

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097848.D
 Acq On : 18 Aug 2017 22:28
 Operator : SJ/JU
 Sample : I4811-06MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

Manual Integrations
 APPROVED

mohammad
 8/21/2017 8:19:18 AM

Quant Time: Aug 19 21:52:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	120212	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	476850	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	215631	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	430226	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	355014	20.00	ng	0.00
86) Perylene-d12	15.36	264	302677	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	957577	121.16	ng	0.00
7) Phenol-d6	6.41	99	1307197	121.74	ng	0.00
23) Nitrobenzene-d5	7.34	82	822818	93.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	253892	135.70	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1172468	79.89	ng	-0.01
78) Terphenyl-d14	12.88	244	1082446	63.58	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	145071	32.915	ng	91
3) Pyridine	3.19	79	396972	32.580	ng	87
4) n-Nitrosodimethylamine	3.15	42	181442	38.701	ng	86
6) Aniline	6.43	93	484807	32.139	ng	99
8) 2-Chlorophenol	6.56	128	339548	40.739	ng	94
9) Benzaldehyde	6.32	77	140038	20.589	ng	87
10) Phenol	6.42	94	499335	39.760	ng	98
11) bis(2-Chloroethyl)ether	6.52	93	386780	40.805	ng	95
12) 1,3-Dichlorobenzene	6.72	146	334161	37.273	ng	# 95
13) 1,4-Dichlorobenzene	6.79	146	340998	37.398	ng	95
14) 1,2-Dichlorobenzene	6.95	146	316181	37.608	ng	99
15) Benzyl Alcohol	6.92	79	356544	44.349	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	502706	39.417	ng	92
17) 2-Methylphenol	7.03	107	310697	42.301	ng	95
18) Hexachloroethane	7.29	117	137132	38.361	ng	# 81
19) n-Nitroso-di-n-propylamine	7.19	70	278714	37.916	ng	90
20) 3+4-Methylphenols	7.18	107	368244	41.048	ng	98
22) Acetophenone	7.19	105	497637	39.504	ng	# 89
24) Nitrobenzene	7.36	77	444369	45.467	ng	92
25) Isophorone	7.60	82	794352	43.521	ng	97
26) 2-Nitrophenol	7.67	139	169744	47.945	ng	# 80
27) 2,4-Dimethylphenol	7.71	122	299565	39.353	ng	93
28) bis(2-Chloroethoxy)methane	7.81	93	489206	40.768	ng	98
29) 2,4-Dichlorophenol	7.91	162	272321	43.097	ng	91
30) 1,2,4-Trichlorobenzene	8.00	180	272044	38.837	ng	100
31) Naphthalene	8.08	128	967887	39.098	ng	99
32) Benzoic acid	7.76	122	7141m	7.520	ng	
33) 4-Chloroaniline	8.13	127	332928	31.888	ng	99
34) Hexachlorobutadiene	8.20	225	152554	37.300	ng	98
35) Caprolactam	8.49	113	93694m	43.616	ng	
36) 4-Chloro-3-methylphenol	8.61	107	344142	42.390	ng	# 78
37) 2-Methylnaphthalene	8.77	142	632836	41.696	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	252723	38.189	ng	# 97
40) Hexachlorocyclopentadiene	8.92	237	284248	89.409	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	184665	41.564	nq	98
43) 2,4,5-Trichlorophenol	9.09	196	195944	44.455	nq	96
45) 1,1'-Biphenyl	9.23	154	745665	37.921	nq	97
46) 2-Chloronaphthalene	9.26	162	554511	38.166	nq	# 92
47) 2-Nitroaniline	9.35	65	237400	48.741	nq	93
48) Acenaphthylene	9.67	152	917350	40.207	nq	99
49) Dimethylphthalate	9.54	163	814155	51.653	nq	99
50) 2,6-Dinitrotoluene	9.60	165	145067	46.108	nq	# 56
51) Acenaphthene	9.85	154	576104	40.037	nq	99
52) 3-Nitroaniline	9.76	138	159487	39.290	nq	80
53) 2,4-Dinitrophenol	9.87	184	53298	41.239	nq	# 76
54) Dibenzofuran	10.02	168	818617	42.448	nq	99
55) 4-Nitrophenol	9.93	139	274876	84.887	nq	# 34
56) 2,4-Dinitrotoluene	10.00	165	198048	50.159	nq	# 51
57) Fluorene	10.36	166	593210	39.785	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.13	232	160033	46.895	nq	96
59) Diethylphthalate	10.24	149	691217	41.935	nq	100
60) 4-Chlorophenyl-phenylether	10.35	204	270918	39.111	nq	90
61) 4-Nitroaniline	10.38	138	177561	46.024	nq	# 69
62) Azobenzene	10.51	77	856550	43.748	nq	93
64) 4,6-Dinitro-2-methylphenol	10.40	198	80550	41.165	nq	91
65) n-Nitrosodiphenylamine	10.47	169	563205	38.443	nq	97
66) 4-Bromophenyl-phenylether	10.84	248	174757	39.116	nq	99
67) Hexachlorobenzene	10.90	284	169060	37.126	nq	# 84
68) Atrazine	11.00	200	174083	44.806	nq	99
69) Pentachlorophenol	11.10	266	189315	71.304	nq	99
70) Phenanthrene	11.32	178	907146	39.569	nq	99
71) Anthracene	11.37	178	947196	40.735	nq	99
72) Carbazole	11.53	167	914480	41.432	nq	98
73) Di-n-butylphthalate	11.86	149	1068674	42.035	nq	99
74) Fluoranthene	12.50	202	999709	41.778	nq	99
76) Benzidine	12.63	184	315937	27.142	nq	# 90
77) Pyrene	12.73	202	1039620	35.804	nq	99
79) Butylbenzylphthalate	13.36	149	475029	42.671	nq	# 72
80) Benzo(a)anthracene	13.92	228	804444	37.807	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	260371	36.264	nq	# 96
82) Chrysene	13.96	228	813882	38.452	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	548357	44.452	nq	# 99
84) Di-n-octyl phthalate	14.53	149	1076839	50.169	nq	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	688939	44.246	nq	94
87) Benzo(b)fluoranthene	14.95	252	774715	40.606	nq	98
88) Benzo(k)fluoranthene	14.98	252	693588	38.695	nq	# 93
89) Benzo(a)pyrene	15.30	252	701092	41.510	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	567285	41.256	nq	99
91) Benzo(g,h,i)perylene	17.18	276	586848	40.903	nq	93

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

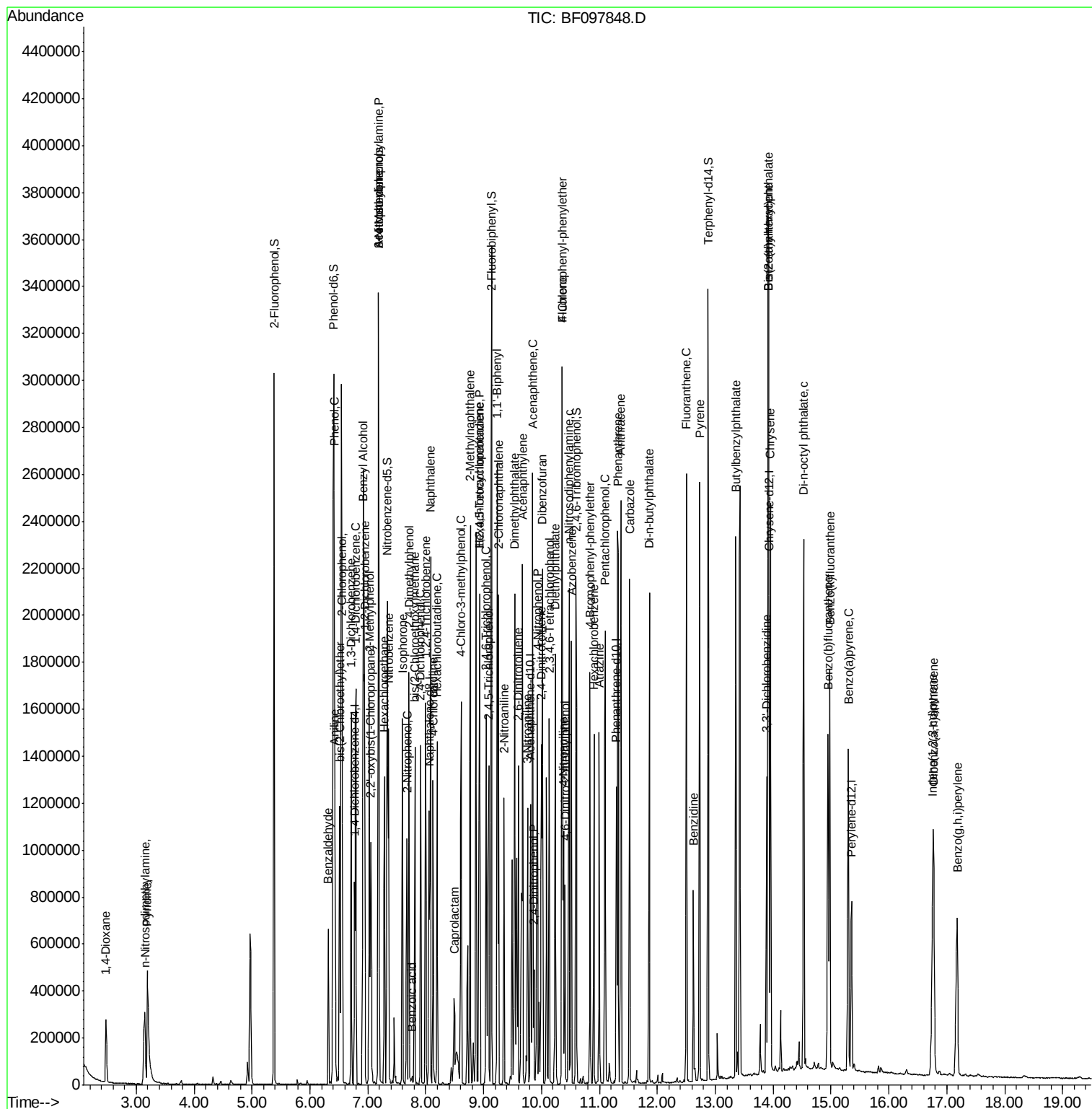
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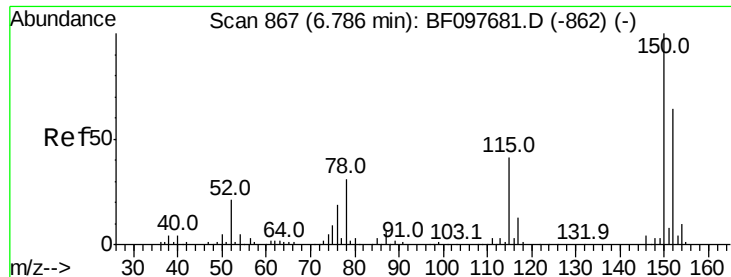
Instrument :
 BNA_F
 ClientSampled :
 E4-24MSD

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#1

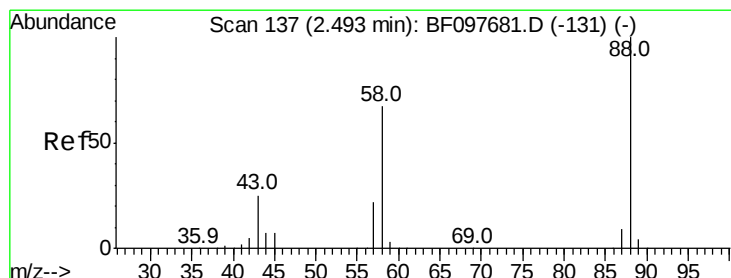
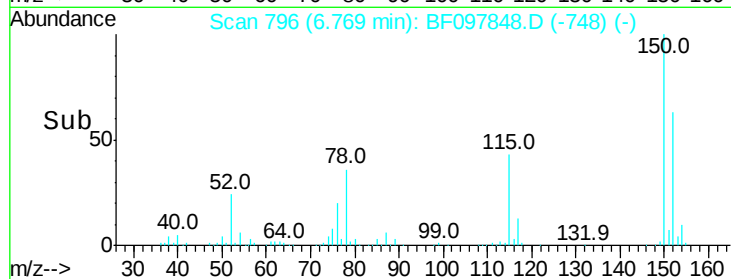
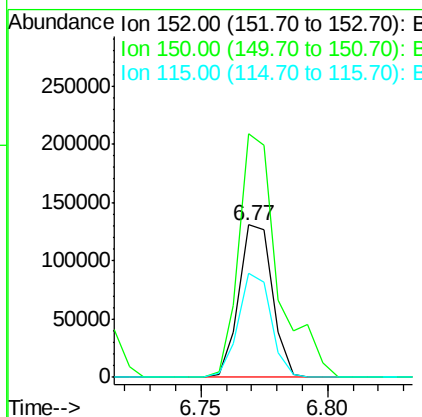
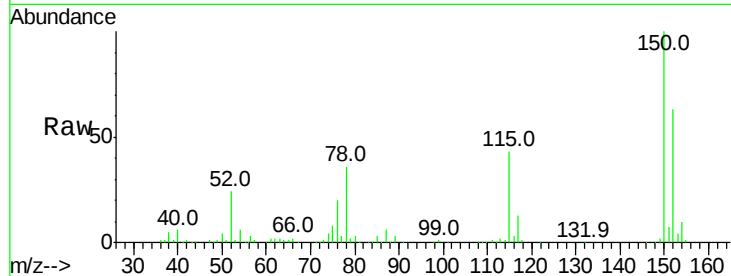
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampleId :
E4-24MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.2	189.2
115	68.6	52.2	78.2

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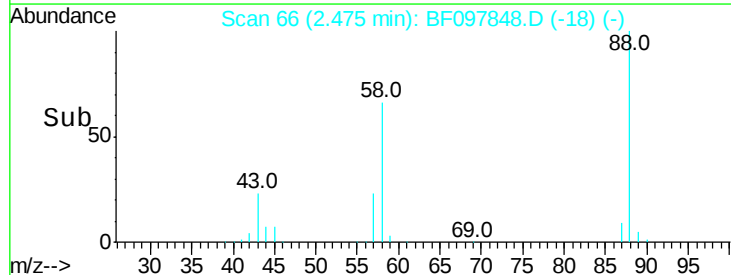
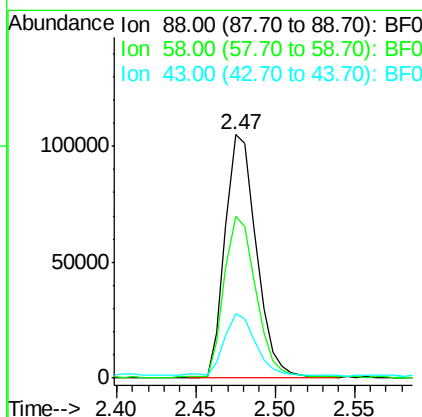
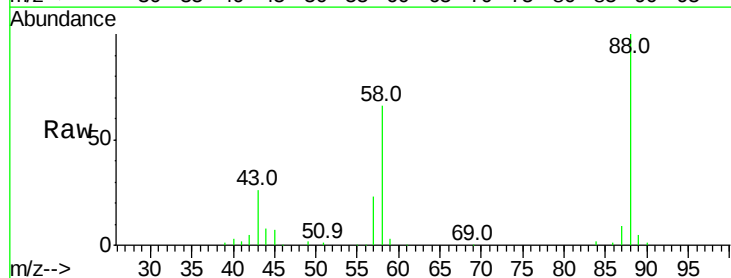
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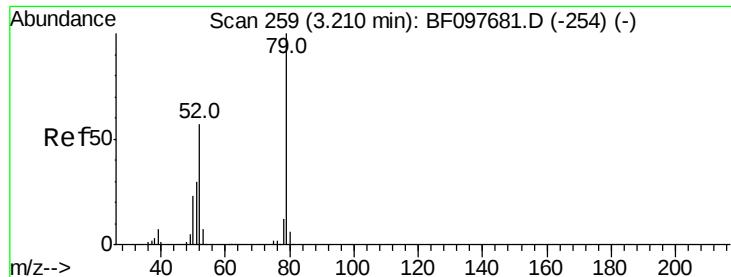


#2

1,4-Dioxane
Concen: 32.915 ng
RT: 2.47 min Scan# 66
Delta R.T. -0.02 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.5	61.4	92.0
43	25.1	23.4	35.0





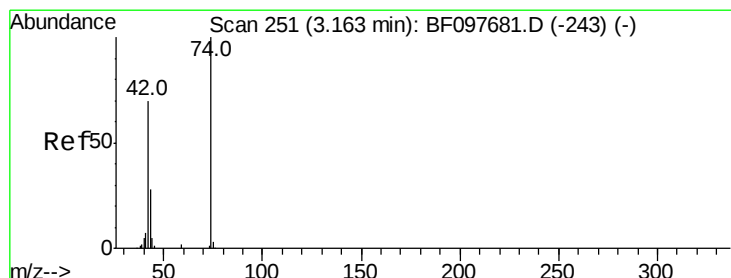
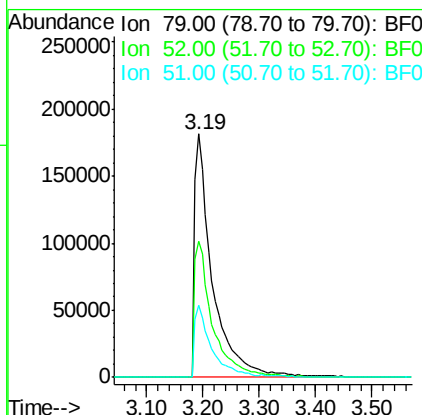
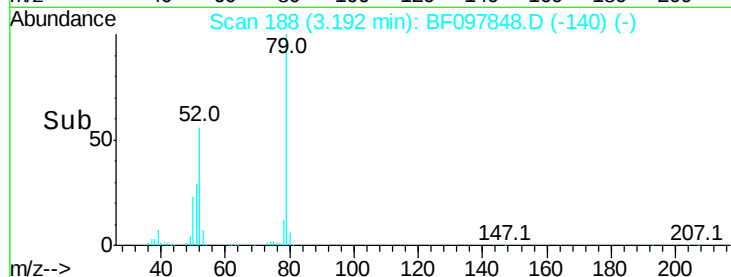
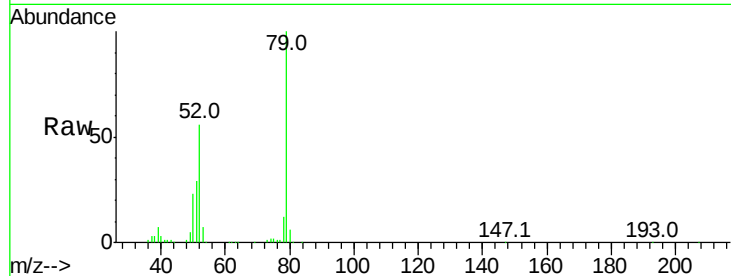
#3
Pvridine
Concen: 32.580 ng
RT: 3.19 min Scan# 188
Delta R.T. -0.02 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampleId :
E4-24MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	55.8	54.8	82.2
51	29.5	27.0	40.4

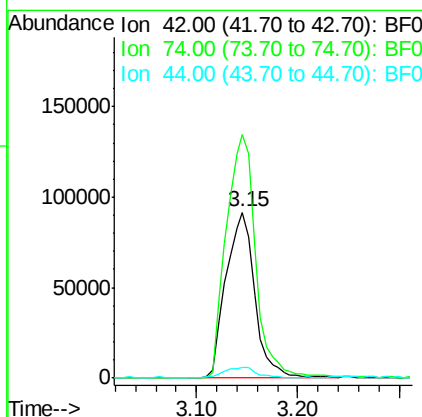
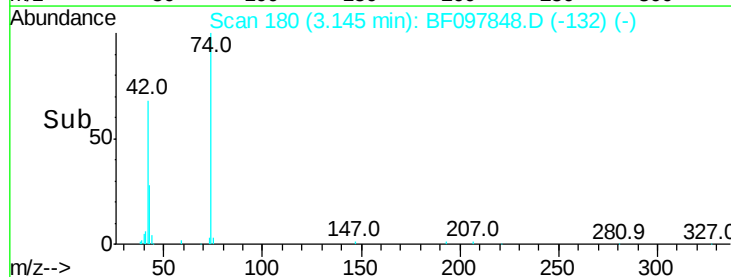
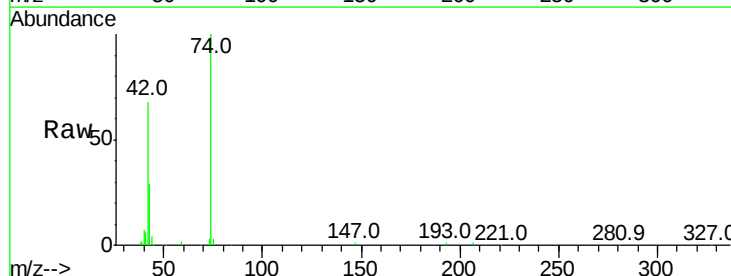
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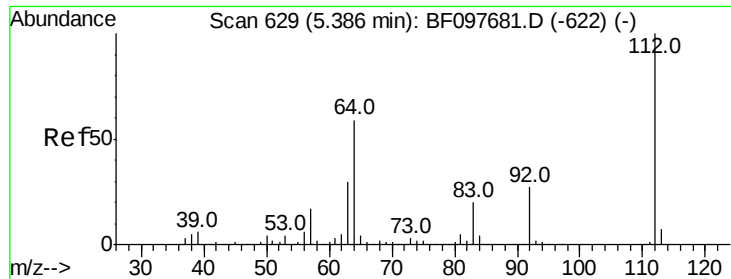
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#4
n-Nitrosodimethylamine
Concen: 38.701 ng
RT: 3.15 min Scan# 180
Delta R.T. -0.02 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.7	103.9	155.9
44	6.5	5.7	8.5





#5

2-Fluorophenol

Concen: 121.165 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

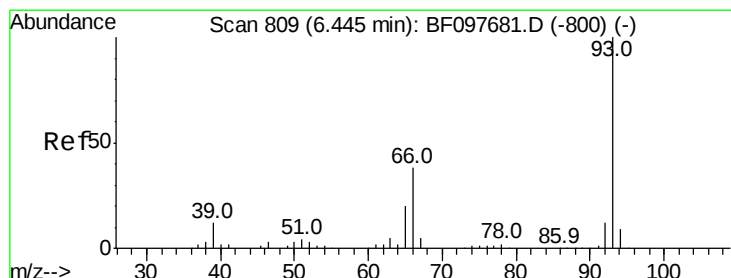
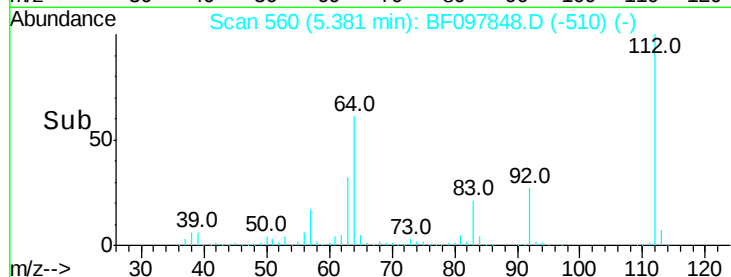
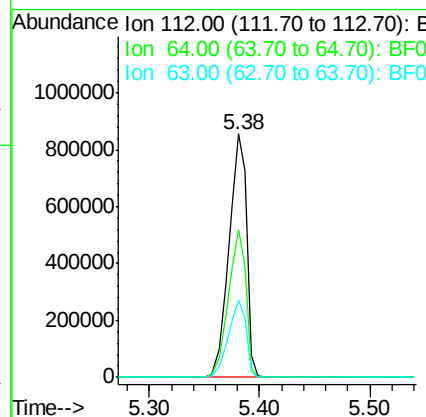
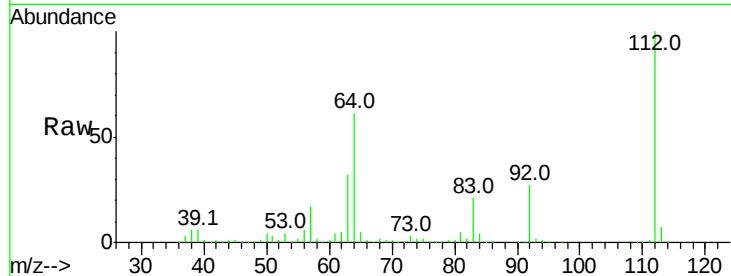
ClientSampleId :

E4-24MSD

Tot Ion:	112	Resp:	957577
Ion Ratio	Lower	Upper	
112	100		
64	60.8	46.0	69.0
63	31.9	23.4	35.0

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#6

Aniline

Concen: 32.139 ng

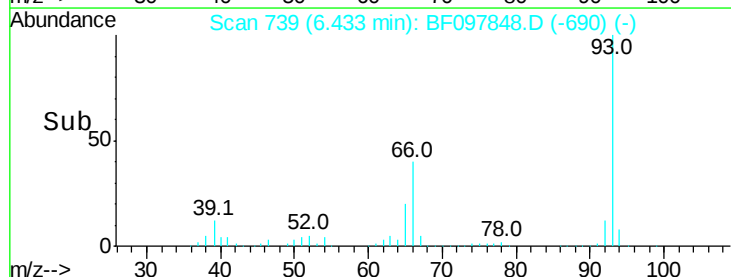
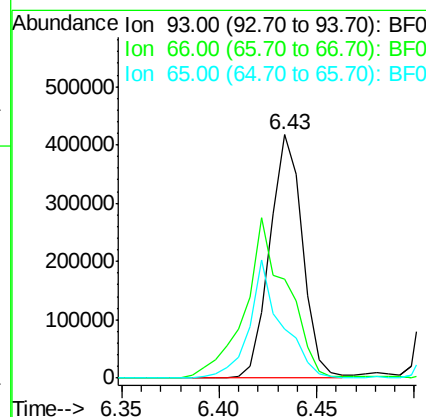
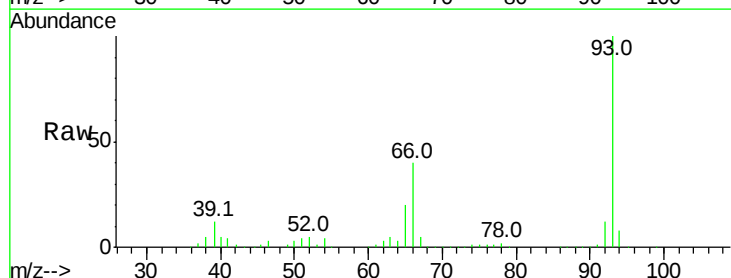
RT: 6.43 min Scan# 739

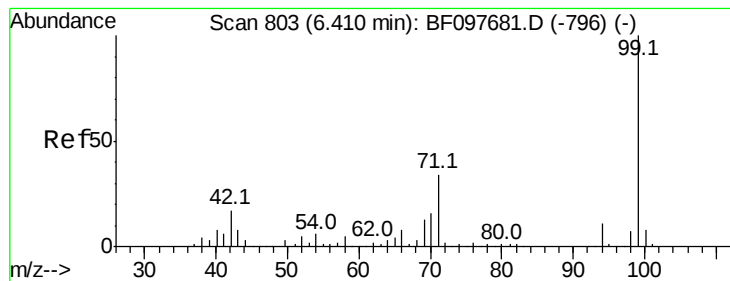
Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Tgt Ion:	93	Resp:	484807
Ion Ratio	Lower	Upper	
93	100		
66	40.4	32.9	49.3
65	20.1	16.0	24.0





#7

Phenol-d6

Concen: 121.735 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

ClientSampled :

E4-24MSD

Tot Ion: 99 Resp: 1307197

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

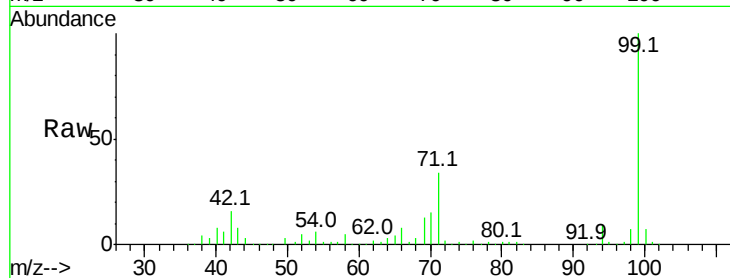
71 33.5 24.5 36.7

Manual Integrations

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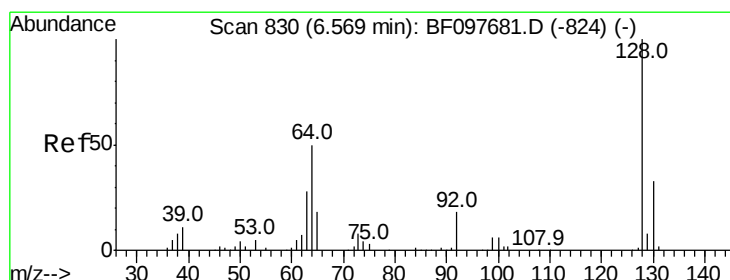
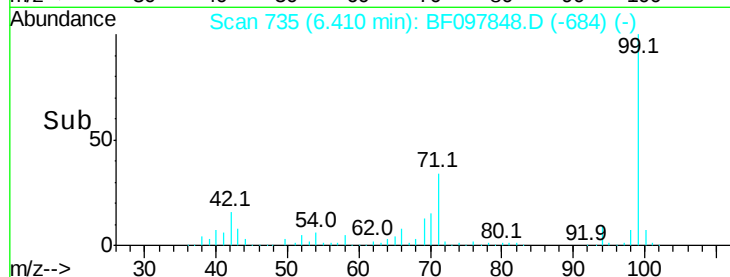
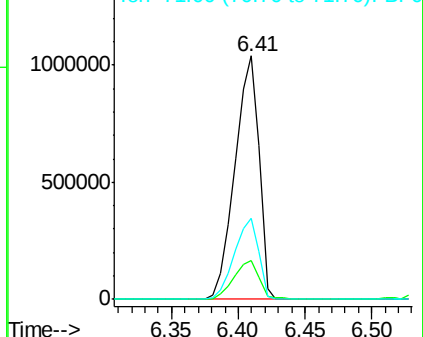
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.739 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

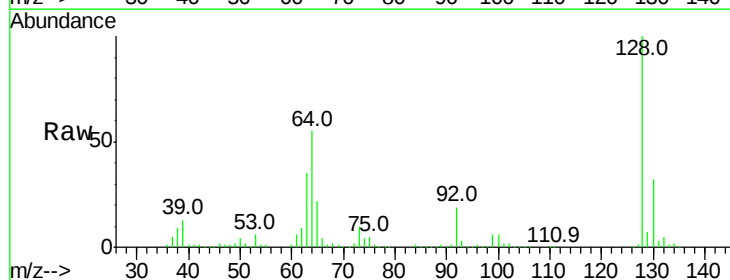
Tgt Ion:128 Resp: 339548

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

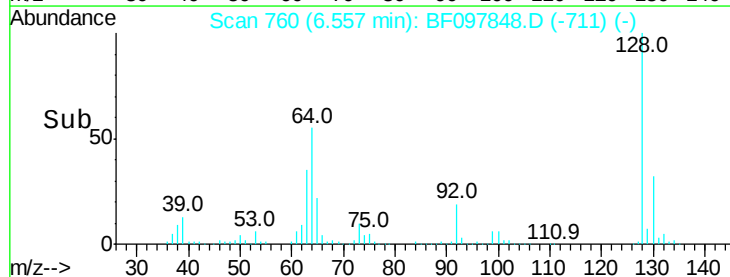
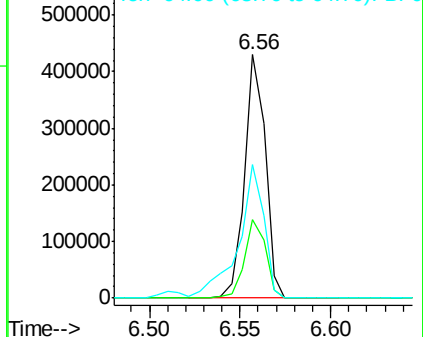
64 54.6 28.4 68.4

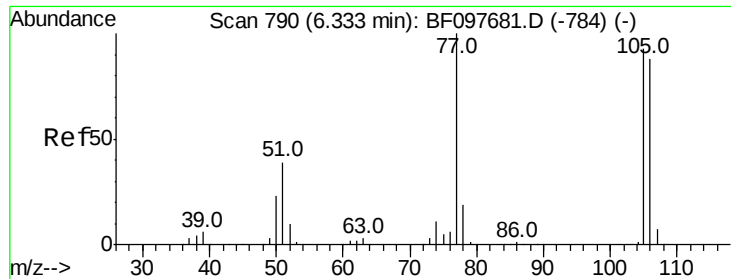


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 20.589 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.02 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

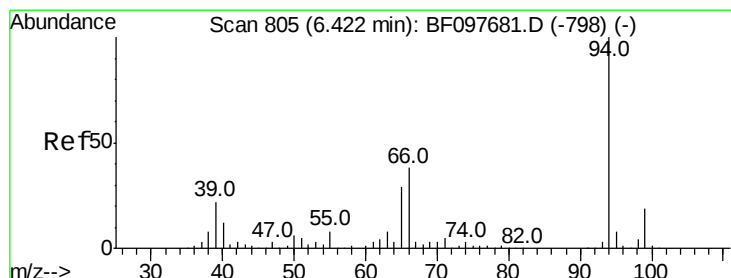
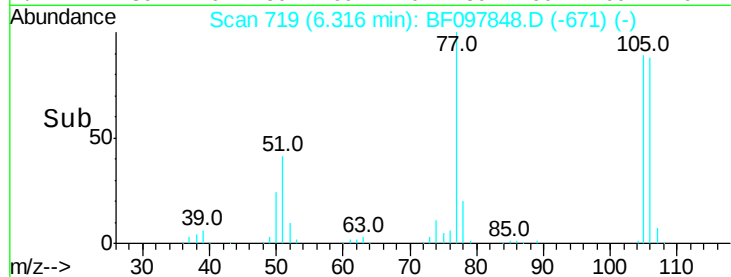
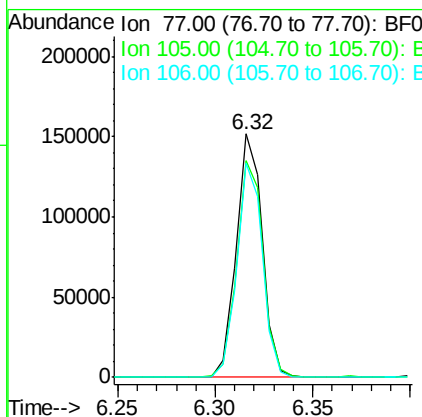
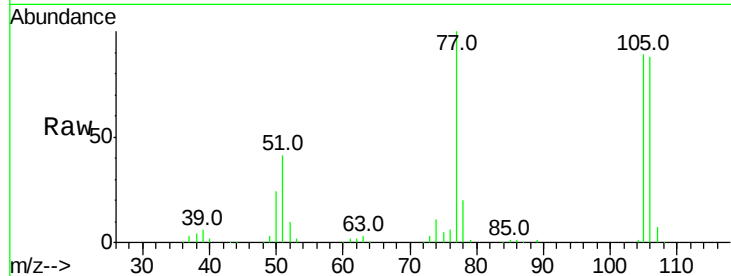
ClientSampleId :

E4-24MSD

Tot Ion:	77	Resp:	140038
Ion Ratio	Lower	Upper	
77	100		
105	89.2	83.8	123.8
106	87.9	79.1	119.1

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#10

Phenol

Concen: 39.760 ng

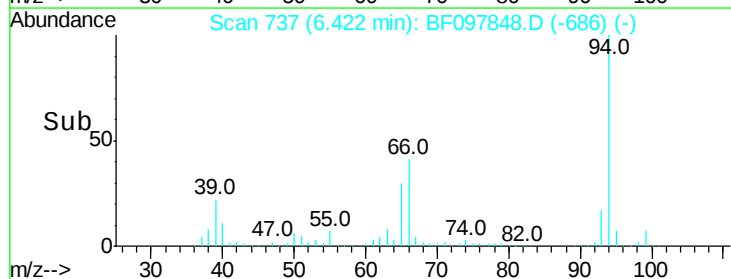
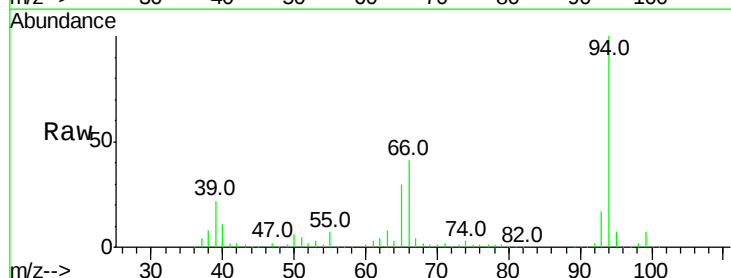
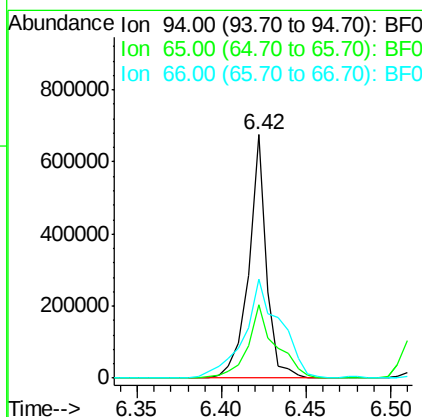
RT: 6.42 min Scan# 737

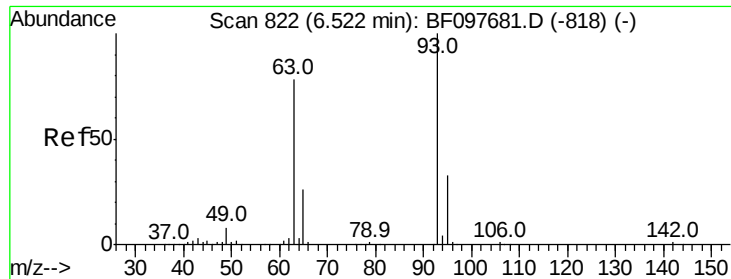
Delta R.T. 0.00 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Tgt Ion:	94	Resp:	499335
Ion Ratio	Lower	Upper	
94	100		
65	30.1	9.9	49.9
66	40.8	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 40.805 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

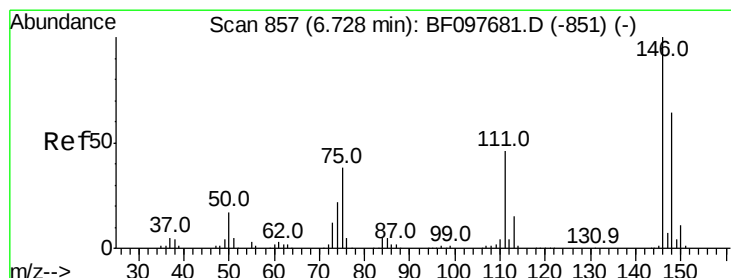
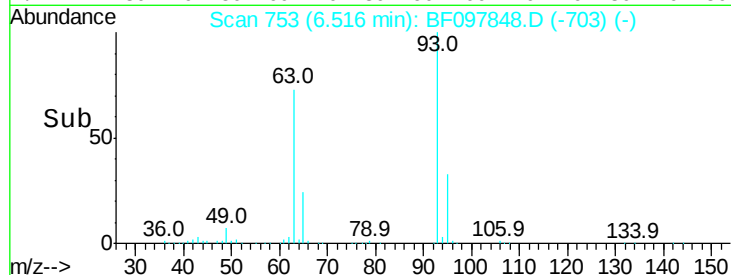
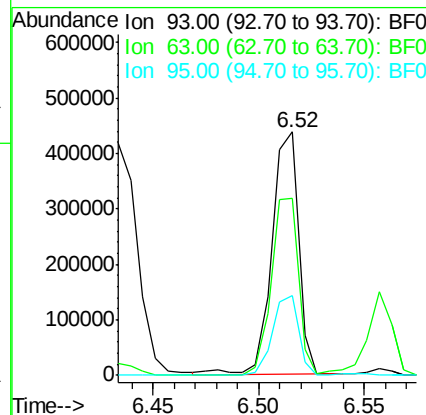
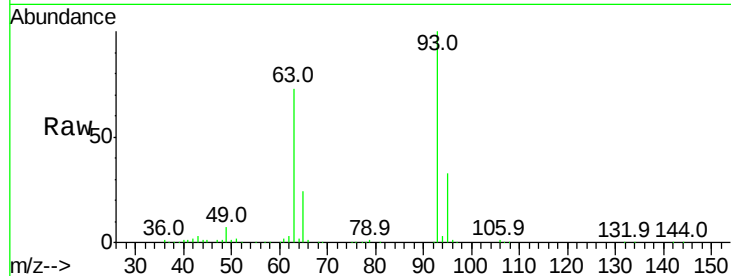
ClientSampleId :

E4-24MSD

Tot Ion:	93	Resp:	386780
Ion Ratio	Lower	Upper	
93	100		
63	72.8	59.2	99.2
95	33.0	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 37.273 ng

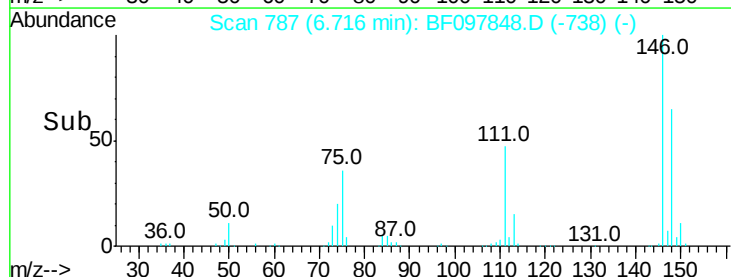
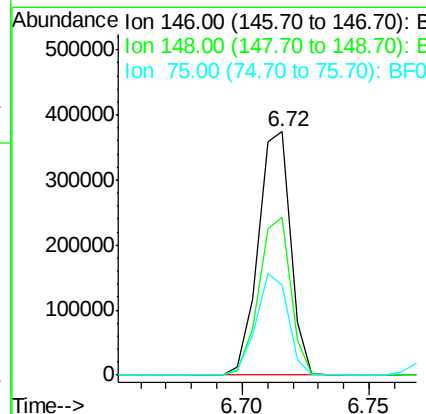
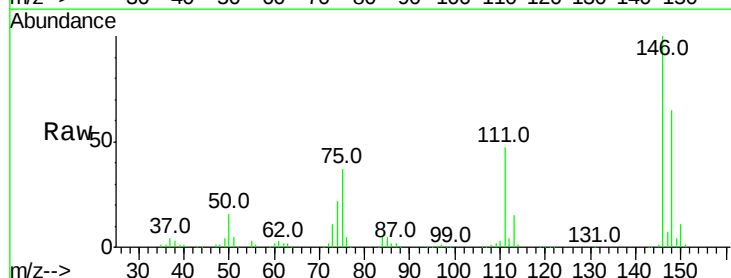
RT: 6.72 min Scan# 787

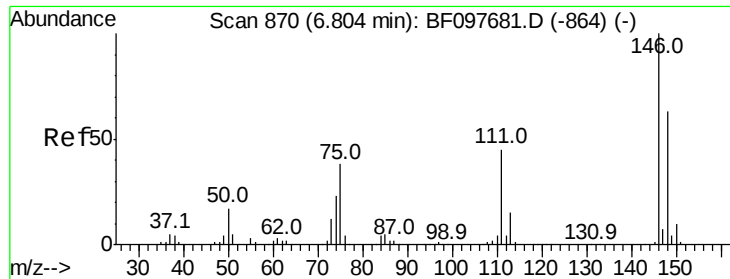
Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Tgt Ion:	146	Resp:	334161
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.8	77.6
75	37.2	23.1	34.7#





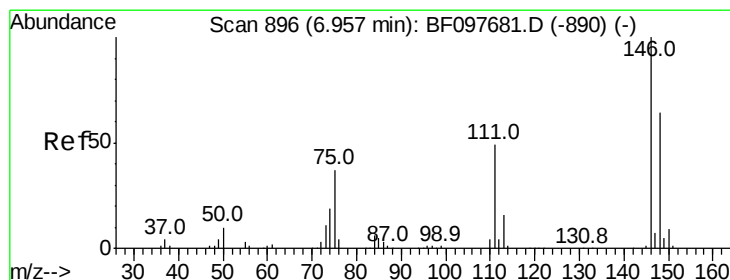
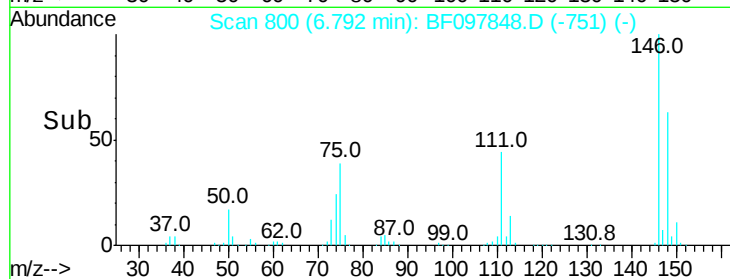
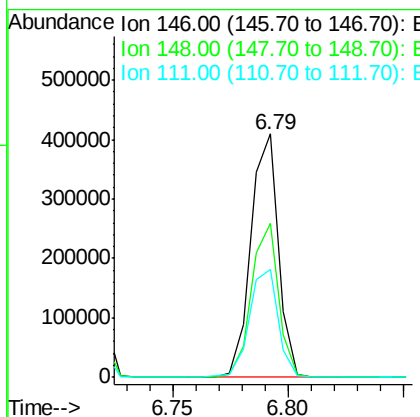
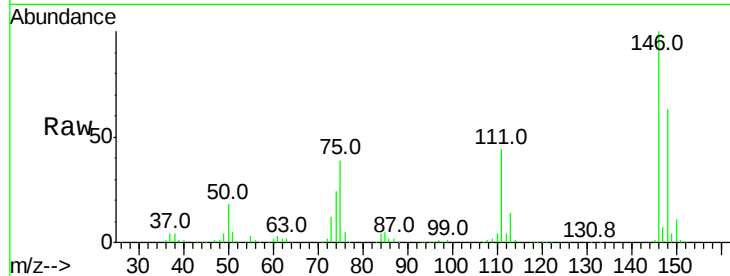
#13
 1,4-Dichlorobenzene
 Concen: 37.398 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Instrument :
 BNA_F
 ClientSampled :
 E4-24MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.2
111	44.3	30.3	45.5

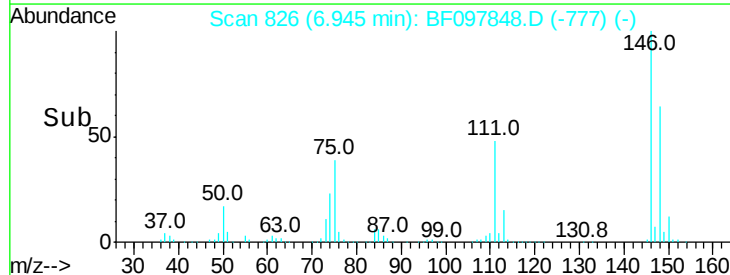
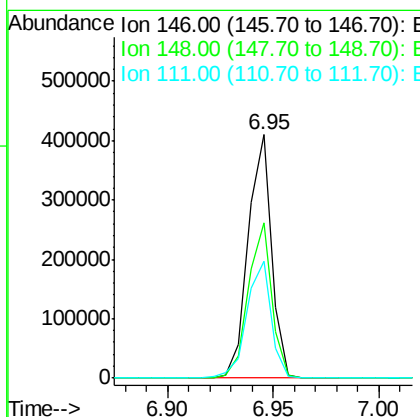
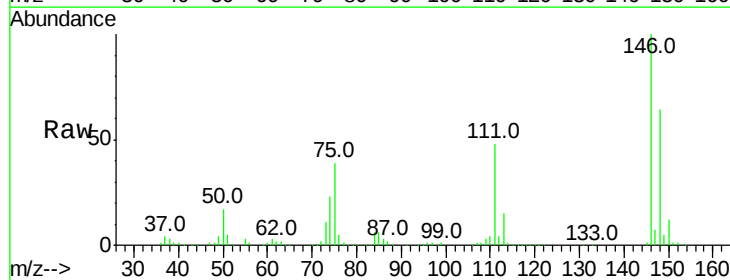
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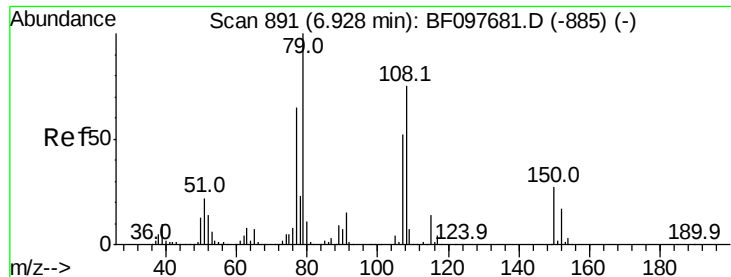
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#14
 1,2-Dichlorobenzene
 Concen: 37.608 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
111	47.9	38.2	57.4





#15

Benzyl Alcohol

Concen: 44.349 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

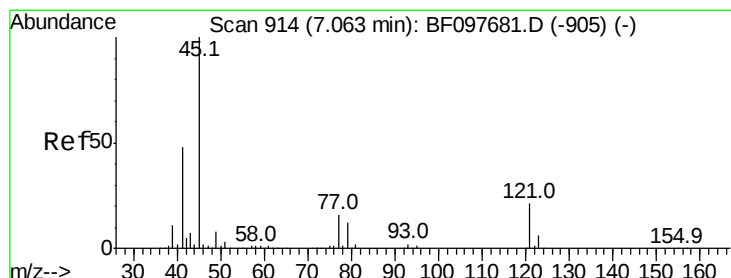
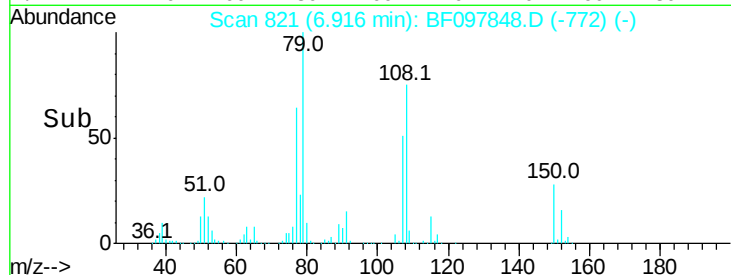
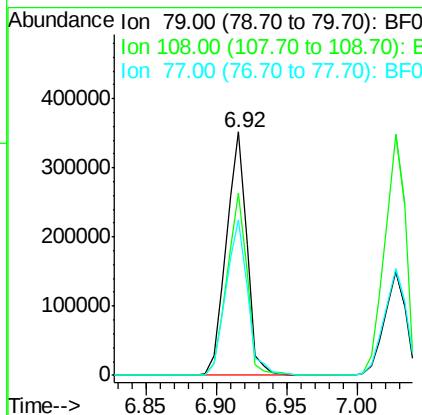
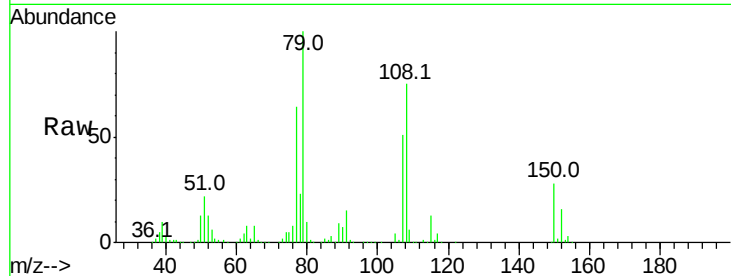
ClientSampleId :

E4-24MSD

Tot Ion:	79	Resp:	356544
Ion Ratio	Lower	Upper	
79	100		
108	74.7	63.4	95.0
77	63.6	49.2	73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.417 ng

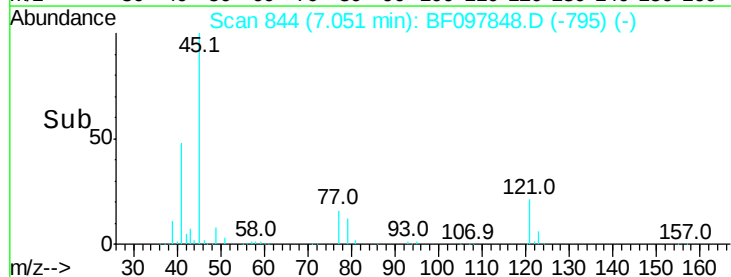
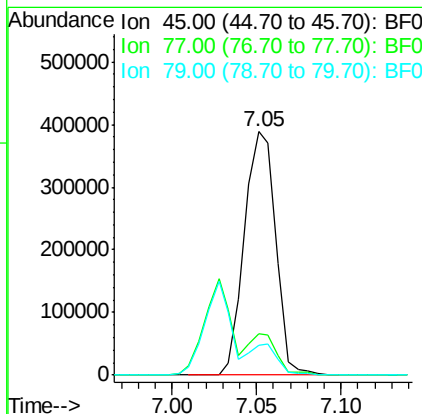
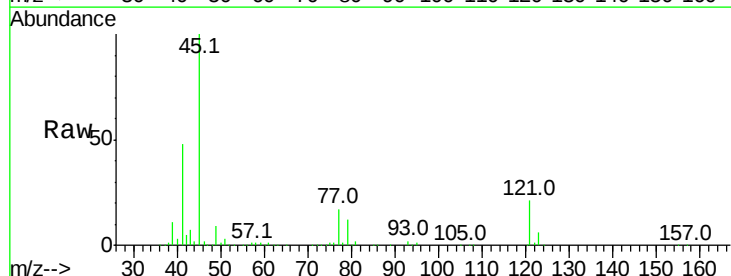
RT: 7.05 min Scan# 844

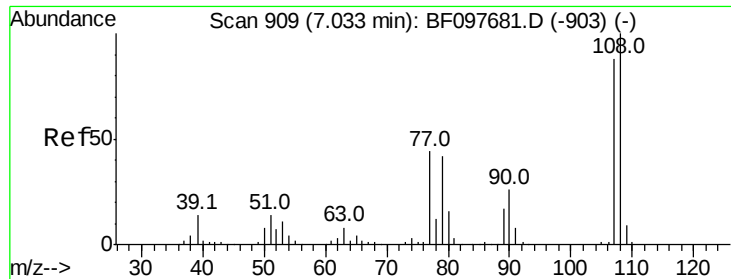
Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Tgt Ion:	45	Resp:	502706
Ion Ratio	Lower	Upper	
45	100		
77	17.0	0.0	33.2
79	12.3	0.0	30.0





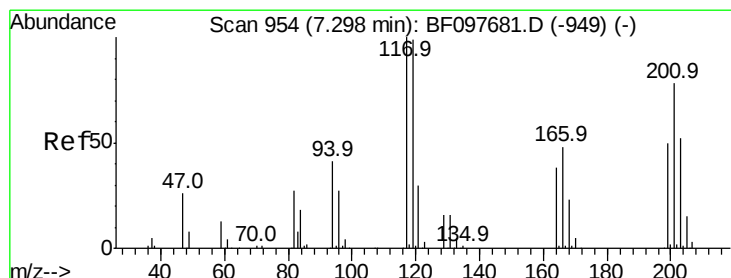
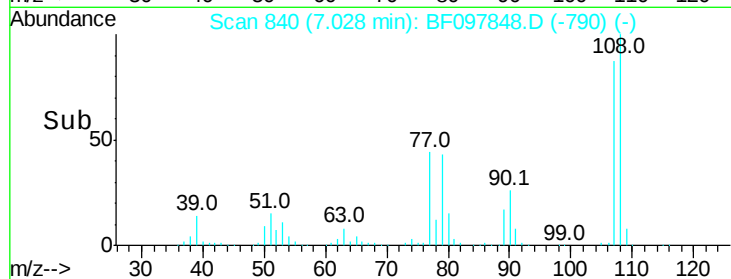
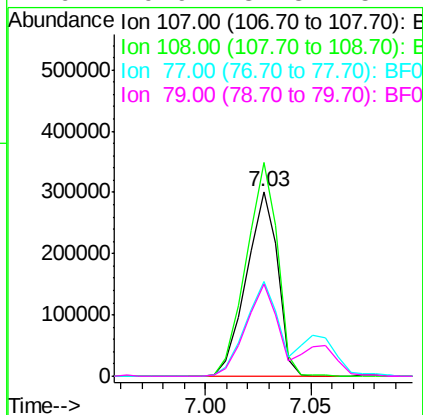
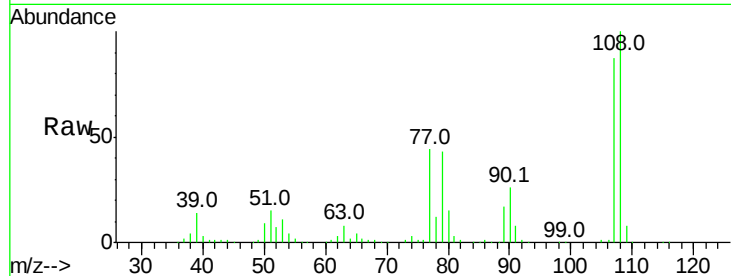
#17
2-Methylphenol
Concen: 42.301 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampleId :
E4-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.5	93.4	140.0	
77	51.2	35.8	53.6	
79	49.9	34.8	52.2	

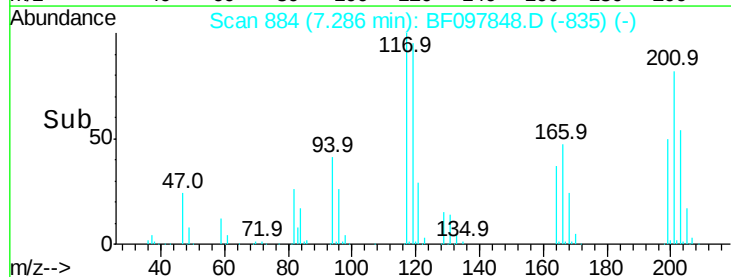
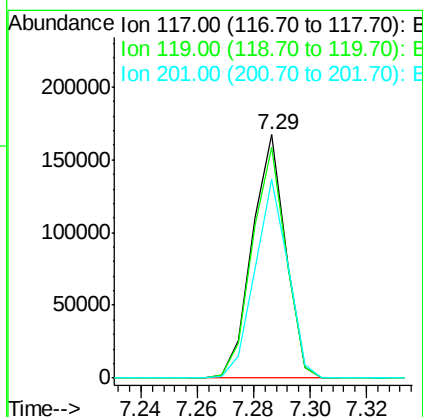
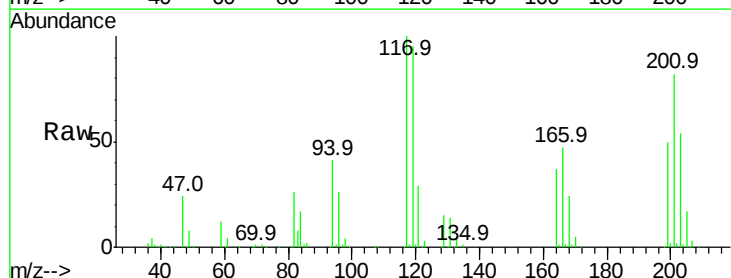
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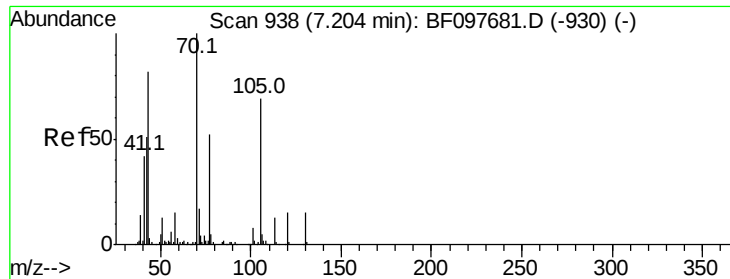
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#18
Hexachloroethane
Concen: 38.361 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	77.4	116.0	
201	81.6	94.6	141.8#	





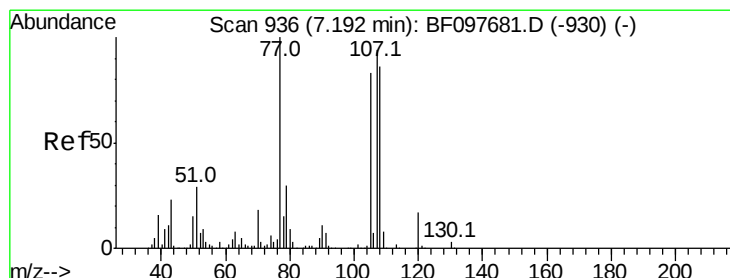
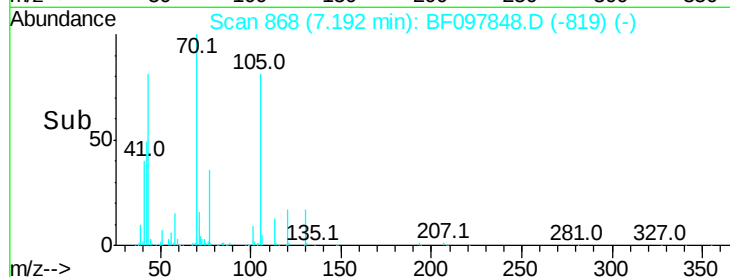
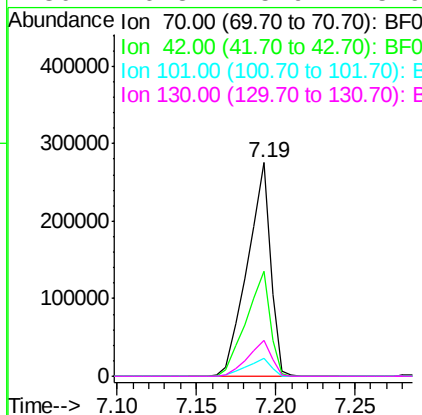
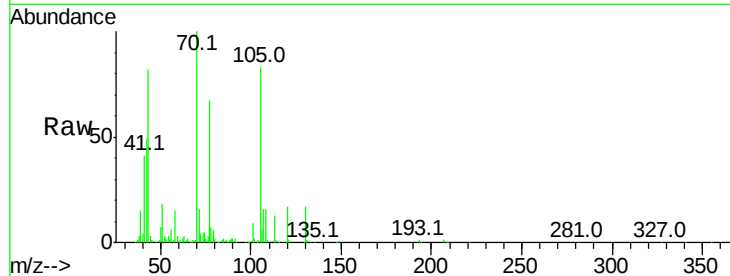
#19
n-Nitroso-di-n-propylamine
Concen: 37.916 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampleId :
E4-24MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.2	47.2	70.8	
101	8.6	7.2	10.8	
130	16.8	15.9	23.9	

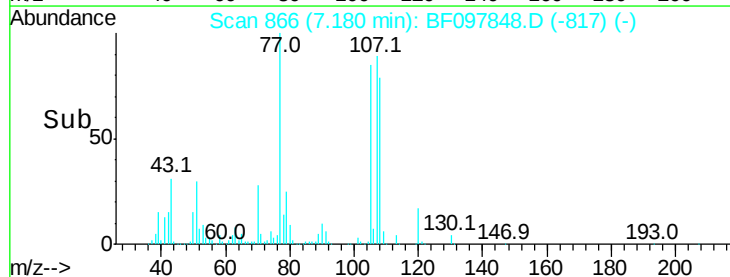
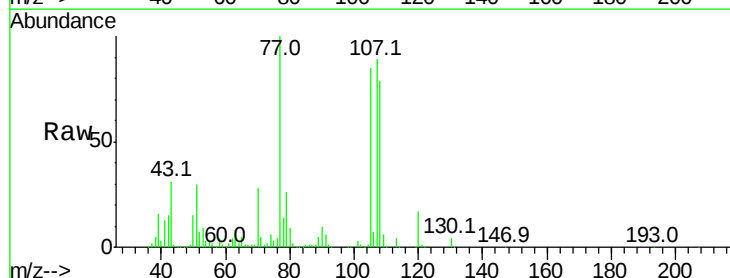
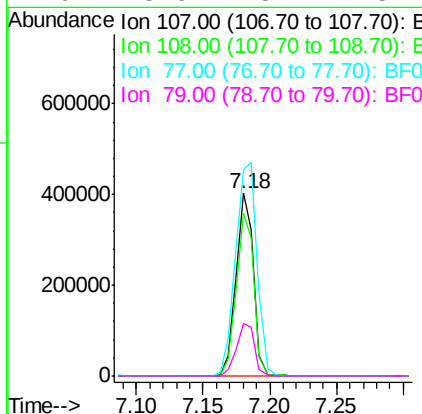
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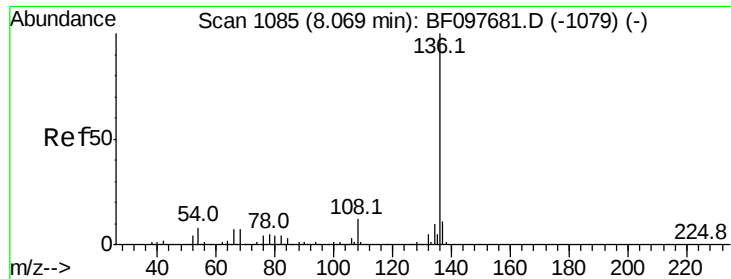
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#20
3+4-Methylphenols
Concen: 41.048 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.1	71.0	111.0	
77	112.8	90.5	130.5	
79	28.9	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

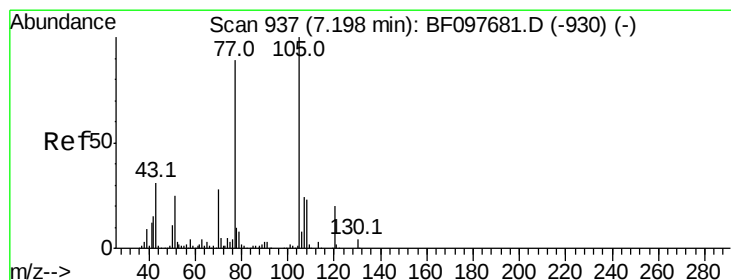
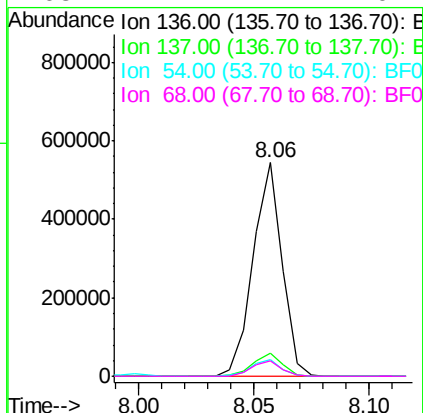
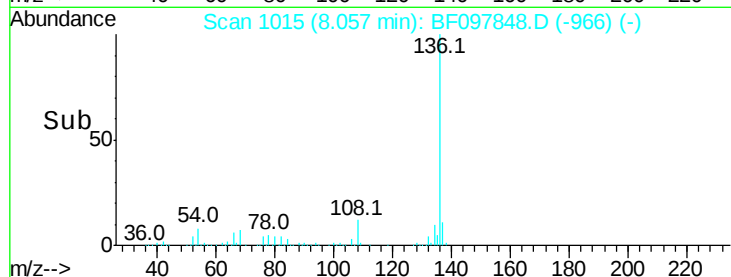
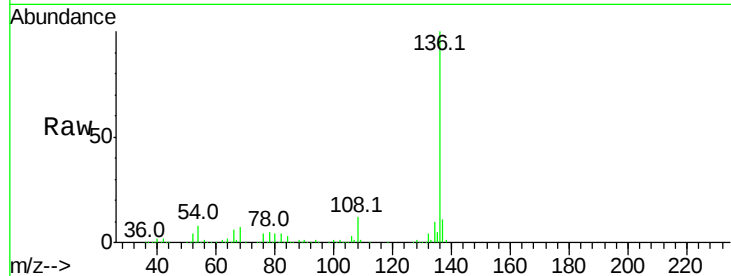
ClientSampleId :

E4-24MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.6	4.9	7.3#
68	7.4	4.1	6.1#

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#22

Acetophenone

Concen: 39.504 ng

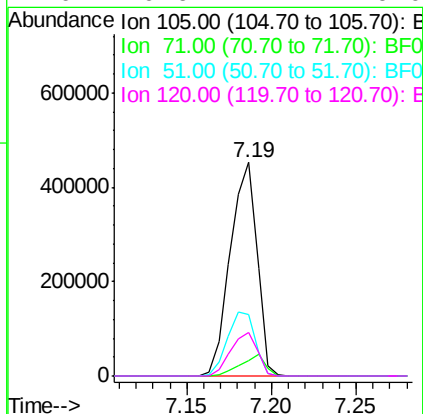
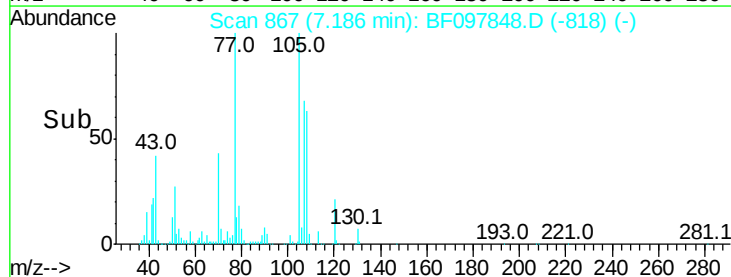
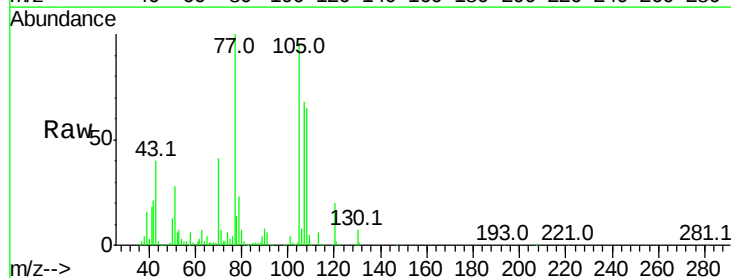
RT: 7.19 min Scan# 867

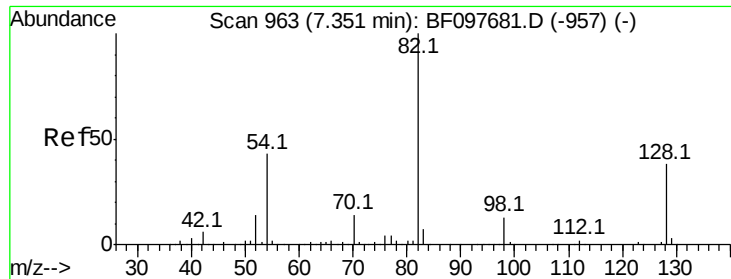
Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.0	2.8	4.2#
51	28.8	30.7	46.1#
120	20.6	17.4	26.0





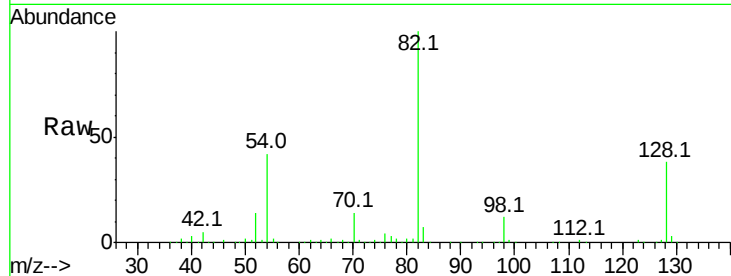
#23
Nitrobenzene-d5
Concen: 93.739 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampleId :
E4-24MSD

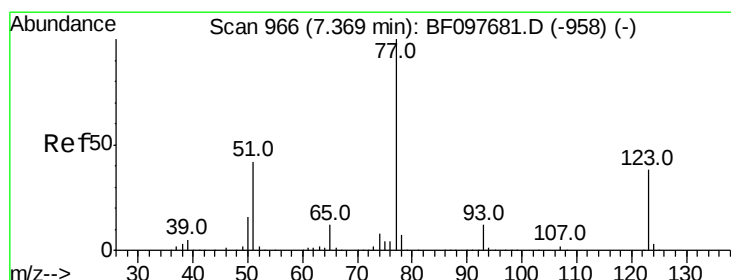
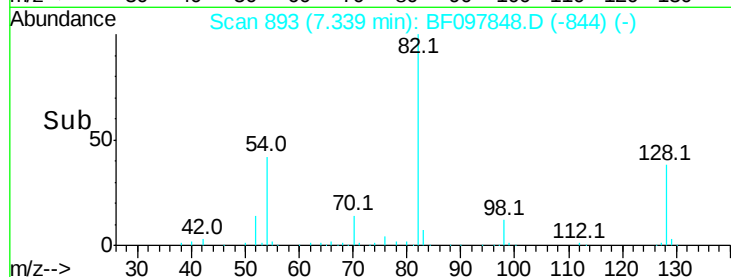
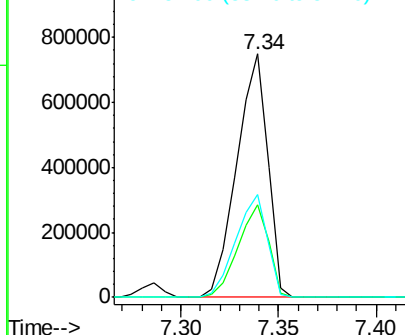
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.9	34.0	51.0	
54	42.0	42.2	63.2	

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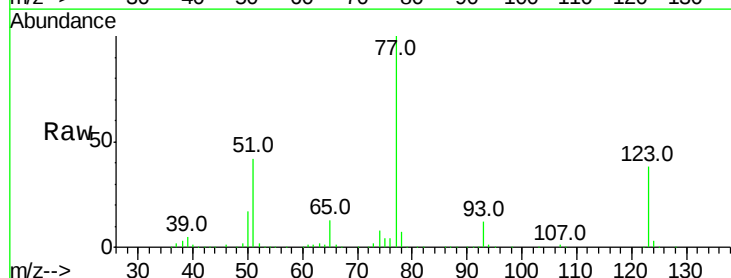


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

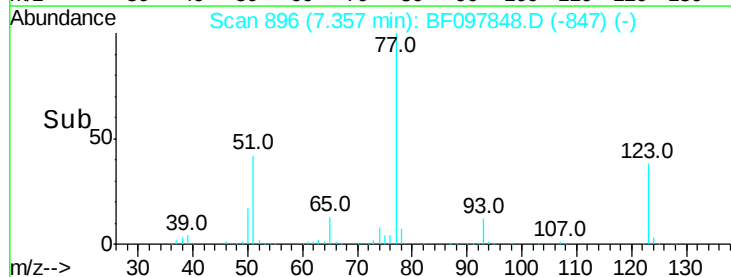
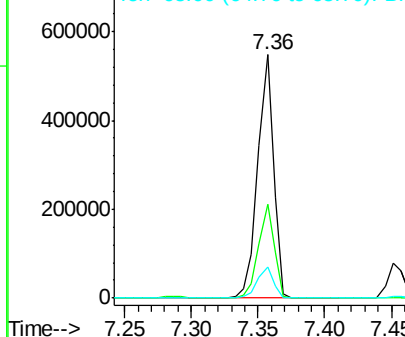


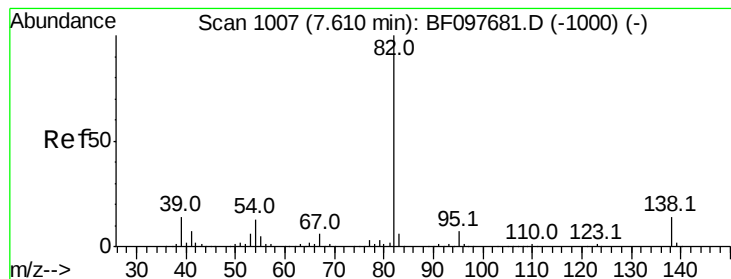
#24
Nitrobenzene
Concen: 45.467 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	38.4	35.8	53.8	
65	12.7	10.6	15.8	



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: 43.521 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

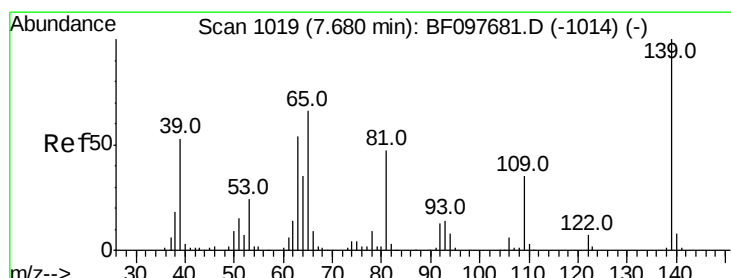
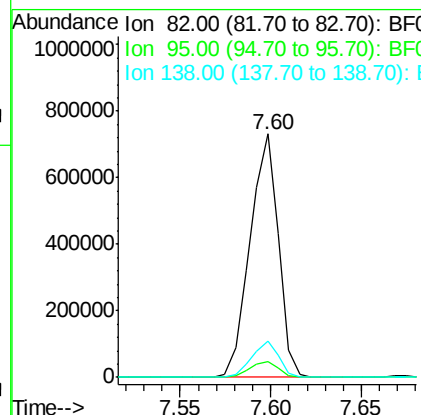
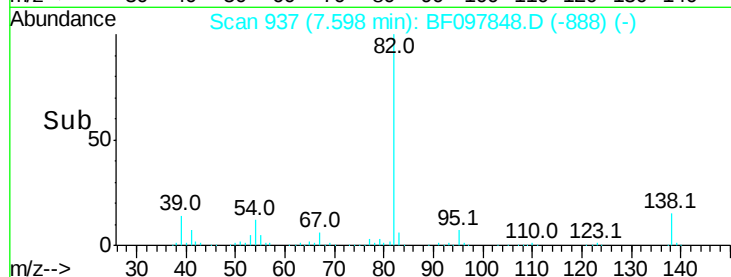
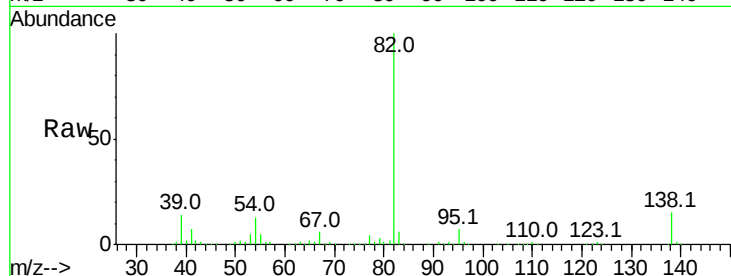
ClientSampleId :

E4-24MSD

Tot Ion:	82	Resp:	794352
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	14.8	13.1	19.7

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#26

2-Nitrophenol

Concen: 47.945 ng

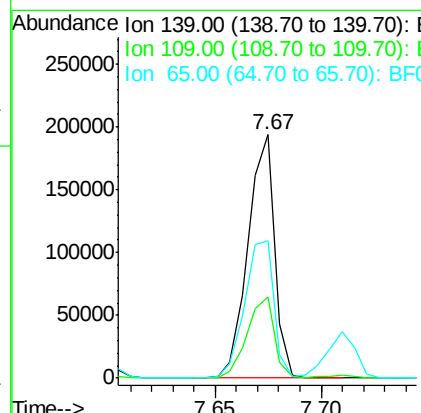
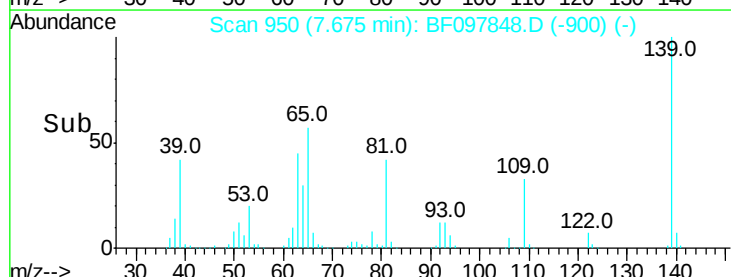
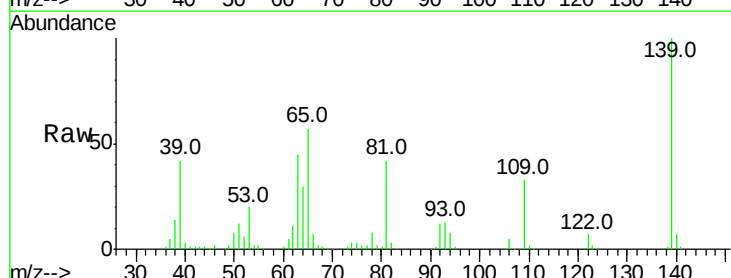
RT: 7.67 min Scan# 950

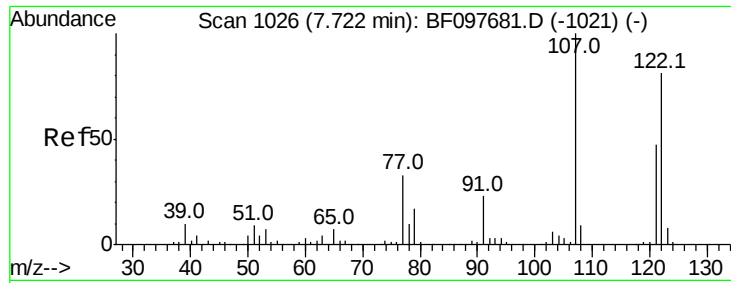
Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Tgt Ion:	139	Resp:	169744
Ion Ratio	Lower	Upper	
139	100		
109	33.4	21.0	31.6#
65	56.5	33.0	49.6#





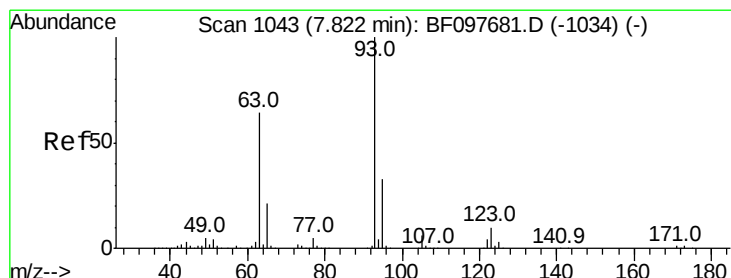
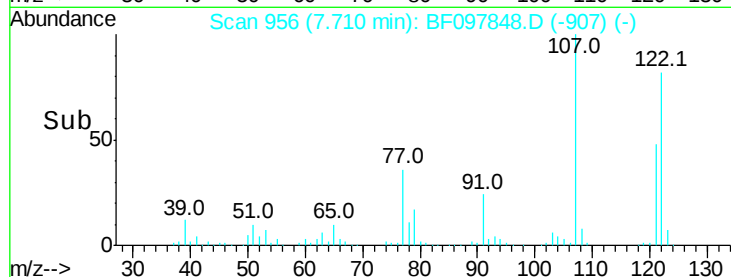
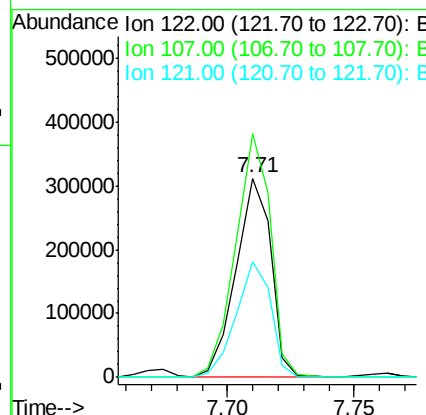
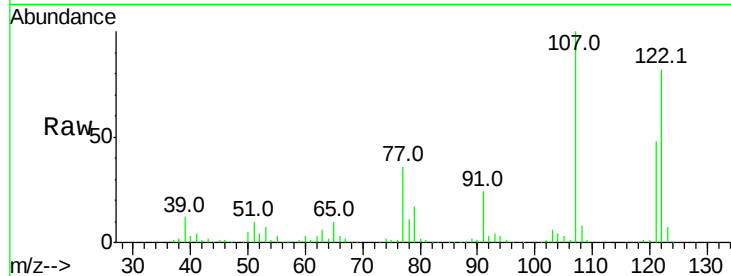
#27
 2,4-Dimethylphenol
 Concen: 39.353 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Instrument :
 BNA_F
 ClientSampled :
 E4-24MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		299565		
107	122.1	89.2	133.8		
121	58.0	45.2	67.8		

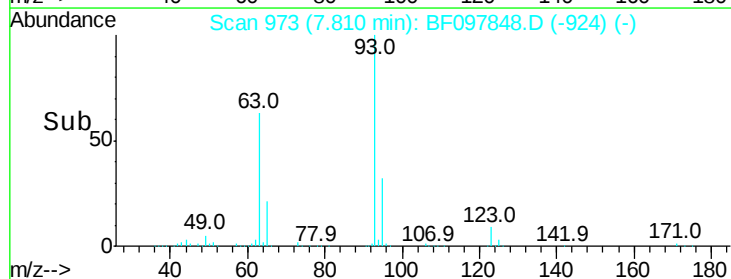
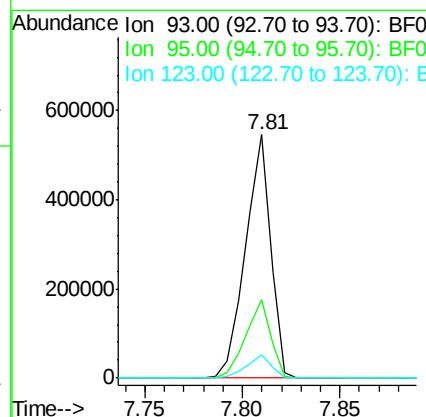
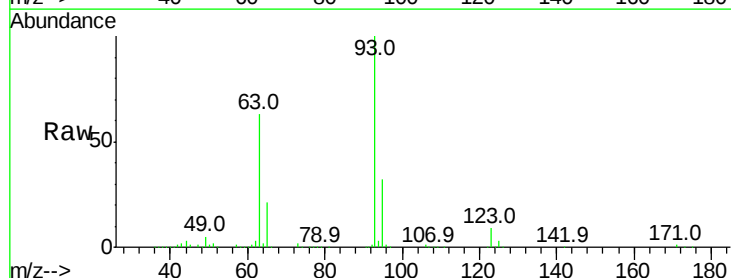
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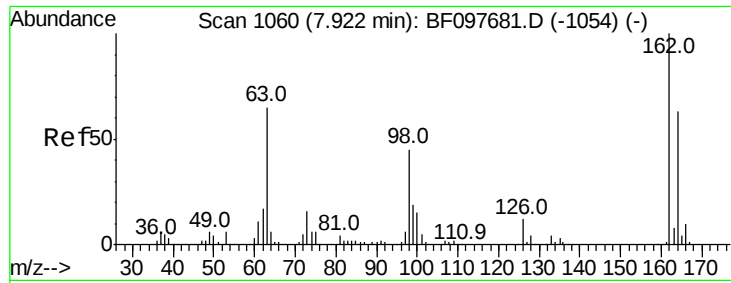
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.768 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		489206		
95	32.1	26.5	39.7		
123	9.5	9.0	13.4		





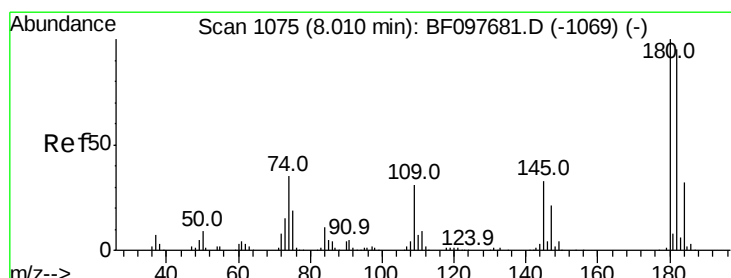
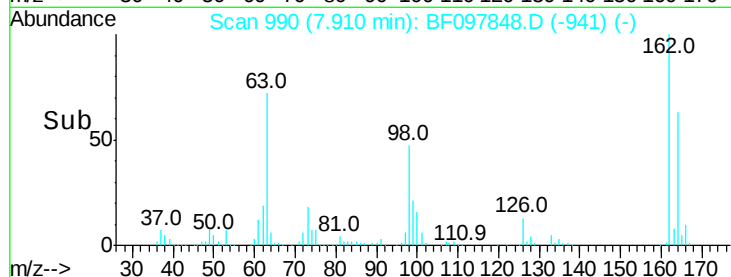
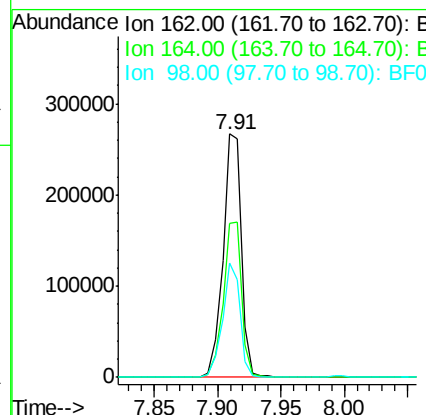
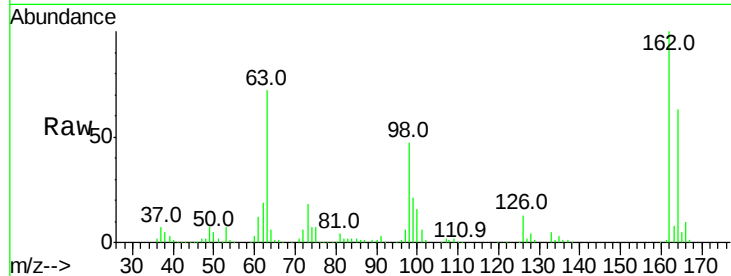
#29
 2,4-Dichlorophenol
 Concen: 43.097 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	272321		
164	63.1	44.6	84.6	
98	47.0	14.8	54.8	

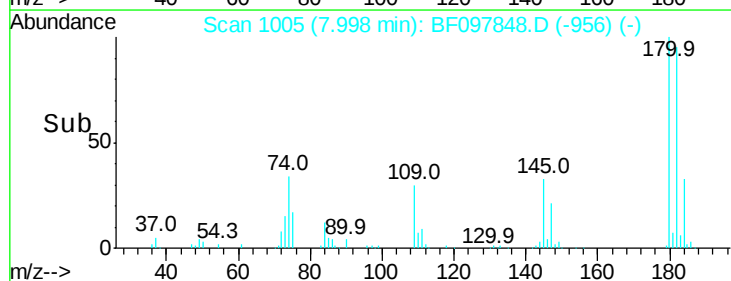
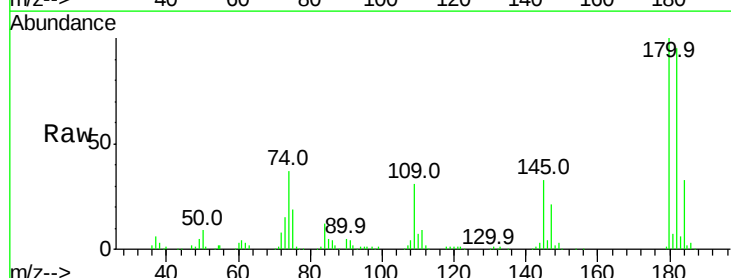
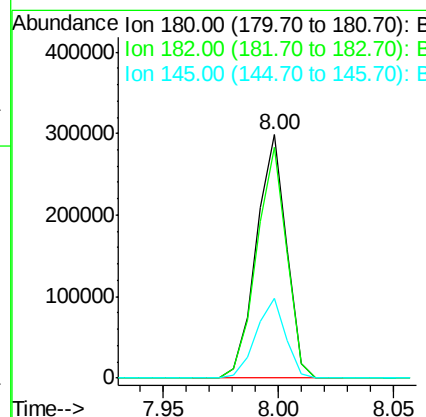
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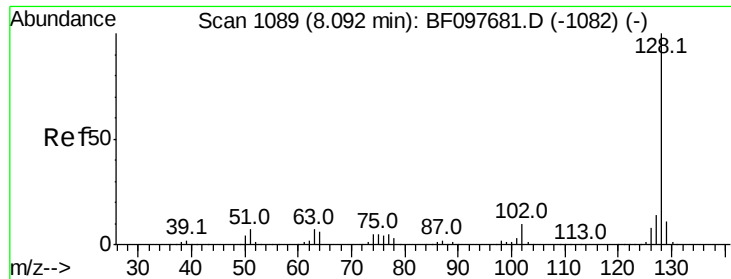
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.837 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	272044		
182	94.6	75.8	113.6	
145	32.5	25.3	37.9	





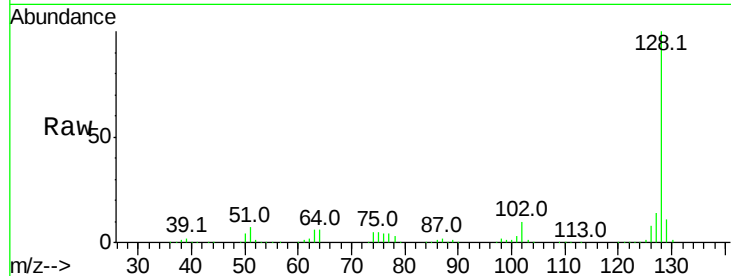
#31
Naphthalene
Concen: 39.098 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampled :
E4-24MSD

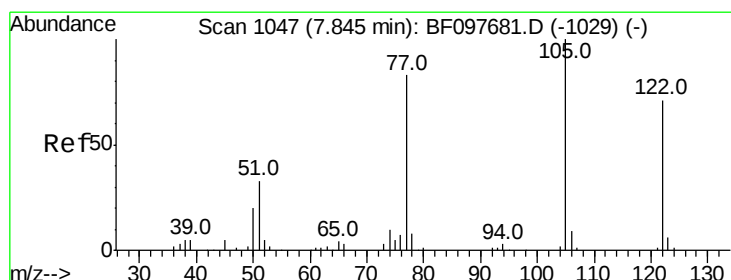
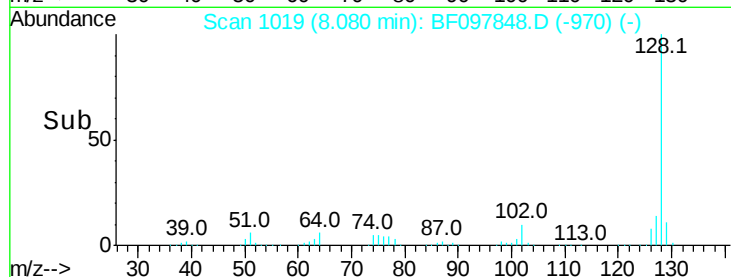
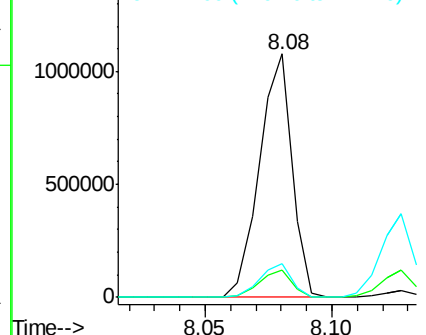
Tot Ion	Ratio	Resp	Lower	Upper
128	100	967887		
129	11.0		9.0	13.6
127	13.8		10.8	16.2

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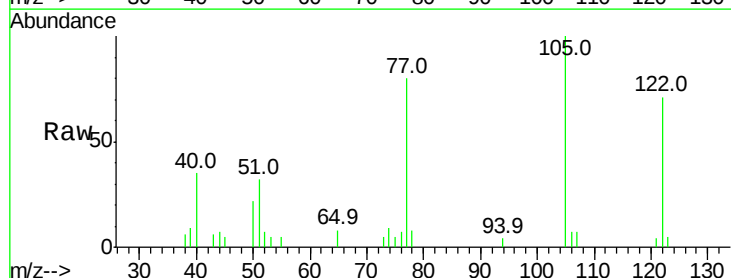


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

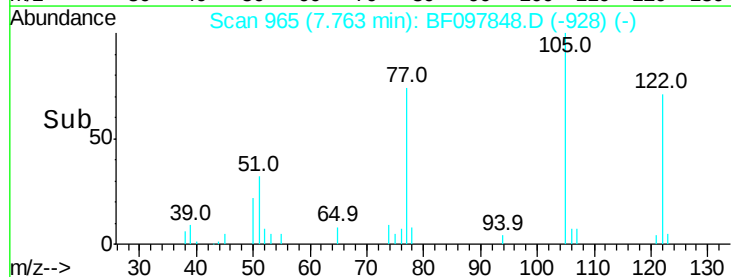
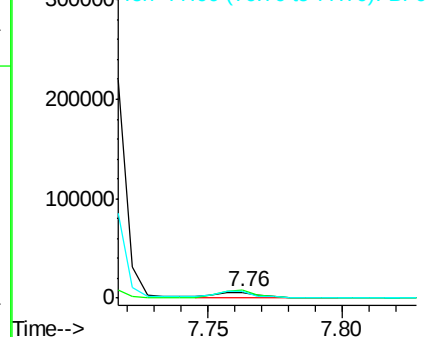


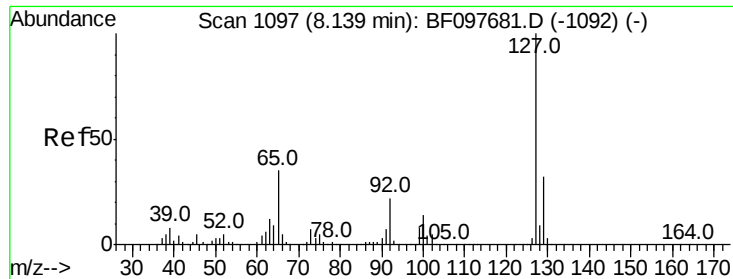
#32
Benzoic acid
Concen: 7.520 ng m
RT: 7.76 min Scan# 965
Delta R.T. -0.08 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	7141		
105	140.7		103.3	143.3
77	113.2		73.7	113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





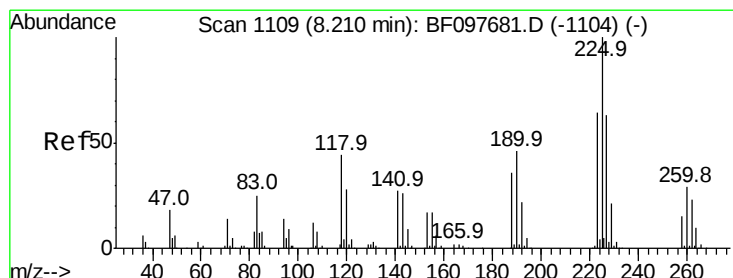
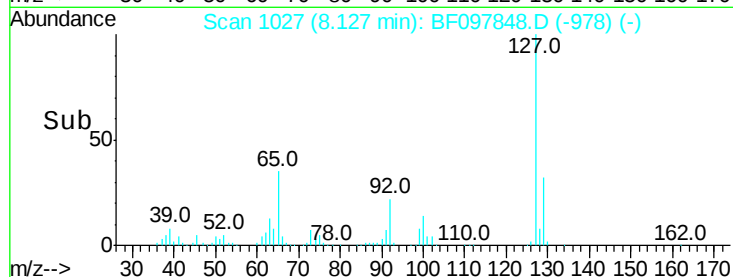
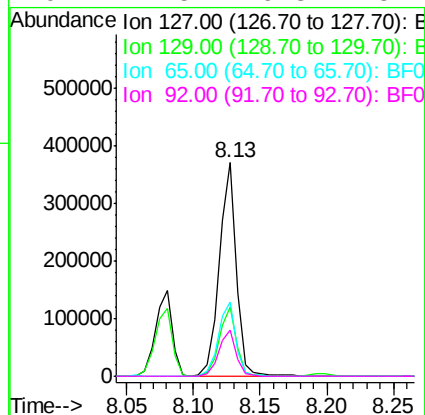
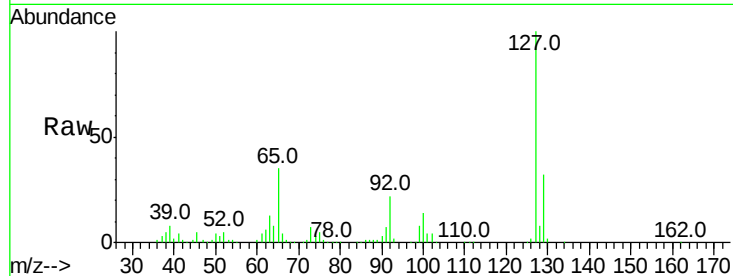
#33
4-Chloroaniline
Concen: 31.888 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampleId :
E4-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.2	39.2	
65	34.5	27.8	41.8	
92	21.5	16.8	25.2	

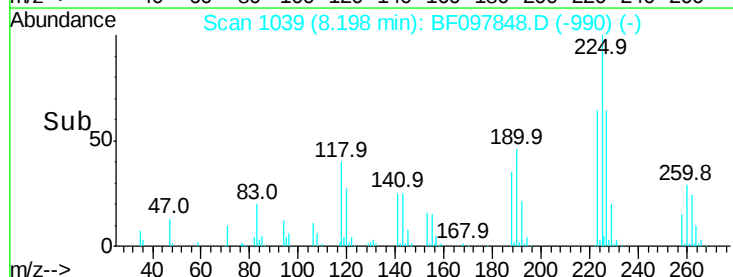
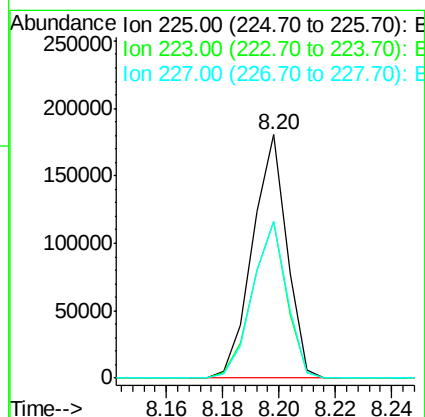
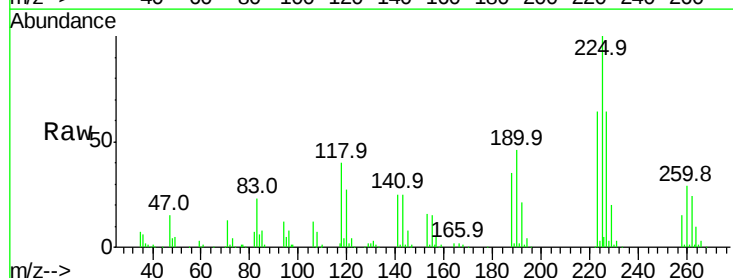
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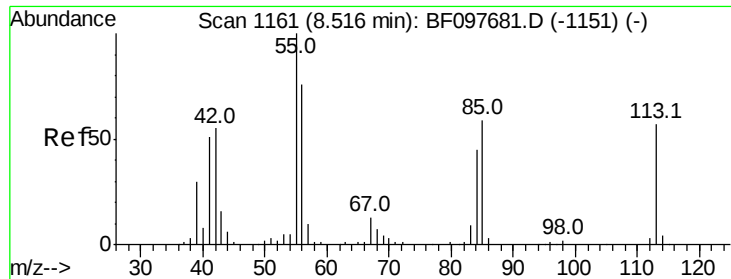
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#34
Hexachlorobutadiene
Concen: 37.300 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.2	48.8	73.2	
227	64.4	51.1	76.7	





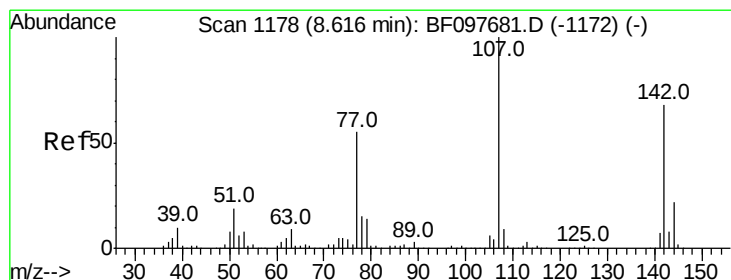
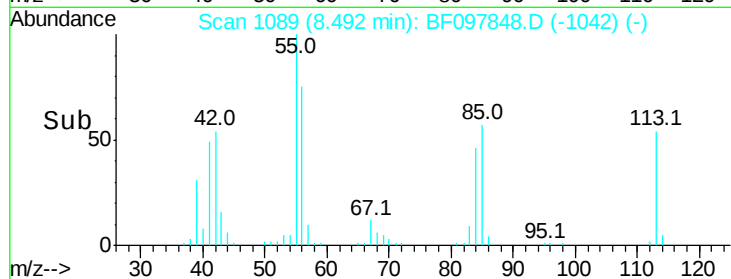
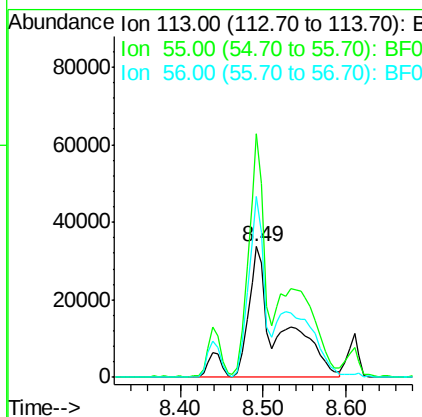
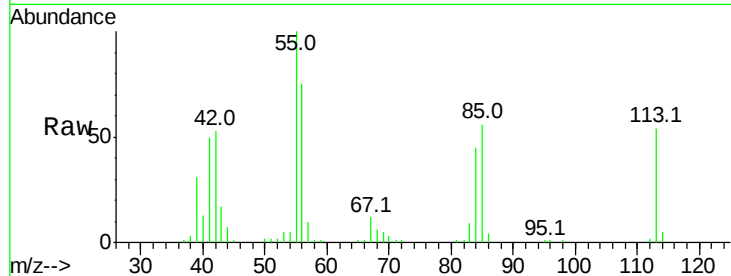
#35
 Caprolactam
 Concen: 43.616 ng/ml
 RT: 8.49 min Scan# 1089
 Delta R.T. -0.02 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Instrument :
 BNA_F
 ClientSampleID :
 E4-24MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	186.0	150.2	190.2	
56	138.6	107.8	147.8	

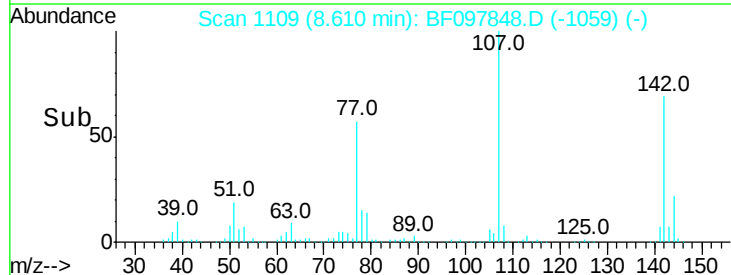
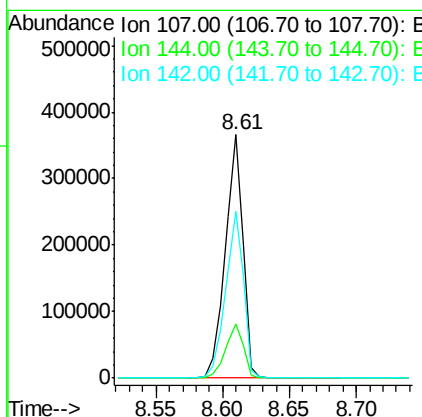
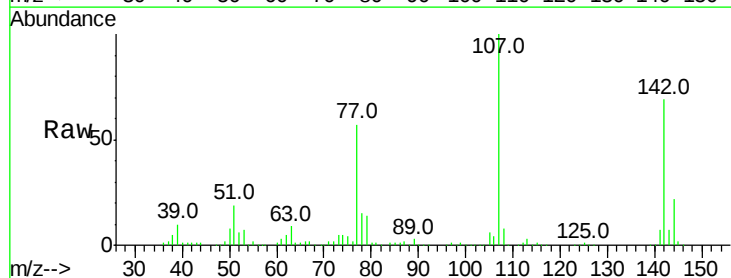
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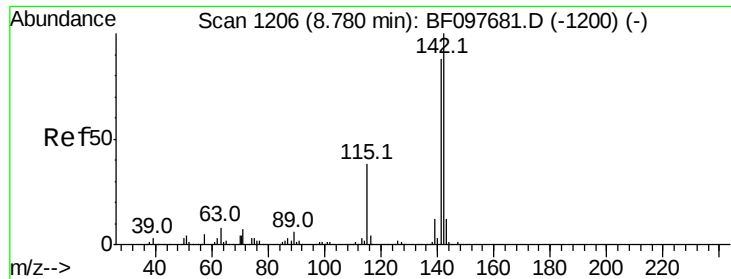
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#36
 4-Chloro-3-methylphenol
 Concen: 42.390 ng/ml
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	22.2	24.2	36.4#	
142	68.7	73.4	110.0#	





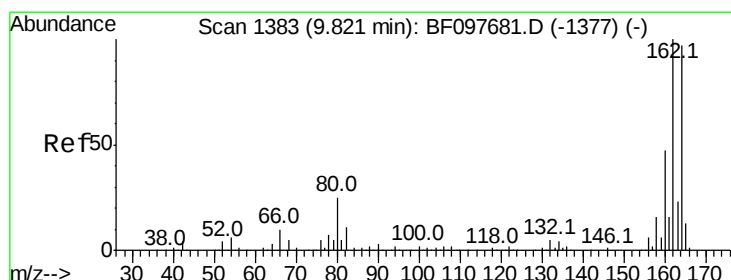
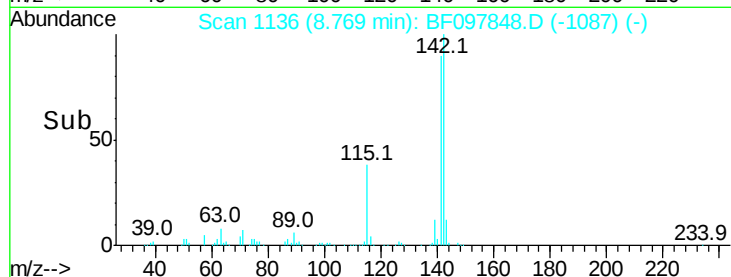
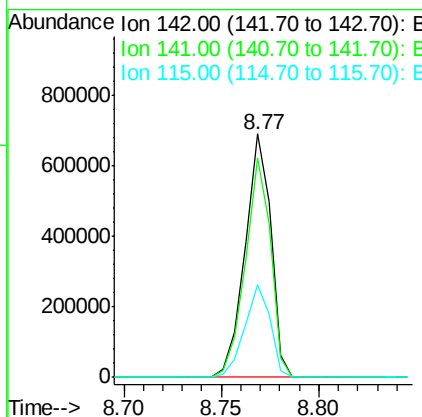
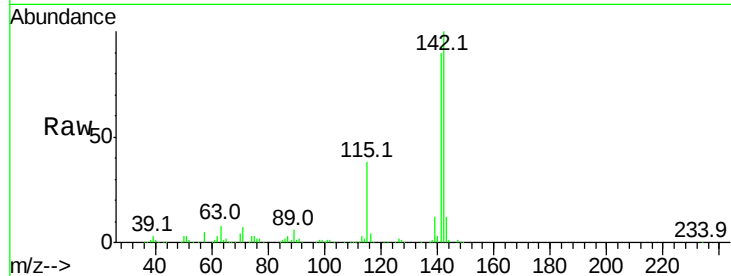
#37
2-Methylnaphthalene
Concen: 41.696 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampleId :
E4-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	632836		
141	90.0	71.3	106.9	
115	37.9	27.1	40.7	

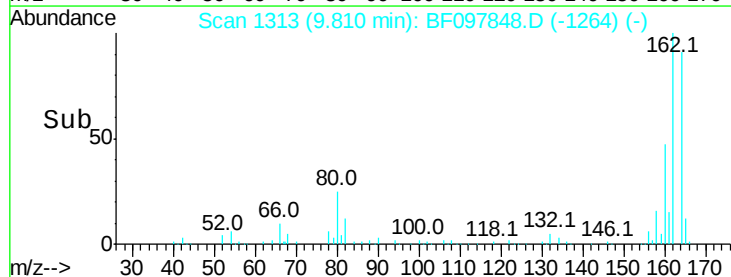
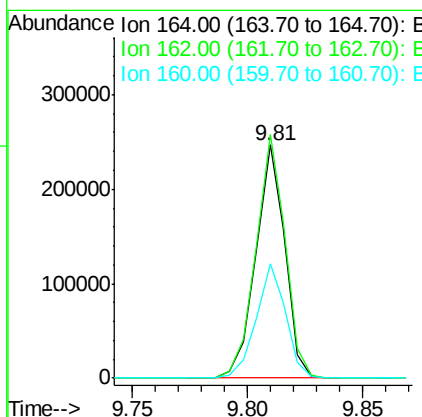
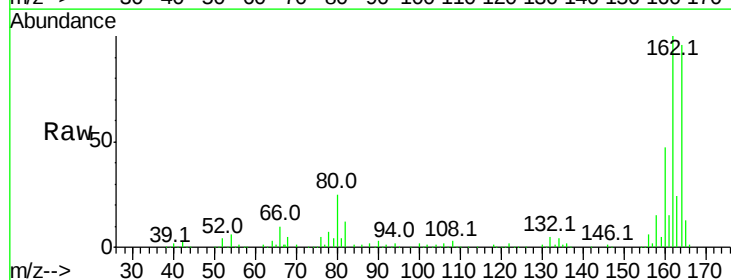
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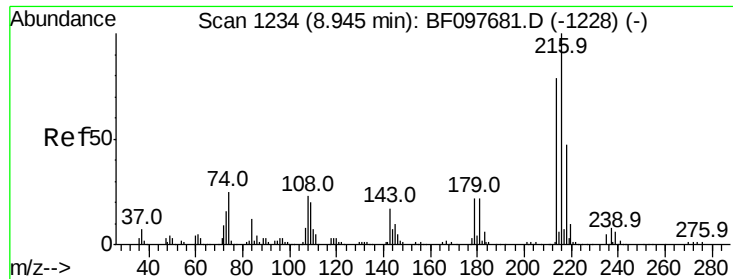
mohammad
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	215631		
162	104.5	82.6	123.8	
160	49.2	36.2	54.2	





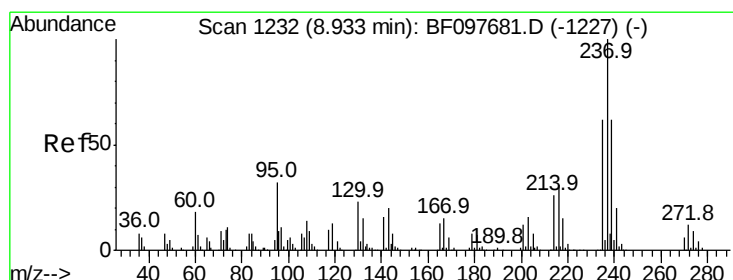
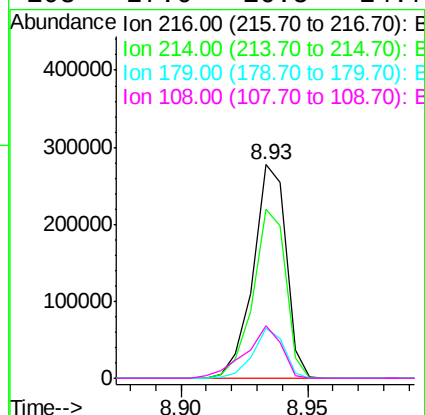
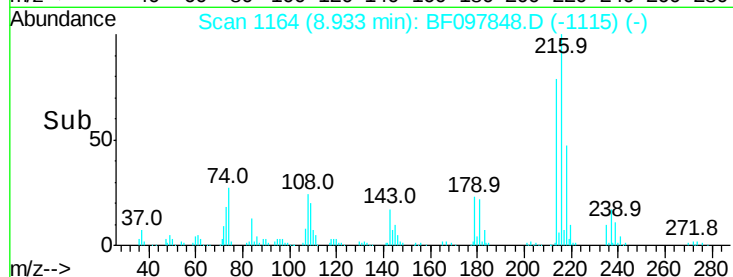
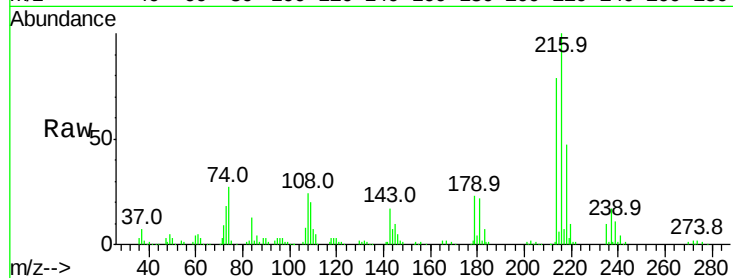
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.189 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	252723		
214	78.3	63.4	95.2	
179	22.0	17.9	26.9	
108	27.0	16.5	24.7	

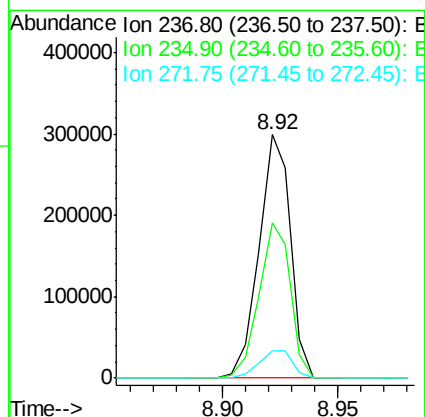
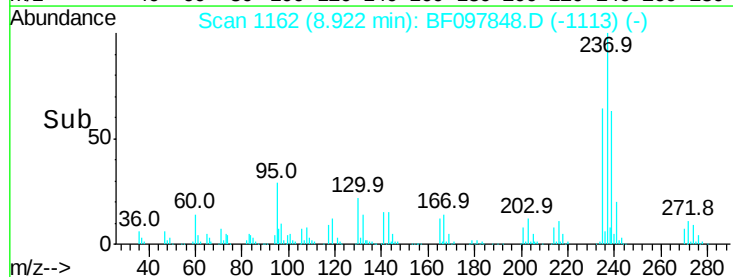
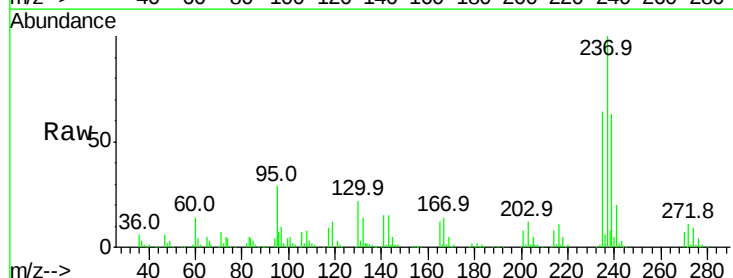
Manual Integrations
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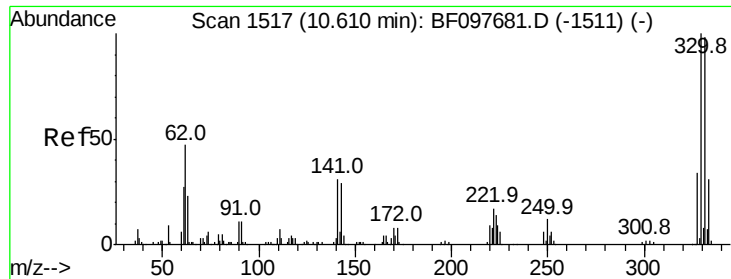
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#40
 Hexachlorocyclopentadiene
 Concen: 89.409 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	284248		
235	63.6	42.6	82.6	
272	11.3	0.0	31.9	





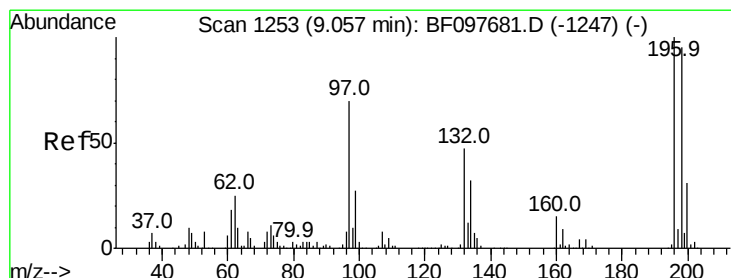
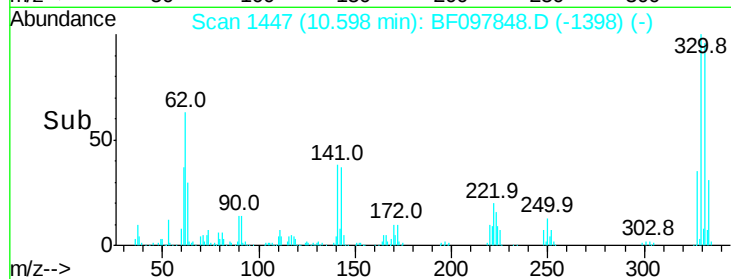
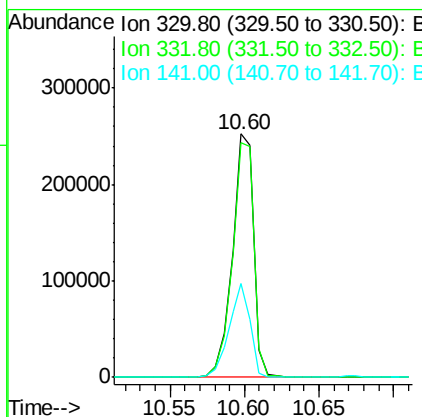
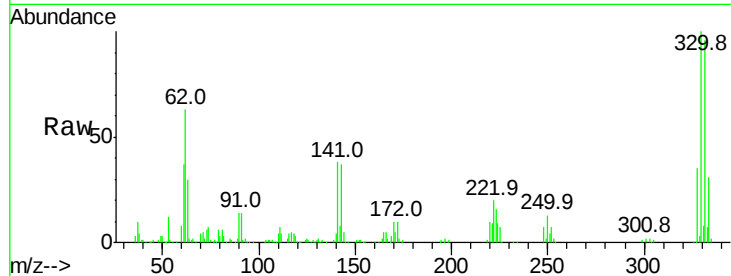
#41
 2,4,6-Tribromophenol
 Concen: 135.702 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	253892		
332	97.8	76.6	115.0	
141	38.1	31.4	47.2	

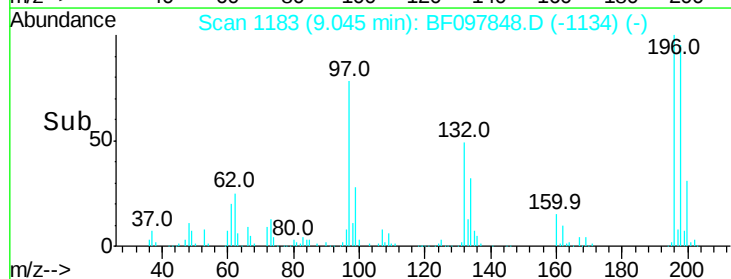
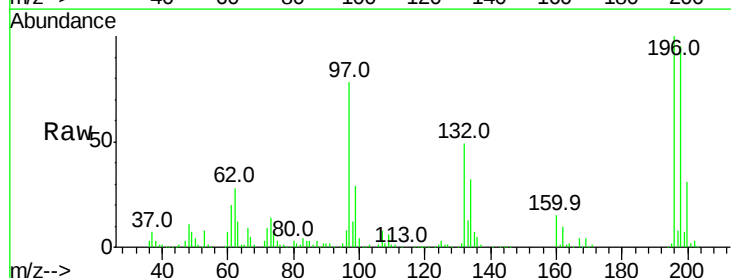
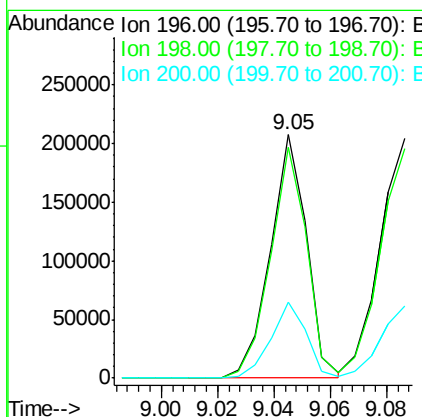
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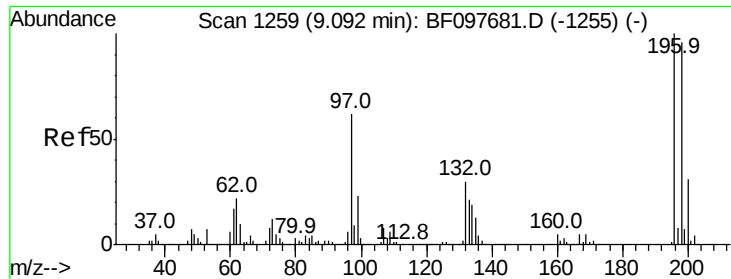
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 41.564 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	184665		
198	94.9	74.2	111.4	
200	31.0	24.0	36.0	





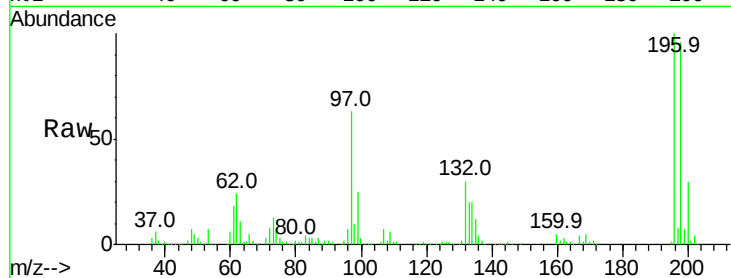
#43
 2,4,5-Trichlorophenol
 Concen: 44.455 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

Tot Ion	196	Resp	195944
Ion Ratio	Lower	Upper	
196	100		
198	95.9	75.7	113.5
97	62.6	47.7	71.5
132	30.0	28.0	42.0

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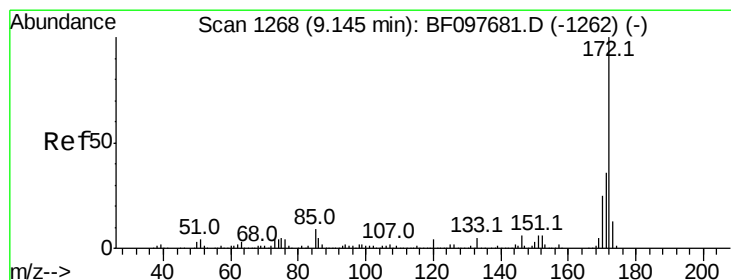
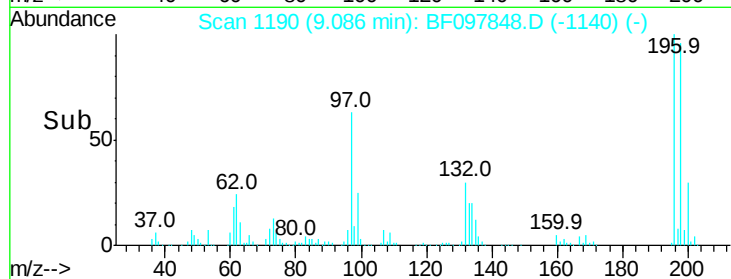
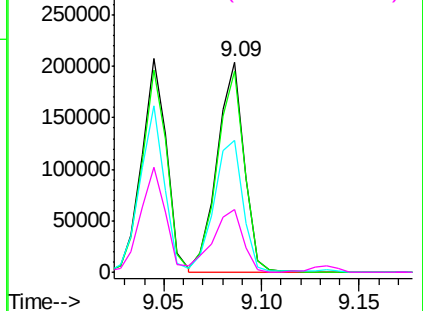
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.886 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

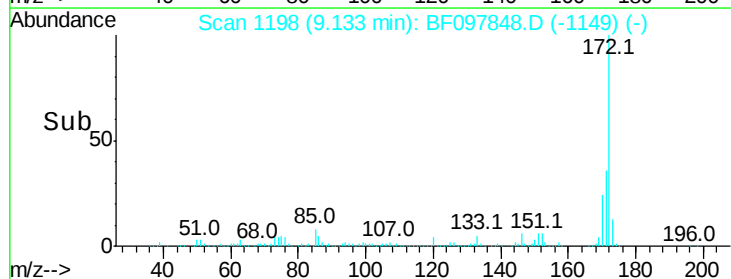
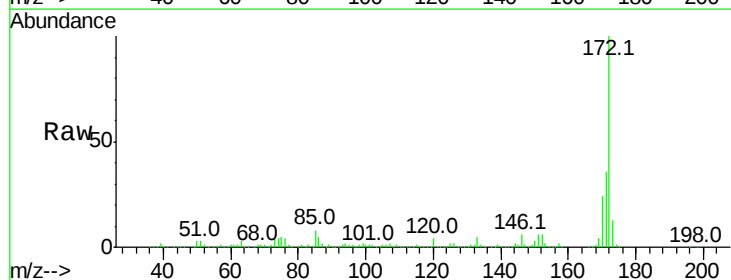
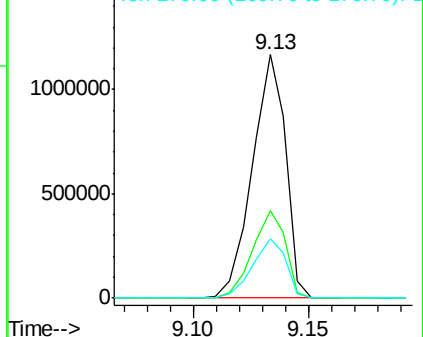
Tgt Ion	172	Resp	1172468
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.6	44.4
170	24.4	19.8	29.8

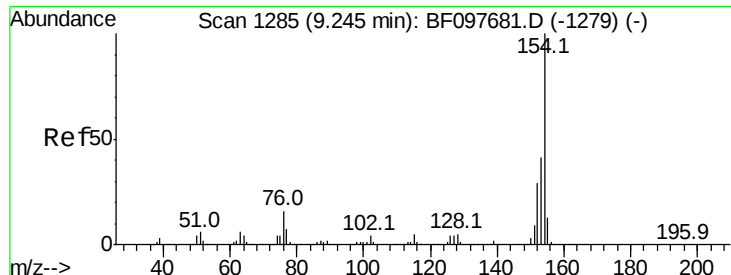
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





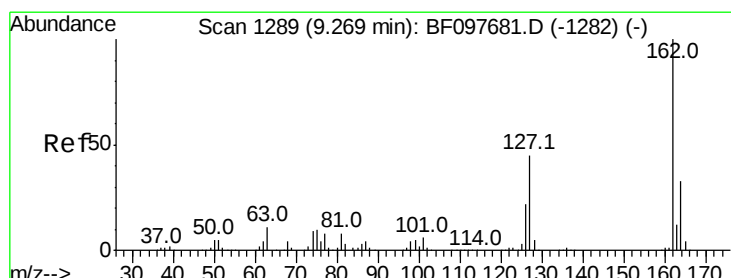
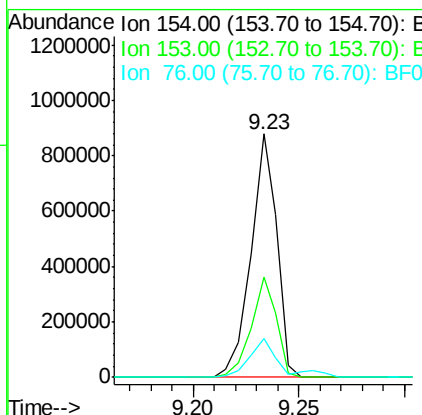
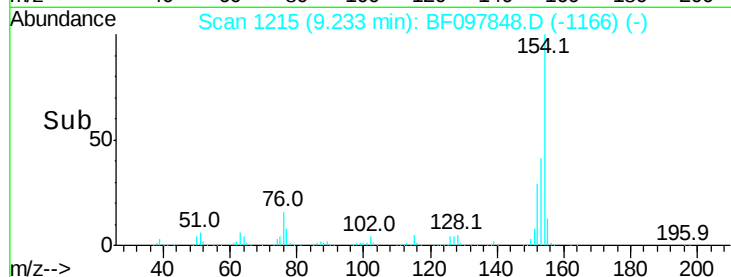
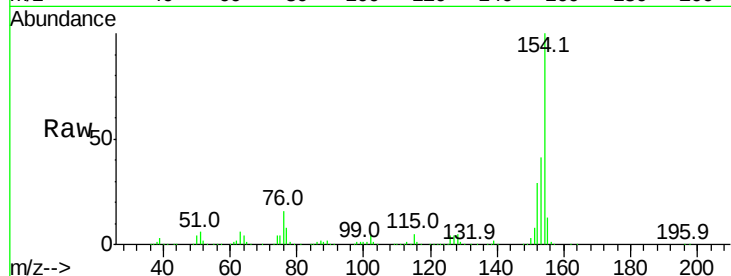
#45
1,1'-Biphenyl
Concen: 37.921 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampleId :
E4-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.1	21.2	61.2	
76	16.1	0.0	29.9	

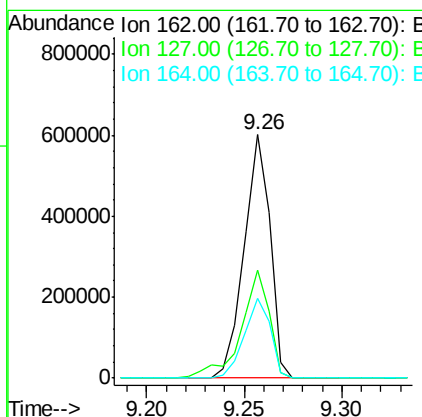
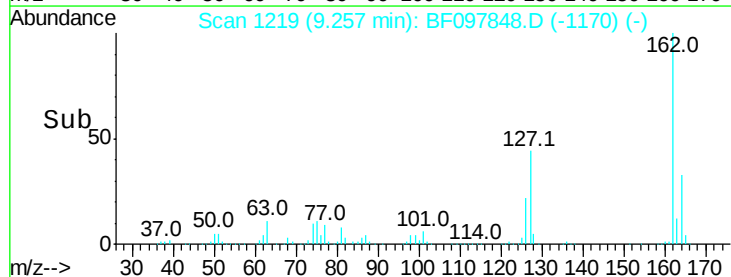
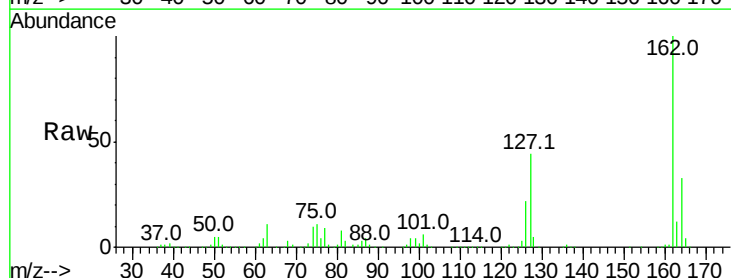
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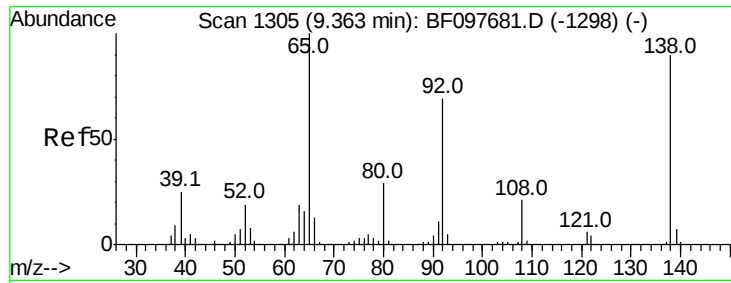
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#46
2-Chloronaphthalene
Concen: 38.166 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	44.3	28.3	42.5#	
164	33.0	27.0	40.4	





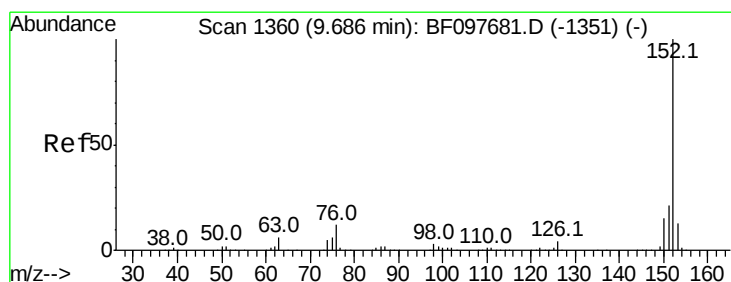
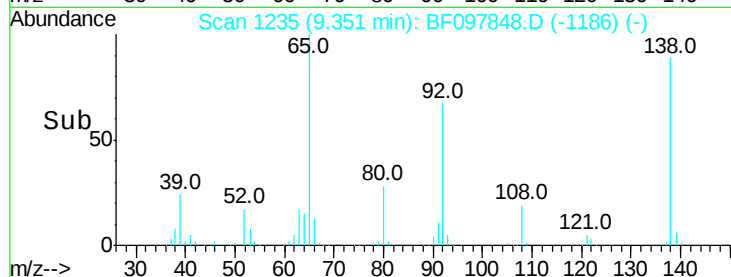
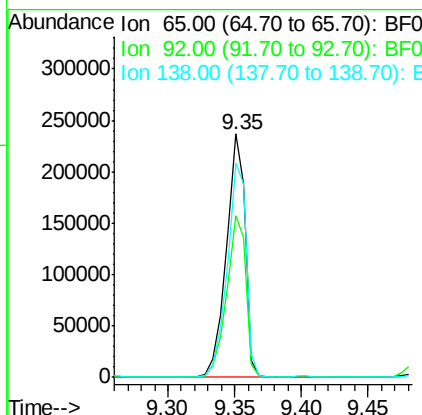
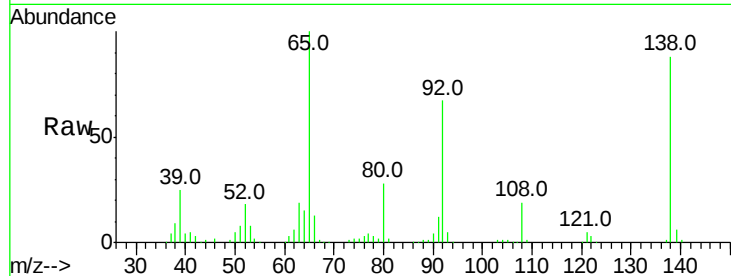
#47
2-Nitroaniline
Concen: 48.741 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampleId :
E4-24MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.6	53.9	80.9
138	88.1	78.8	118.2

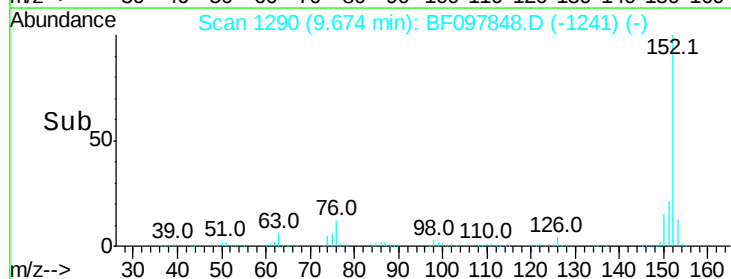
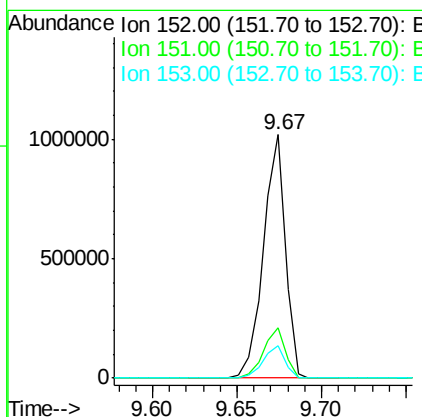
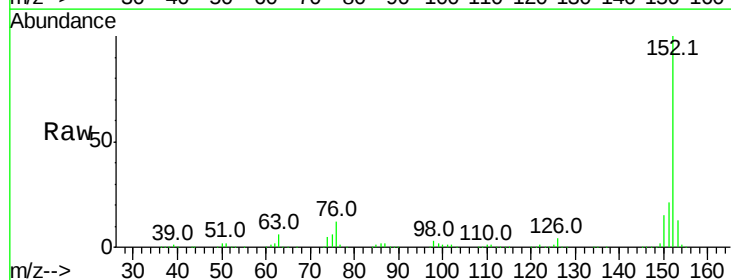
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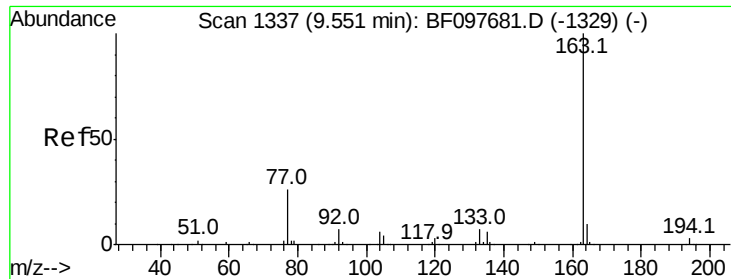
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#48
Acenaphthylene
Concen: 40.207 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.2	10.8	16.2





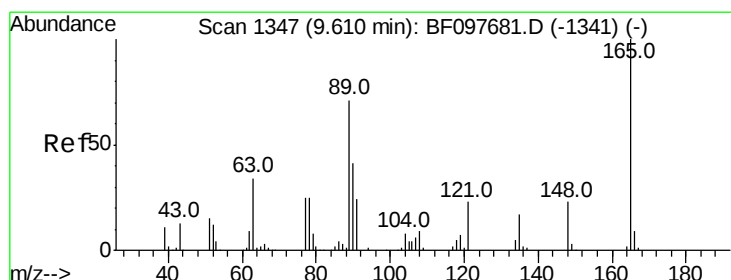
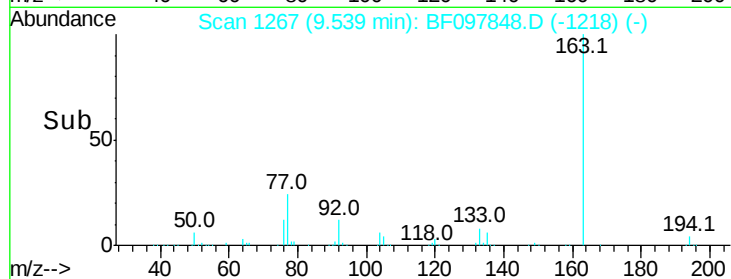
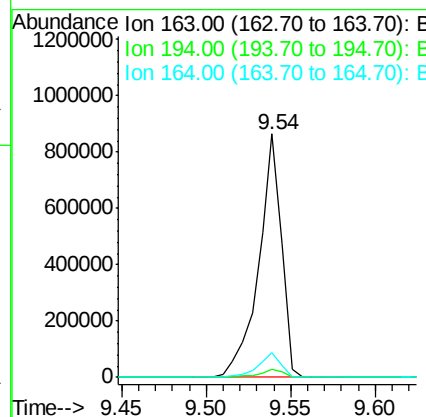
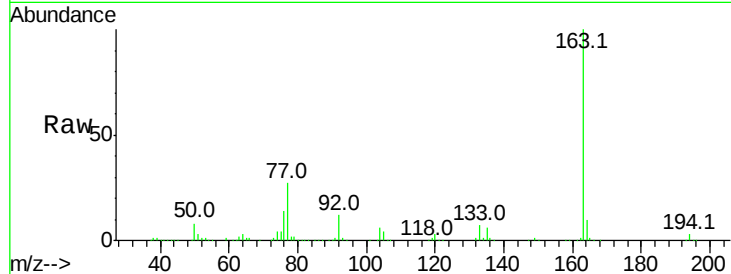
#49
Dimethylphthalate
Concen: 51.653 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampleId :
E4-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	10.1	8.4	12.6	

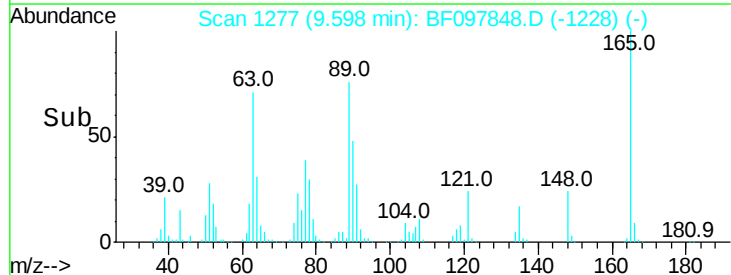
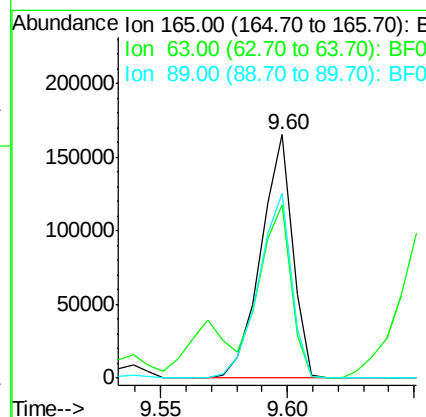
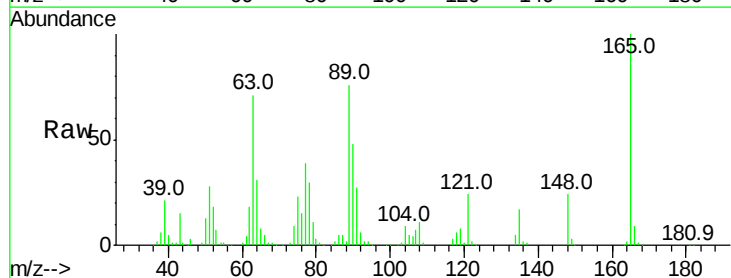
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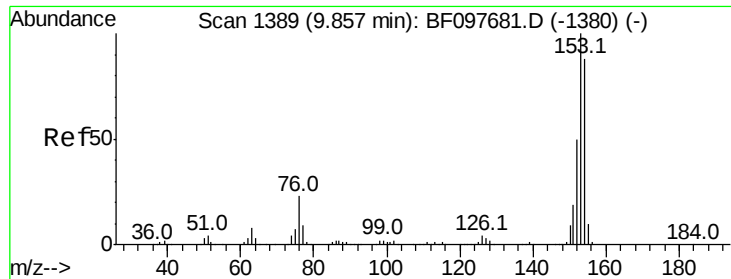
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#50
2,6-Dinitrotoluene
Concen: 46.108 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	71.1	34.3	51.5#	
89	76.1	37.1	55.7#	





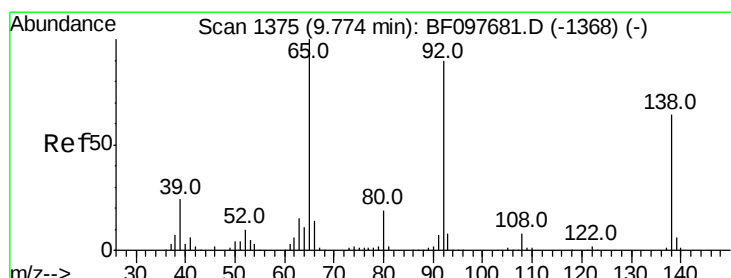
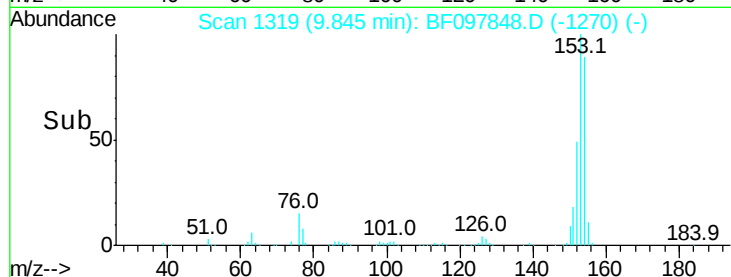
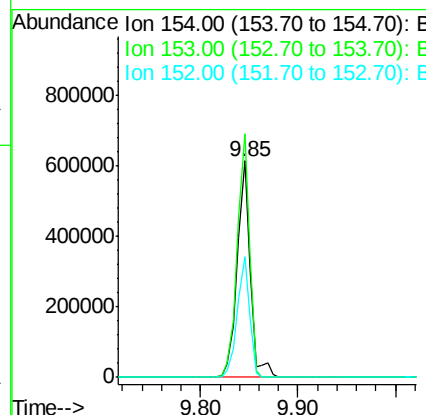
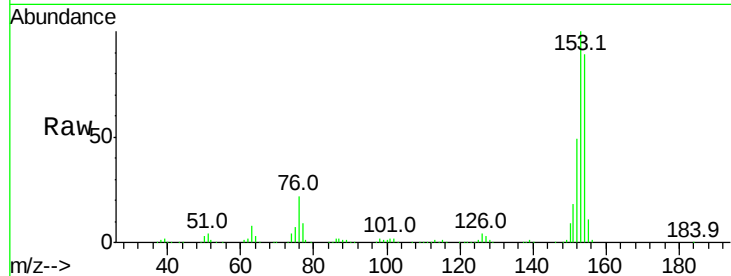
#51
Acenaphthene
Concen: 40.037 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampleId :
E4-24MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.5	135.7
152	55.6	43.6	65.4

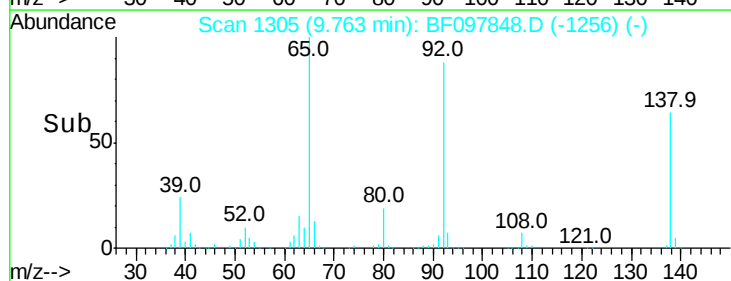
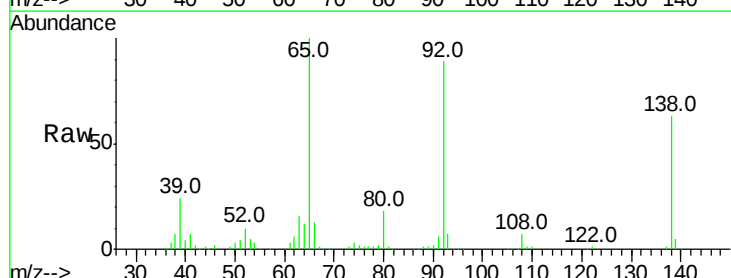
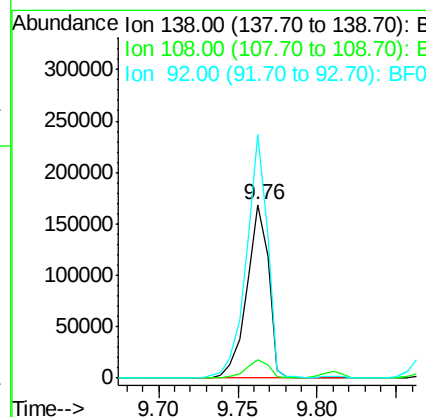
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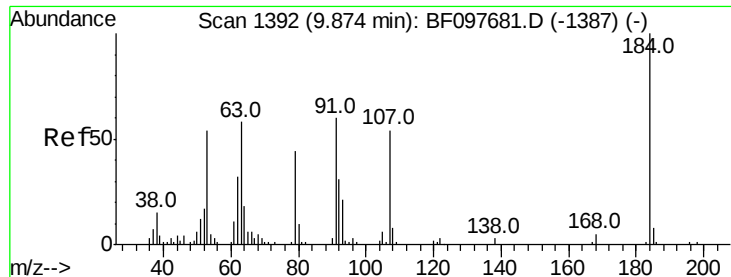
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#52
3-Nitroaniline
Concen: 39.290 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.1	13.7
92	140.6	93.8	140.6





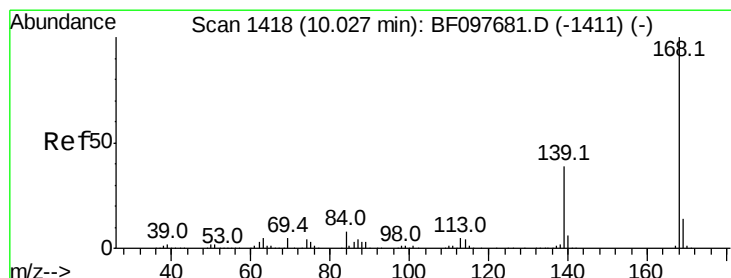
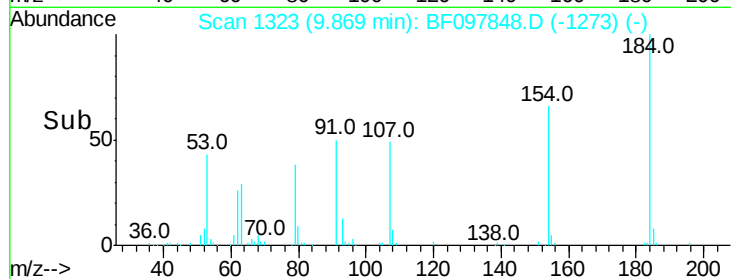
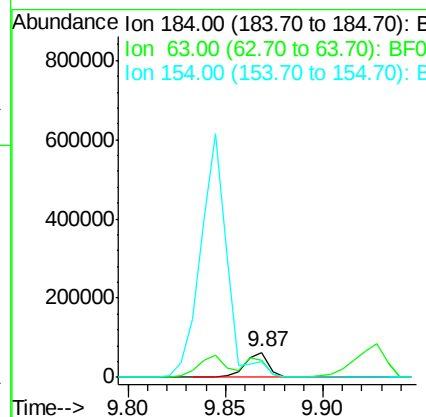
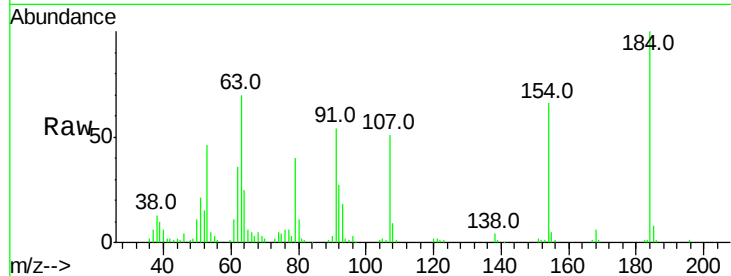
#53
 2,4-Dinitrophenol
 Concen: 41.239 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.7	62.7	94.1
154	65.6	81.1	121.7#

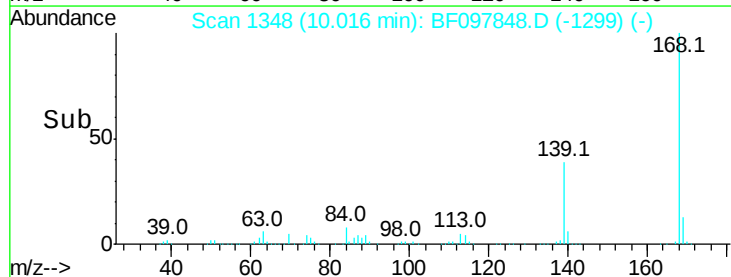
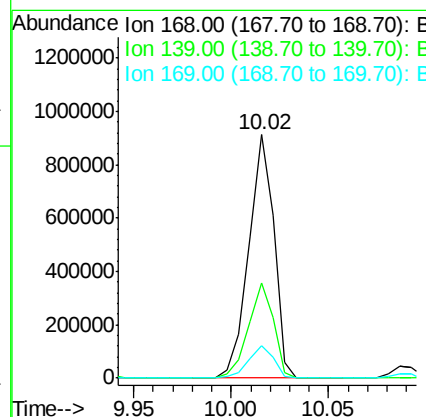
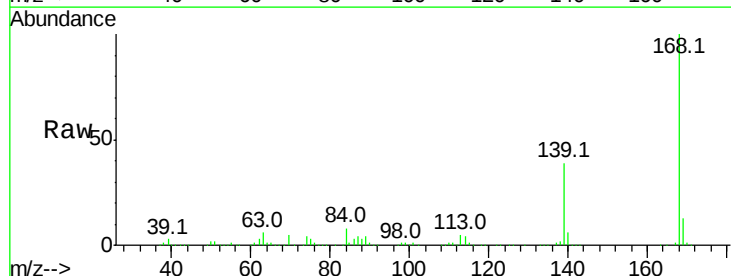
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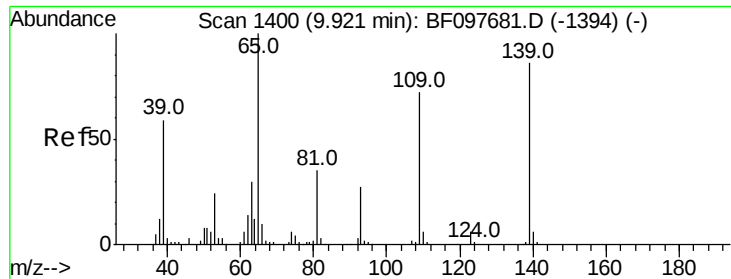
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#54
 Dibenzofuran
 Concen: 42.448 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.6	45.8
169	13.4	10.8	16.2





#55

4-Nitrophenol

Concen: 84.887 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

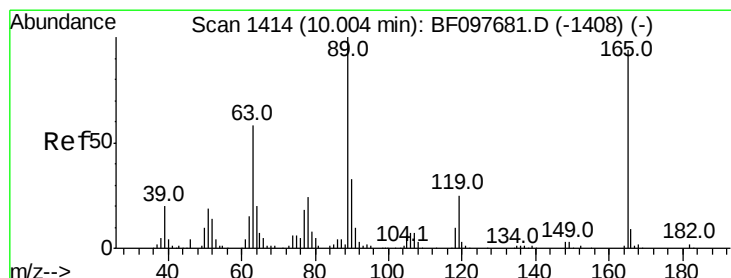
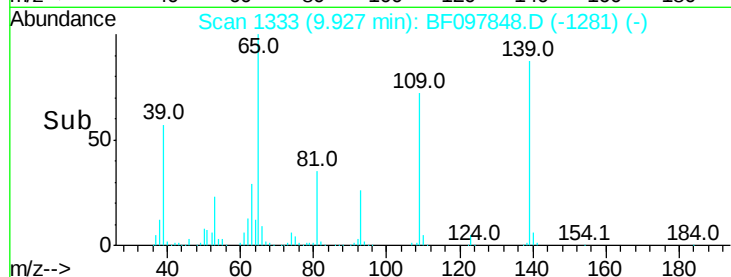
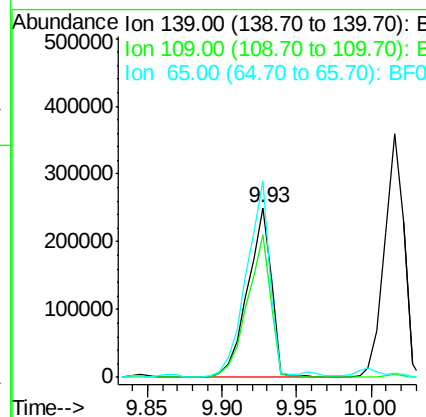
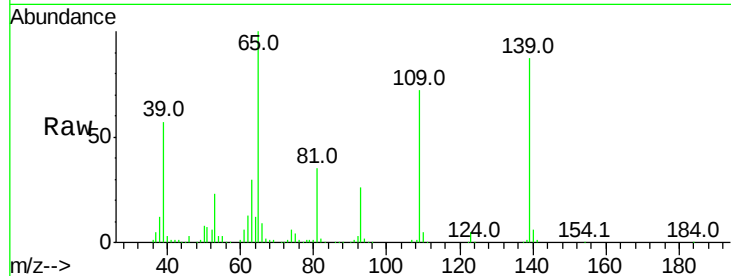
ClientSampleId :

E4-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	83.5	34.1	74.1#	
65	115.3	31.4	71.4#	

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#56

2,4-Dinitrotoluene

Concen: 50.159 ng

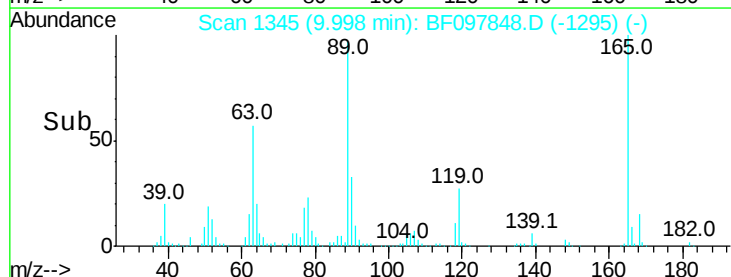
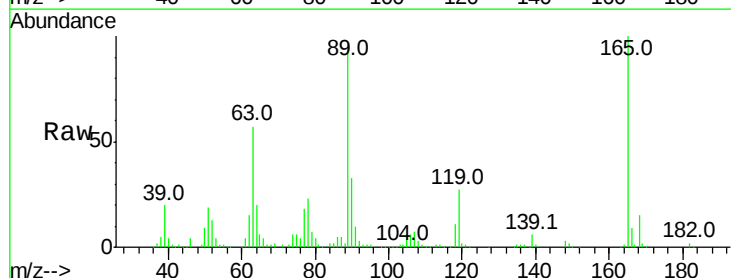
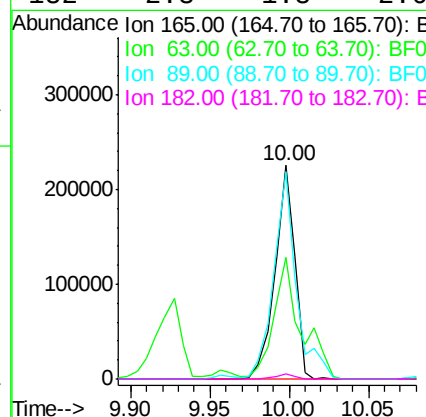
RT: 10.00 min Scan# 1345

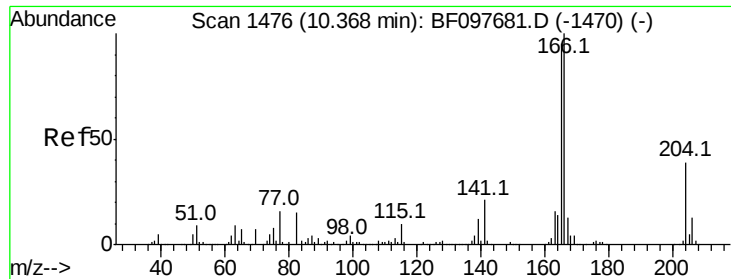
Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.1	25.4	38.0#	
89	97.0	46.4	69.6#	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 39.785 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

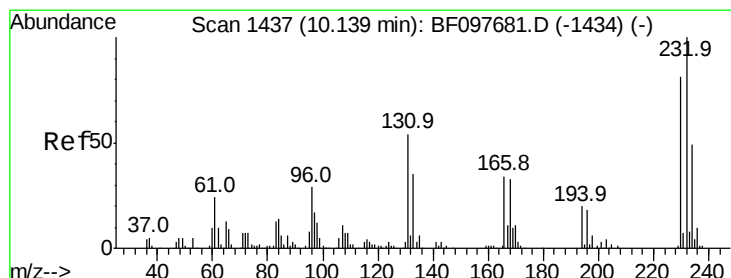
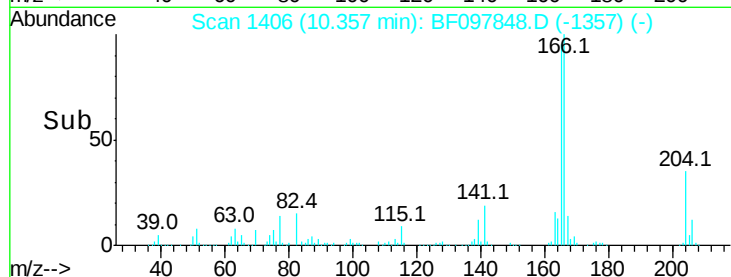
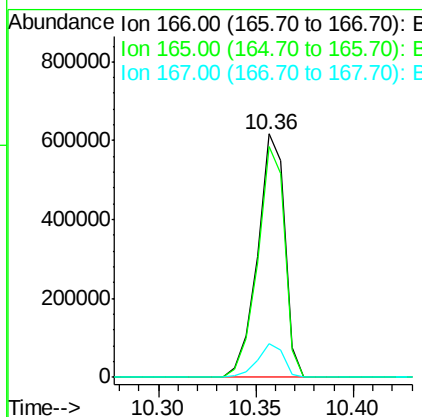
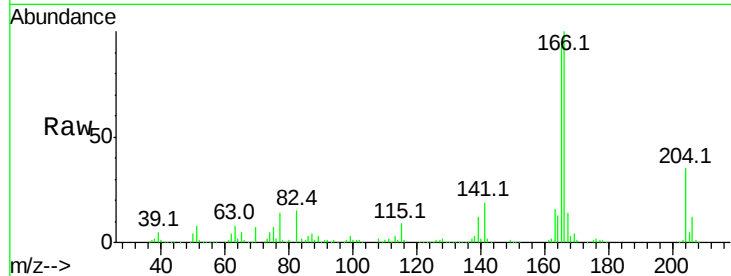
ClientSampleId :

E4-24MSD

Tot Ion:	166	Resp:	593210
Ion Ratio	Lower	Upper	
166	100		
165	94.8	78.8	118.2
167	13.7	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.895 ng

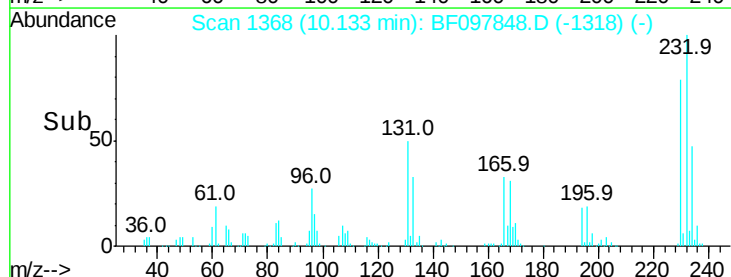
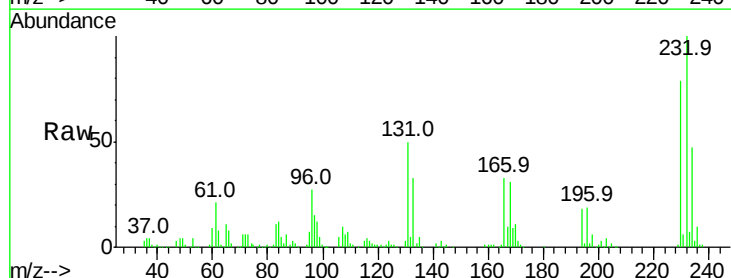
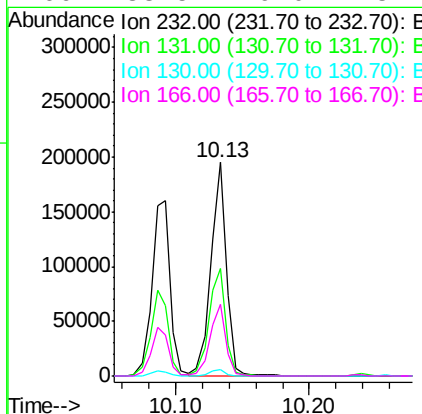
RT: 10.13 min Scan# 1368

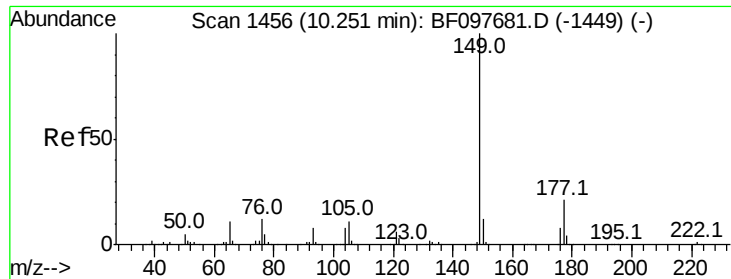
Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Tgt Ion:	232	Resp:	160033
Ion Ratio	Lower	Upper	
232	100		
131	53.4	44.8	67.2
130	3.0	2.3	3.5
166	33.5	29.0	43.4





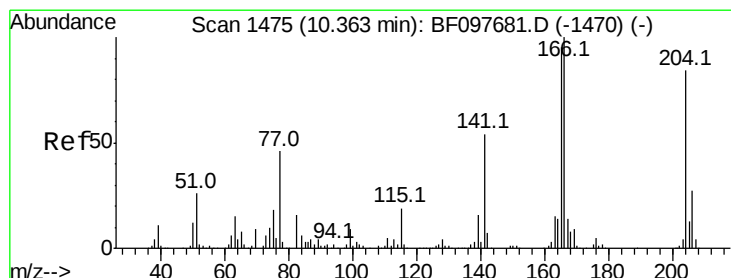
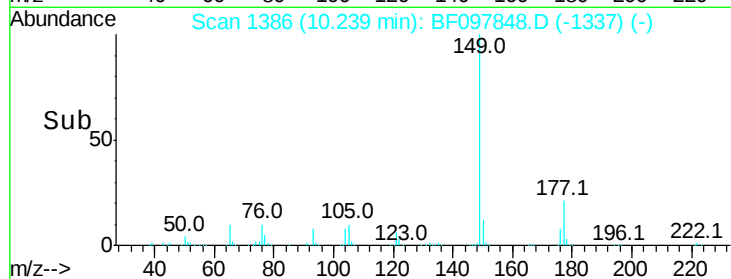
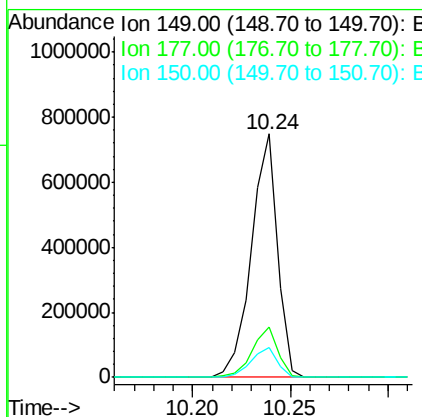
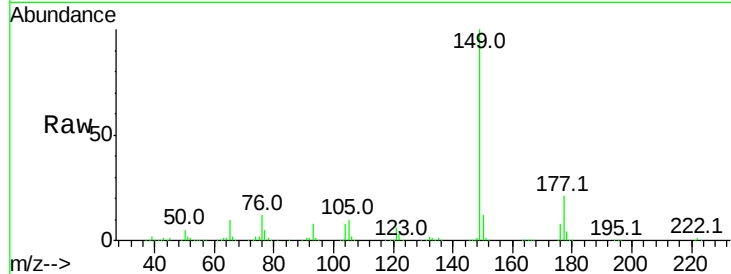
#59
Diethylphthalate
Concen: 41.935 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampled :
E4-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	691217		
177	20.7	16.7	25.1	
150	12.5	10.2	15.2	

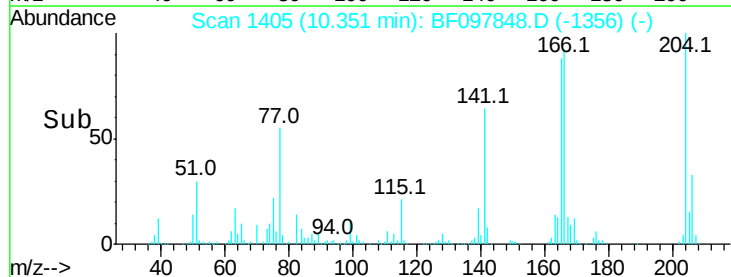
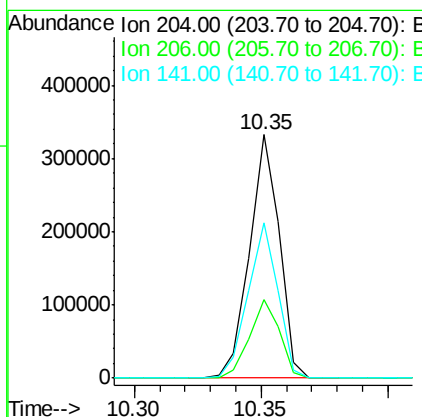
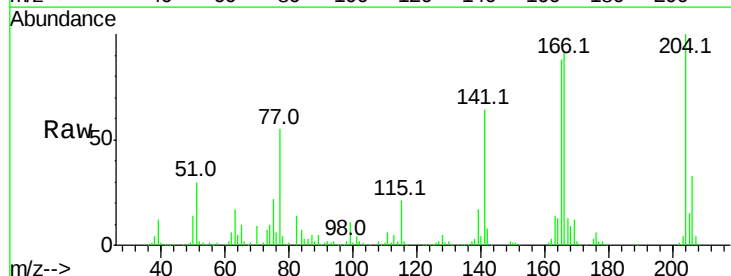
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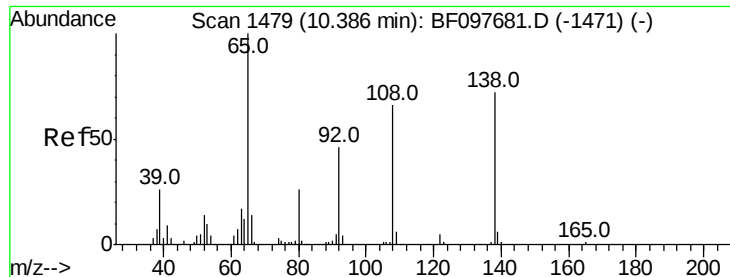
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 39.111 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	270918		
206	32.5	26.2	39.2	
141	64.0	60.8	91.2	





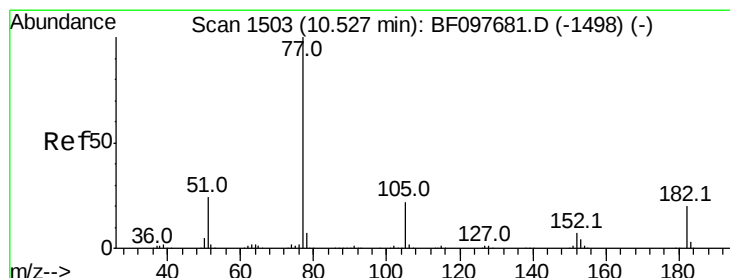
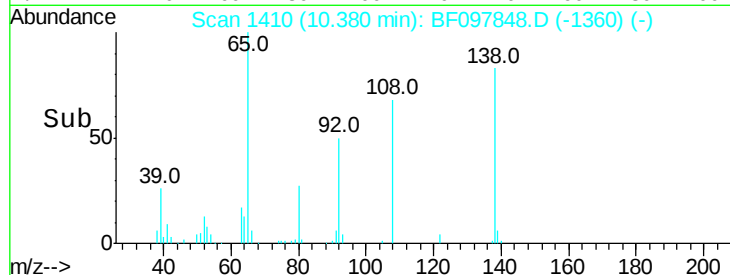
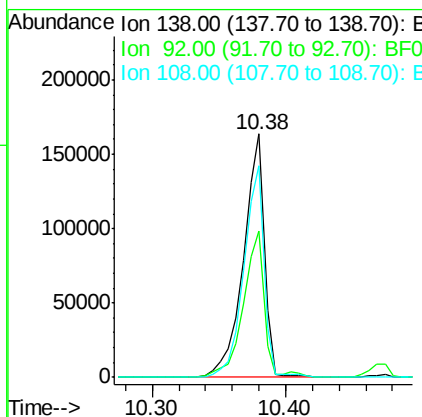
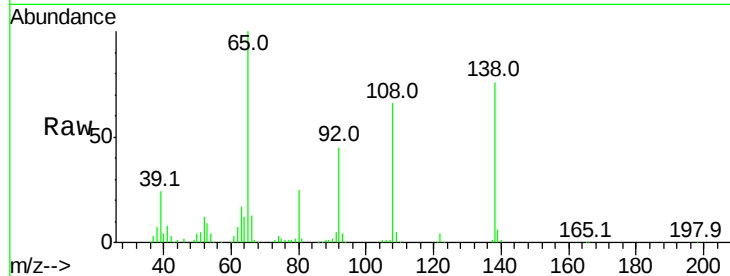
#61
4-Nitroaniline
Concen: 46.024 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampleId :
E4-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	177561		
92	60.0	21.8	61.8	
108	87.0	42.3	82.3	

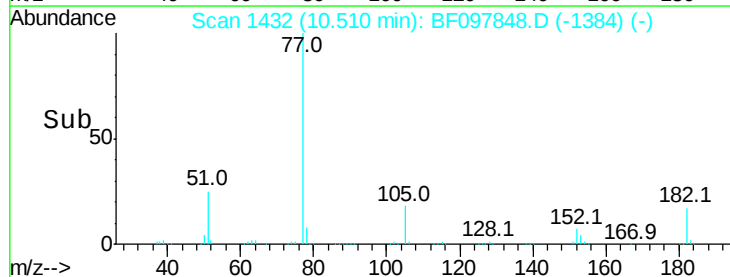
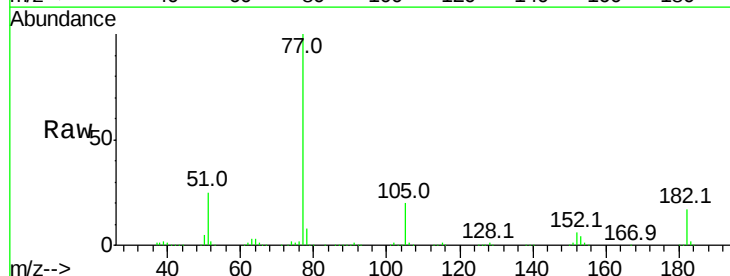
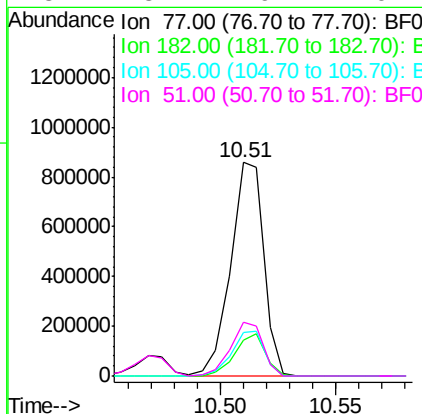
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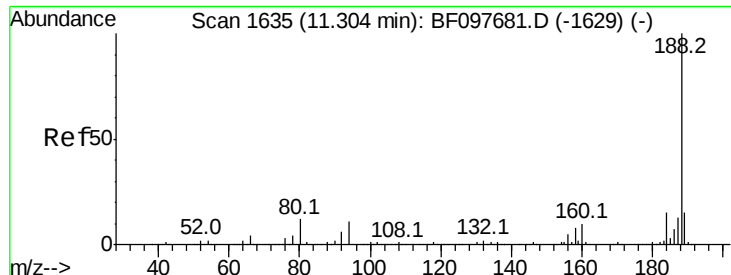
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#62
Azobenzene
Concen: 43.748 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	856550		
182	16.5	0.1	40.1	
105	20.4	3.6	43.6	
51	25.2	9.4	49.4	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

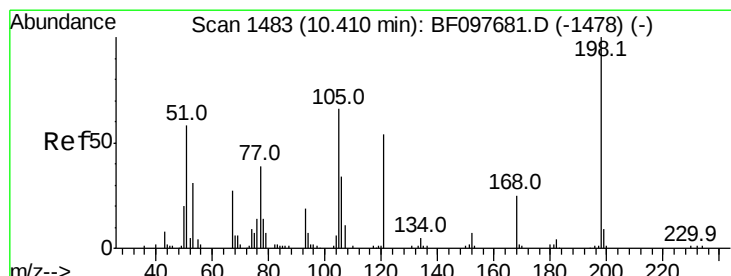
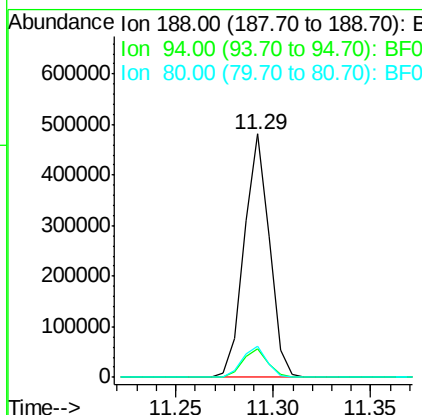
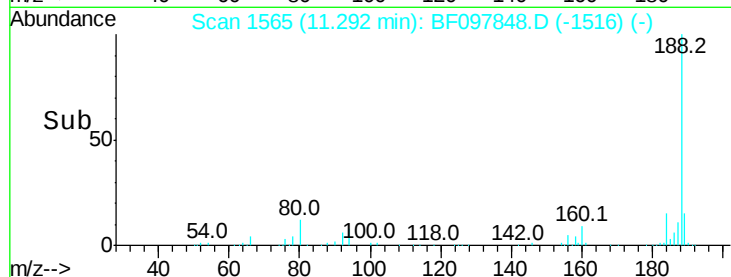
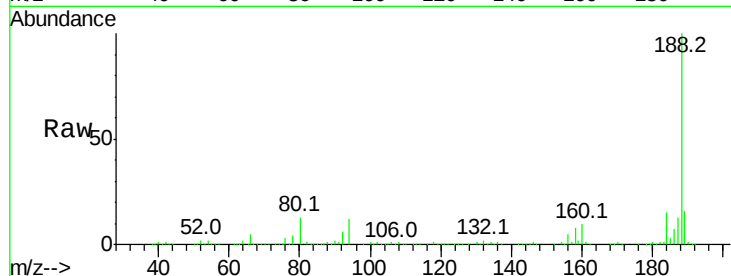
ClientSampleId :

E4-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	430226		
94	11.9		9.4	14.2
80	12.5		10.2	15.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 41.165 ng

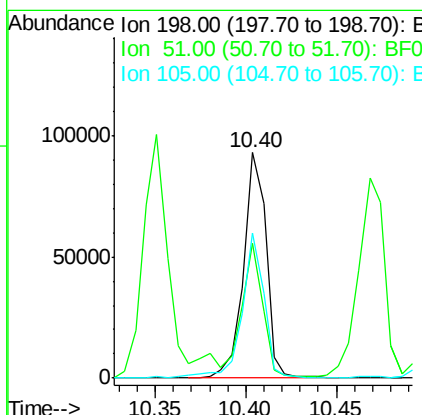
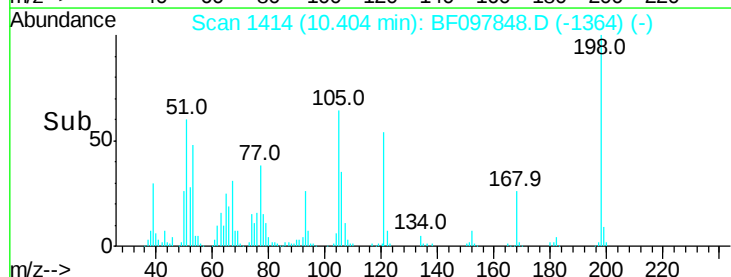
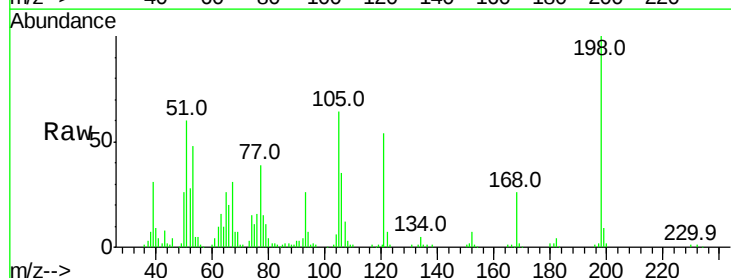
RT: 10.40 min Scan# 1414

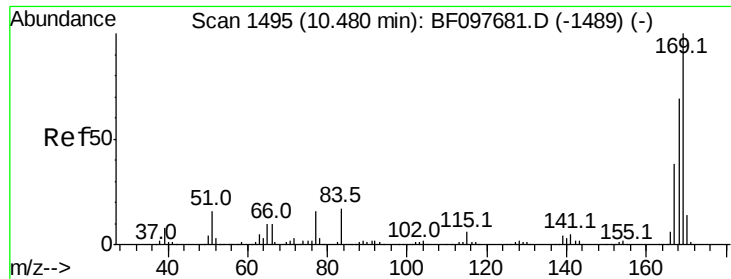
Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	80550		
51	59.8		53.2	93.2
105	64.5		45.8	85.8





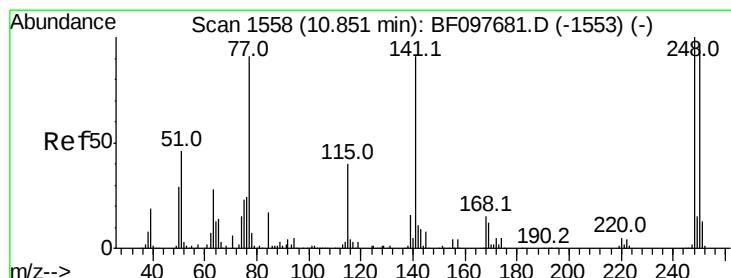
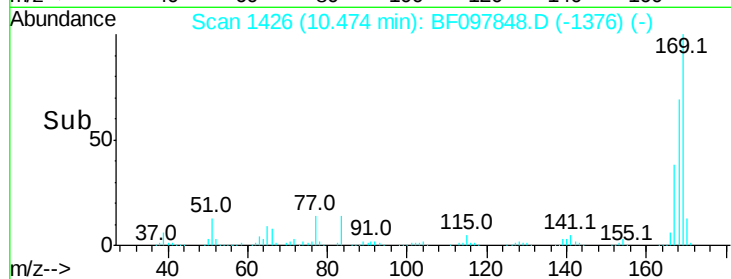
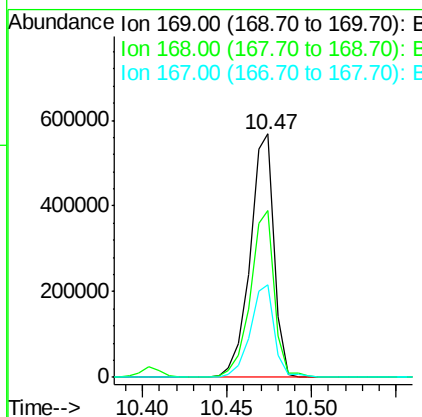
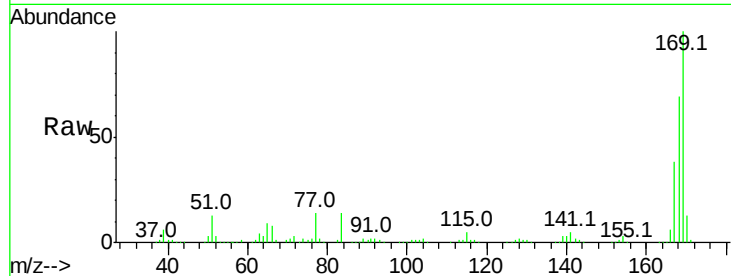
#65
n-Nitrosodiphenylamine
Concen: 38.443 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampleId :
E4-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	563205		
168	68.6		53.2	79.8
167	38.3		29.5	44.3

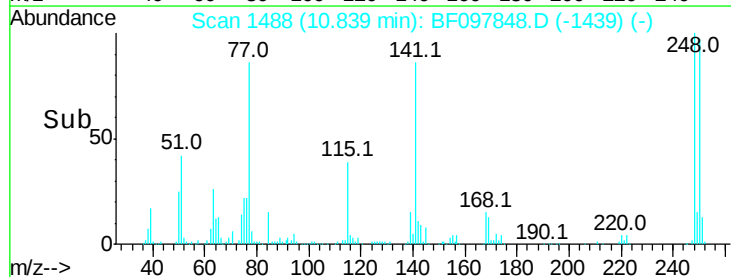
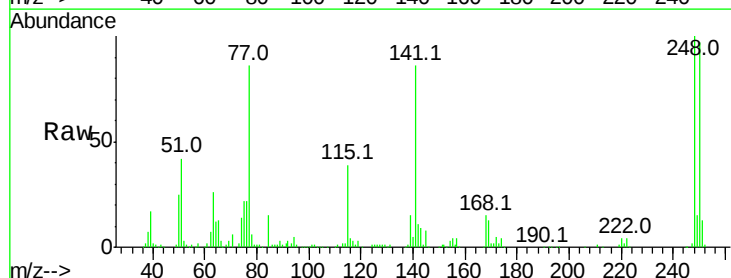
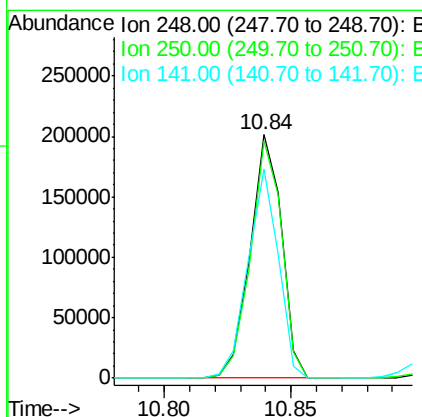
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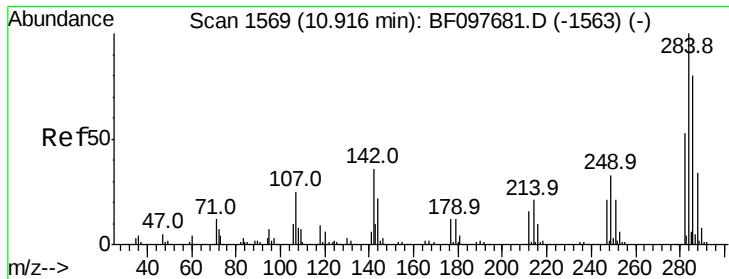
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#66
4-Bromophenyl-phenylether
Concen: 39.116 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	174757		
250	97.2		76.8	115.2
141	85.8		68.6	103.0





#67

Hexachlorobenzene

Concen: 37.126 ng

RT: 10.90 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

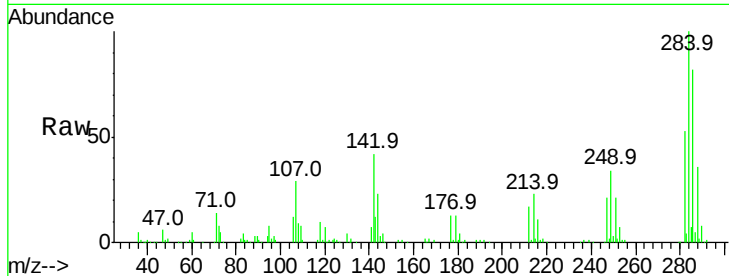
ClientSampled :

E4-24MSD

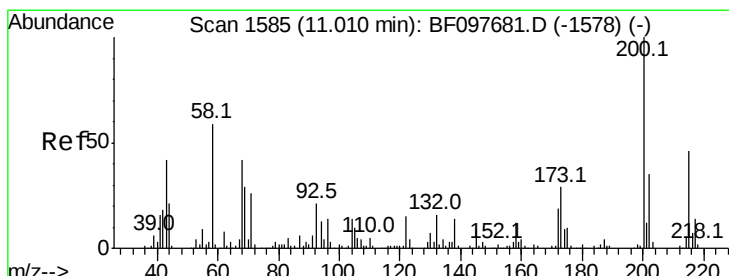
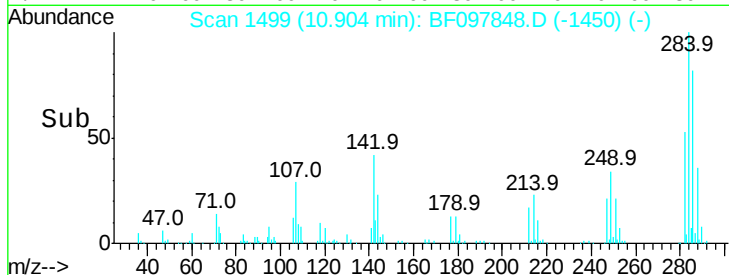
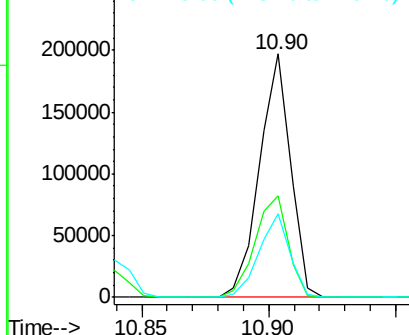
Tot Ion:	284	Resp:	169060
Ion Ratio	Lower	Upper	
284	100		
142	41.6	22.8	34.2#
249	34.5	24.0	36.0

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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



#68

Atrazine

Concen: 44.806 ng

RT: 11.00 min Scan# 1516

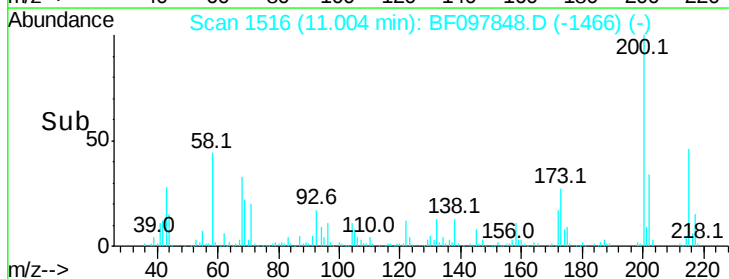
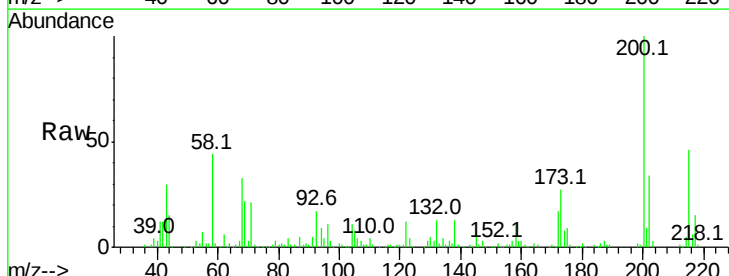
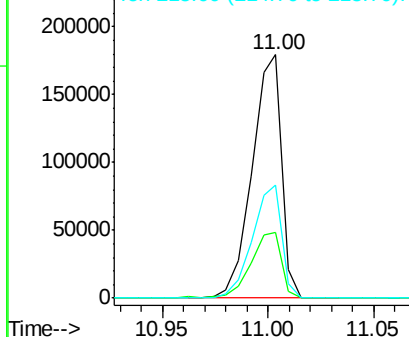
Delta R.T. -0.01 min

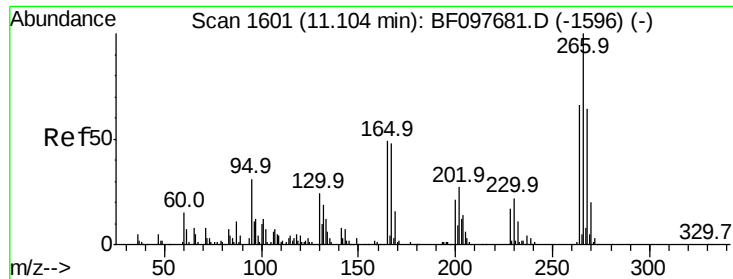
Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Tgt Ion:	200	Resp:	174083
Ion Ratio	Lower	Upper	
200	100		
173	27.2	6.3	46.3
215	46.4	27.2	67.2

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





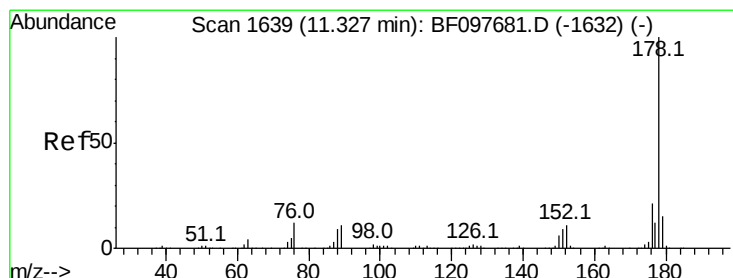
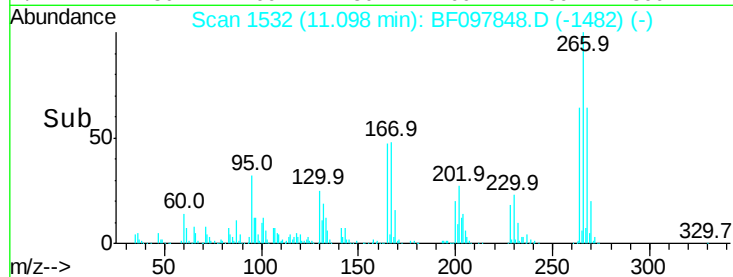
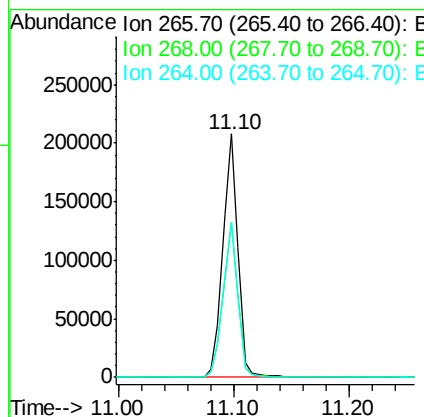
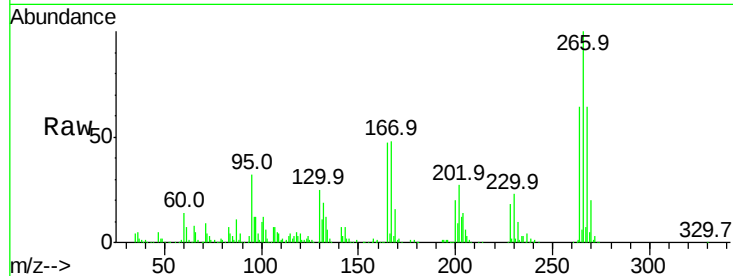
#69
 Pentachlorophenol
 Concen: 71.304 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Instrument :
 BNA_F
 ClientSampled :
 E4-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	189315		
268	63.8		51.1	76.7
264	63.5		51.7	77.5

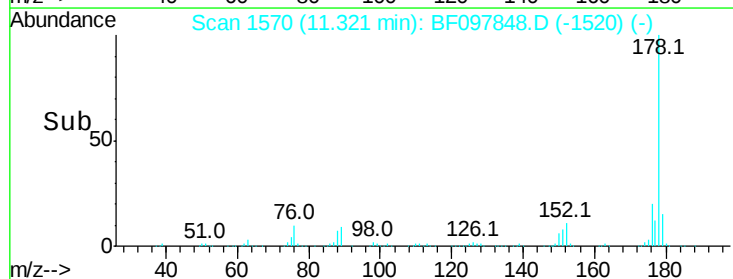
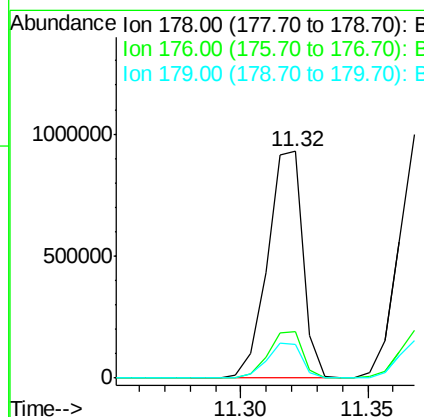
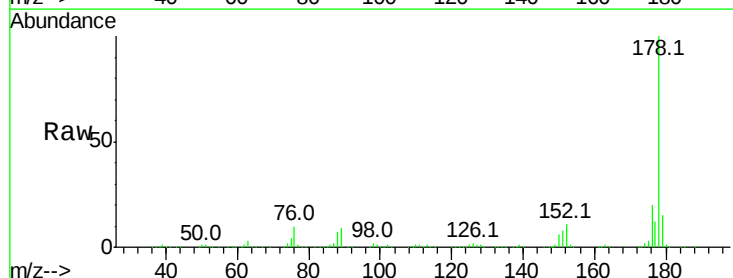
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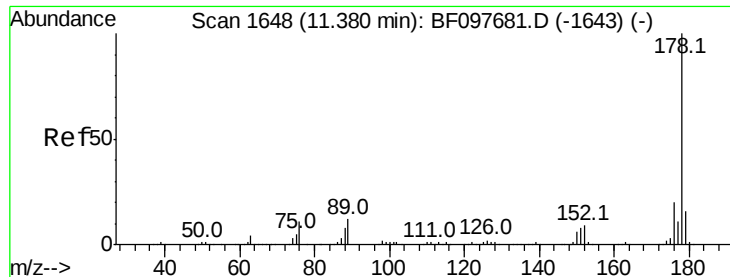
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#70
 Phenanthrene
 Concen: 39.569 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	907146		
176	20.5		16.2	24.4
179	15.0		12.6	19.0





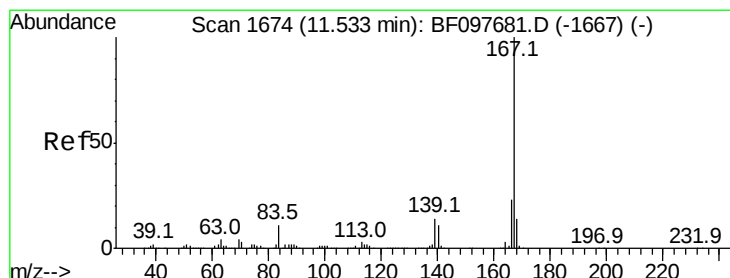
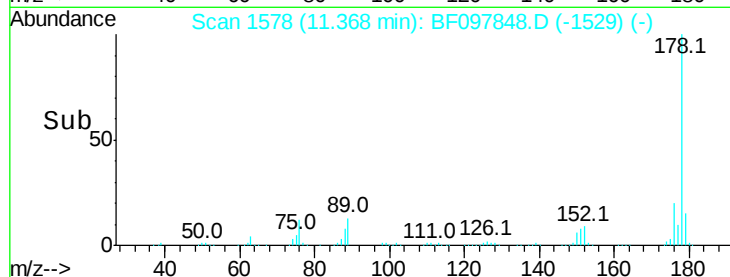
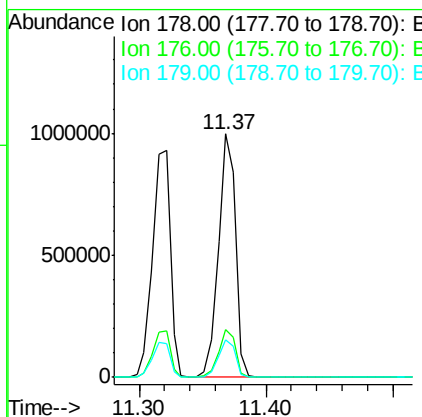
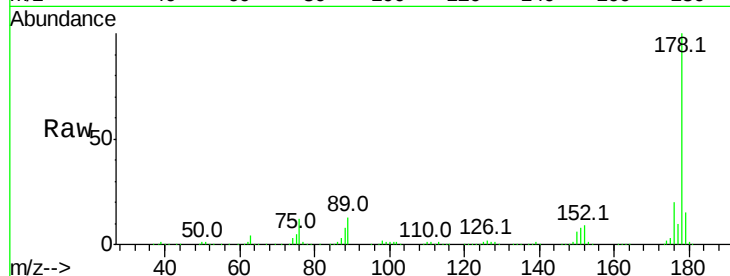
#71
 Anthracene
 Concen: 40.735 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Instrument :
 BNA_F
 ClientSampled :
 E4-24MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.5	12.7	19.1

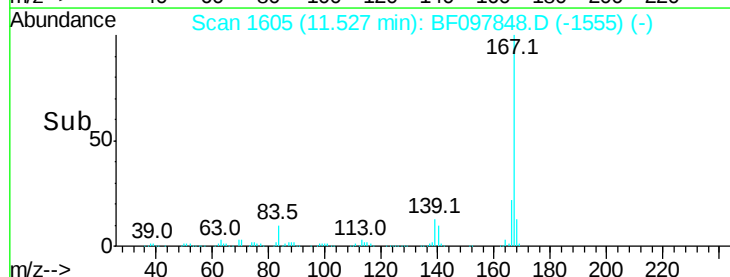
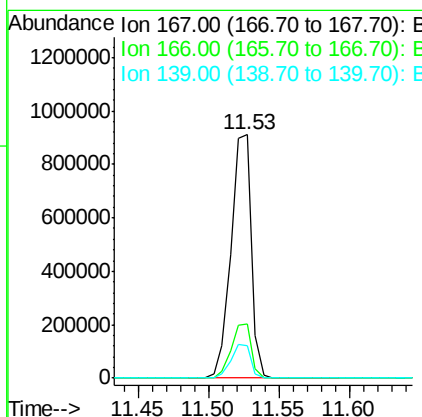
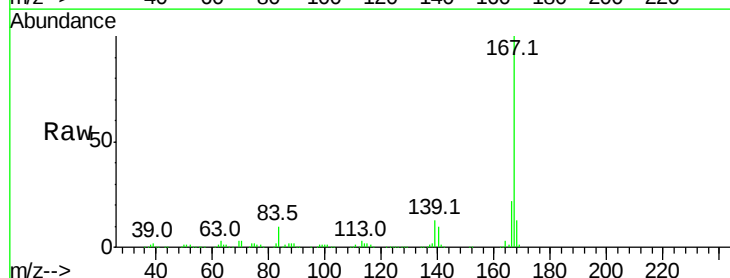
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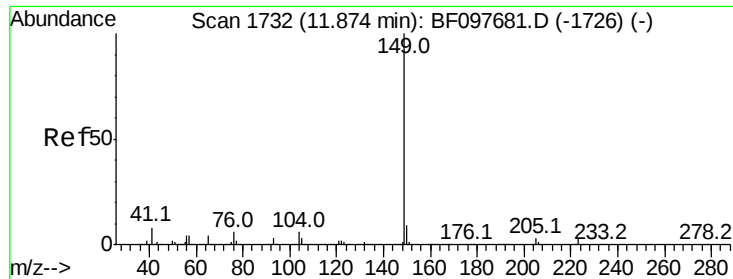
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#72
 Carbazole
 Concen: 41.432 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	13.2	11.7	17.5





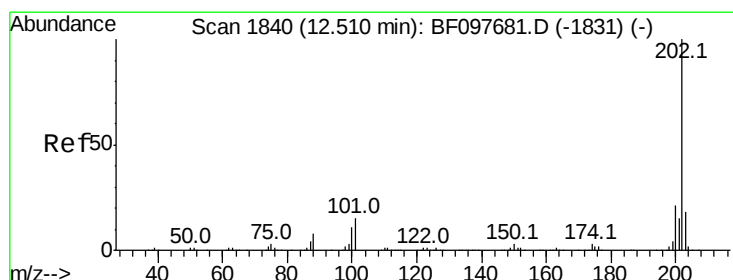
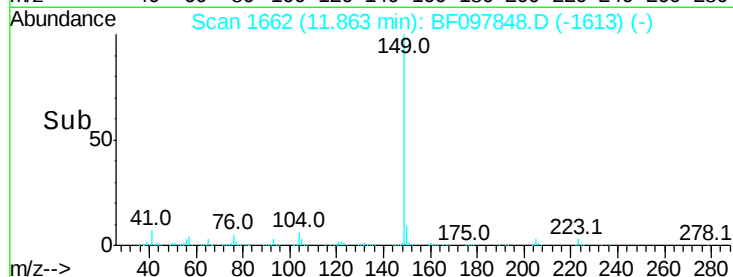
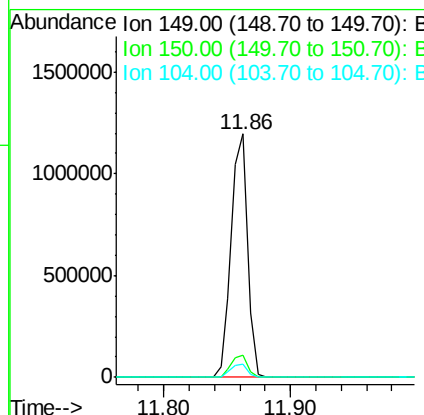
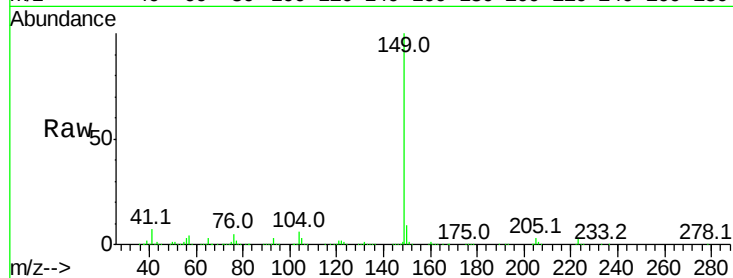
#73
Di-n-butylphthalate
Concen: 42.035 ng
RT: 11.86 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampleId :
E4-24MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.5	4.0	6.0

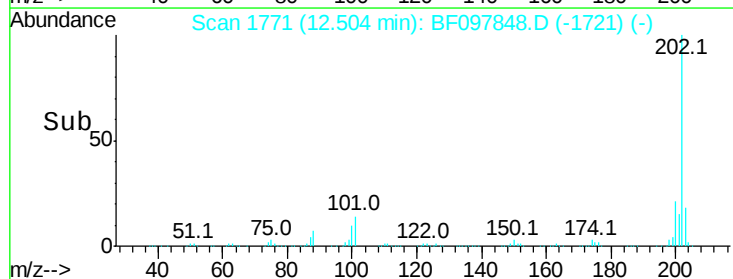
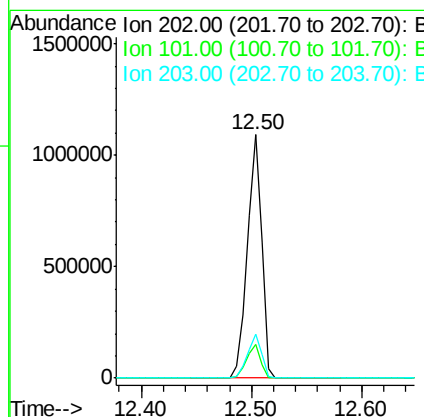
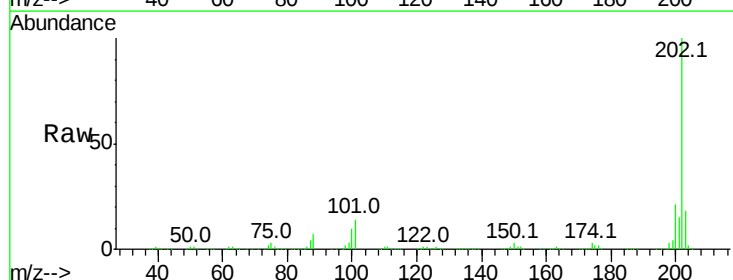
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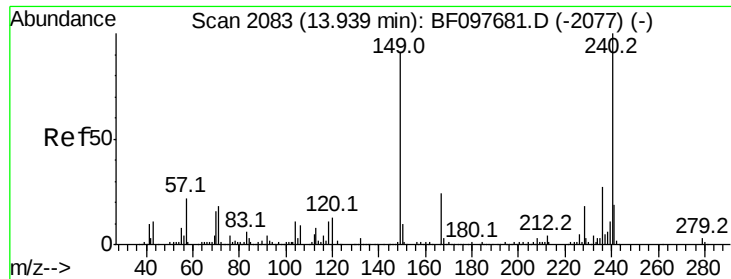
mohammad
8/21/2017 8:19:18 AM



#74
Fluoranthene
Concen: 41.778 ng
RT: 12.50 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.2
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

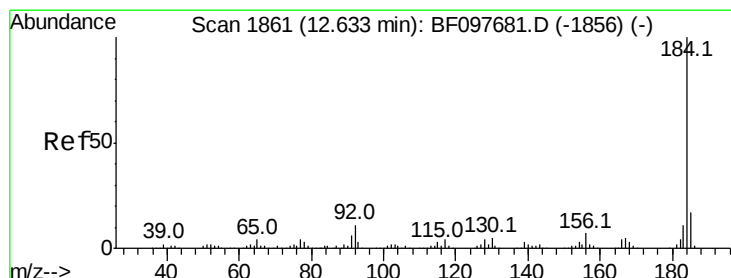
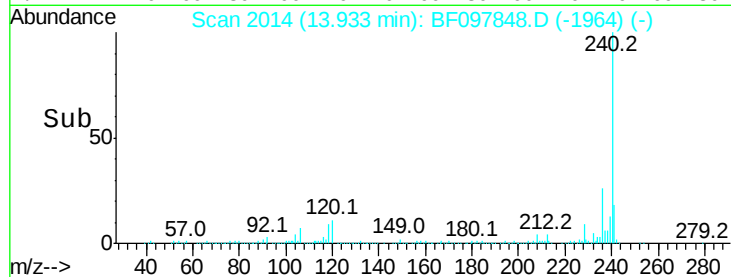
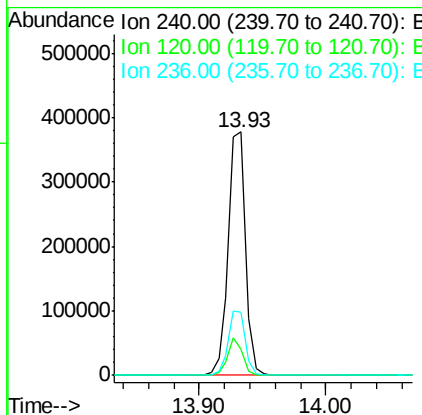
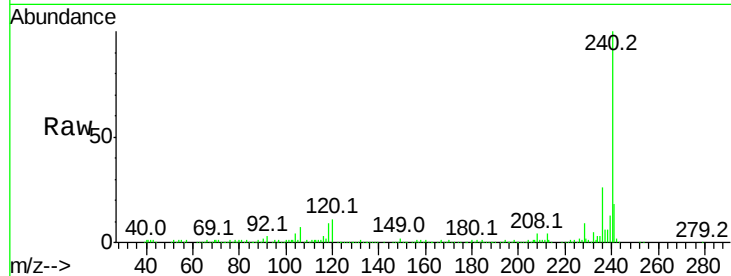
ClientSampleId :

E4-24MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	5.8	8.8#
236	26.0	20.5	30.7

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#76

Benzidine

Concen: 27.142 ng

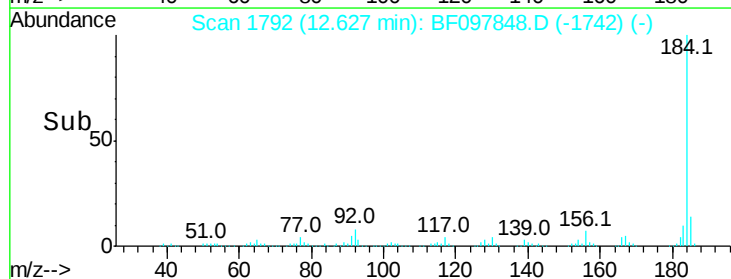
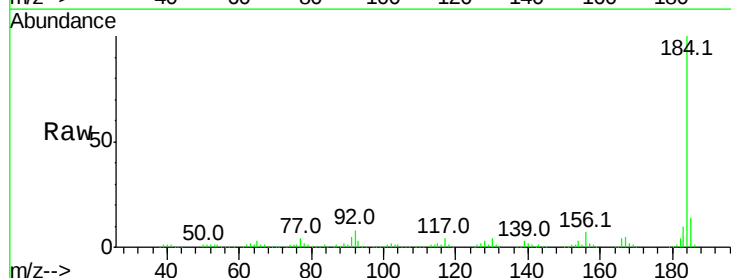
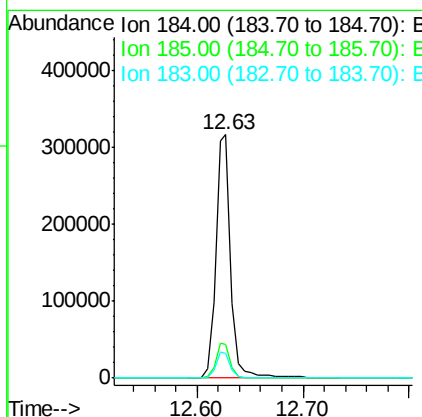
RT: 12.63 min Scan# 1792

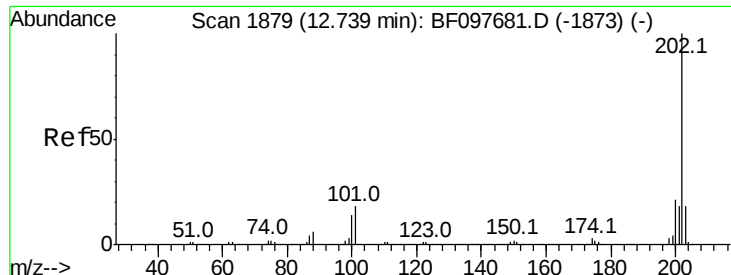
Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	15.5	23.3#
183	10.4	9.8	14.6





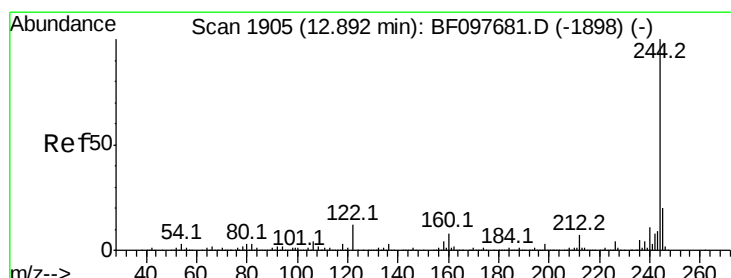
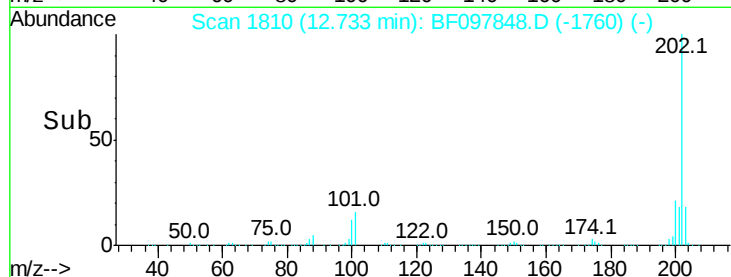
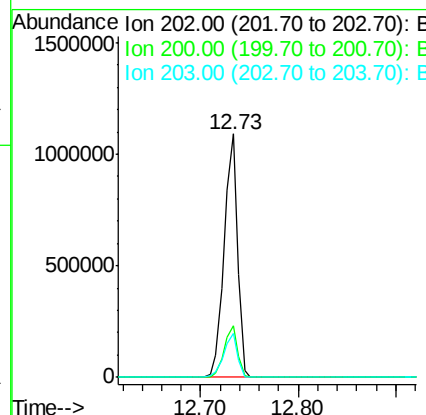
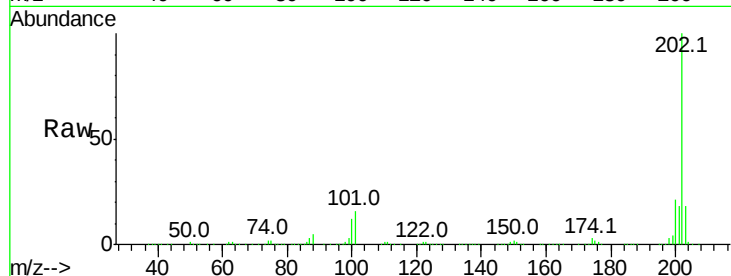
#77
Pvrene
Concen: 35.804 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampled :
E4-24MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.8	14.4	21.6

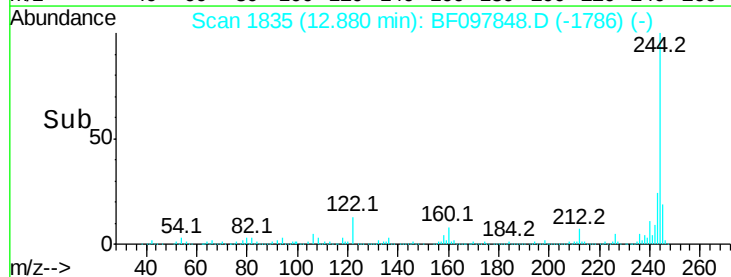
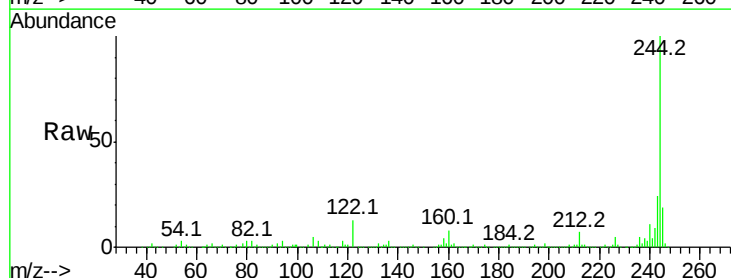
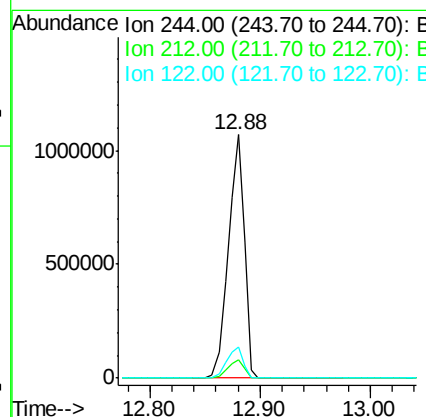
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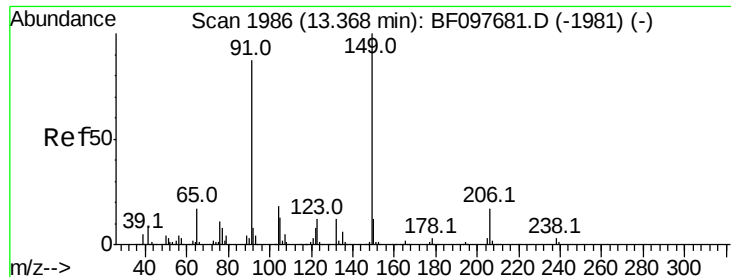
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#78
Terphenyl-d14
Concen: 63.582 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.9	10.3	15.5





#79

Butylbenzylphthalate

Concen: 42.671 ng

RT: 13.36 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

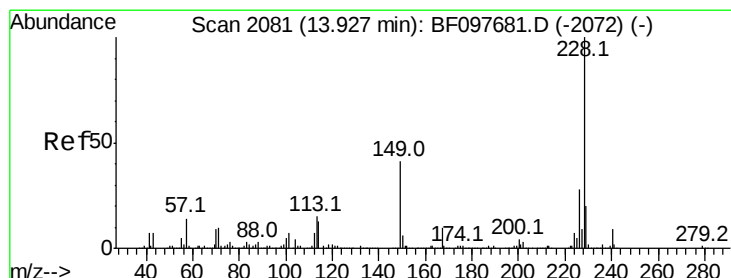
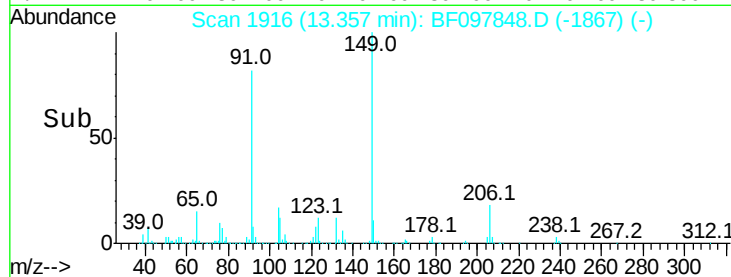
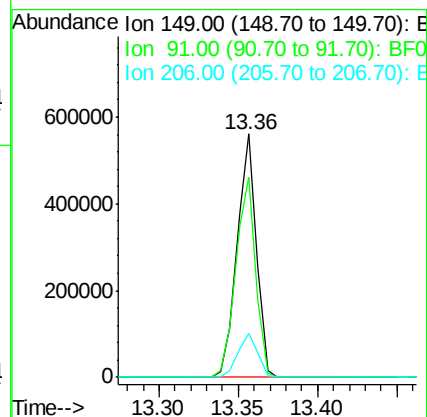
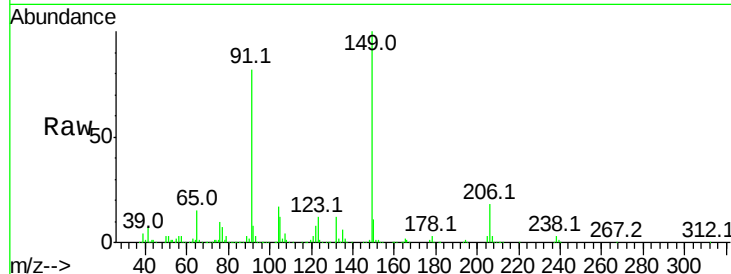
ClientSampleId :

E4-24MSD

Tot Ion:	149	Resp:	475029
Ion Ratio	Lower	Upper	
149	100		
91	82.2	45.0	67.4#
206	18.3	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 37.807 ng

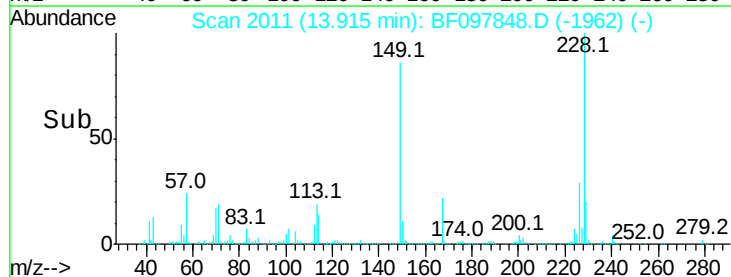
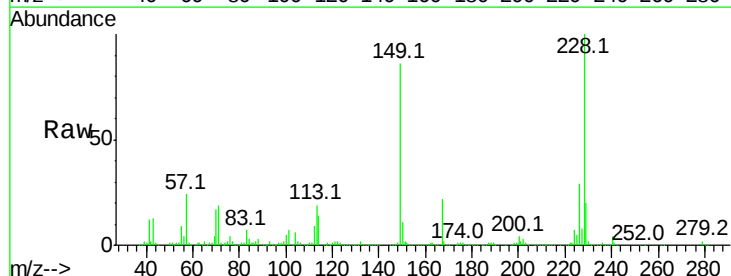
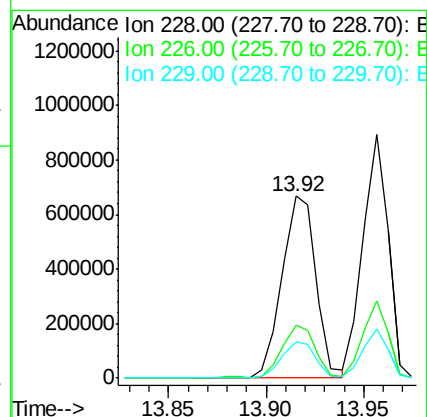
RT: 13.92 min Scan# 2011

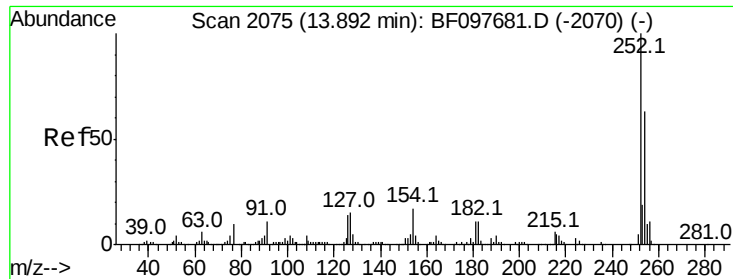
Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Tgt Ion:	228	Resp:	804444
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.6	33.8
229	20.0	16.3	24.5





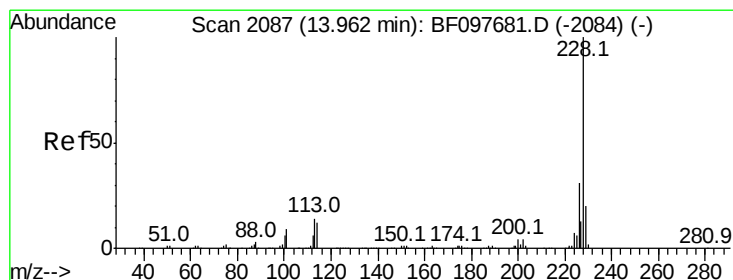
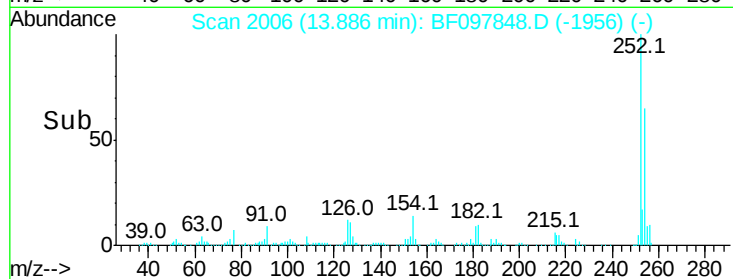
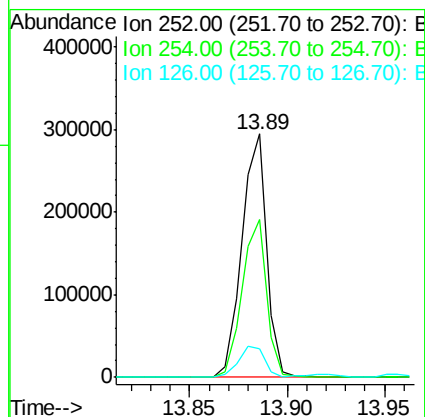
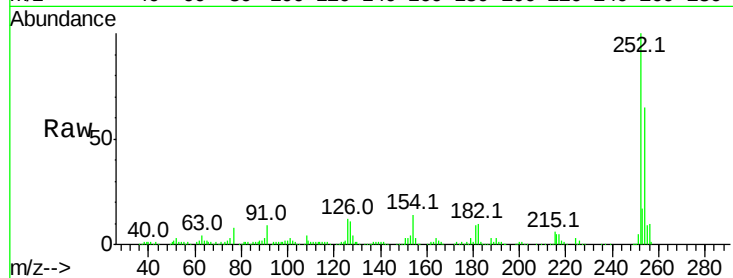
#81
 3,3'-Dichlorobenzidine
 Concen: 36.264 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	260371		
254	64.6	51.5	77.3	
126	12.0	15.8	23.8	

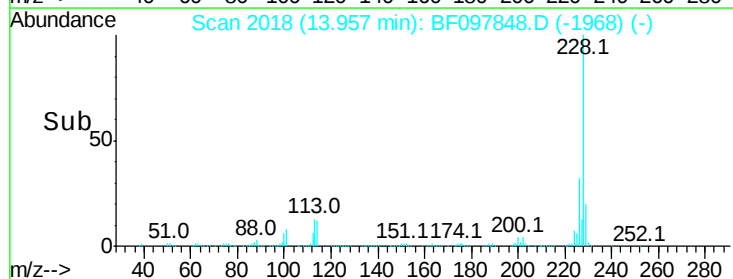
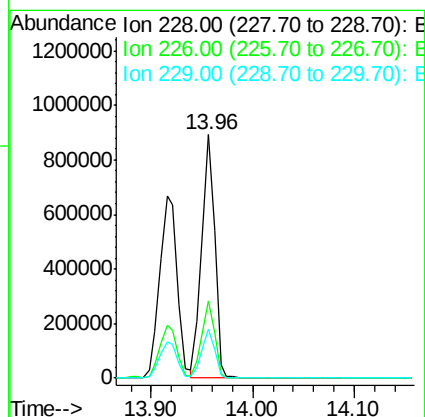
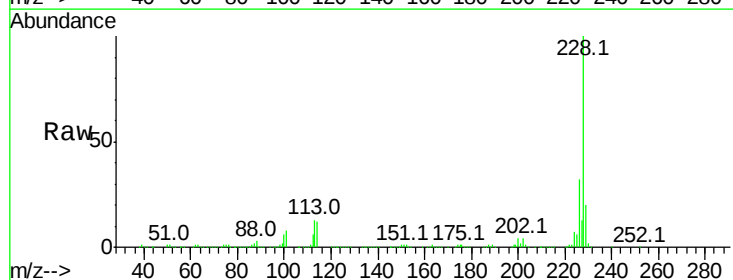
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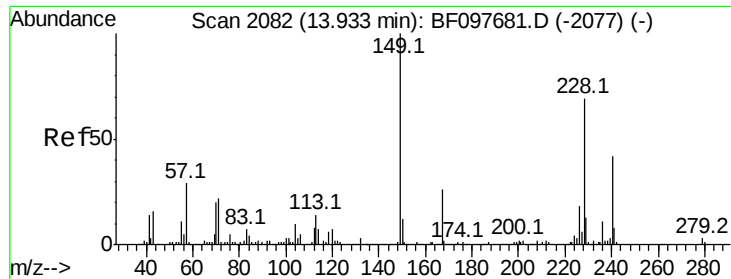
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#82
 Chrysene
 Concen: 38.452 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	813882		
226	31.8	24.9	37.3	
229	20.2	15.8	23.6	





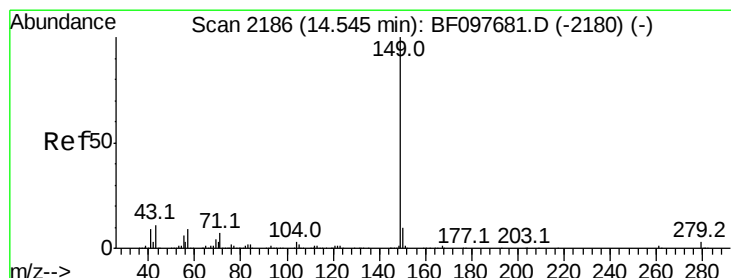
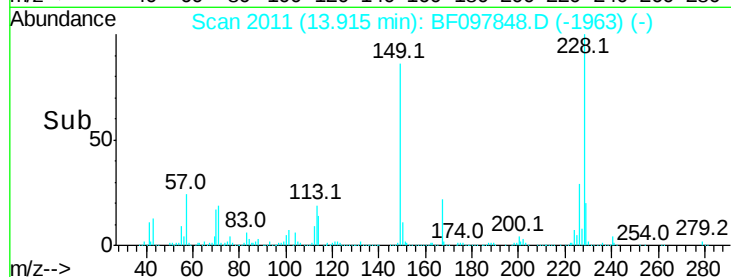
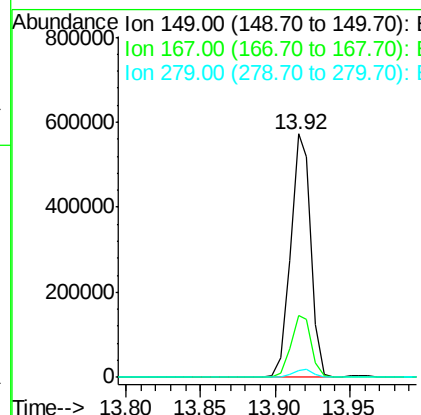
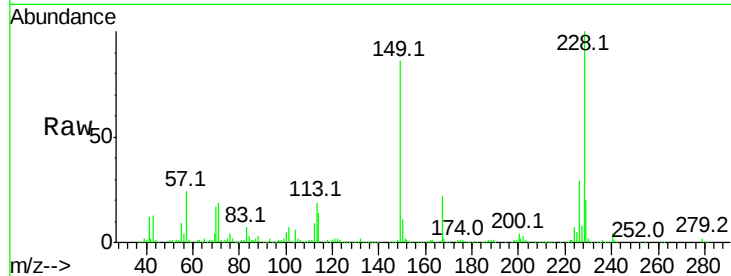
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.452 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.5	21.0	31.4	
279	2.9	1.9	2.9	

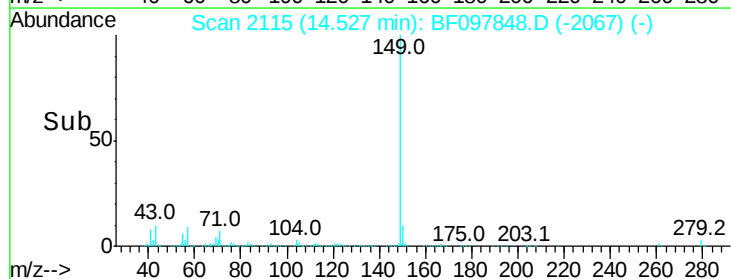
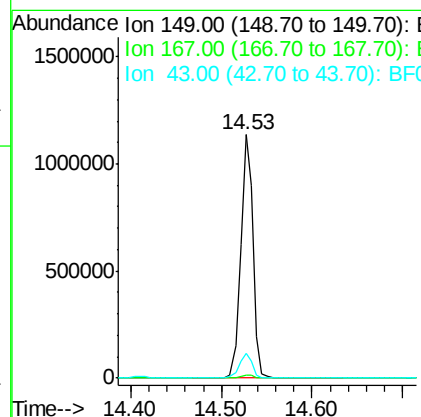
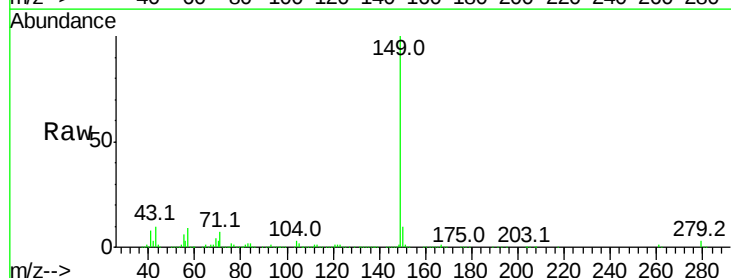
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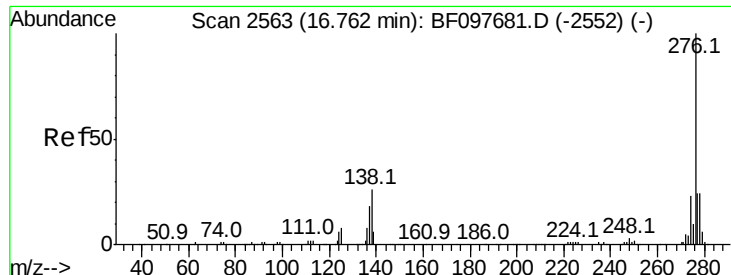
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 50.169 ng
 RT: 14.53 min Scan# 2115
 Delta R.T. -0.02 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	10.1	8.5	12.7	





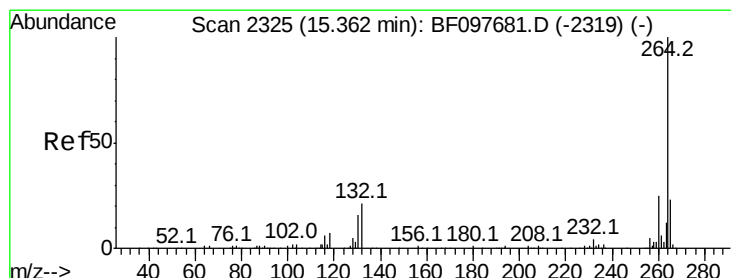
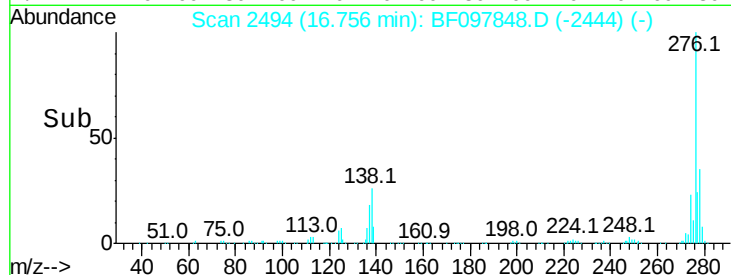
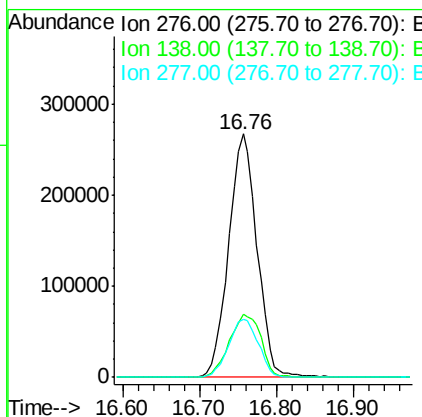
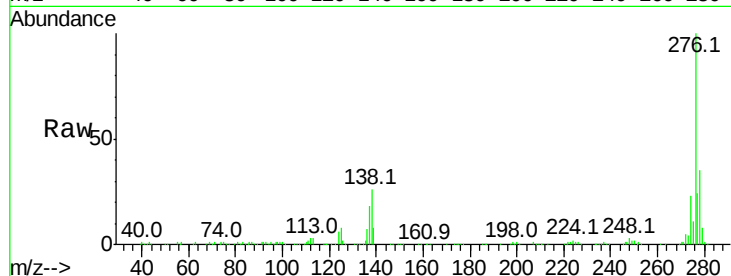
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.246 ng
 RT: 16.76 min Scan# 2494
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	27.8	41.6
277	25.3	20.2	30.4

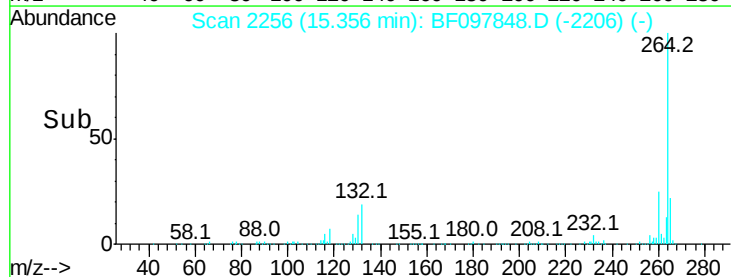
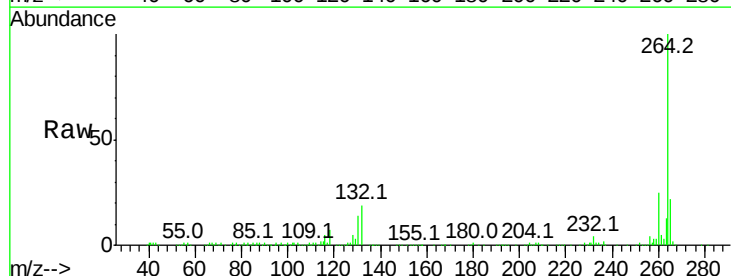
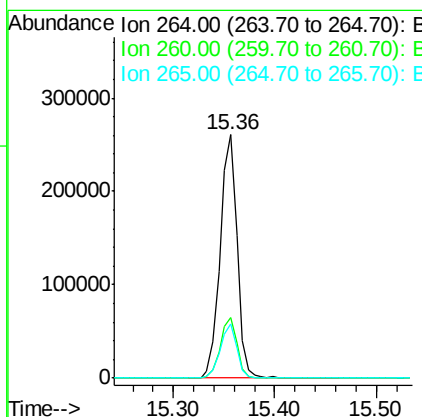
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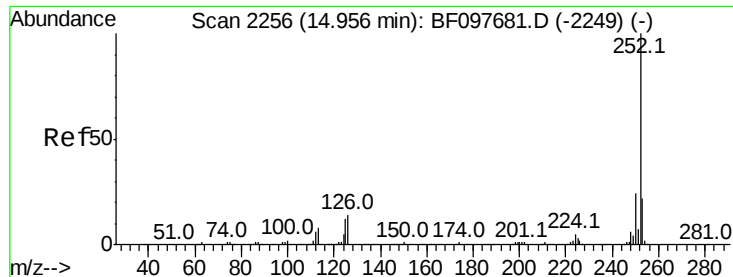
mohammad
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	22.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.606 ng

RT: 14.95 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

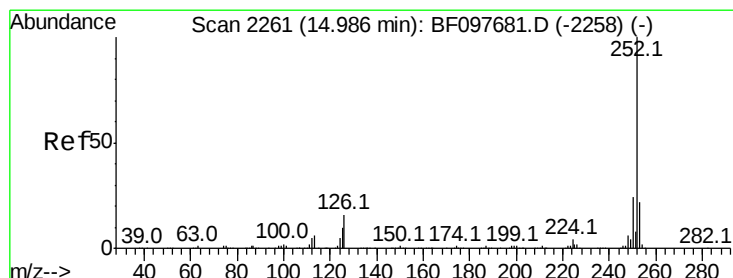
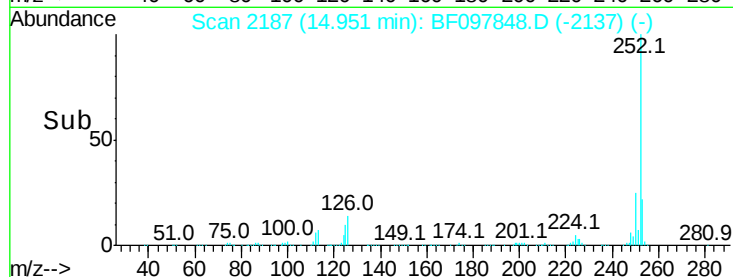
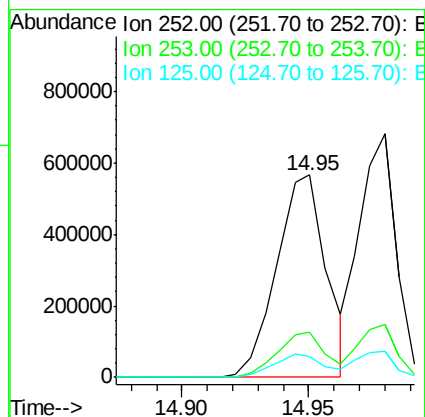
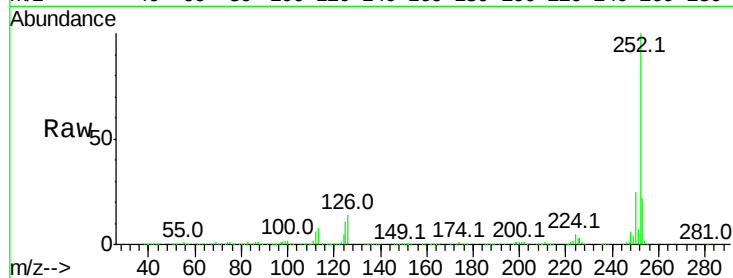
ClientSampleId :

E4-24MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	774715		
253	22.4	18.1	27.1	
125	10.5	9.8	14.8	

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#88

Benzo(k)fluoranthene

Concen: 38.695 ng

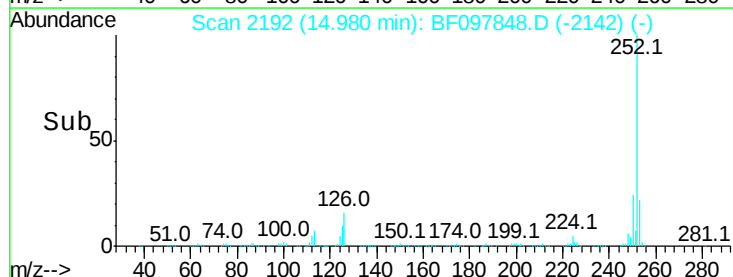
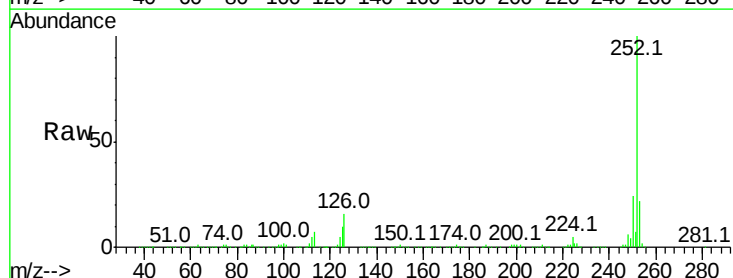
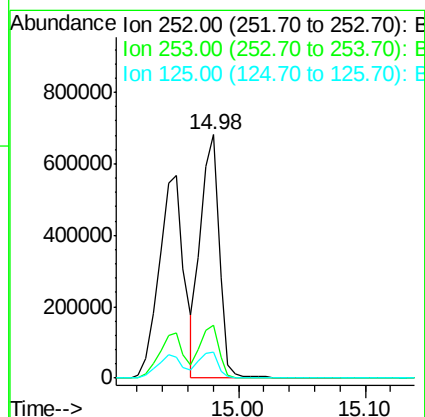
RT: 14.98 min Scan# 2192

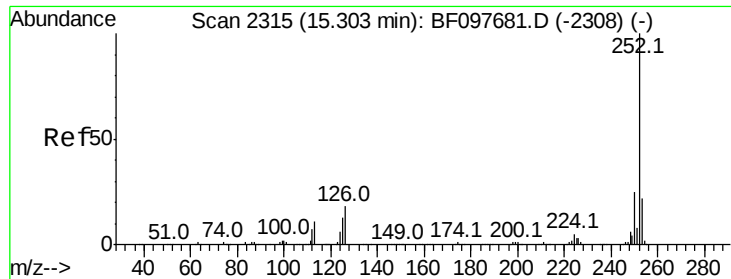
Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	693588		
253	21.7	18.4	27.6	
125	10.5	13.1	19.7	





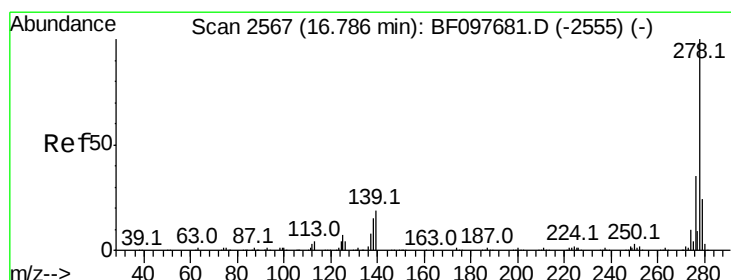
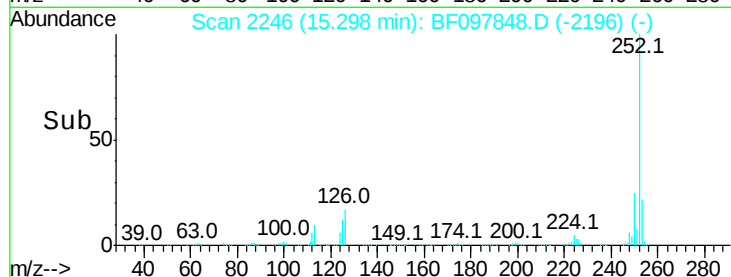
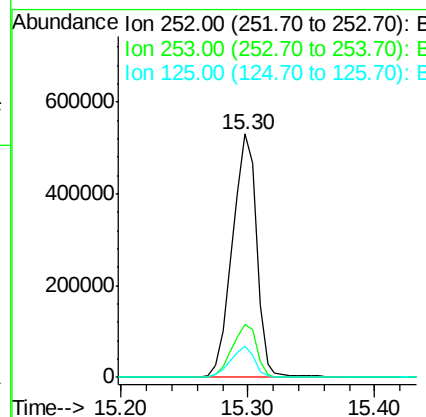
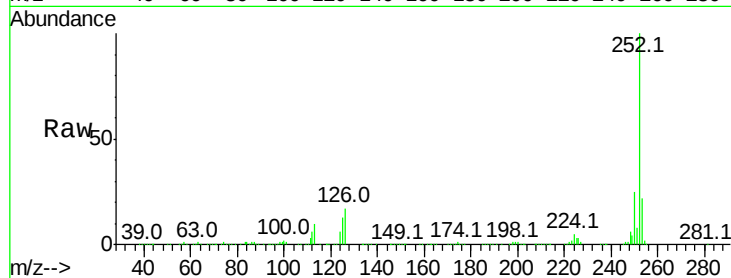
#89
Benzo(a)pyrene
Concen: 41.510 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampleId :
E4-24MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	12.6	11.0	16.4

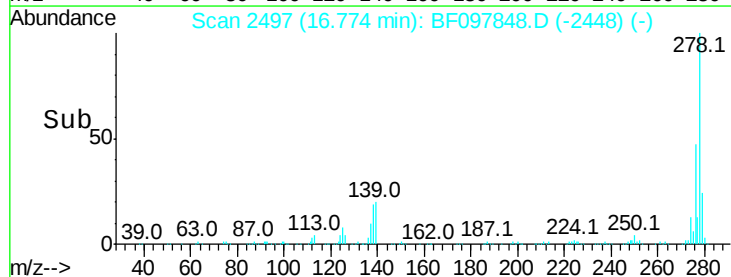
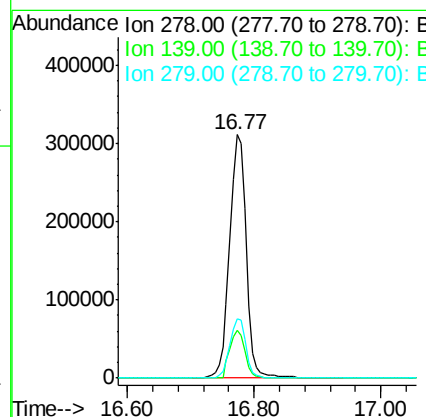
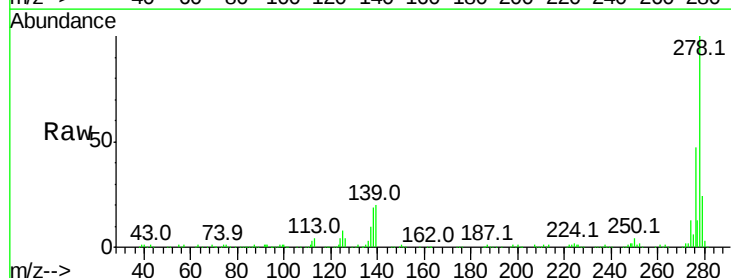
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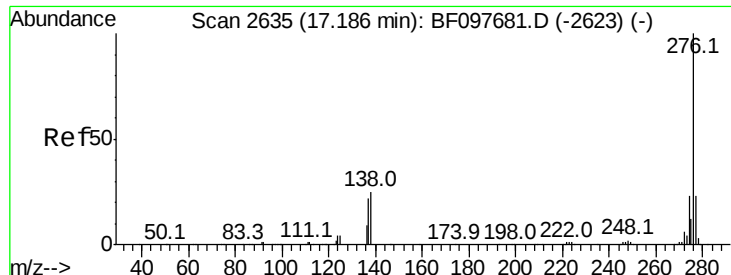
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 41.256 ng
RT: 16.77 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	16.6	24.8
279	24.2	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 40.903 ng
 RT: 17.18 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.4	18.6	28.0
138	25.5	25.4	38.0

Manual Integrations
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