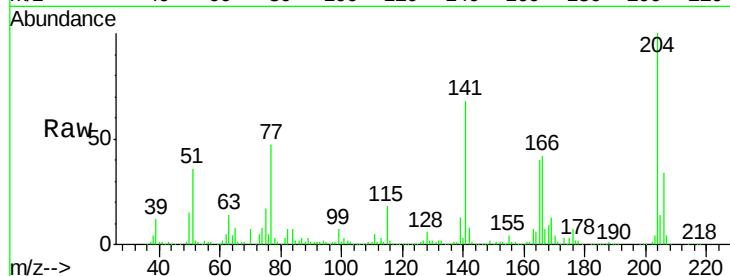
#60
4-Chlorophenyl-phenylether
Concen: 34.121 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.5	39.7
141	67.8	54.6	81.8

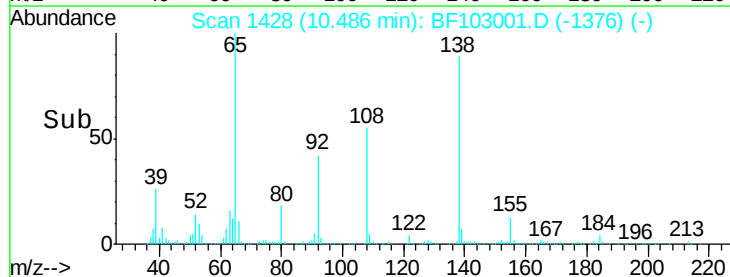
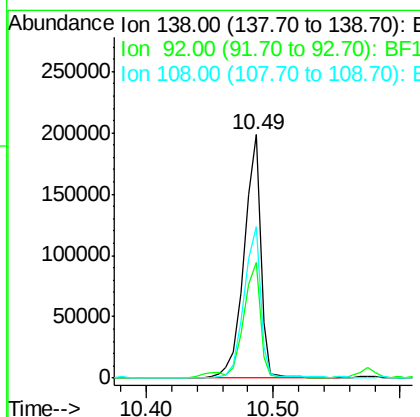
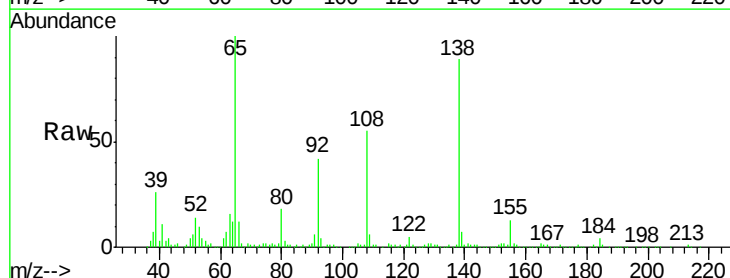
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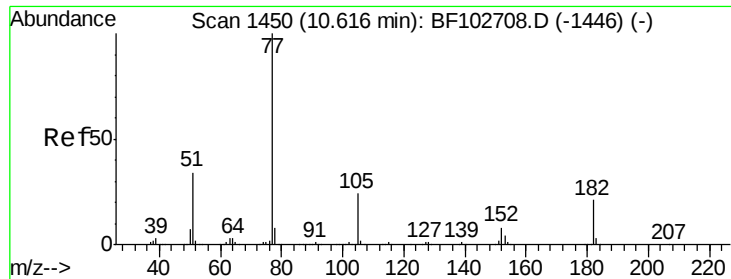
Sohil
2/15/2018 11:06:42 AM



#61
4-Nitroaniline
Concen: 38.086 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	30.2	70.2
108	62.4	52.5	92.5





#62

Azobenzene

Concen: 29.898 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion: 77 Resp: 627771

Ion Ratio Lower Upper

77 100

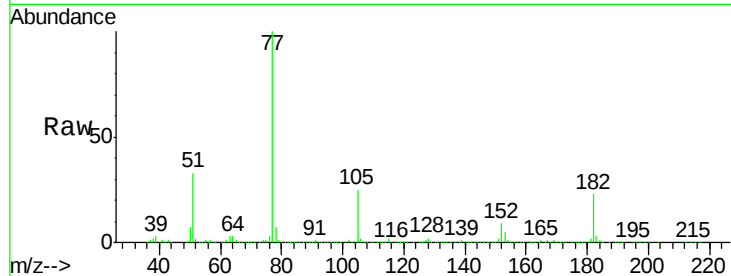
182 23.5 1.7 41.7

105 24.8 3.0 43.0

51 33.0 9.9 49.9

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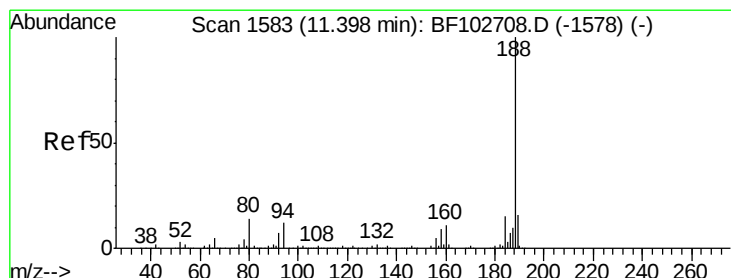
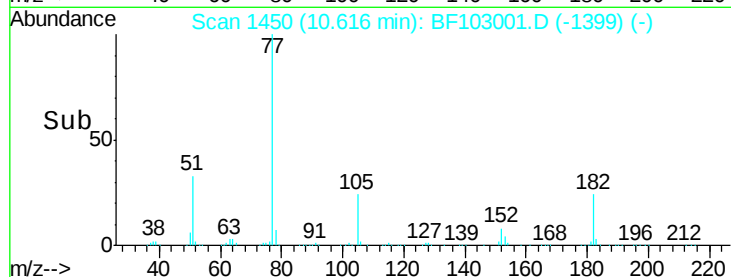
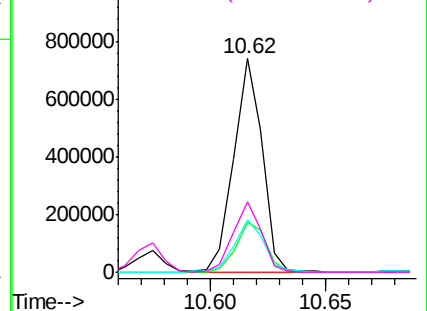


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

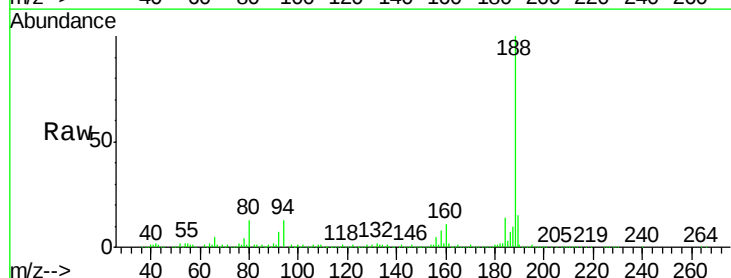
Tgt Ion: 188 Resp: 374330

Ion Ratio Lower Upper

188 100

94 12.6 8.5 12.7

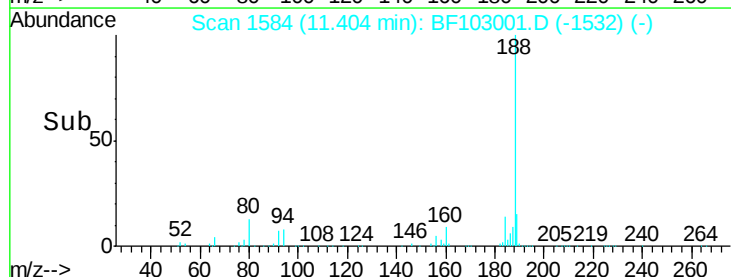
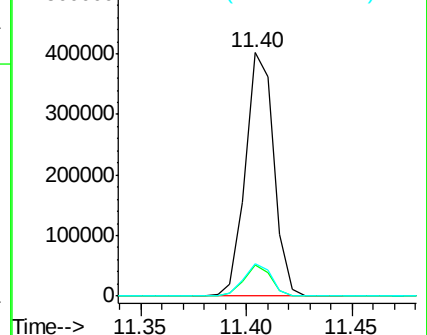
80 13.4 9.2 13.8

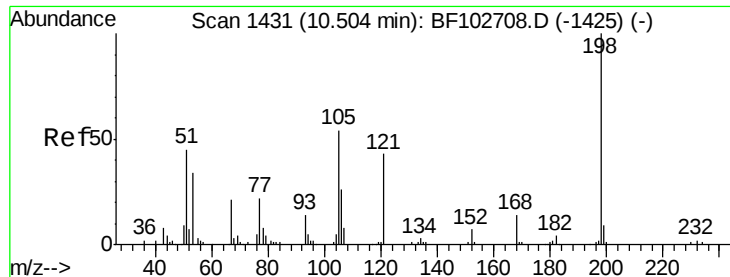


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 9.262 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

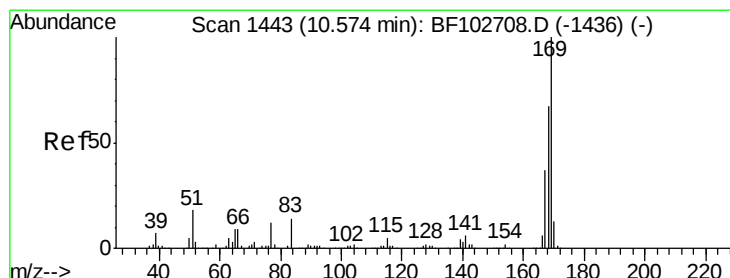
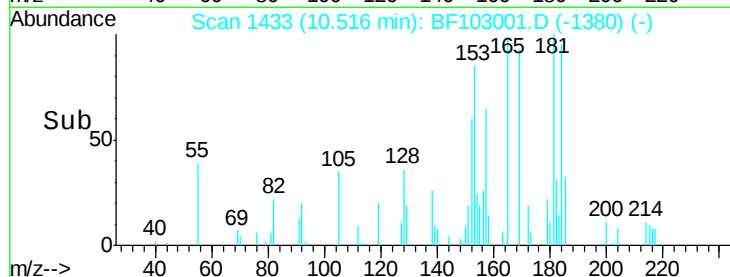
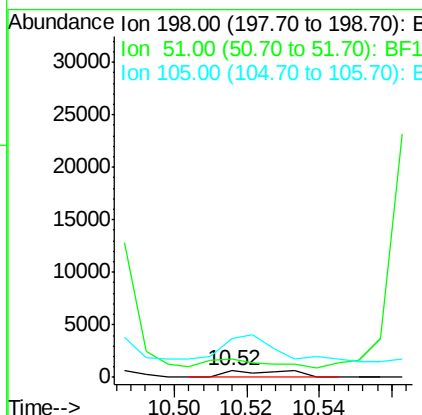
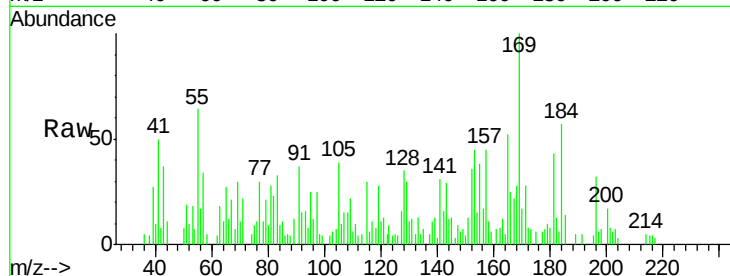
ClientSampleId :

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

Tot Ion:	198	Resp:	791
Ion Ratio	Lower	Upper	
198	100		
51	278.1	37.7	77.7#
105	572.2	36.3	76.3#

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#65

n-Nitrosodiphenylamine

Concen: 39.455 ng

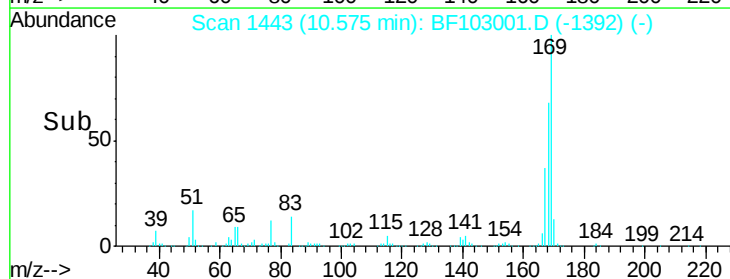
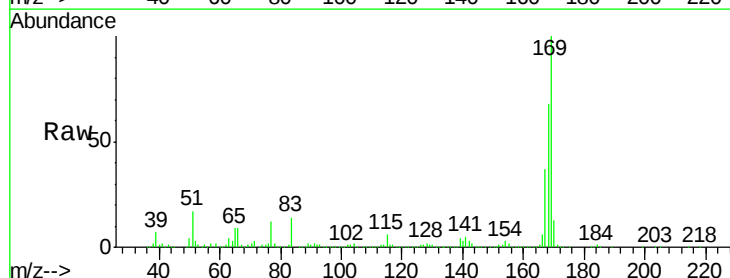
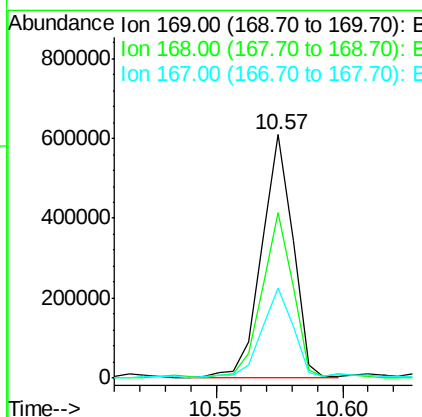
RT: 10.57 min Scan# 1443

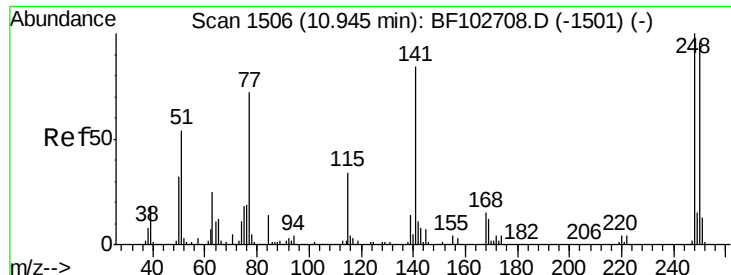
Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Tgt Ion:	169	Resp:	520948
Ion Ratio	Lower	Upper	
169	100		
168	68.2	54.4	81.6
167	36.9	29.8	44.6





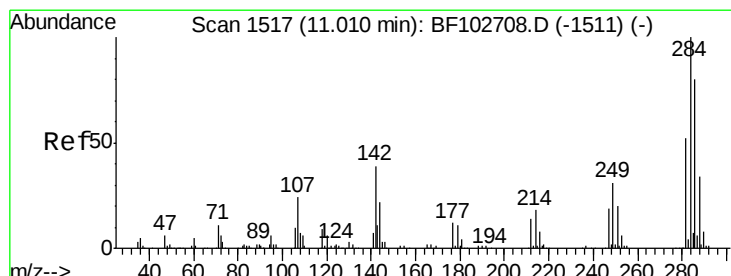
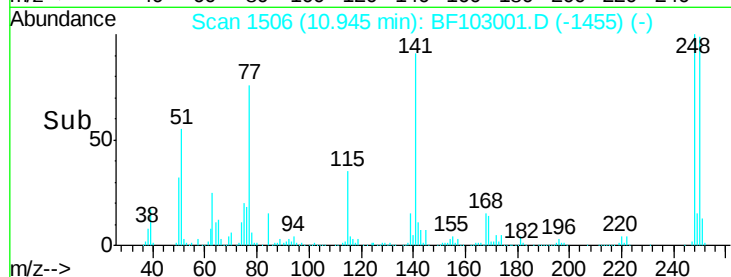
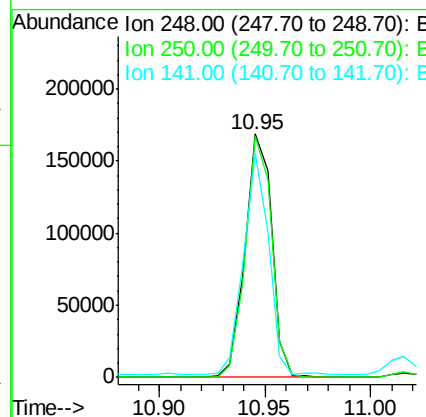
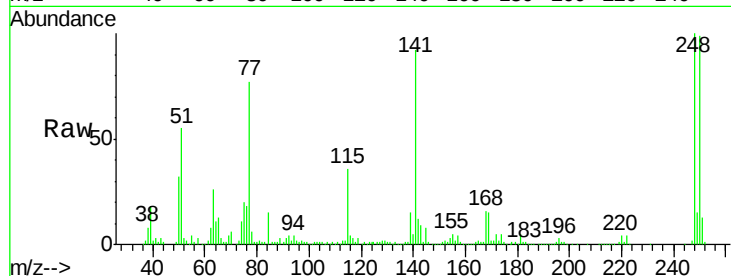
#66
 4-Bromophenyl-phenylether
 Concen: 37.369 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	76.9	115.3
141	92.2	74.4	111.6

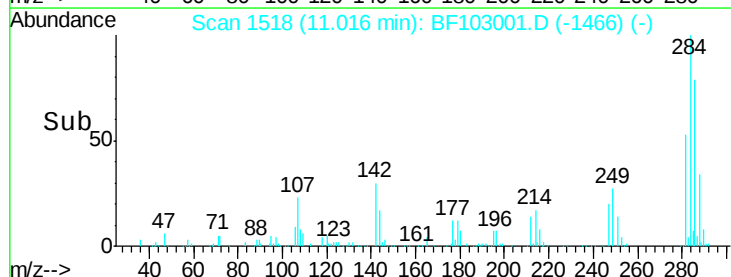
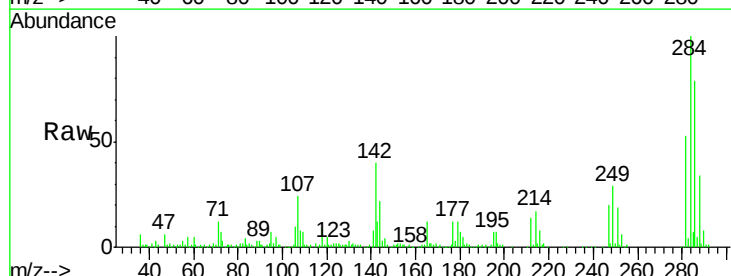
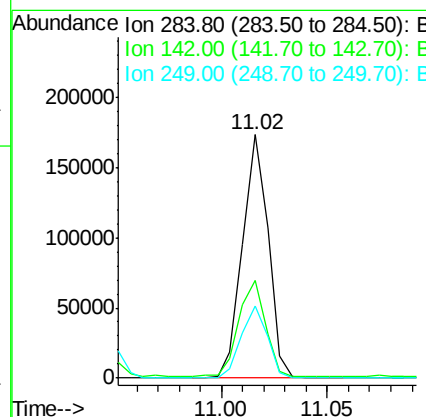
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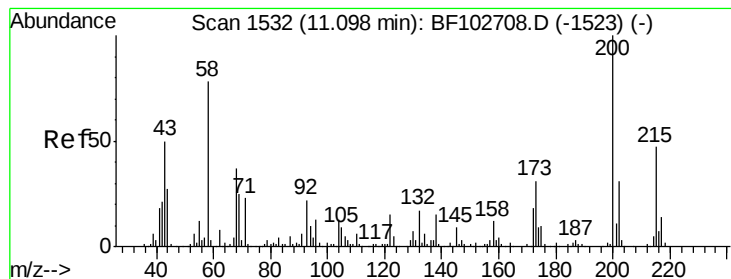
Sohil
 2/15/2018 11:06:42 AM



#67
 Hexachlorobenzene
 Concen: 33.351 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. 0.01 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.1	34.6	52.0
249	29.4	24.8	37.2





#68

Atrazine

Concen: 35.619 ng

RT: 11.10 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

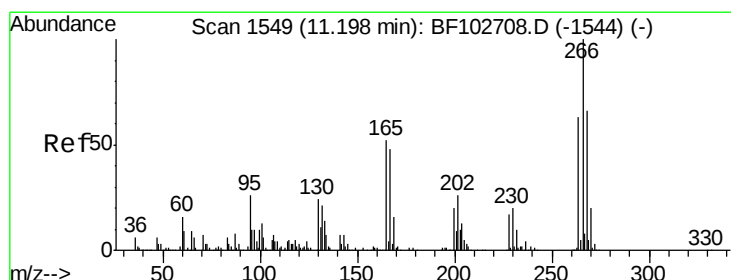
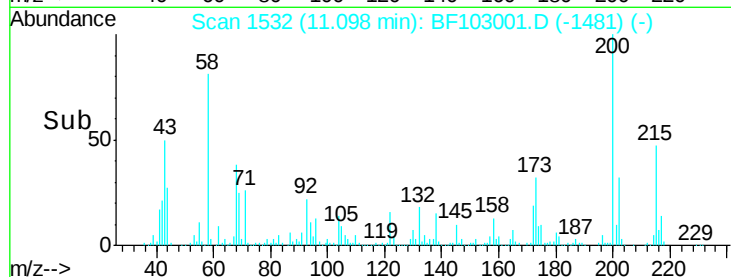
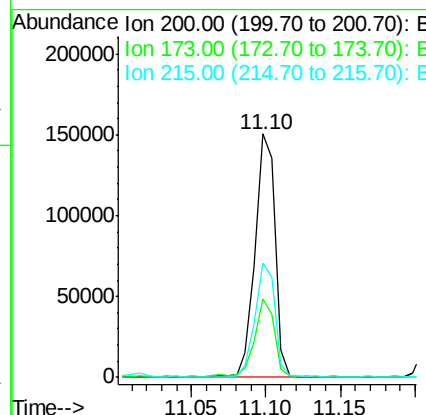
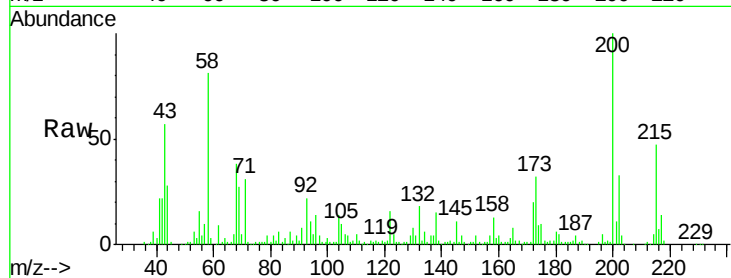
ClientSampleId :

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

Tot Ion:	200	Resp:	138745
Ion Ratio	Lower	Upper	
200	100		
173	32.0	8.6	48.6
215	46.9	25.1	65.1

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#69

Pentachlorophenol

Concen: 48.512 ng

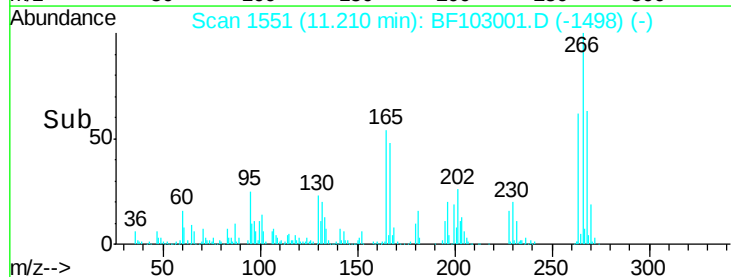
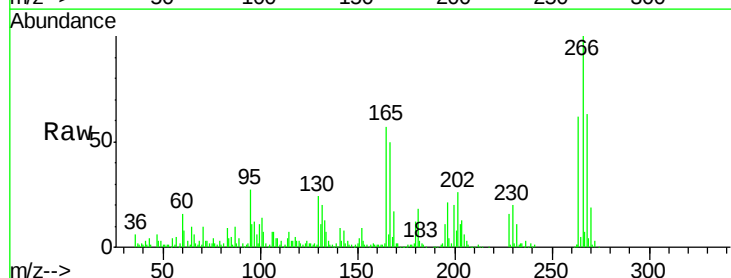
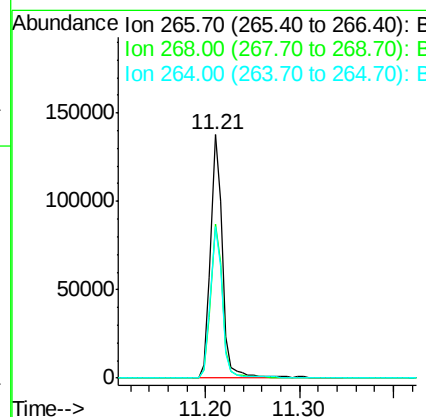
RT: 11.21 min Scan# 1551

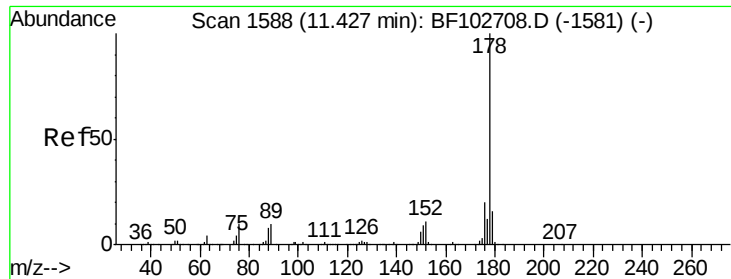
Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Tgt Ion:	266	Resp:	124398
Ion Ratio	Lower	Upper	
266	100		
268	63.3	51.1	76.7
264	62.0	49.5	74.3





#70

Phenanthrene

Concen: 39.001 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

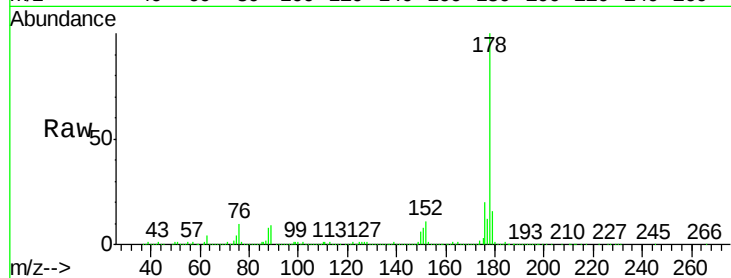
ClientSampleId :

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

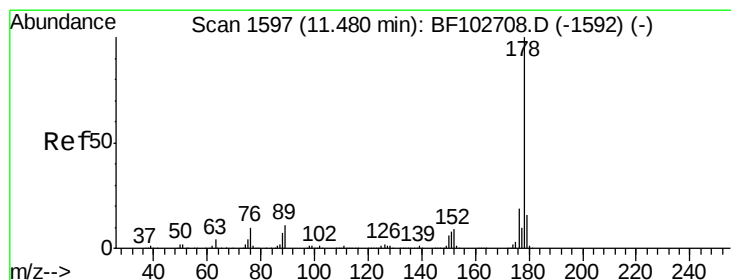
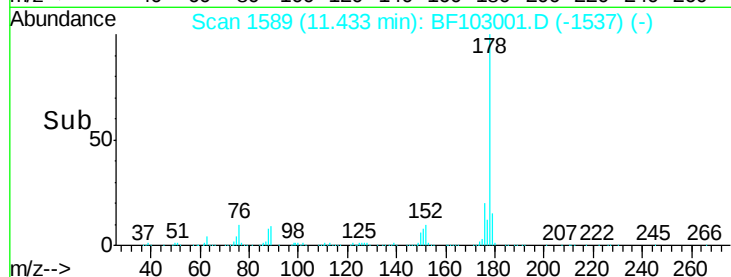
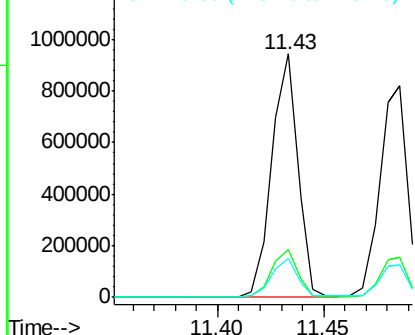
Tot Ion:	178	Resp:	813087
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.8	23.8
179	15.7	13.0	19.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 35.212 ng

RT: 11.49 min Scan# 1598

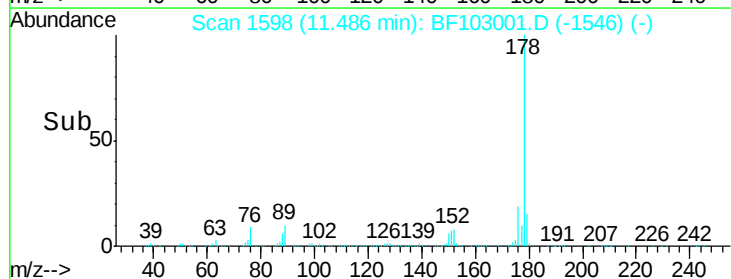
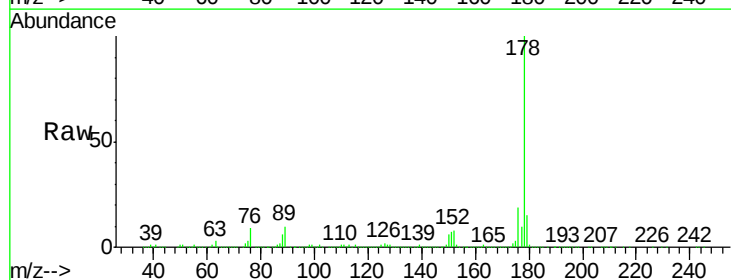
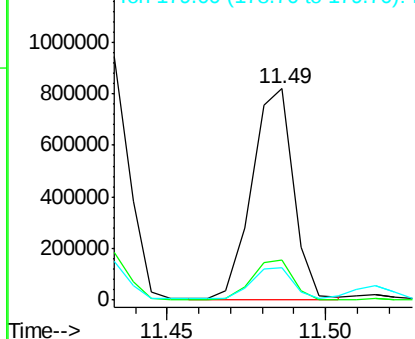
Delta R.T. 0.01 min

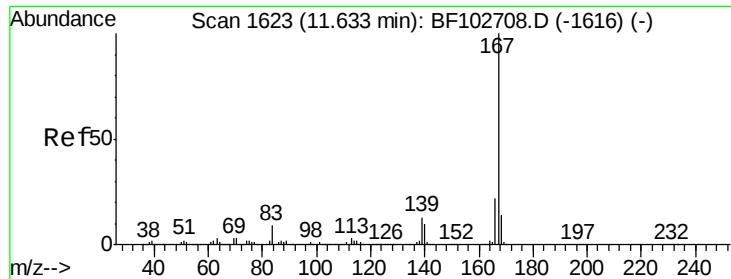
Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Tgt Ion:	178	Resp:	746642
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.4	23.2
179	15.3	12.6	19.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





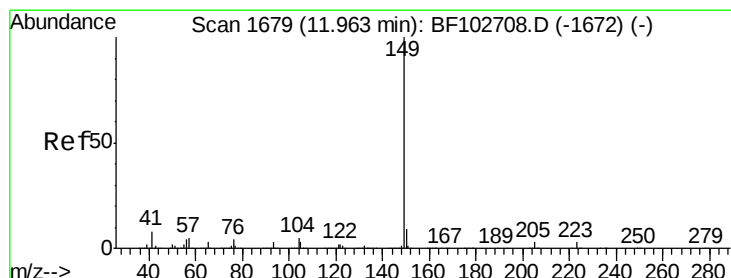
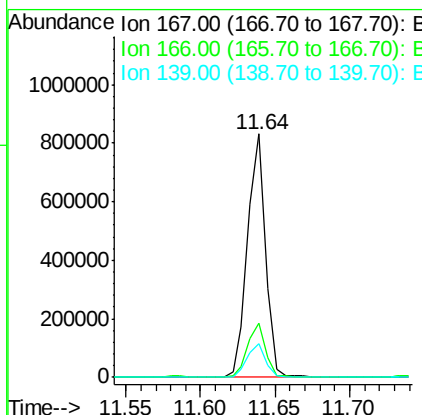
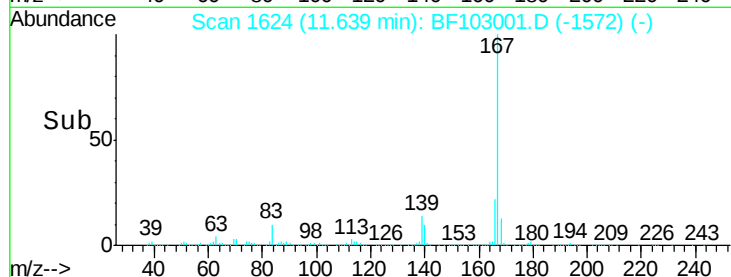
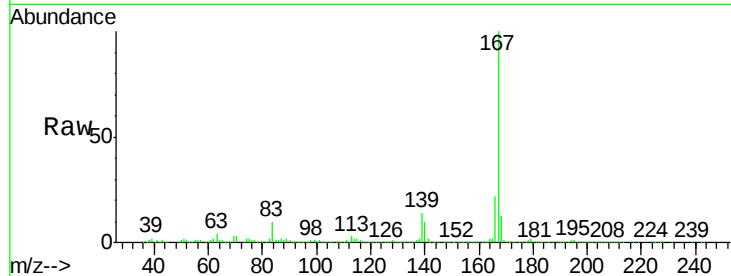
#72
 Carbazole
 Concen: 33.334 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.7	10.9	16.3

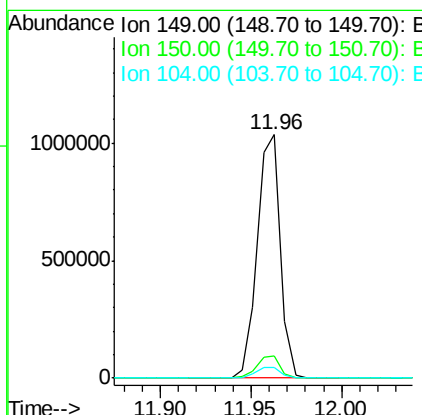
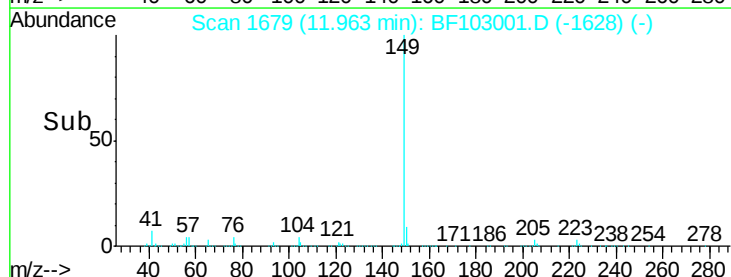
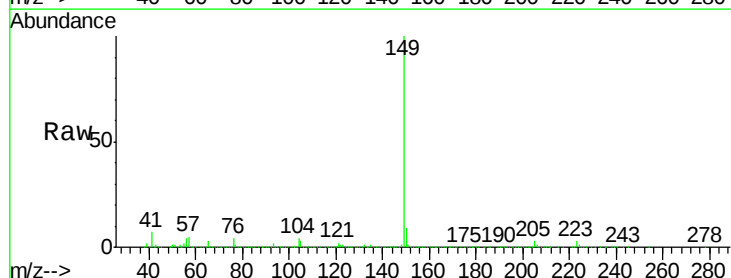
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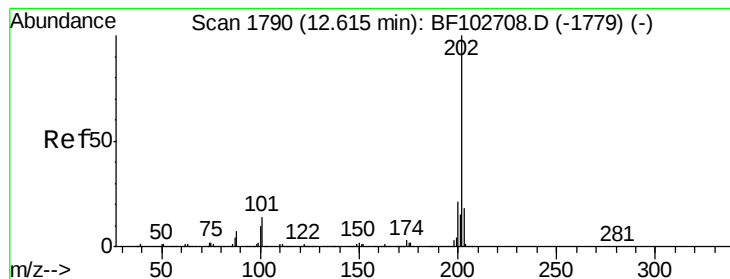
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#73
 Di-n-butylphthalate
 Concen: 36.150 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BF103001.D
 Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	4.4	3.8	5.8





#74

Fluoranthene

Concen: 39.527 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

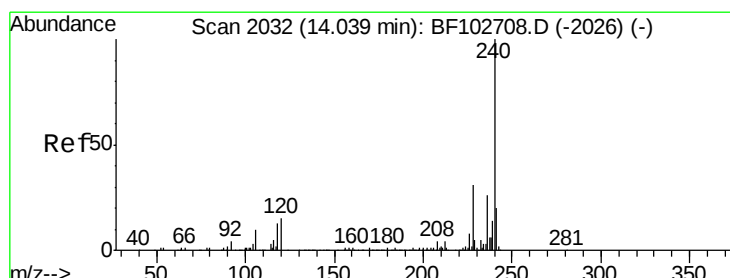
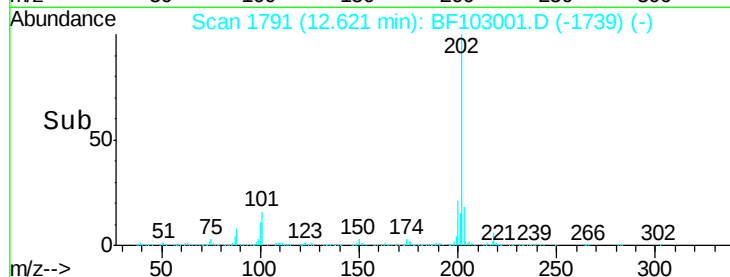
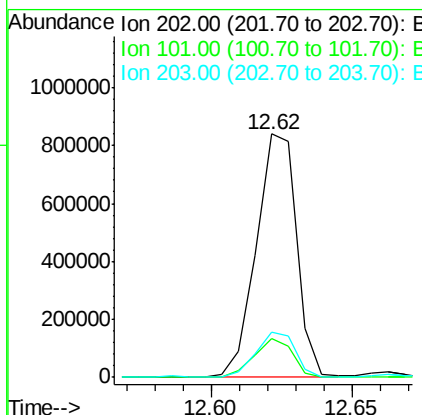
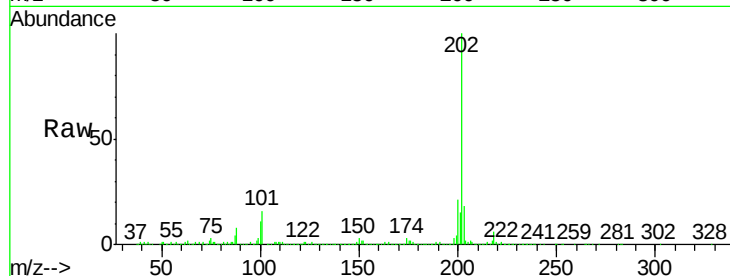
ClientSampleId :

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.0	0.0	34.1
203	18.4	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

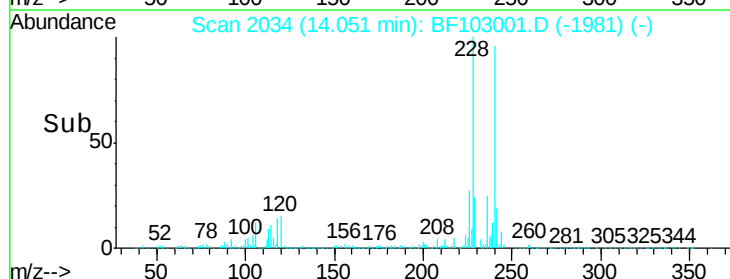
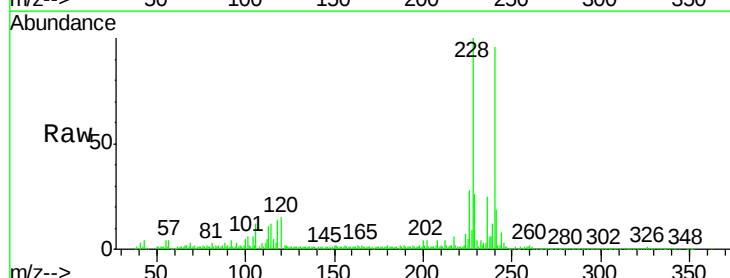
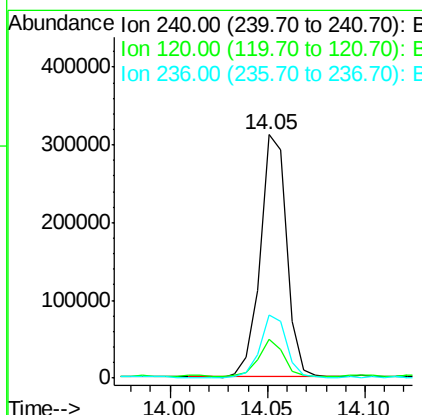
RT: 14.05 min Scan# 2034

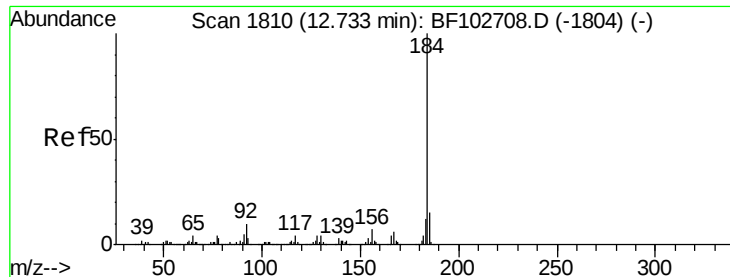
Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.1	9.5	14.3#
236	26.1	20.7	31.1





#76

Benzidine

Concen: 3.061 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion:184 Resp: 41178

Ion Ratio Lower Upper

184 100

185 17.4 12.6 18.8

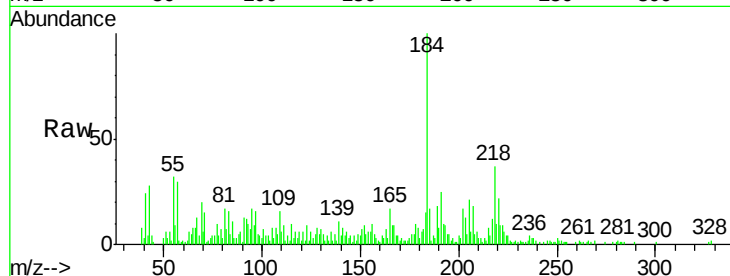
183 15.5 9.3 13.9#

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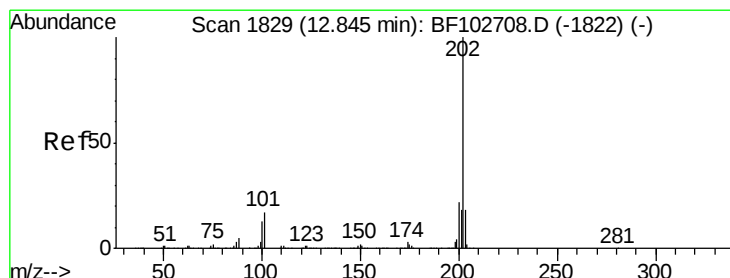
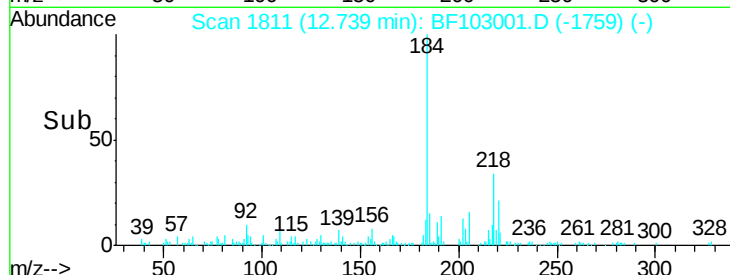
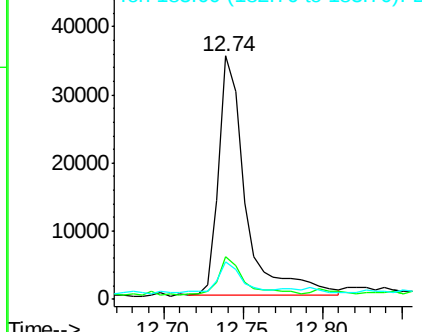
2/15/2018 11:06:42 AM



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

Pyrene

Concen: 37.047 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

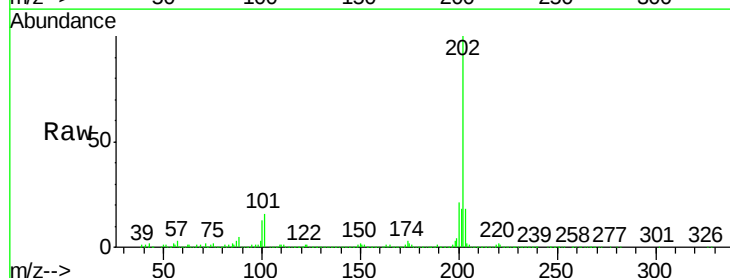
Tgt Ion:202 Resp: 850195

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

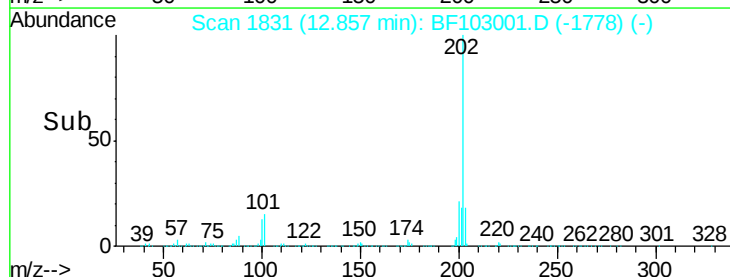
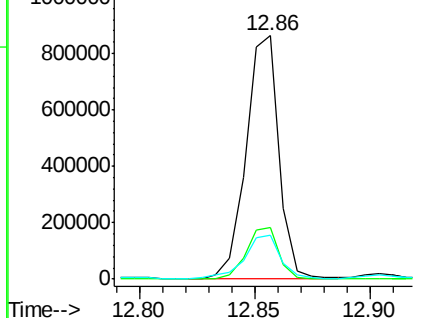
203 18.1 14.3 21.5

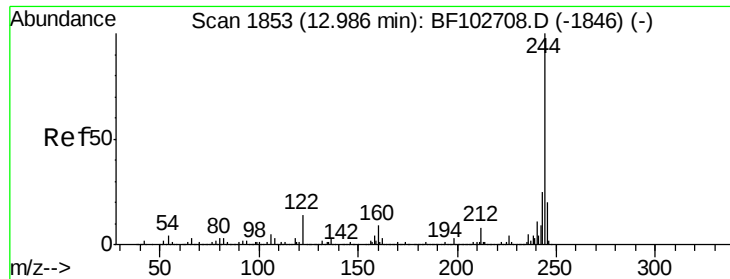


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 66.231 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

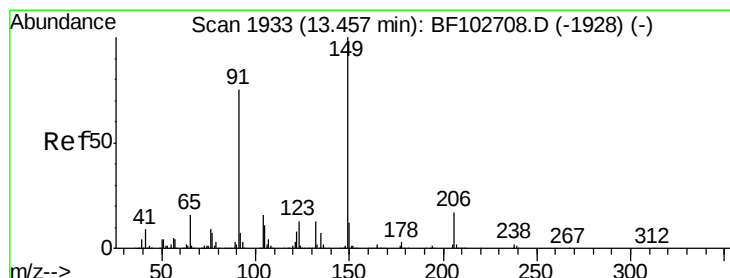
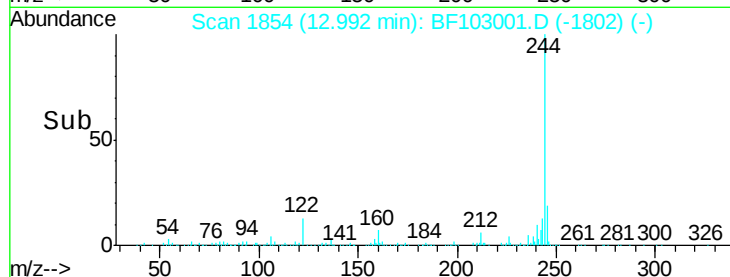
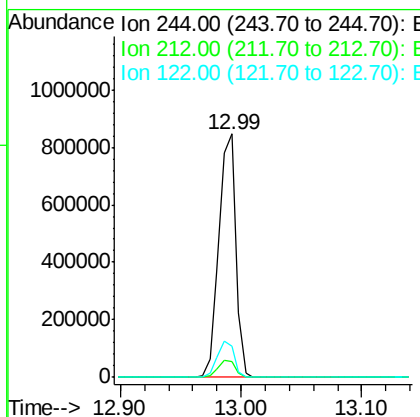
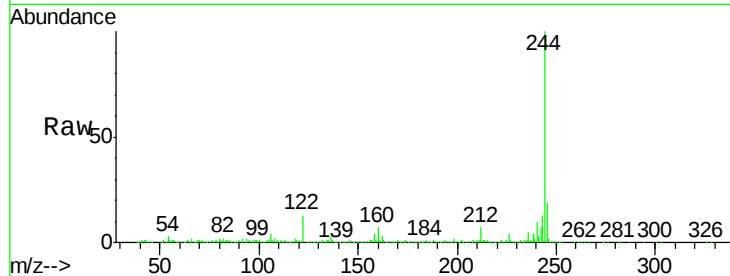
ClientSampleId :

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

Tot Ion:	244	Resp:	818613
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	12.7	11.0	16.4

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#79

Butylbenzylphthalate

Concen: 35.473 ng

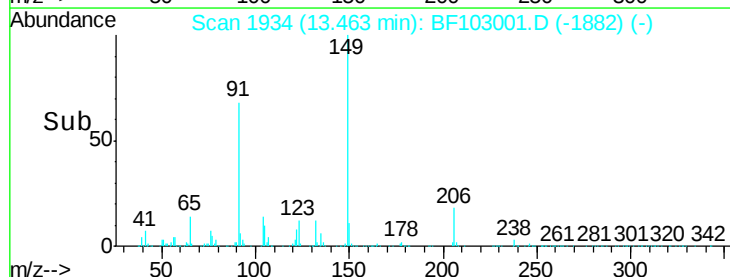
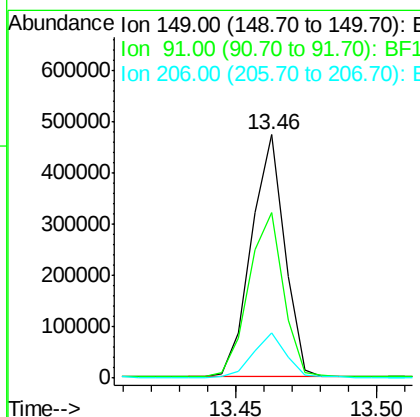
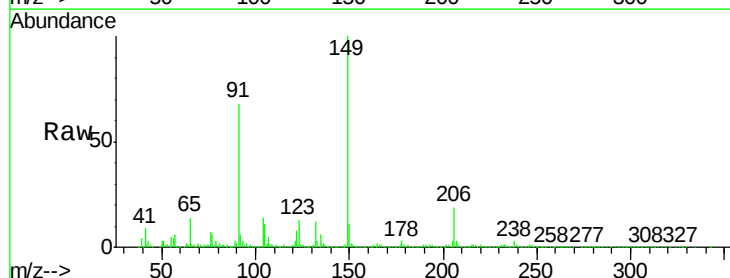
RT: 13.46 min Scan# 1934

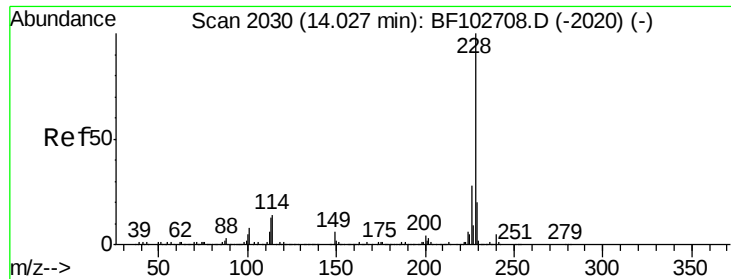
Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Tgt Ion:	149	Resp:	386401
Ion Ratio	Lower	Upper	
149	100		
91	68.1	56.8	85.2
206	18.6	14.1	21.1





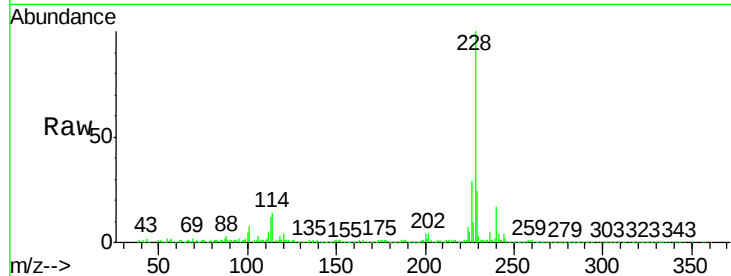
#80
Benzo(a)anthracene
Concen: 39.364 ng m
RT: 14.04 min Scan# 2033
Delta R.T. 0.02 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	24.0	15.8	23.6

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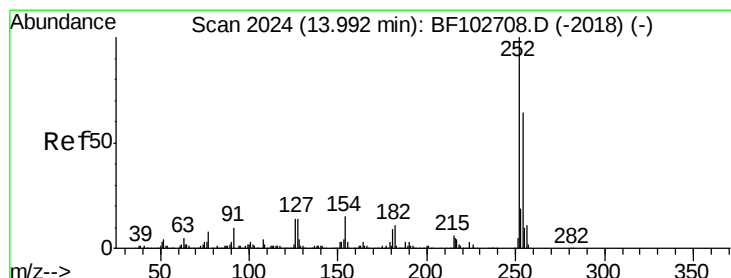
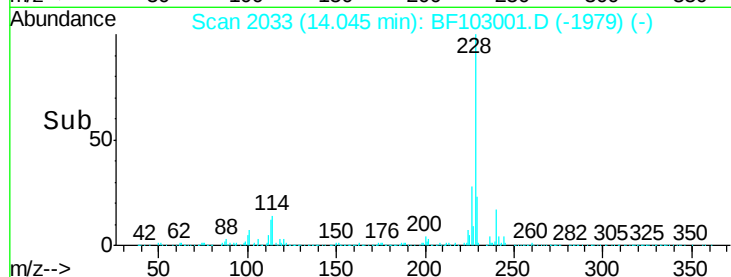
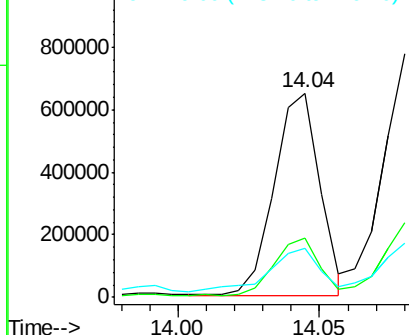


Abundance

Ion 228.00 (227.70 to 228.70): E

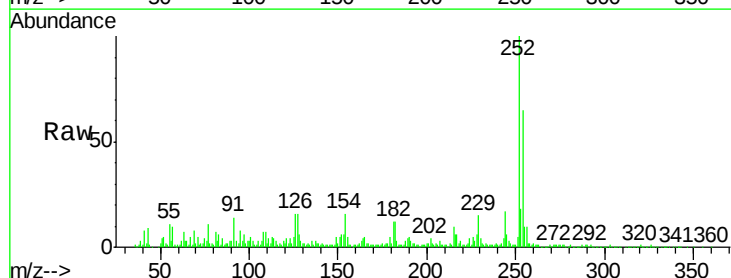
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81
3,3'-Dichlorobenzidine
Concen: 21.575 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.4	75.6
126	15.8	11.3	16.9

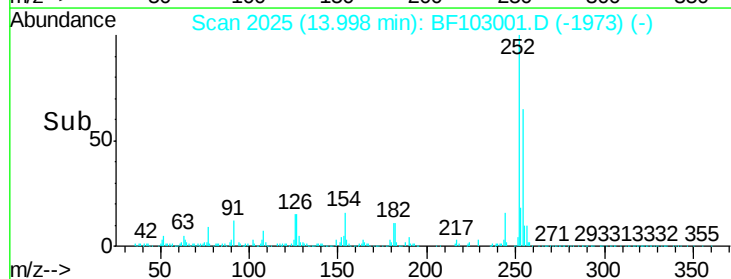
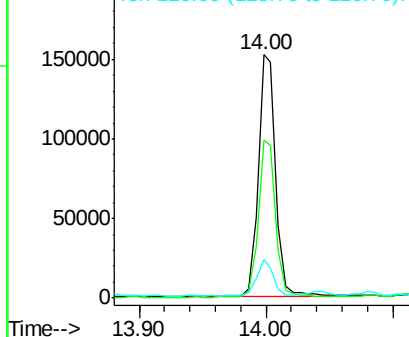


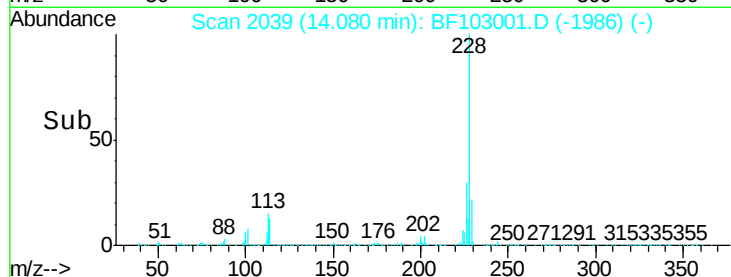
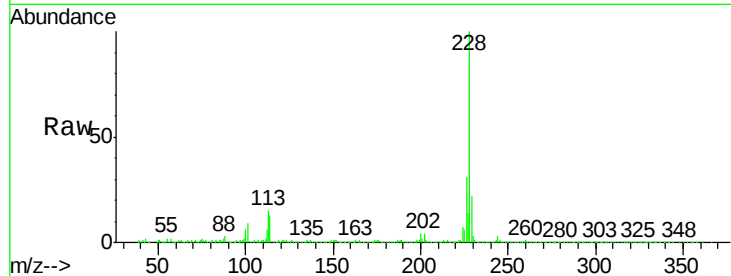
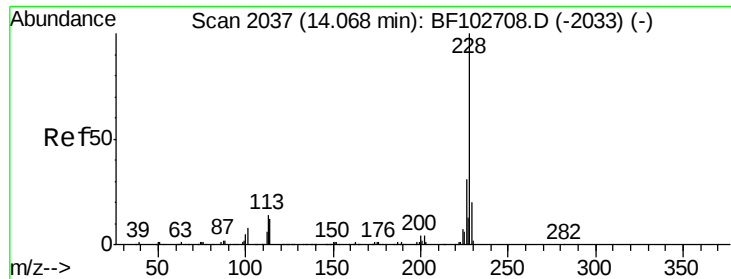
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 40.831 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

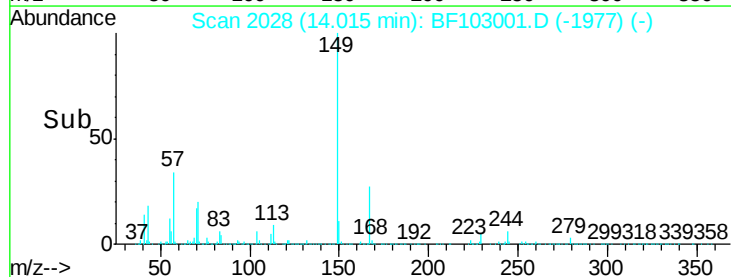
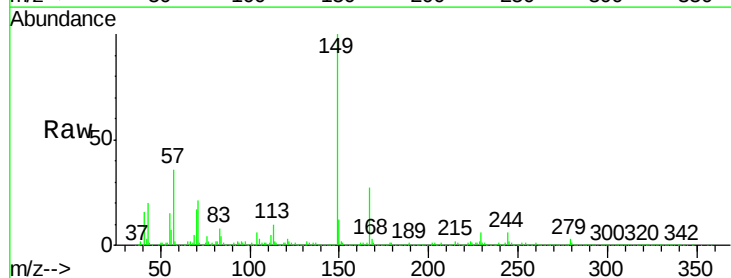
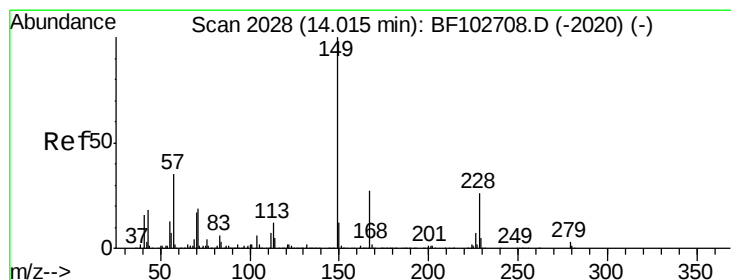
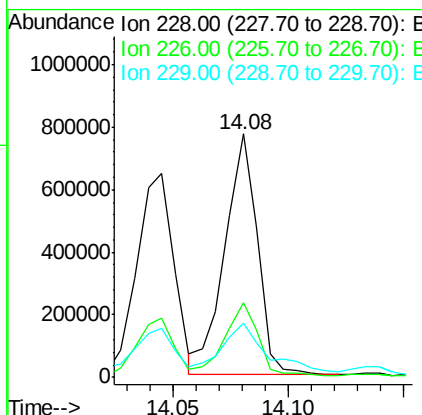
ClientSampleId :

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

Tot Ion:	228	Resp:	757563
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.0	37.6
229	22.5	16.2	24.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 38.739 ng

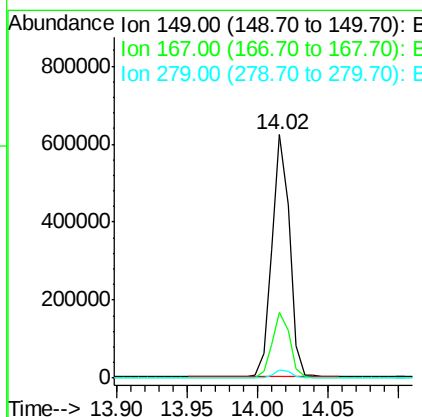
RT: 14.02 min Scan# 2028

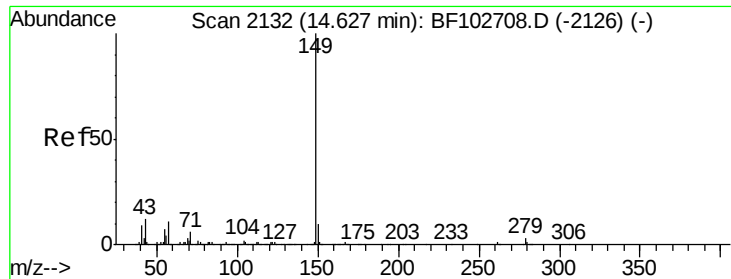
Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Tgt Ion:	149	Resp:	544596
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.3	31.9
279	3.2	3.0	4.4





#84

Di-n-octyl phthalate

Concen: 44.025 ng

RT: 14.63 min Scan# 2132

Delta R.T. 0.00 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

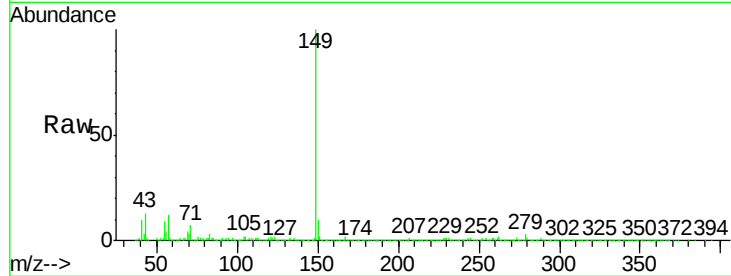
ClientSampleId :

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

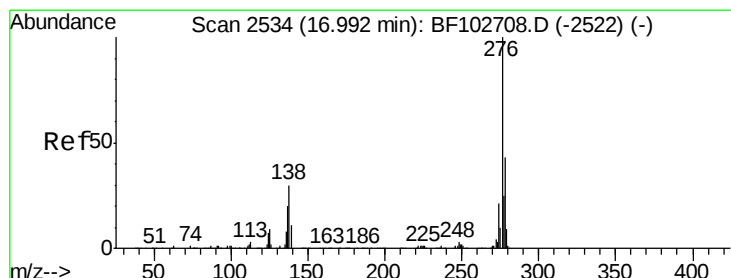
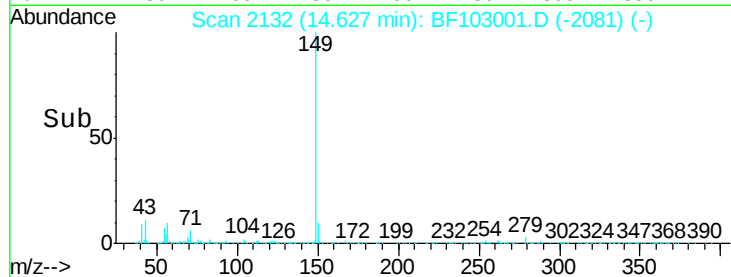
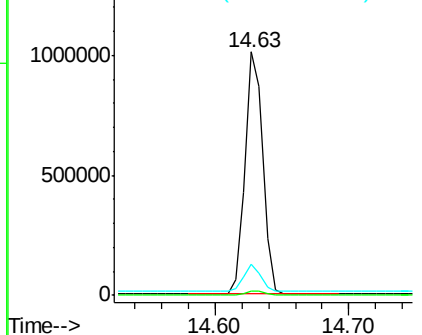
Tot Ion:	149	Resp:	929309
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.2	8.4	12.6

Manual Integrations
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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: 29.554 ng

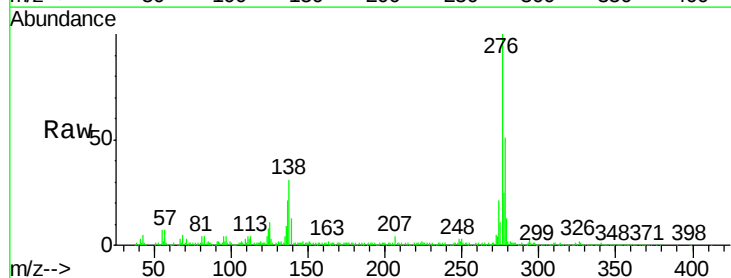
RT: 17.04 min Scan# 2542

Delta R.T. 0.05 min

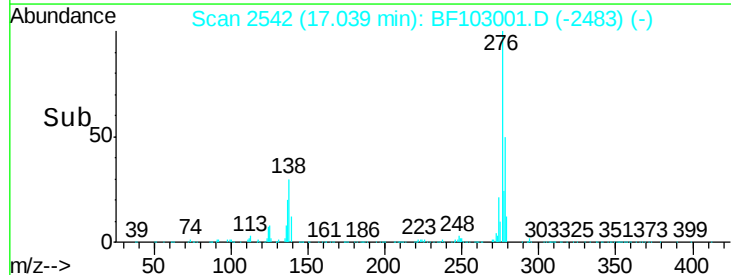
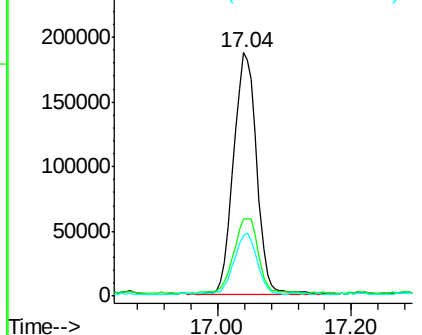
Lab File: BF103001.D

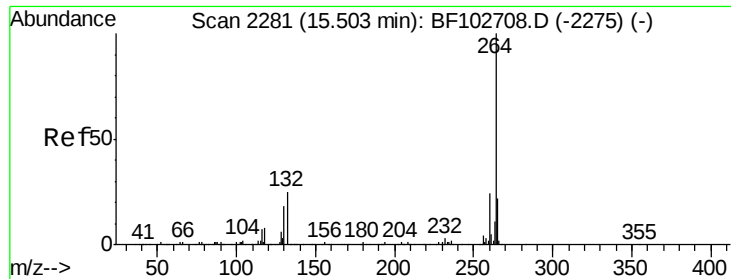
Acq: 14 Feb 2018 20:35

Tgt Ion:	276	Resp:	454777
Ion Ratio	Lower	Upper	
276	100		
138	32.7	25.0	37.6
277	24.7	20.1	30.1



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





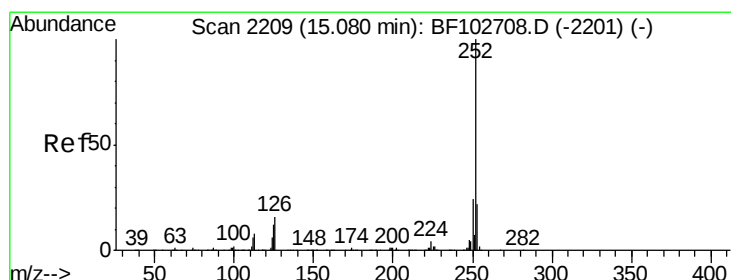
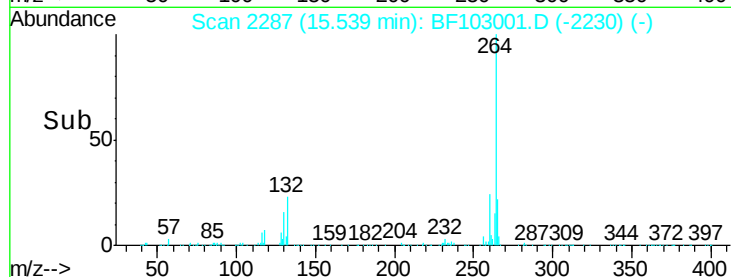
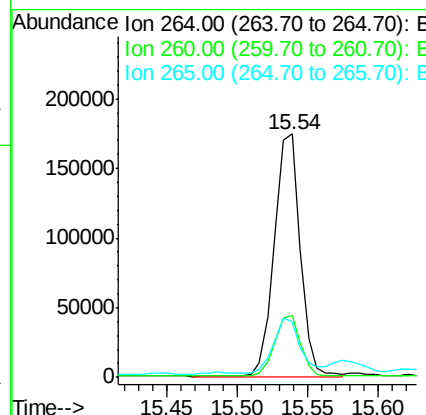
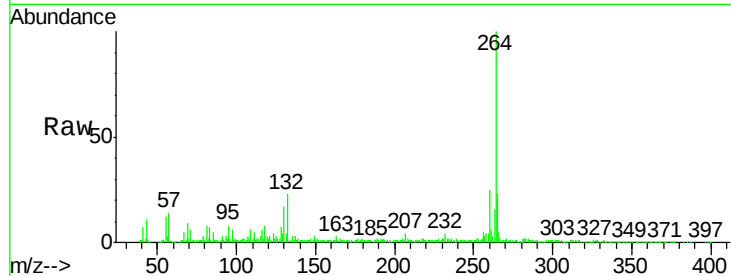
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.04 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

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

Tot Ion	Ratio	Resp	Lower	Upper
264	100	225870		
260	25.2		19.2	28.8
265	22.9		17.5	26.3

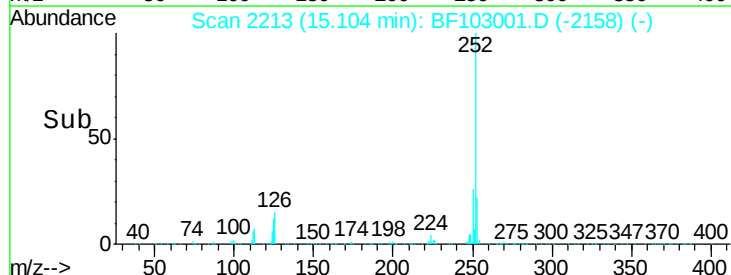
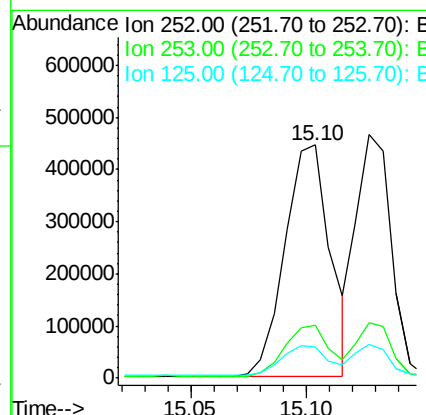
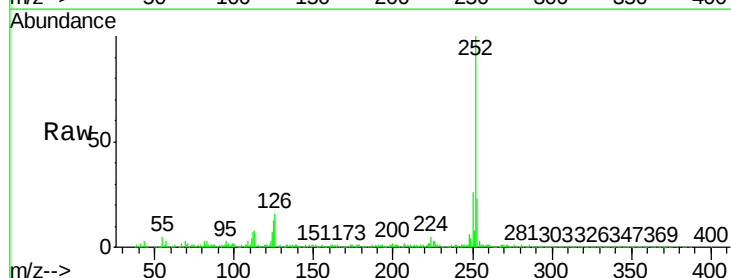
Manual Integrations
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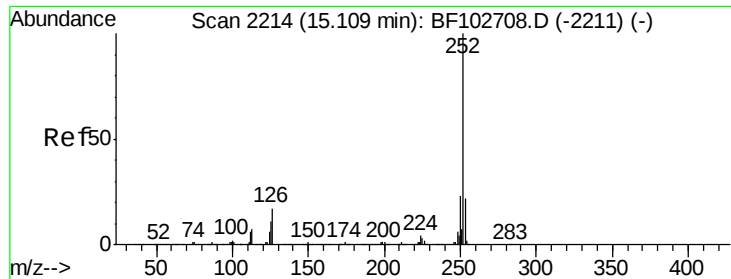
Sohil
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#87
Benzo(b)fluoranthene
Concen: 41.758 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.02 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	611498		
253	22.5		17.0	25.6
125	13.2		9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 34.909 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.02 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Instrument :

BNA_F

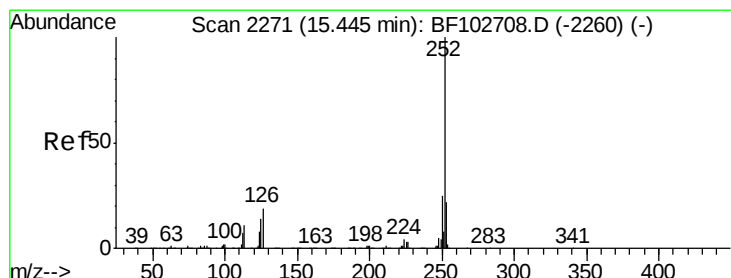
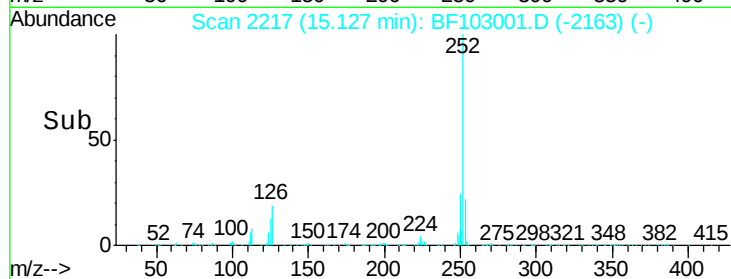
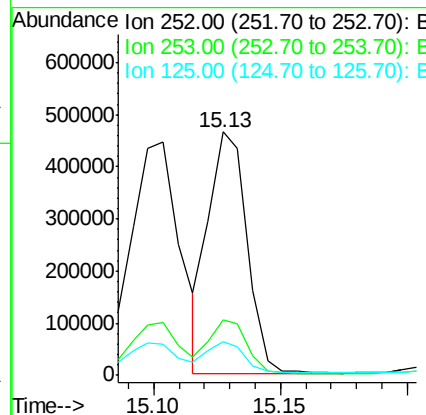
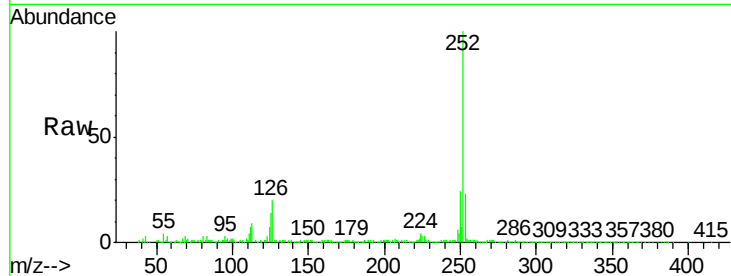
ClientSampleId :

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

Tot Ion:	252	Resp:	488451
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.9	26.9
125	14.0	10.2	15.2

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 36.883 ng

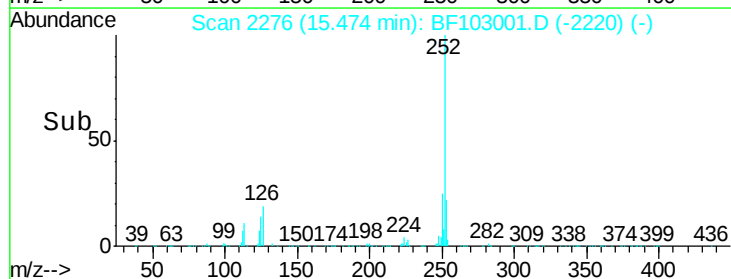
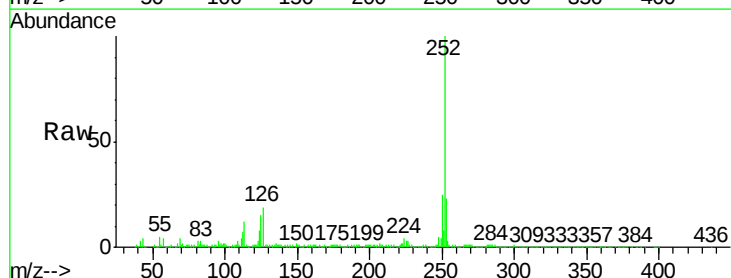
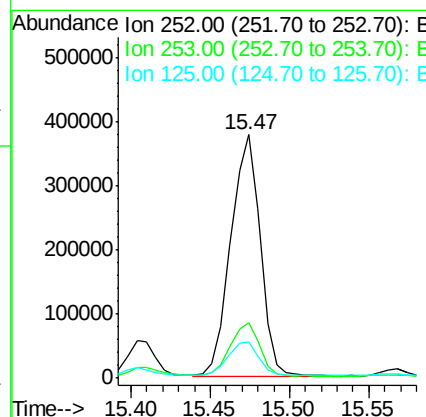
RT: 15.47 min Scan# 2276

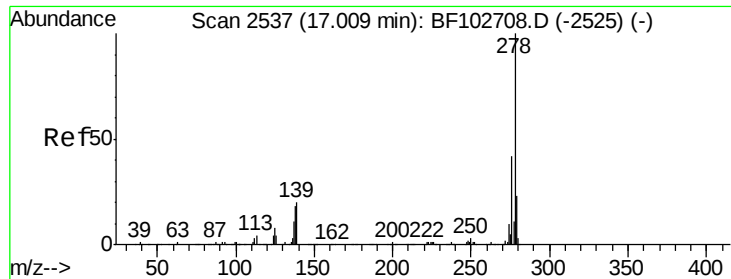
Delta R.T. 0.03 min

Lab File: BF103001.D

Acq: 14 Feb 2018 20:35

Tgt Ion:	252	Resp:	486170
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.1	25.7
125	14.9	9.8	14.6#





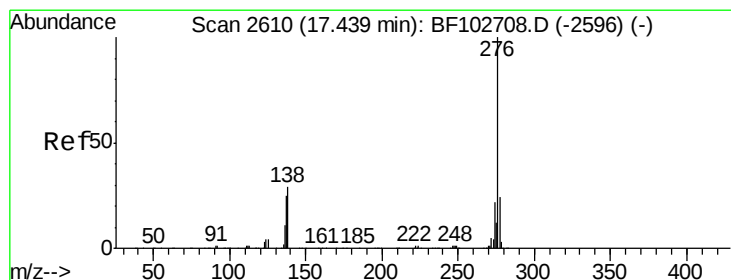
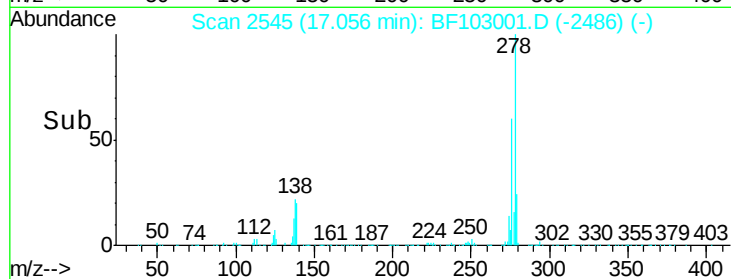
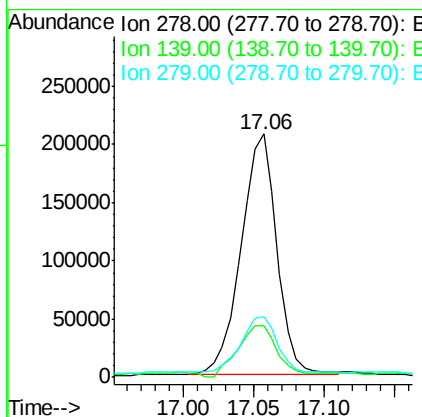
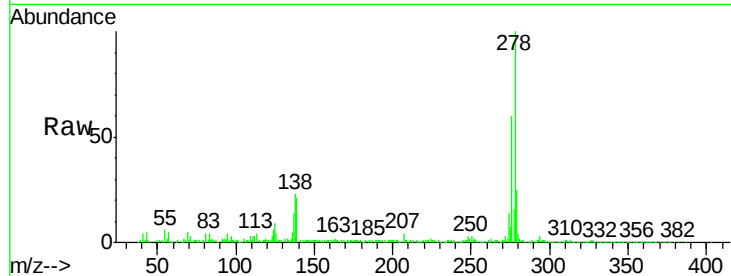
#90
Dibenzo(a,h)anthracene
Concen: 34.301 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.05 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.9	23.9
279	25.0	19.0	28.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 36.199 ng
RT: 17.50 min Scan# 2620
Delta R.T. 0.06 min
Lab File: BF103001.D
Acq: 14 Feb 2018 20:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	29.6	21.8	32.8

