

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
 Data File : BF099486.D
 Acq On : 14 Oct 2017 19:37
 Operator : SJ/JU
 Sample : I5865-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-11MS

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:41:26 PM

Quant Time: Oct 15 00:16:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	95411	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	392345	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	178276	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	306124	20.00	ng	0.00
75) Chrysene-d12	14.02	240	180001	20.00	ng	0.00
86) Perylene-d12	15.49	264	148195	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	692500	115.54	ng	0.01
7) Phenol-d6	6.50	99	832311	112.57	ng	0.00
23) Nitrobenzene-d5	7.42	82	500763	81.85	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	167321	114.70	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	931101	87.19	ng	0.00
78) Terphenyl-d14	12.96	244	739920	93.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	87983	30.73	ng	96
3) Pyridine	3.47	79	209037	26.99	ng	92
4) n-Nitrosodimethylamine	3.41	42	97375	29.65	ng	85
6) Aniline	6.52	93	231941	23.24	ng	98
8) 2-Chlorophenol	6.65	128	243085	35.81	ng	93
9) Benzaldehyde	6.41	77	76231	17.77	ng	94
10) Phenol	6.51	94	334926	40.50	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	226548	35.24	ng	97
12) 1,3-Dichlorobenzene	6.79	146	261460	36.78	ng	97
13) 1,4-Dichlorobenzene	6.87	146	260464	36.01	ng	99
14) 1,2-Dichlorobenzene	7.02	146	241216	36.10	ng	99
15) Benzyl Alcohol	7.00	79	183279	33.79	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	318416	31.79	ng	92
17) 2-Methylphenol	7.11	107	199618	35.94	ng	99
18) Hexachloroethane	7.36	117	92639	35.64	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	151407	32.07	ng	94
20) 3+4-Methylphenols	7.26	107	242036	34.45	ng	# 67
22) Acetophenone	7.26	105	316067	33.25	ng	# 96
24) Nitrobenzene	7.44	77	242633	34.96	ng	95
25) Isophorone	7.67	82	442243	34.96	ng	98
26) 2-Nitrophenol	7.76	139	135984	40.75	ng	# 85
27) 2,4-Dimethylphenol	7.79	122	212398	33.70	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	287818	36.51	ng	98
29) 2,4-Dichlorophenol	8.00	162	202176	37.36	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	204729	37.83	ng	98
31) Naphthalene	8.16	128	689042	37.39	ng	100
32) Benzoic acid	7.91	122	77857	15.04	ng	98
33) 4-Chloroaniline	8.21	127	118614	15.41	ng	96
34) Hexachlorobutadiene	8.27	225	103418	37.10	ng	100
35) Caprolactam	8.59	113	62907m	36.24	ng	
36) 4-Chloro-3-methylphenol	8.70	107	207313	34.09	ng	94
37) 2-Methylnaphthalene	8.85	142	478480	39.94	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	190928	35.91	ng	99
40) Hexachlorocyclopentadiene	9.00	237	109731	45.16	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	125795	33.40	ng	100
43) 2,4,5-Trichlorophenol	9.17	196	131014	34.84	ng	97
45) 1,1'-Biphenyl	9.31	154	554085	36.16	ng	100
46) 2-Chloronaphthalene	9.34	162	432493	37.60	ng	97
47) 2-Nitroaniline	9.44	65	123572	35.08	ng	99
48) Acenaphthylene	9.76	152	653516	37.11	ng	99
49) Dimethylphthalate	9.61	163	655228	48.70	ng	99
50) 2,6-Dinitrotoluene	9.68	165	110955	37.88	ng	93
51) Acenaphthene	9.93	154	385079	34.52	ng	99
52) 3-Nitroaniline	9.85	138	79400	23.25	ng	95
53) 2,4-Dinitrophenol	9.97	184	54679	39.07	ng	88
54) Dibenzofuran	10.10	168	574319	38.67	ng	99
55) 4-Nitrophenol	10.02	139	117385	40.64	ng	94
56) 2,4-Dinitrotoluene	10.09	165	141310	37.17	ng	96
57) Fluorene	10.44	166	453713	38.01	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	96225	37.05	ng	97
59) Diethylphthalate	10.31	149	480735	36.56	ng	97
60) 4-Chlorophenyl-phenylether	10.43	204	205826	38.38	ng	99
61) 4-Nitroaniline	10.47	138	119238	36.19	ng	90
62) Azobenzene	10.59	77	460424	38.09	ng	91
64) 4,6-Dinitro-2-methylphenol	10.50	198	51755	27.79	ng	87
65) n-Nitrosodiphenylamine	10.55	169	400607	37.78	ng	100
66) 4-Bromophenyl-phenylether	10.92	248	117955	39.36	ng	# 89
67) Hexachlorobenzene	10.99	284	119323	37.28	ng	97
68) Atrazine	11.07	200	124486	39.01	ng	99
69) Pentachlorophenol	11.19	266	74703	37.51	ng	100
70) Phenanthrene	11.40	178	636697	38.86	ng	100
71) Anthracene	11.46	178	665547	39.70	ng	100
72) Carbazole	11.62	167	594380	36.20	ng	99
73) Di-n-butylphthalate	11.93	149	741847	37.54	ng	98
74) Fluoranthene	12.59	202	625253	37.68	ng	99
76) Benzidine	12.72	184	194643	29.24	ng	97
77) Pyrene	12.82	202	627988	45.75	ng	99
79) Butylbenzylphthalate	13.43	149	274710	42.59	ng	98
80) Benzo(a)anthracene	14.01	228	428500	39.31	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	85798	21.47	ng	97
82) Chrysene	14.05	228	409876	39.50	ng	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	347871	39.16	ng	# 99
84) Di-n-octyl phthalate	14.59	149	496923	34.74	ng	95
85) Indeno(1,2,3-cd)pyrene	16.99	276	395766	47.68	ng	96
87) Benzo(b)fluoranthene	15.06	252	331584	36.39	ng	98
88) Benzo(k)fluoranthene	15.09	252	347122	38.57	ng	99
89) Benzo(a)pyrene	15.43	252	330130	39.47	ng	97
90) Dibenzo(a,h)anthracene	16.99	278	325570	48.64	ng	97
91) Benzo(g,h,i)perylene	17.43	276	344660	52.09	ng	95

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

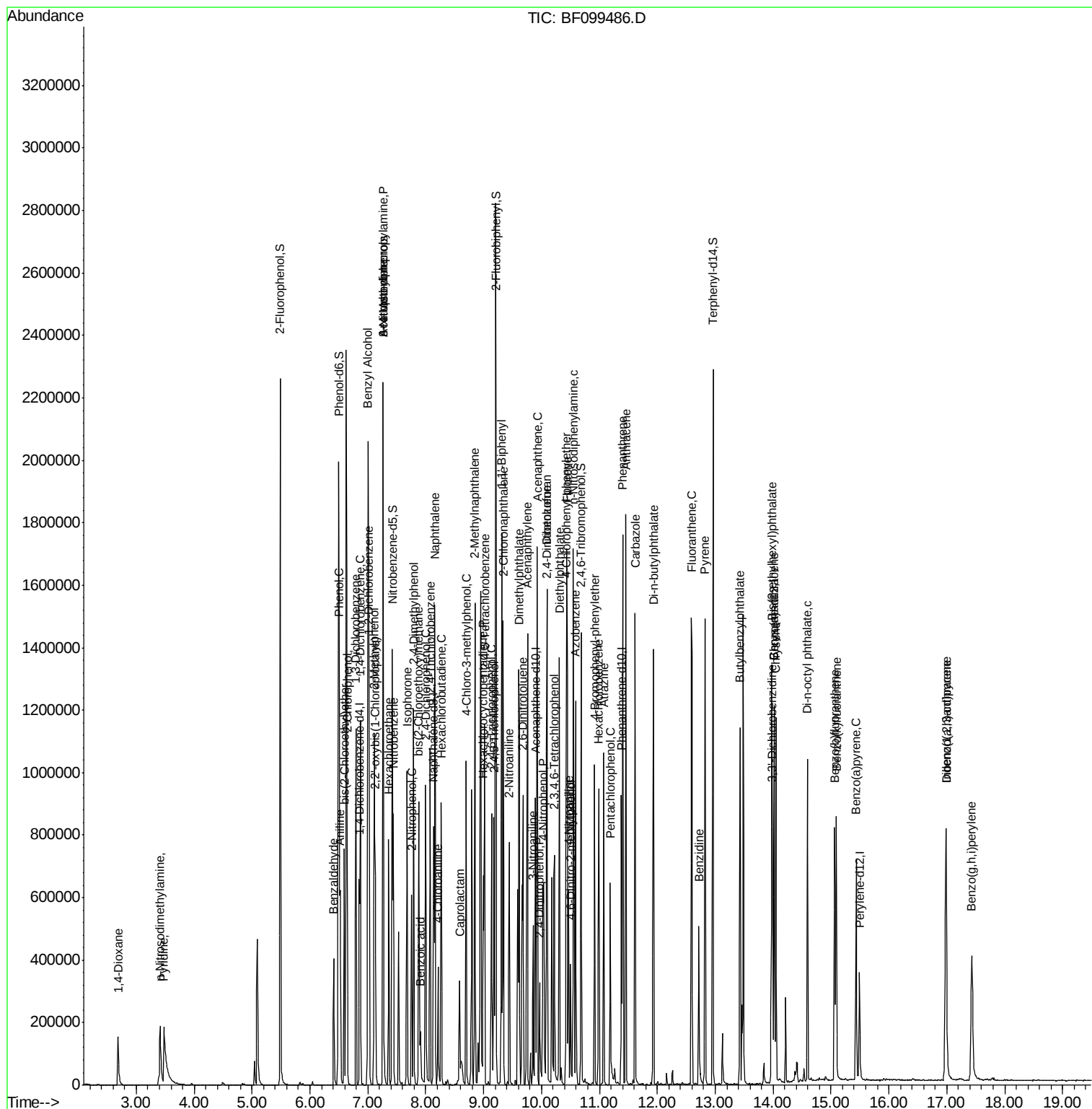
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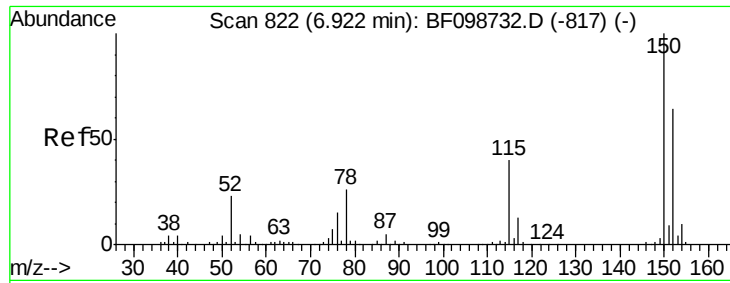
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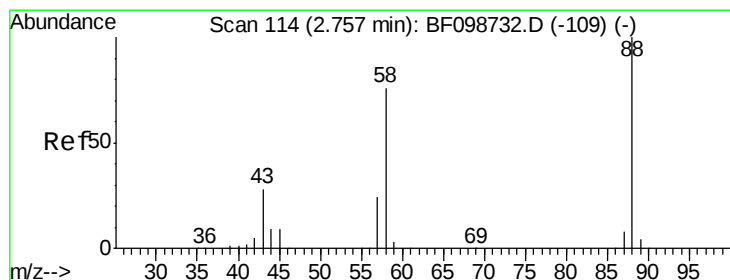
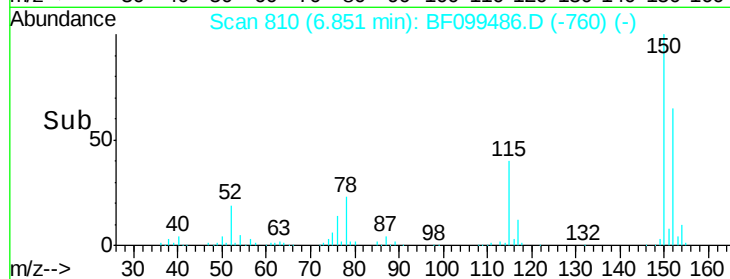
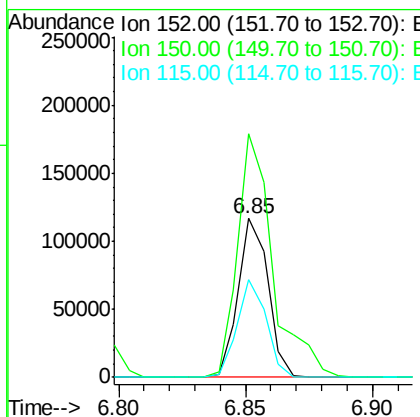
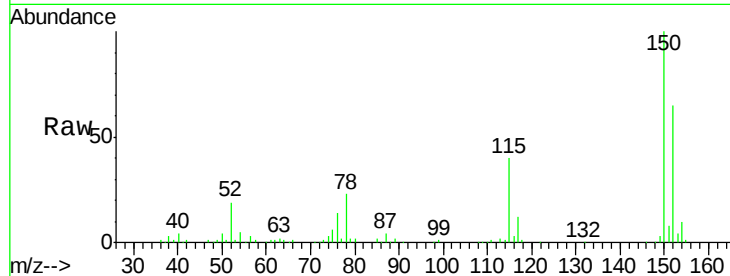
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
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 ClientSampleId :
 CLEANSAND-11MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	61.2	50.1	75.1

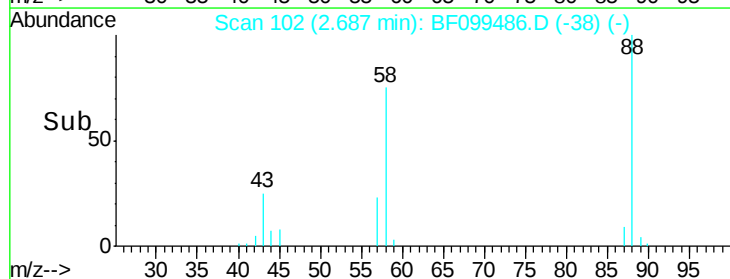
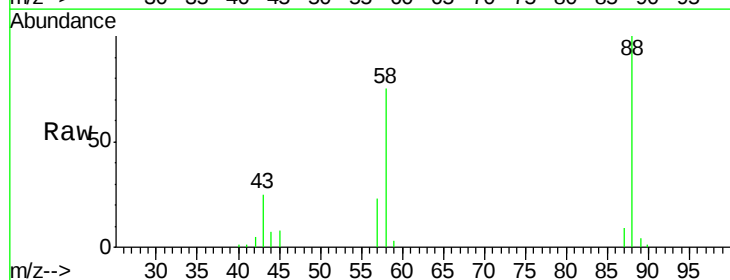
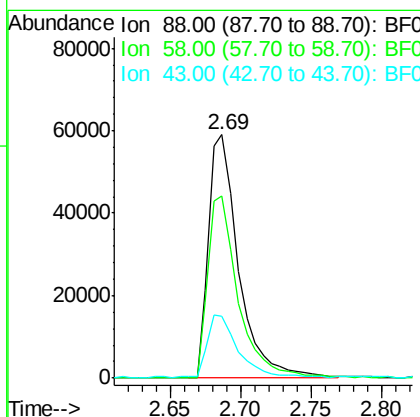
Manual Integrations
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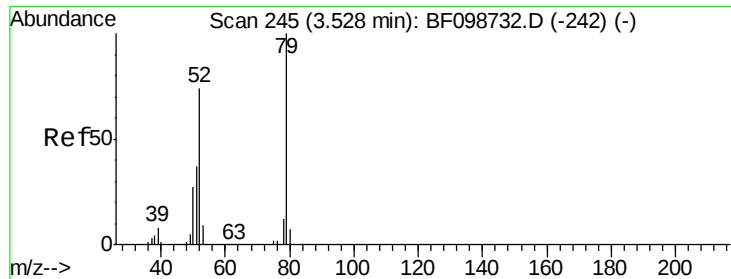
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#2
 1,4-Dioxane
 Concen: 30.73 ng
 RT: 2.69 min Scan# 102
 Delta R.T. 0.08 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.4	62.6	93.8
43	27.6	24.6	37.0





#3

Pyridine

Concen: 26.99 ng

RT: 3.47 min Scan# 236

Delta R.T. 0.08 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

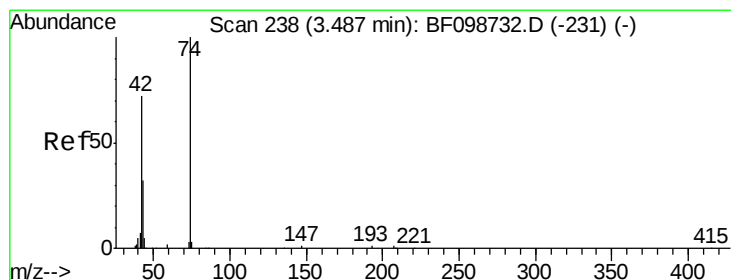
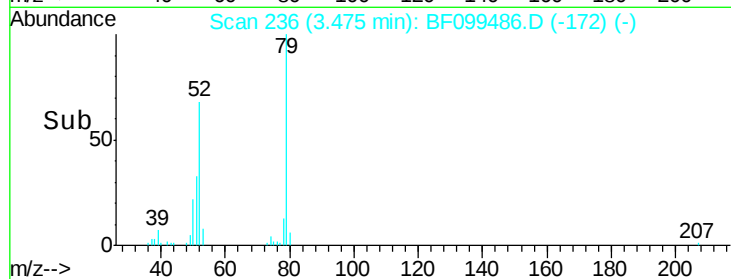
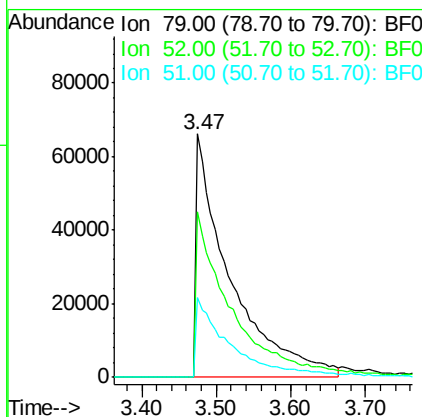
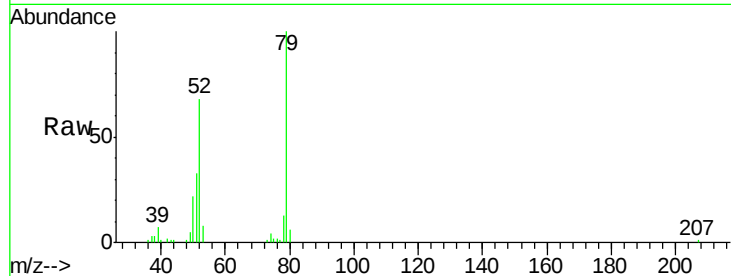
ClientSampleId :

CLEANSAND-11MS

Tgt Ion:	79	Resp:	209037
Ion Ratio		Lower	Upper
79	100		
52	68.1	59.8	89.6
51	32.5	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 29.65 ng

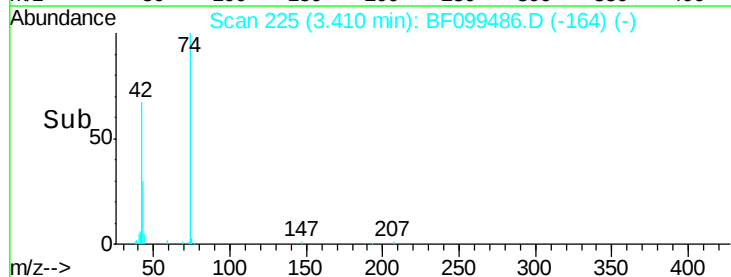
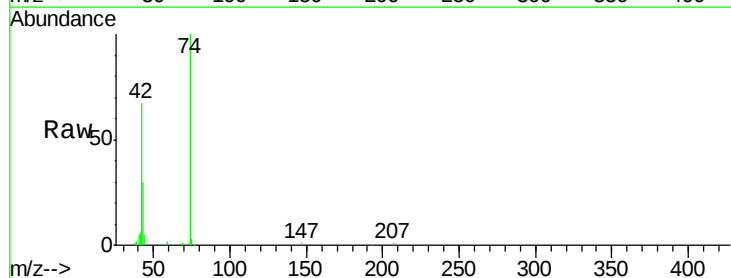
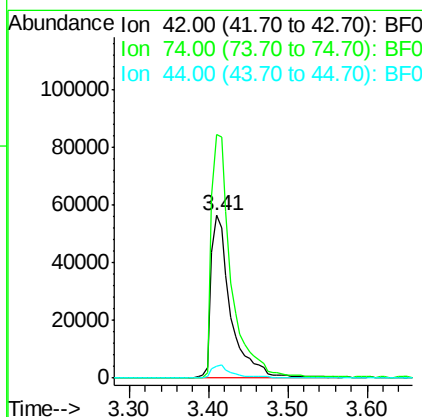
RT: 3.41 min Scan# 225

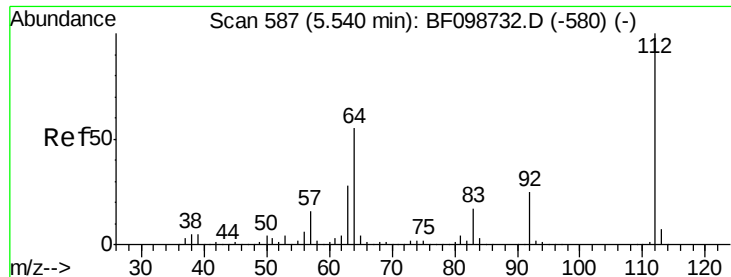
Delta R.T. 0.06 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Tgt Ion:	42	Resp:	97375
Ion Ratio		Lower	Upper
42	100		
74	149.5	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 115.54 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

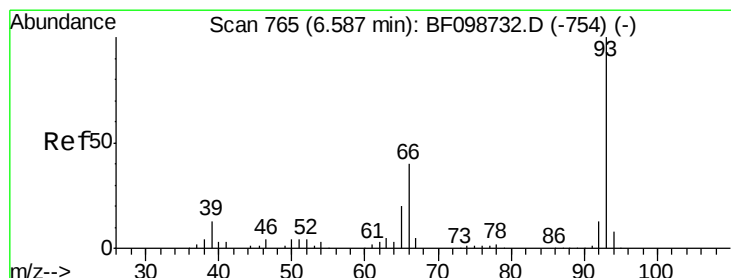
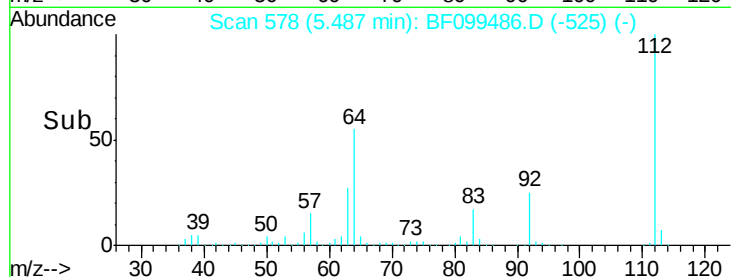
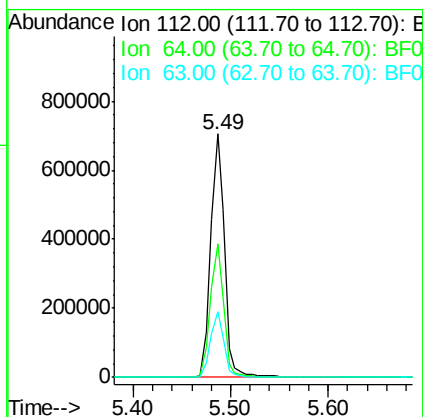
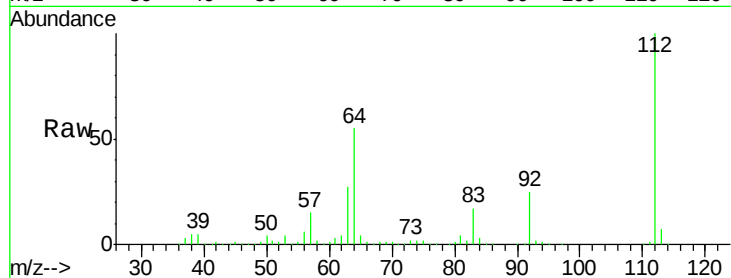
ClientSampleId :

CLEANSAND-11MS

Tgt Ion:	112	Resp:	692500
Ion Ratio		Lower	Upper
112	100		
64	54.9	47.9	71.9
63	27.2	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 23.24 ng

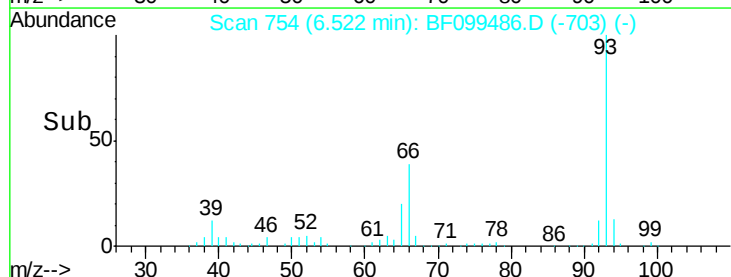
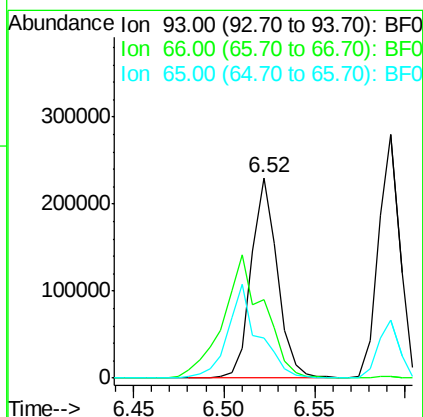
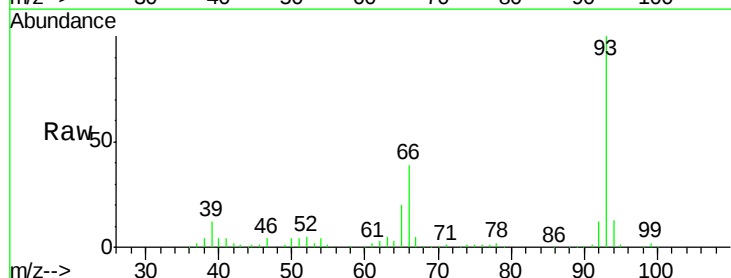
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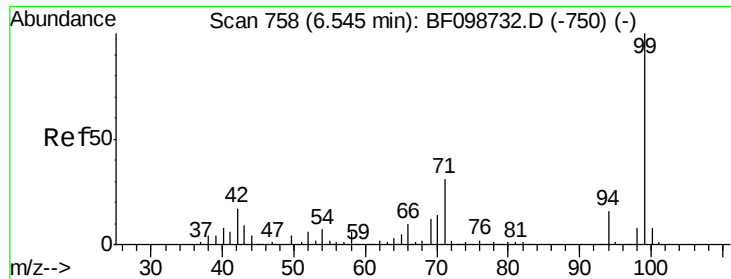
Delta R.T. 0.00 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Tgt Ion:	93	Resp:	231941
Ion Ratio		Lower	Upper
93	100		
66	38.9	32.2	48.2
65	19.8	16.4	24.6





#7

Phenol-d6

Concen: 112.57 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

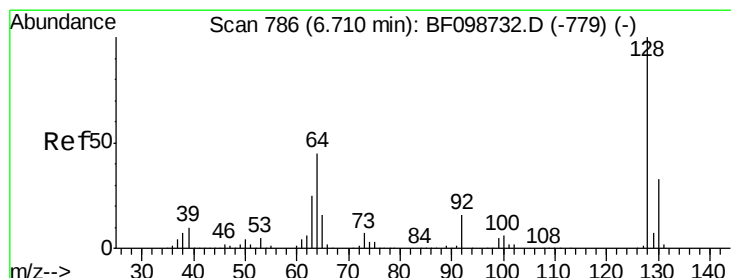
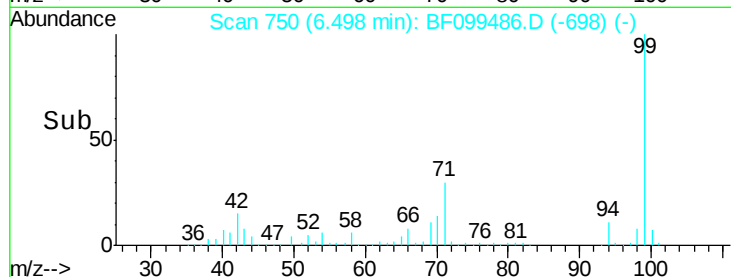
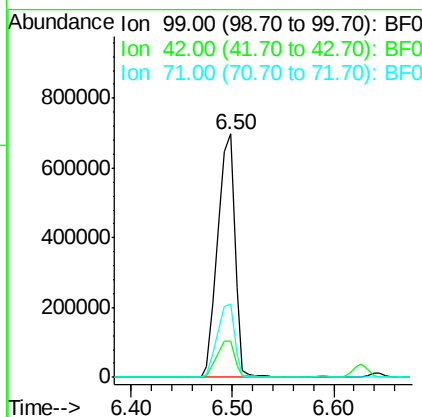
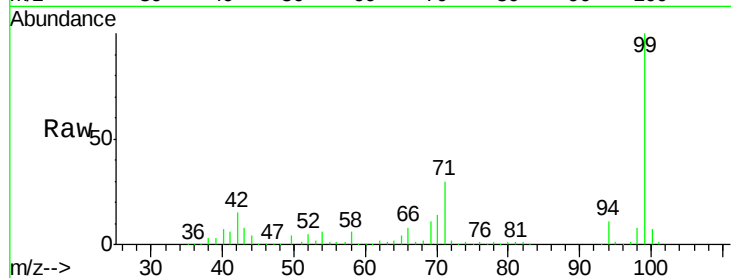
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Tgt Ion:	99	Resp:	832311
Ion Ratio	Lower	Upper	
99	100		
42	15.1	14.5	21.7
71	29.9	25.4	38.0

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#8

2-Chlorophenol

Concen: 35.81 ng

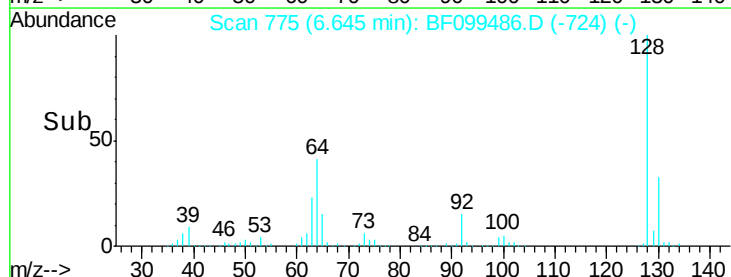
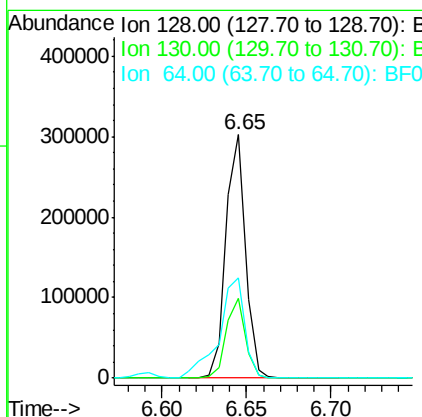
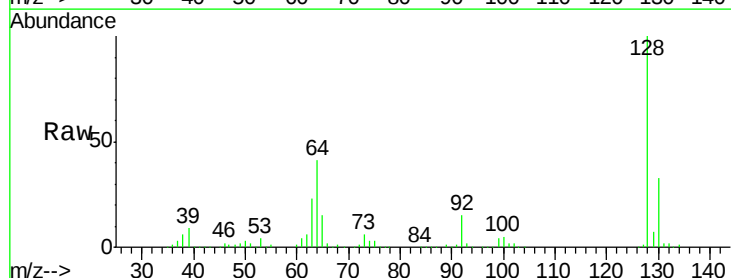
RT: 6.65 min Scan# 775

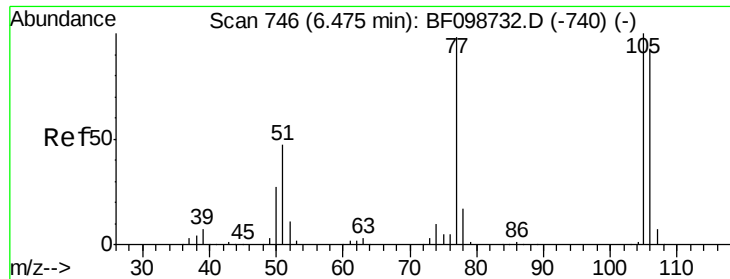
Delta R.T. 0.00 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Tgt Ion:	128	Resp:	243085
Ion Ratio	Lower	Upper	
128	100		
130	32.6	13.0	53.0
64	41.2	29.4	69.4





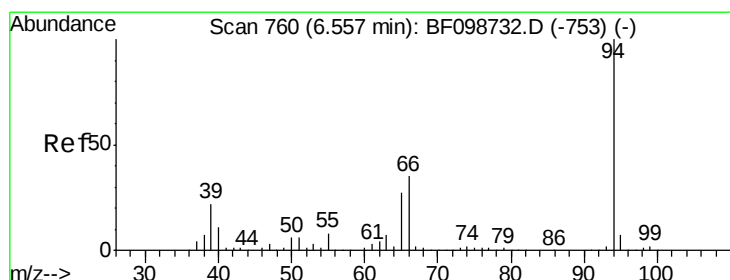
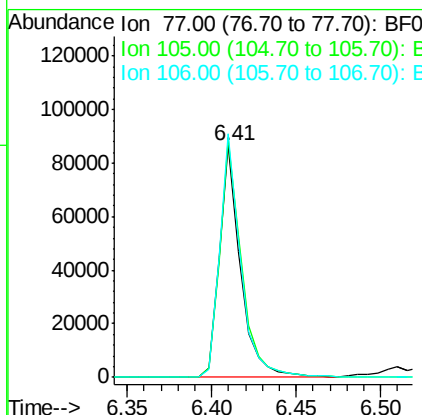
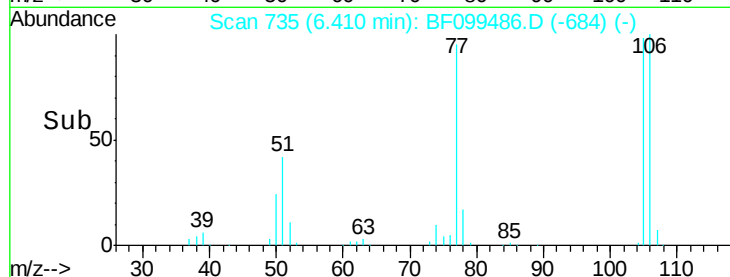
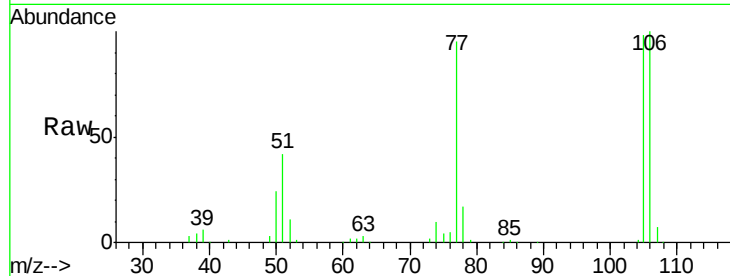
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Benzaldehyde
Concen: 17.77 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
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Tgt Ion: 77 Resp: 76231
Ion Ratio Lower Upper
77 100
105 102.8 81.1 121.1
106 104.9 74.5 114.5

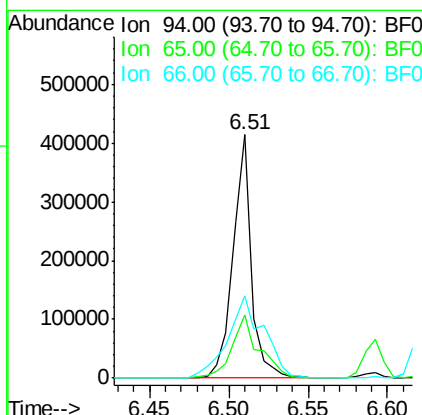
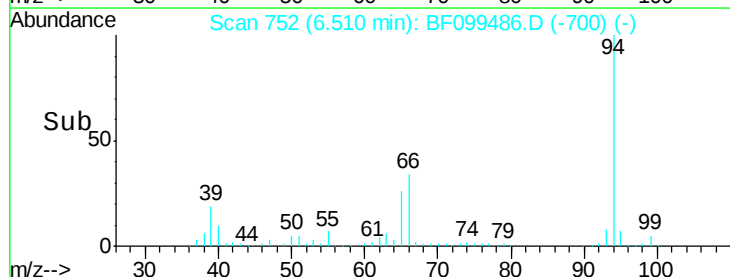
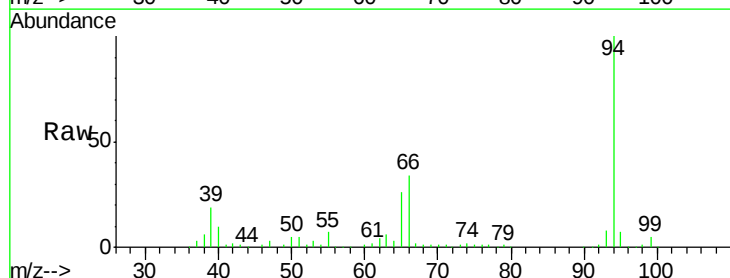
Manual Integrations
APPROVED

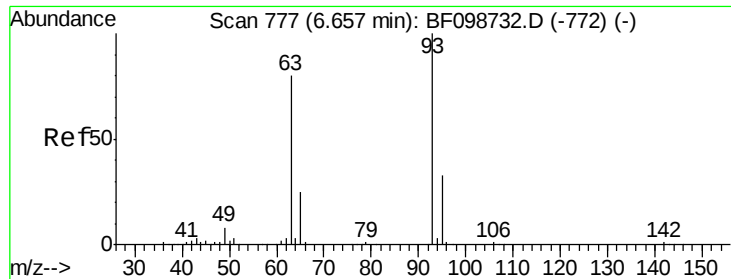
Sohil
10/15/2017 12:41:26 PM



#10
Phenol
Concen: 40.50 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion: 94 Resp: 334926
Ion Ratio Lower Upper
94 100
65 26.1 7.9 47.9
66 34.1 16.2 56.2





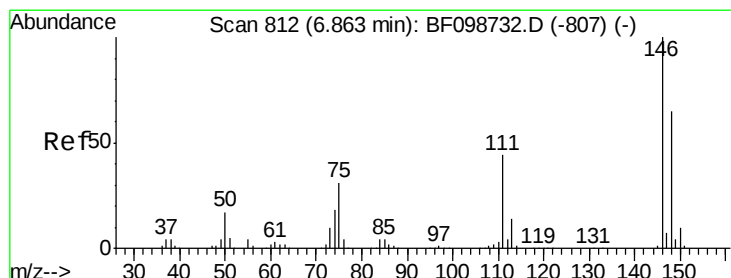
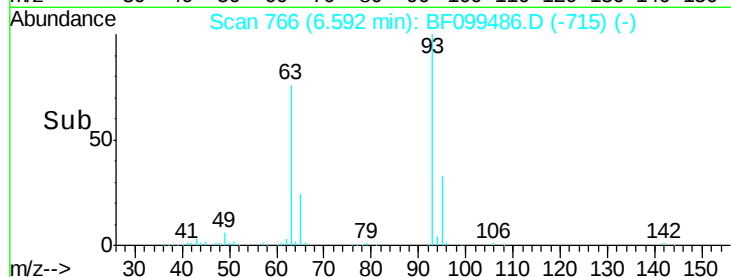
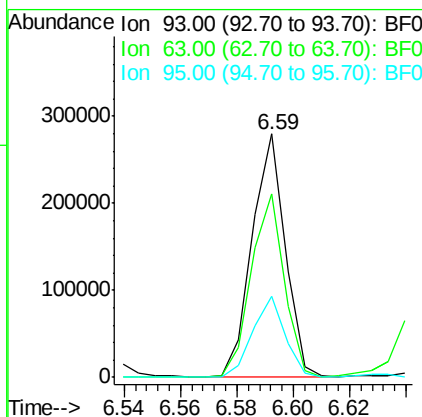
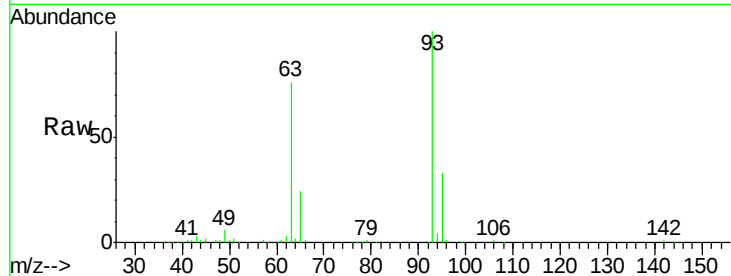
#11
bis(2-Chloroethyl)ether
Concen: 35.24 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	75.5	58.6	98.6
95	33.2	11.8	51.8

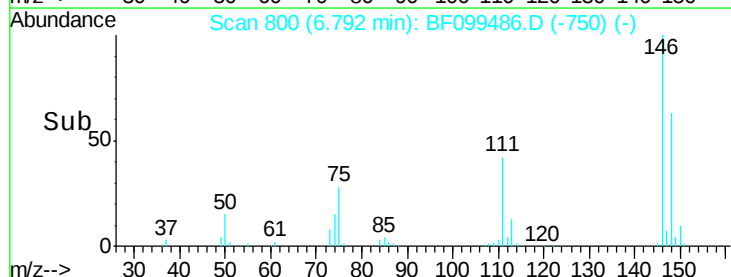
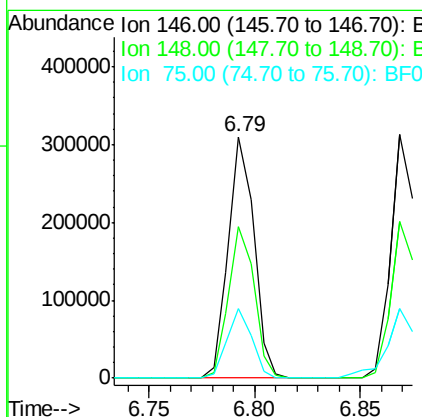
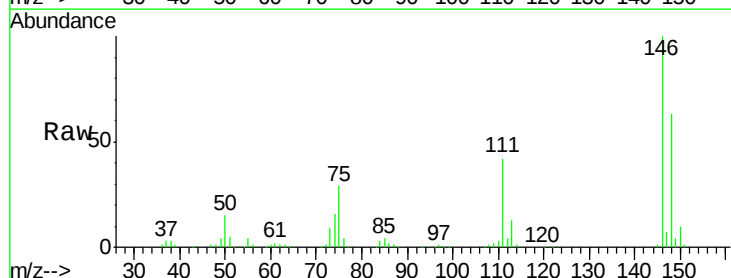
Manual Integrations
APPROVED

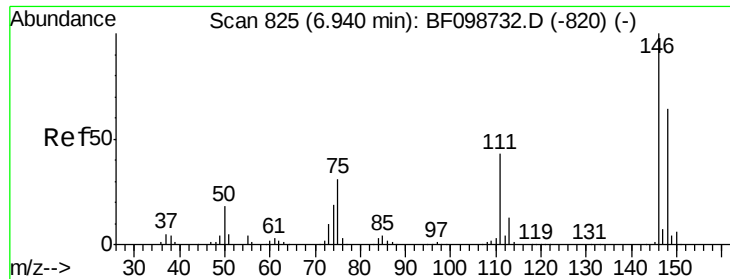
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.78 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	62.8	51.8	77.8
75	28.7	24.2	36.4





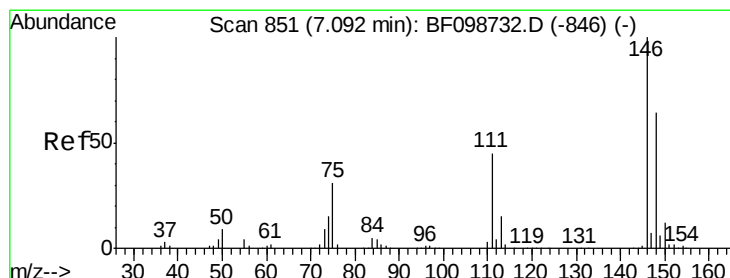
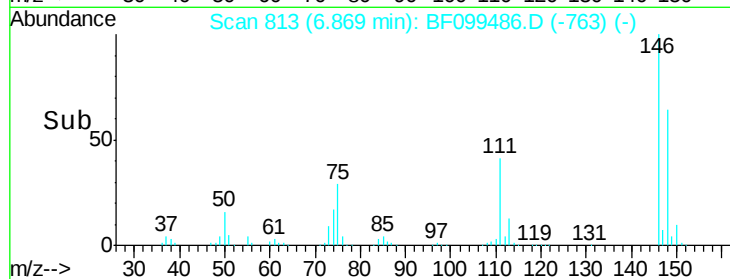
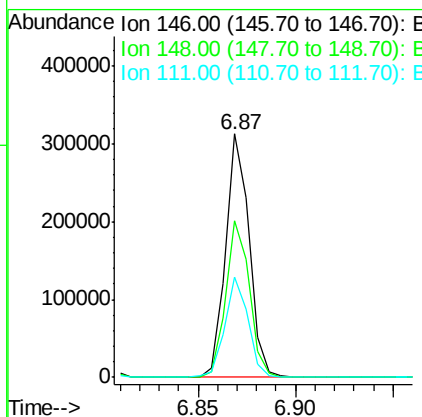
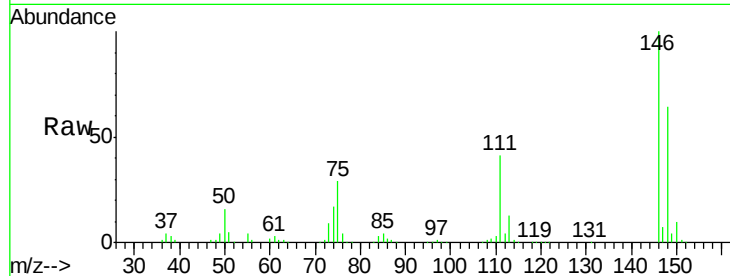
#13
1,4-Dichlorobenzene
Concen: 36.01 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	260464		
148	64.1	50.8	76.2	
111	41.2	34.2	51.2	

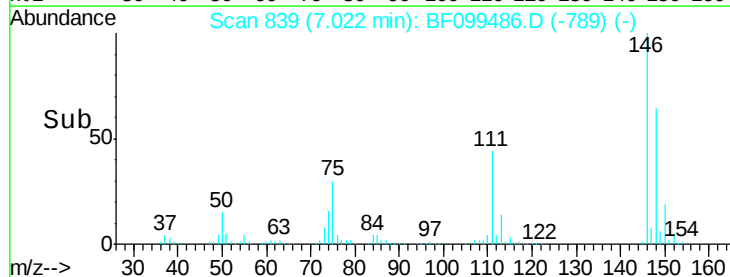
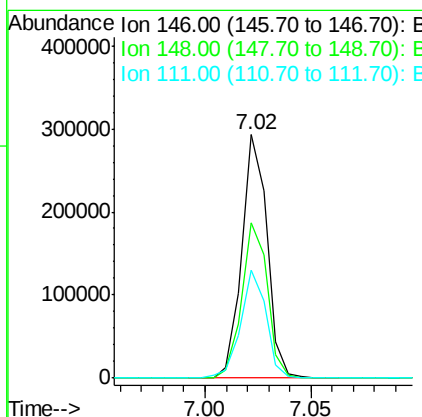
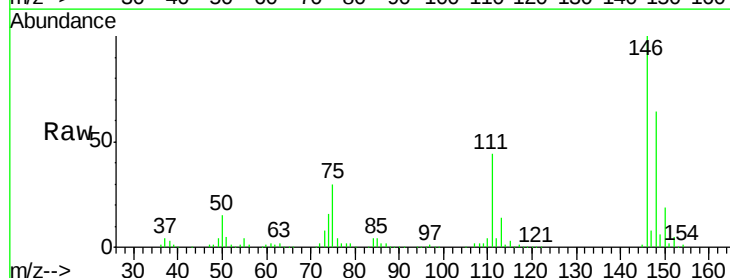
Manual Integrations
APPROVED

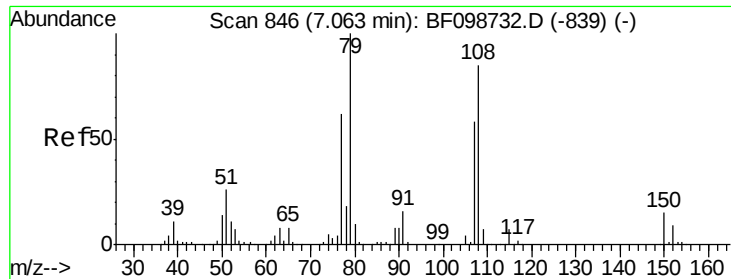
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#14
1,2-Dichlorobenzene
Concen: 36.10 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	241216		
148	63.9	50.6	75.8	
111	44.3	36.0	54.0	





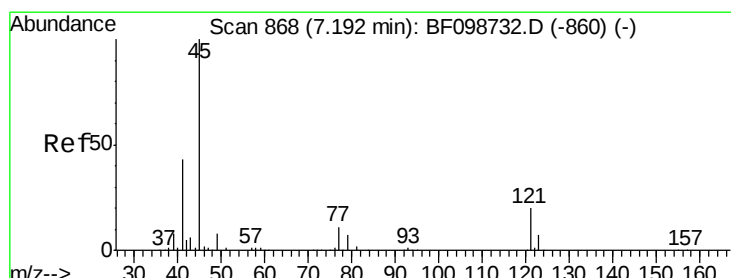
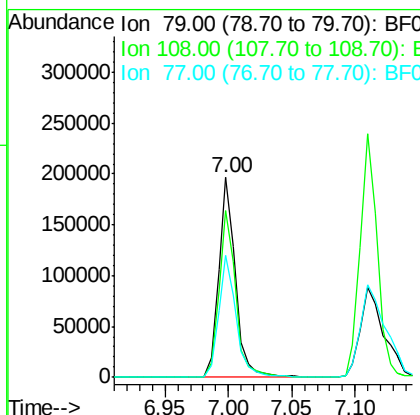
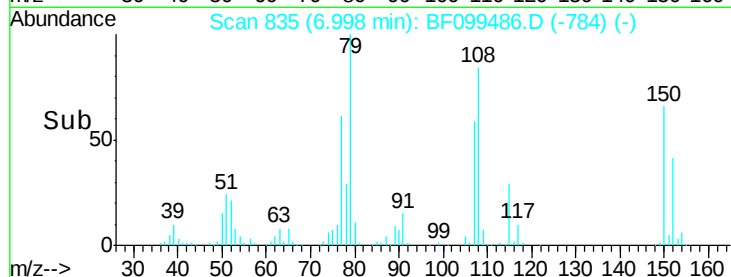
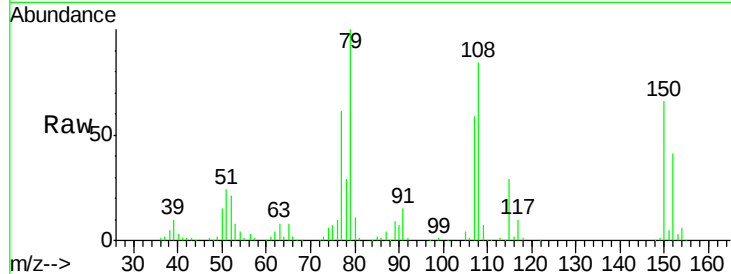
#15
Benzyl Alcohol
Concen: 33.79 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	83.6	65.1	97.7
77	61.3	50.6	75.8

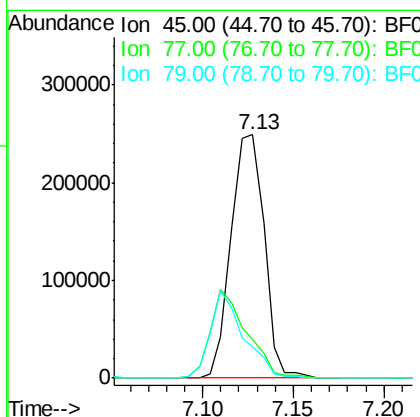
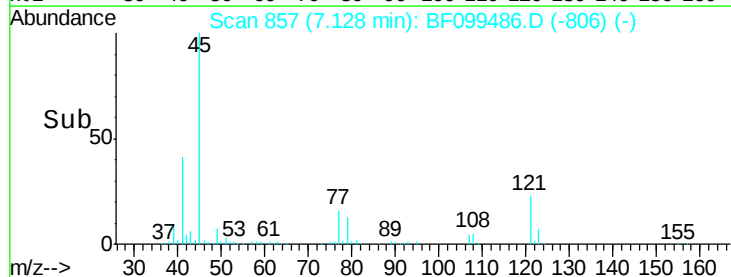
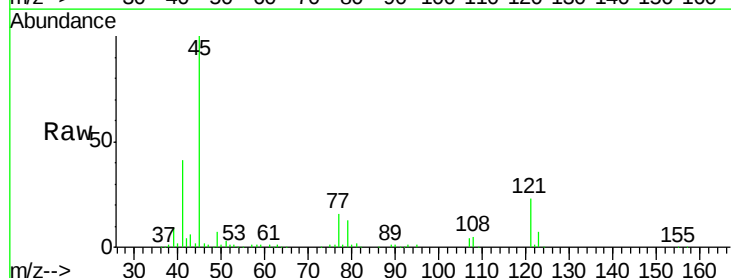
Manual Integrations
APPROVED

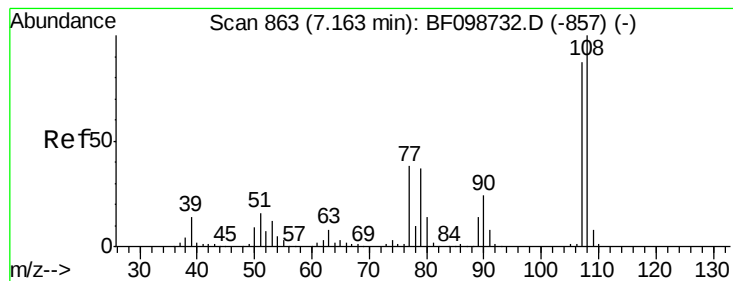
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.79 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	32.9
79	12.9	0.0	29.6





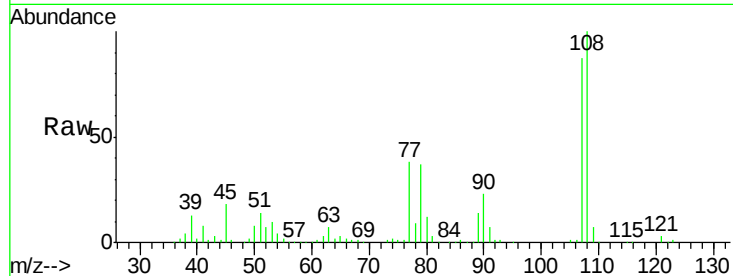
#17
2-Methylphenol
Concen: 35.94 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MS

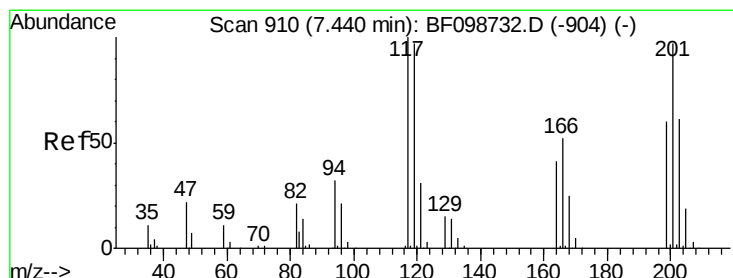
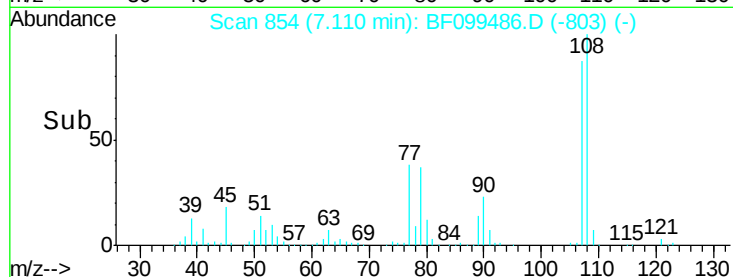
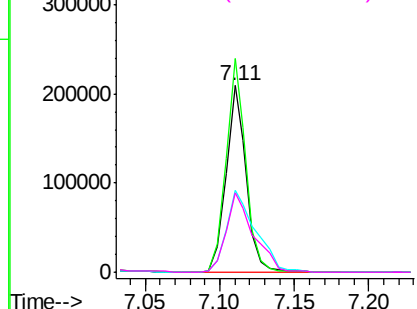
Tgt Ion:	107	Resp:	199618
Ion Ratio	Lower	Upper	
107	100		
108	114.4	91.7	137.5
77	43.7	33.8	50.8
79	42.5	33.8	50.8

Manual Integrations
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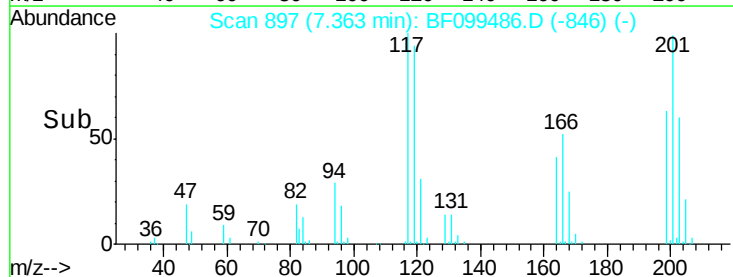
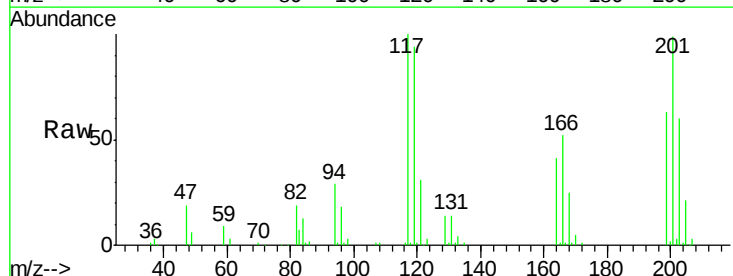
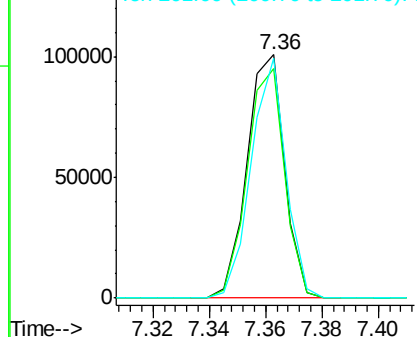
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

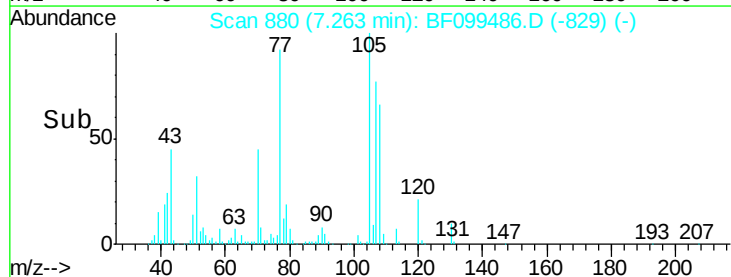
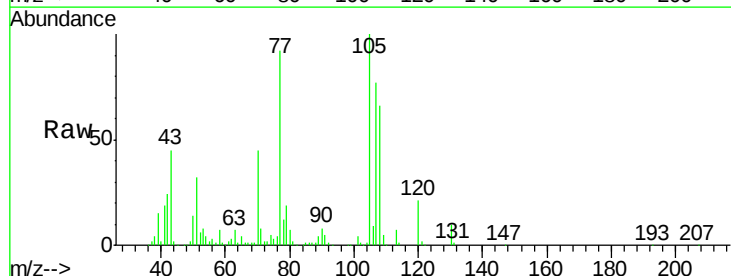
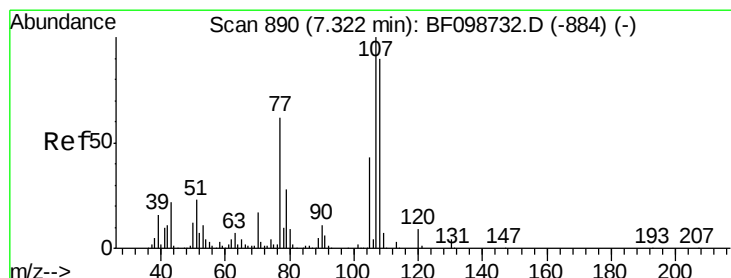
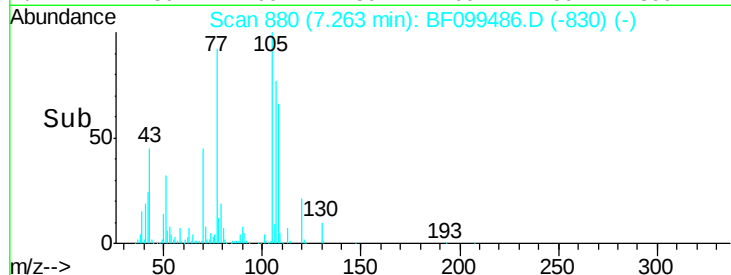
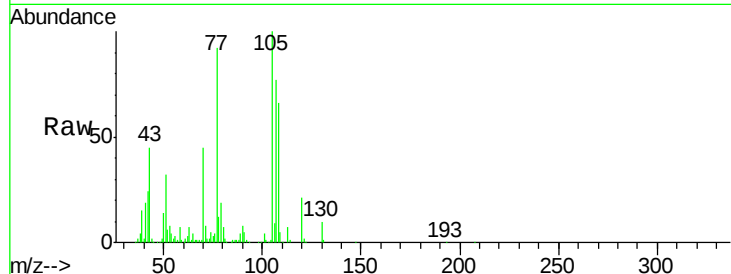
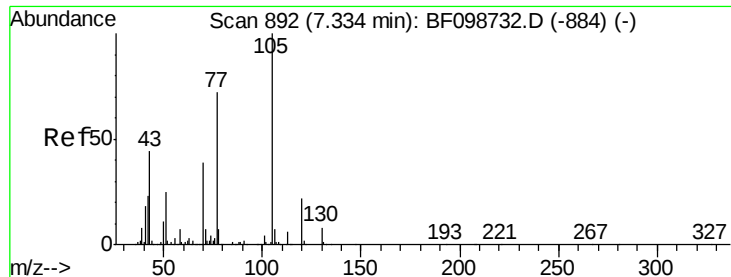


#18
Hexachloroethane
Concen: 35.64 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion:	117	Resp:	92639
Ion Ratio	Lower	Upper	
117	100		
119	94.3	75.8	113.8
201	98.5	75.7	113.5

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





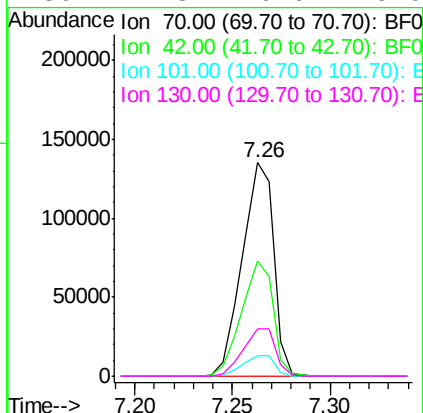
#19
n-Nitroso-di-n-propylamine
Concen: 32.07 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.9	47.5	71.3
101	9.9	7.4	11.2
130	22.3	16.6	25.0

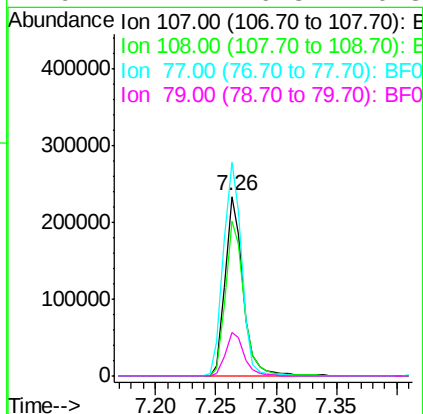
Manual Integrations
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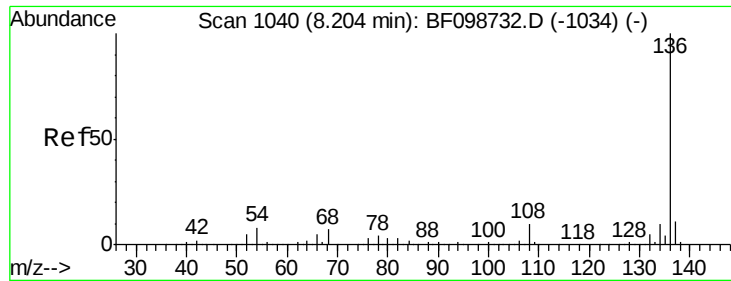
Sohil
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#20
3+4-Methylphenols
Concen: 34.45 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.2	68.2	108.2
77	118.8	26.7	66.7#
79	24.4	6.3	46.3





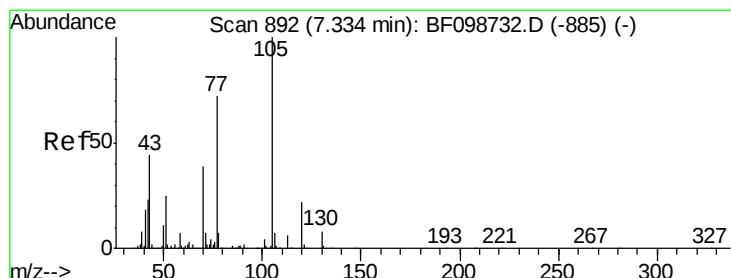
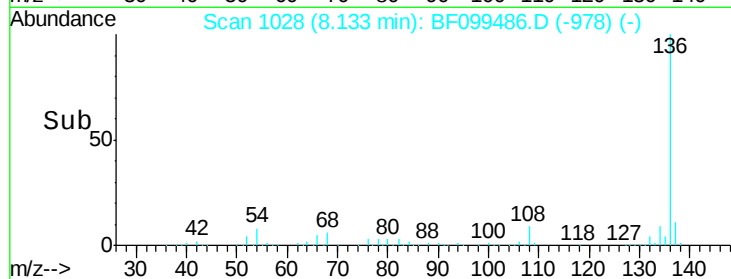
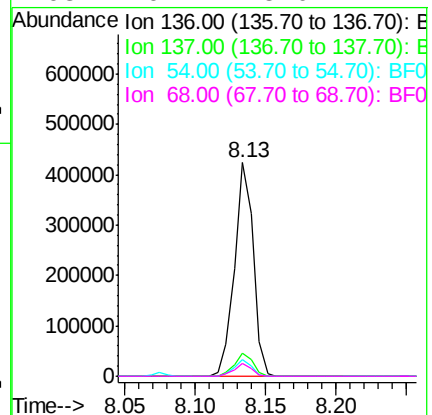
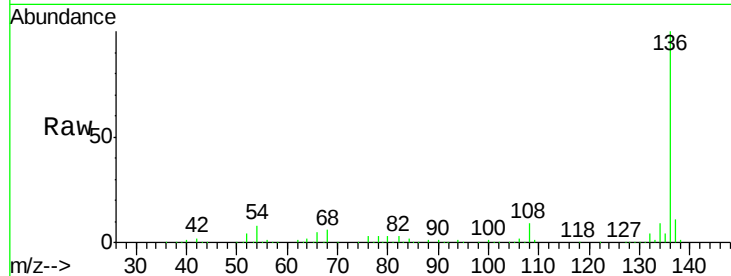
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	392345		
137	11.0	8.9	13.3	
54	7.5	6.6	9.8	
68	6.2	5.0	7.4	

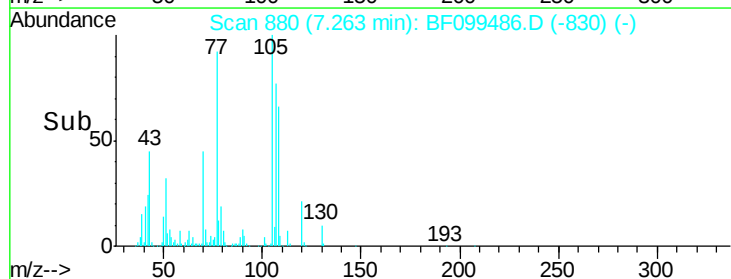
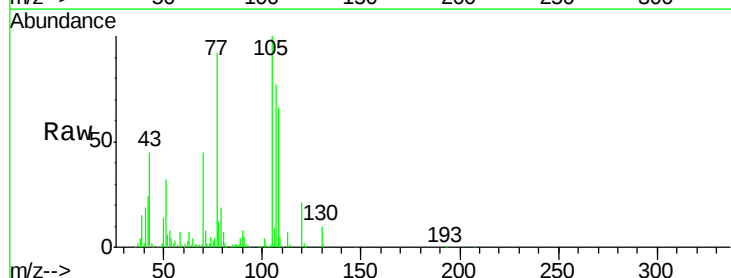
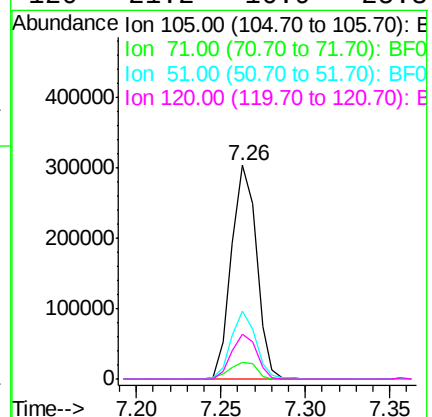
Manual Integrations
APPROVED

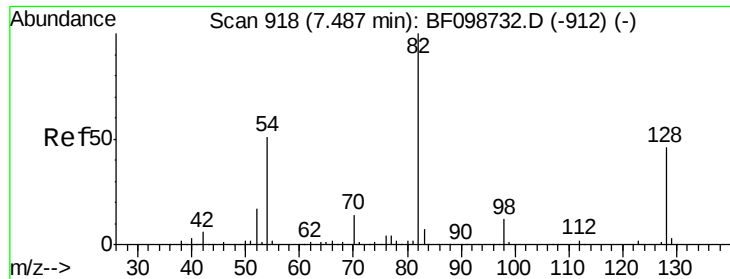
Sohil
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#22
Acetophenone
Concen: 33.25 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	316067		
71	7.8	4.4	6.6#	
51	31.7	22.3	33.5	
120	21.2	16.9	25.3	





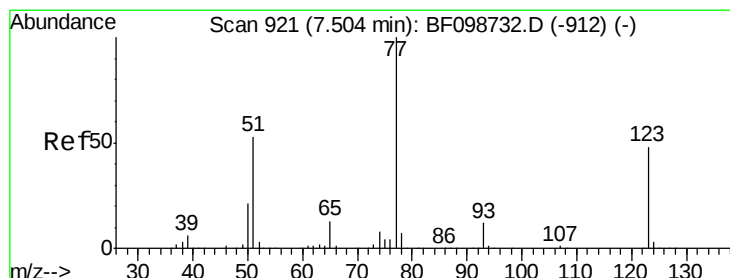
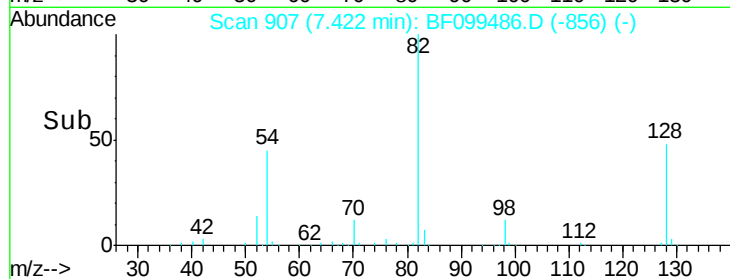
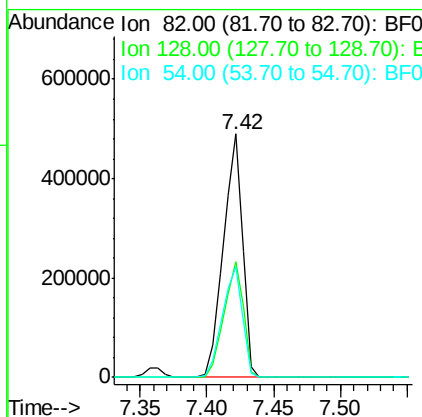
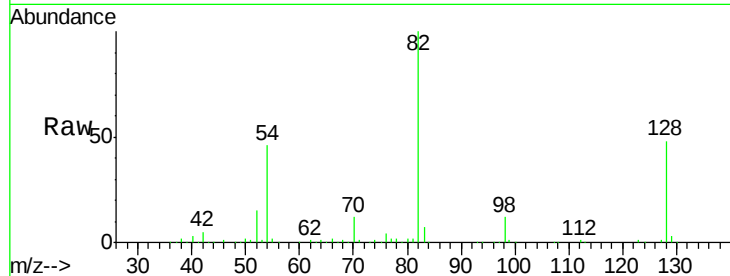
#23
 Nitrobenzene-d5
 Concen: 81.85 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-11MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	500763		
128	47.6	36.1	54.1	
54	45.6	41.4	62.2	

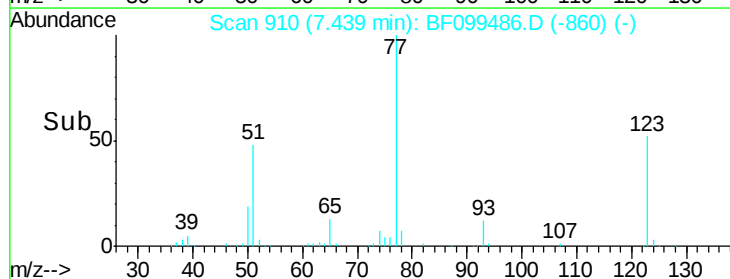
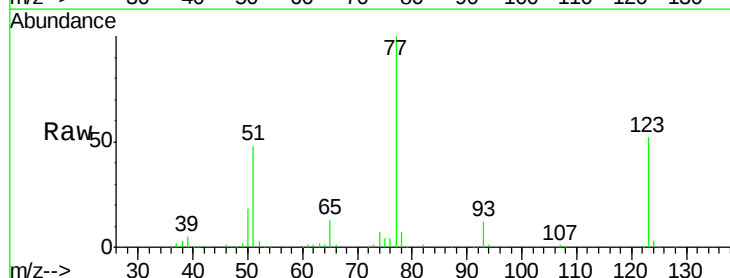
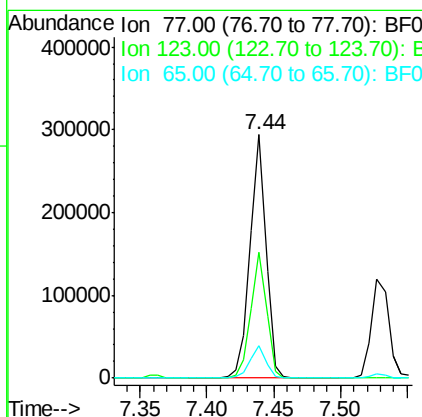
Manual Integrations
 APPROVED

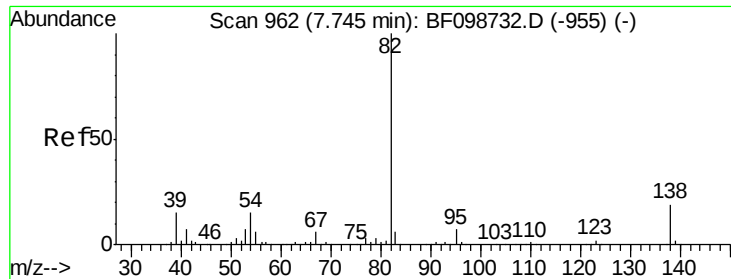
Sohil
 10/15/2017 12:41:26 PM



#24
 Nitrobenzene
 Concen: 34.96 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	242633		
123	51.5	37.9	56.9	
65	13.1	11.0	16.4	





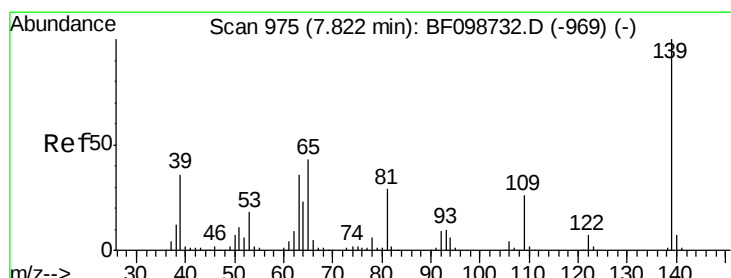
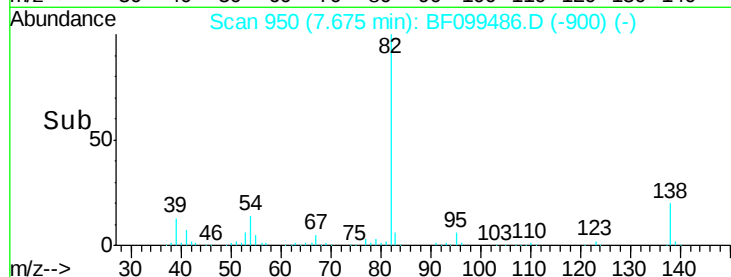
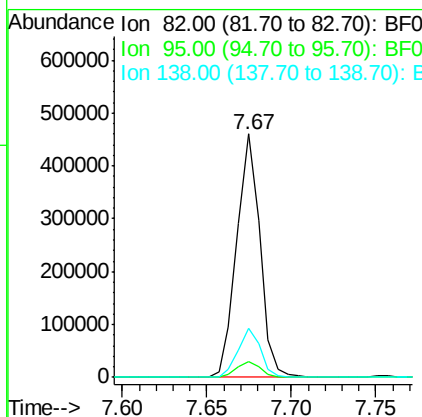
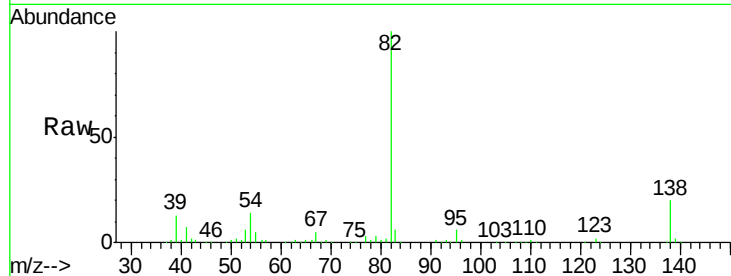
#25
Isophorone
Concen: 34.96 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MS

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.2	7.8
138	20.0	14.9	22.3

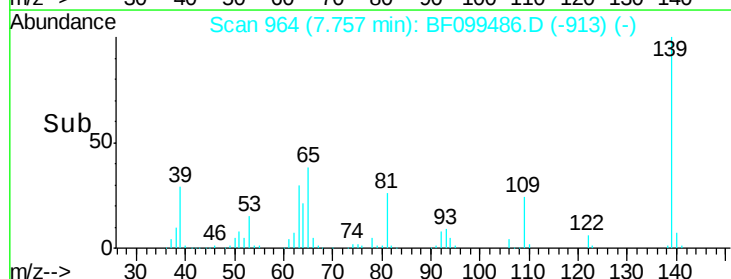
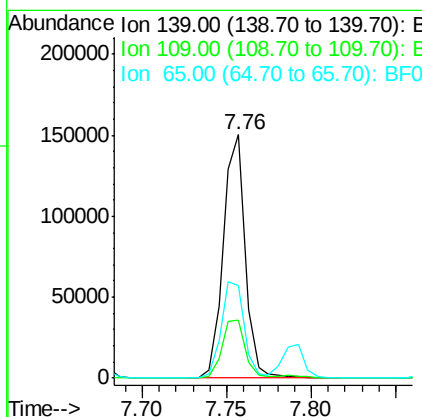
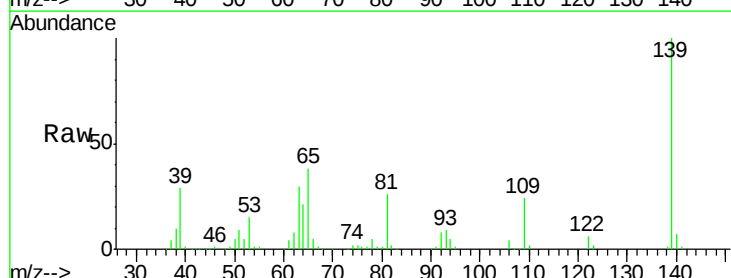
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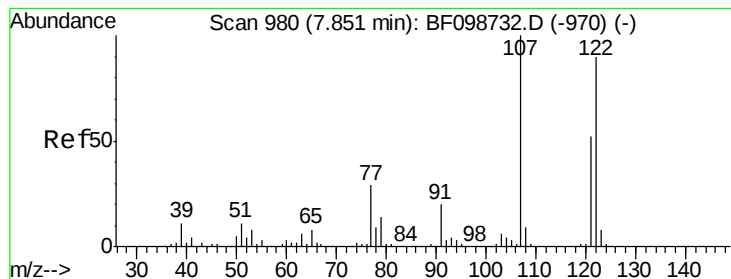
Sohil
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#26
2-Nitrophenol
Concen: 40.75 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	23.8	22.7	34.1
65	37.9	40.5	60.7#





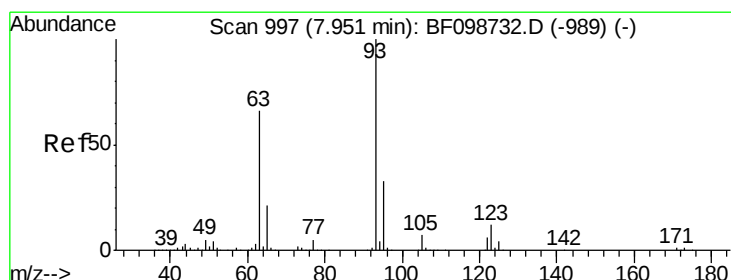
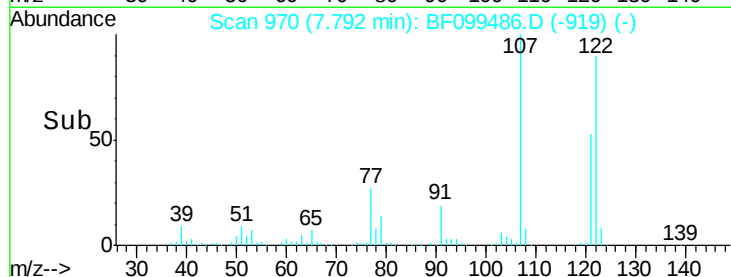
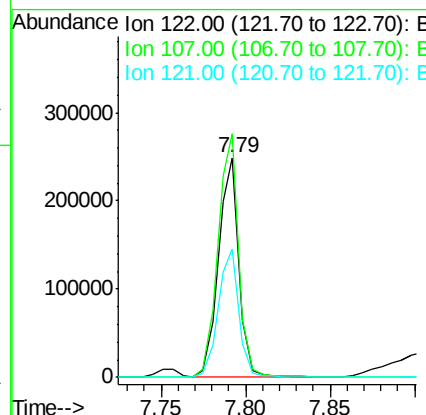
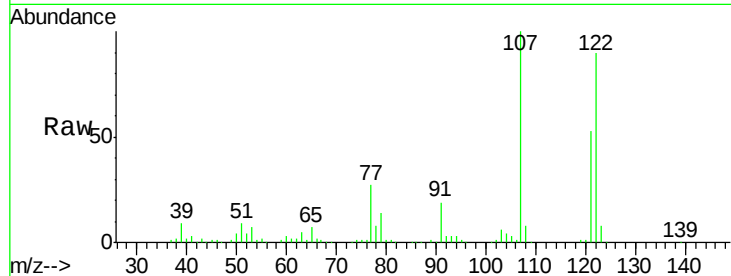
#27
 2,4-Dimethylphenol
 Concen: 33.70 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-11MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	212398		
107	110.8	91.2	136.8	
121	58.7	47.2	70.8	

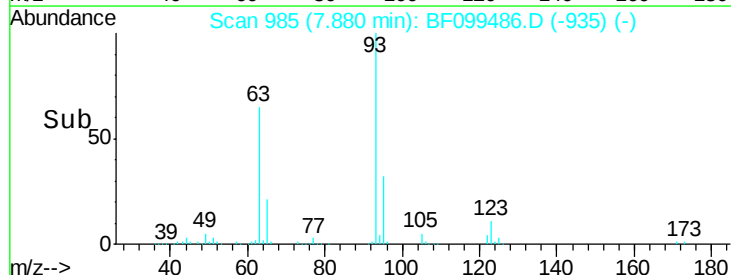
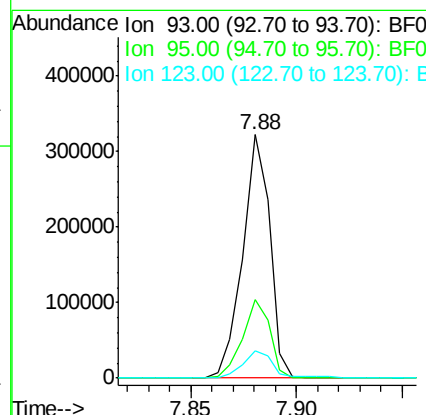
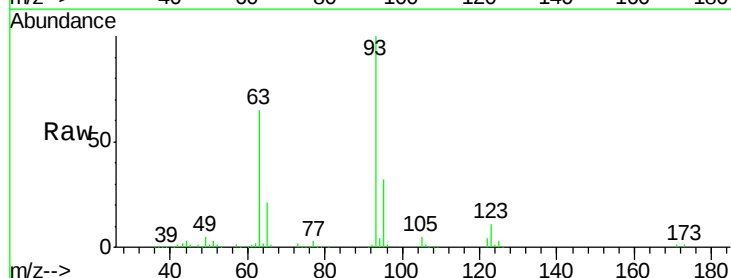
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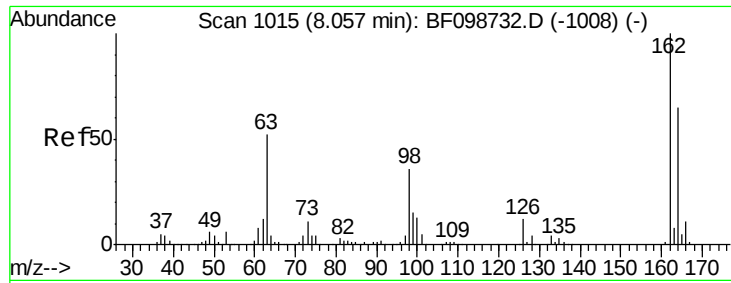
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.51 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	287818		
95	32.0	26.3	39.5	
123	11.2	9.8	14.6	





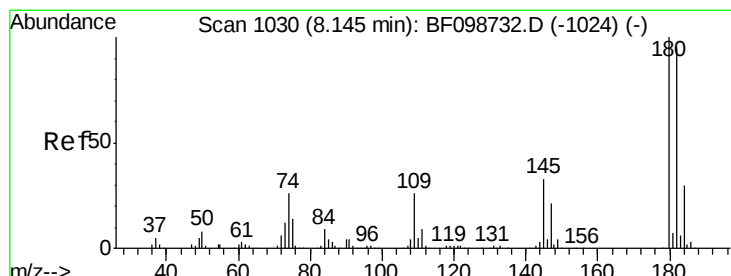
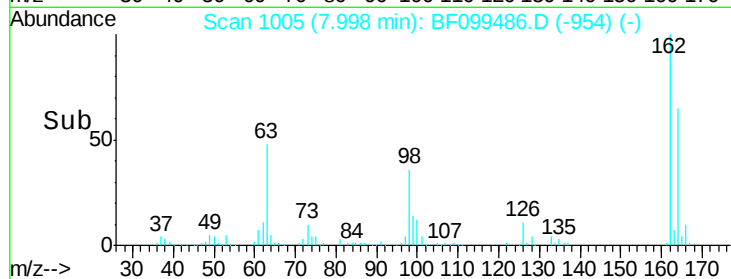
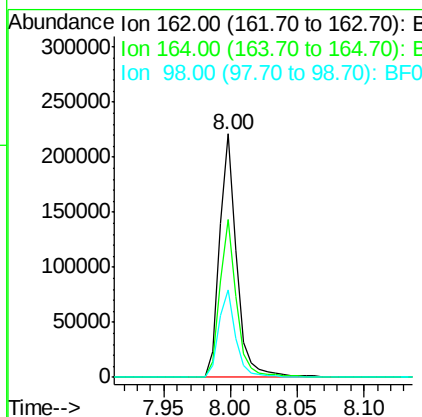
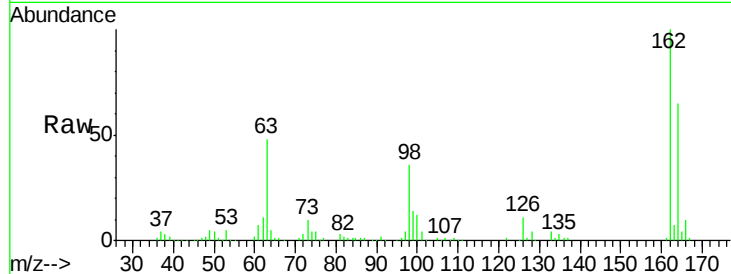
#29
 2,4-Dichlorophenol
 Concen: 37.36 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-11MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.1	42.7	82.7
98	35.8	18.1	58.1

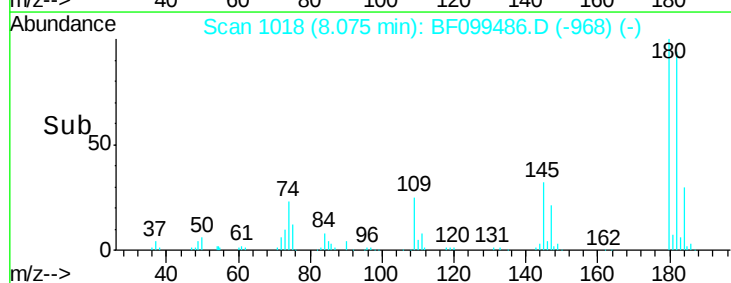
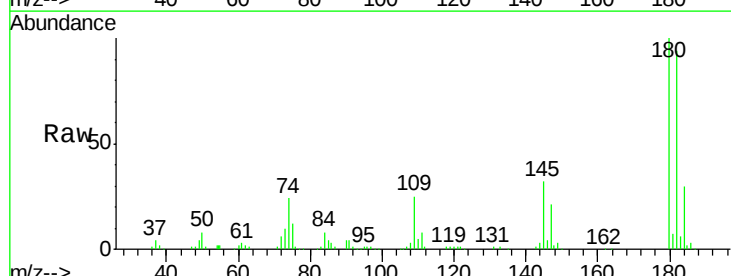
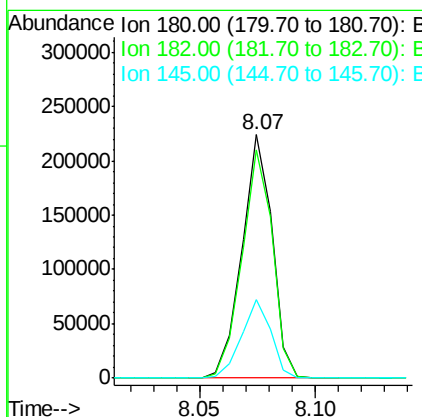
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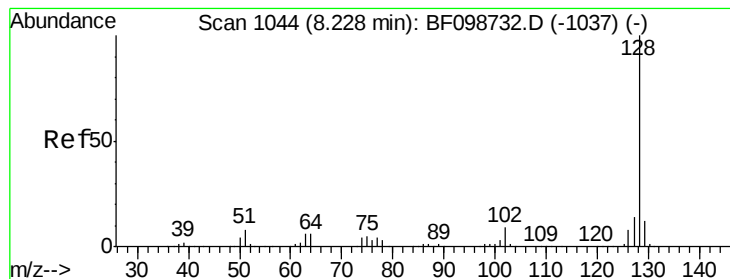
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.83 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.7	76.8	115.2
145	32.2	26.5	39.7





#31

Naphthalene

Concen: 37.39 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

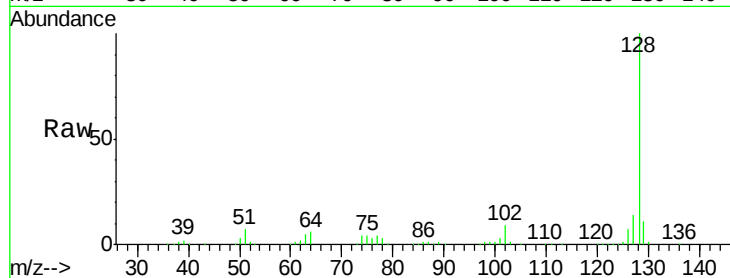
ClientSampleId :

CLEANSAND-11MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	689042		
129	11.0	8.8	13.2	
127	13.5	10.9	16.3	

Manual Integrations
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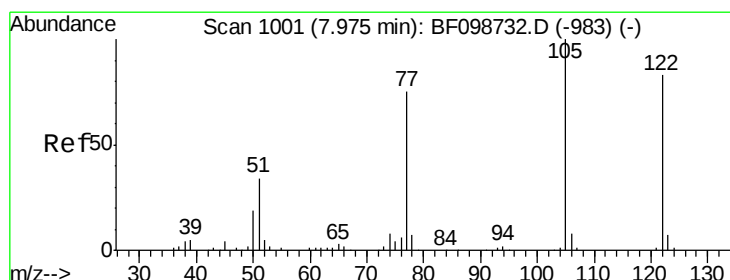
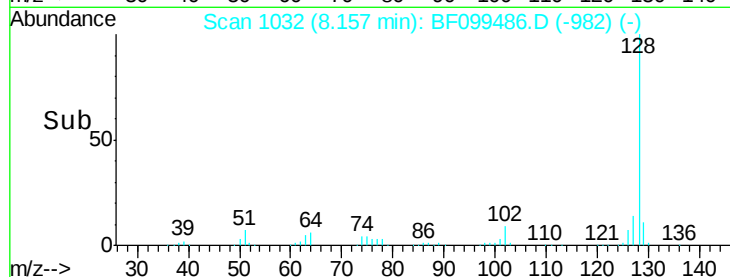
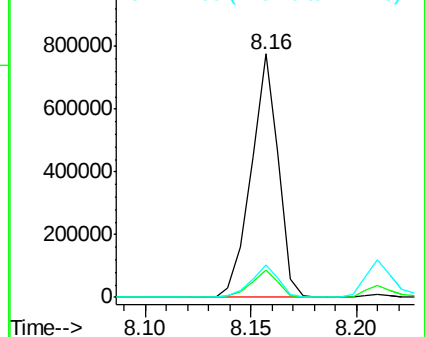


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 15.04 ng

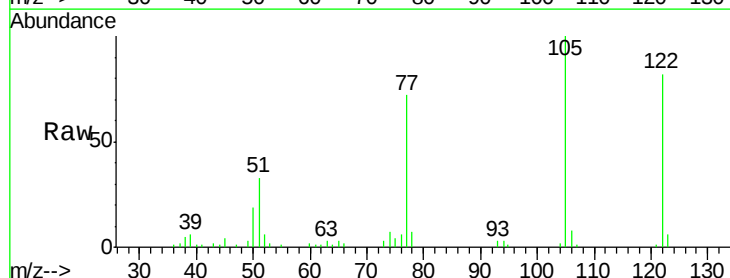
RT: 7.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	77857		
105	122.3	101.1	141.1	
77	87.7	70.7	110.7	

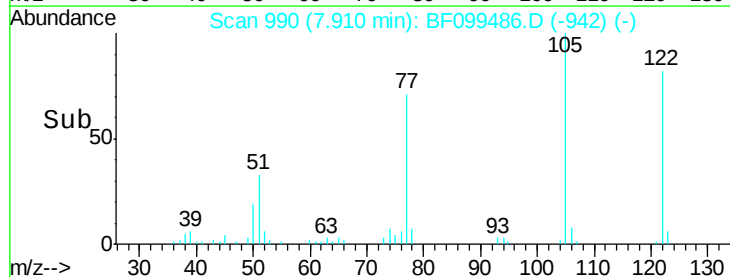
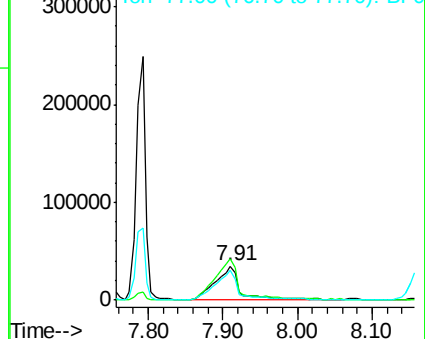


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





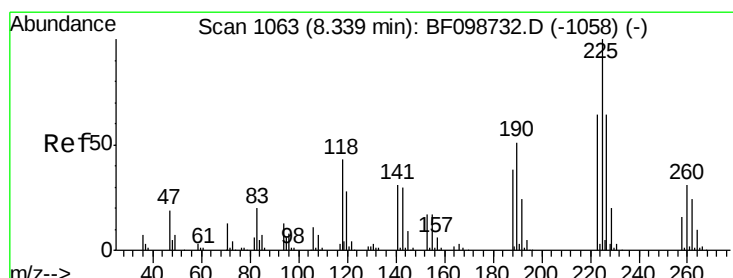
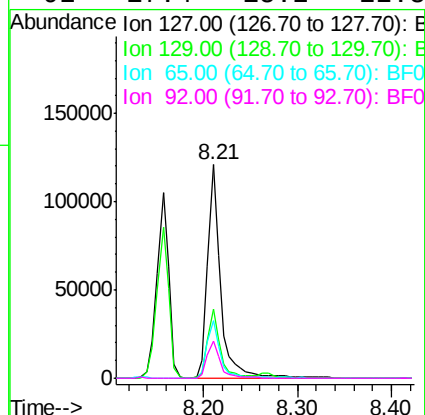
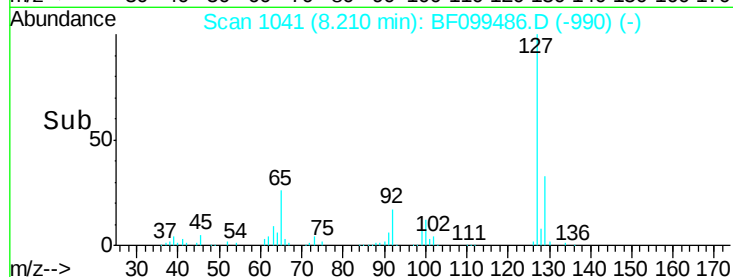
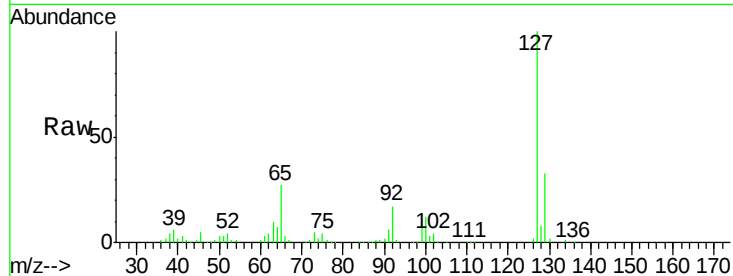
#33
4-Chloroaniline
Concen: 15.41 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	118614		
129	32.6	25.9	38.9	
65	27.1	25.0	37.4	
92	17.4	15.2	22.8	

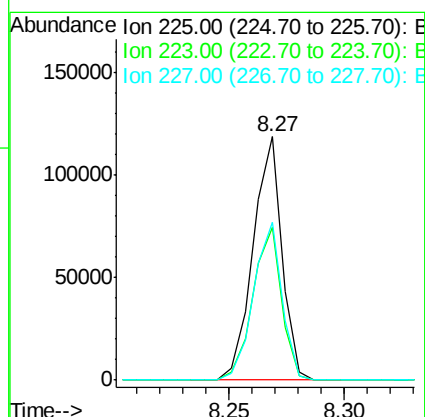
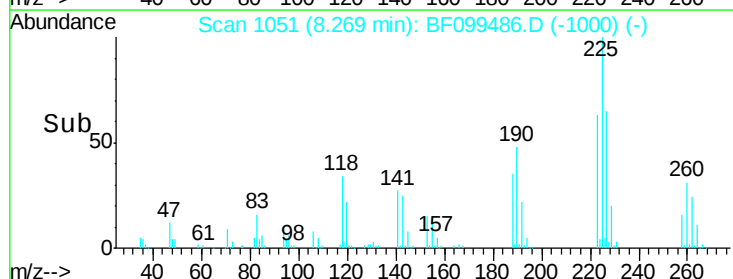
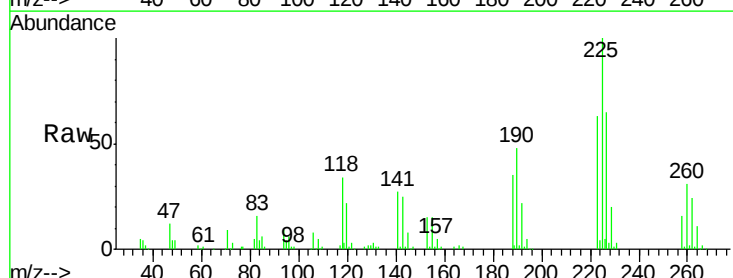
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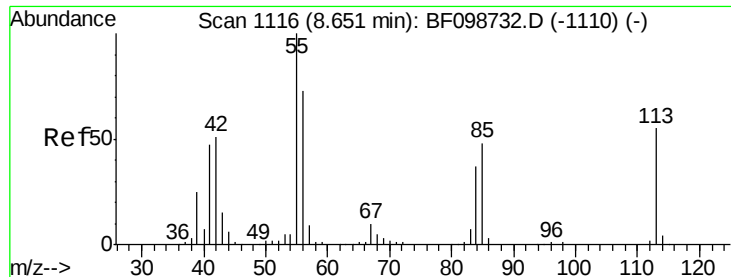
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#34
Hexachlorobutadiene
Concen: 37.10 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	103418		
223	62.9	50.6	76.0	
227	64.7	51.9	77.9	





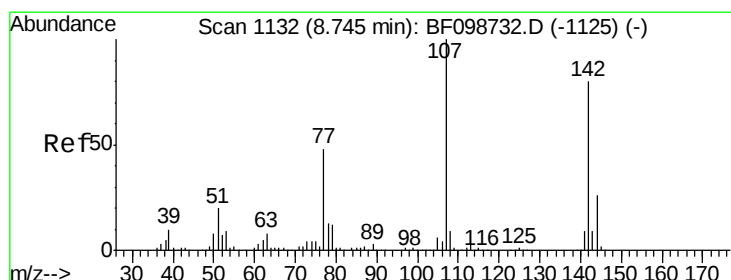
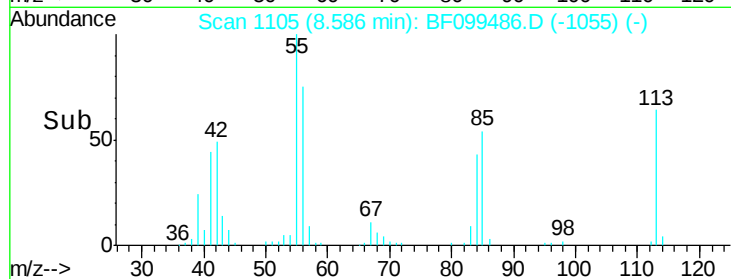
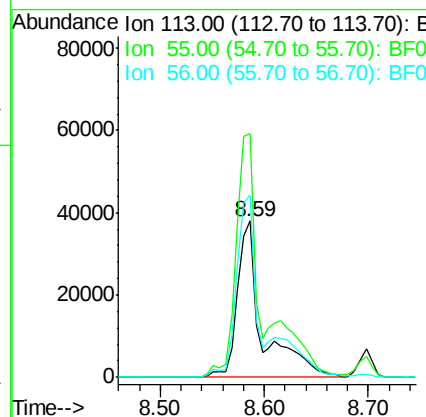
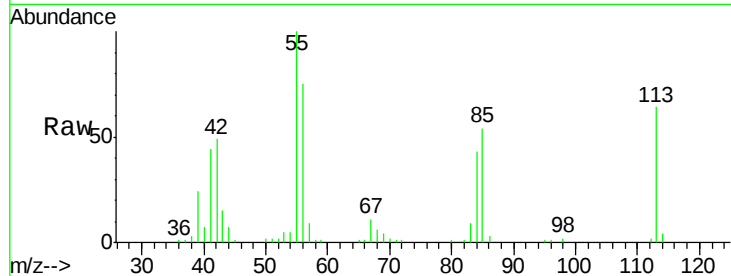
#35
 Caprolactam
 Concen: 36.24 ng m
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-11MS

Tgt Ion:113 Resp: 62907
 Ion Ratio Lower Upper
 113 100
 55 155.7 163.3 203.3#
 56 116.4 115.7 155.7

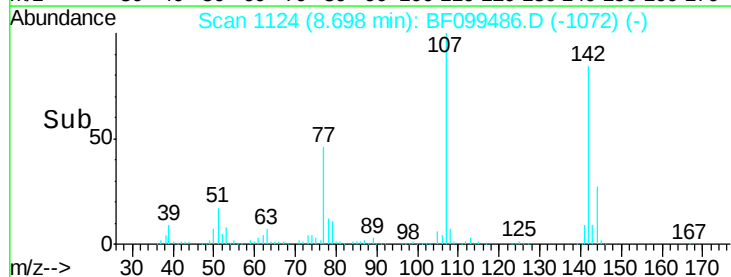
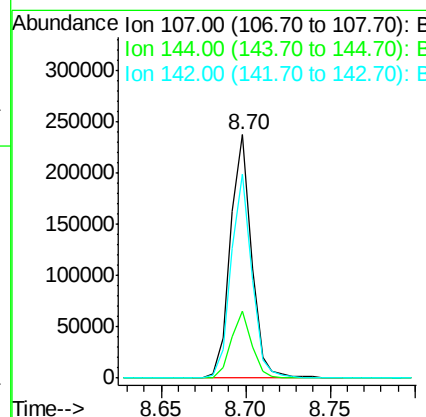
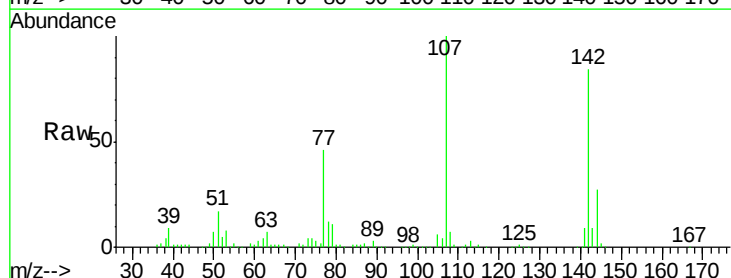
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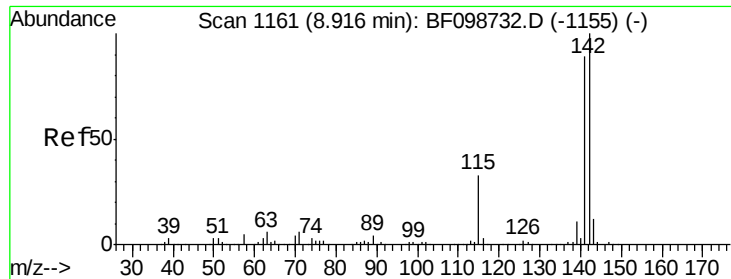
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#36
 4-Chloro-3-methylphenol
 Concen: 34.09 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion:107 Resp: 207313
 Ion Ratio Lower Upper
 107 100
 144 27.3 20.5 30.7
 142 84.0 62.0 93.0





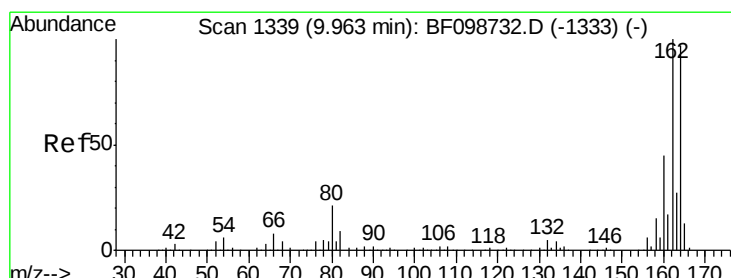
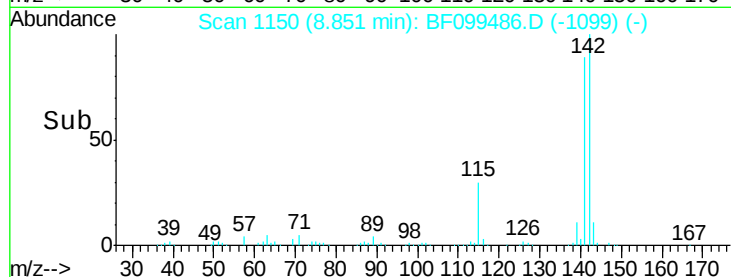
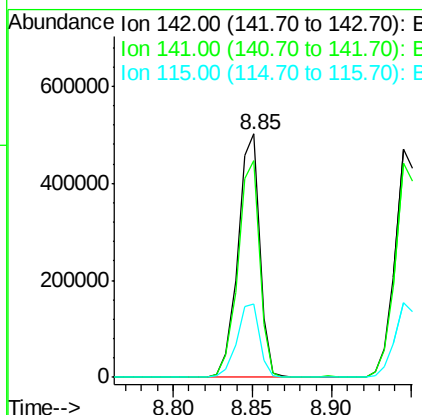
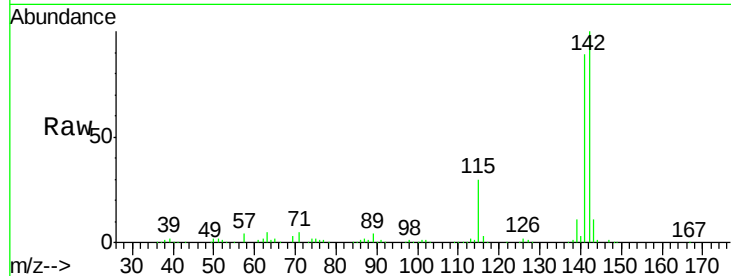
#37
 2-Methylnaphthalene
 Concen: 39.94 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-11MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	29.9	26.1	39.1

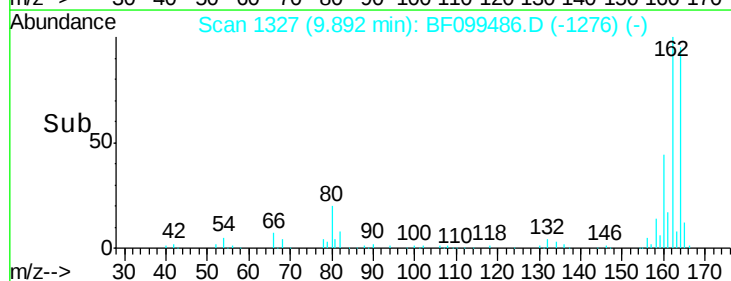
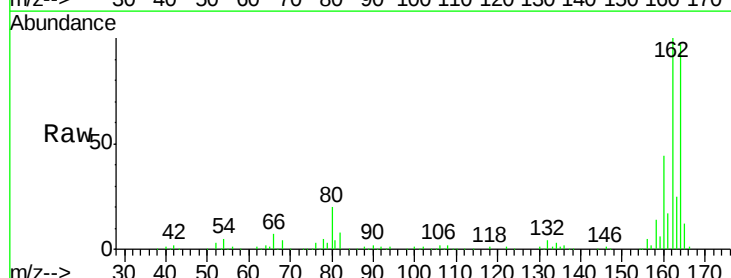
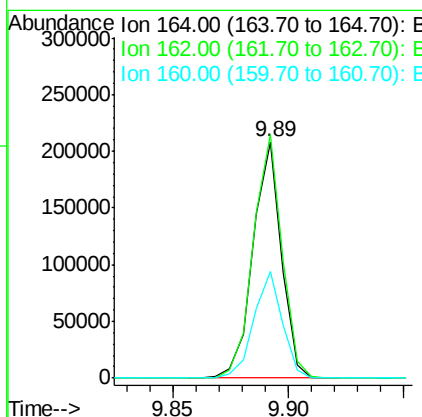
Manual Integrations
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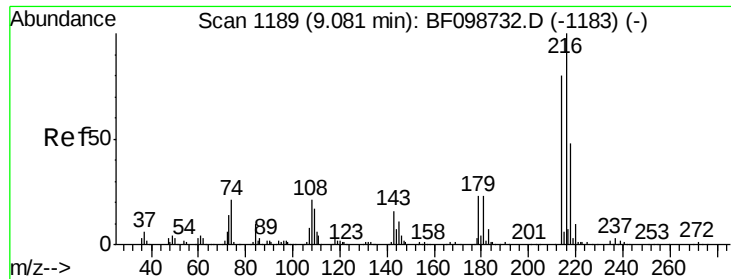
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	45.4	38.3	57.5





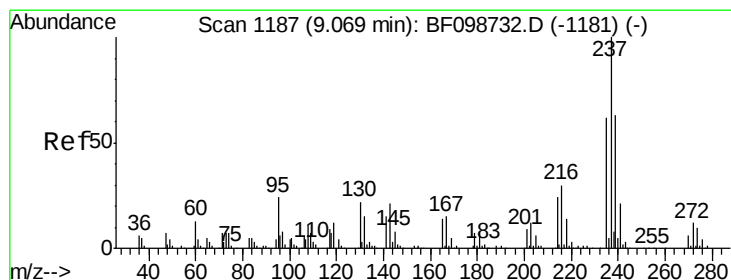
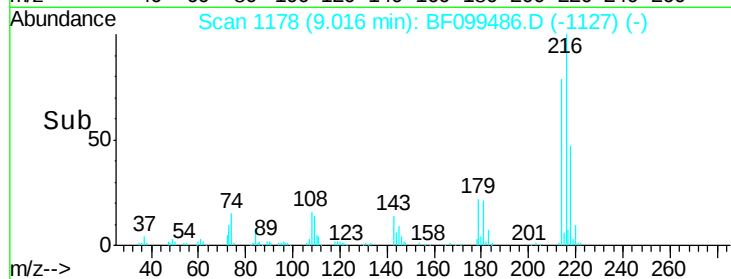
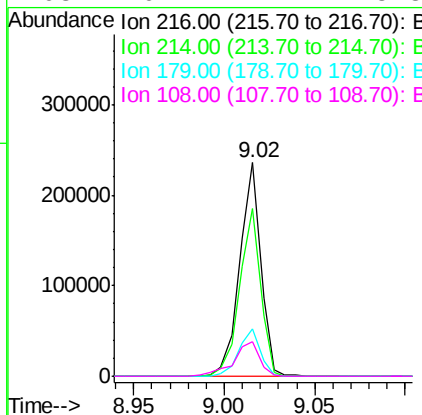
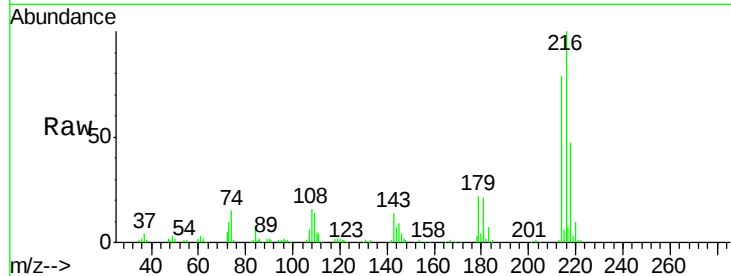
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.91 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-11MS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	22.3	18.1	27.1
108	20.1	17.2	25.8

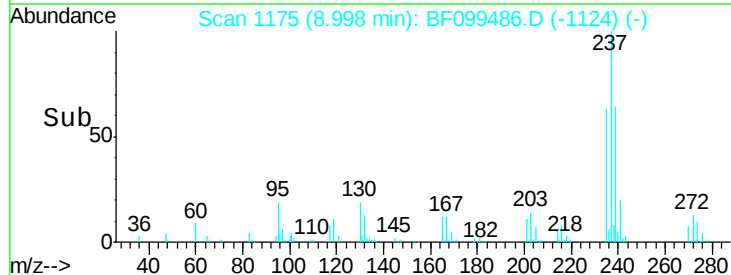
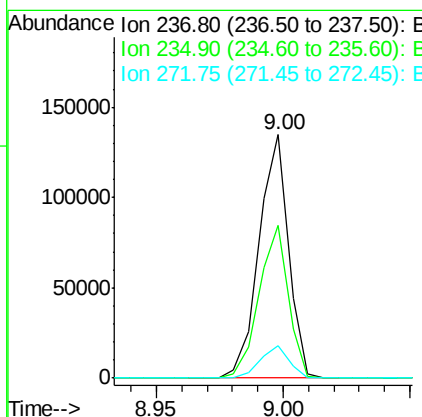
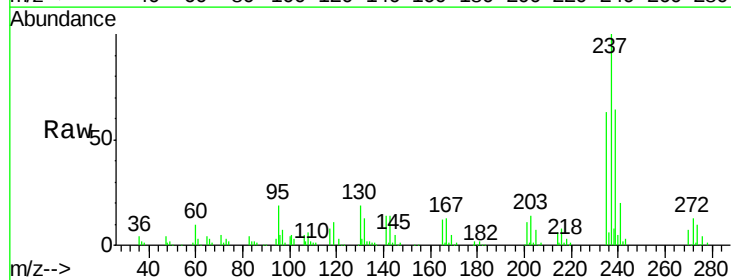
Manual Integrations
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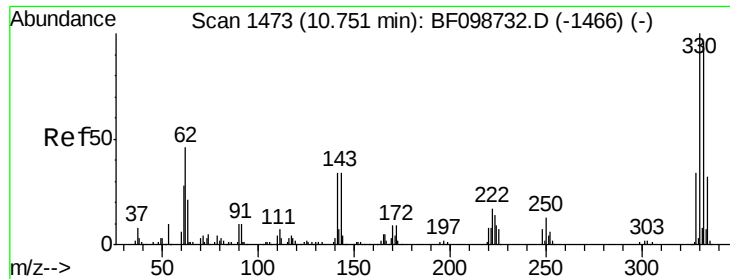
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 45.16 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.8	44.8	84.8
272	13.5	0.0	33.3





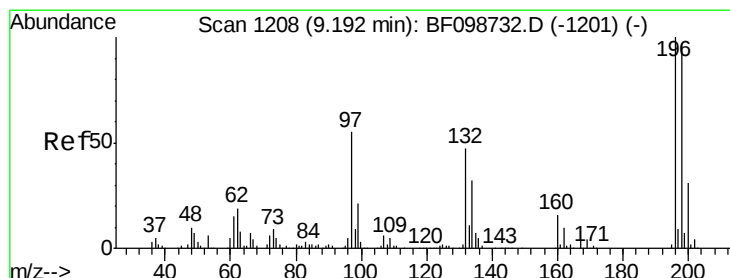
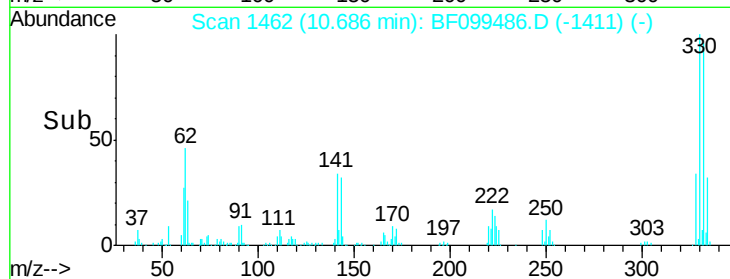
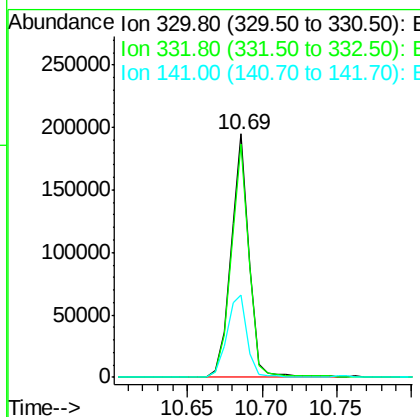
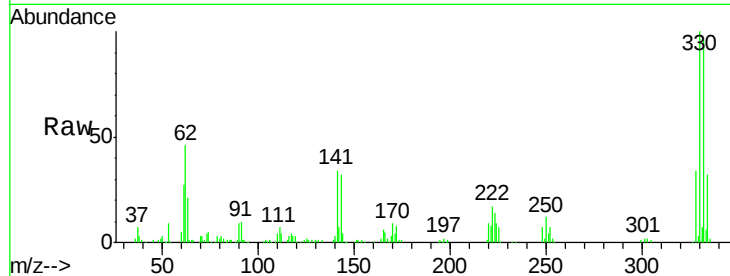
#41
 2,4,6-Tribromophenol
 Concen: 114.70 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-11MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	167321		
332	96.1	77.0	115.6	
141	38.8	29.9	44.9	

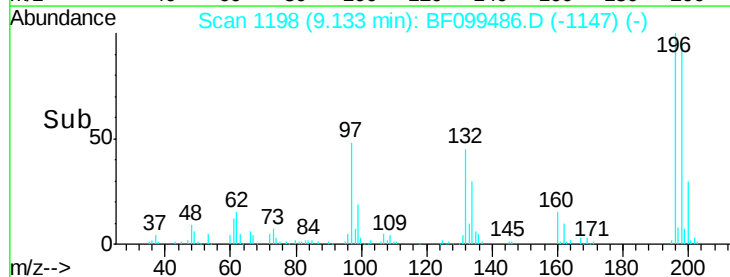
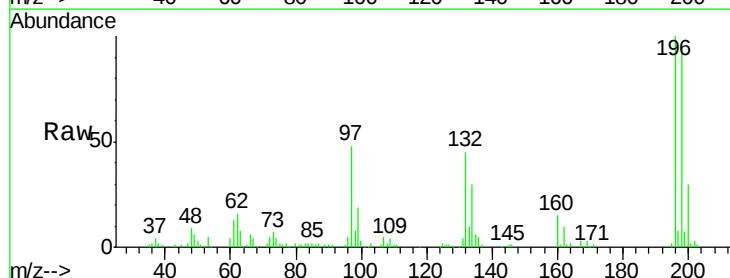
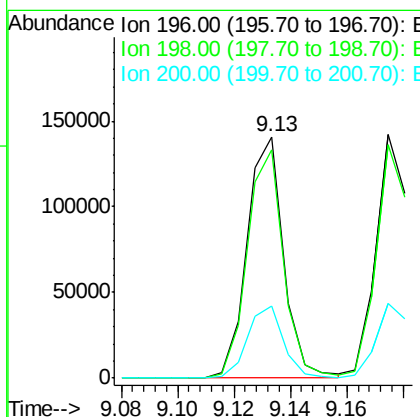
Manual Integrations
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 10/15/2017 12:41:26 PM



#42
 2,4,6-Trichlorophenol
 Concen: 33.40 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	125795		
198	94.5	75.7	113.5	
200	29.9	24.5	36.7	





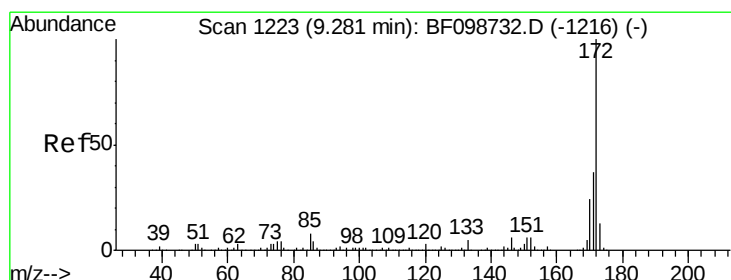
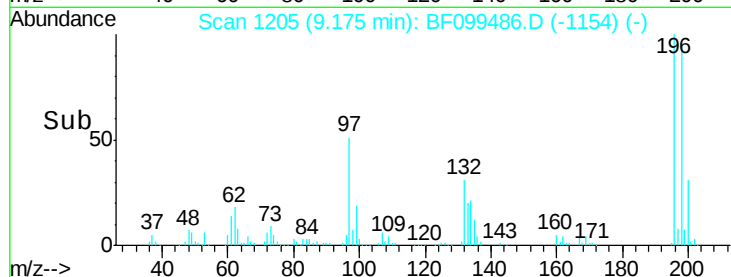
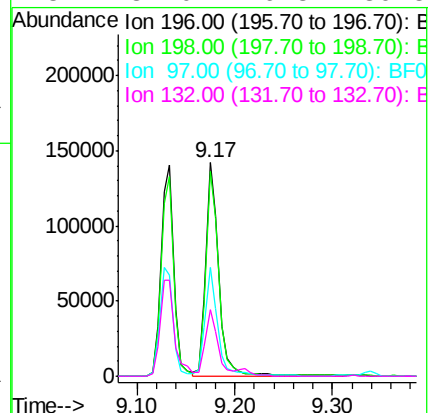
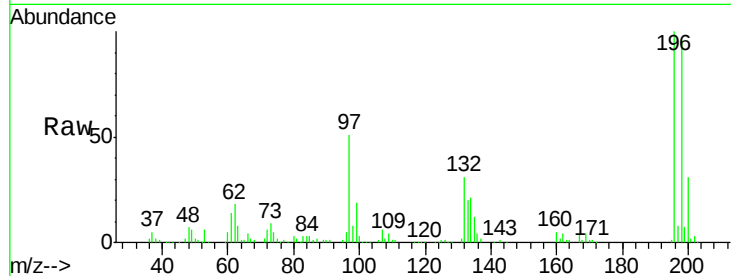
#43
 2,4,5-Trichlorophenol
 Concen: 34.84 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-11MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	131014		
198	96.0	74.6	112.0	
97	50.7	42.9	64.3	
132	31.0	26.3	39.5	

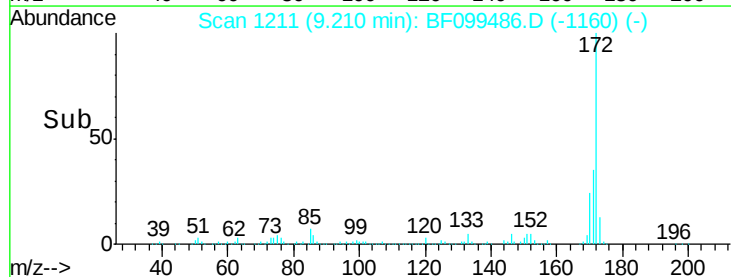
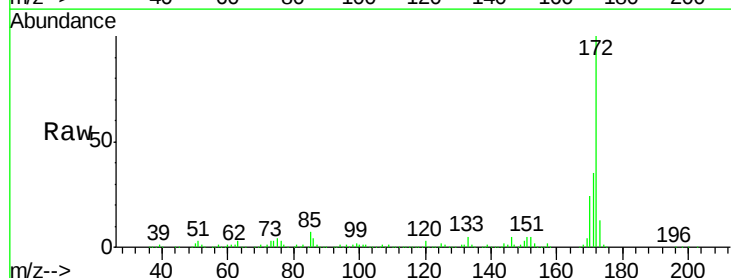
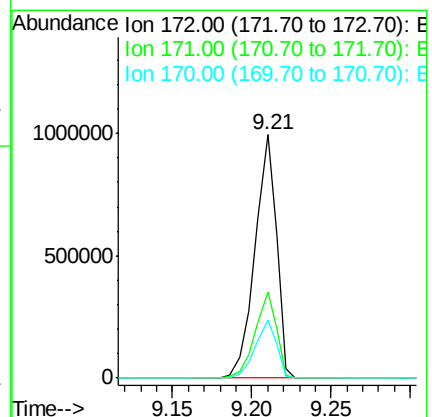
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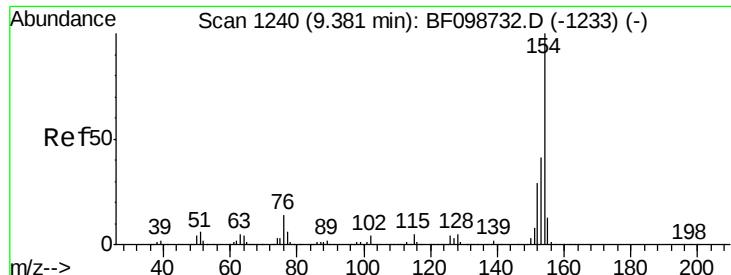
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#44
 2-Fluorobiphenyl
 Concen: 87.19 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	931101		
171	35.3	29.7	44.5	
170	23.7	19.6	29.4	





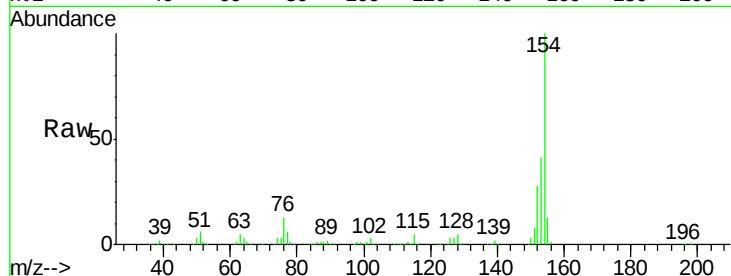
#45
1,1'-Biphenyl
Concen: 36.16 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MS

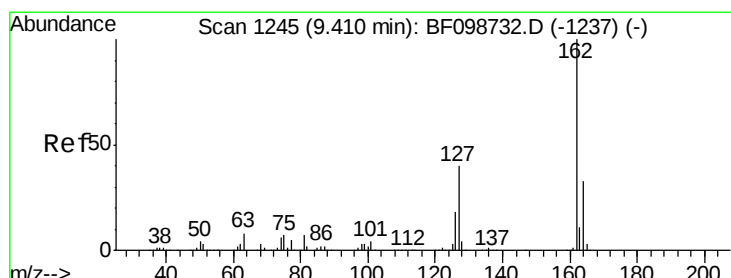
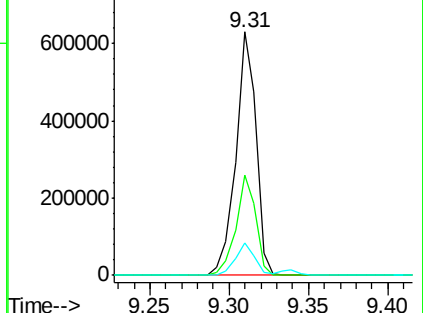
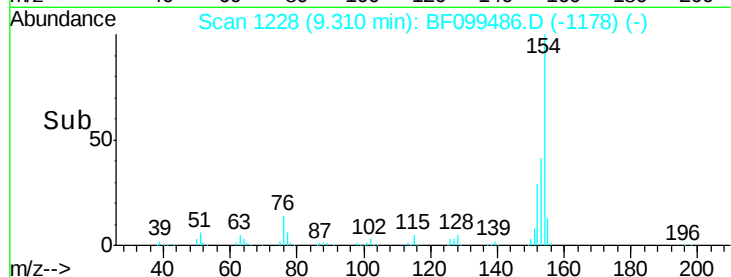
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	13.5	0.0	34.0

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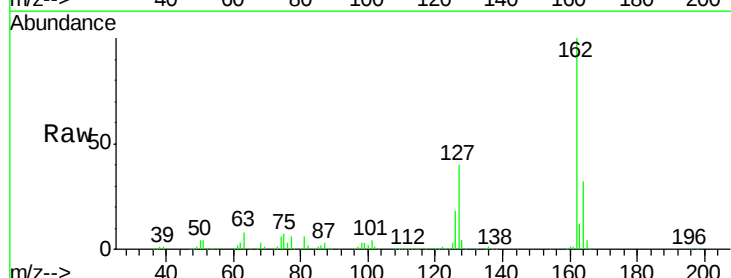


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

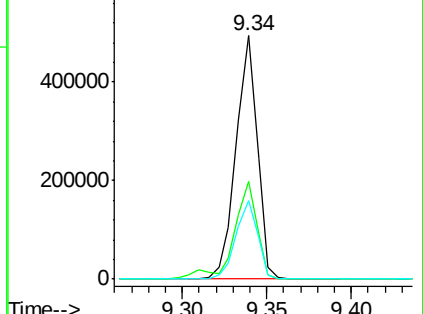
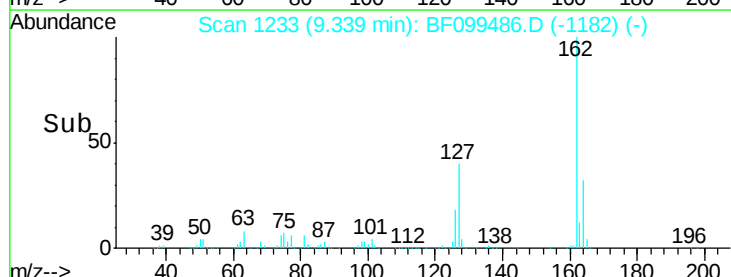


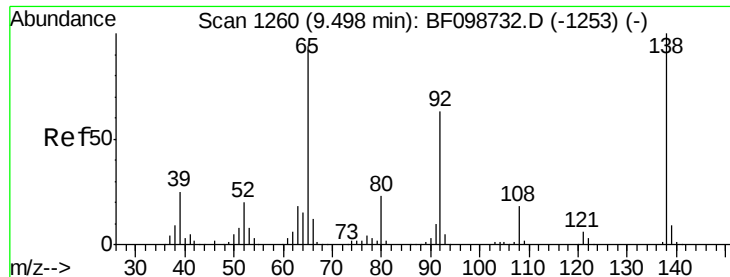
#46
2-Chloronaphthalene
Concen: 37.60 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.9	50.9
164	32.3	26.5	39.7



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





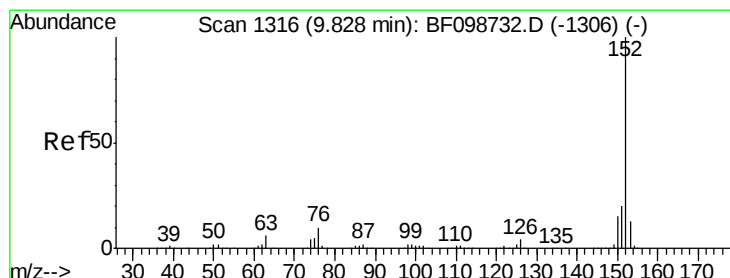
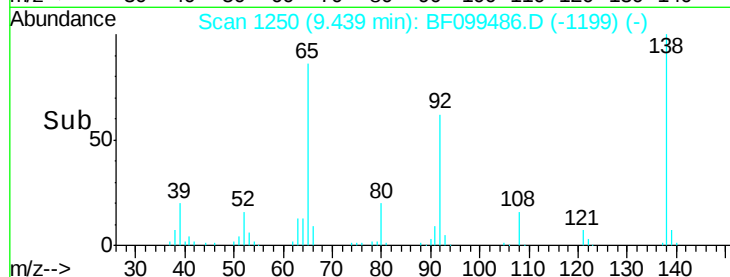
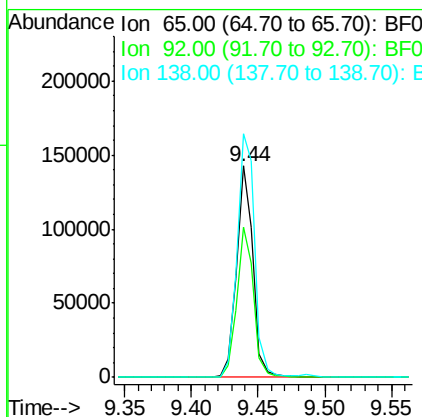
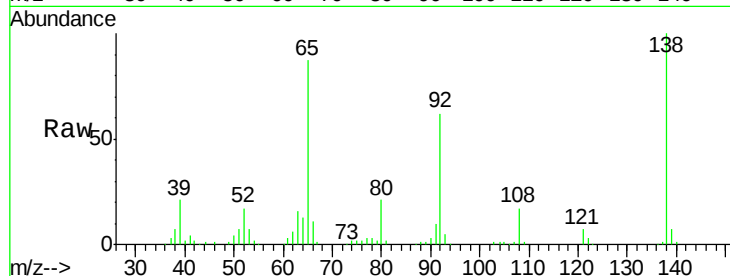
#47
2-Nitroaniline
Concen: 35.08 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	55.8	83.6
138	115.1	91.2	136.8

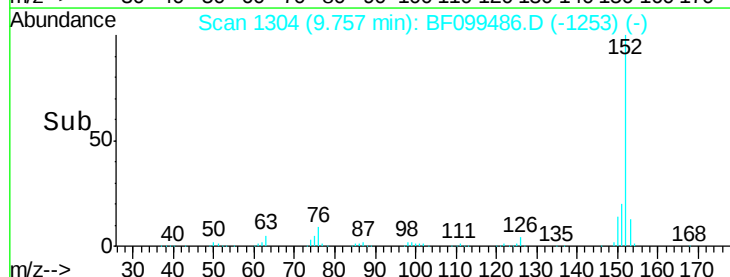
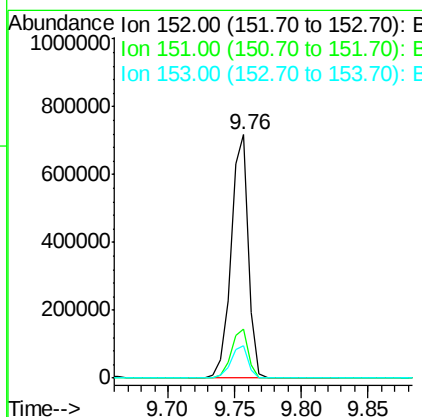
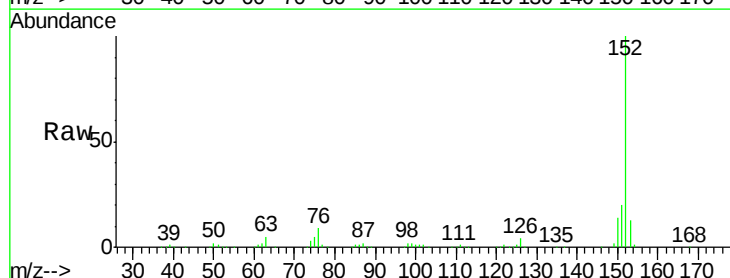
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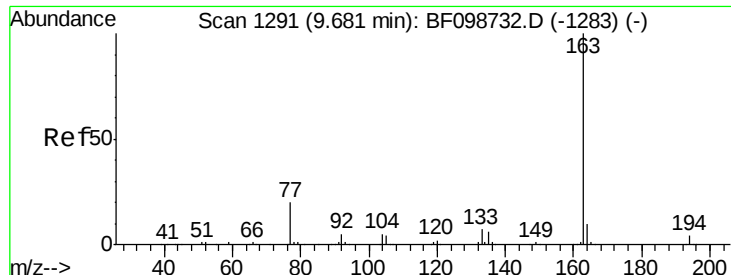
Sohil
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#48
Acenaphthylene
Concen: 37.11 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.1	10.7	16.1





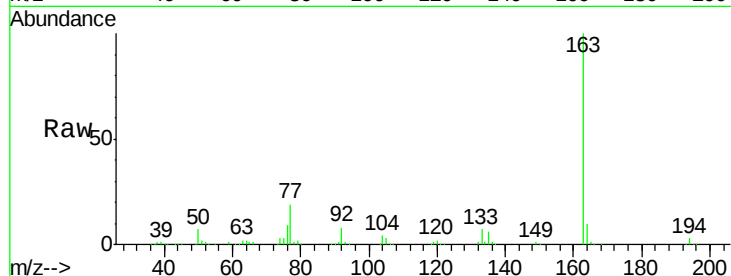
#49
Dimethylphthalate
Concen: 48.70 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MS

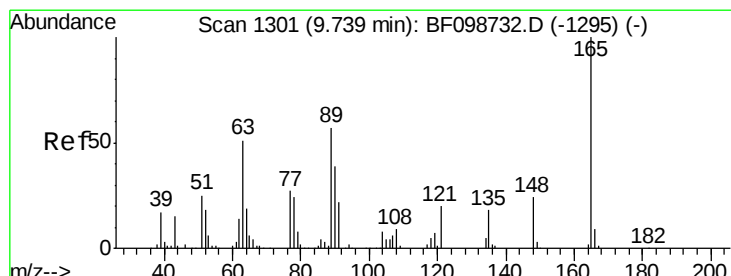
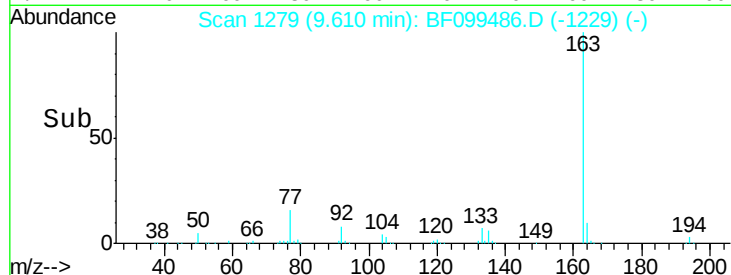
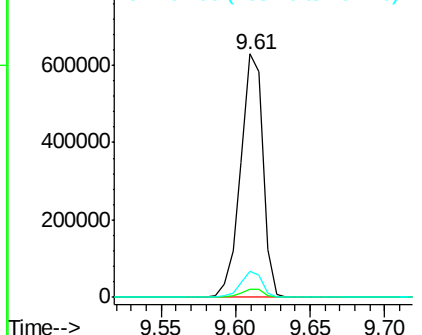
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	655228		
194	3.4	2.7	4.1	
164	10.4	8.2	12.2	

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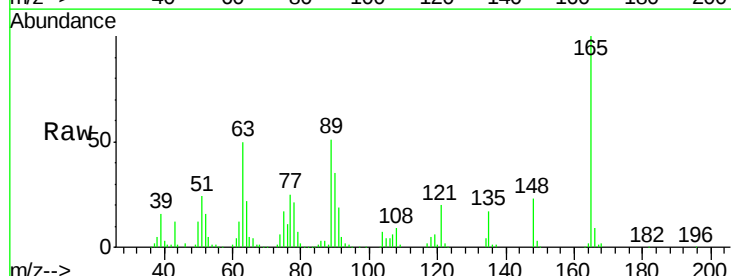


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

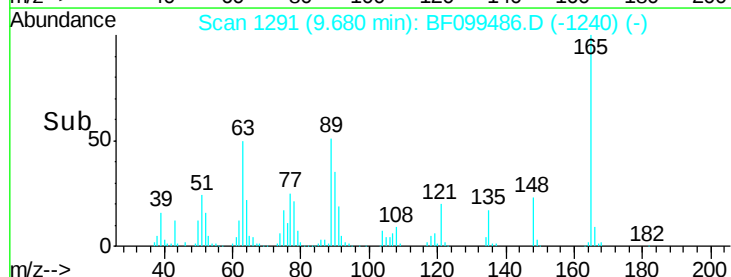
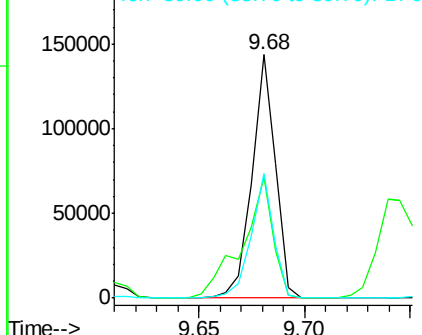


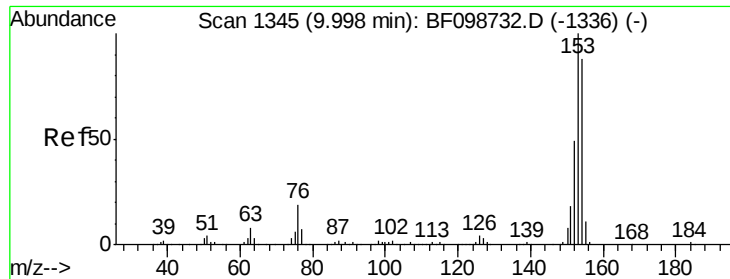
#50
2,6-Dinitrotoluene
Concen: 37.88 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	110955		
63	49.7	44.7	67.1	
89	50.9	44.0	66.0	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.52 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

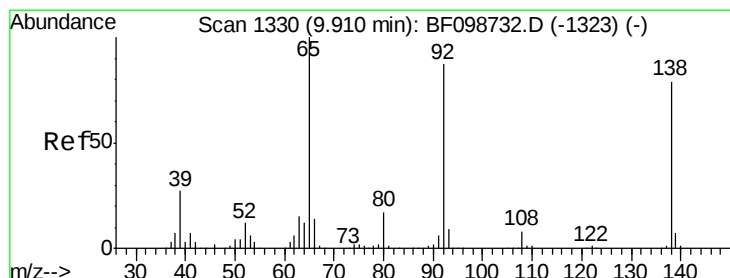
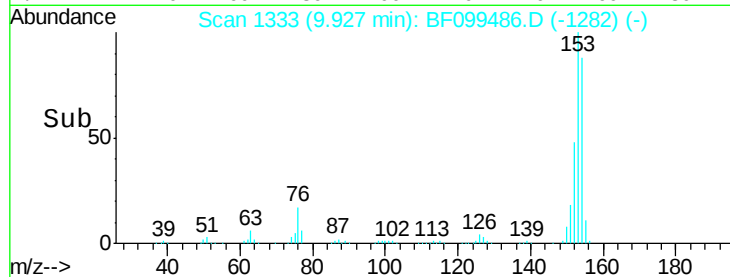
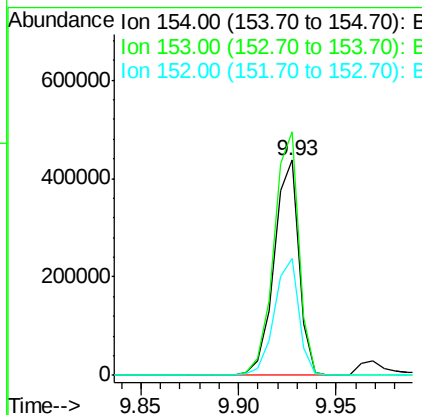
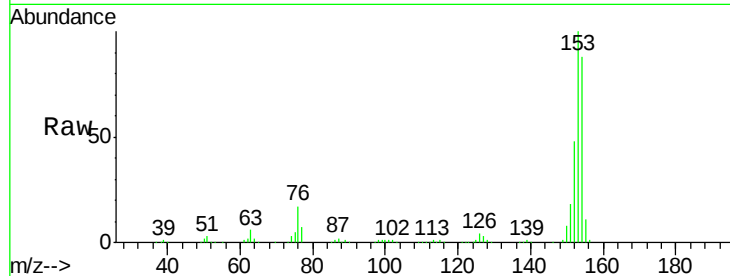
ClientSampleId :

CLEANSAND-11MS

Tgt Ion:	154	Resp:	385079
Ion Ratio	Lower	Upper	
154	100		
153	113.1	91.2	136.8
152	54.4	43.8	65.8

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#52

3-Nitroaniline

Concen: 23.25 ng

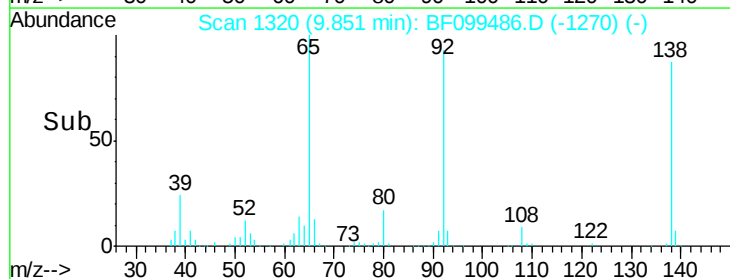
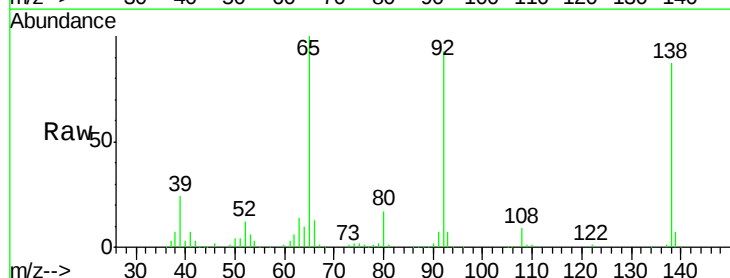
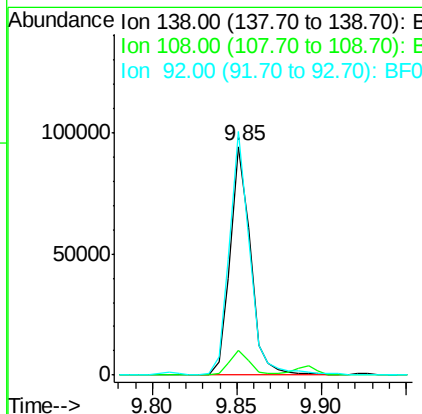
RT: 9.85 min Scan# 1320

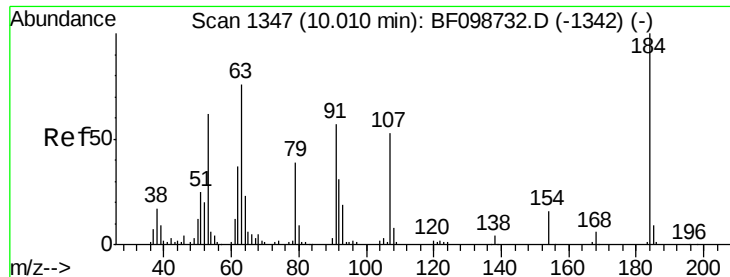
Delta R.T. -0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Tgt Ion:	138	Resp:	79400
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.0
92	106.5	89.4	134.2





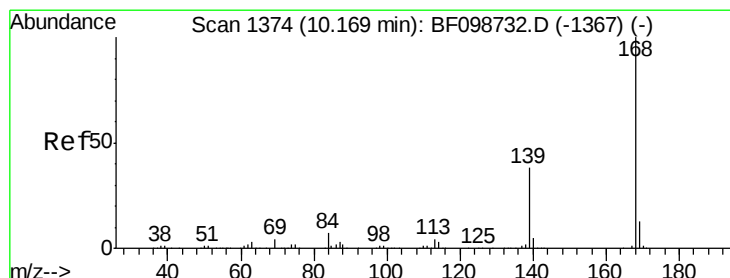
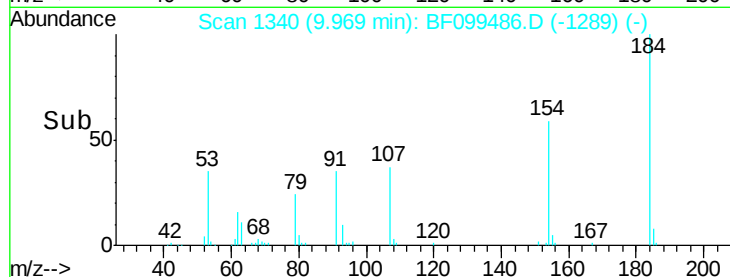
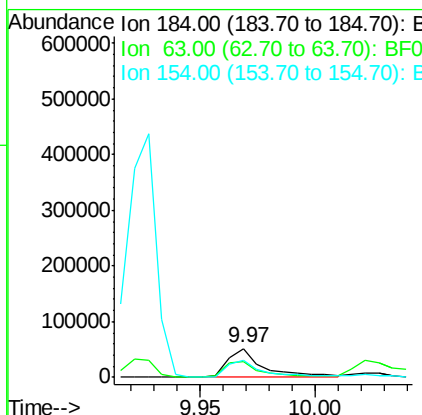
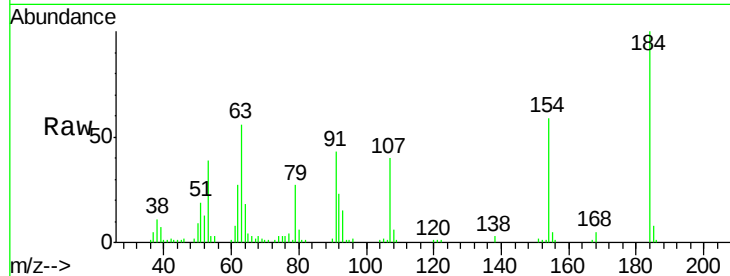
#53
2,4-Dinitrophenol
Concen: 39.07 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	54679		
63	55.9	54.2	81.2	
154	59.1	53.5	80.3	

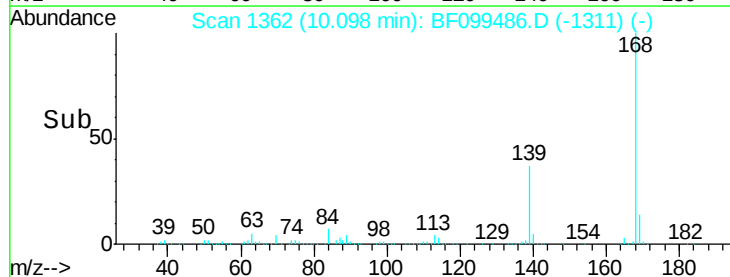
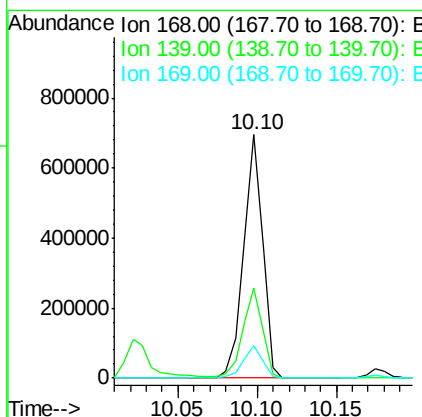
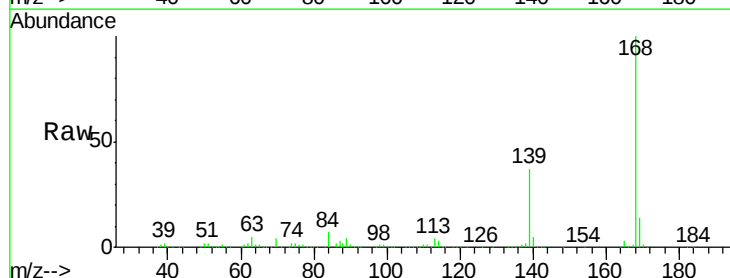
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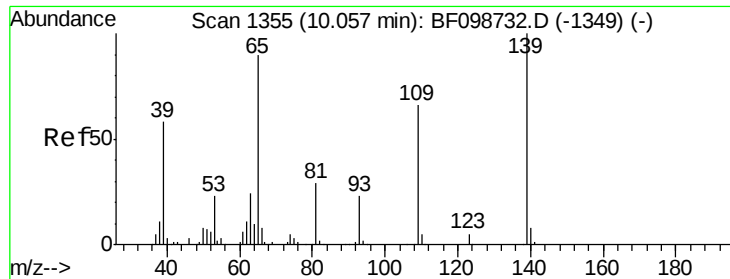
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#54
Dibenzofuran
Concen: 38.67 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	574319		
139	37.0	30.1	45.1	
169	13.5	10.9	16.3	





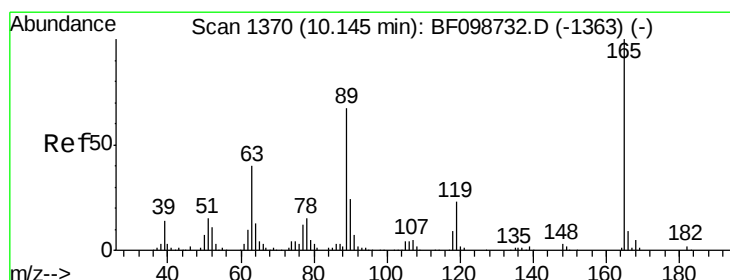
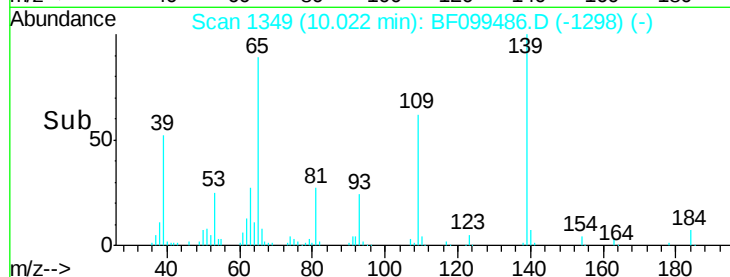
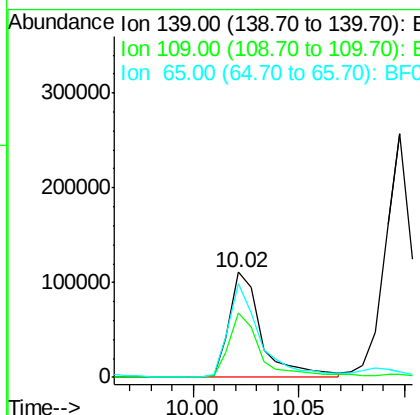
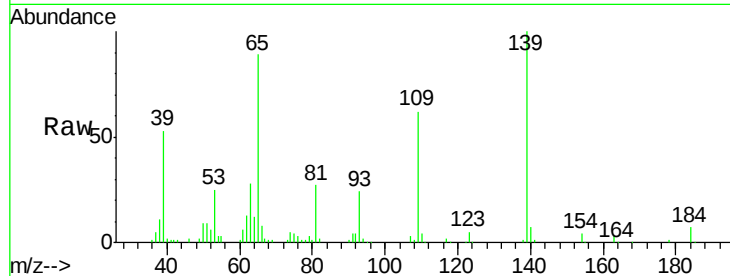
#55
4-Nitrophenol
Concen: 40.64 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	117385		
109	61.8	48.4	88.4	
65	88.8	72.6	112.6	

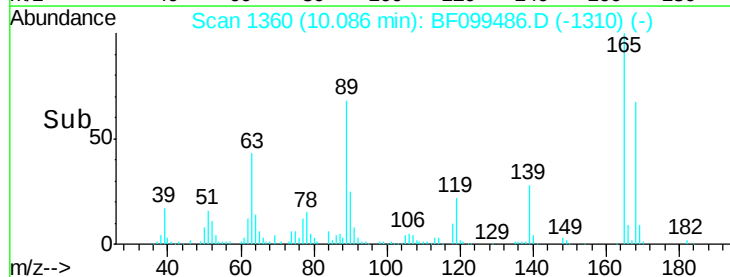
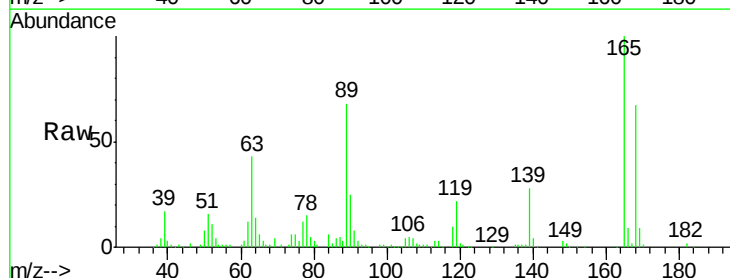
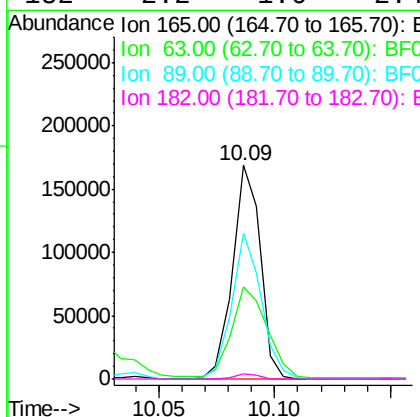
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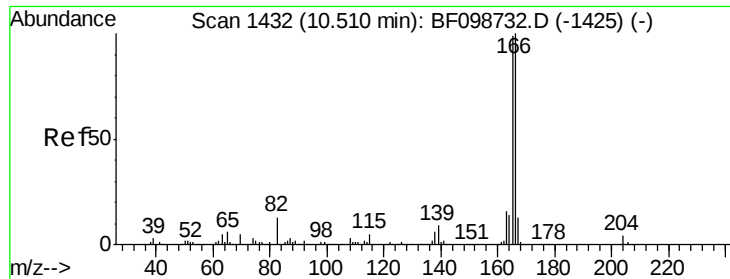
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#56
2,4-Dinitrotoluene
Concen: 37.17 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	141310		
63	43.4	36.4	54.6	
89	68.3	57.8	86.6	
182	2.2	1.6	2.4	





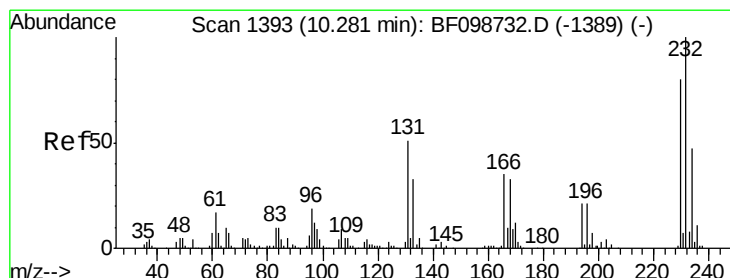
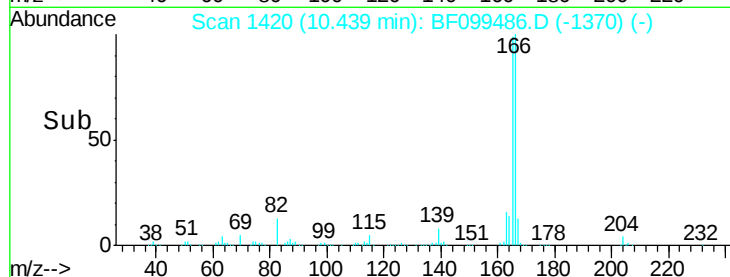
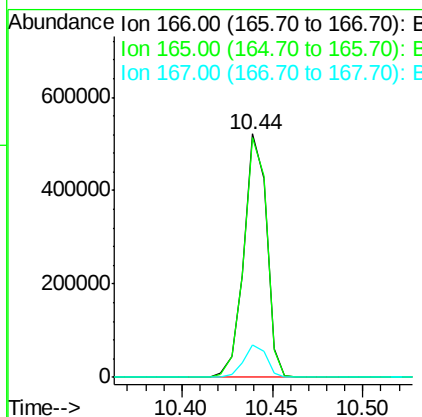
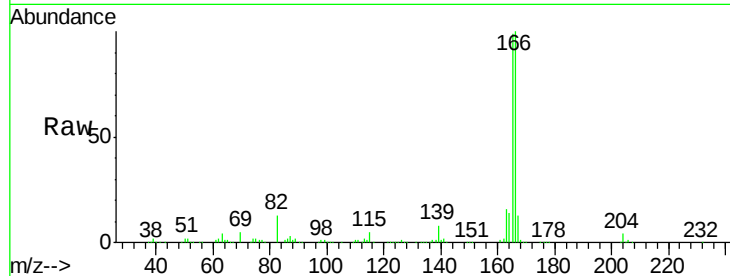
#57
 Fluorene
 Concen: 38.01 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-11MS

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.8
167	13.5	10.6	16.0

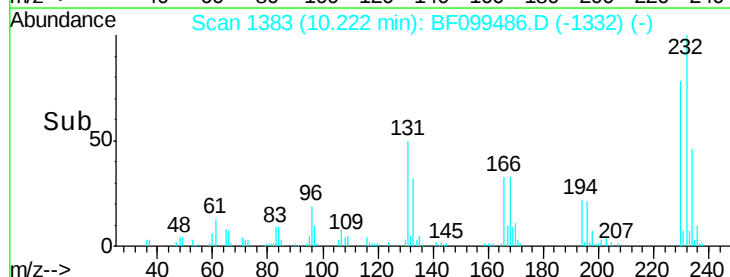
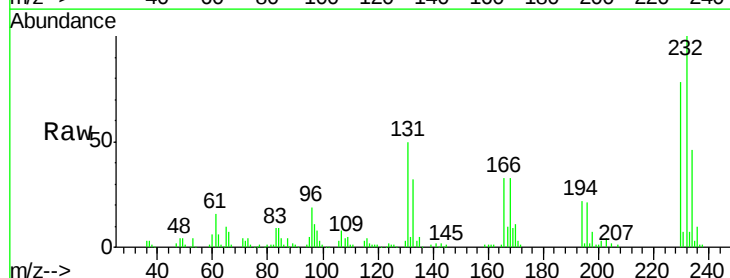
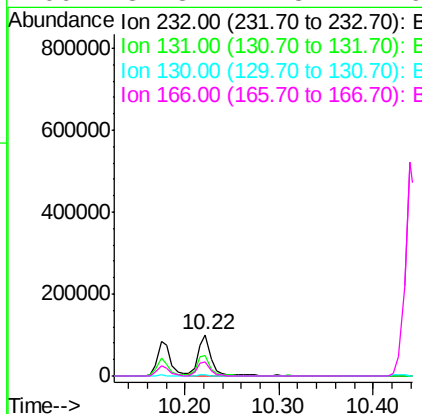
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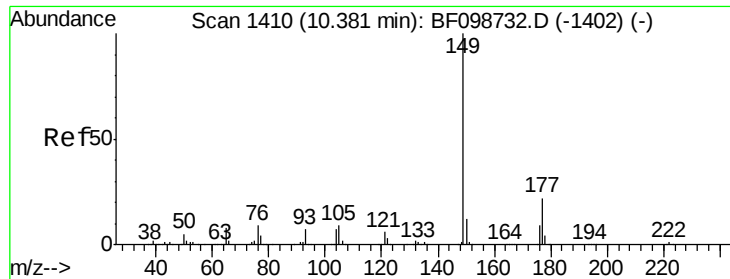
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.05 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.0	43.8	65.8
130	2.3	2.1	3.1
166	34.3	27.8	41.6





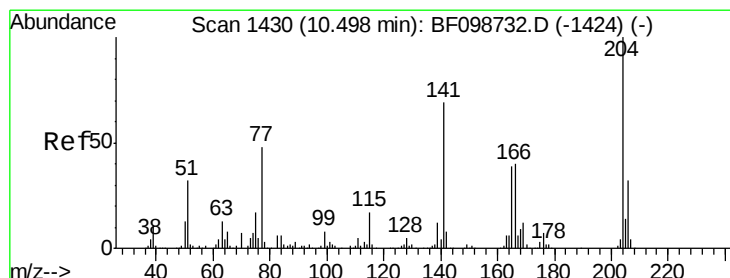
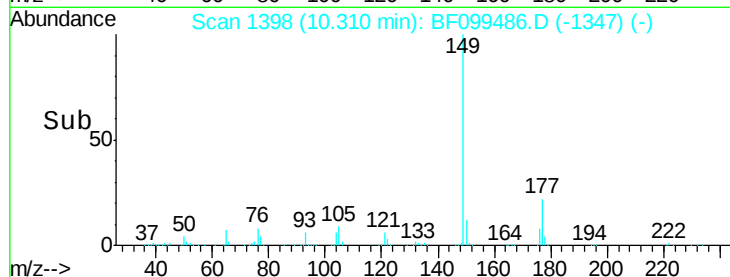
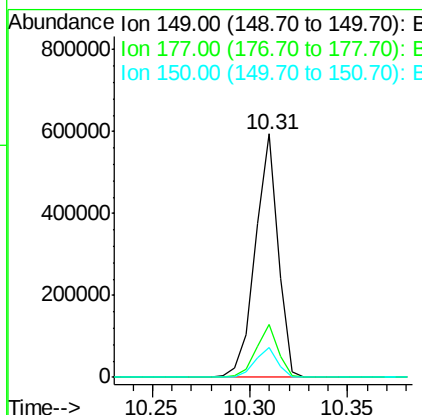
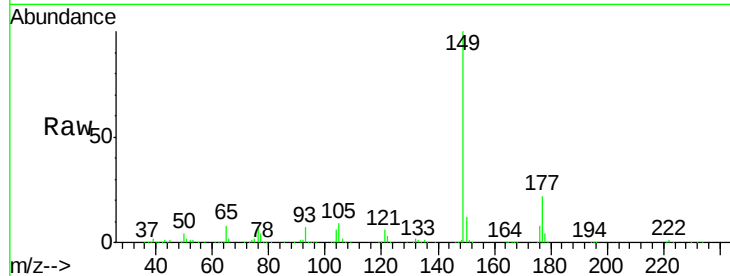
#59
Diethylphthalate
Concen: 36.56 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.7	16.1	24.1
150	12.1	10.1	15.1

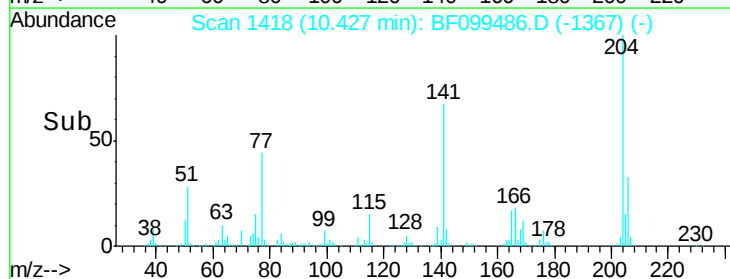
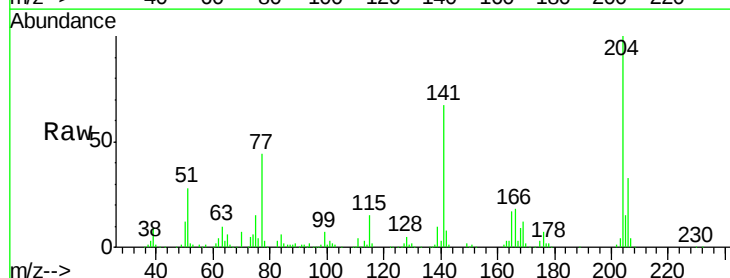
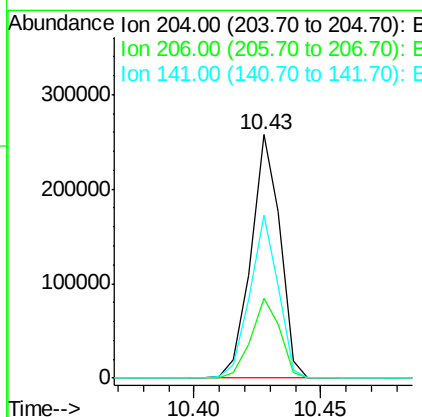
Manual Integrations
APPROVED

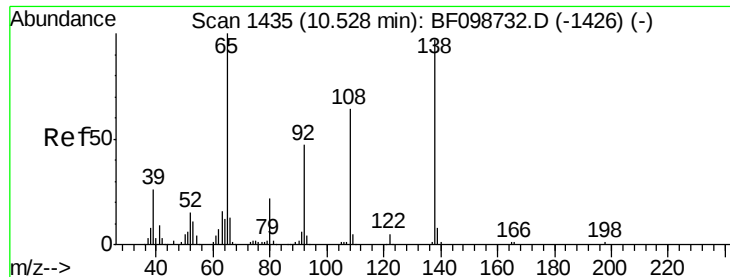
Sohil
10/15/2017 12:41:26 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.38 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.6	26.5	39.7
141	67.1	54.6	81.8





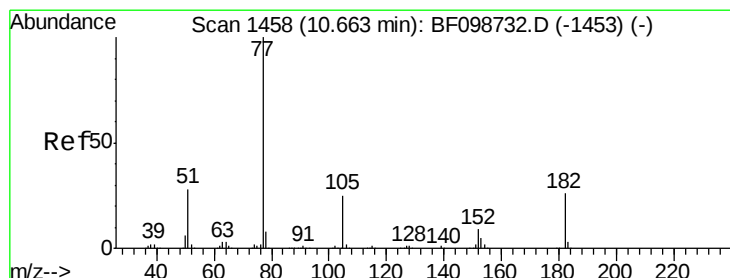
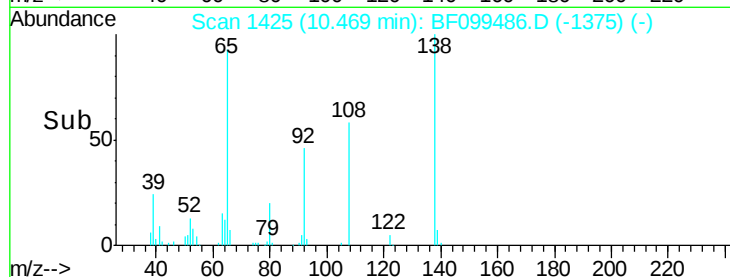
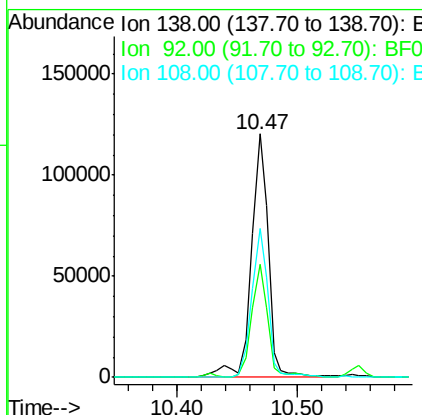
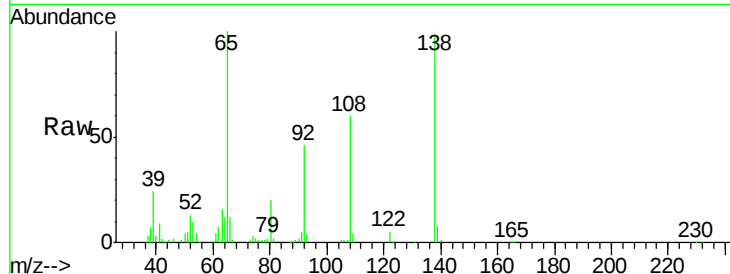
#61
4-Nitroaniline
Concen: 36.19 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.4	30.2	70.2
108	61.3	52.5	92.5

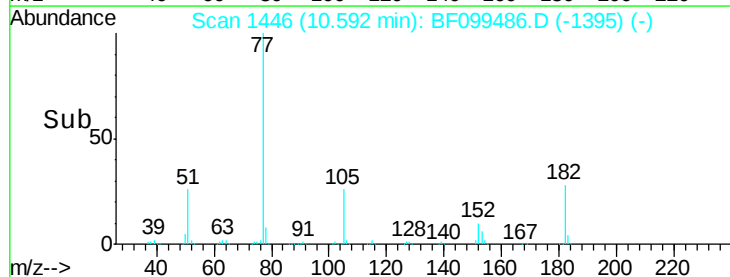
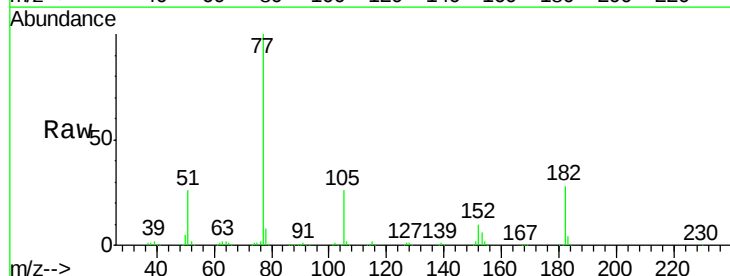
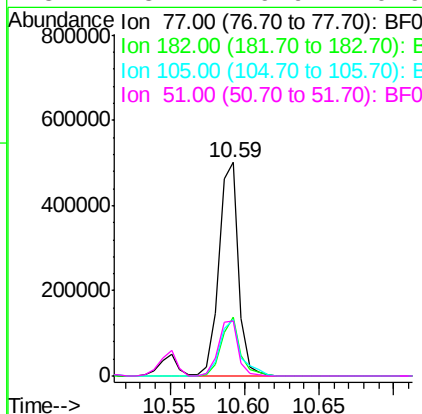
Manual Integrations
APPROVED

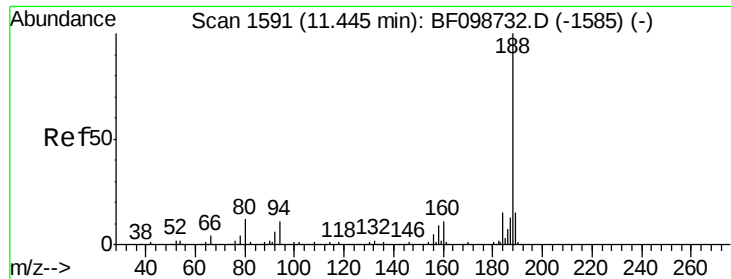
Sohil
10/15/2017 12:41:26 PM



#62
Azobenzene
Concen: 38.09 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.7	1.7	41.7
105	26.1	3.0	43.0
51	25.7	9.9	49.9





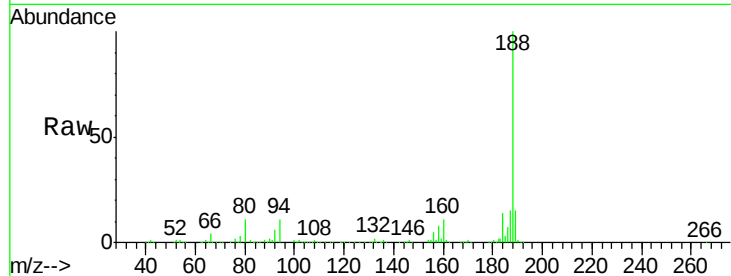
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	306124		
94	10.6	8.5	12.7	
80	11.2	9.2	13.8	

Manual Integrations
APPROVED

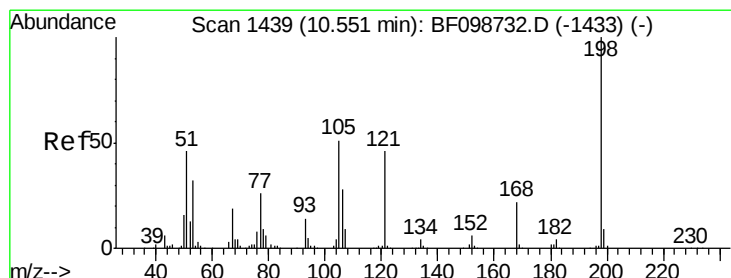
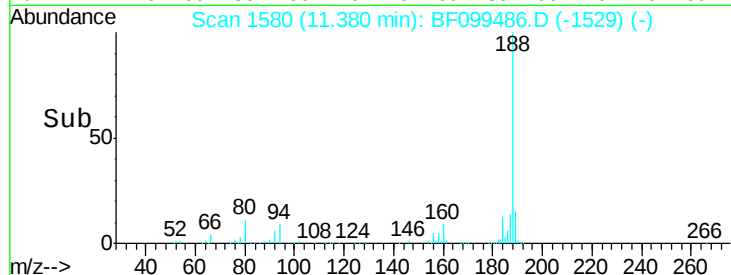
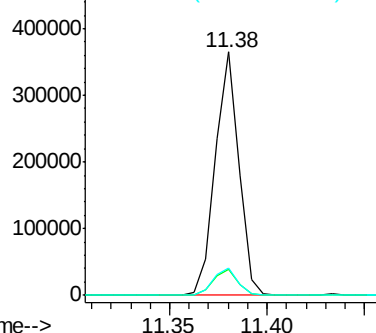
Sohil
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Abundance Ion 188.00 (187.70 to 188.70): E

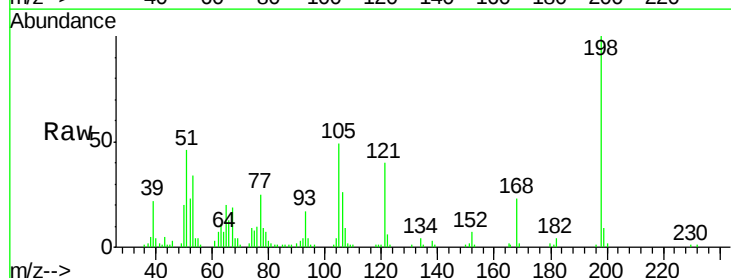
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 27.79 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

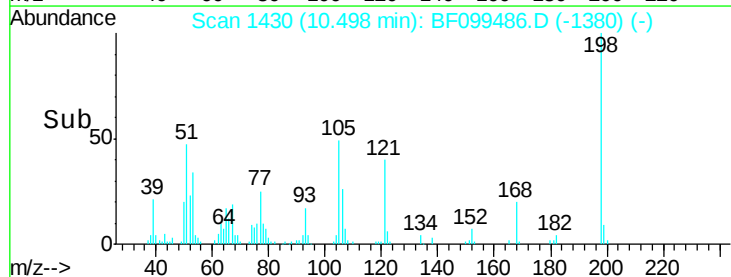
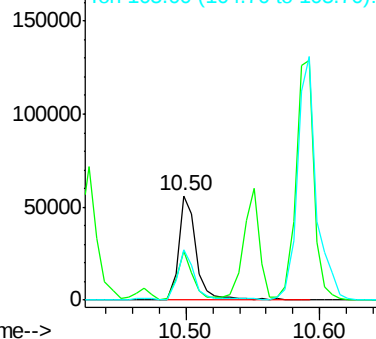
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	51755		
51	46.5	37.7	77.7	
105	48.8	36.3	76.3	

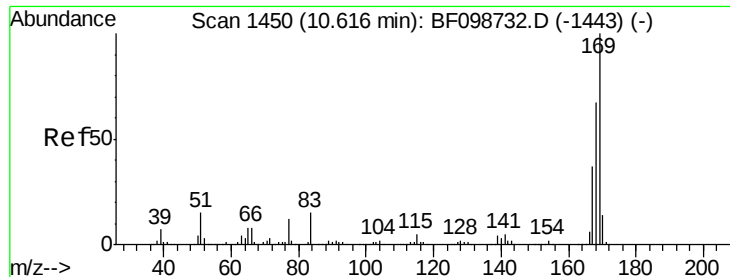


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.78 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

ClientSampleId :

CLEANSAND-11MS

Tgt Ion:169 Resp: 400607

Ion Ratio Lower Upper

169 100

168 67.8 54.4 81.6

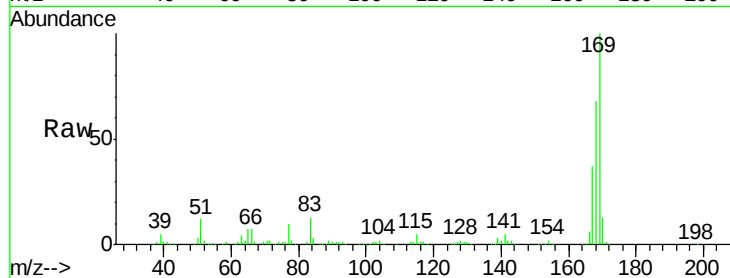
167 36.8 29.8 44.6

Manual Integrations

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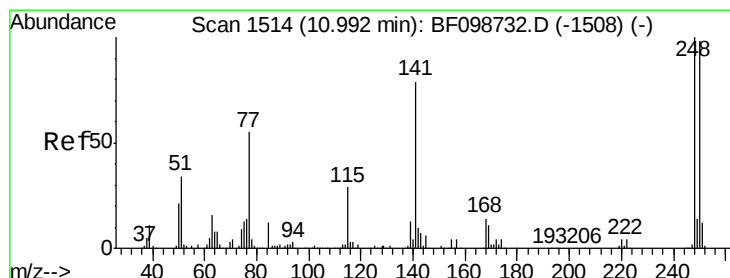
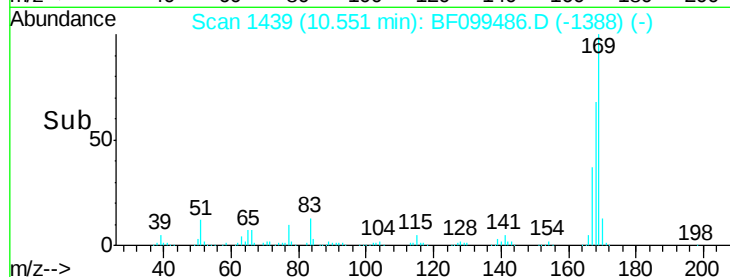
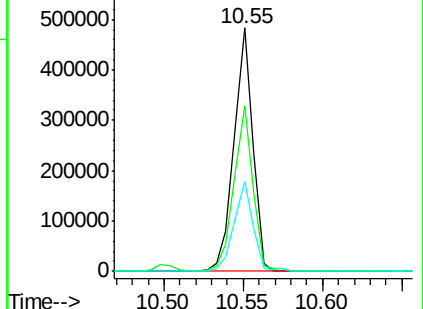
10/15/2017 12:41:26 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.36 ng

RT: 10.92 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

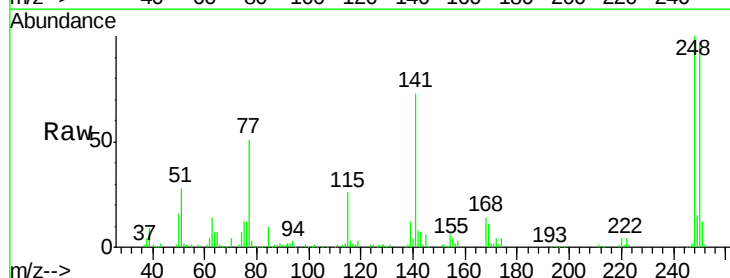
Tgt Ion:248 Resp: 117955

Ion Ratio Lower Upper

248 100

250 96.6 76.9 115.3

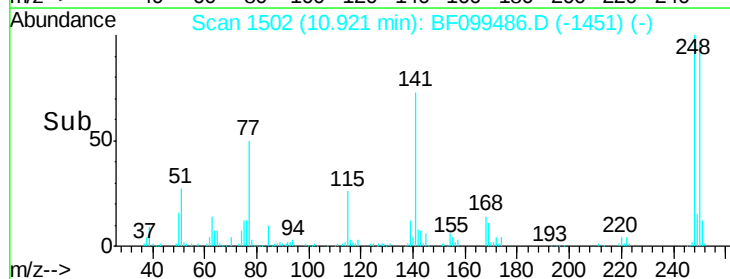
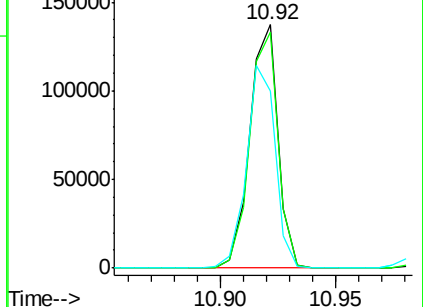
141 72.8 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





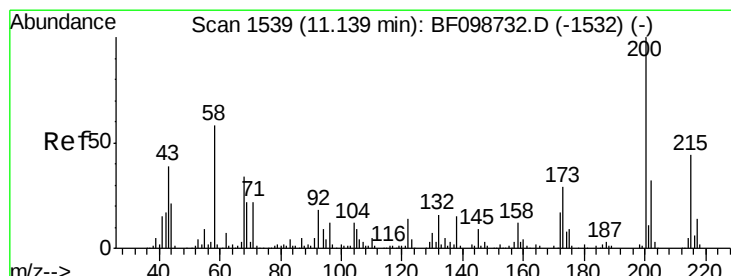
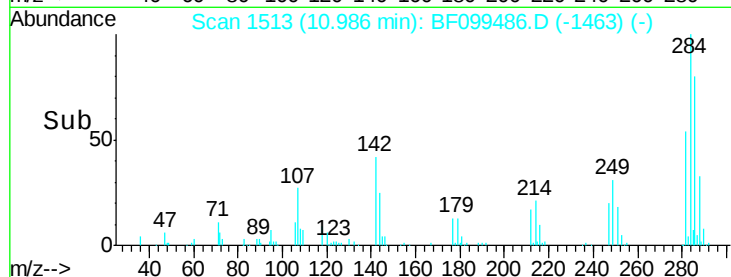
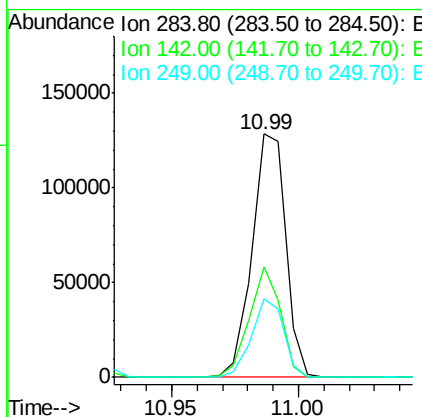
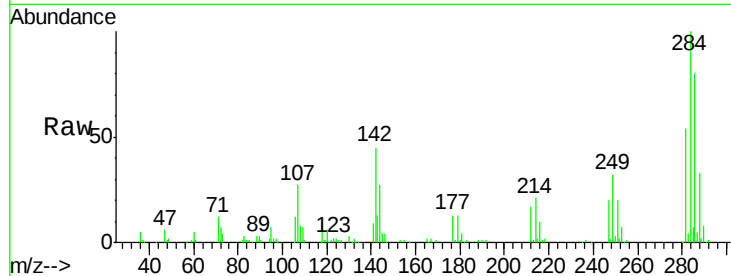
#67
Hexachlorobenzene
Concen: 37.28 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	119323		
142	45.3	34.6	52.0	
249	32.2	24.8	37.2	

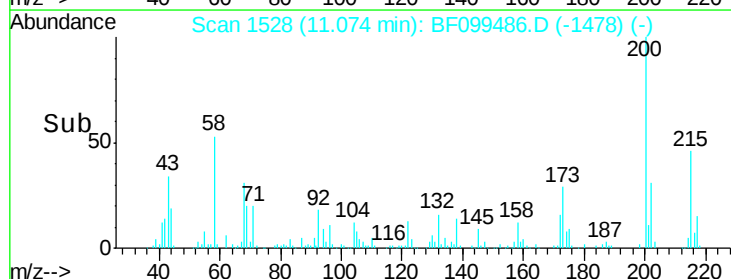
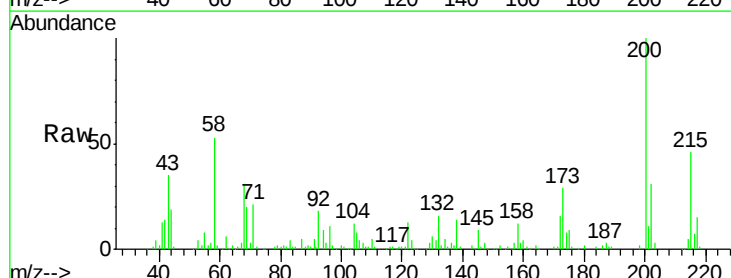
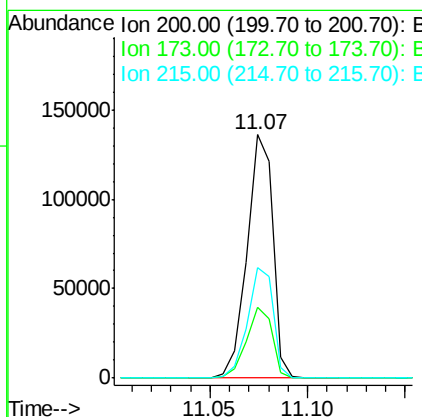
Manual Integrations
APPROVED

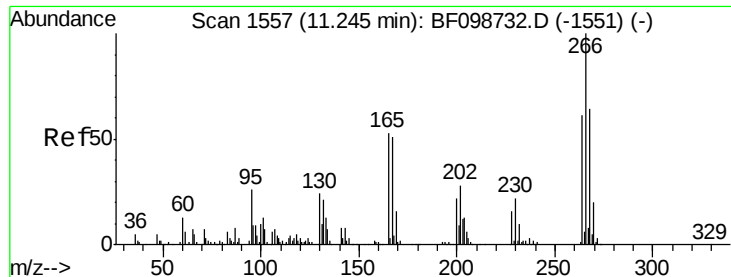
Sohil
10/15/2017 12:41:26 PM



#68
Atrazine
Concen: 39.01 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	124486		
173	29.1	8.6	48.6	
215	45.5	25.1	65.1	





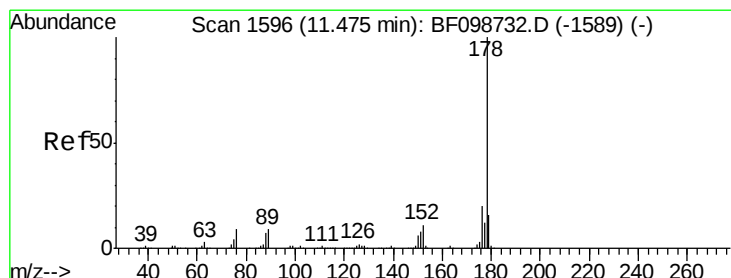
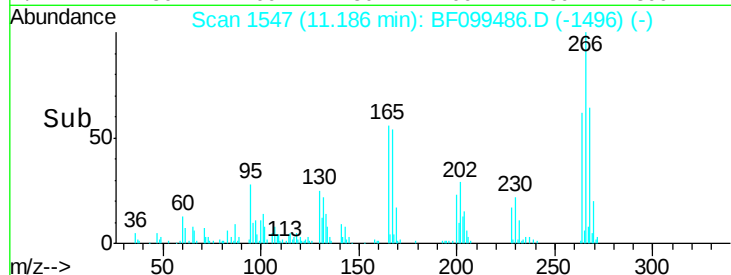
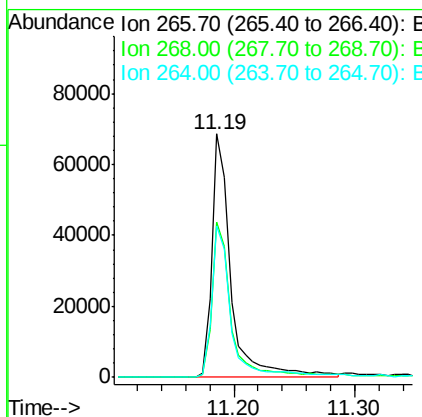
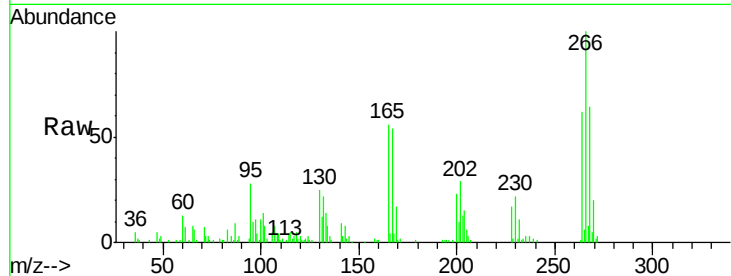
#69
 Pentachlorophenol
 Concen: 37.51 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-11MS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	62.0	49.5	74.3

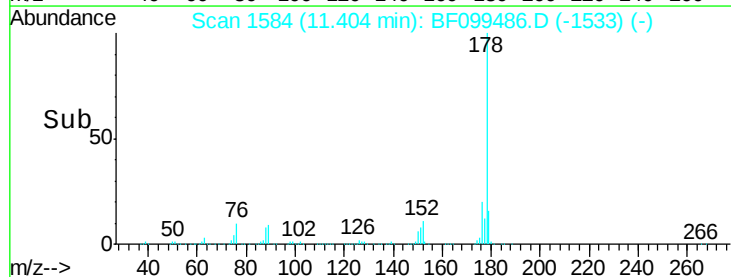
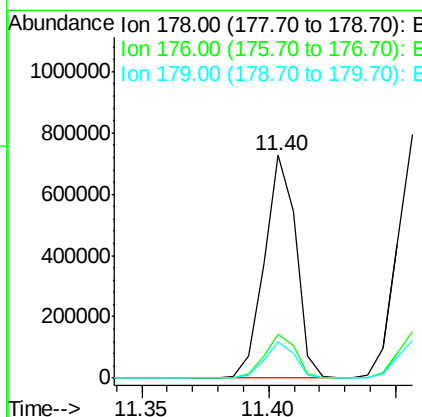
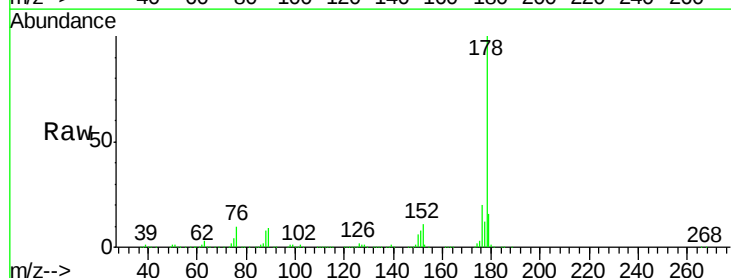
Manual Integrations
 APPROVED

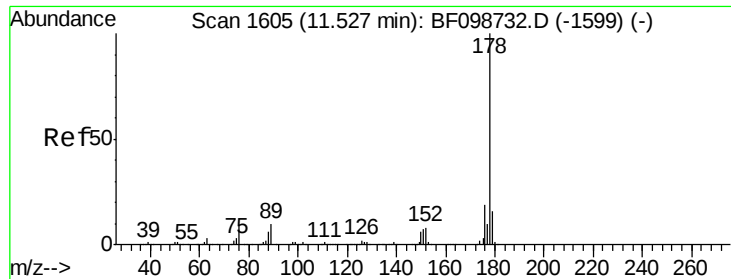
Sohil
 10/15/2017 12:41:26 PM



#70
 Phenanthrene
 Concen: 38.86 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.0	13.0	19.6





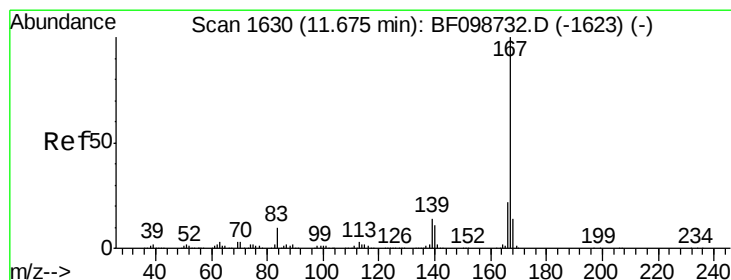
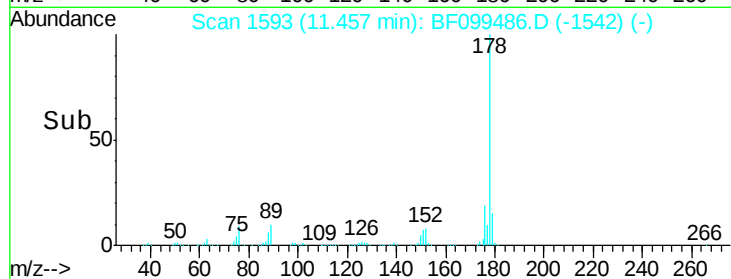
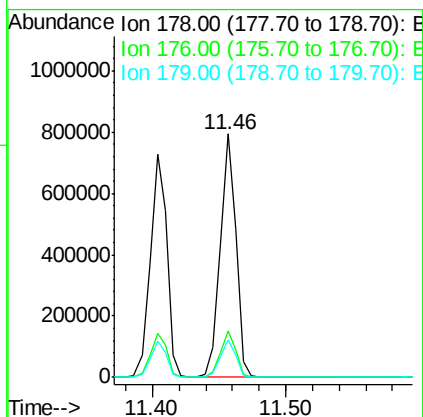
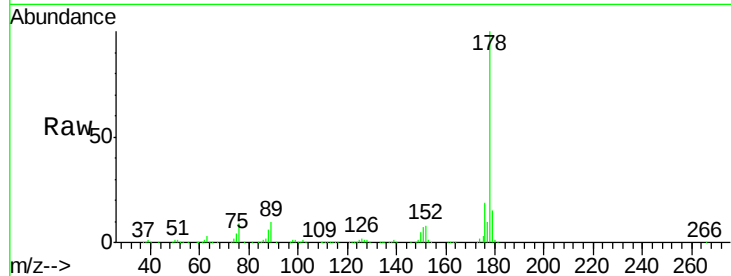
#71
 Anthracene
 Concen: 39.70 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-11MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.4	12.6	19.0

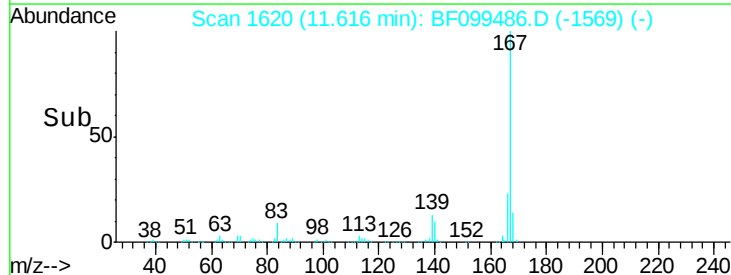
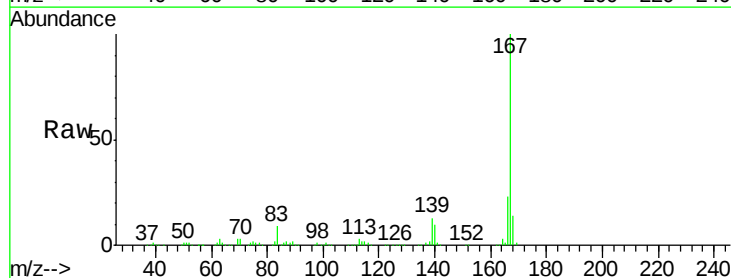
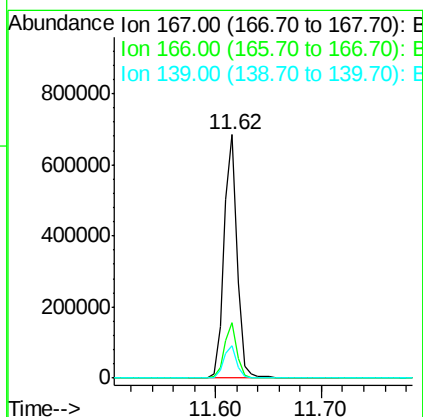
Manual Integrations
 APPROVED

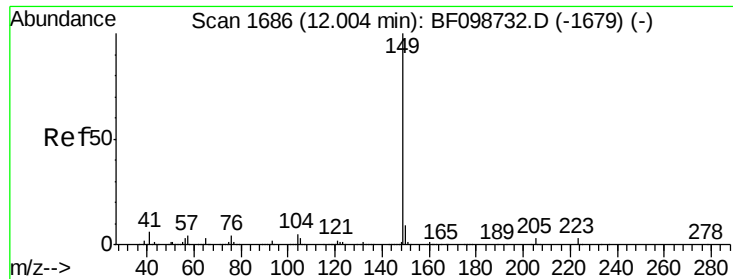
Sohil
 10/15/2017 12:41:26 PM



#72
 Carbazole
 Concen: 36.20 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	13.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.54 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

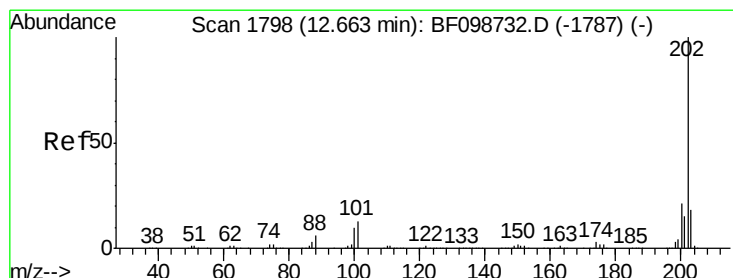
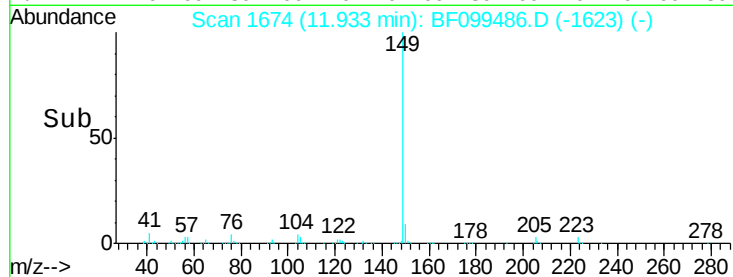
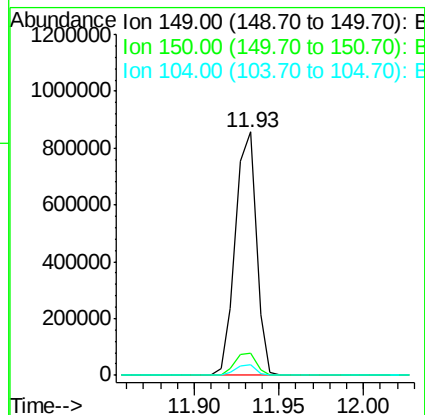
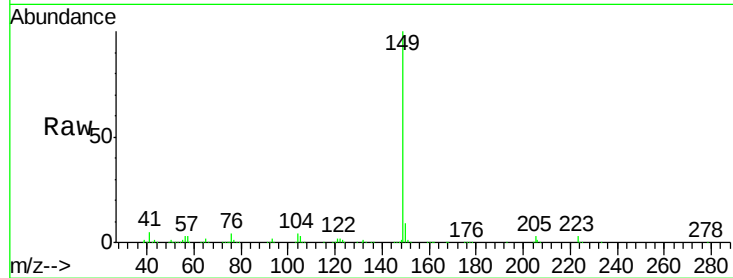
ClientSampleId :

CLEANSAND-11MS

Tgt Ion:	149	Resp:	741847
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.8	11.6
104	4.2	3.8	5.8

Manual Integrations
APPROVED

Sohil
10/15/2017 12:41:26 PM



#74

Fluoranthene

Concen: 37.68 ng

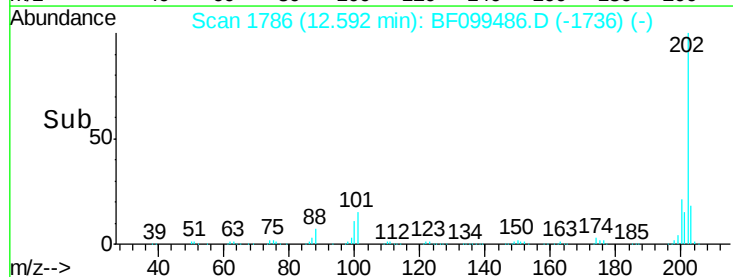
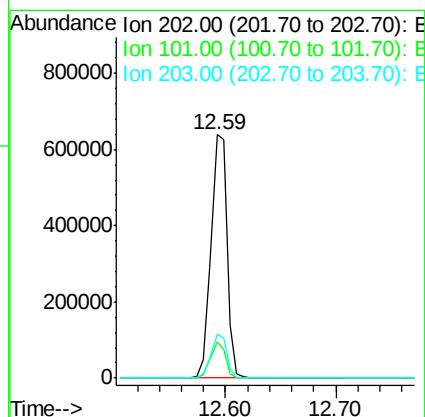
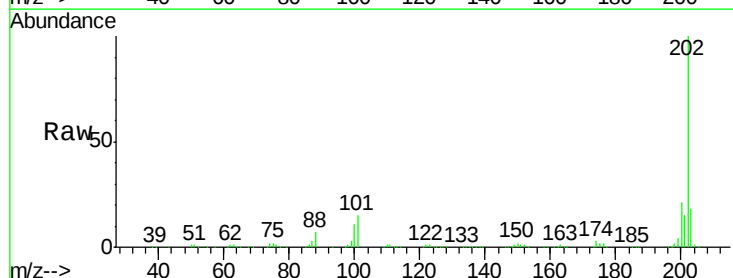
RT: 12.59 min Scan# 1786

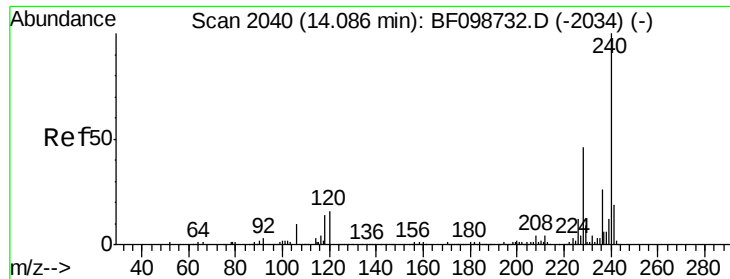
Delta R.T. -0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Tgt Ion:	202	Resp:	625253
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

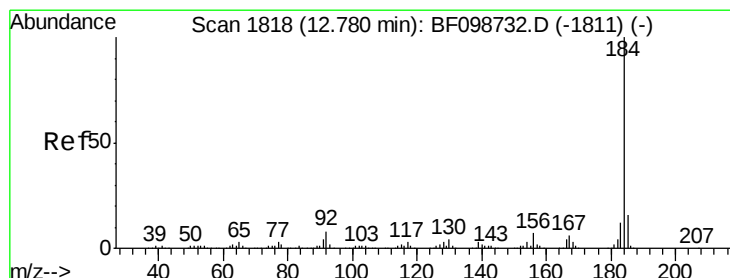
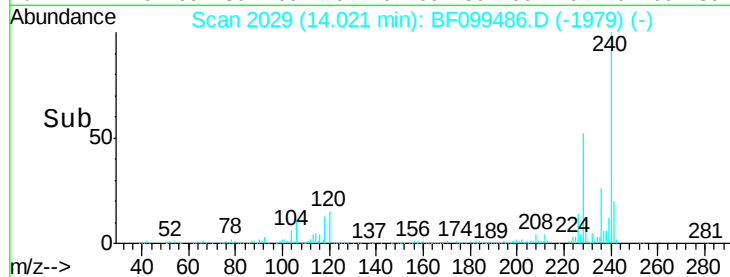
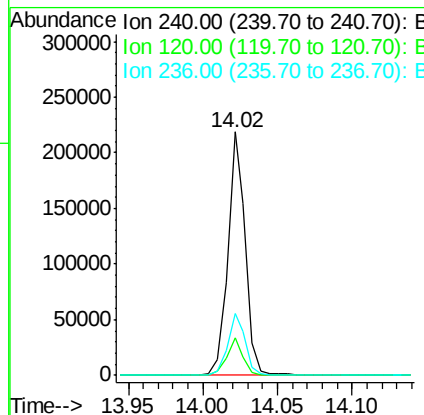
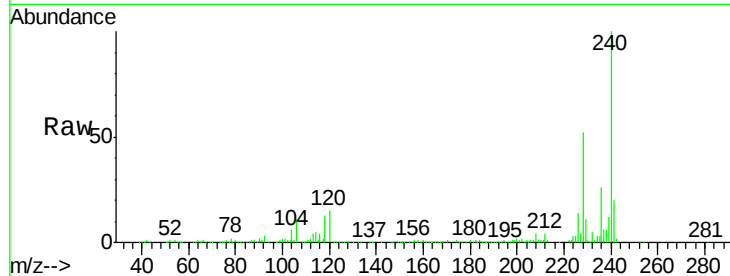
ClientSampleId :

CLEANSAND-11MS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	25.6	20.7	31.1

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#76

Benzidine

Concen: 29.24 ng

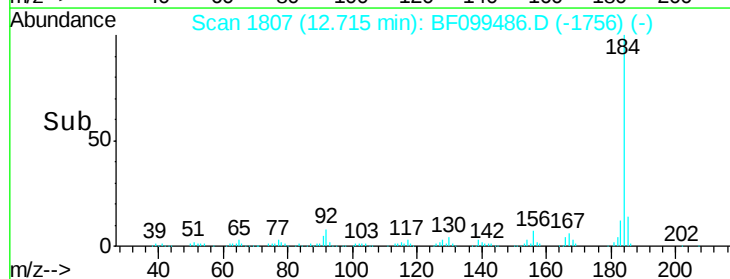
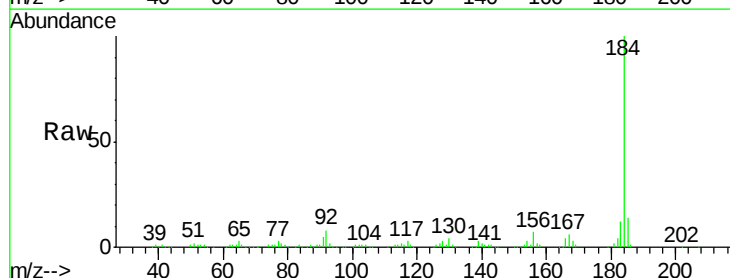
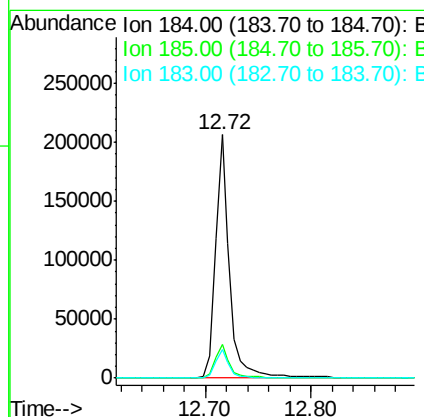
RT: 12.72 min Scan# 1807

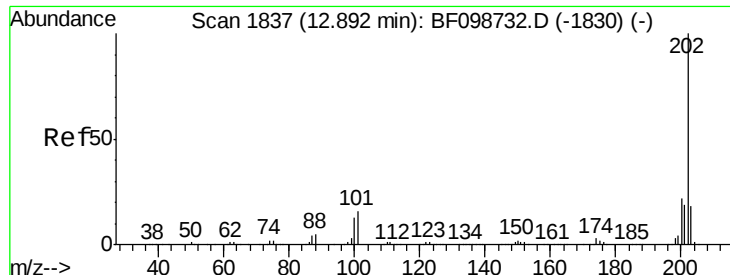
Delta R.T. 0.00 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.6	18.8
183	12.0	9.3	13.9





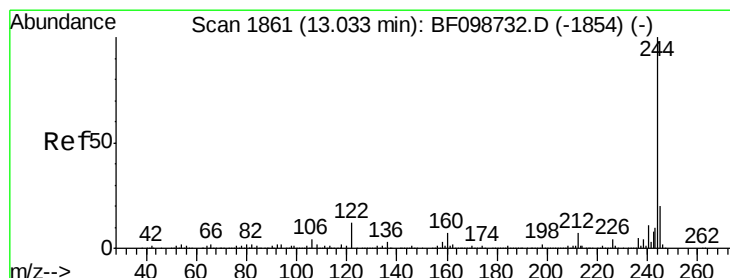
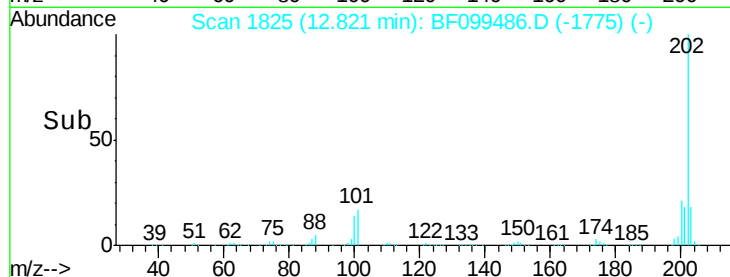
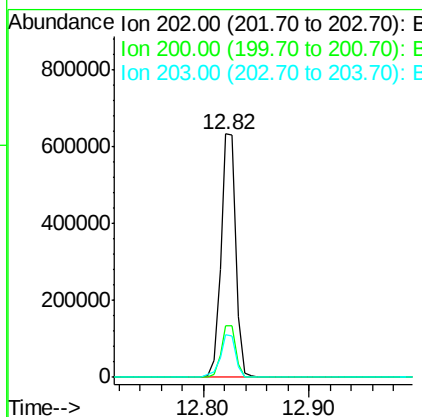
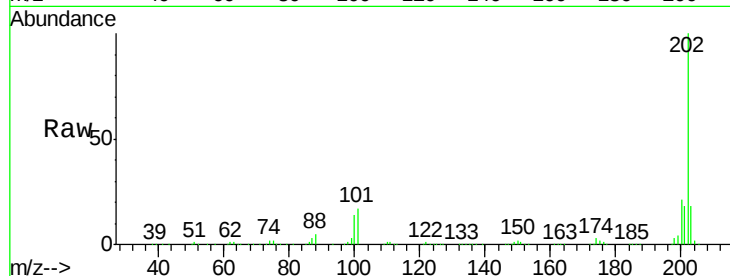
#77
 Pyrene
 Concen: 45.75 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-11MS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	627988		
200	21.4		17.4	26.2
203	17.7		14.3	21.5

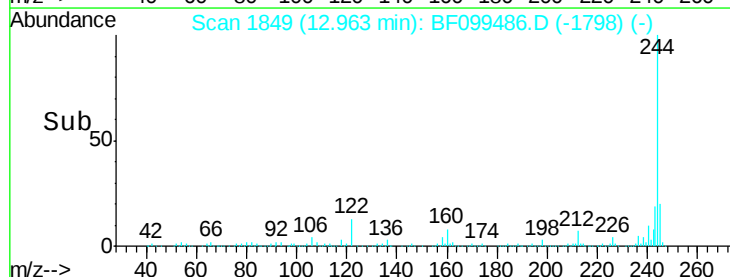
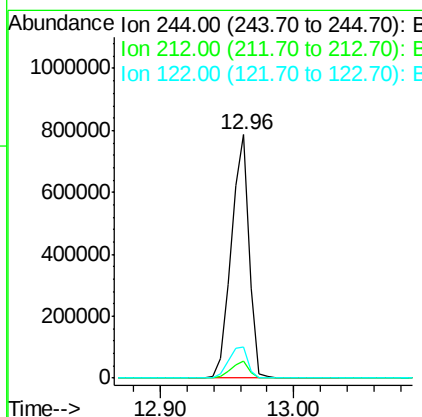
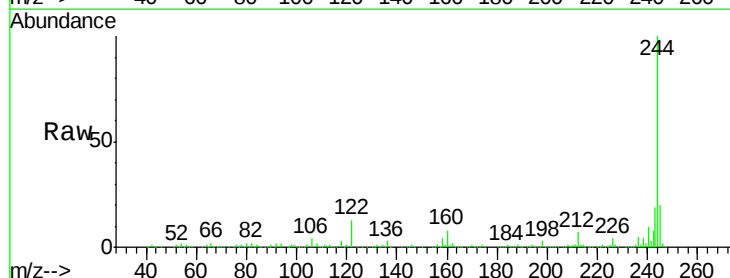
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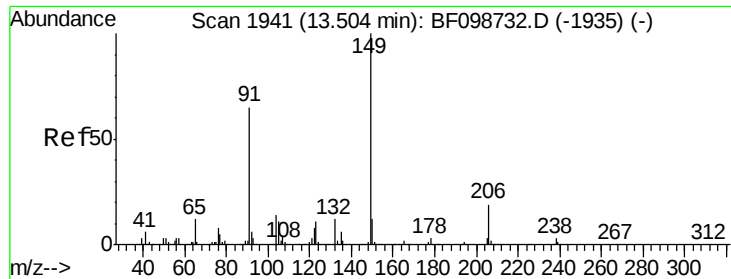
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#78
 Terphenyl-d14
 Concen: 93.48 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	739920		
212	7.1		5.4	8.0
122	13.0		11.0	16.4





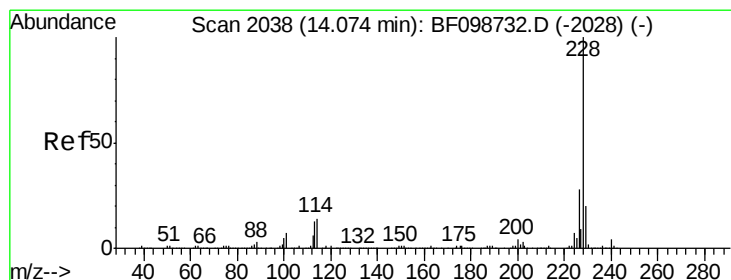
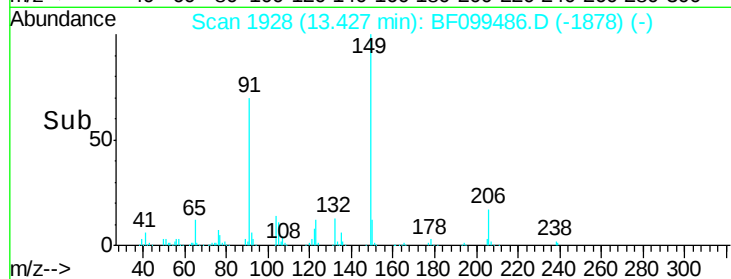
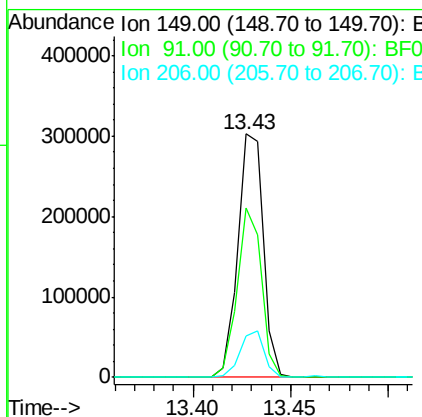
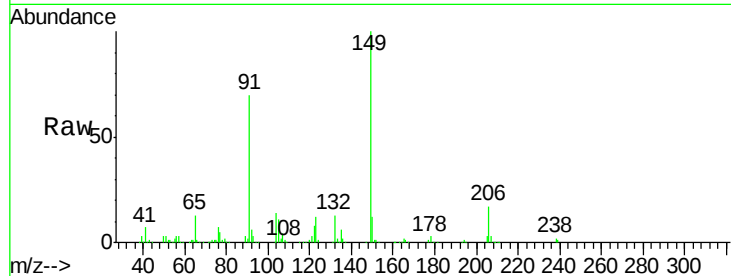
#79
Butylbenzylphthalate
Concen: 42.59 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	274710		
91	69.7	56.8	85.2	
206	17.2	14.1	21.1	

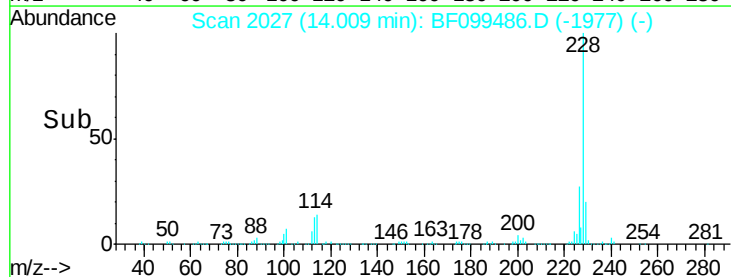
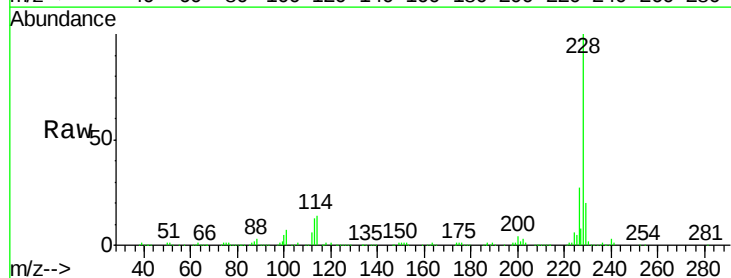
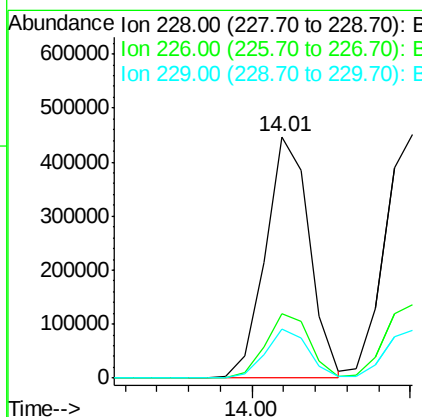
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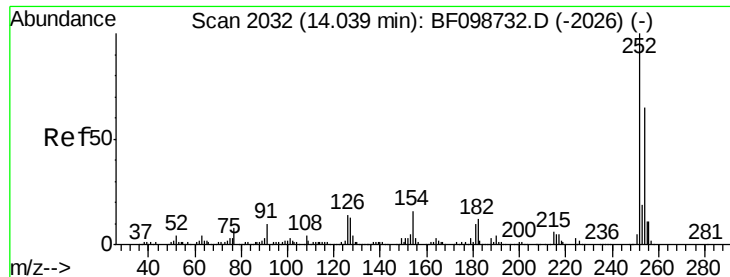
Sohil
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#80
Benzo(a)anthracene
Concen: 39.31 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	428500		
226	27.0	22.6	33.8	
229	20.2	15.8	23.6	





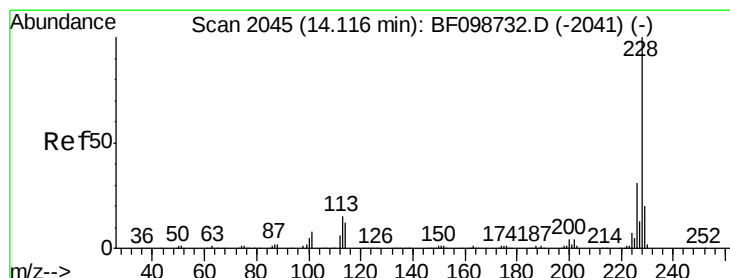
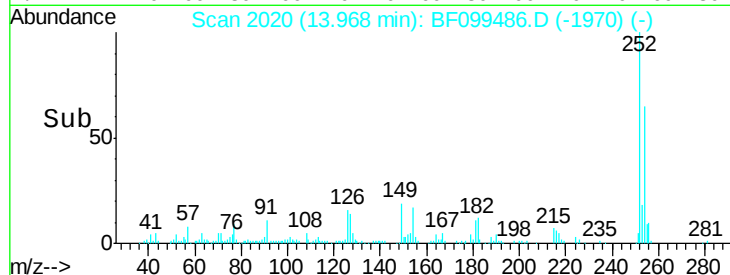
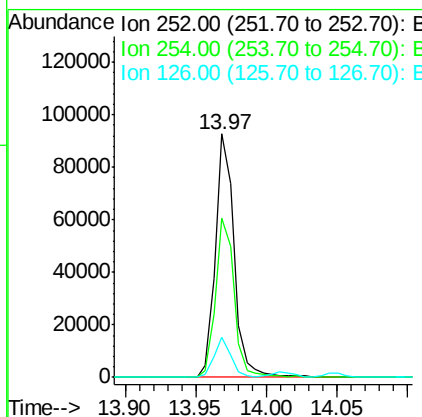
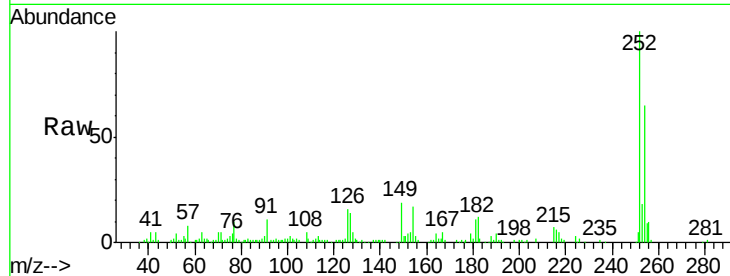
#81
 3,3'-Dichlorobenzidine
 Concen: 21.47 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-11MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	16.3	11.3	16.9

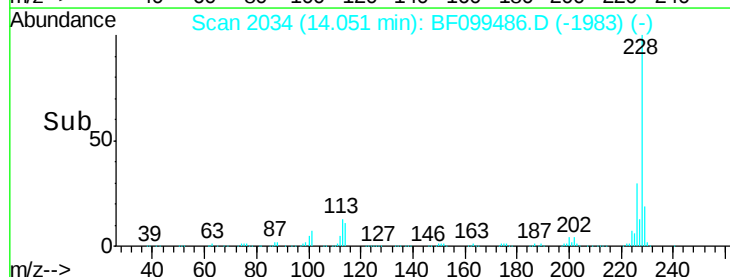
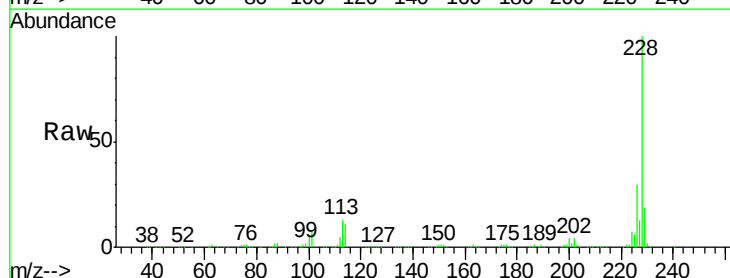
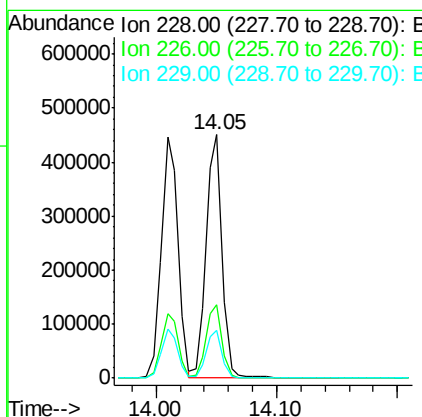
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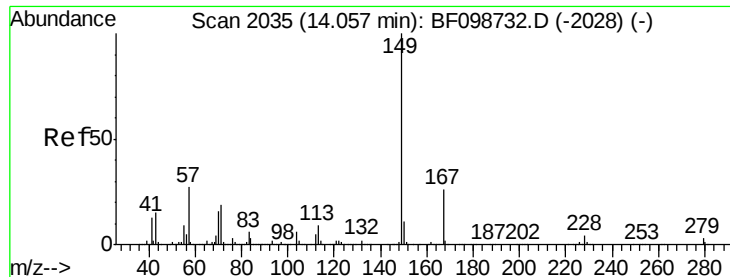
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#82
 Chrysene
 Concen: 39.50 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.4	16.2	24.4





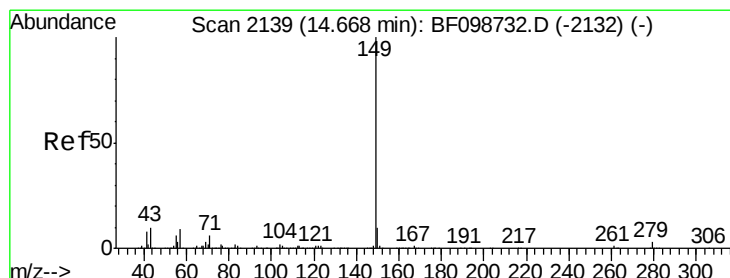
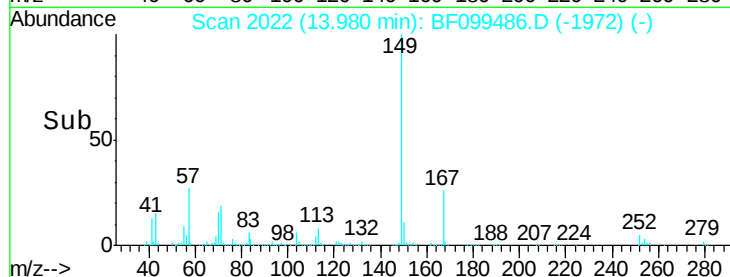
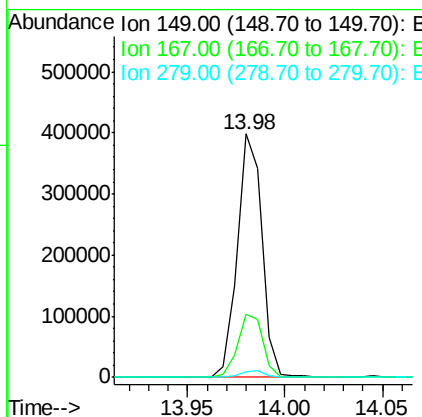
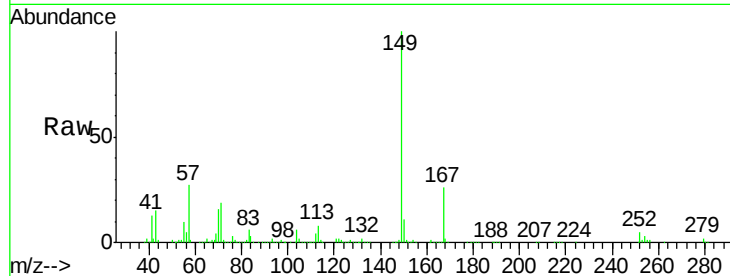
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.16 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-11MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	2.3	3.0	4.4

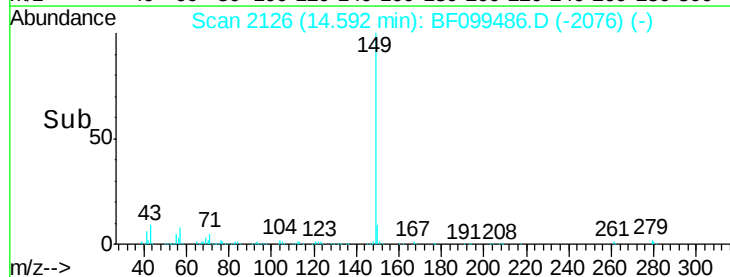
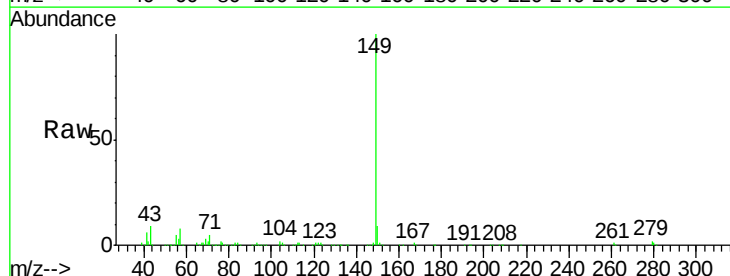
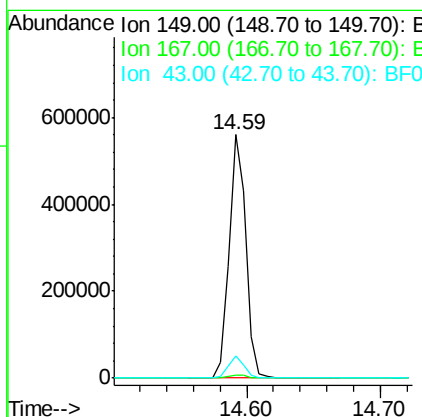
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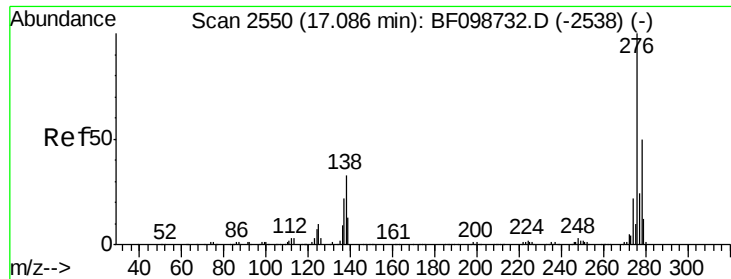
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#84
 Di-n-octyl phthalate
 Concen: 34.74 ng
 RT: 14.59 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.4	8.4	12.6





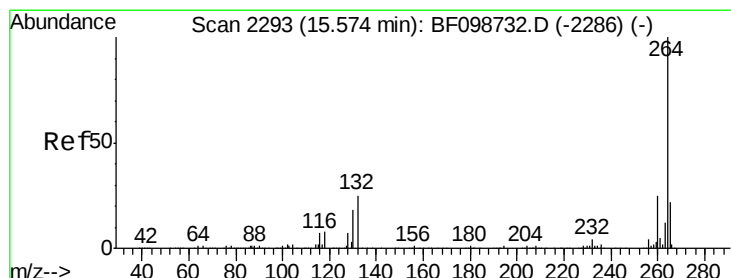
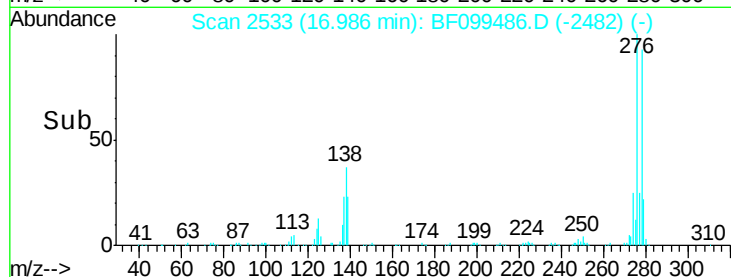
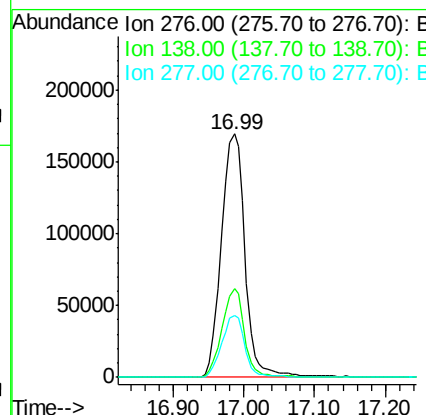
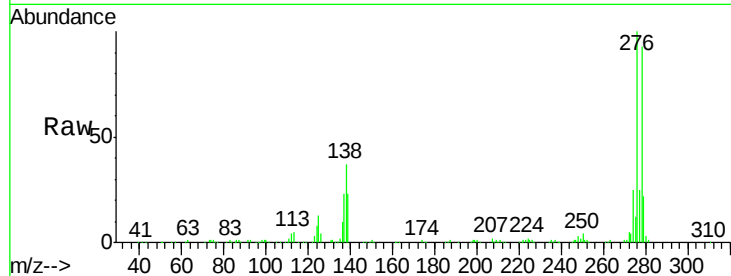
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.68 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-11MS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	395766		
138	35.0	25.0	37.6	
277	24.8	20.1	30.1	

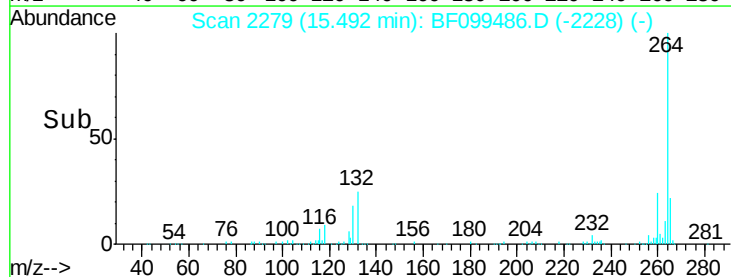
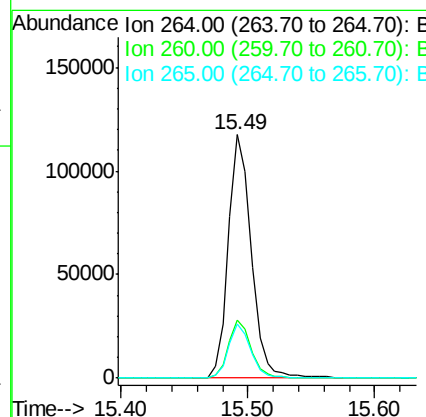
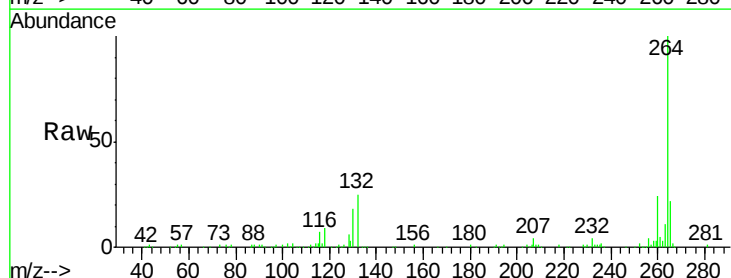
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	148195		
260	23.8	19.2	28.8	
265	22.1	17.5	26.3	





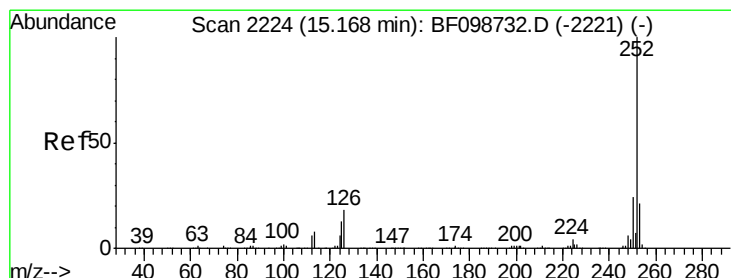
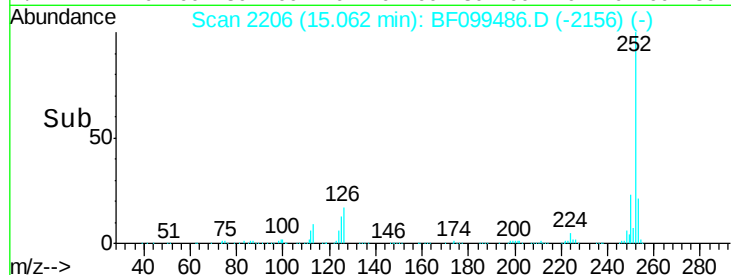
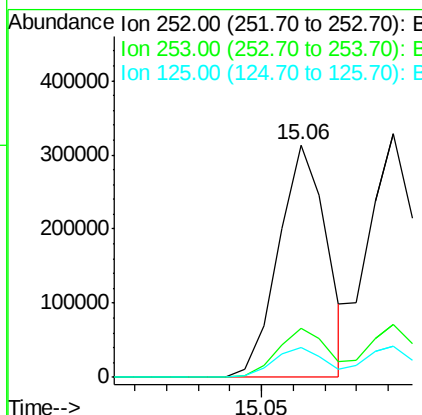
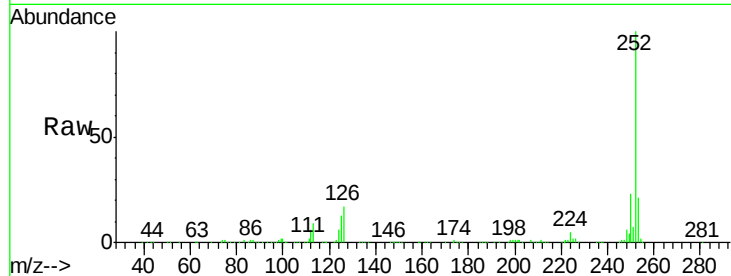
#87
Benzo(b)fluoranthene
Concen: 36.39 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.6
125	12.9	9.0	13.6

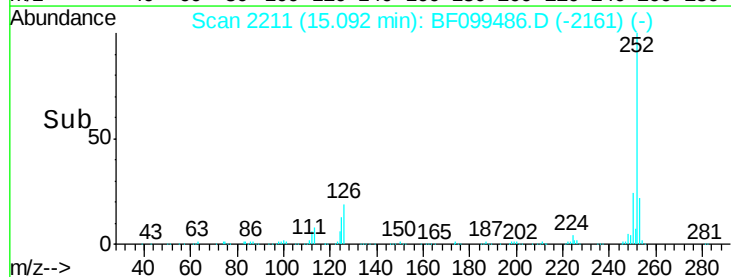
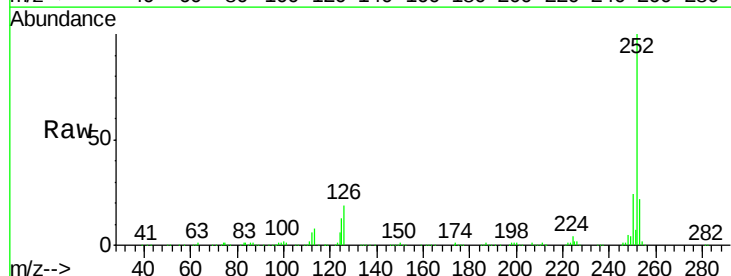
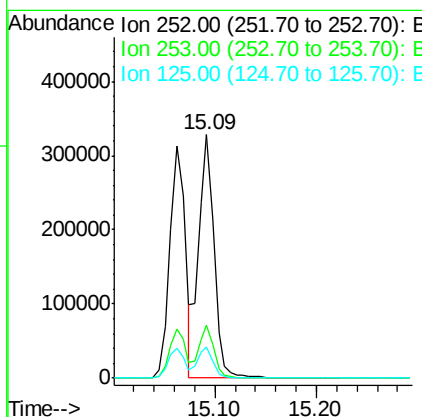
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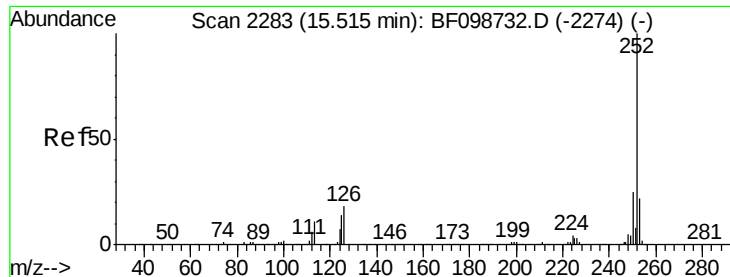
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#88
Benzo(k)fluoranthene
Concen: 38.57 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	13.0	10.2	15.2





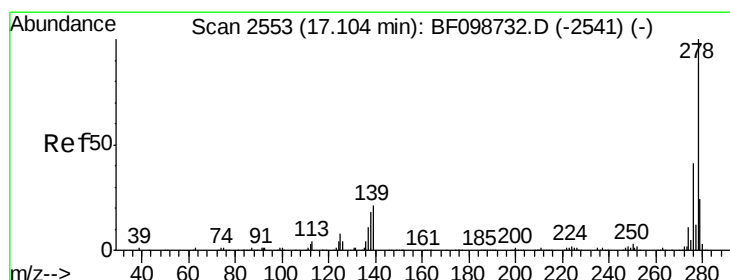
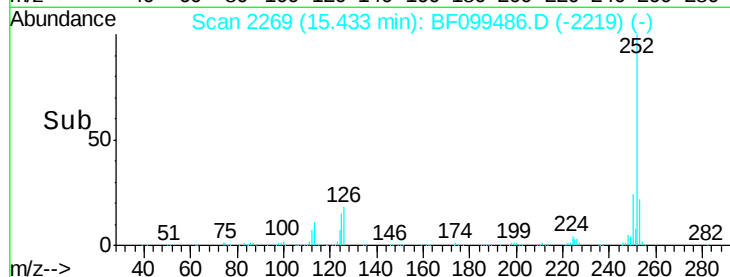
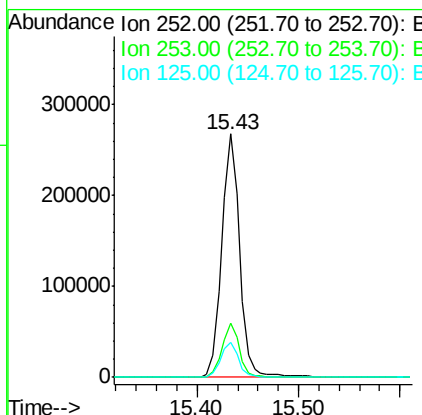
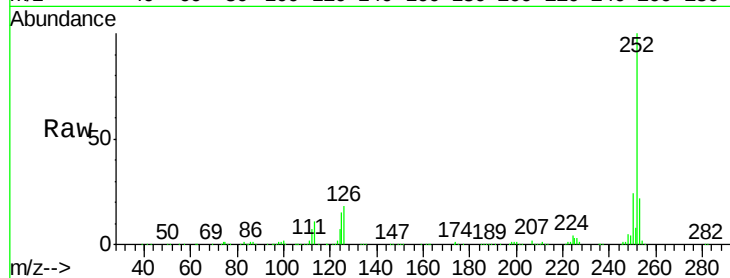
#89
Benzo(a)pyrene
Concen: 39.47 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	14.6	9.8	14.6

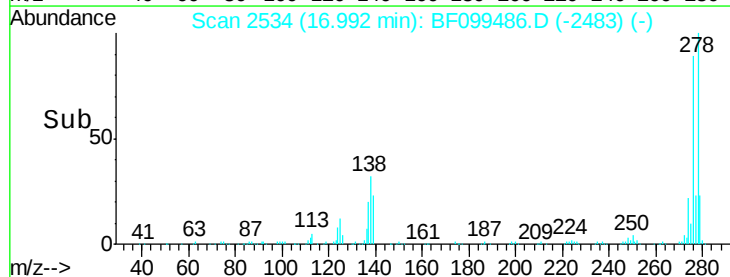
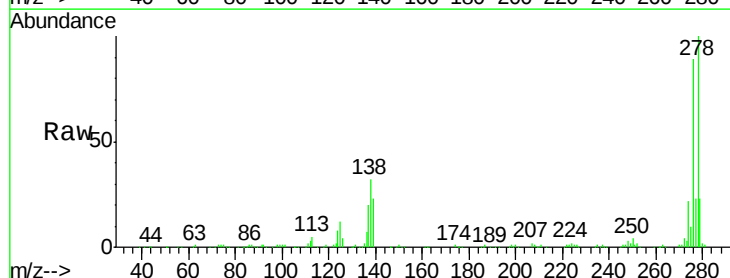
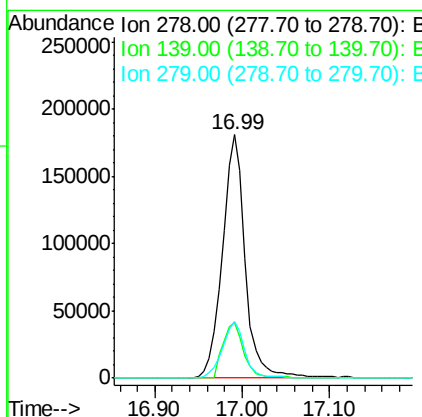
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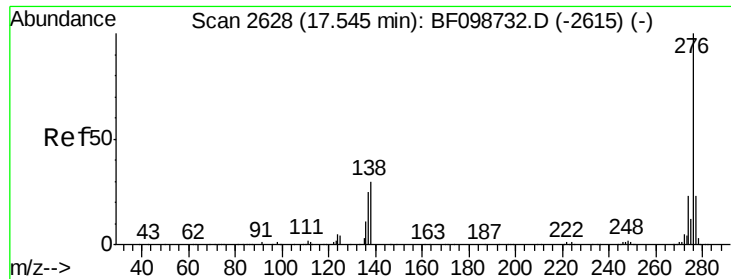
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#90
Dibenzo(a,h)anthracene
Concen: 48.64 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.7	15.9	23.9
279	23.2	19.0	28.4





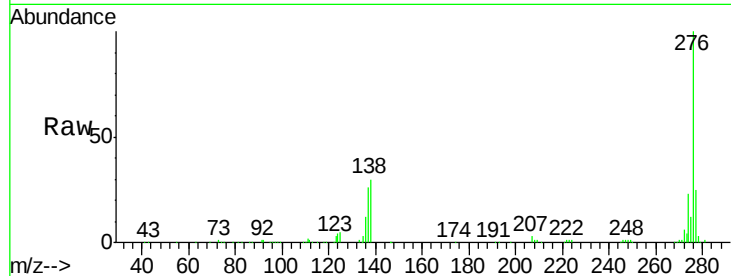
#91
 Benzo(g,h,i)perylene
 Concen: 52.09 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 CLEANSAND-11MS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	344660		
277	25.1		17.9	26.9
138	30.1		21.8	32.8

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

