

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
 Data File : BF099484.D
 Acq On : 14 Oct 2017 18:40
 Operator : SJ/JU
 Sample : I5869-13MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-10-11-17MSD

Manual Integrations
 APPROVED

Quant Time: Oct 15 05:12:01 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	97932	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	402319	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	175586	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	280501	20.00	ng	0.00
75) Chrysene-d12	14.02	240	149379	20.00	ng	0.00
86) Perylene-d12	15.50	264	159588	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	449478	73.06	ng	0.00
7) Phenol-d6	6.49	99	338963	44.66	ng	0.00
23) Nitrobenzene-d5	7.42	82	659290	105.09	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	198246	137.98	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1146424	109.00	ng	0.00
78) Terphenyl-d14	12.96	244	771034	117.39	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	54358	18.50	ng	97
3) Pyridine	3.48	79	108628	13.66	ng	91
4) n-Nitrosodimethylamine	3.39	42	55924	16.59	ng	# 79
6) Aniline	6.52	93	204574	19.97	ng	97
8) 2-Chlorophenol	6.65	128	273860	39.31	ng	93
9) Benzaldehyde	6.41	77	123584	28.07	ng	95
10) Phenol	6.50	94	144534	17.03	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	313648	47.54	ng	96
12) 1,3-Dichlorobenzene	6.79	146	354494	48.59	ng	98
13) 1,4-Dichlorobenzene	6.87	146	356649	48.04	ng	100
14) 1,2-Dichlorobenzene	7.03	146	331612	48.35	ng	96
15) Benzyl Alcohol	7.00	79	160343	28.80	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	443642	43.16	ng	87
17) 2-Methylphenol	7.12	107	183164	32.13	ng	# 92
18) Hexachloroethane	7.36	117	123315	46.22	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	213871	44.14	ng	95
20) 3+4-Methylphenols	7.26	107	196027	27.18	ng	# 33
22) Acetophenone	7.26	105	435288	44.66	ng	98
24) Nitrobenzene	7.44	77	335860	47.19	ng	98
25) Isophorone	7.67	82	612073	47.19	ng	99
26) 2-Nitrophenol	7.76	139	179791	52.54	ng	90
27) 2,4-Dimethylphenol	7.79	122	252382	39.05	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	396324	49.03	ng	99
29) 2,4-Dichlorophenol	8.00	162	249713	45.00	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	280845	50.61	ng	98
31) Naphthalene	8.16	128	928575	49.14	ng	99
32) Benzoic acid	7.89	122	23236	4.38	ng	97
33) 4-Chloroaniline	8.21	127	145703	18.47	ng	97
34) Hexachlorobutadiene	8.27	225	136134	47.63	ng	99
35) Caprolactam	8.60	113	12918	7.26	ng	94
36) 4-Chloro-3-methylphenol	8.69	107	237987	38.16	ng	96
37) 2-Methylnaphthalene	8.85	142	631949	51.45	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	253415	48.39	ng	99
40) Hexachlorocyclopentadiene	9.00	237	161872	67.64	ng	98

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Manual Integrations
 APPROVED

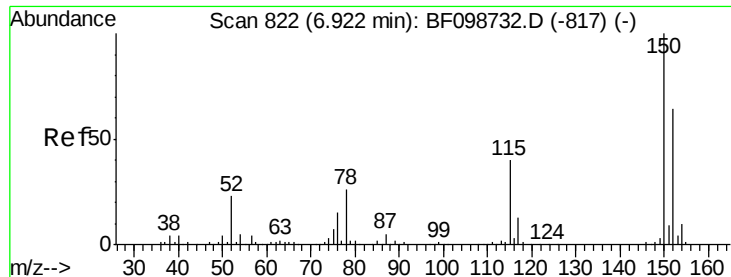
Quant Time: Oct 15 05:12:01 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	163149	43.98	ng	99
43) 2,4,5-Trichlorophenol	9.18	196	168096	45.39	ng	93
45) 1,1'-Biphenyl	9.32	154	726383	48.13	ng	99
46) 2-Chloronaphthalene	9.34	162	579493	51.15	ng	98
47) 2-Nitroaniline	9.45	65	164820	47.51	ng	90
48) Acenaphthylene	9.76	152	848344	48.91	ng	100
49) Dimethylphthalate	9.62	163	678231	51.18	ng	100
50) 2,6-Dinitrotoluene	9.69	165	150436	52.14	ng	87
51) Acenaphthene	9.93	154	497441	45.28	ng	99
52) 3-Nitroaniline	9.86	138	81282	24.16	ng	89
53) 2,4-Dinitrophenol	9.97	184	80746	55.67	ng	97
54) Dibenzofuran	10.10	168	732409	50.07	ng	98
55) 4-Nitrophenol	10.03	139	44809	15.75	ng	99
56) 2,4-Dinitrotoluene	10.09	165	176143	47.04	ng	94
57) Fluorene	10.45	166	576931	49.07	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	115094m	44.99	ng	
59) Diethylphthalate	10.31	149	612165	47.27	ng	98
60) 4-Chlorophenyl-phenylether	10.43	204	265015	50.18	ng	90
61) 4-Nitroaniline	10.47	138	136689	42.12	ng	90
62) Azobenzene	10.59	77	569472	47.83	ng	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	69999	41.02	ng	78
65) n-Nitrosodiphenylamine	10.55	169	507460	52.22	ng	100
66) 4-Bromophenyl-phenylether	10.92	248	152372	55.50	ng	94
67) Hexachlorobenzene	10.99	284	150527	51.33	ng	96
68) Atrazine	11.09	200	140556	48.08	ng	97
69) Pentachlorophenol	11.19	266	107096	58.68	ng	100
70) Phenanthrene	11.41	178	777241	51.77	ng	99
71) Anthracene	11.46	178	801037	52.14	ng	99
72) Carbazole	11.62	167	677423	45.03	ng	100
73) Di-n-butylphthalate	11.93	149	868645	47.97	ng	99
74) Fluoranthene	12.60	202	698152	45.92	ng	98
77) Pyrene	12.83	202	688952	60.48	ng	99
79) Butylbenzylphthalate	13.43	149	286227	53.47	ng	91
80) Benzo(a)anthracene	14.02	228	484082	53.52	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	41067	12.38	ng	99
82) Chrysene	14.05	228	457770	53.16	ng	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	374406	50.79	ng	# 99
84) Di-n-octyl phthalate	14.59	149	593419	50.00	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.00	276	579046	84.06	ng	96
87) Benzo(b)fluoranthene	15.07	252	473138	48.22	ng	99
88) Benzo(k)fluoranthene	15.10	252	444544	45.87	ng	98
89) Benzo(a)pyrene	15.44	252	463956	51.51	ng	98
90) Dibenzo(a,h)anthracene	17.00	278	479067	66.46	ng	96
91) Benzo(g,h,i)perylene	17.44	276	511653	71.81	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

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Acq: 14 Oct 2017 18:40

Instrument :

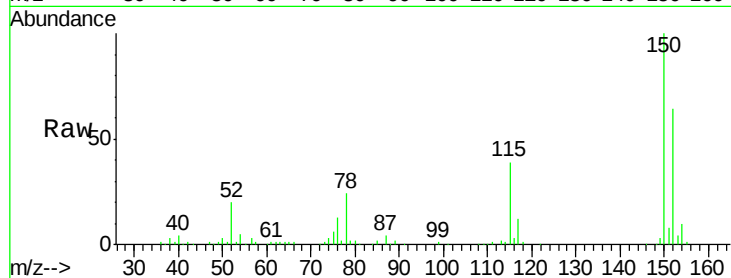
BNA_F

ClientSampleId :

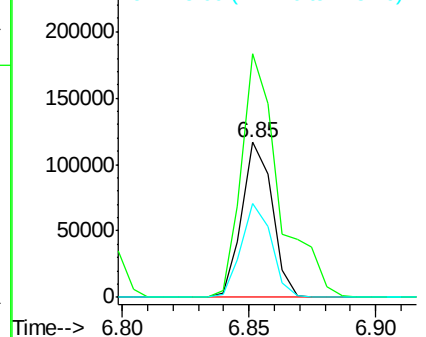
MW-10-10-11-17MSD

Tgt Ion:	152	Resp:	97932
Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	60.5	50.1	75.1

Manual Integrations
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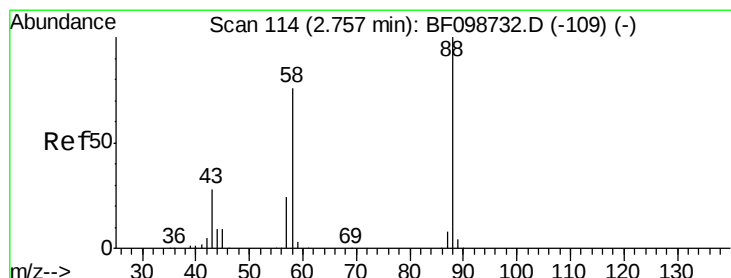
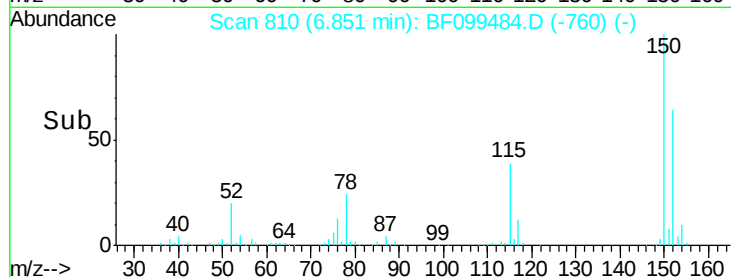


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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#2

1,4-Dioxane

Concen: 18.50 ng

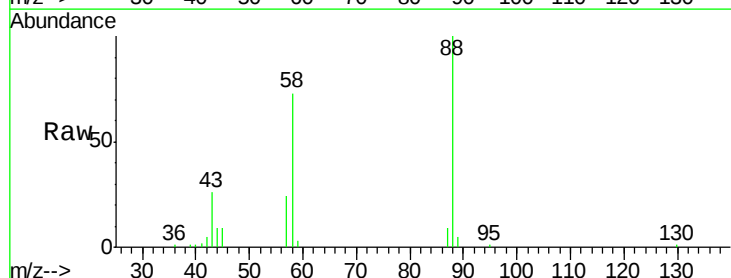
RT: 2.68 min Scan# 100

Delta R.T. 0.06 min

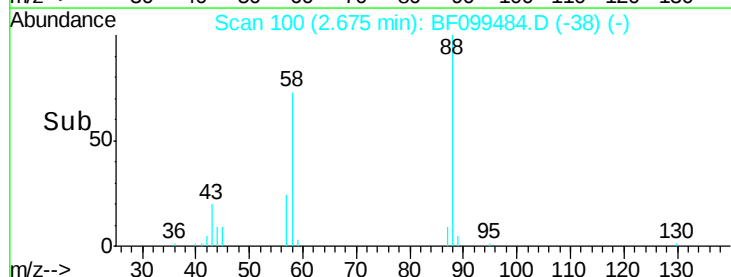
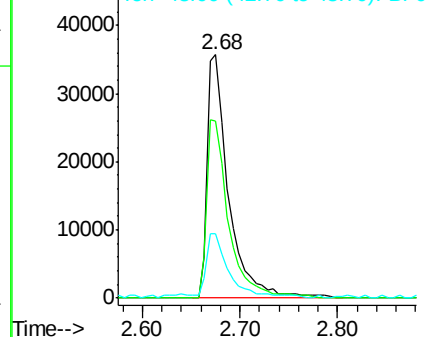
Lab File: BF099484.D

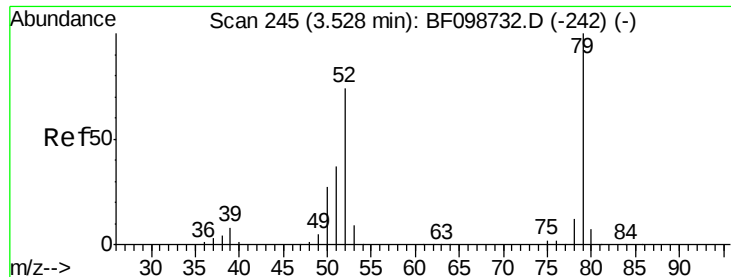
Acq: 14 Oct 2017 18:40

Tgt Ion:	88	Resp:	54358
Ion	Ratio	Lower	Upper
88	100		
58	75.4	62.6	93.8
43	28.9	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 13.66 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.08 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

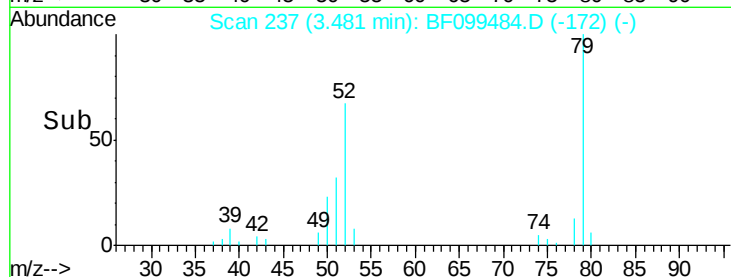
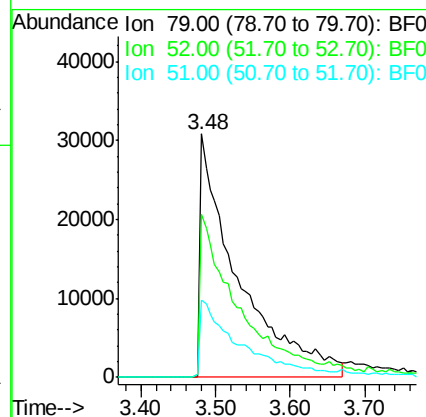
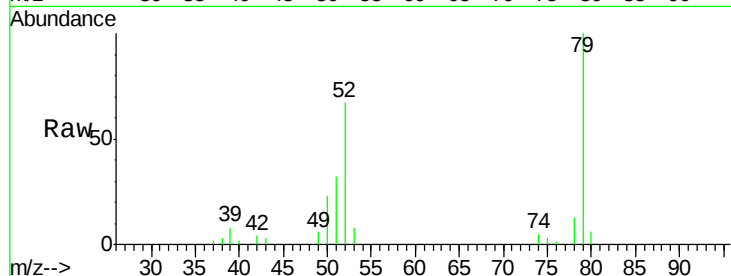
BNA_F

ClientSampleId :

MW-10-10-11-17MSD

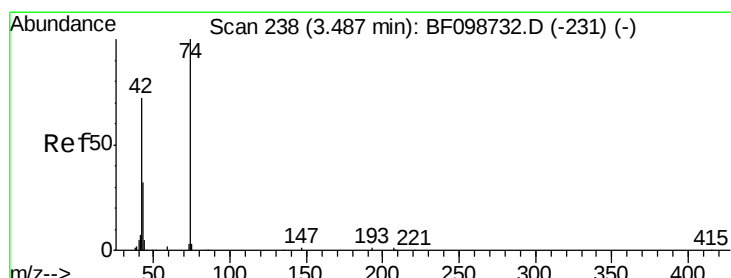
Tgt Ion:	79	Resp:	108628
Ion	Ratio	Lower	Upper
79	100		
52	67.1	59.8	89.6
51	31.7	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 16.59 ng

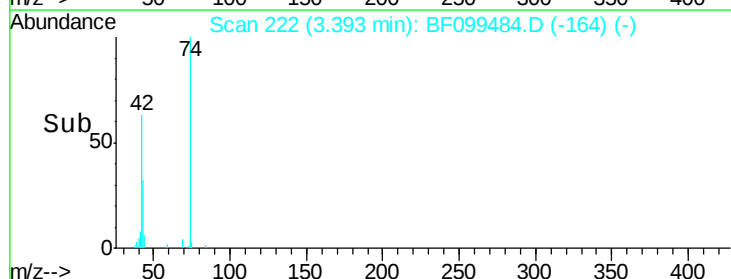
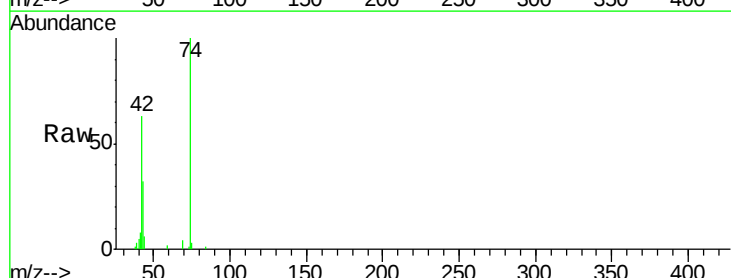
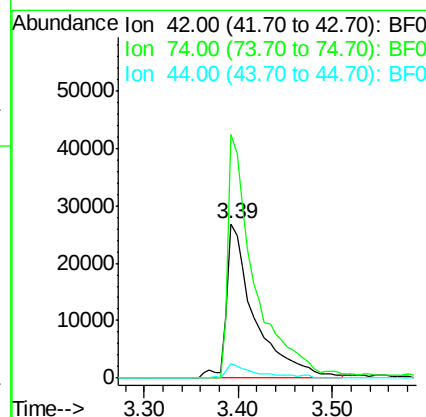
RT: 3.39 min Scan# 222

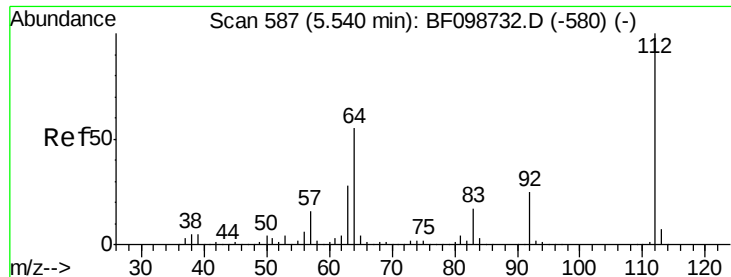
Delta R.T. 0.04 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Tgt Ion:	42	Resp:	55924
Ion	Ratio	Lower	Upper
42	100		
74	157.8	104.9	157.3#
44	9.3	6.9	10.3





#5

2-Fluorophenol

Concen: 73.06 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

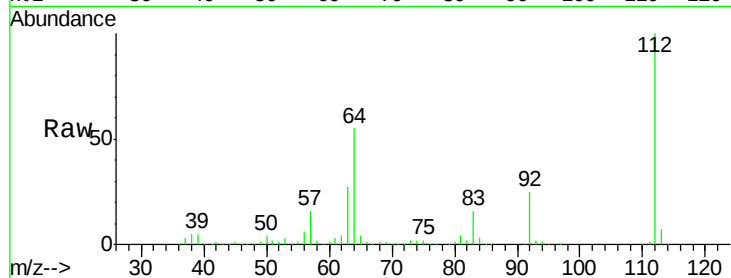
BNA_F

ClientSampleId :

MW-10-10-11-17MSD

Tgt Ion:	112	Resp:	449478
Ion Ratio		Lower	Upper
112	100		
64	55.1	47.9	71.9
63	27.3	23.7	35.5

Manual Integrations
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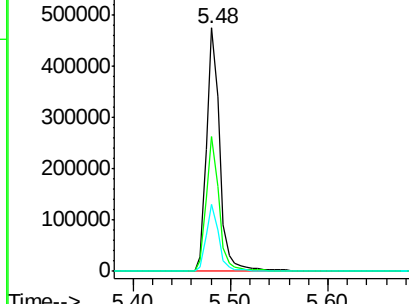
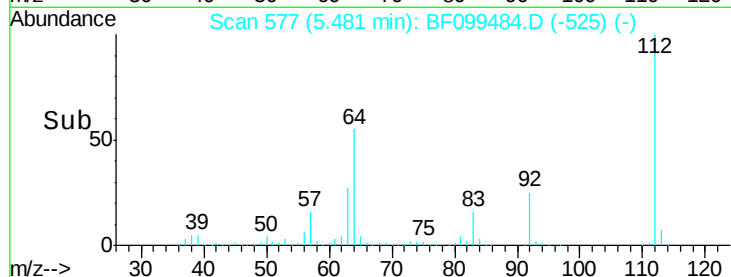


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

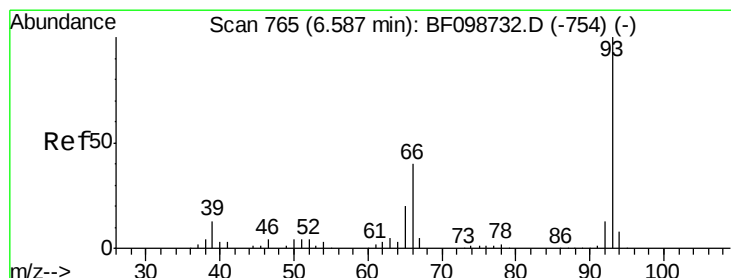
Ion 63.00 (62.70 to 63.70): BF0

5.48



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#6

Aniline

Concen: 19.97 ng

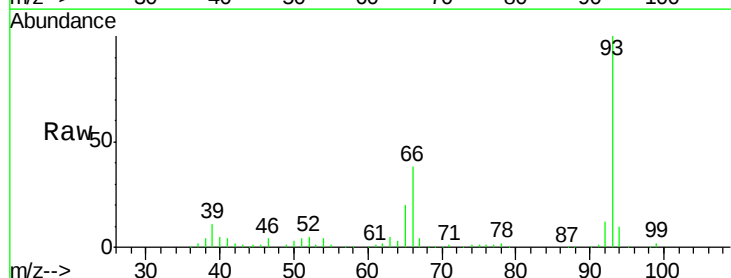
RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Tgt Ion:	93	Resp:	204574
Ion Ratio		Lower	Upper
93	100		
66	37.9	32.2	48.2
65	19.5	16.4	24.6

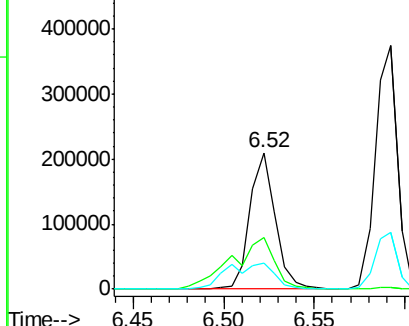
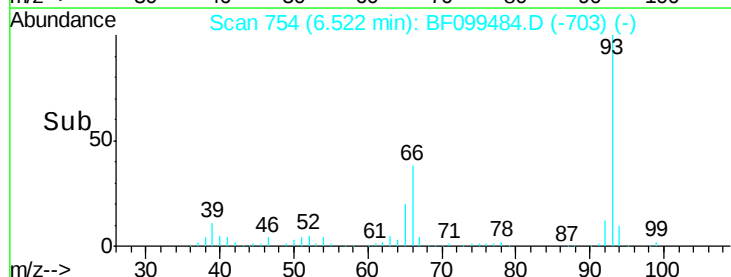


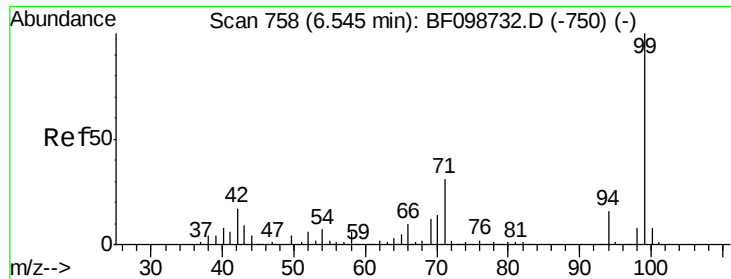
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

6.52





#7

Phenol-d6

Concen: 44.66 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

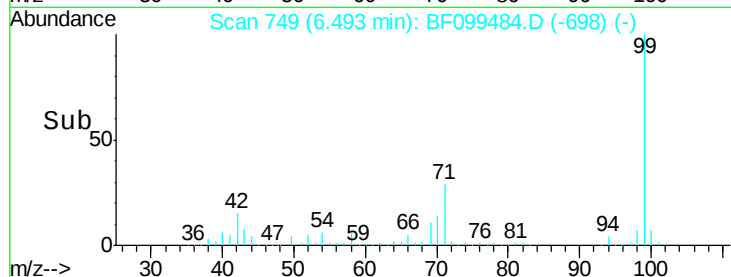
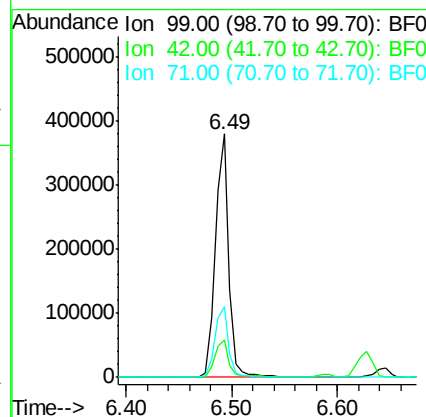
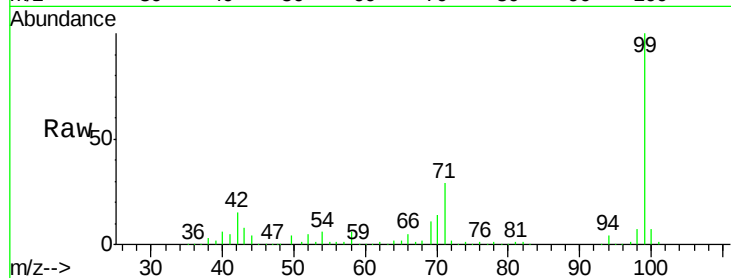
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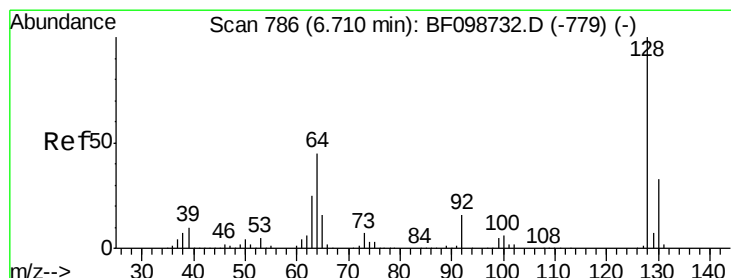
Tgt Ion:	99	Resp:	338963
Ion Ratio	Lower	Upper	
99	100		
42	15.4	14.5	21.7
71	29.2	25.4	38.0

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#8

2-Chlorophenol

Concen: 39.31 ng

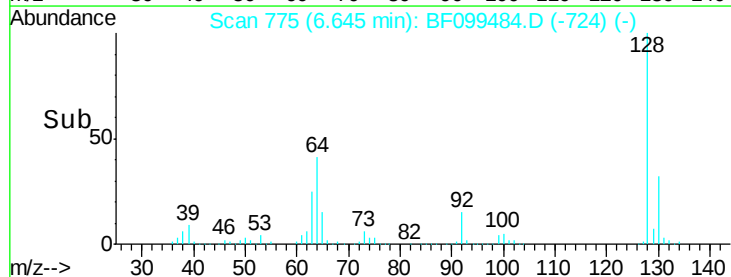
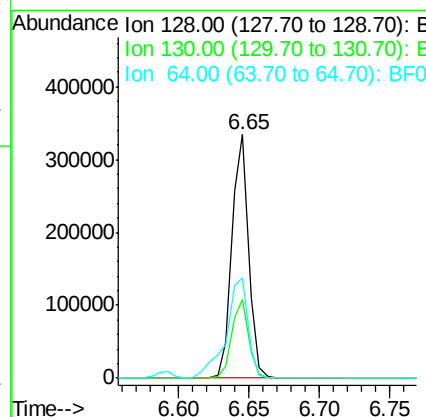
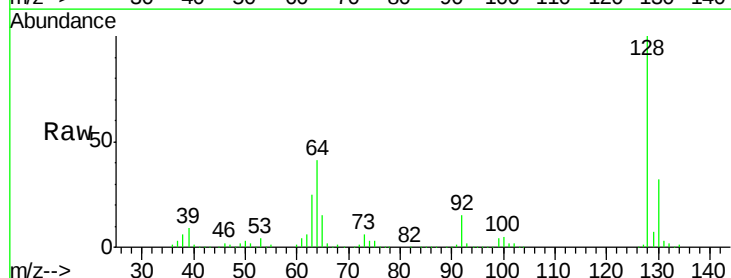
RT: 6.65 min Scan# 775

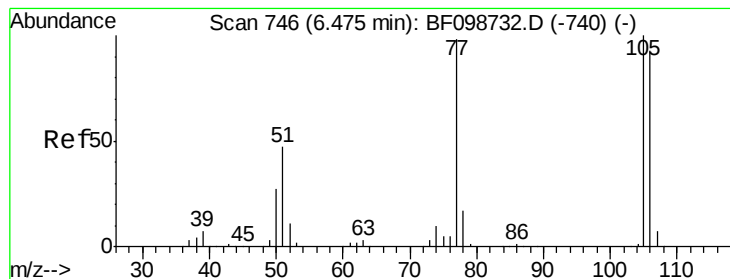
Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Tgt Ion:	128	Resp:	273860
Ion Ratio	Lower	Upper	
128	100		
130	32.5	13.0	53.0
64	41.3	29.4	69.4





#9

Benzaldehyde

Concen: 28.07 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

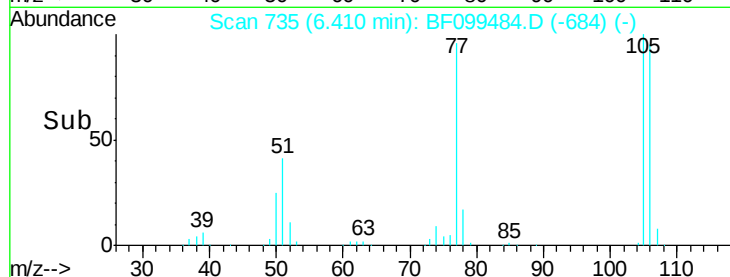
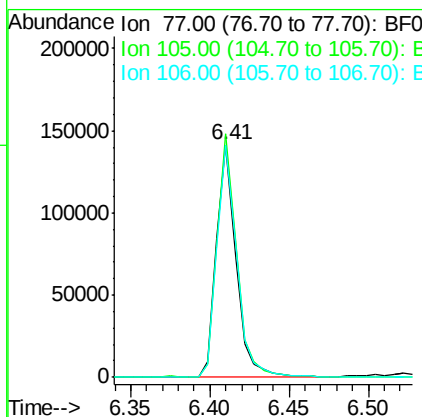
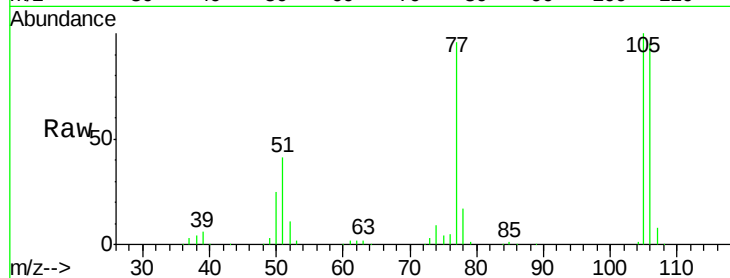
BNA_F

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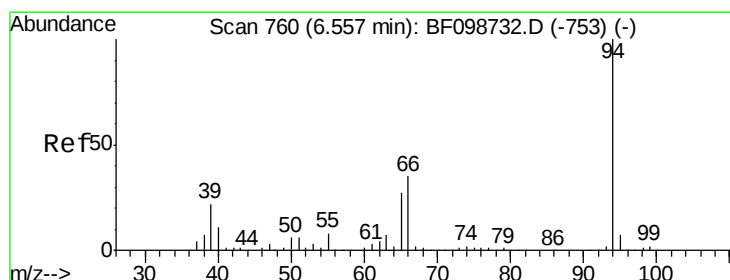
Tgt Ion:	77	Resp:	123584
Ion Ratio	Lower	Upper	
77	100		
105	104.7	81.1	121.1
106	99.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 17.03 ng

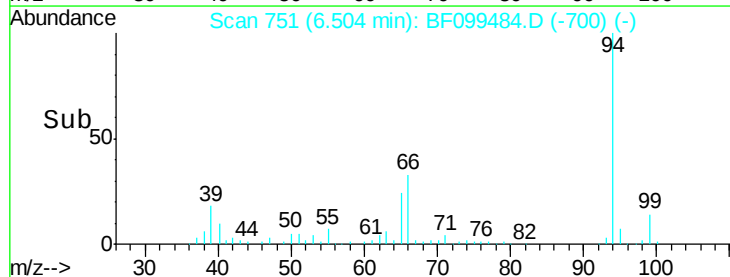
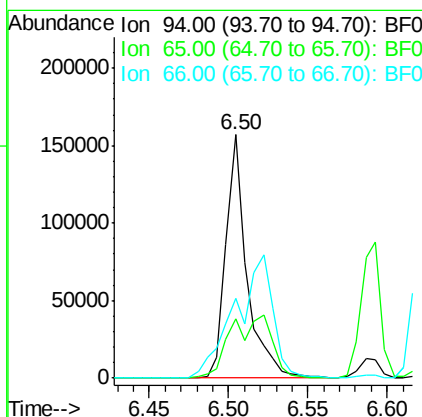
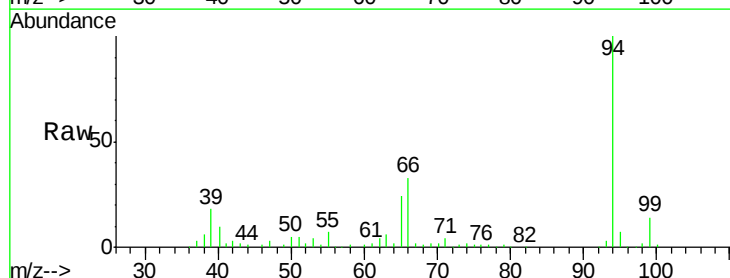
RT: 6.50 min Scan# 751

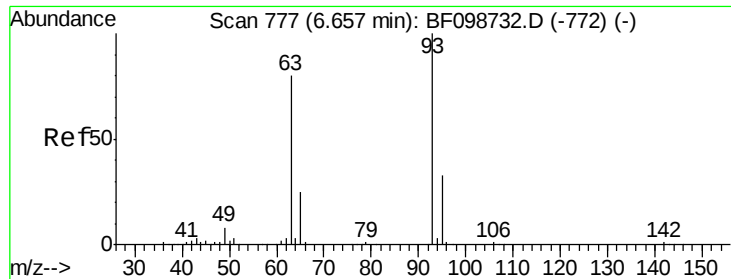
Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Tgt Ion:	94	Resp:	144534
Ion Ratio	Lower	Upper	
94	100		
65	24.5	7.9	47.9
66	32.7	16.2	56.2



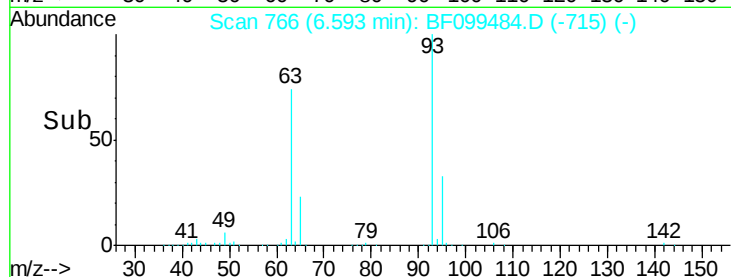
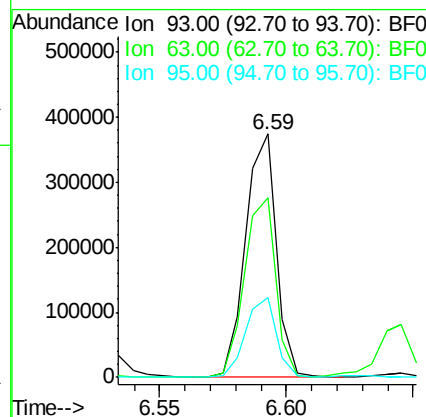
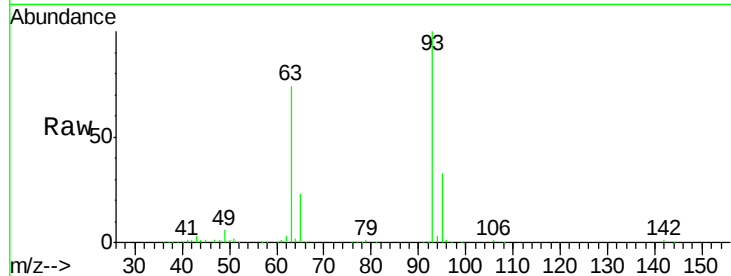


#11
bis(2-Chloroethyl)ether
Concen: 47.54 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

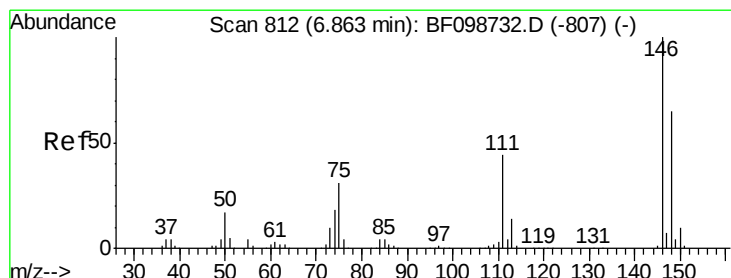
Tgt Ion:	93	Resp:	313648
Ion Ratio	Lower	Upper	
93	100		
63	73.9	58.6	98.6
95	33.0	11.8	51.8

Manual Integrations
APPROVED



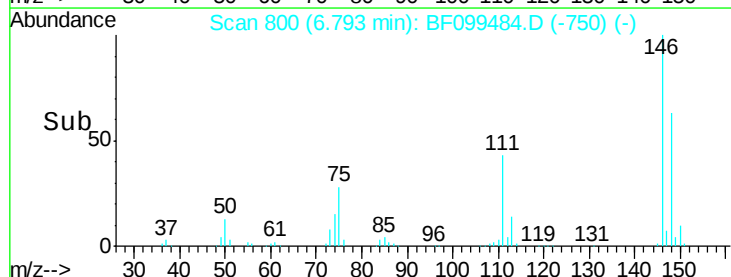
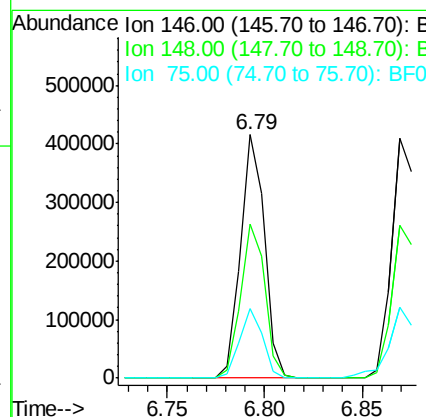
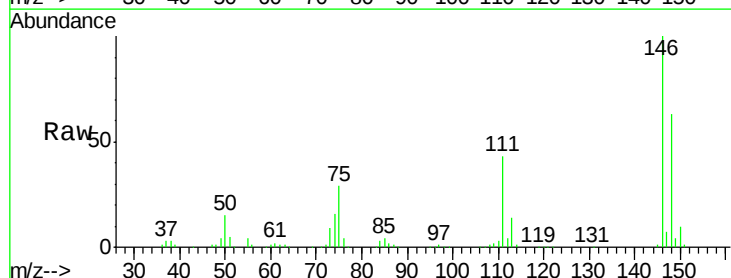
Sohil

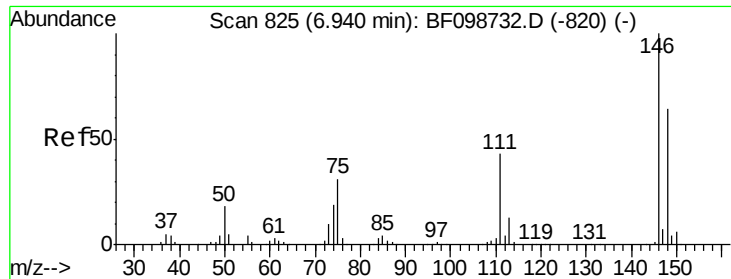
10/15/2017 12:41:24 PM



#12
1,3-Dichlorobenzene
Concen: 48.59 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion:	146	Resp:	354494
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.8	77.8
75	28.7	24.2	36.4



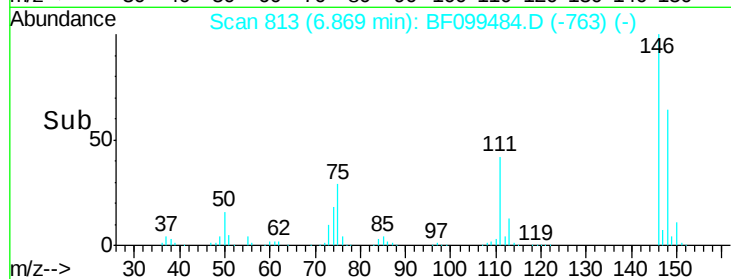
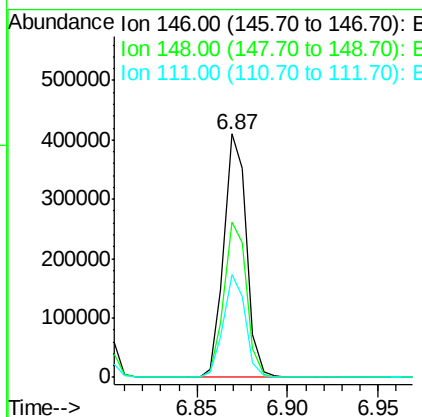
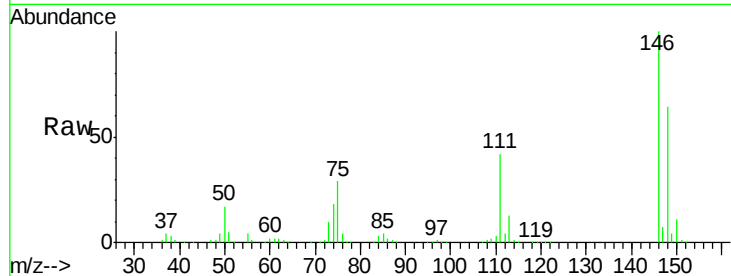


#13
 1,4-Dichlorobenzene
 Concen: 48.04 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-10-11-17MSD

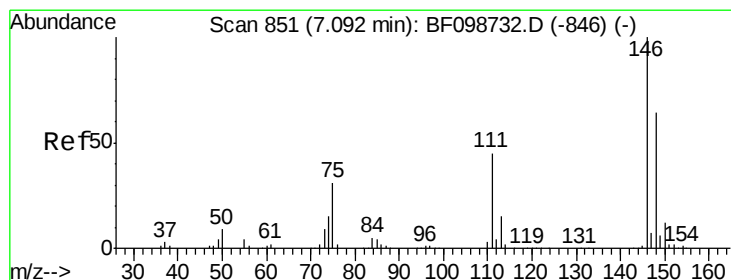
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	42.5	34.2	51.2

Manual Integrations
 APPROVED



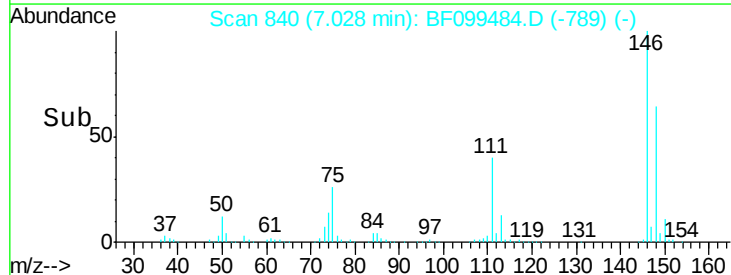
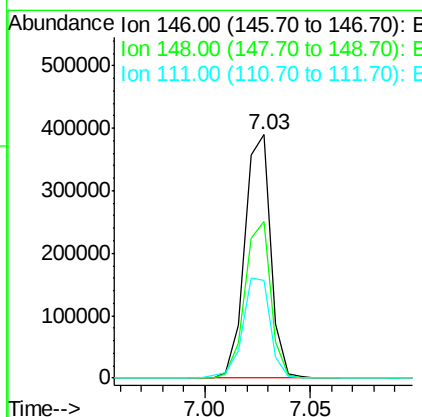
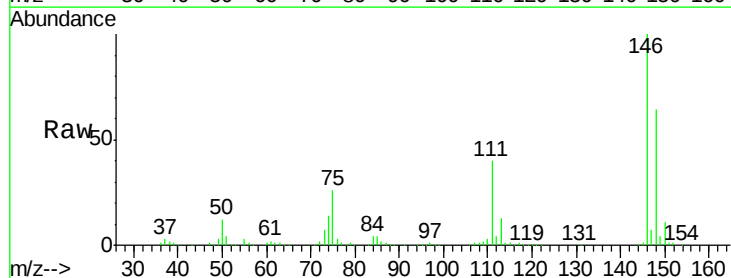
Sohil

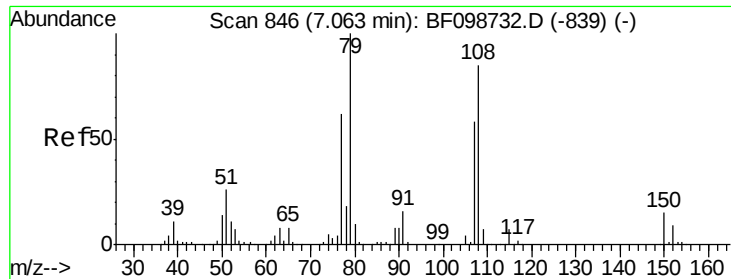
10/15/2017 12:41:24 PM



#14
 1,2-Dichlorobenzene
 Concen: 48.35 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
111	40.2	36.0	54.0



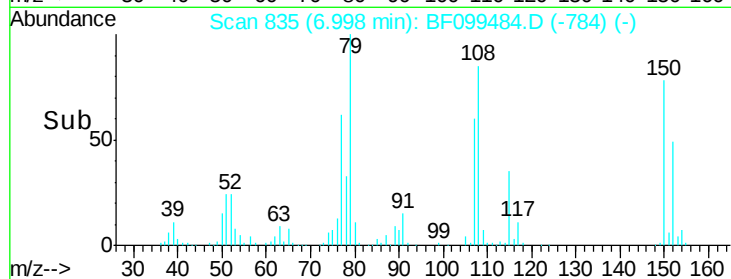
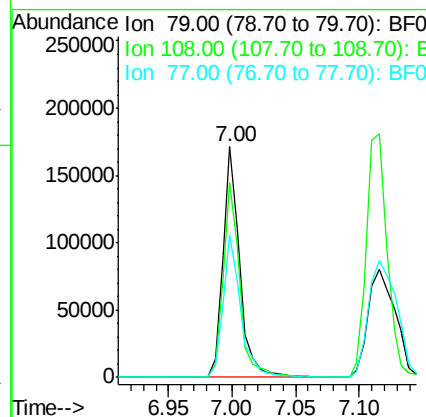
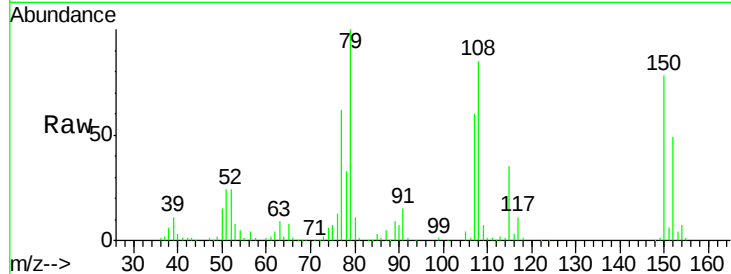


#15
Benzyl Alcohol
Concen: 28.80 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampled :
MW-10-10-11-17MSD

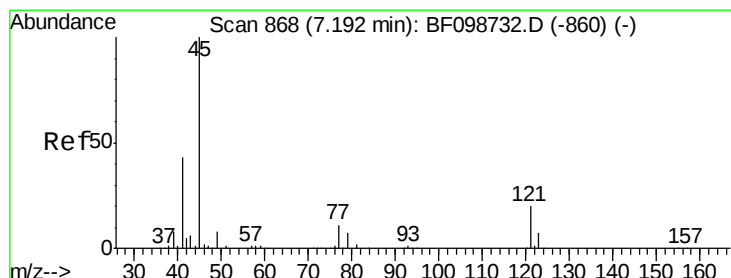
Tgt Ion: 79 Resp: 160343
Ion Ratio Lower Upper
79 100
108 84.9 65.1 97.7
77 61.9 50.6 75.8

Manual Integrations
APPROVED



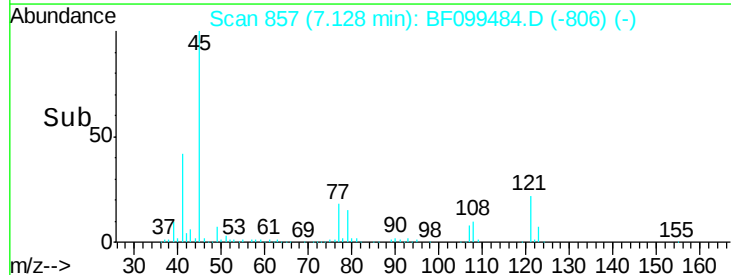
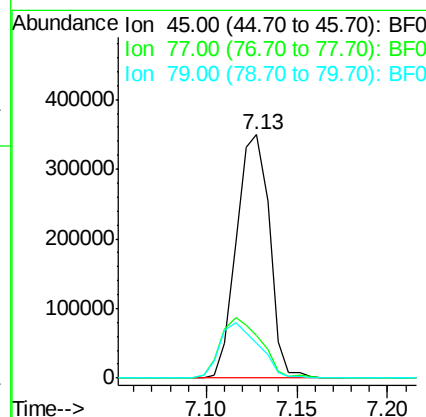
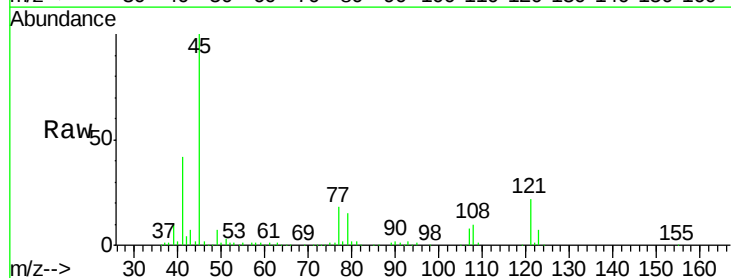
Sohil

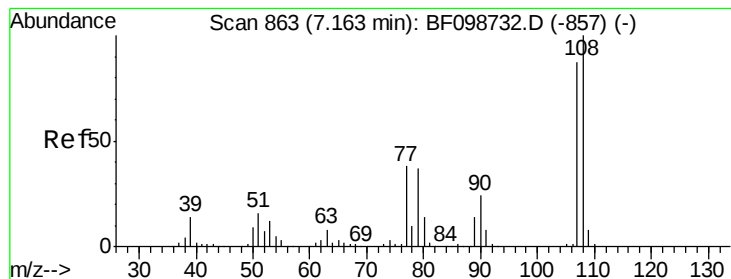
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.16 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion: 45 Resp: 443642
Ion Ratio Lower Upper
45 100
77 17.7 0.0 32.9
79 14.5 0.0 29.6





#17

2-Methylphenol

Concen: 32.13 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

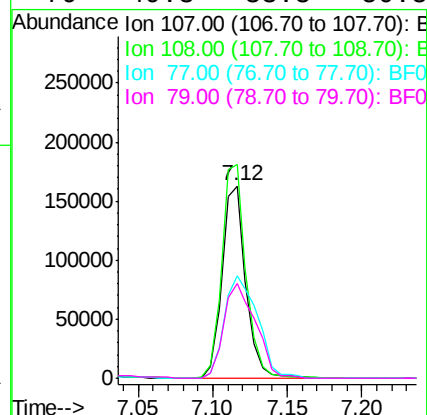
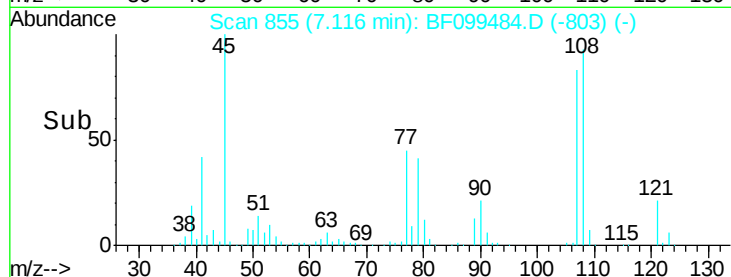
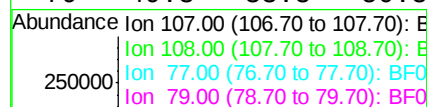
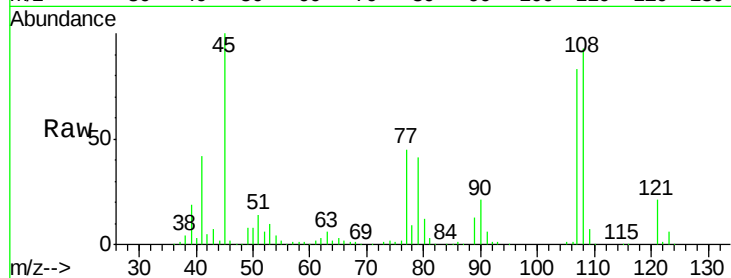
BNA_F

ClientSampleId :

MW-10-10-11-17MSD

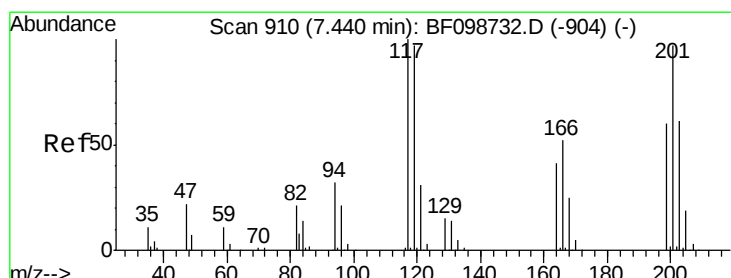
Tgt Ion:	107	Resp:	183164
Ion Ratio	Lower	Upper	
107	100		
108	111.1	91.7	137.5
77	53.6	33.8	50.8
79	49.3	33.8	50.8

Manual Integrations
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Sohil

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#18

Hexachloroethane

Concen: 46.22 ng

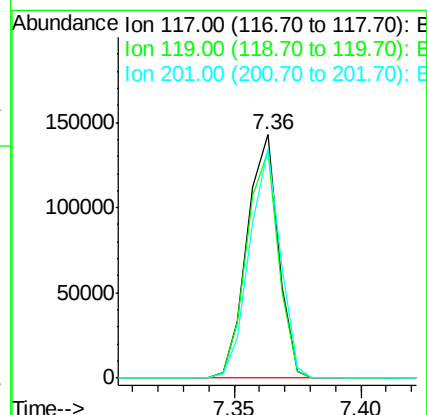
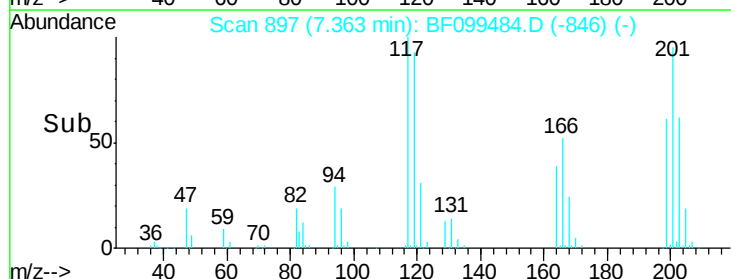
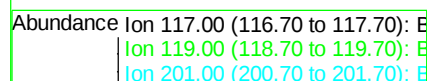
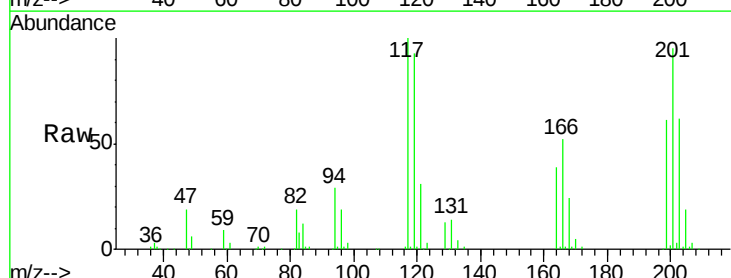
RT: 7.36 min Scan# 897

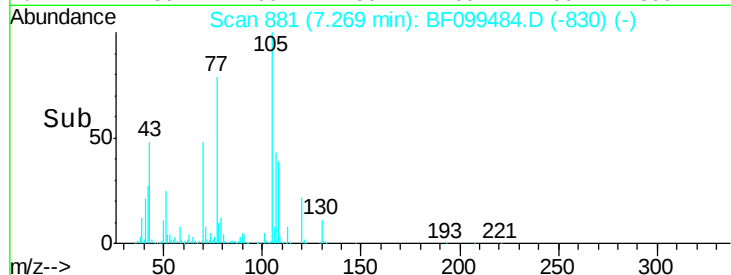
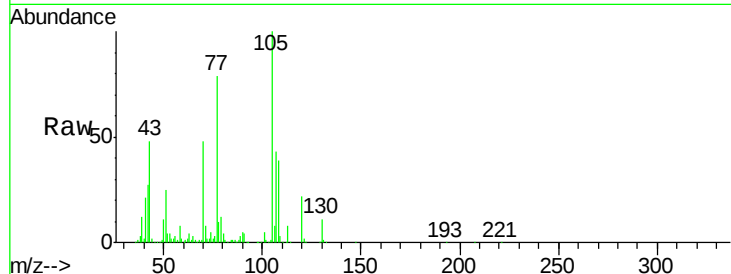
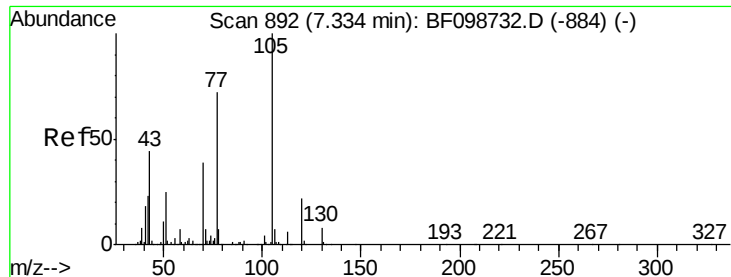
Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Tgt Ion:	117	Resp:	123315
Ion Ratio	Lower	Upper	
117	100		
119	93.4	75.8	113.8
201	94.5	75.7	113.5



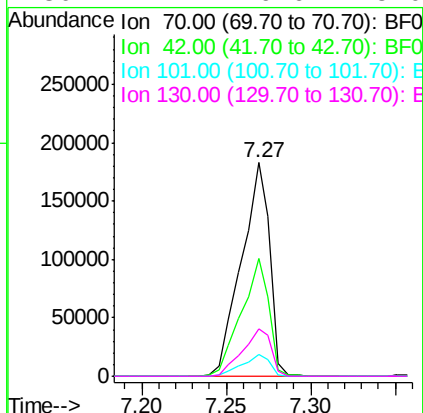


#19
n-Nitroso-di-n-propylamine
Concen: 44.14 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

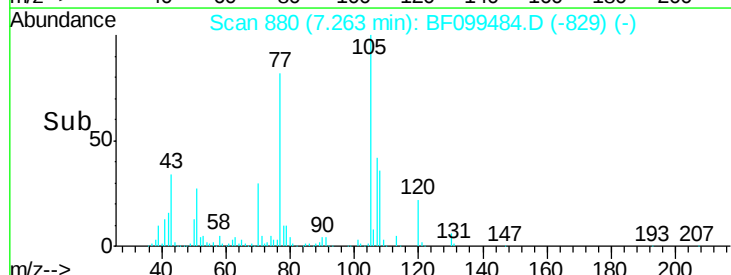
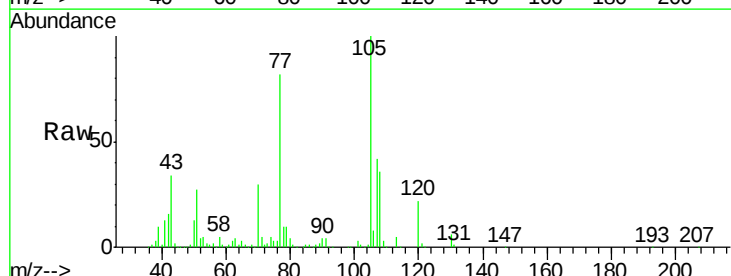
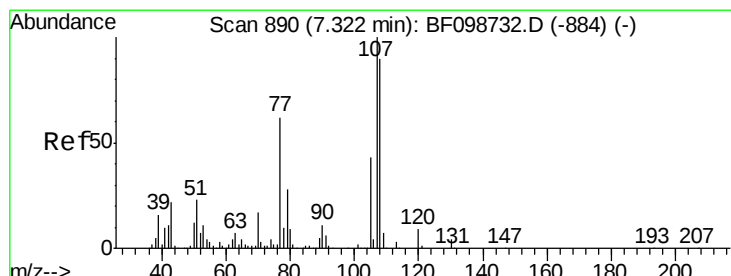
Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.3	47.5	71.3
101	10.5	7.4	11.2
130	22.4	16.6	25.0

Manual Integrations
APPROVED



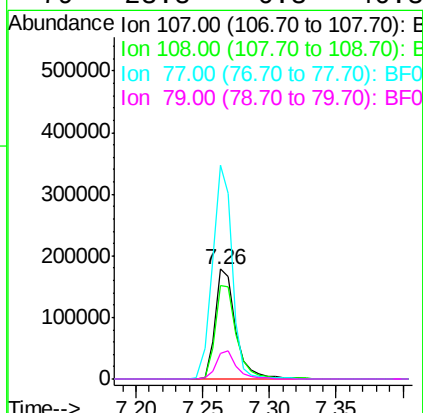
Sohil

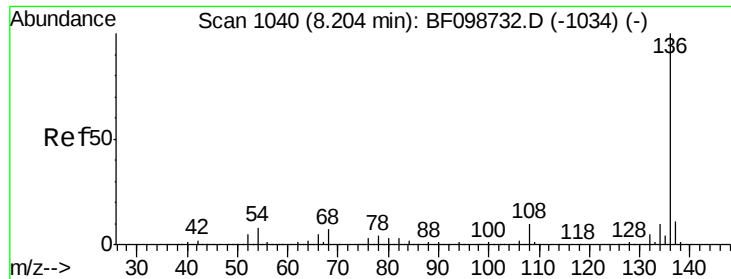
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#20
3+4-Methylphenols
Concen: 27.18 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.2	68.2	108.2
77	194.3	26.7	66.7#
79	23.8	6.3	46.3



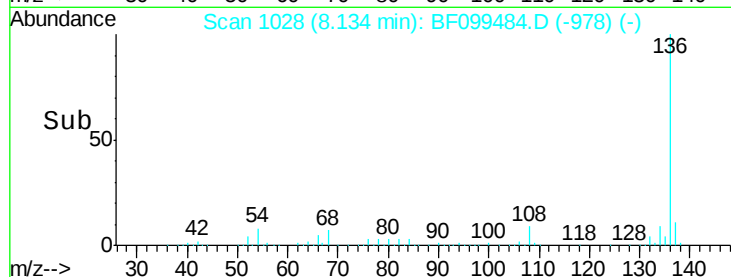
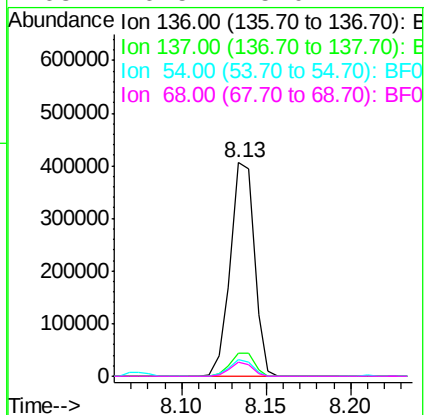
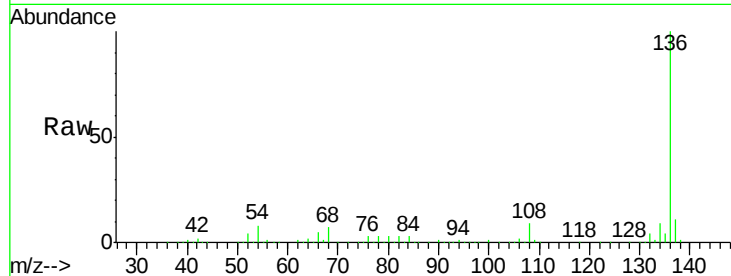


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

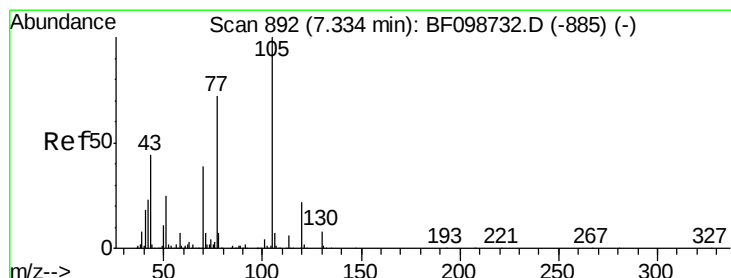
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	402319		
137	11.0		8.9	13.3
54	7.7		6.6	9.8
68	6.5		5.0	7.4

Manual Integrations
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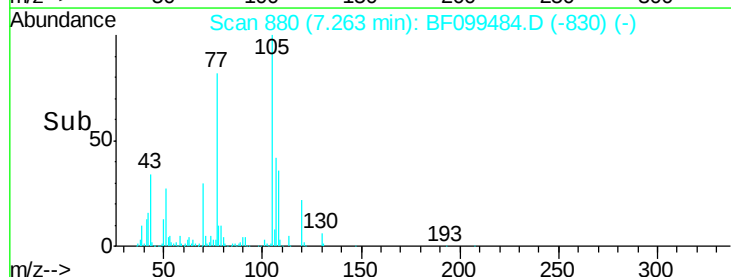
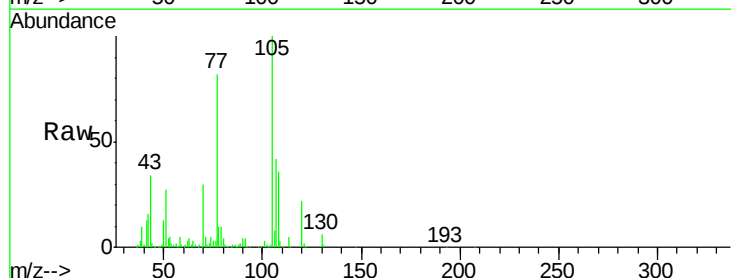
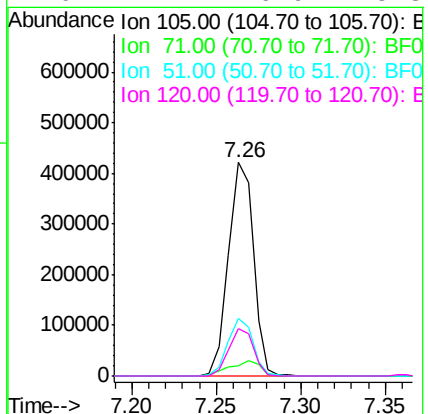
Sohil

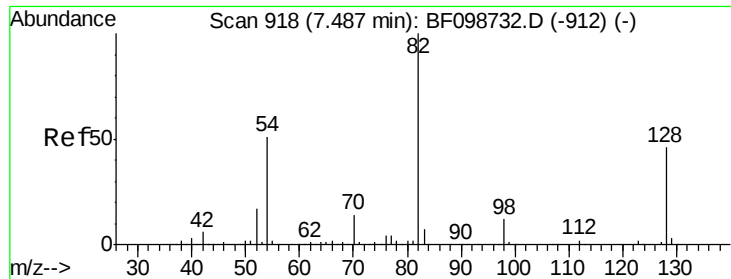
10/15/2017 12:41:24 PM



#22
Acetophenone
Concen: 44.66 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	435288		
71	4.9		4.4	6.6
51	27.2		22.3	33.5
120	22.1		16.9	25.3



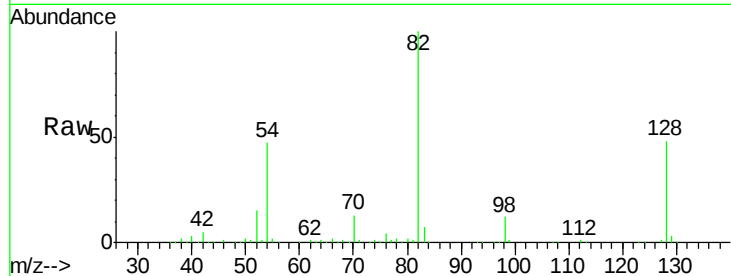


#23
 Nitrobenzene-d5
 Concen: 105.09 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

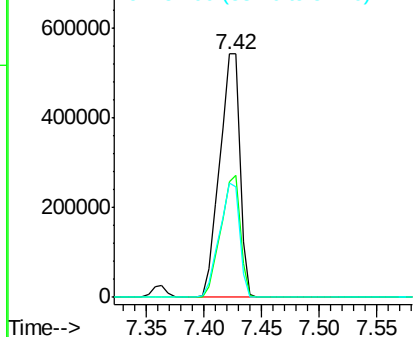
Instrument :
 BNA_F
 ClientSampleId :
 MW-10-10-11-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	659290		
128	47.5	36.1	54.1	
54	46.9	41.4	62.2	

Manual Integrations
 APPROVED

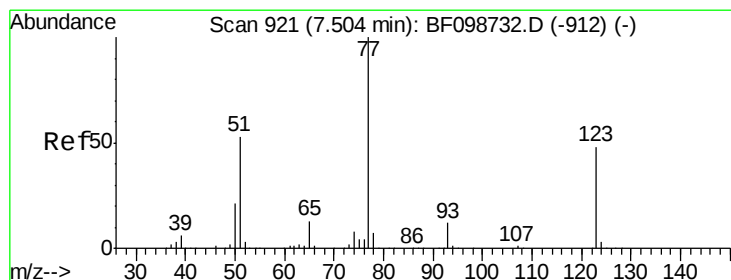
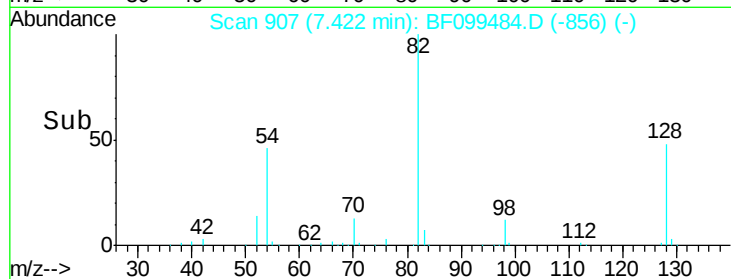


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



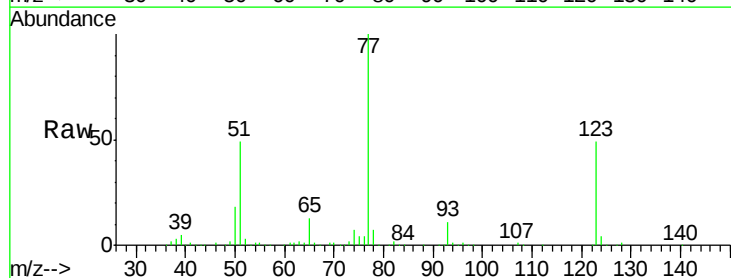
Sohil

10/15/2017 12:41:24 PM

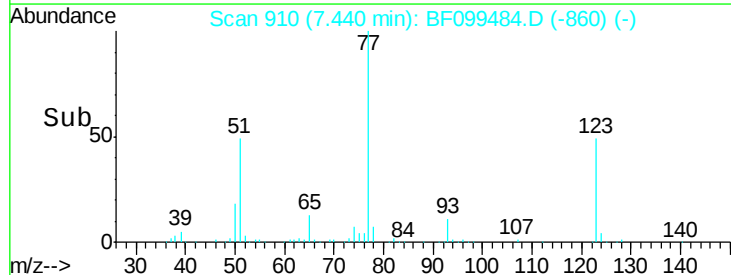
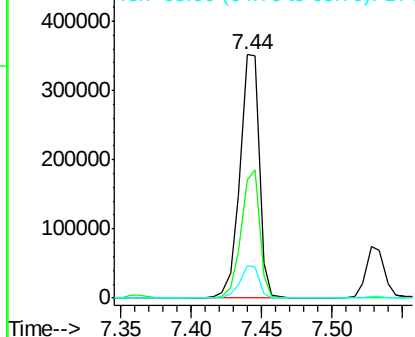


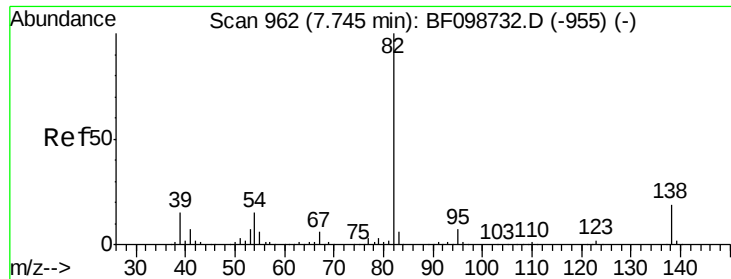
#24
 Nitrobenzene
 Concen: 47.19 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	335860		
123	48.7	37.9	56.9	
65	13.3	11.0	16.4	



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0



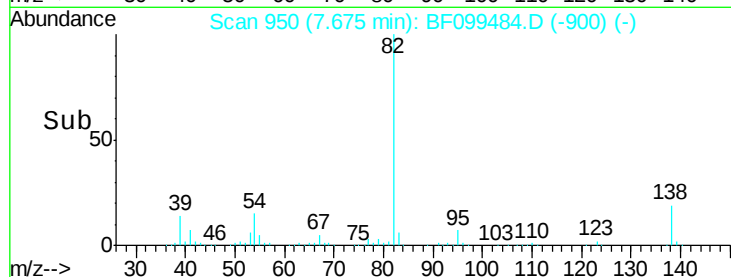
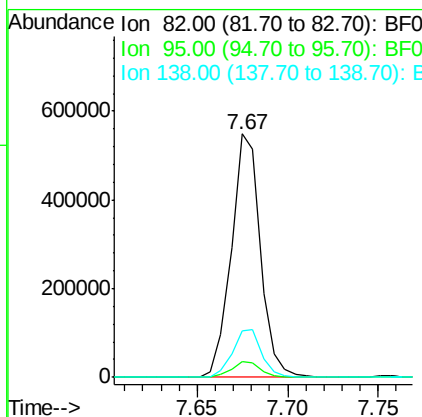
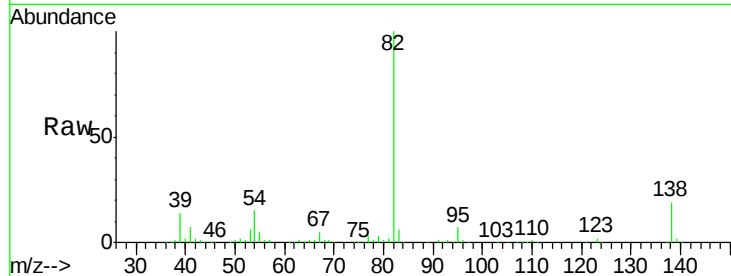


#25
Isophorone
Concen: 47.19 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

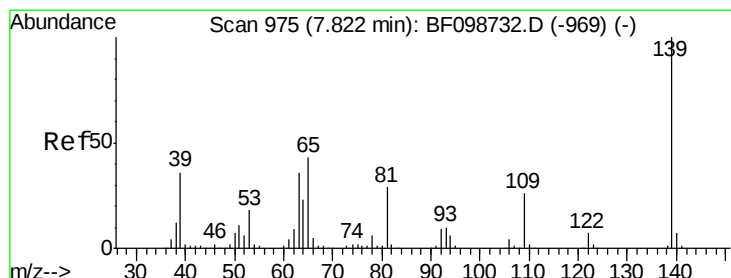
Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.2	7.8
138	19.0	14.9	22.3

Manual Integrations
APPROVED



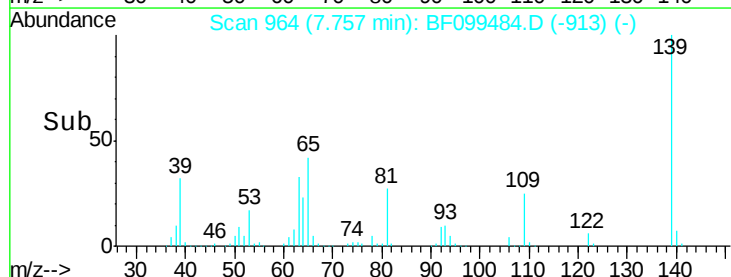
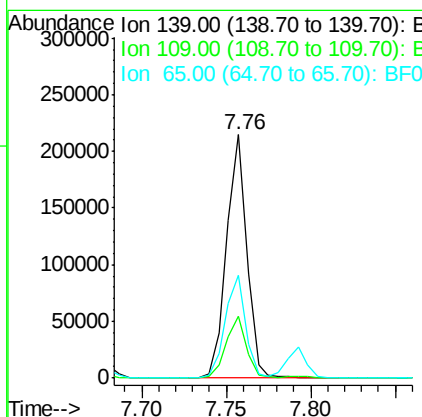
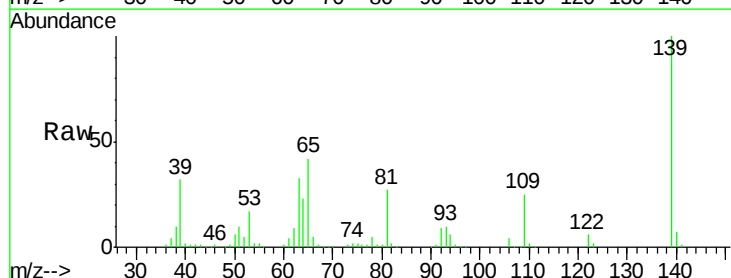
Sohil

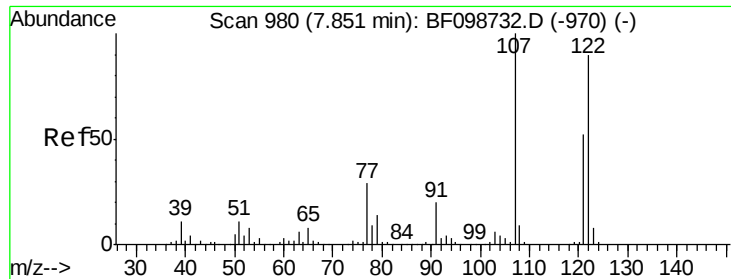
10/15/2017 12:41:24 PM



#26
2-Nitrophenol
Concen: 52.54 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.3	22.7	34.1
65	42.3	40.5	60.7



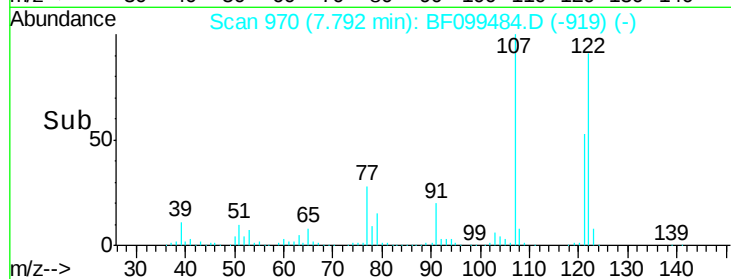
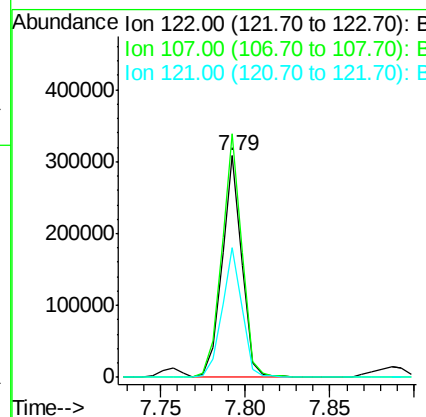
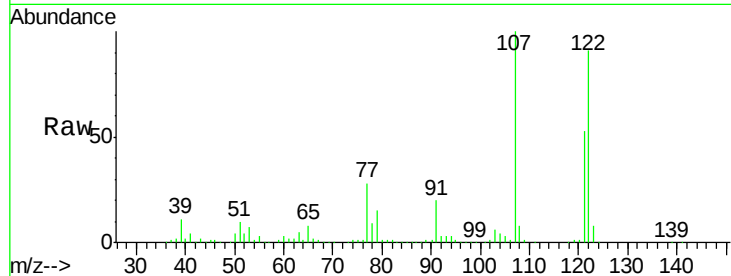


#27
 2,4-Dimethylphenol
 Concen: 39.05 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-10-11-17MSD

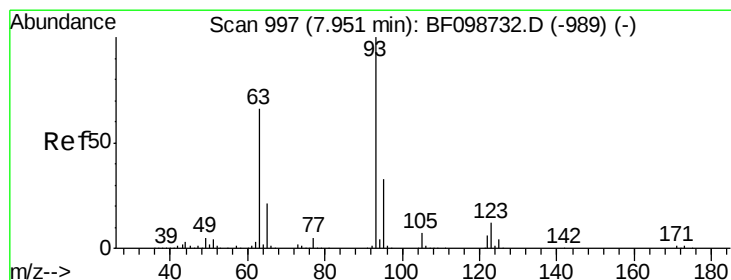
Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.8	91.2	136.8
121	58.7	47.2	70.8

Manual Integrations
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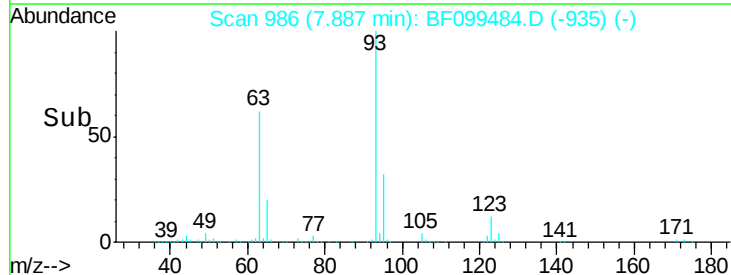
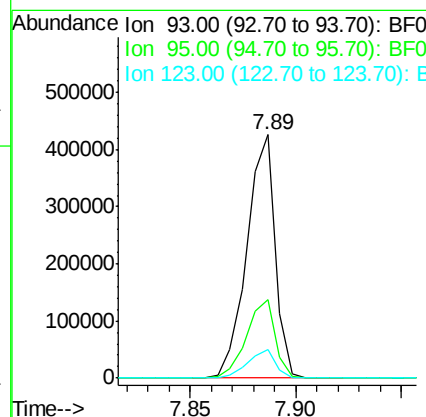
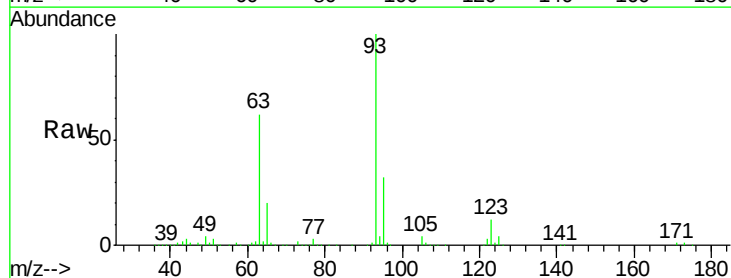
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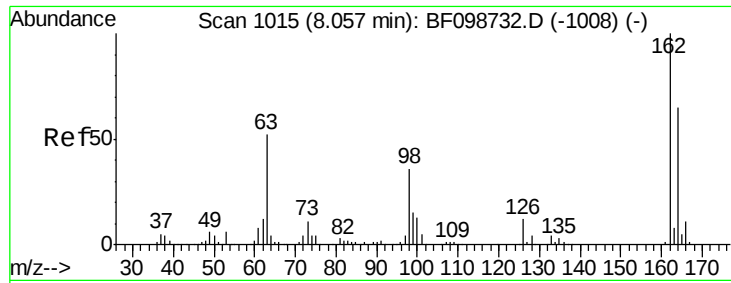
10/15/2017 12:41:24 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.03 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	11.8	9.8	14.6



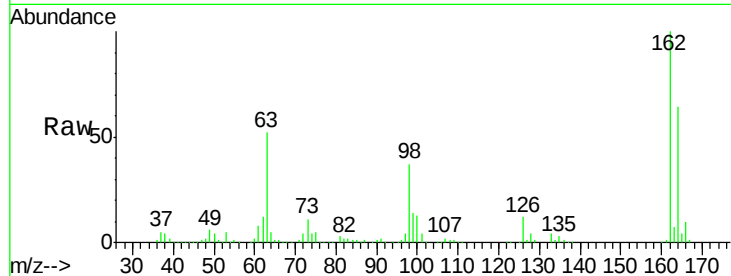


#29
 2,4-Dichlorophenol
 Concen: 45.00 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

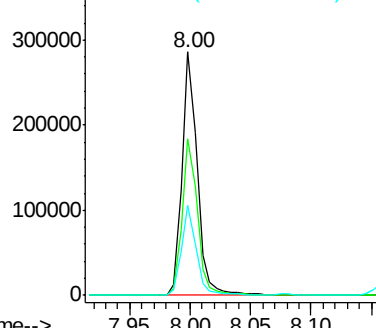
Instrument :
 BNA_F
 ClientSampleId :
 MW-10-10-11-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	249713		
164	64.3	42.7	82.7	
98	36.9	18.1	58.1	

Manual Integrations
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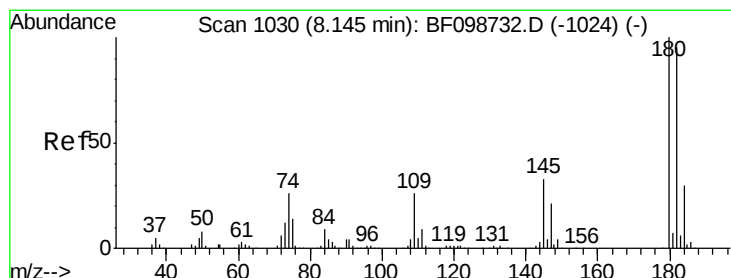
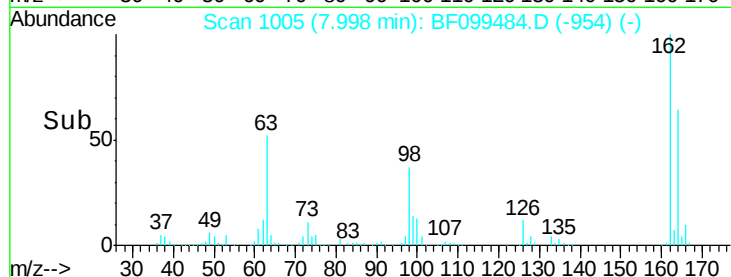


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0



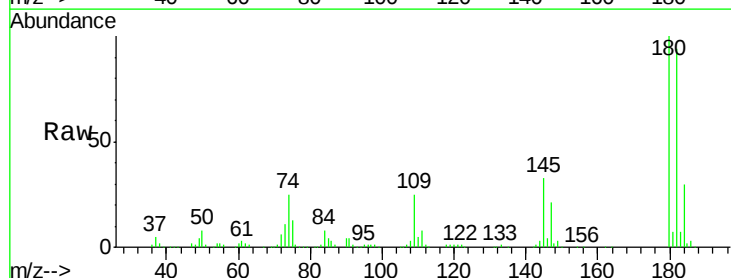
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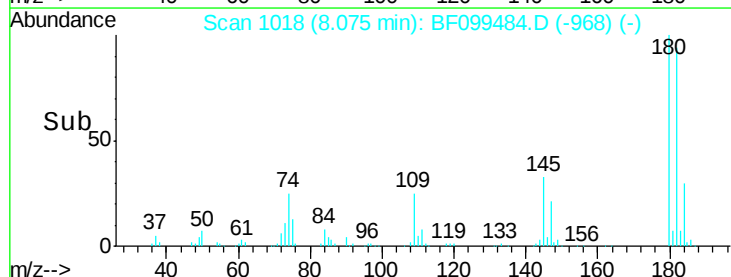
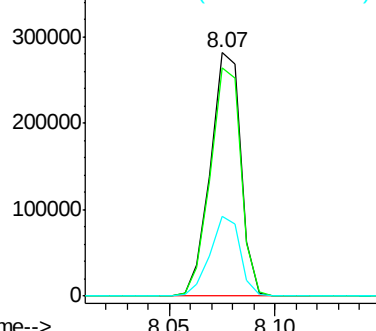


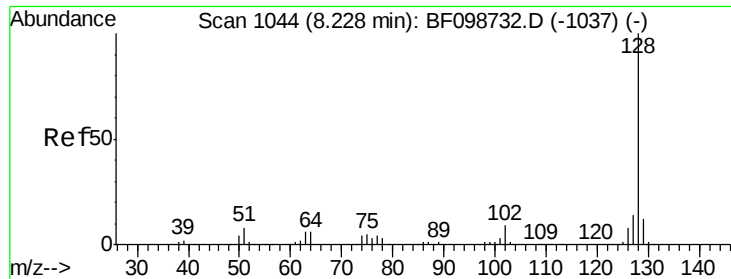
#30
 1,2,4-Trichlorobenzene
 Concen: 50.61 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	280845		
182	93.8	76.8	115.2	
145	32.8	26.5	39.7	



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



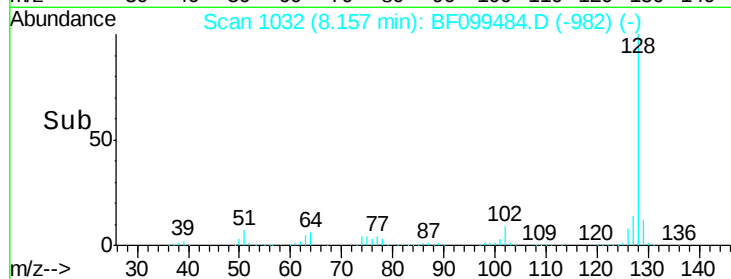
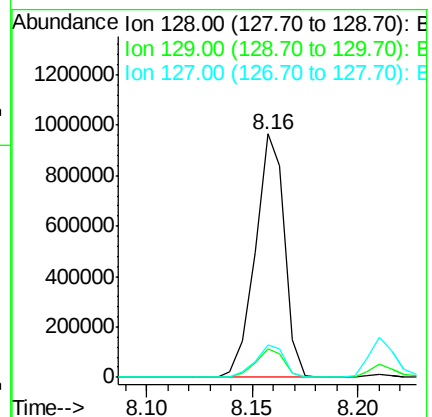
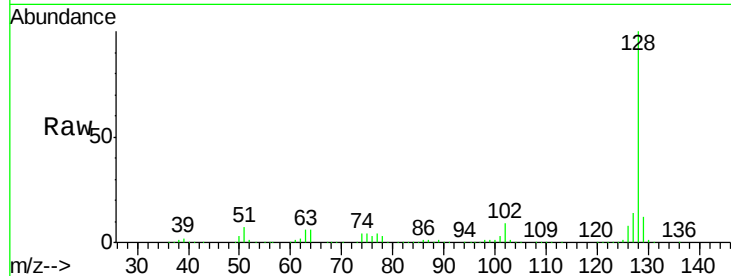


#31
Naphthalene
Concen: 49.14 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

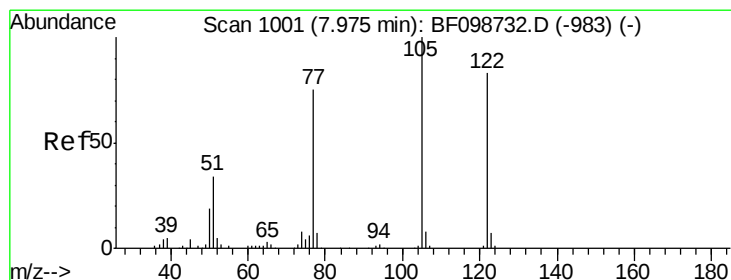
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.5	8.8	13.2
127	13.5	10.9	16.3

Manual Integrations
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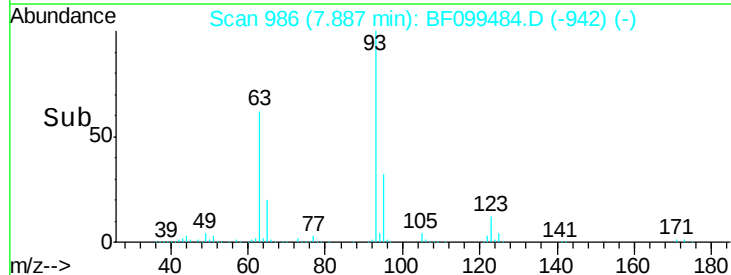
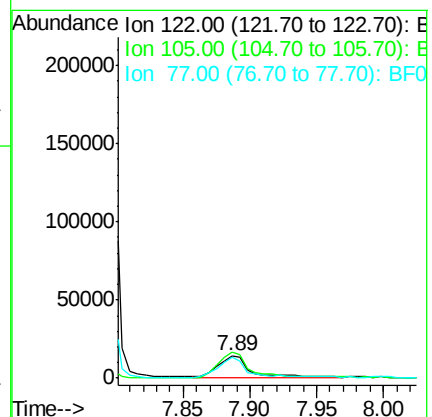
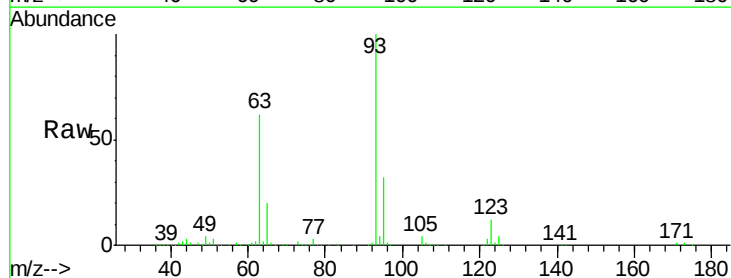
Sohil

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#32
Benzoic acid
Concen: 4.38 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.04 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	114.8	101.1	141.1
77	91.1	70.7	110.7



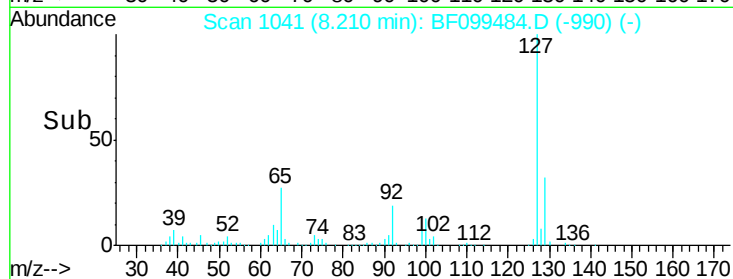
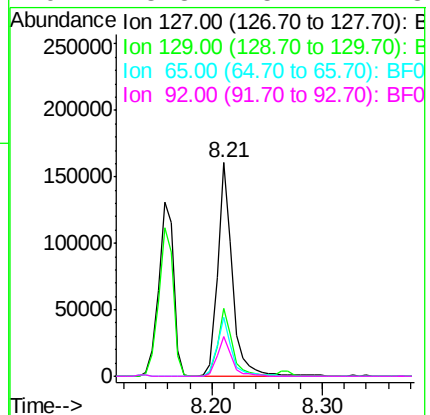
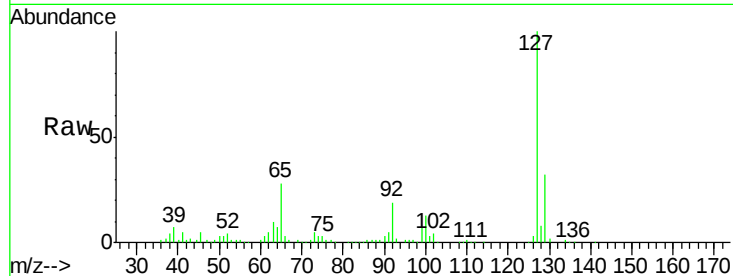


#33
4-Chloroaniline
Concen: 18.47 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

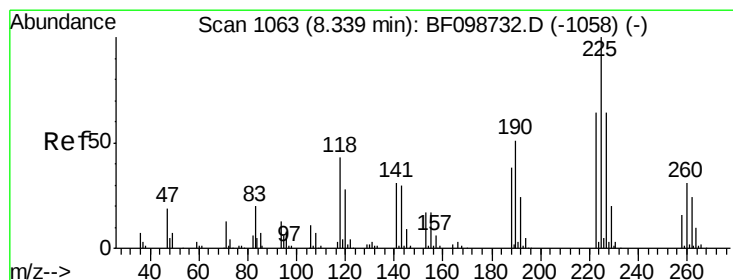
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	27.6	25.0	37.4
92	18.8	15.2	22.8

Manual Integrations
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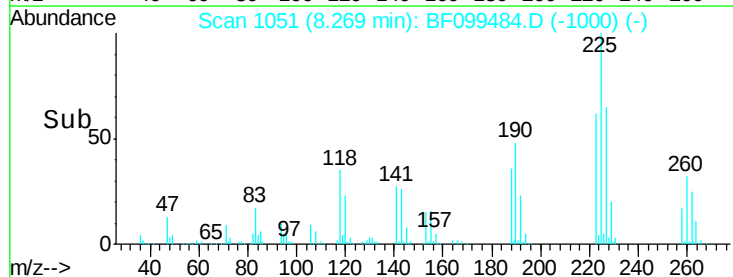
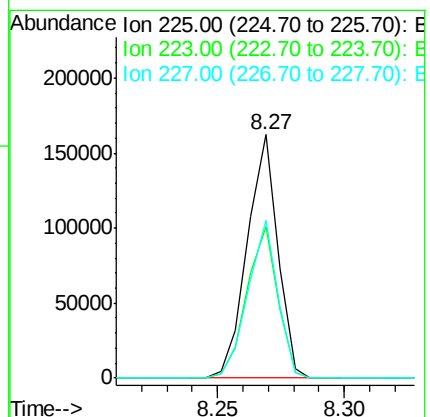
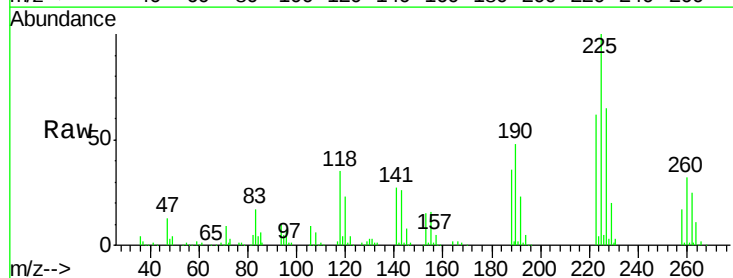
Sohil

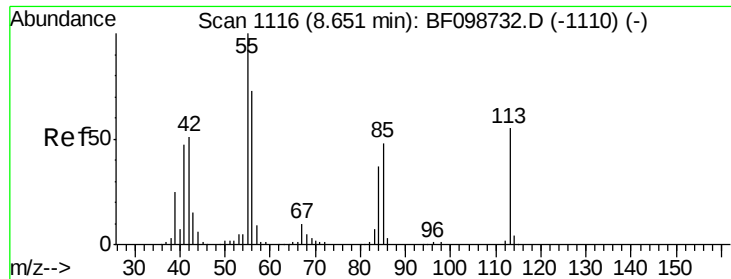
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#34
Hexachlorobutadiene
Concen: 47.63 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	64.6	51.9	77.9



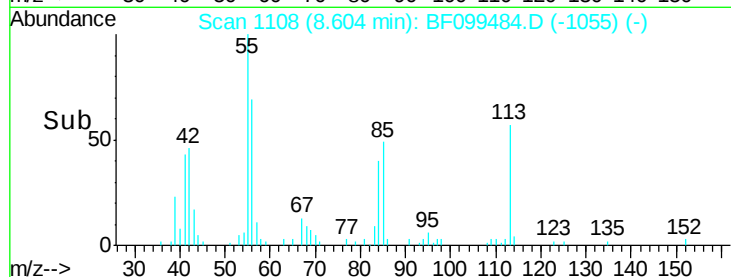
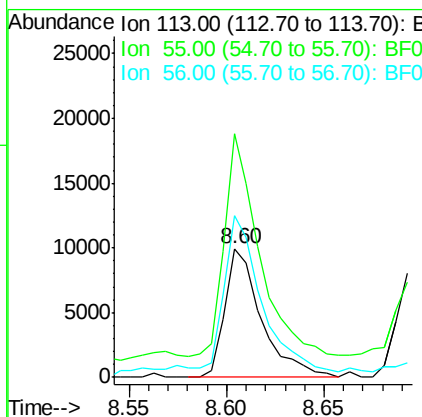
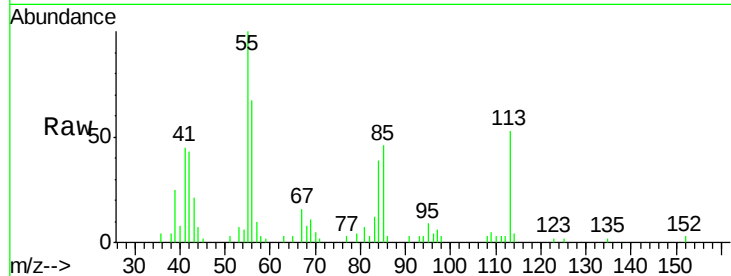


#35
 Caprolactam
 Concen: 7.26 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-10-11-17MSD

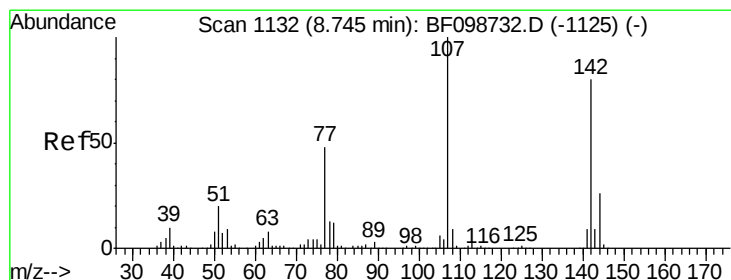
Tgt Ion	Ratio	Lower	Upper
113	100		
55	188.9	163.3	203.3
56	125.9	115.7	155.7

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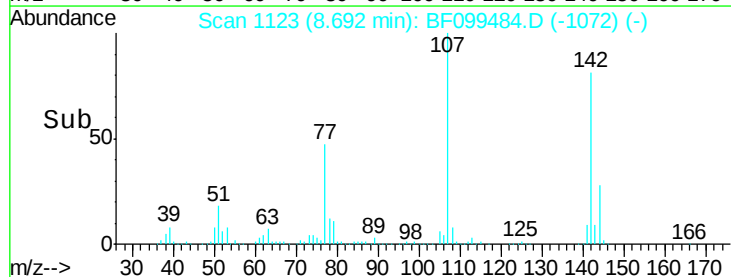
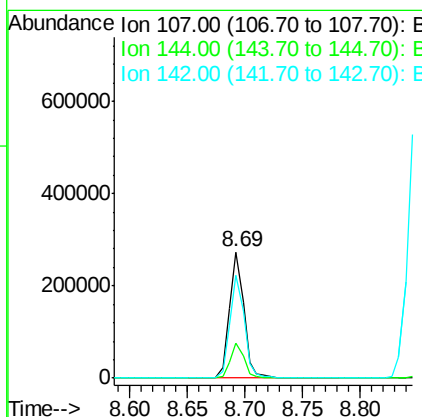
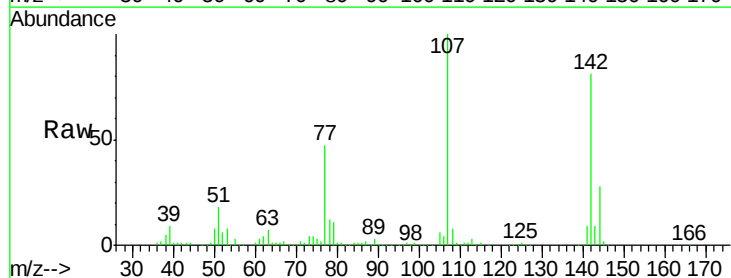
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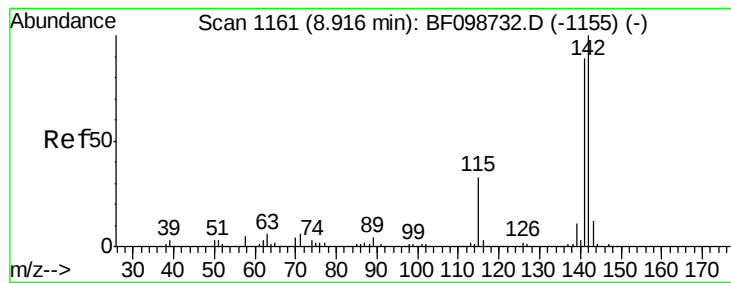
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#36
 4-Chloro-3-methylphenol
 Concen: 38.16 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	20.5	30.7
142	81.4	62.0	93.0



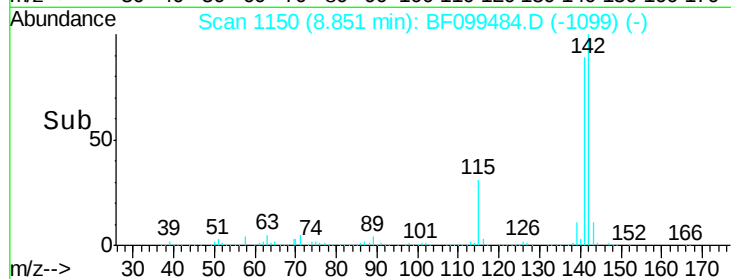
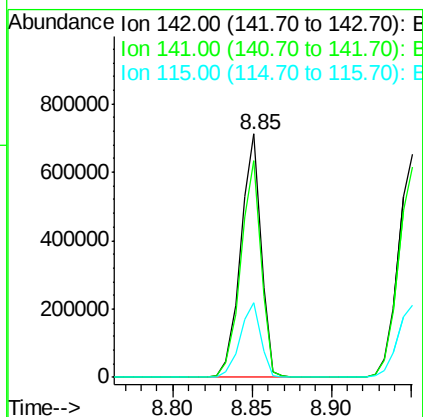
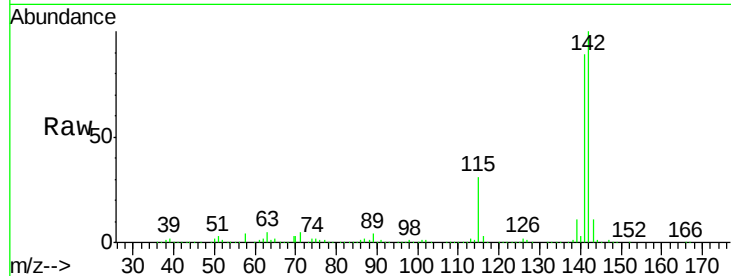


#37
2-Methylnaphthalene
Concen: 51.45 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

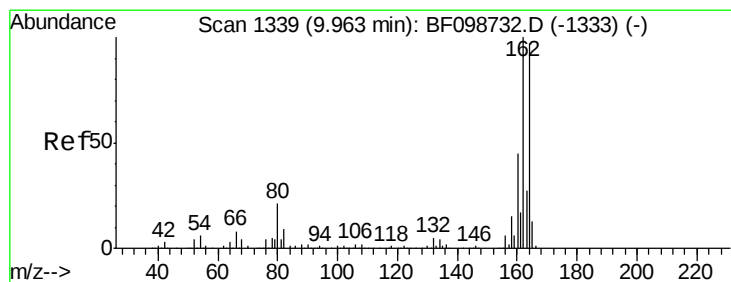
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	30.7	26.1	39.1

Manual Integrations
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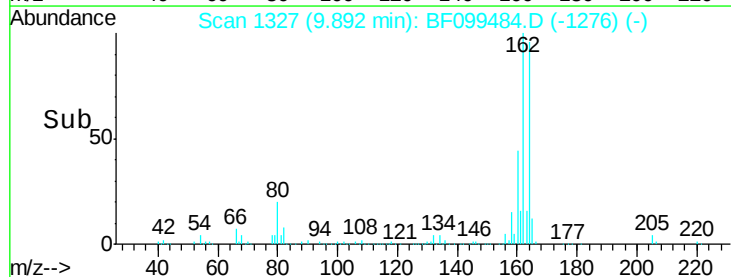
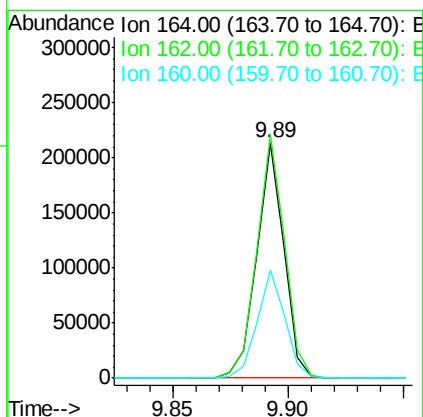
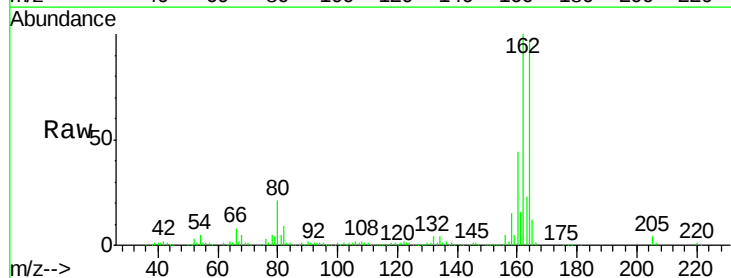
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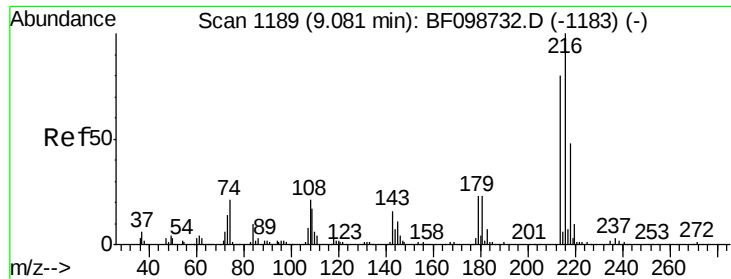
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	45.9	38.3	57.5



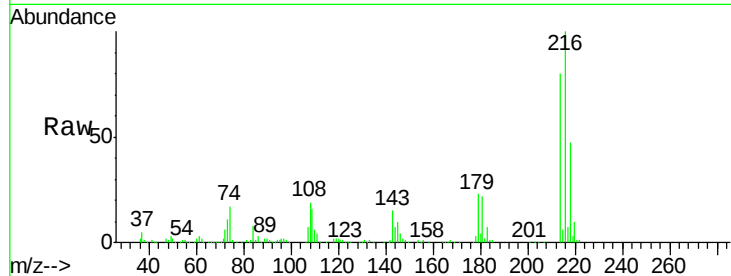


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.39 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

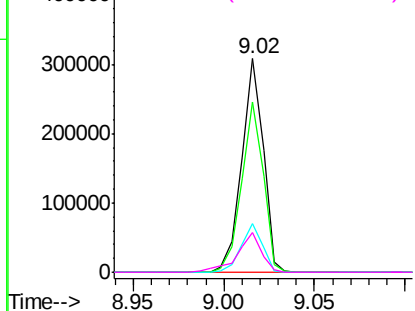
Instrument :
 BNA_F
 ClientSampleId :
 MW-10-10-11-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	253415		
214	80.1	63.0	94.4	
179	22.7	18.1	27.1	
108	20.4	17.2	25.8	

Manual Integrations
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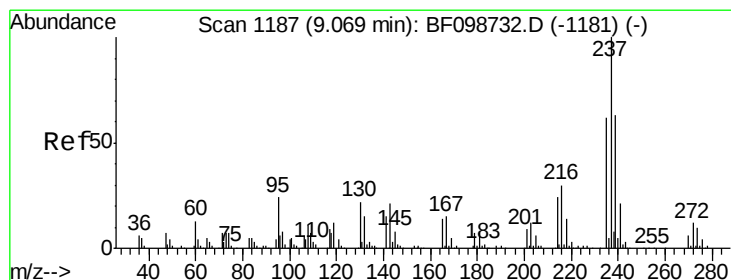


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



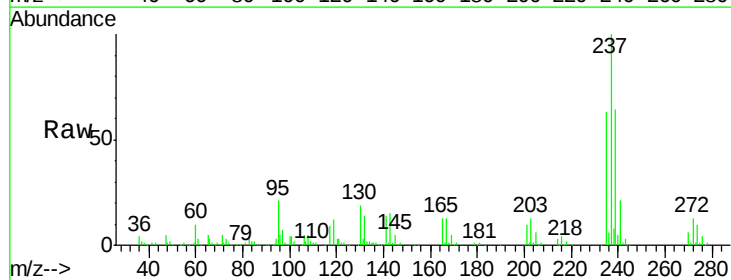
Sohil

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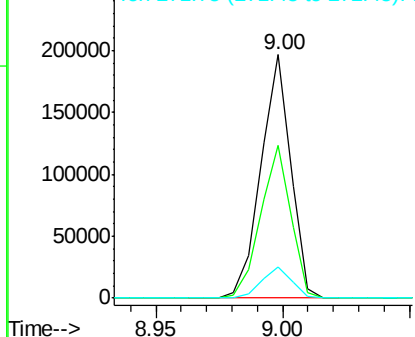


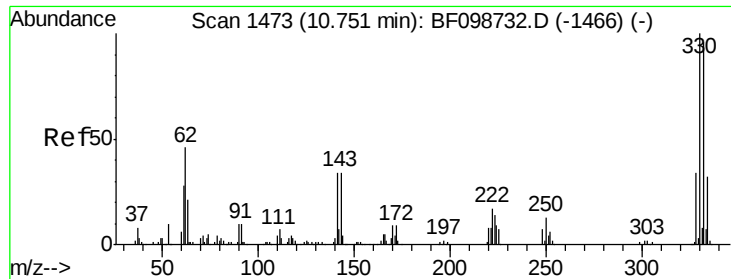
#40
 Hexachlorocyclopentadiene
 Concen: 67.64 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	161872		
235	62.8	44.8	84.8	
272	13.0	0.0	33.3	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E



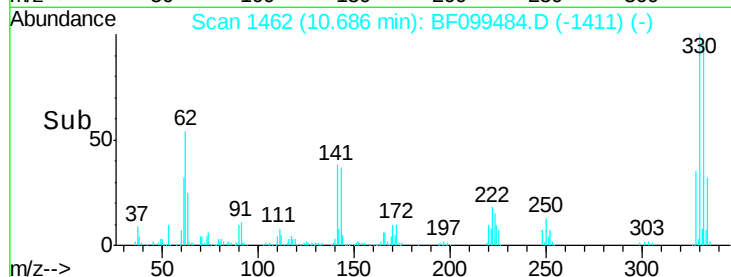
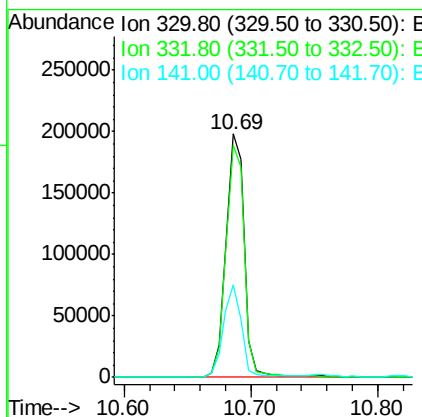
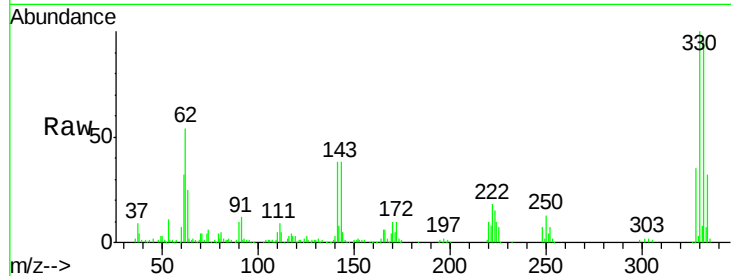


#41
 2,4,6-Tribromophenol
 Concen: 137.98 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-10-11-17MSD

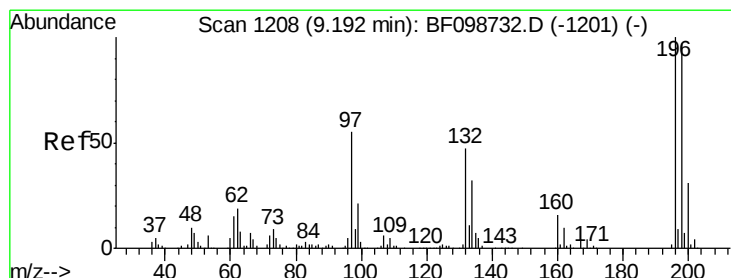
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	198246		
332	96.6	77.0	115.6	
141	37.4	29.9	44.9	

Manual Integrations
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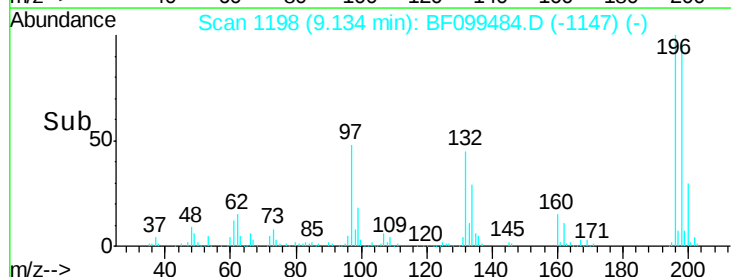
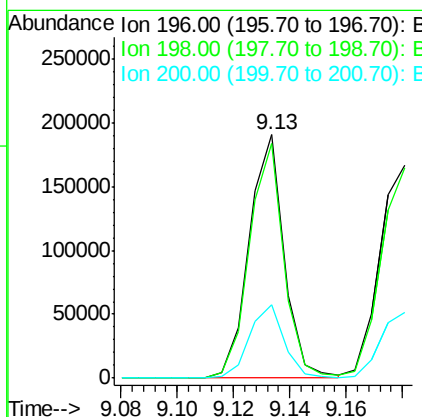
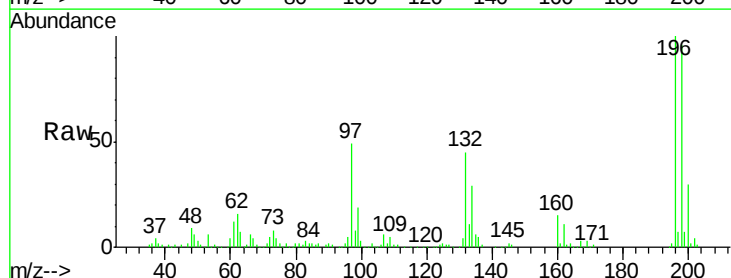
Sohil

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#42
 2,4,6-Trichlorophenol
 Concen: 43.98 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	163149		
198	96.2	75.7	113.5	
200	30.2	24.5	36.7	



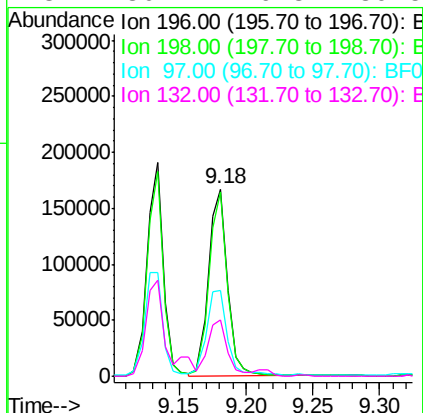
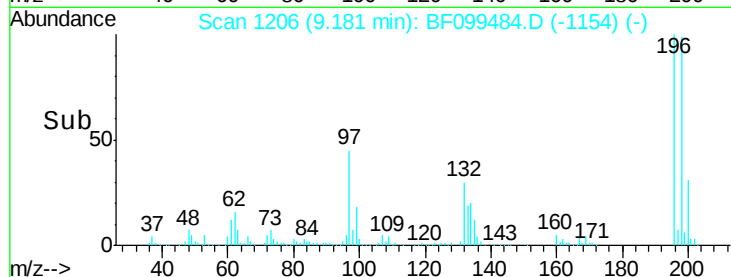
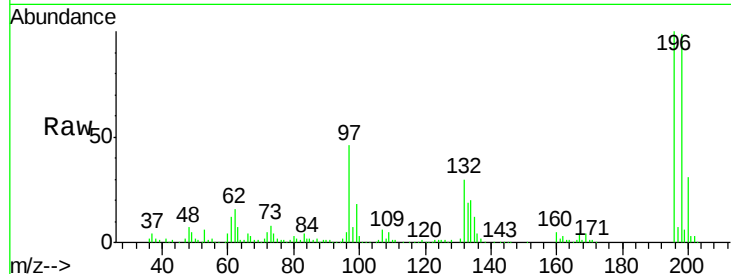


#43
 2,4,5-Trichlorophenol
 Concen: 45.39 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-10-11-17MSD

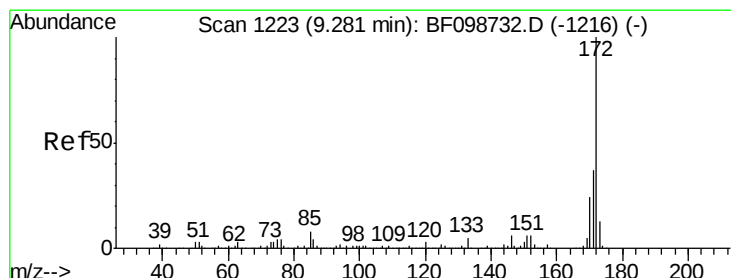
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	168096		
198	98.6	74.6	112.0	
97	45.8	42.9	64.3	
132	30.1	26.3	39.5	

Manual Integrations
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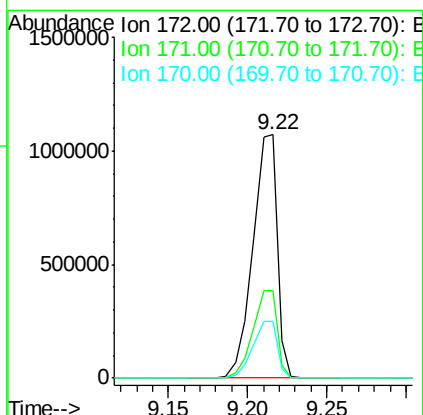
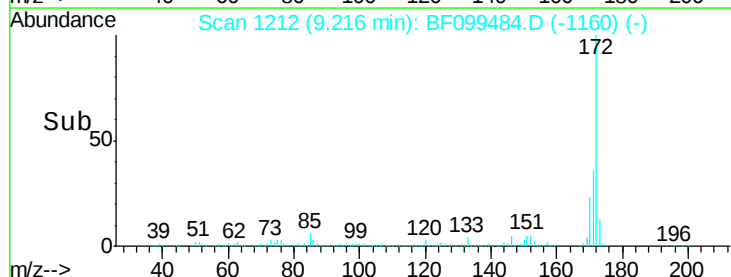
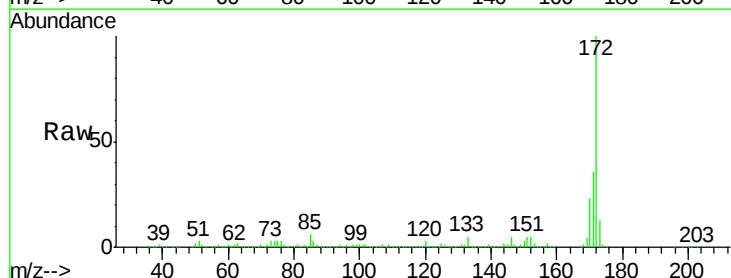
Sohil

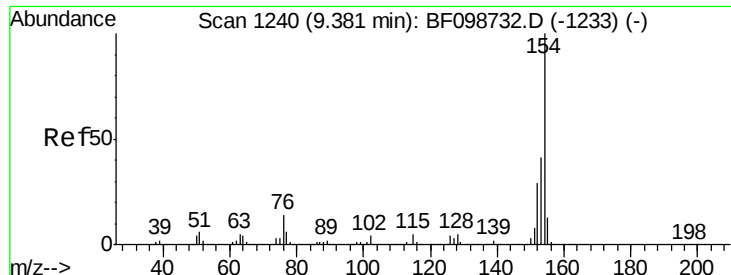
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#44
 2-Fluorobiphenyl
 Concen: 109.00 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1146424		
171	36.0	29.7	44.5	
170	23.4	19.6	29.4	



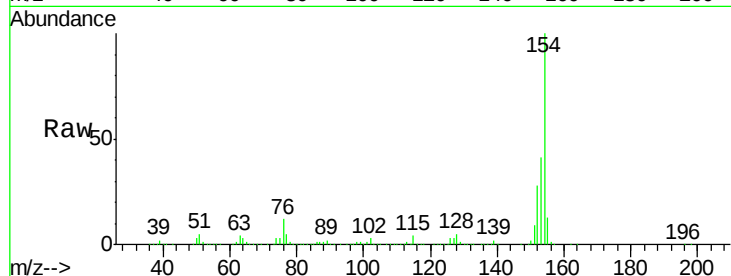


#45
 1,1'-Biphenyl
 Concen: 48.13 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

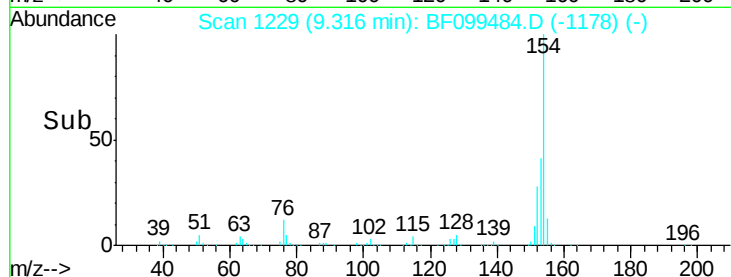
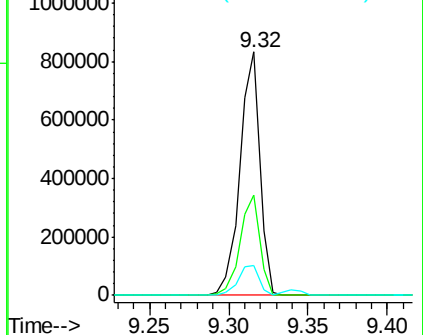
Instrument :
 BNA_F
 ClientSampleId :
 MW-10-10-11-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	726383		
153	41.4	21.3	61.3	
76	12.1	0.0	34.0	

Manual Integrations
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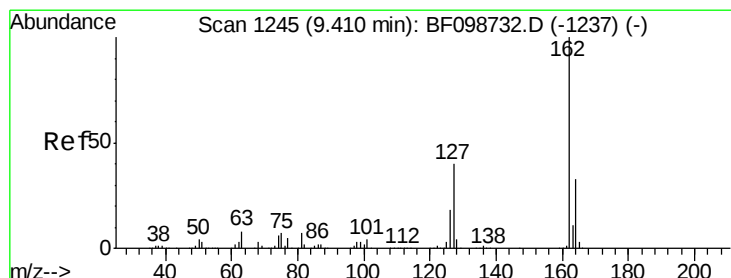


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



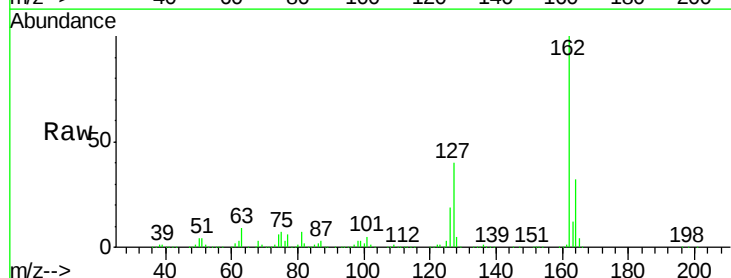
Sohil

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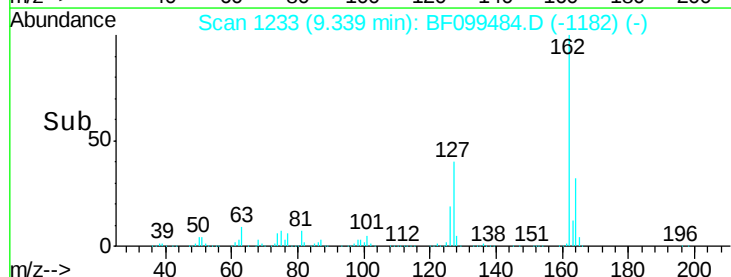
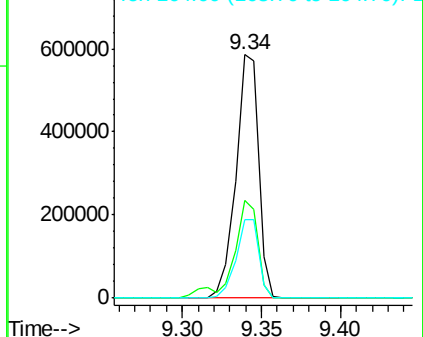


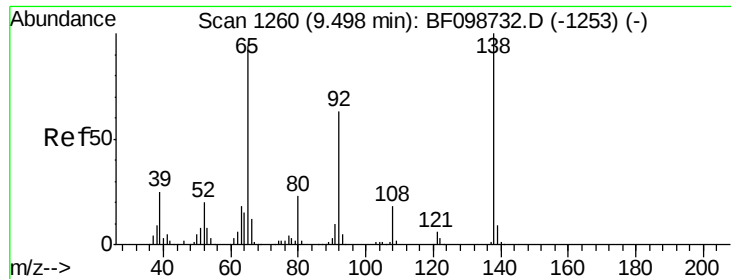
#46
 2-Chloronaphthalene
 Concen: 51.15 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	579493		
127	40.3	33.9	50.9	
164	32.4	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



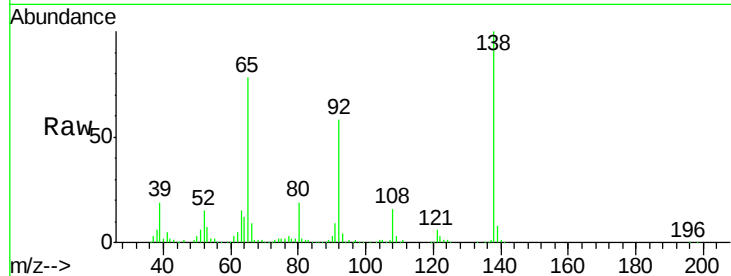


#47
2-Nitroaniline
Concen: 47.51 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

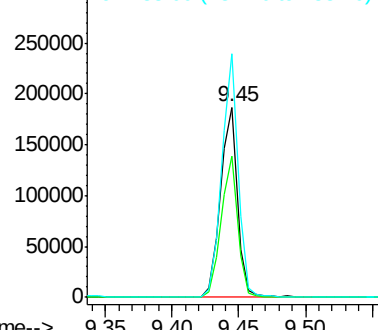
Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.4	55.8	83.6
138	128.1	91.2	136.8

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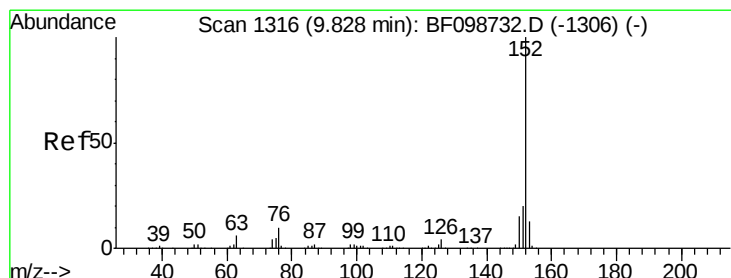
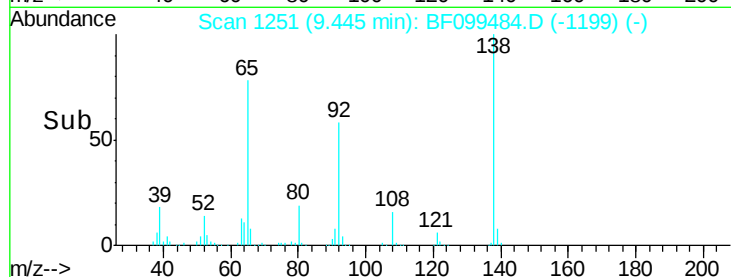


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



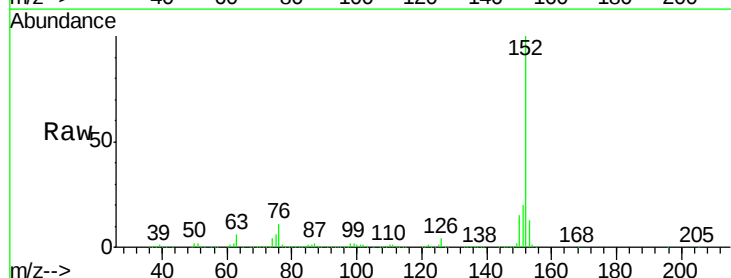
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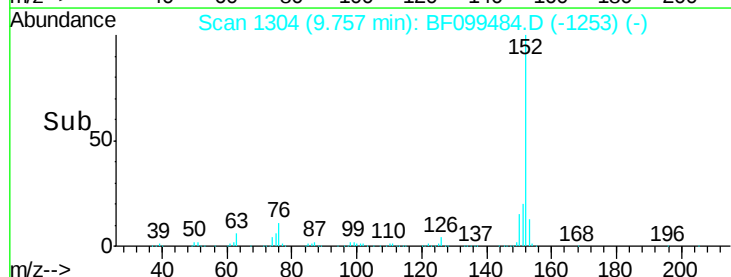
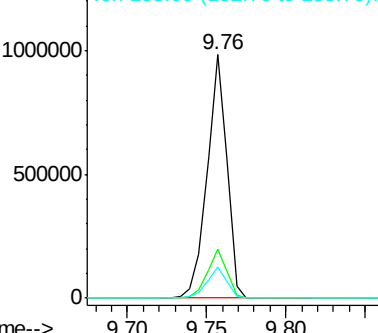


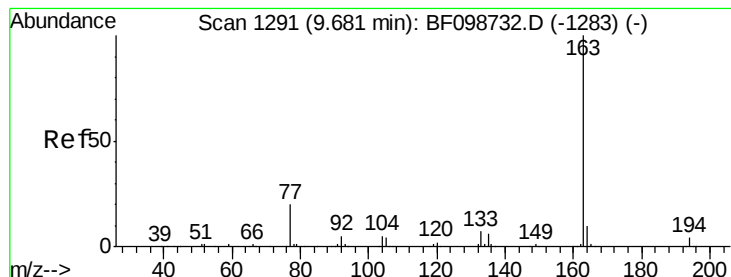
#48
Acenaphthylene
Concen: 48.91 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.0	10.7	16.1



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





#49

Dimethylphthalate

Concen: 51.18 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

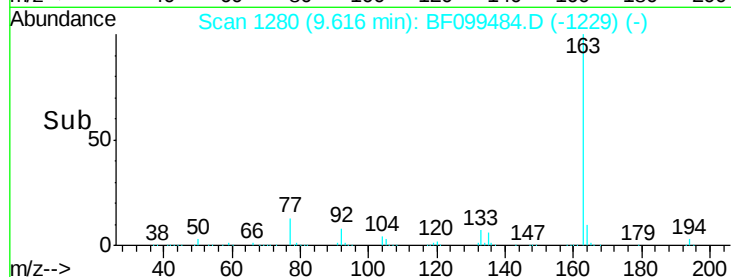
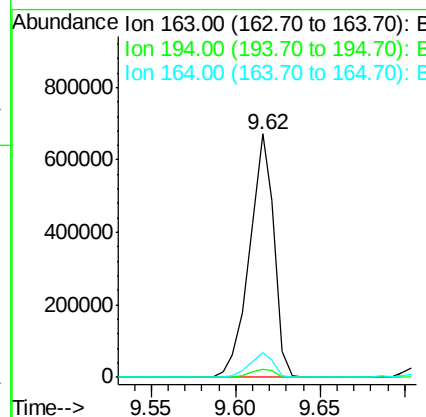
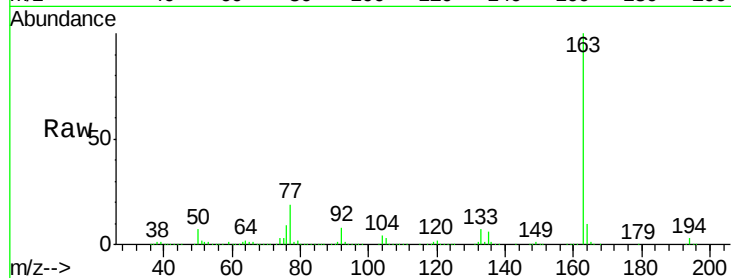
BNA_F

ClientSampled :

MW-10-10-11-17MSD

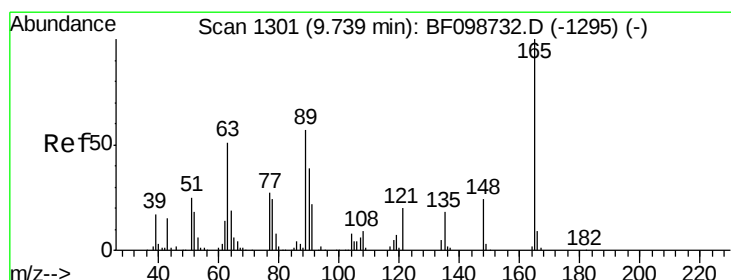
Tgt Ion:	163	Resp:	678231
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	10.2	8.2	12.2

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 52.14 ng

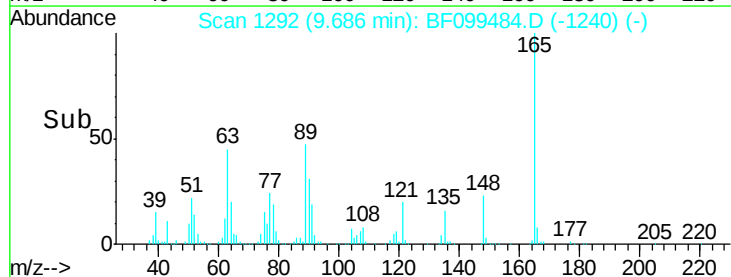
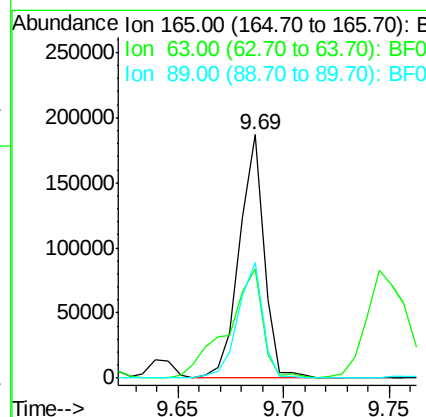
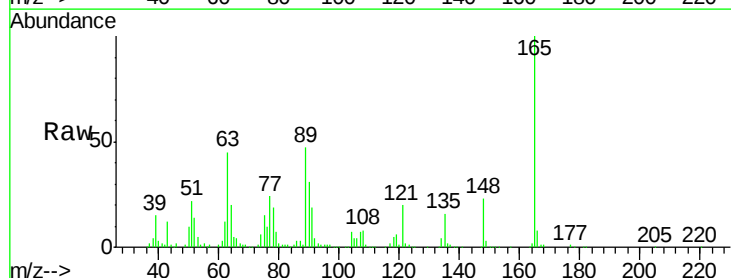
RT: 9.69 min Scan# 1292

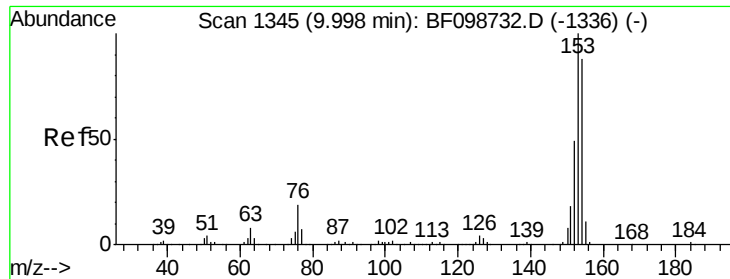
Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Tgt Ion:	165	Resp:	150436
Ion Ratio	Lower	Upper	
165	100		
63	45.0	44.7	67.1
89	47.2	44.0	66.0





#51

Acenaphthene

Concen: 45.28 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

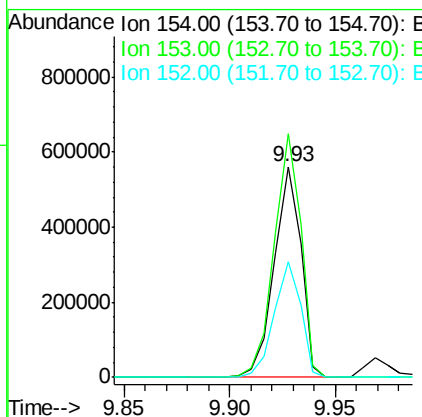
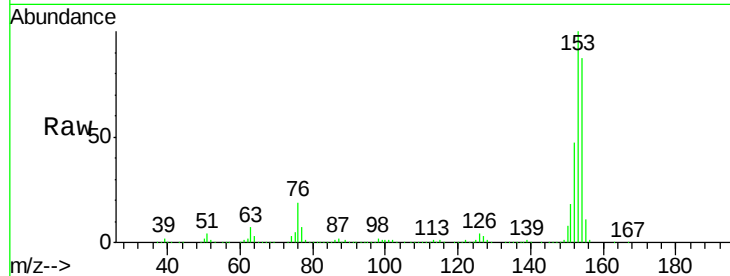
BNA_F

ClientSampleId :

MW-10-10-11-17MSD

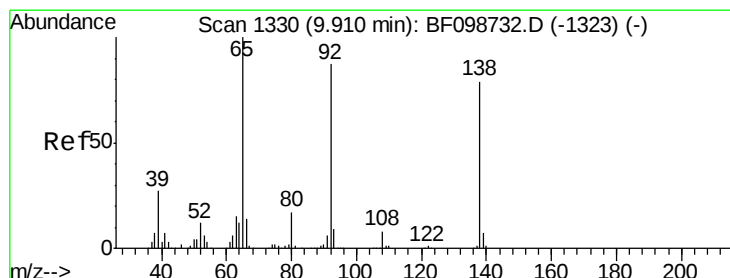
Tgt Ion:	154	Resp:	497441
Ion Ratio	Lower	Upper	
154	100		
153	115.4	91.2	136.8
152	54.8	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 24.16 ng

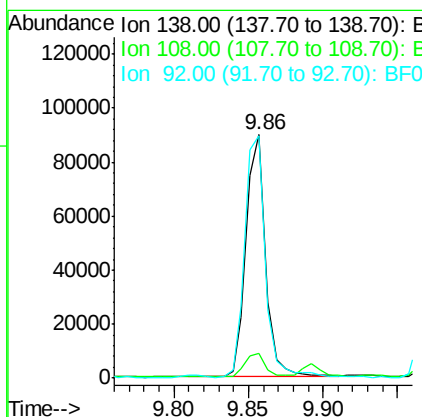
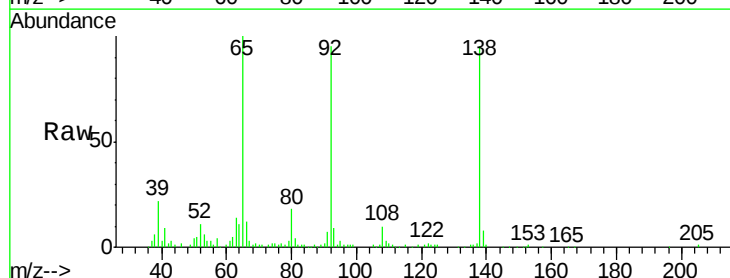
RT: 9.86 min Scan# 1321

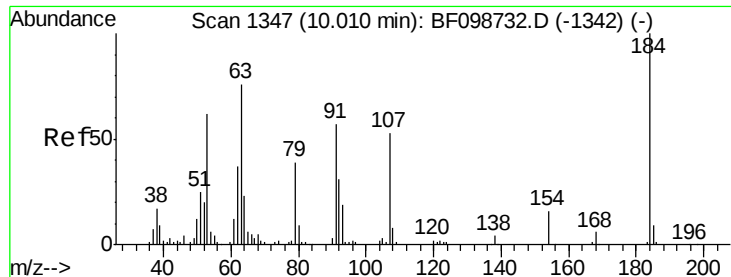
Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Tgt Ion:	138	Resp:	81282
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.4	14.0
92	99.6	89.4	134.2



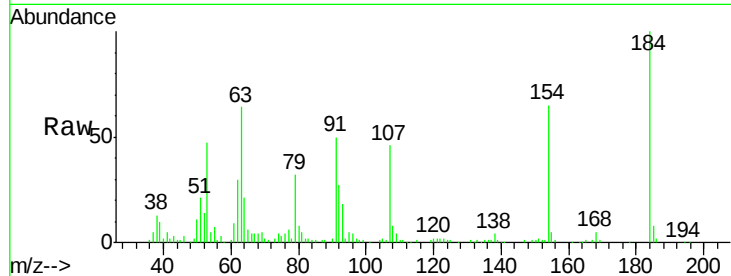


#53
2,4-Dinitrophenol
Concen: 55.67 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

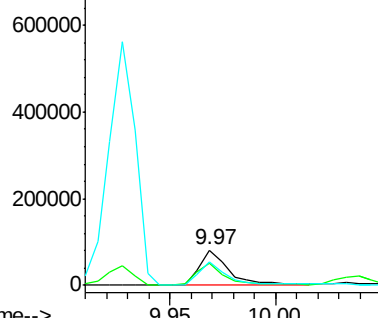
Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	80746		
63	64.3	54.2	81.2	
154	65.5	53.5	80.3	

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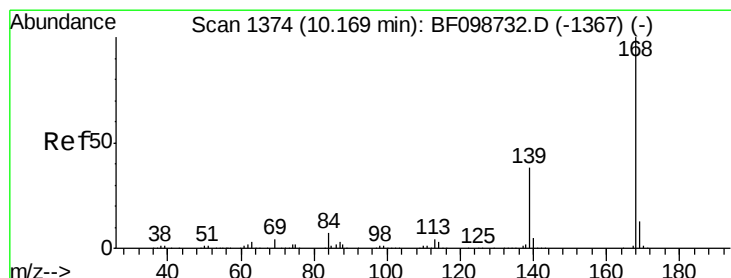
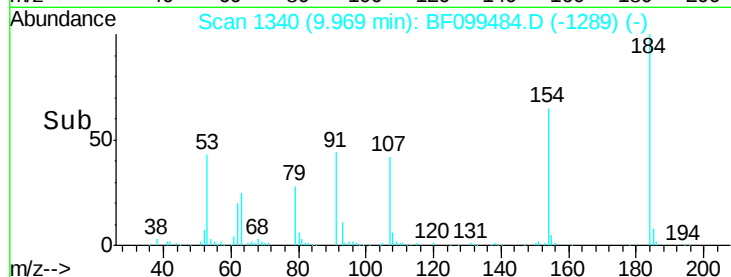


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E



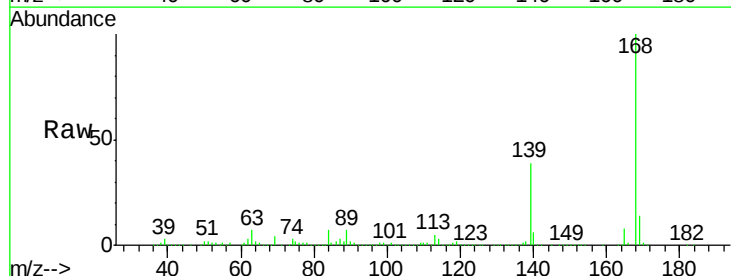
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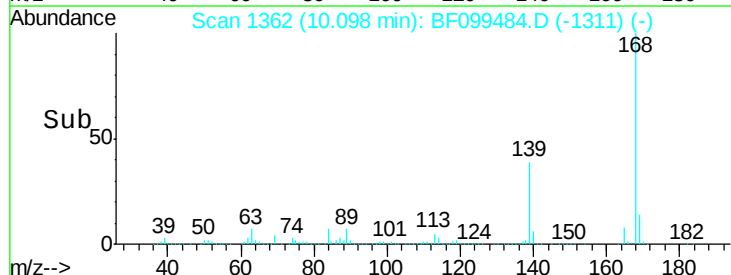
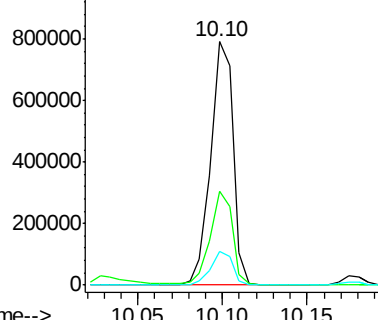


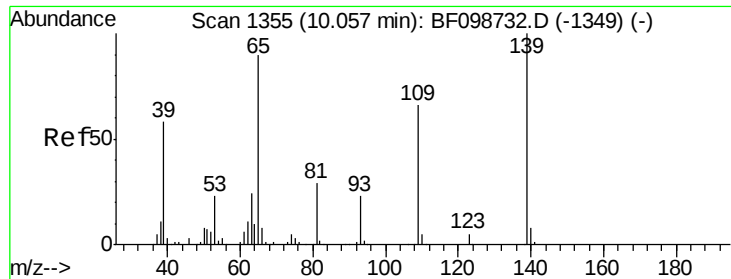
#54
Dibenzofuran
Concen: 50.07 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	732409		
139	38.7	30.1	45.1	
169	13.8	10.9	16.3	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



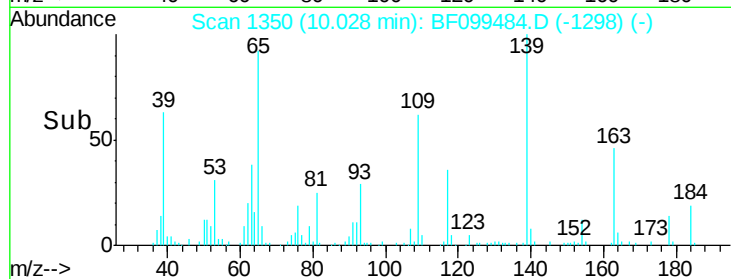
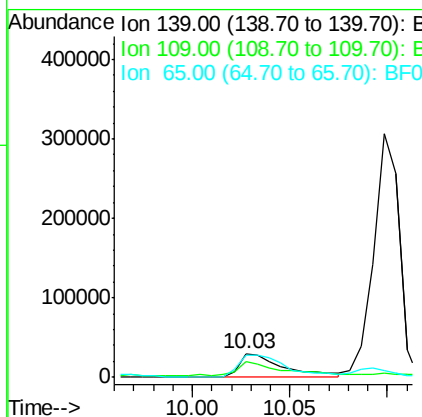
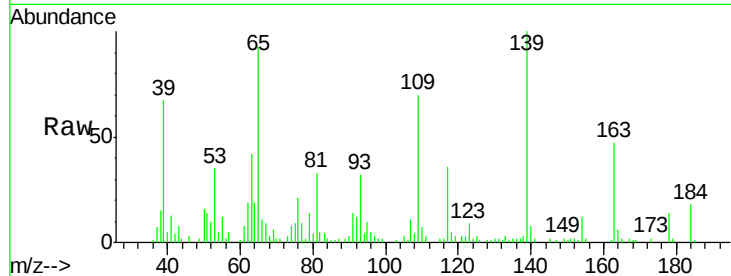


#55
4-Nitrophenol
Concen: 15.75 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

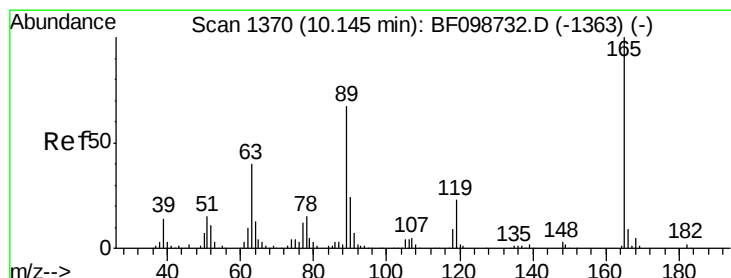
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	44809		
109	69.6	48.4	88.4	
65	92.8	72.6	112.6	

Manual Integrations
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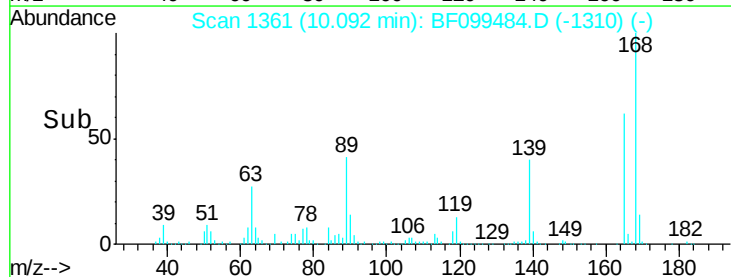
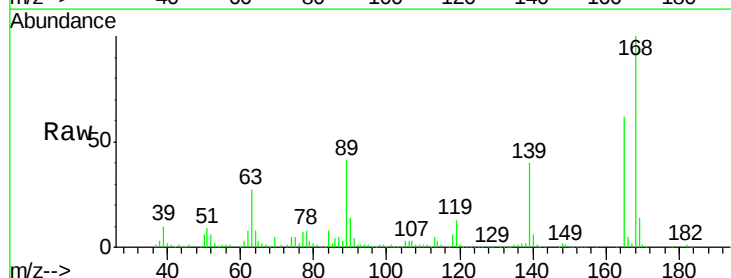
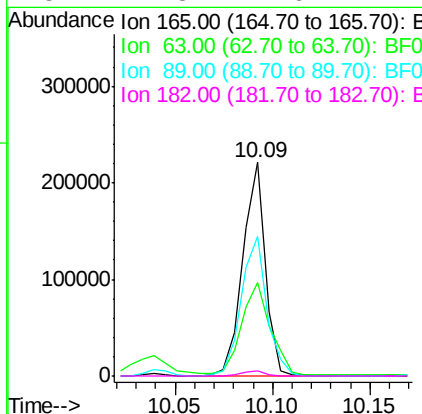
Sohil

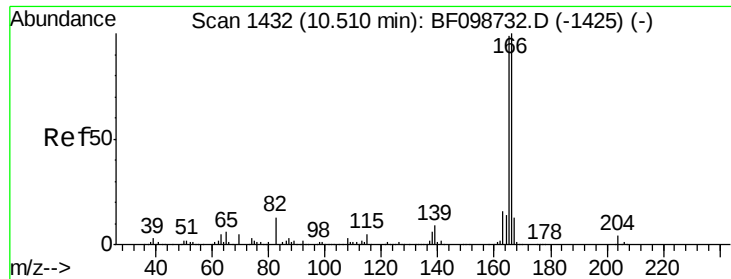
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#56
2,4-Dinitrotoluene
Concen: 47.04 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	176143		
63	43.7	36.4	54.6	
89	65.5	57.8	86.6	
182	2.3	1.6	2.4	



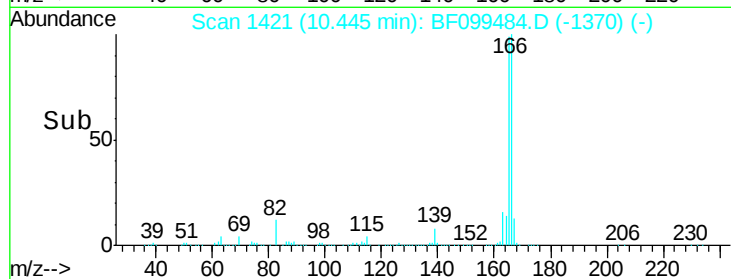
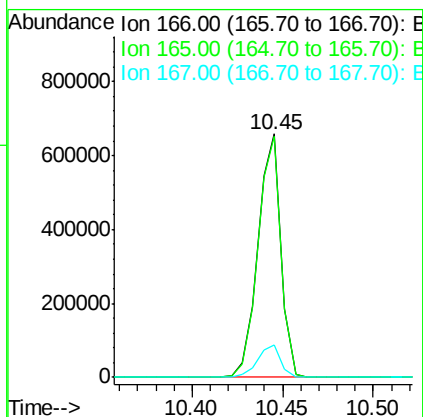
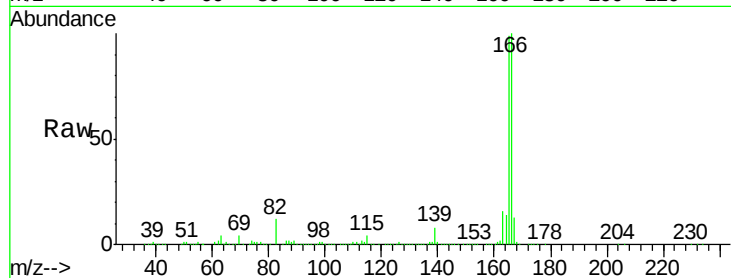


#57
 Fluorene
 Concen: 49.07 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-10-11-17MSD

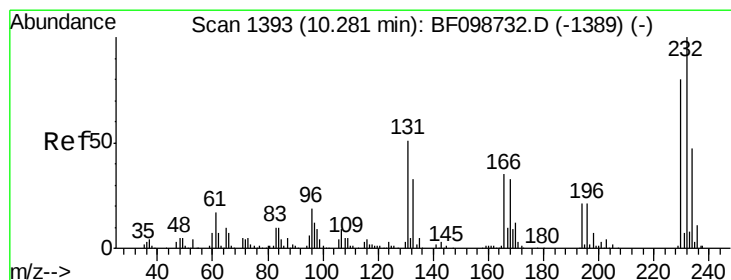
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	13.1	10.6	16.0

Manual Integrations
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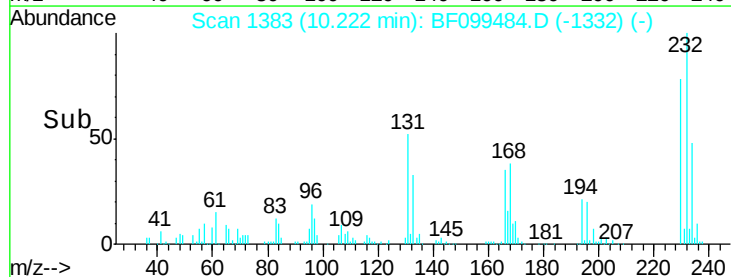
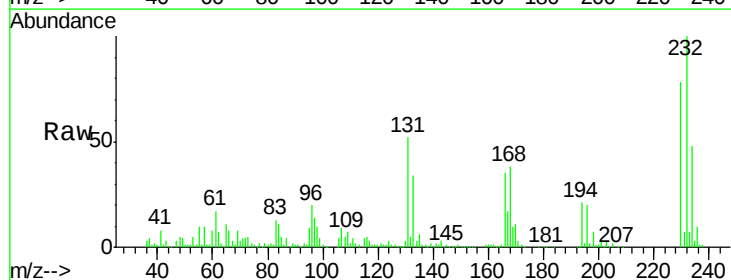
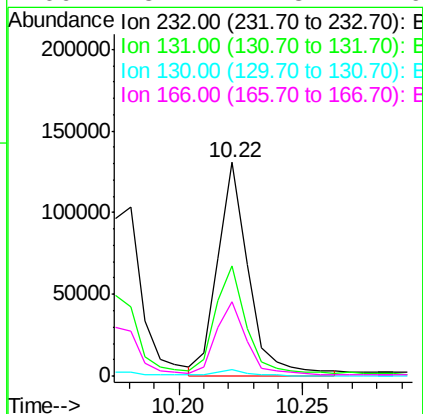
Sohil

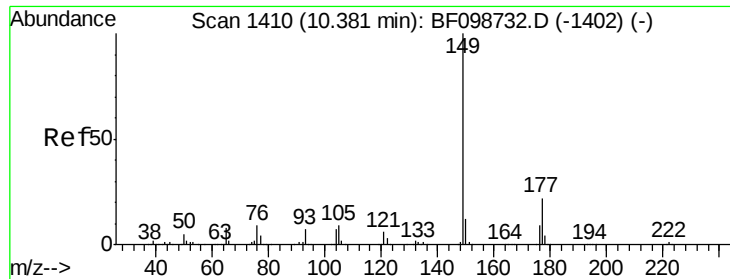
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.99 ng m
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.1	43.8	65.8#
130	2.5	2.1	3.1
166	25.4	27.8	41.6#



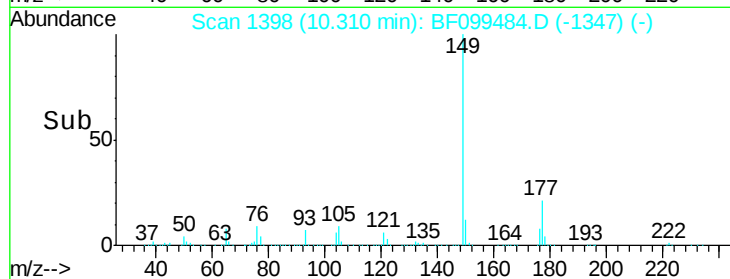
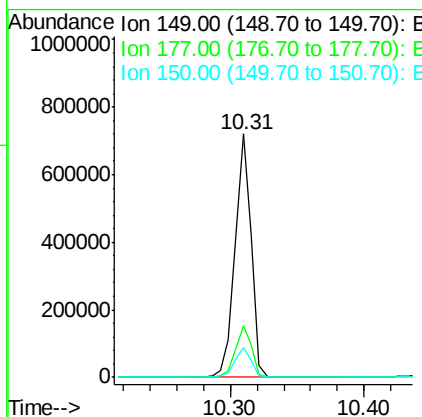
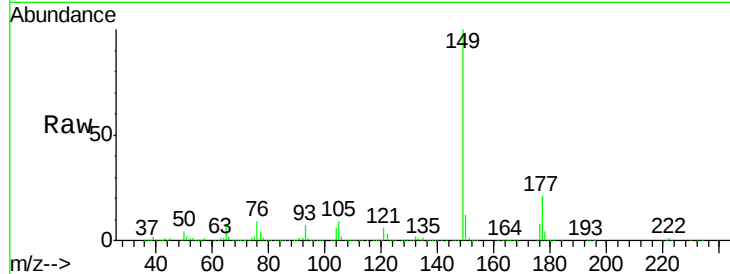


#59
Diethylphthalate
Concen: 47.27 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

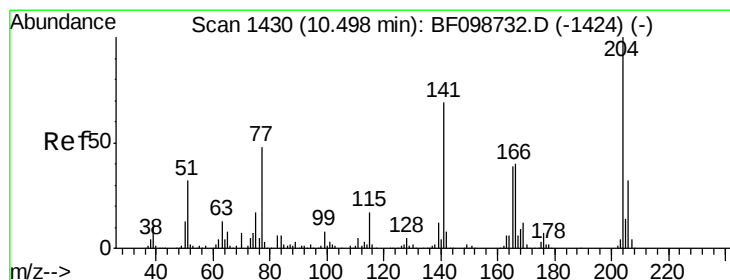
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	612165		
177	21.1	16.1	24.1	
150	12.2	10.1	15.1	

Manual Integrations
APPROVED



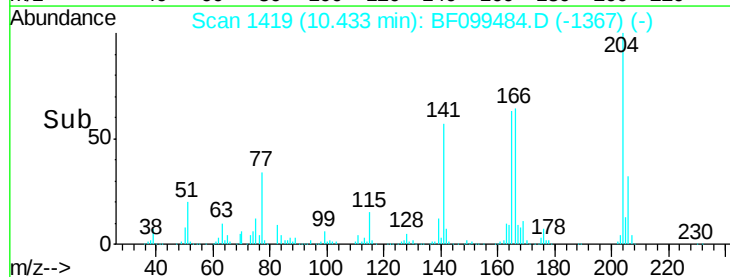
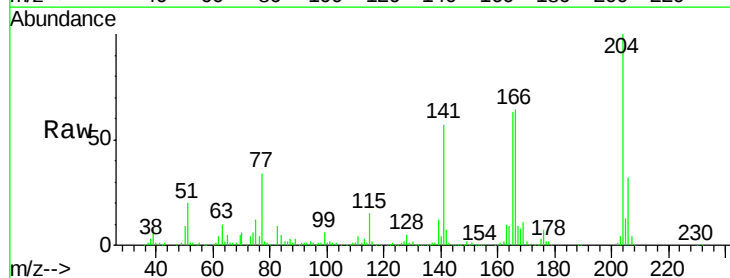
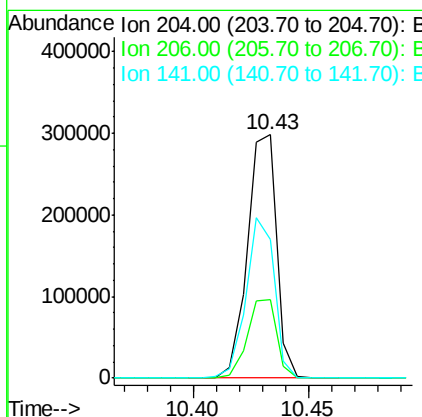
Sohil

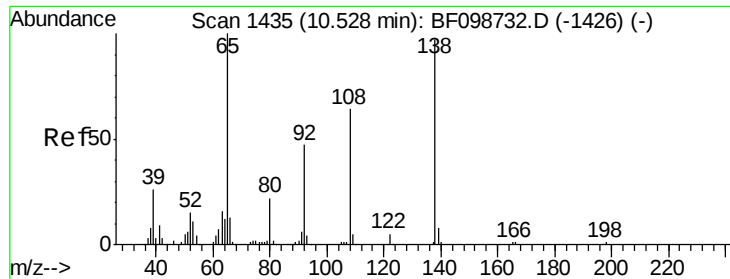
10/15/2017 12:41:24 PM



#60
4-Chlorophenyl-phenylether
Concen: 50.18 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	265015		
206	32.5	26.5	39.7	
141	57.2	54.6	81.8	



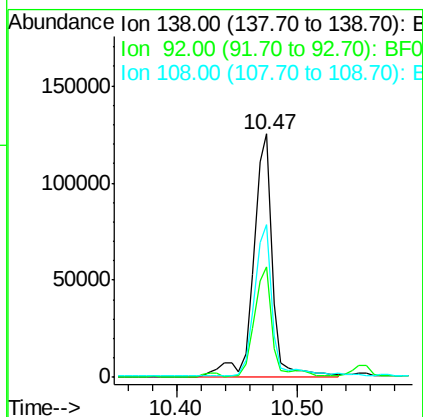
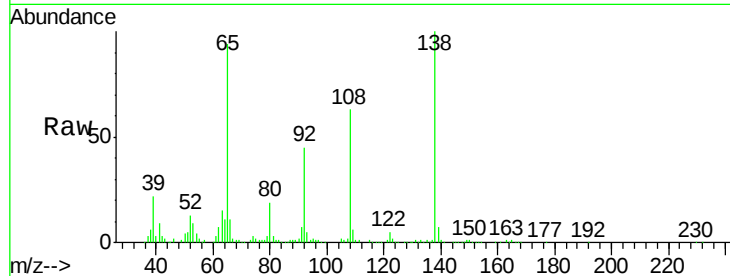


#61
4-Nitroaniline
Concen: 42.12 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

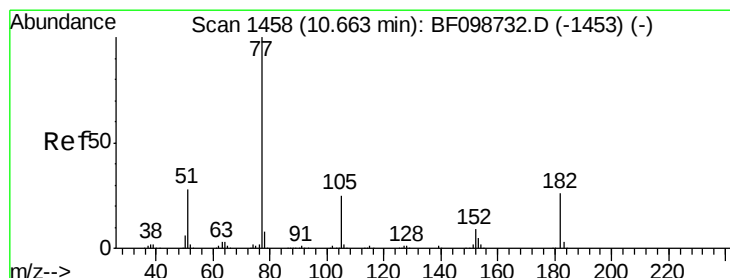
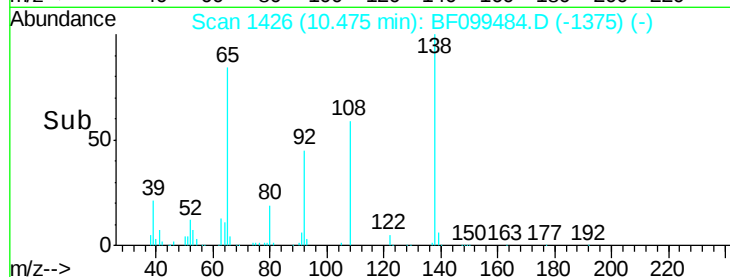
Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.4	30.2	70.2
108	62.6	52.5	92.5

Manual Integrations
APPROVED



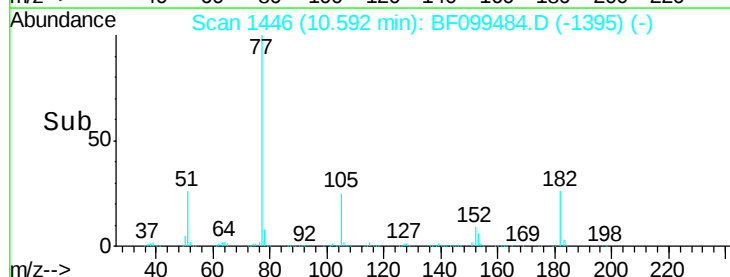
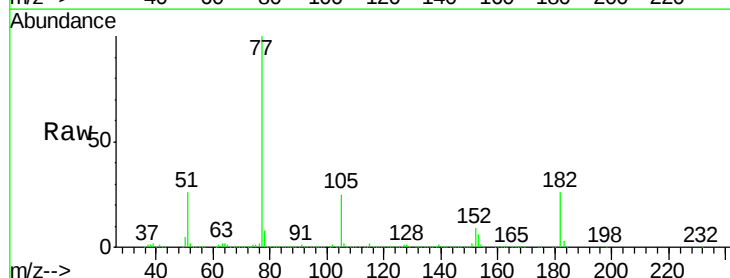
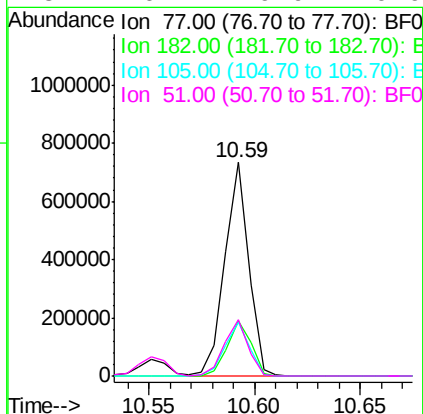
Sohil

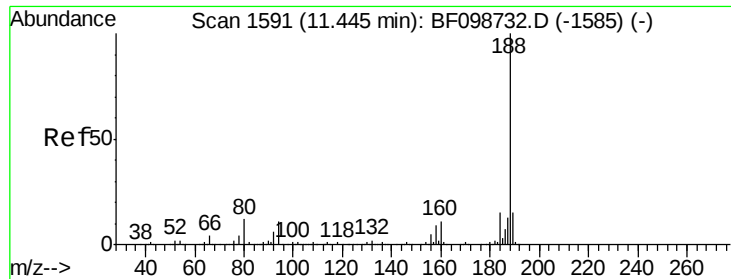
10/15/2017 12:41:24 PM



#62
Azobenzene
Concen: 47.83 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.7	1.7	41.7
105	25.0	3.0	43.0
51	26.2	9.9	49.9



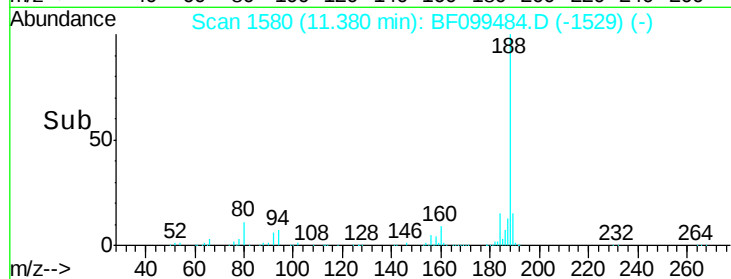
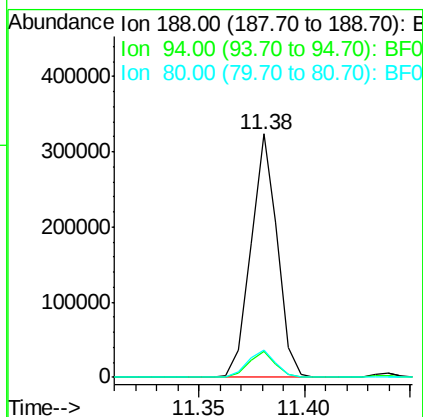
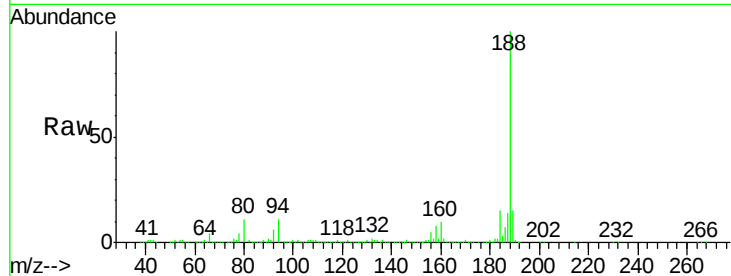


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

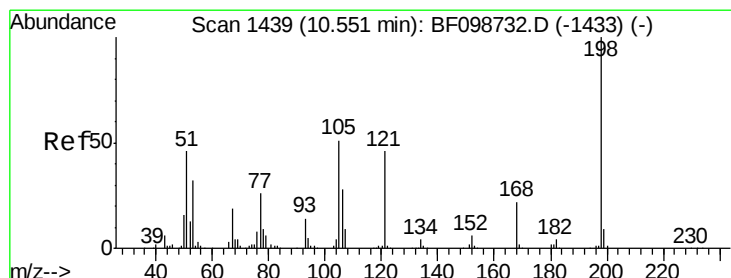
Tgt Ion:	188	Resp:	280501
Ion Ratio	Lower	Upper	
188	100		
94	10.9	8.5	12.7
80	11.3	9.2	13.8

Manual Integrations
APPROVED



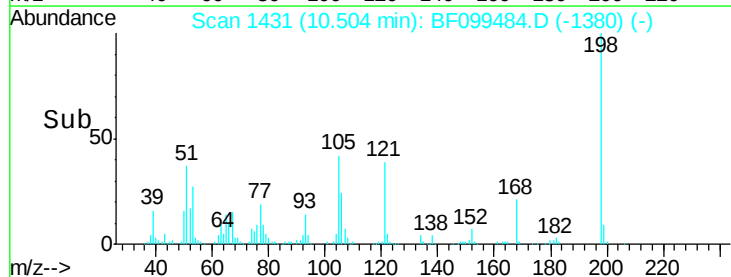
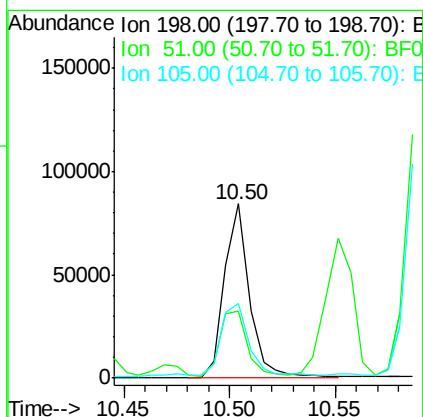
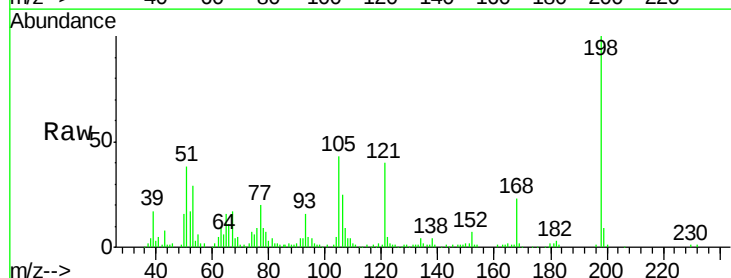
Sohil

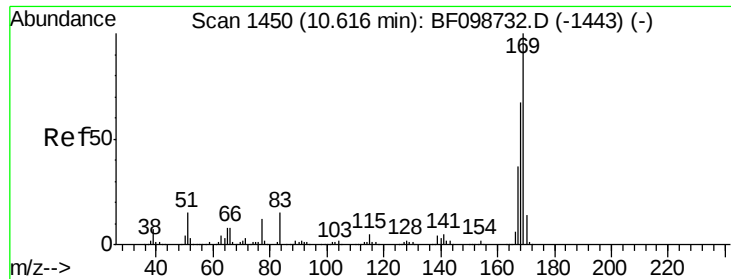
10/15/2017 12:41:24 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.02 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion:	198	Resp:	69999
Ion Ratio	Lower	Upper	
198	100		
51	38.1	37.7	77.7
105	43.1	36.3	76.3



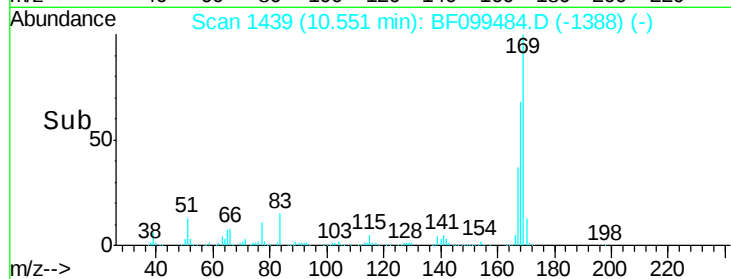
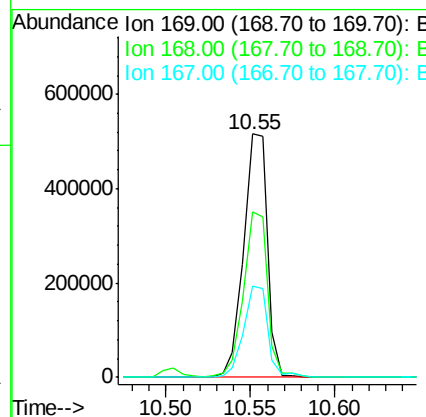
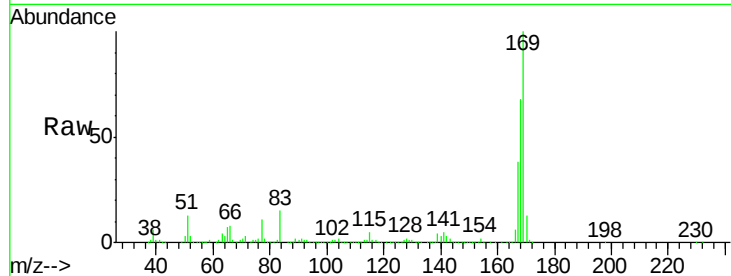


#65
n-Nitrosodiphenylamine
Concen: 52.22 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

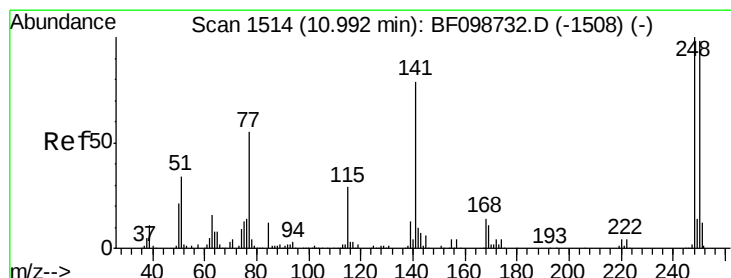
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	507460		
168	68.2	54.4	81.6	
167	37.6	29.8	44.6	

Manual Integrations
APPROVED



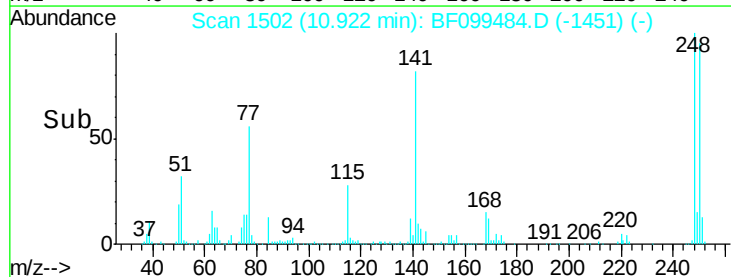
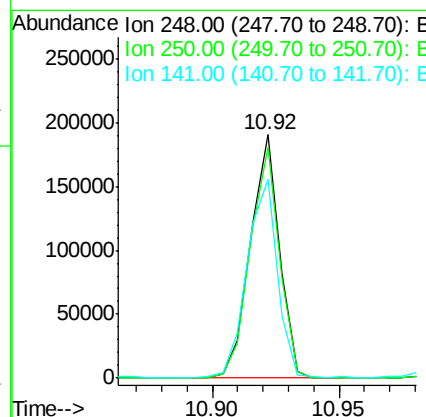
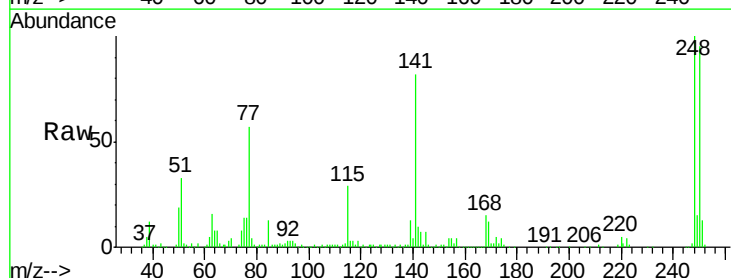
Sohil

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#66
4-Bromophenyl-phenylether
Concen: 55.50 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	152372		
250	95.0	76.9	115.3	
141	81.7	74.4	111.6	



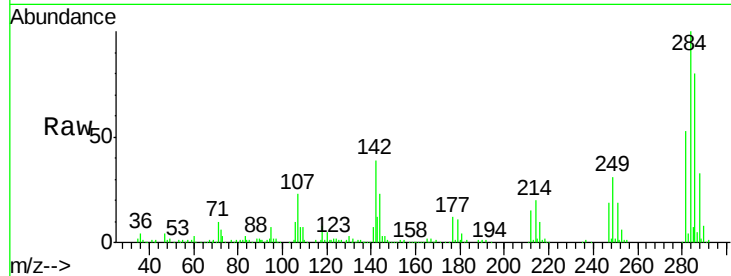


#67
Hexachlorobenzene
Concen: 51.33 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

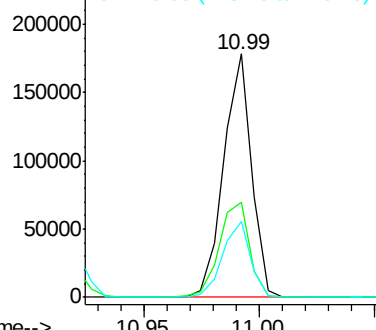
Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	150527		
142	39.1	34.6	52.0	
249	31.2	24.8	37.2	

Manual Integrations
APPROVED

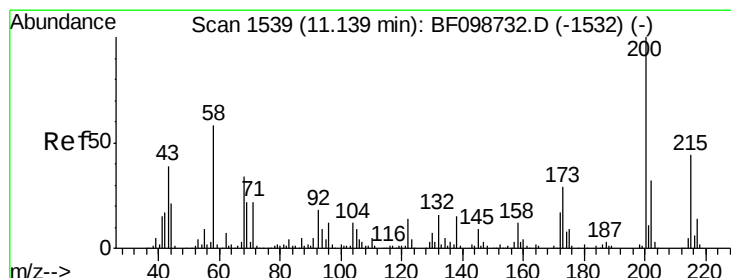
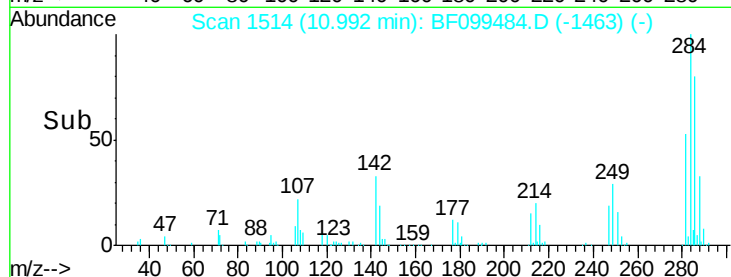


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



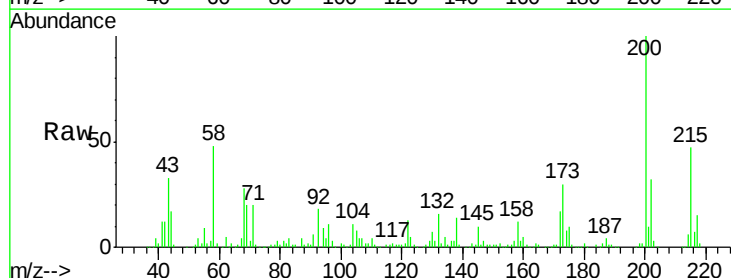
Sohil

10/15/2017 12:41:24 PM

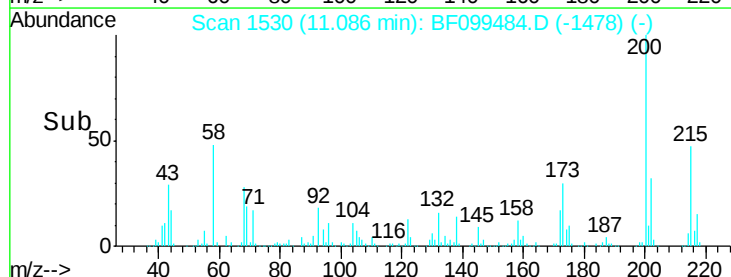
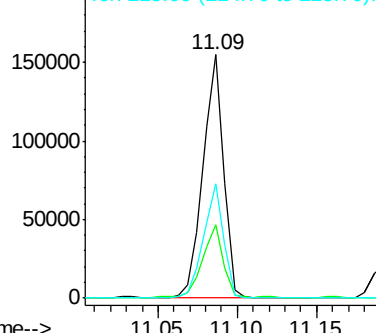


#68
Atrazine
Concen: 48.08 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	140556		
173	30.2	8.6	48.6	
215	47.2	25.1	65.1	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



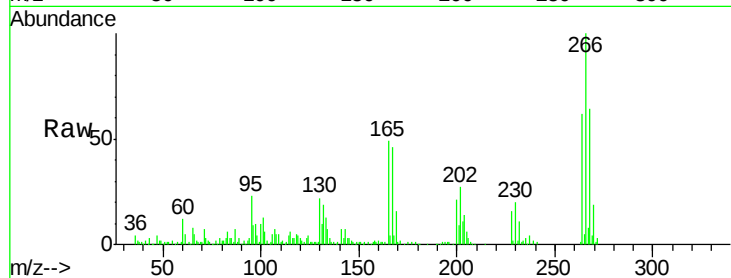


#69
 Pentachlorophenol
 Concen: 58.68 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

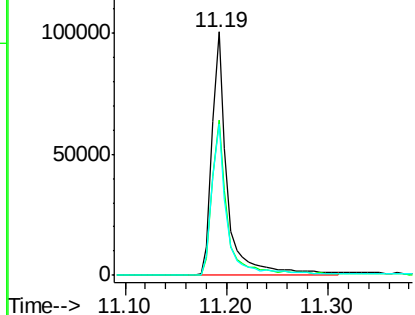
Instrument :
 BNA_F
 ClientSampleId :
 MW-10-10-11-17MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.1	76.7
264	62.3	49.5	74.3

Manual Integrations
 APPROVED

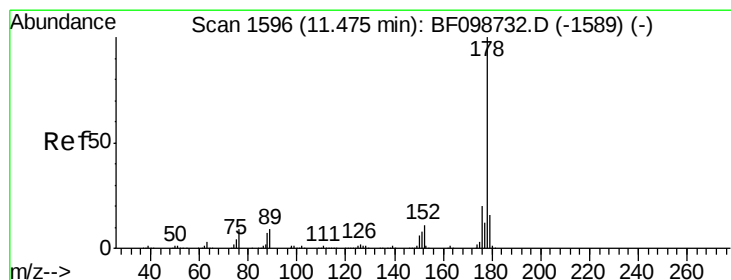
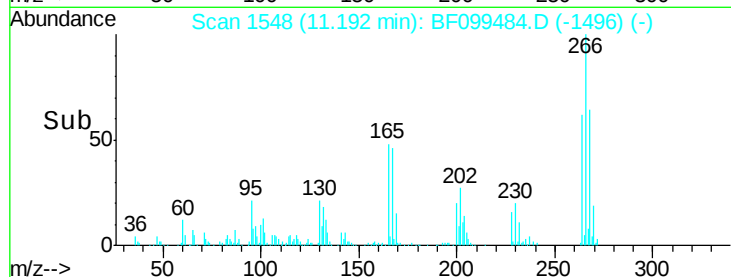


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E



Sohil

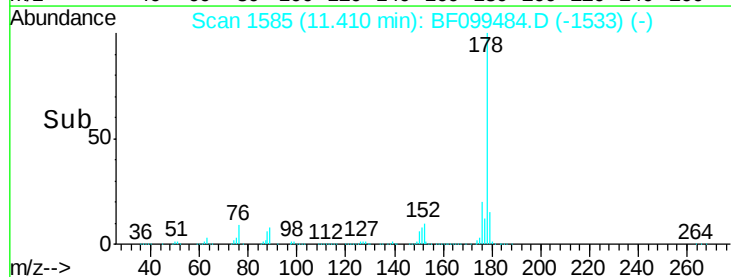
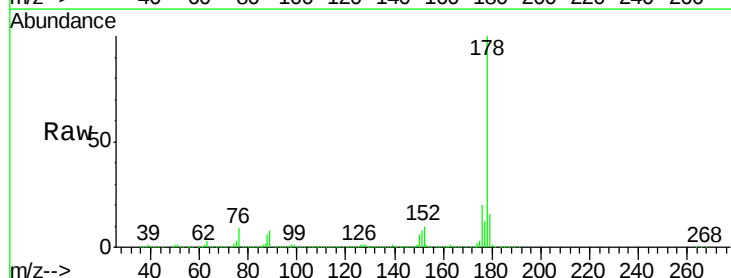
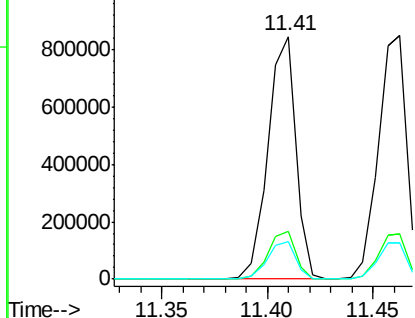
10/15/2017 12:41:24 PM

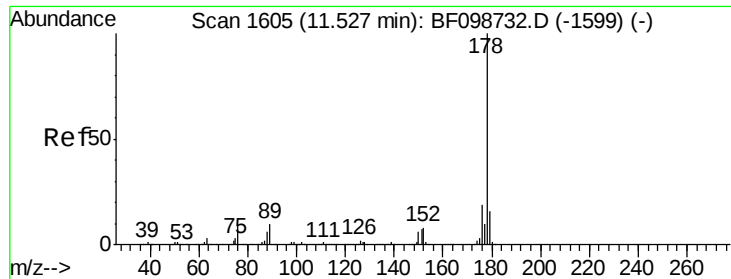


#70
 Phenanthrene
 Concen: 51.77 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.6	13.0	19.6

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



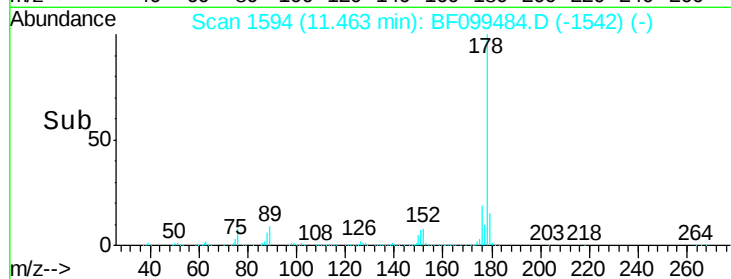
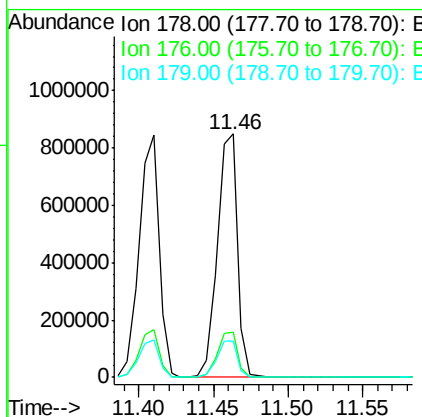
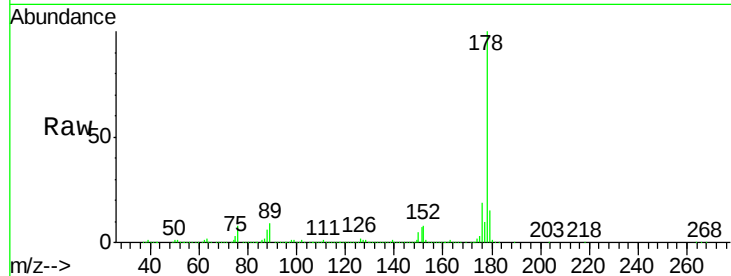


#71
 Anthracene
 Concen: 52.14 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-10-11-17MSD

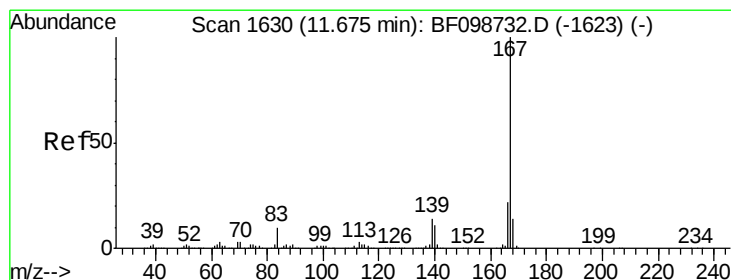
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.1	12.6	19.0

Manual Integrations
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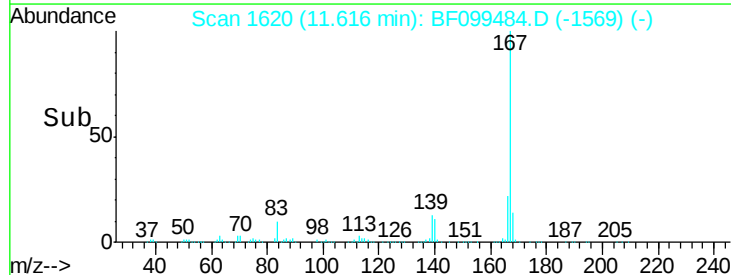
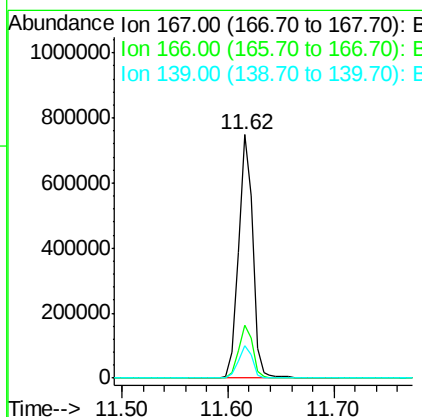
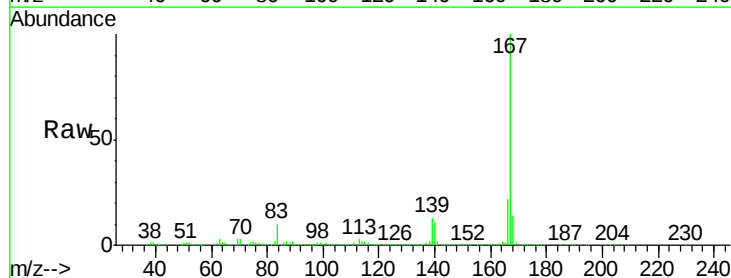
Sohil

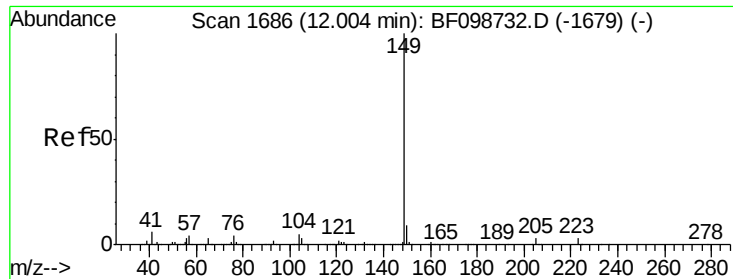
10/15/2017 12:41:24 PM



#72
 Carbazole
 Concen: 45.03 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 47.97 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

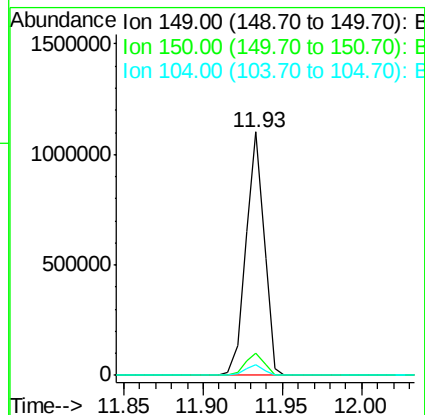
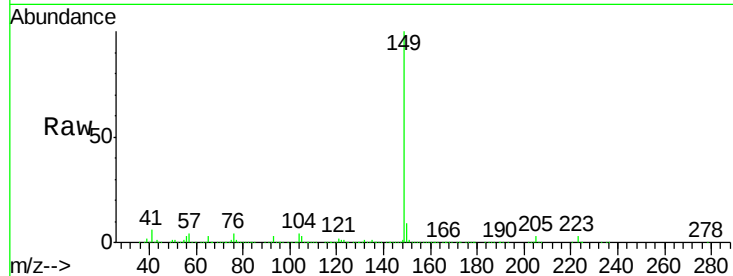
BNA_F

ClientSampleId :

MW-10-10-11-17MSD

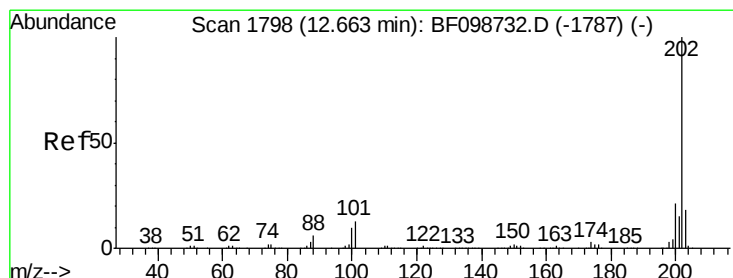
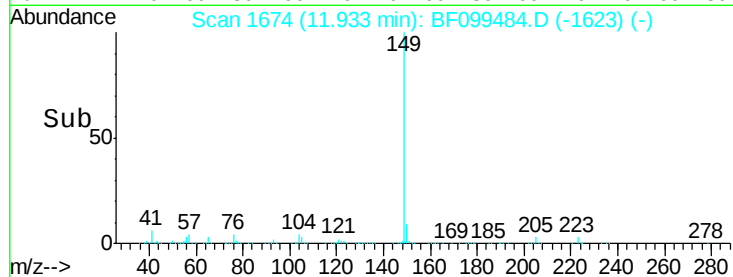
Tgt Ion:	149	Resp:	868645
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.4	3.8	5.8

Manual Integrations
APPROVED



Sohil

10/15/2017 12:41:24 PM



#74

Fluoranthene

Concen: 45.92 ng

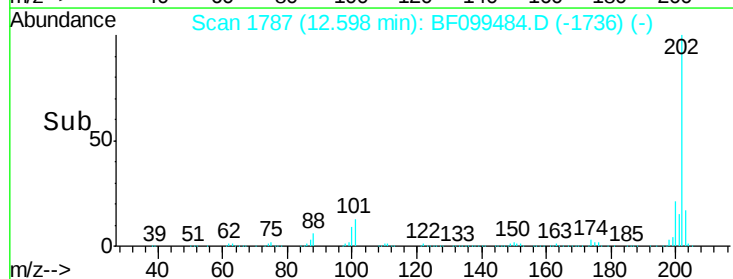
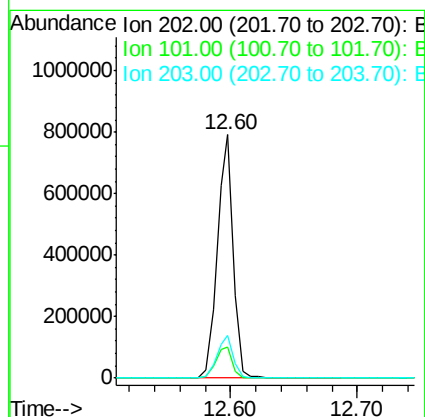
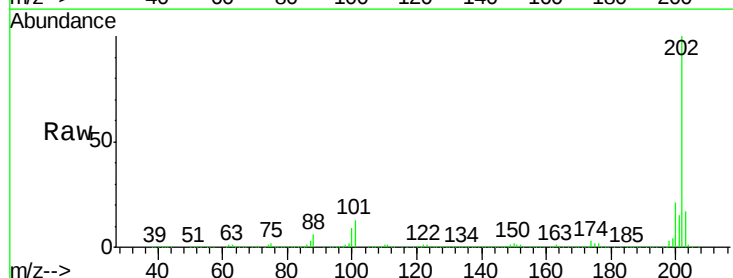
RT: 12.60 min Scan# 1787

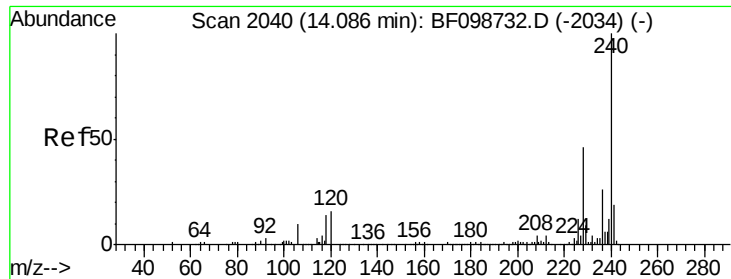
Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Tgt Ion:	202	Resp:	698152
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	34.1
203	17.4	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: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

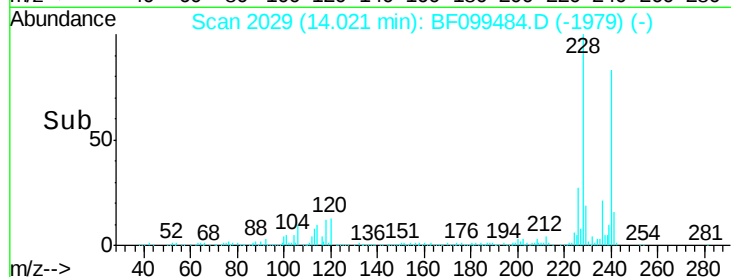
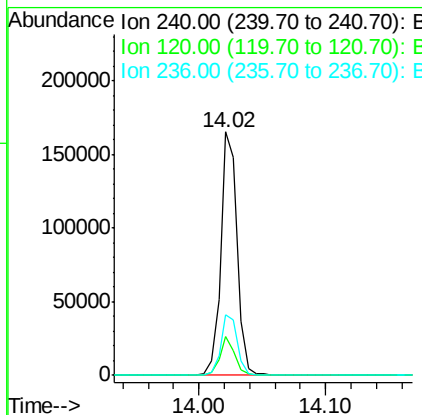
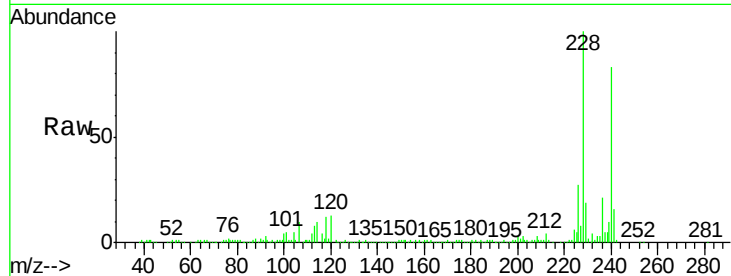
BNA_F

ClientSampleId :

MW-10-10-11-17MSD

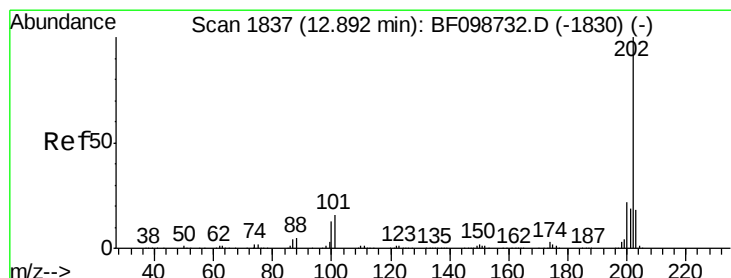
Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.2	9.5	14.3#
236	25.0	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 60.48 ng

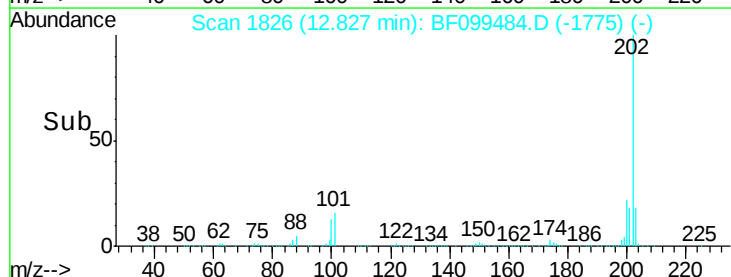
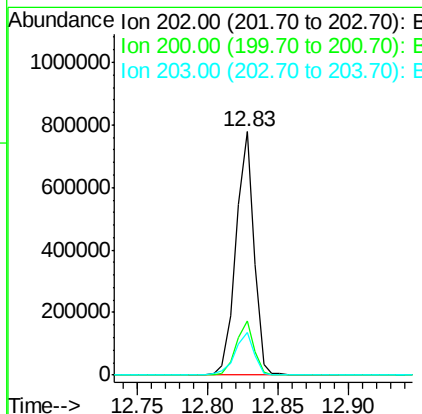
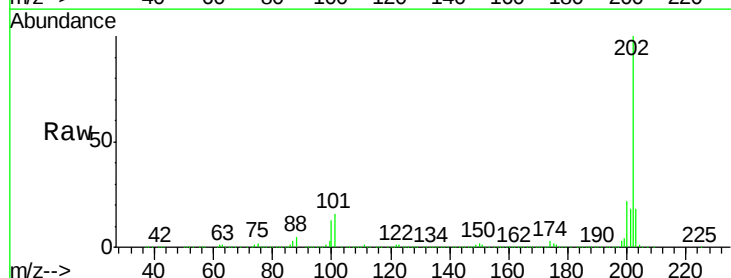
RT: 12.83 min Scan# 1826

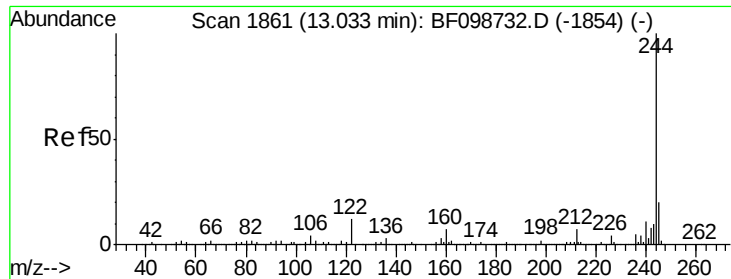
Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.6	14.3	21.5



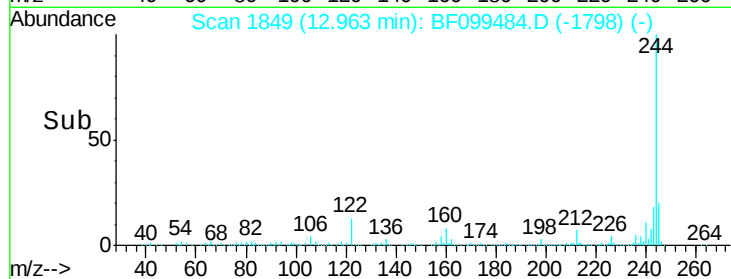
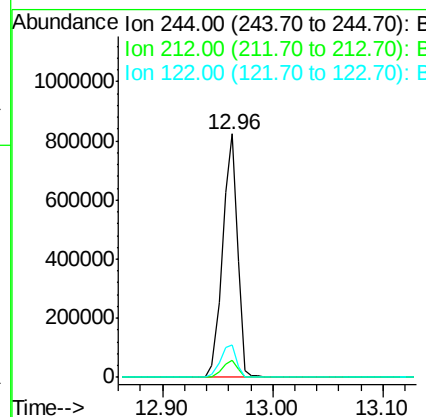
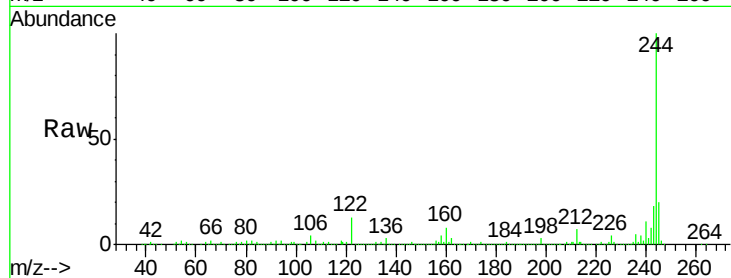


#78
 Terphenyl-d14
 Concen: 117.39 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-10-11-17MSD

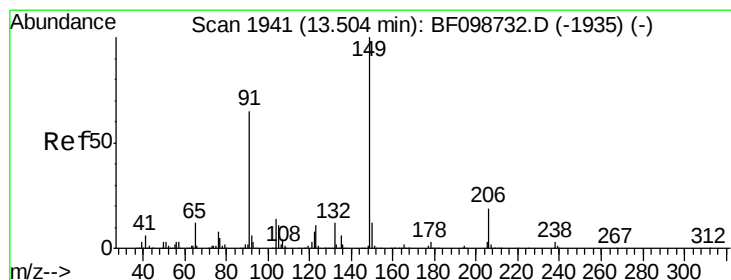
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.3	11.0	16.4

Manual Integrations
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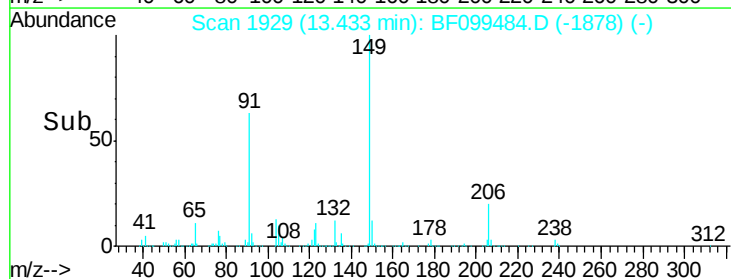
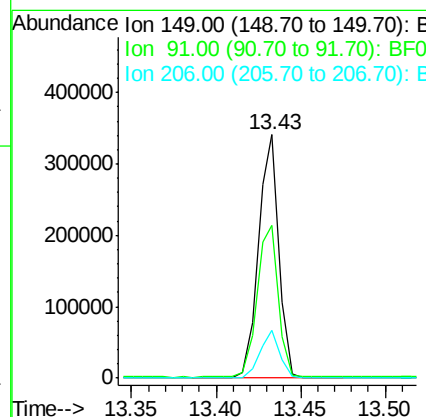
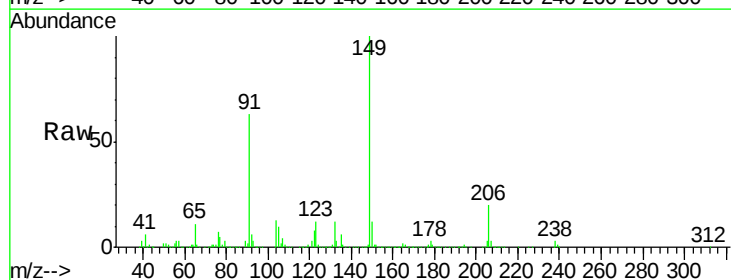
Sohil

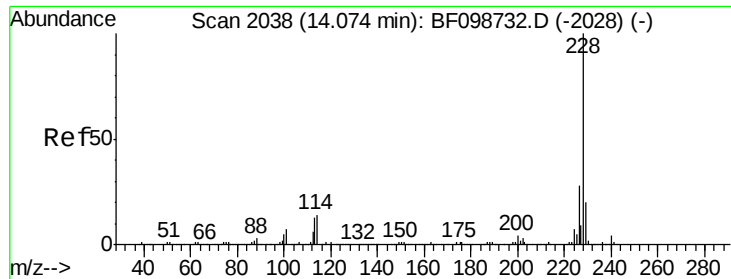
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#79
 Butylbenzylphthalate
 Concen: 53.47 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.9	56.8	85.2
206	19.8	14.1	21.1



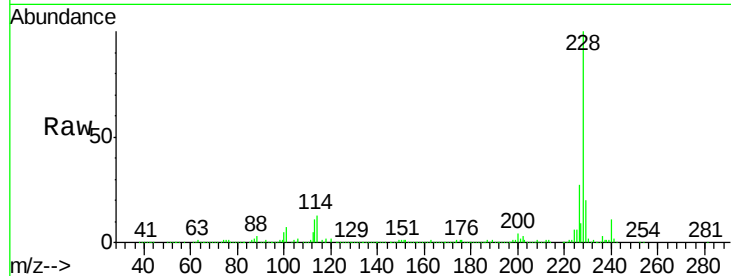


#80
Benzo(a)anthracene
Concen: 53.52 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

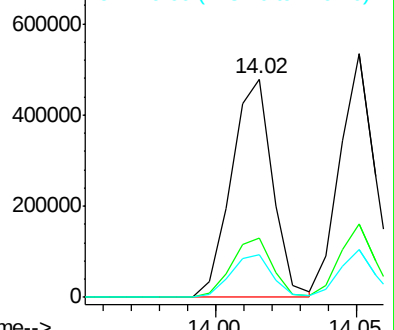
Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.8	15.8	23.6

Manual Integrations
APPROVED

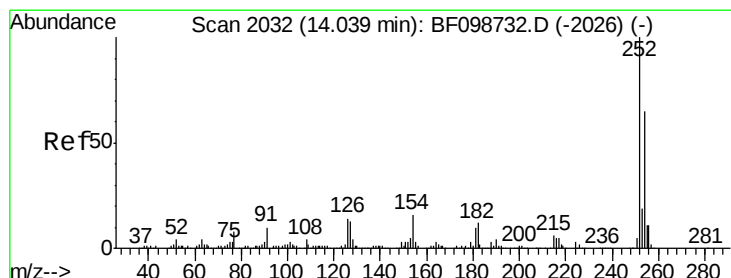
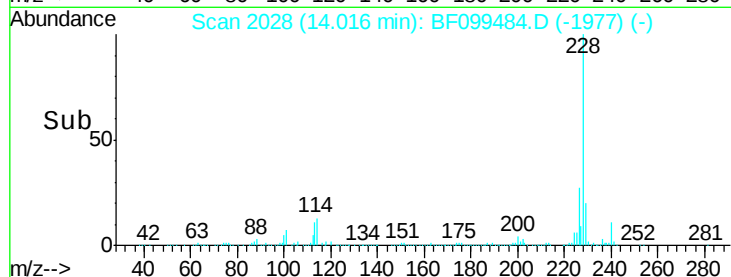


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



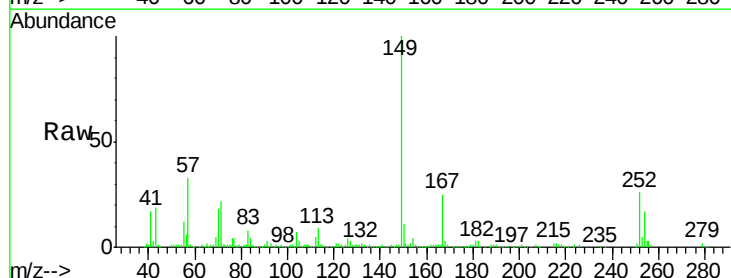
Sohil

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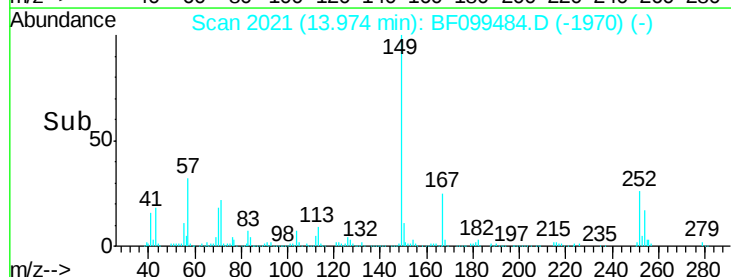
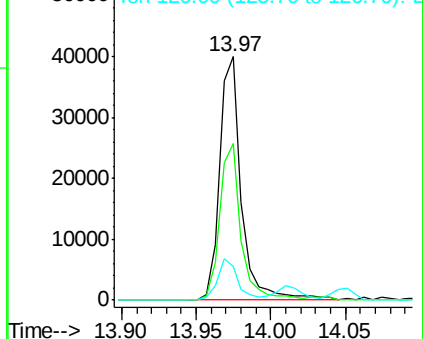


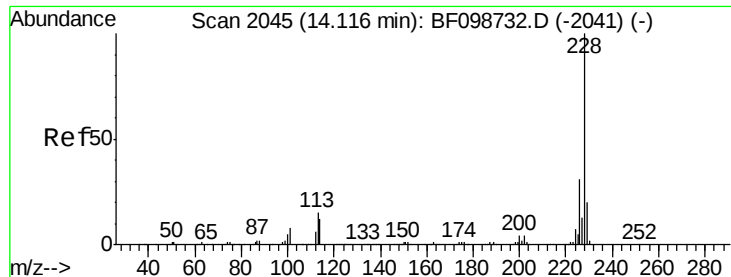
#81
3,3'-Dichlorobenzidine
Concen: 12.38 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	14.0	11.3	16.9



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



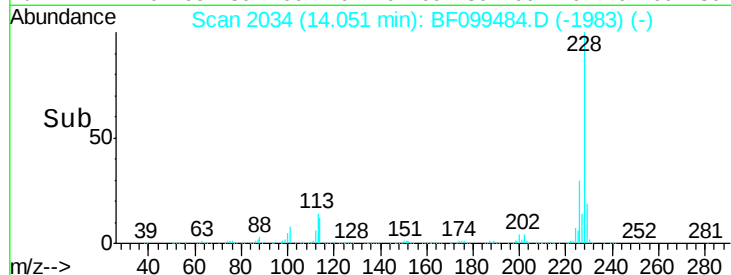
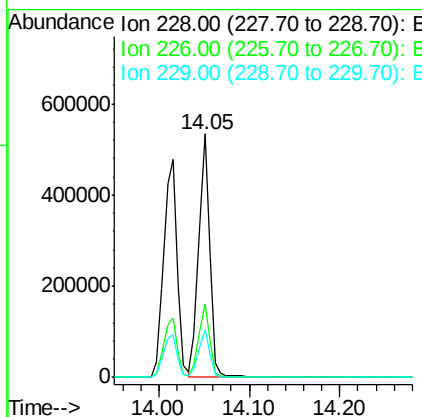
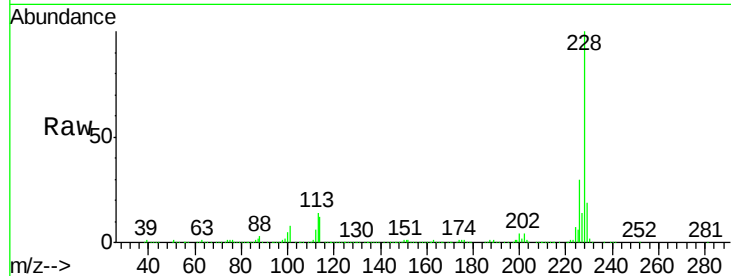


#82
Chrysene
Concen: 53.16 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

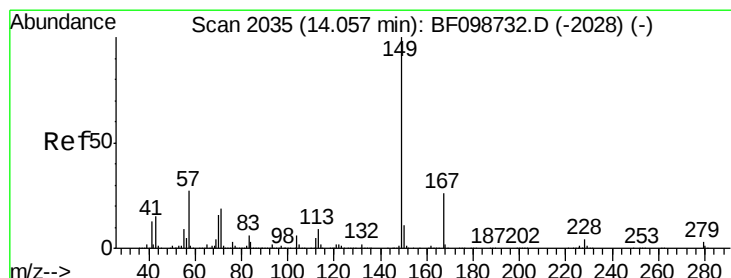
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.5	16.2	24.4

Manual Integrations
APPROVED



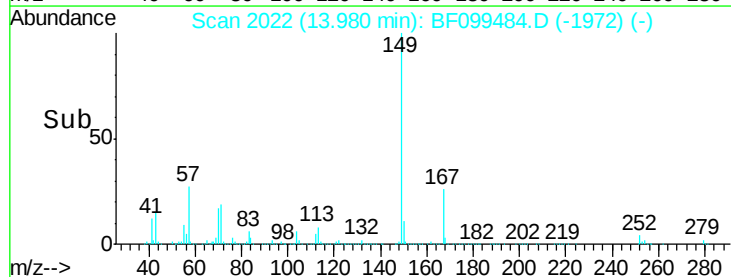
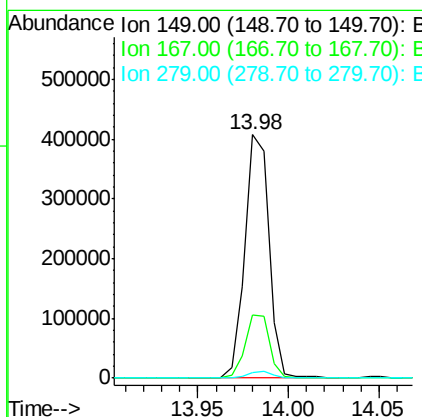
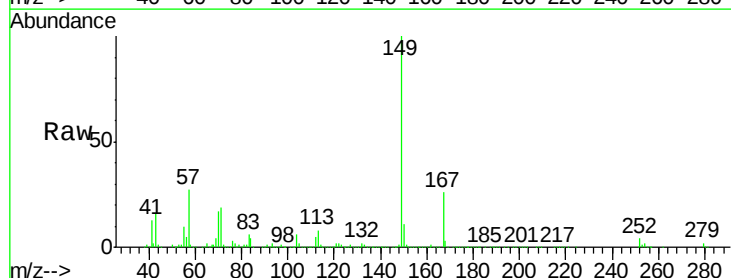
Sohil

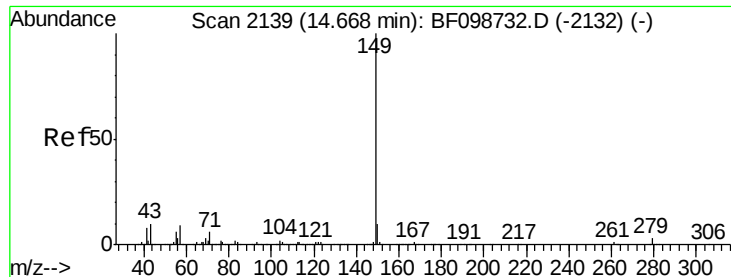
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#83
Bis(2-ethylhexyl)phthalate
Concen: 50.79 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	2.5	3.0	4.4#



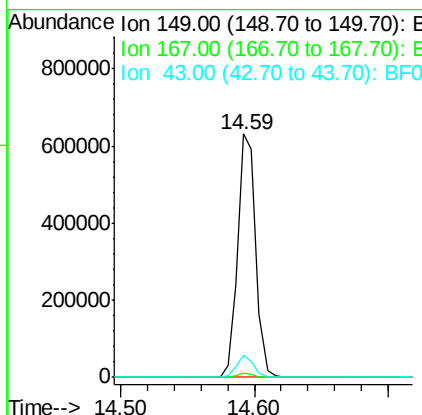
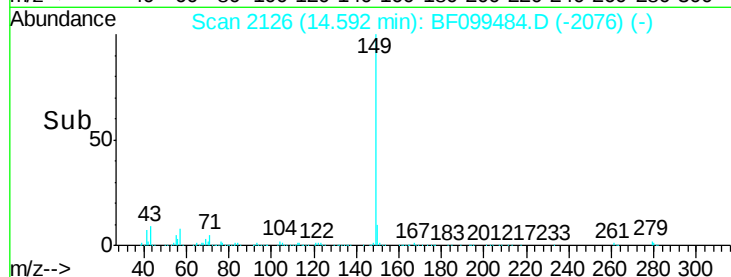
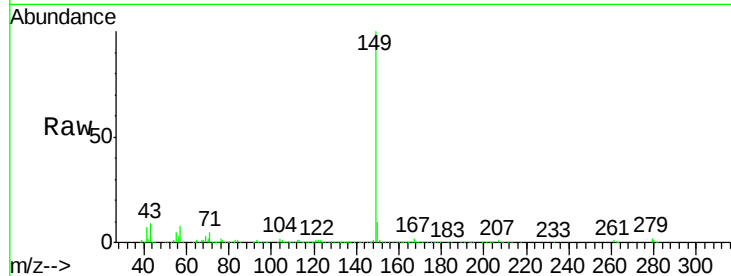


#84
Di-n-octyl phthalate
Concen: 50.00 ng
RT: 14.59 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

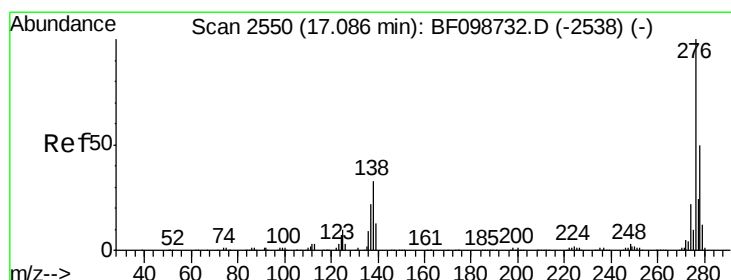
Tgt Ion:	149	Resp:	593419
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.2	8.4	12.6#

Manual Integrations
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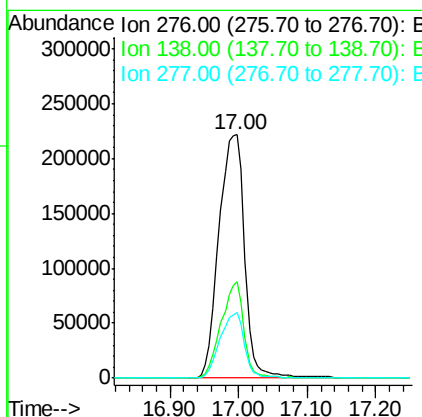
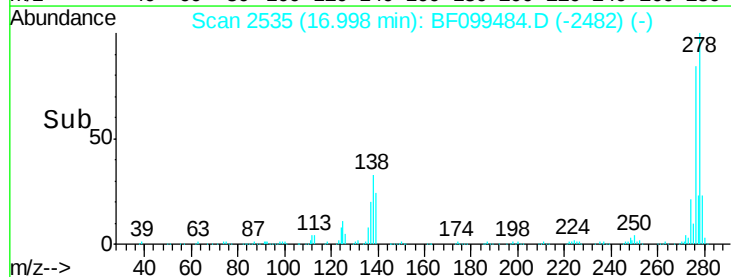
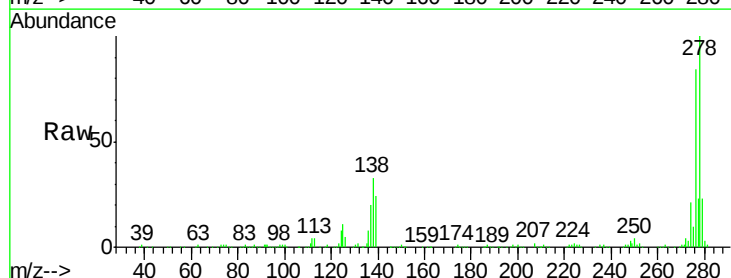
Sohil

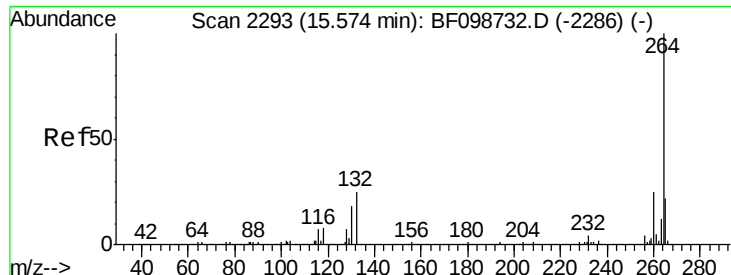
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#85
Indeno(1,2,3-cd)pyrene
Concen: 84.06 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion:	276	Resp:	579046
Ion Ratio	Lower	Upper	
276	100		
138	34.9	25.0	37.6
277	25.5	20.1	30.1



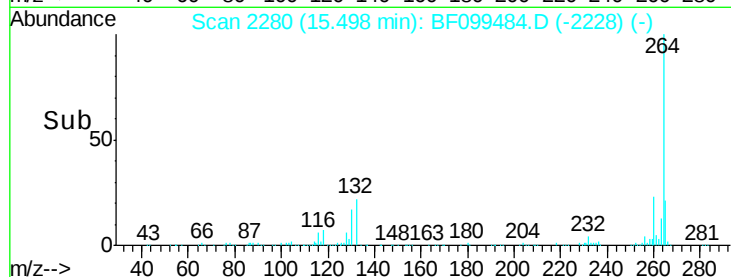
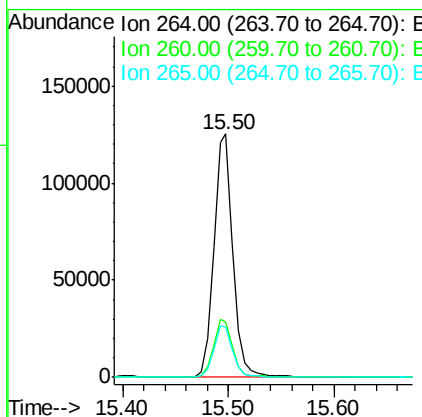
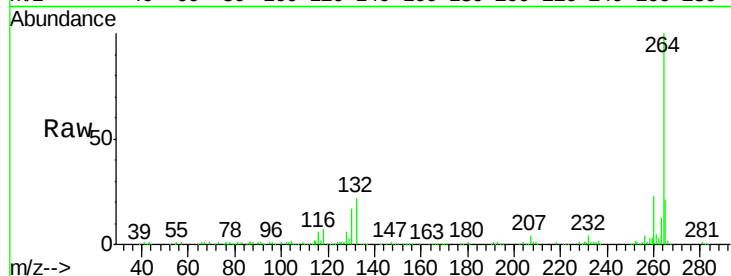


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

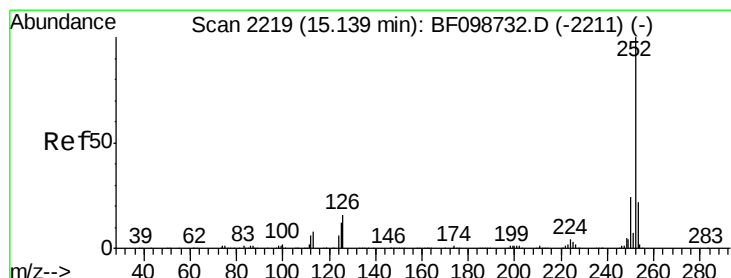
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.6	17.5	26.3

Manual Integrations
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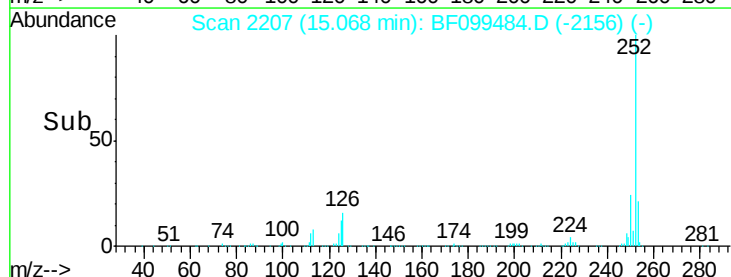
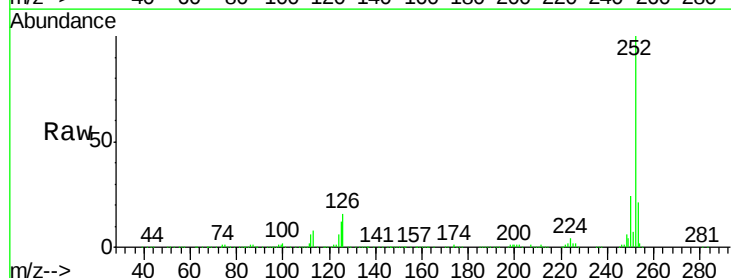
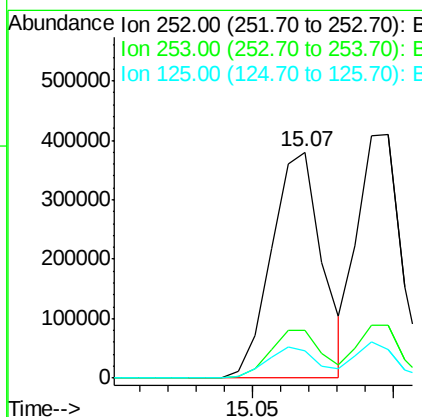
Sohil

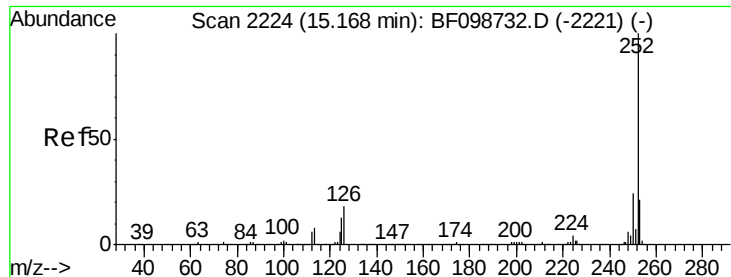
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#87
Benzo(b)fluoranthene
Concen: 48.22 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.6
125	12.2	9.0	13.6



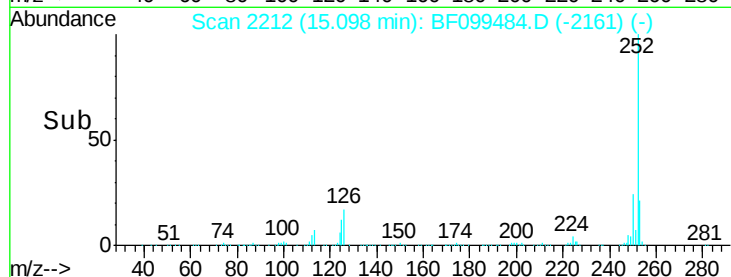
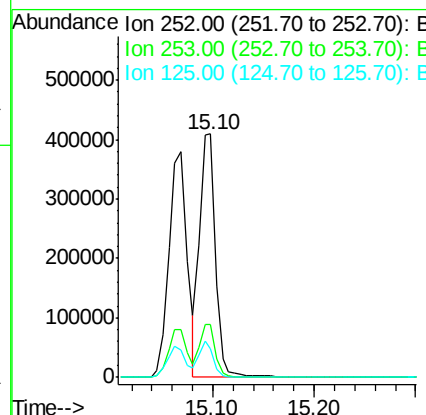
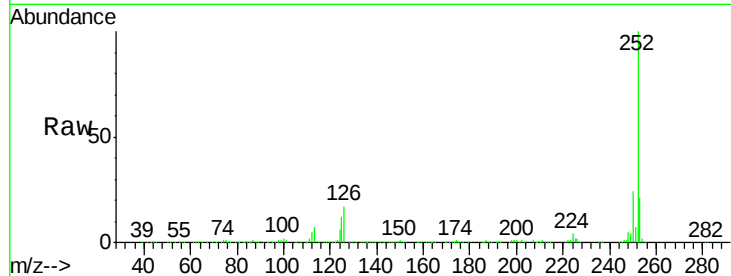


#88
Benzo(k)fluoranthene
Concen: 45.87 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

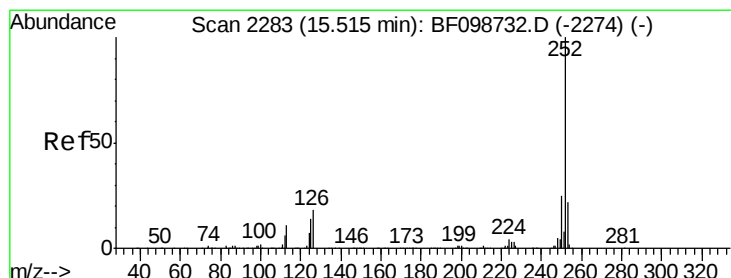
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	11.8	10.2	15.2

Manual Integrations
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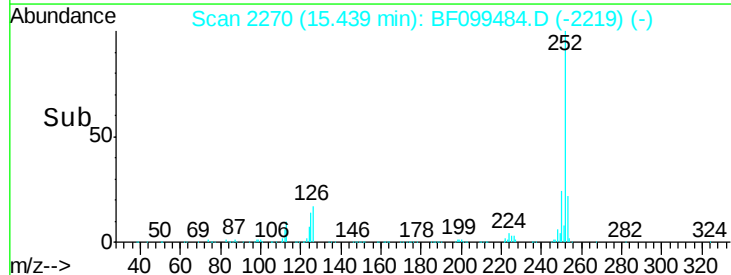
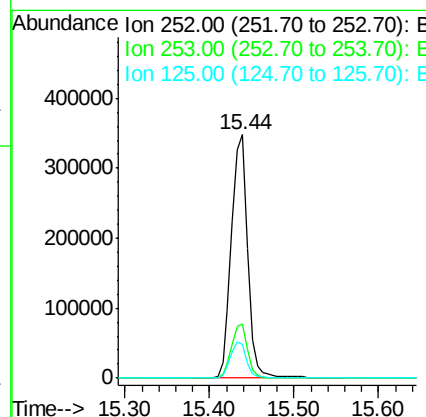
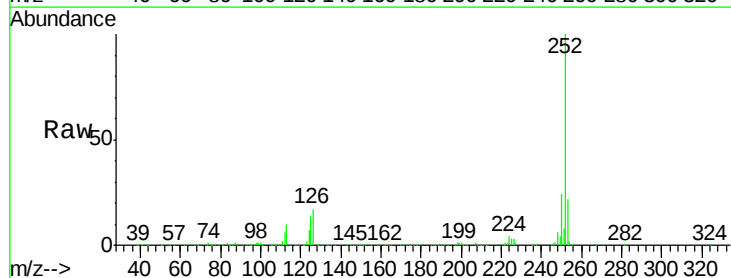
Sohil

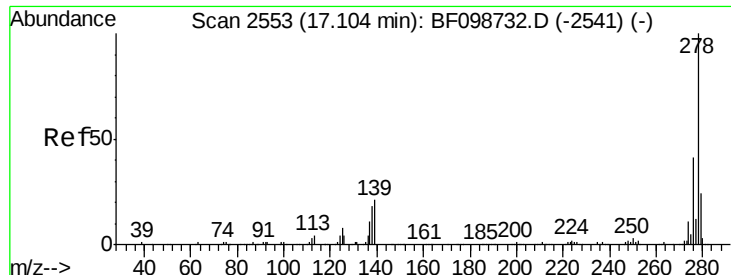
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#89
Benzo(a)pyrene
Concen: 51.51 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	13.7	9.8	14.6



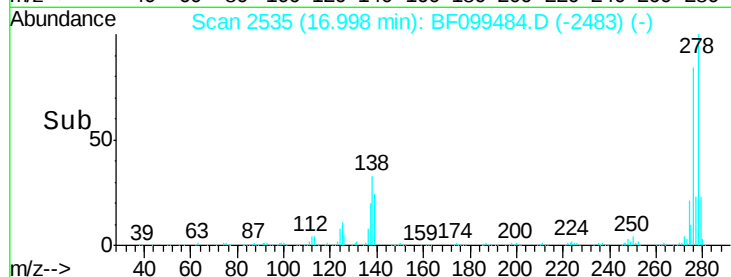
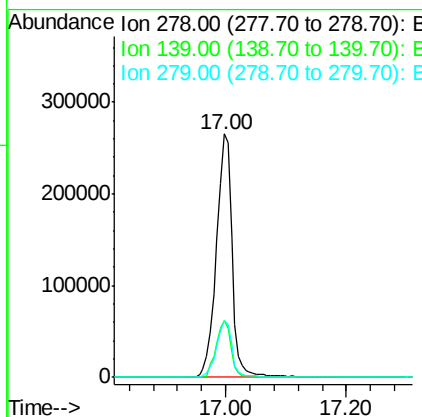
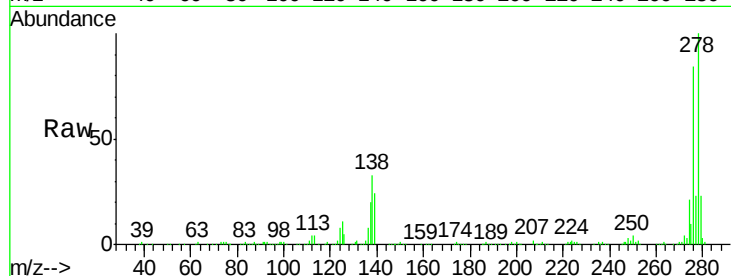


#90
Dibenzo(a,h)anthracene
Concen: 66.46 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :
MW-10-10-11-17MSD

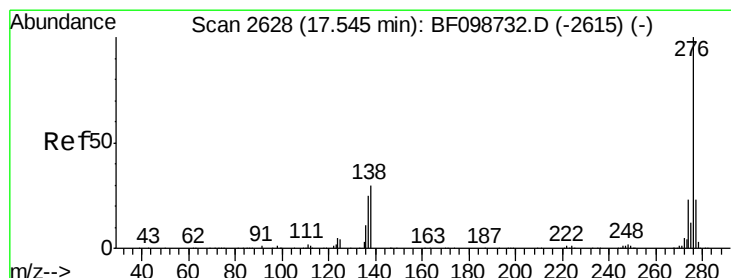
Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.6	15.9	23.9
279	23.5	19.0	28.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 71.81 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	31.5	21.8	32.8

